

The MINOR PLANET CIRCULARS/MINOR PLANETS AND COMETS are published, on behalf of
Division III of the International Astronomical Union, usually in batches
on or near the date of each full moon, by:

Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)

MPC@CFA.HARVARD.EDU (science)

Phone 617-495-7273/7444/7244/7440 (for emergency use only).

World-Wide Web address <http://www.cfa.harvard.edu/iau/mpc.html> ISSN 0736-6884

Timothy B. Spahr, Interim Director

Gareth V. Williams, Associate Director

Brian G. Marsden, Director Emeritus

Kyle E. Smalley, Software Specialist

Syuichi Nakano and Andreas Doppler, Associates

© Copyright 2007 Minor Planet Center Prepared using the Tamkin Foundation Computer Network

EDITORIAL NOTICE

The Minor Planet Center is pleased to acknowledge with thanks a generous donation from F. K. Edmondson (Bloomington, IN; senior former president of IAU Commission 20).

ERRATA

<i>MPC</i>	Line	
60299	35	<i>For</i> 15 students <i>read</i> 18 students
60666	32	<i>For</i> Swann, S. R. <i>read</i> Swanson, S. R.

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 60615. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
B49	2.11269	0.749492	+0.659841	Paus Observatory, Sabadell
E10	149.06608	0.855595	-0.516262	Siding Spring-Faulkes Telescope South
J39	344.5636	0.88429	+0.46547	Ingenio

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2002 UO ₃	2007 09 04.330055	02 23 22.03	+07 10 12.6	+07 10 12.6	<i>MPS</i> 214400	H55
2002 UO ₃	2007 09 04.348682	02 23 22.15	+07 10 02.3	+07 10 02.3	<i>MPS</i> 214400	H55
2002 UO ₃	2007 09 04.367310	02 23 22.29	+07 09 52.1	+07 09 52.1	<i>MPS</i> 214400	H55
2005 BM ₂₉	1999 06 18.37032	20 44 20.86	-20 29 56.9	-20 29 56.9	<i>MPS</i> 126414	691
2007 SQ ₁₁	2007 09 22.96829	01 19 30.48	+03 18 13.1	+03 18 13.1	<i>MPS</i> 218166	B01
2007 SQ ₁₁	2007 09 22.97124	01 19 30.31	+03 18 13.3	+03 18 13.3	<i>MPS</i> 218166	B01
2007 SQ ₁₁	2007 09 22.97715	01 19 30.07	+03 18 10.9	+03 18 10.9	<i>MPS</i> 218166	B01

IDENTIFICATION CHANGES

Continuation to *MPC* 60616.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1991 ST ₅	* 1991 09 17.31037	23 16 51.09	-09 33 28.9	1991 RZ ₂₈		691	
1991 ST ₅	1991 09 17.32531	23 16 50.29	-09 33 33.3	1991 RZ ₂₈		691	
1991 ST ₅	1991 09 17.33572	23 16 49.78	-09 33 35.8	1991 RZ ₂₈	20.7 V	691	
1995 WH ₄₄	* 1995 11 28.42730	03 40 12.40	+19 57 45.5	1995 WC ₃₆	20.0 V	691	
1995 WH ₄₄	1995 11 28.44931	03 40 10.99	+19 57 45.4	1995 WC ₃₆		691	
1996 SC ₉	* 1996 09 21.23750	22 59 17.38	-08 42 40.1	1996 RH ₂₃	19.0 V	691	
1996 SC ₉	1996 09 21.25879	22 59 16.48	-08 42 47.8	1996 RH ₂₃		691	
1996 SC ₉	1996 09 21.27980	22 59 15.59	-08 42 55.2	1996 RH ₂₃		691	
1998 ER ₂₂	* 1998 03 04.18469	09 17 59.60	+16 16 46.1	2007 RP ₃₆	20.8 V	691	
1998 ER ₂₂	1998 03 04.20621	09 17 58.55	+16 16 53.8	2007 RP ₃₆	21.1 V	691	
1998 ER ₂₂	1998 03 04.22793	09 17 57.53	+16 17 01.8	2007 RP ₃₆	21.3 V	691	
1998 HA ₁₅₉	* 1998 04 27.35258	13 27 11.65	-02 12 46.4	1998 HP ₁₅	20.5 V	691	
1998 HA ₁₅₉	1998 04 27.35827	13 27 11.34	-02 12 45.1	1998 HP ₁₅	20.8 V	691	
1998 HA ₁₅₉	1998 04 27.36423	13 27 11.01	-02 12 43.5	1998 HP ₁₅	20.9 V	691	
1998 SN ₁₇₆	* 1998 09 19.295181	23 56 10.740	-01 00 28.74	1998 QL ₅₈	19.77V	645	
1998 SN ₁₇₆	1998 09 19.298653	23 56 10.578	-01 00 30.03	1998 QL ₅₈	20.55	645	
1999 CC ₁₆₀	* 1999 02 07.48604	08 12 24.71	+23 31 04.6	1999 CP ₁₂₉		568	
1999 CC ₁₆₀	1999 02 07.50244	08 12 23.66	+23 31 07.0	1999 CP ₁₂₉		568	
1999 CD ₁₆₀	* 1999 02 13.18267	08 25 25.70	+19 41 25.7	1999 CA ₁₄₁	21.4 V	691	
1999 CD ₁₆₀	1999 02 13.20475	08 25 24.40	+19 41 30.6	1999 CA ₁₄₁	21.7 V	691	
1999 CD ₁₆₀	1999 02 13.22689	08 25 23.15	+19 41 35.8	1999 CA ₁₄₁	21.9 V	691	
1999 FZ ₉₆	* 1999 03 22.38579	13 29 23.87	-09 55 54.1	1999 EG ₁₁	20.0 V	691	
1999 FZ ₉₆	1999 03 22.40689	13 29 23.17	-09 55 47.9	1999 EG ₁₁	20.1 V	691	
1999 FZ ₉₆	1999 03 22.42833	13 29 22.47	-09 55 41.6	1999 EG ₁₁	20.1 V	691	
1999 RN ₂₅₉	* 1999 09 07.47253	01 01 37.00	+05 54 57.1	1999 TW ₄₆	21.3 V	691	
1999 RN ₂₅₉	1999 09 07.48888	01 01 36.49	+05 54 53.1	1999 TW ₄₆	21.2 V	691	
1999 RN ₂₅₉	1999 09 07.50068	01 01 36.19	+05 54 49.4	1999 TW ₄₆	20.8 V	691	
1999 TV ₃₃₅	* 1999 10 12.29630	02 10 14.57	+20 15 50.4	1999 VY ₄₅	19.5	704	
1999 TV ₃₃₅	1999 10 12.30993	02 10 13.85	+20 15 49.0	1999 VY ₄₅	20.0	704	
1999 TV ₃₃₅	1999 10 12.32410	02 10 13.20	+20 15 46.8	1999 VY ₄₅	19.8	704	
1999 UW ₆₄	* 1999 10 18.35059	01 46 15.37	+14 48 44.8	1999 VA ₁₆	21.0 V	691	
1999 UW ₆₄	1999 10 18.37245	01 46 14.16	+14 48 38.6	1999 VA ₁₆	21.6 V	691	

1999 UW ₆₄	1999 10 18.39463	01 46 12.93	+14 48 32.0	1999 VA ₁₆	21.5 V	691	2000 XQ ₅₅	2000 12 01.40839	03 56 15.13	+19 25 25.3	2000 WL ₁₂₇	20.2 V	691
1999 XF ₂₆₅	* 1999 12 07.35490	07 54 40.64	+22 31 18.9	2000 BU ₁₆	21.1 V	691	2001 BK ₈₃	* 2001 01 16.04954	05 22 01.40	+26 31 35.8	2000 YO ₁₁₉	19.2 R	561
1999 XF ₂₆₅	1999 12 07.37962	07 54 40.23	+22 31 28.6	2000 BU ₁₆	21.0 V	691	2001 BK ₈₃	2001 01 16.05370	05 22 00.99	+26 31 34.4	2000 YO ₁₁₉	19.3 R	561
1999 XF ₂₆₅	1999 12 07.40330	07 54 39.82	+22 31 39.0	2000 BU ₁₆	20.3 V	691	2001 BK ₈₃	2001 01 16.05758	05 22 01.05	+26 31 33.9	2000 YO ₁₁₉	19.4 R	561
1999 YO ₂₉	* 1999 12 17.31097	08 09 43.30	+21 41 51.5	1999 XJ ₂₅₅	21.6 V	691	2001 DH ₁₁₁	* 2001 02 22.101190	07 29 34.824	+27 19 33.63	2002 GG ₇₀	21.20V	645
1999 YO ₂₉	1999 12 17.31693	08 09 43.07	+21 41 51.9	1999 XJ ₂₅₅	21.8 V	691	2001 DH ₁₁₁	2001 02 22.104662	07 29 34.754	+27 19 33.78	2002 GG ₇₀	21.86	645
1999 YO ₂₉	1999 12 17.32357	08 09 42.80	+21 41 53.0	1999 XJ ₂₅₅	21.7 V	691	2001 DJ ₁₁₁	* 2001 02 20.35200	10 43 11.37	+12 08 18.9	2001 DQ ₁₁	18.8	704
2000 CO ₁₄₉	* 2000 02 05.23468	08 19 55.75	+20 20 54.5	1999 YR ₂₁	19.8 V	691	2001 DJ ₁₁₁	2001 02 20.36493	10 43 10.54	+12 08 22.1	2001 DQ ₁₁	19.1	704
2000 CO ₁₄₉	2000 02 05.24094	08 19 55.36	+20 20 54.5	1999 YR ₂₁	19.8 V	691	2001 DJ ₁₁₁	2001 02 20.36627	10 43 10.53	+12 08 22.0	2001 DQ ₁₁	19.2	704
2000 CO ₁₄₉	2000 02 05.24746	08 19 55.01	+20 20 54.5	1999 YR ₂₁	19.8 V	691	2001 DJ ₁₁₁	2001 02 20.37930	10 43 09.67	+12 08 24.5	2001 DQ ₁₁	19.0	704
2000 CP ₁₄₉	* 2000 02 08.38801	09 26 24.26	+15 17 38.5	2000 BE ₄₄	21.3 V	691	2001 DJ ₁₁₁	2001 02 20.38067	10 43 09.58	+12 08 23.5	2001 DQ ₁₁	19.5	704
2000 CP ₁₄₉	2000 02 08.39220	09 26 24.04	+15 17 38.8	2000 BE ₄₄	21.2 V	691	2001 DJ ₁₁₁	2001 02 20.39348	10 43 08.72	+12 08 26.4	2001 DQ ₁₁	19.2	704
2000 CP ₁₄₉	2000 02 08.39634	09 26 23.86	+15 17 39.6	2000 BE ₄₄	21.2 V	691	2001 DJ ₁₁₁	2001 02 20.39488	10 43 08.70	+12 08 26.2	2001 DQ ₁₁	19.4	704
2000 EL ₂₀₈	* 2000 03 10.31892	11 05 05.14	+04 02 12.6	2000 EF ₅₁	21.4 V	691	2001 DJ ₁₁₁	2001 02 20.40911	10 43 07.97	+12 08 29.0	2001 DQ ₁₁	19.4	704
2000 EL ₂₀₈	2000 03 10.33994	11 05 03.94	+04 02 19.8	2000 EF ₅₁	21.7 V	691	2001 DJ ₁₁₁	2001 03 31.13665	10 08 24.52	+13 03 01.2	2001 DQ ₁₁	20.4 V	691
2000 EL ₂₀₈	2000 03 10.36145	11 05 02.79	+04 02 26.2	2000 EF ₅₁	21.1 V	691	2001 DJ ₁₁₁	2001 03 31.15872	10 08 23.89	+13 02 57.6	2001 DQ ₁₁	21.3 V	691
2000 EM ₂₀₈	* 2000 03 03.461520	12 49 54.463	-02 00 50.93	2002 TJ ₂₀₀	21.41V	645	2001 DJ ₁₁₁	2001 03 31.18115	10 08 23.20	+13 02 54.9	2001 DQ ₁₁	21.4 V	691
2000 EM ₂₀₈	2000 03 03.464992	12 49 54.339	-02 00 50.19	2002 TJ ₂₀₀	22.29	645	2001 LX ₁₉	* 2001 06 15.45661	23 35 45.68	-06 55 06.6	2001 RH ₅₅	20.9 V	691
2000 EM ₂₀₈	2000 03 03.48759	12 49 53.60	-02 00 46.0	2002 TJ ₂₀₀	21.2 V	691	2001 LX ₁₉	2001 06 15.46045	23 35 45.96	-06 55 04.1	2001 RH ₅₅	21.1 V	691
2000 EM ₂₀₈	2000 03 03.50886	12 49 52.78	-02 00 41.0	2002 TJ ₂₀₀	21.1 V	691	2001 LX ₁₉	2001 06 15.46434	23 35 46.22	-06 55 01.7	2001 RH ₅₅	20.9 V	691
2000 EM ₂₀₈	2000 03 03.53019	12 49 52.02	-02 00 36.8	2002 TJ ₂₀₀	21.0 V	691	2001 ND ₂₃	* 2001 07 14.30405	20 57 42.04	-28 12 04.9	2001 OA ₅₅	20.1	644
2000 EN ₂₀₈	* 2000 03 02.88399	08 18 24.37	+18 51 18.8	2000 CJ ₉₇	18.7 V	552	2001 ND ₂₃	2001 07 14.31454	20 57 41.46	-28 12 09.5	2001 OA ₅₅	20.0	644
2000 EN ₂₀₈	2000 03 02.93073	08 18 23.41	+18 51 14.3	2000 CJ ₉₇		552	2001 ND ₂₃	2001 07 14.32516	20 57 40.91	-28 12 13.7	2001 OA ₅₅	20.3	644
2000 HU ₁₀₅	* 2000 04 29.16171	12 43 24.20	-03 27 29.3	2000 GZ ₂₆	19.5	704	2001 OT ₁₁₃	* 2001 07 24.35073	21 27 22.84	-31 04 39.8	2005 GY ₁₅₇	19.7	644
2000 HU ₁₀₅	2000 04 29.17377	12 43 23.68	-03 27 30.9	2000 GZ ₂₆	19.9	704	2001 OT ₁₁₃	2001 07 24.36112	21 27 22.32	-31 04 42.5	2005 GY ₁₅₇	20.1	644
2000 HU ₁₀₅	2000 04 29.18584	12 43 23.12	-03 27 29.9	2000 GZ ₂₆	19.7	704	2001 OT ₁₁₃	2001 07 24.37155	21 27 21.80	-31 04 46.0	2005 GY ₁₅₇	19.7	644
2000 HU ₁₀₅	2000 04 29.19792	12 43 22.66	-03 27 29.2	2000 GZ ₂₆	19.8	704	2001 OU ₁₁₃	* 2001 07 25.38117	23 49 17.69	+00 12 38.3	2001 RY ₁₁₂	22.6 V	691
2000 HU ₁₀₅	2000 04 29.21001	12 43 22.16	-03 27 30.2	2000 GZ ₂₆	19.4	704	2001 OU ₁₁₃	2001 07 25.40256	23 49 17.80	+00 12 35.6	2001 RY ₁₁₂	22.2 V	691
2000 JJ ₉₄	* 2000 05 01.25980	13 29 43.77	-05 15 24.6	2000 ED ₂₀₄	19.9 R	688	2001 OU ₁₁₃	2001 07 25.42410	23 49 17.89	+00 12 32.2	2001 RY ₁₁₂	22.3 V	691
2000 JJ ₉₄	2000 05 01.28198	13 29 42.80	-05 15 20.7	2000 ED ₂₀₄		688	2001 PE ₆₇	* 2001 08 04.37901	00 16 43.84	+05 02 55.7	2001 SM ₁₉	19.8	644
2000 JJ ₉₄	2000 05 01.30399	13 29 41.82	-05 15 16.1	2000 ED ₂₀₄		688	2001 PE ₆₇	2001 08 04.39010	00 16 44.10	+05 02 56.3	2001 SM ₁₉	19.9	644
2000 JK ₉₄	* 2000 05 03.33938	15 30 11.95	-13 15 05.4	2000 HG ₁₀₄	21.8 V	691	2001 PE ₆₇	2001 08 04.40007	00 16 44.35	+05 02 57.0	2001 SM ₁₉	19.5	644
2000 JK ₉₄	2000 05 03.36181	15 30 10.74	-13 15 01.6	2000 HG ₁₀₄	21.3 V	691	2001 PF ₆₇	* 2001 08 02.37074	23 35 03.92	+00 02 20.2	2001 SM ₈₅	16.7	644
2000 JK ₉₄	2000 05 03.38781	15 30 09.46	-13 14 57.3	2000 HG ₁₀₄	21.2 V	691	2001 PF ₆₇	2001 08 02.38146	23 35 03.73	+00 02 23.2	2001 SM ₈₅	16.9	644
2000 QT ₂₅₄	* 2000 08 26.27039	21 32 04.62	-17 27 04.6	2000 OO ₅₈	19.0	704	2001 PF ₆₇	2001 08 02.39237	23 35 03.52	+00 02 26.4	2001 SM ₈₅	17.1	644
2000 QT ₂₅₄	2000 08 26.28384	21 32 04.05	-17 27 09.6	2000 OO ₅₈	19.5	704	2001 PG ₆₇	* 2001 08 01.38151	22 28 29.94	+12 47 43.5	2001 PG ₃₆	20.2	644
2000 QT ₂₅₄	2000 08 26.29729	21 32 03.52	-17 27 13.3	2000 OO ₅₈	19.6	704	2001 PG ₆₇	2001 08 01.39245	22 28 29.50	+12 47 45.7	2001 PG ₃₆	20.4	644
2000 QU ₂₅₄	* 2000 08 25.43251	01 13 54.26	+06 08 06.6	2000 TT ₇	20.6 V	691	2001 PG ₆₇	2001 08 01.40311	22 28 29.09	+12 47 48.2	2001 PG ₃₆	20.5	644
2000 QU ₂₅₄	2000 08 25.45547	01 13 53.88	+06 08 08.0	2000 TT ₇	20.7 V	691	2001 QL ₃₃₄	* 2001 08 16.34771	00 30 47.05	+01 23 14.2	2001 SQ ₁₉	19.7	704
2000 QU ₂₅₄	2000 08 25.47702	01 13 53.51	+06 08 09.7	2000 TT ₇	21.0 V	691	2001 QL ₃₃₄	2001 08 16.35974	00 30 46.99	+01 23 10.0	2001 SQ ₁₉	19.7	704
2000 SW ₃₇₆	* 2000 09 26.279250	23 29 17.733	-10 07 16.18	2007 PF ₁₃	20.39V	645	2001 QL ₃₃₄	2001 08 16.37179	00 30 46.89	+01 23 07.5	2001 SQ ₁₉	20.4	704
2000 SW ₃₇₆	2000 09 26.282722	23 29 17.562	-10 07 17.22	2007 PF ₁₃	21.36	645	2001 QL ₃₃₄	2001 08 16.38385	00 30 46.83	+01 23 03.0	2001 SQ ₁₉	19.8	704
2000 UW ₁₁₄	* 2000 10 24.40350	04 29 15.58	+23 45 25.2	2000 WZ ₅₁	19.3	704	2001 QM ₃₃₄	* 2001 08 25.38256	00 13 19.92	+01 05 04.7	2001 SL ₂₀₀	22.4 V	691
2000 UW ₁₁₄	2000 10 24.43033	04 29 14.89	+23 45 19.3	2000 WZ ₅₁	19.2	704	2001 QM ₃₃₄	2001 08 25.40382	00 13 19.30	+01 04 59.8	2001 SL ₂₀₀	22.1 V	691
2000 UW ₁₁₄	2000 10 24.45721	04 29 14.17	+23 45 14.2	2000 WZ ₅₁	19.8	704	2001 QM ₃₃₄	2001 08 25.42483	00 13 18.66	+01 04 55.2	2001 SL ₂₀₀	22.3 V	691
2000 WZ ₁₉₇	* 2000 11 26.17248	01 08 05.32	+09 43 45.5	2000 TF ₆₅	20.9 V	691	2001 QN ₃₃₄	* 2001 08 19.26128	23 31 06.25	-01 21 02.9	2001 SJ ₈₈	21.8 R	807
2000 WZ ₁₉₇	2000 11 26.19449	01 08 05.08	+09 43 44.4	2000 TF ₆₅	21.0 V	691	2001 QN ₃₃₄	2001 08 19.34455	23 31 03.26	-01 21 21.0	2001 SJ ₈₈		807
2000 WZ ₁₉₇	2000 11 26.21691	01 08 04.81	+09 43 43.4	2000 TF ₆₅	21.5 V	691	2001 RZ ₁₅₅	* 2001 09 12.35212	00 08 23.81	-07 15 49.0	2001 SC ₂₆₂	20.5	704
2000 XP ₅₅	* 2000 12 01.37457	02 21 15.95	+14 16 50.3	2000 VW ₁₉	22.1 V	691	2001 RZ ₁₅₅	2001 09 12.36624	00 08 23.16	-07 15 52.9	2001 SC ₂₆₂	20.3	704
2000 XP ₅₅	2000 12 01.37841	02 21 15.95	+14 16 50.5	2000 VW ₁₉	21.2 V	691	2001 RZ ₁₅₅	2001 09 12.38036	00 08 22.36	-07 15 56.3	2001 SC ₂₆₂	20.7	704
2000 XP ₅₅	2000 12 01.38224	02 21 15.91	+14 16 48.7	2000 VW ₁₉	21.4 V	691	2001 SM ₃₅₄	* 2001 09 20.16951	22 27 44.58	-11 44 07.1	2001 RT ₁₄₁	20.0 R	734
2000 XQ ₅₅	* 2000 12 01.39995	03 56 15.65	+19 25 25.3	2000 WL ₁₂₇	20.2 V	691	2001 SM ₃₅₄	2001 09 20.17723	22 27 44.31	-11 44 07.6	2001 RT ₁₄₁	19.9 R	734
2000 XQ ₅₅	2000 12 01.40391	03 56 15.41	+19 25 25.4	2000 WL ₁₂₇	20.3 V	691	2001 SM ₃₅₄	2001 09 20.19308	22 27 43.70	-11 44 10.2	2001 RT ₁₄₁	19.7 R	734

2001 SN ₃₅₄	*	2001 09 18.13135	21 19 12.73	-02 26 42.0	2001 QR ₂₆₆	18.9 R	699	2002 EC ₁₆₂	2002 03 05.49215	13 06 31.25	-01 31 32.4	2002 GN ₁₁₃	20.5 V	291
2001 SN ₃₅₄		2001 09 18.14535	21 19 12.49	-02 26 48.0	2001 QR ₂₆₆		699	2002 NG ₆₇	* 2002 07 14.45885	21 28 50.29	-18 03 22.1	2002 PJ ₆₅	19.7	644
2001 SN ₃₅₄		2001 09 18.15938	21 19 12.25	-02 26 53.6	2001 QR ₂₆₆		699	2002 NG ₆₇	2002 07 14.46917	21 28 49.99	-18 03 28.5	2002 PJ ₆₅	19.9	644
2001 SN ₃₅₄		2001 09 18.17344	21 19 12.02	-02 27 01.6	2001 QR ₂₆₆		699	2002 NG ₆₇	2002 07 14.47961	21 28 49.69	-18 03 35.4	2002 PJ ₆₅	20.4	644
2001 SO ₃₅₄	*	2001 09 20.29290	23 33 05.07	-03 44 24.6	2001 QW ₁₇₆	22.2 V	291	2002 QF ₁₂₂	* 2002 08 18.57276	22 56 29.58	-00 00 51.9	2002 RA ₁₇₁	21.1	608
2001 SO ₃₅₄		2001 09 20.31998	23 33 03.72	-03 44 35.6	2001 QW ₁₇₆	22.4 V	291	2002 QF ₁₂₂	2002 08 18.58368	22 56 29.14	-00 00 56.5	2002 RA ₁₇₁	21.0	608
2001 SO ₃₅₄		2001 09 20.34675	23 33 02.40	-03 44 46.7	2001 QW ₁₇₆	22.0 V	291	2002 QF ₁₂₂	2002 08 18.59458	22 56 28.71	-00 00 59.7	2002 RA ₁₇₁	21.2	608
2001 UF ₂₂₈	*	2001 10 24.40748	02 14 33.61	+04 52 16.9	2001 SD ₂₅₁	20.4	644	2002 RH ₂₇₈	* 2002 09 03.26080	22 48 04.38	+15 55 38.5	2002 TQ ₁₇₂	19.2	644
2001 UF ₂₂₈		2001 10 24.42857	02 14 32.66	+04 52 05.2	2001 SD ₂₅₁	19.8	644	2002 RH ₂₇₈	2002 09 03.28216	22 48 03.23	+15 55 31.3	2002 TQ ₁₇₂	19.3	644
2001 UF ₂₂₈		2001 10 24.44988	02 14 31.75	+04 51 54.3	2001 SD ₂₅₁	20.6	644	2002 RH ₂₇₈	2002 09 03.30316	22 48 02.08	+15 55 24.1	2002 TQ ₁₇₂	19.3	644
2001 XL ₂₆₇	*	2001 12 14.08133	03 00 04.51	+15 36 27.1	2001 WE ₃₀	21.8 V	291	2002 TL ₃₇₉	* 2002 10 10.302880	23 56 20.485+00	16 41.64	2002 TW ₃₂₂	21.33V	645
2001 XL ₂₆₇		2001 12 14.10483	03 00 03.82	+15 36 23.9	2001 WE ₃₀	21.5 V	291	2002 TL ₃₇₉	2002 10 10.306352	23 56 20.336+00	16 40.63	2002 TW ₃₂₂	22.00	645
2001 XL ₂₆₇		2001 12 14.12524	03 00 03.17	+15 36 22.3	2001 WE ₃₀	21.7 V	291	2002 VJ ₁₄₁	* 2002 11 04.91896	03 02 31.68	+13 52 04.6	2002 VG ₁₃₂	22.5 V	950
2001 YY ₁₆₁	*	2001 12 21.28721	07 45 53.48	+20 45 00.4	2001 XQ ₂₅₃	21.3 V	691	2002 VJ ₁₄₁	2002 11 04.93075	03 02 31.11	+13 52 01.0	2002 VG ₁₃₂		950
2001 YY ₁₆₁		2001 12 21.32826	07 45 51.58	+20 45 07.4	2001 XQ ₂₅₃	21.1 V	691	2002 VJ ₁₄₁	2002 11 04.94652	03 02 30.35	+13 51 56.2	2002 VG ₁₃₂		950
2001 YY ₁₆₁		2001 12 21.35103	07 45 50.49	+20 45 11.4	2001 XQ ₂₅₃	21.3 V	691	2003 AQ ₉₄	* 2003 01 04.15682	07 19 42.47	+21 34 27.4	2002 XZ ₉₀	20.9 R	290
2001 YZ ₁₆₁	*	2001 12 17.24468	03 55 58.17	+28 18 06.0	2001 VM ₁₁₂	19.7	704	2003 AQ ₉₄	2003 01 04.16616	07 19 41.83	+21 34 30.0	2002 XZ ₉₀	21.0 R	290
2001 YZ ₁₆₁		2001 12 17.27604	03 55 56.49	+28 18 05.4	2001 VM ₁₁₂	19.8	704	2003 AQ ₉₄	2003 01 04.17534	07 19 41.09	+21 34 31.0	2002 XZ ₉₀	20.4 R	290
2001 YZ ₁₆₁		2001 12 17.29142	03 55 55.71	+28 18 04.3	2001 VM ₁₁₂	19.1	704	2003 BY ₉₂	* 2003 01 28.432600	10 49 49.325+13	58 37.72	2005 UM ₄₉₂	21.54V	645
2001 YA ₁₆₂	*	2001 12 19.29792	05 10 43.20	+25 51 30.0	2001 XM ₂₄₇	20.3	704	2003 BY ₉₂	2003 01 28.436072	10 49 49.174+13	58 37.26	2005 UM ₄₉₂	22.20	645
2001 YA ₁₆₂		2001 12 19.31322	05 10 42.17	+25 51 29.5	2001 XM ₂₄₇	20.9	704	2003 BZ ₉₂	* 2003 01 21.17639	06 00 42.46	+23 03 15.0	2002 YC ₃₂	19.5 R	673
2001 YA ₁₆₂		2001 12 19.32836	05 10 41.06	+25 51 28.2	2001 XM ₂₄₇	20.7	704	2003 BZ ₉₂	2003 01 21.18056	06 00 42.29	+23 03 15.0	2002 YC ₃₂		673
2001 YA ₁₆₂		2001 12 19.34362	05 10 40.08	+25 51 26.5	2001 XM ₂₄₇	20.1	704	2003 BZ ₉₂	2003 01 21.18472	06 00 42.13	+23 03 15.2	2002 YC ₃₂		673
2001 YA ₁₆₂		2001 12 19.35926	05 10 39.00	+25 51 25.7	2001 XM ₂₄₇	20.2	704	2003 BZ ₉₂	2003 01 21.18924	06 00 41.99	+23 03 15.4	2002 YC ₃₂		673
2002 AH ₂₀₉	*	2002 01 14.34646	08 55 19.70	+20 17 02.7	2002 AN ₁₉₃	20.6	704	2003 BZ ₉₂	2003 01 21.19340	06 00 41.78	+23 03 15.4	2002 YC ₃₂		673
2002 AH ₂₀₉		2002 01 14.36346	08 55 18.73	+20 17 07.5	2002 AN ₁₉₃	20.7	704	2003 FC ₁₃₂	* 2003 03 30.20643	10 51 27.76	+07 10 59.5	2003 FL ₁₂₃	20.2 R	695
2002 AH ₂₀₉		2002 01 14.37881	08 55 17.85	+20 17 12.3	2002 AN ₁₉₃	20.7	704	2003 FC ₁₃₂	2003 03 30.30129	10 51 24.13	+07 11 16.6	2003 FL ₁₂₃		695
2002 AJ ₂₀₉	*	2002 01 13.39624	09 28 37.30	+13 39 30.9	2002 CE ₂₂₂	20.3	704	2003 GD ₅₆	* 2003 04 05.14895	10 37 07.46	+10 14 15.6	2003 GX ₁₁	21.4 V	691
2002 AJ ₂₀₉		2002 01 13.41144	09 28 36.64	+13 39 36.2	2002 CE ₂₂₂	20.4	704	2003 GD ₅₆	2003 04 05.17660	10 37 06.56	+10 14 20.7	2003 GX ₁₁	21.5 V	691
2002 AJ ₂₀₉		2002 01 13.42663	09 28 35.91	+13 39 41.2	2002 CE ₂₂₂	20.5	704	2003 GD ₅₆	2003 04 05.20585	10 37 05.64	+10 14 26.9	2003 GX ₁₁	21.2 V	691
2002 AK ₂₀₉	*	2002 01 14.48586	10 01 39.35	+11 38 12.1	2002 CT ₉₂	21.8 V	691	2003 HG ₅₈	* 2003 04 28.29917	12 53 37.23	-08 01 06.3	2003 HB ₁₉	21.4 V	291
2002 AK ₂₀₉		2002 01 14.50712	10 01 38.60	+11 38 16.9	2002 CT ₉₂	22.3 V	691	2003 HG ₅₈	2003 04 28.30313	12 53 37.08	-08 01 05.2	2003 HB ₁₉	21.3 V	291
2002 AK ₂₀₉		2002 01 14.52863	10 01 37.95	+11 38 21.5	2002 CT ₉₂	21.8 V	691	2003 HG ₅₈	2003 04 28.30739	12 53 36.95	-08 01 03.7	2003 HB ₁₉	21.0 V	291
2002 CK ₃₁₅	*	2002 02 13.45863	11 37 51.60	+00 56 00.9	2003 QG ₃₈	22.5 V	691	2003 KD ₃₇	* 2003 05 28.30978	15 25 17.23	-04 44 31.8	2003 KP ₁₁	21.4 V	691
2002 CK ₃₁₅		2002 02 13.48036	11 37 50.61	+00 56 02.2	2003 QG ₃₈	22.3 V	691	2003 KD ₃₇	2003 05 28.33605	15 25 15.93	-04 44 30.7	2003 KP ₁₁	20.6 V	691
2002 CK ₃₁₅		2002 02 13.50155	11 37 49.65	+00 56 03.5	2003 QG ₃₈	22.4 V	691	2003 KD ₃₇	2003 05 28.36444	15 25 14.54	-04 44 29.8	2003 KP ₁₁	20.7 V	691
2002 CL ₃₁₅	*	2002 02 12.25515	09 03 39.36	+21 41 53.2	2002 CX ₂₉₀	20.7	704	2003 LN ₉	* 2003 06 01.38009	17 06 51.62	-12 29 45.0	2003 KJ ₃₀	18.6 R	926
2002 CL ₃₁₅		2002 02 12.26938	09 03 38.48	+21 41 56.3	2002 CX ₂₉₀	20.6	704	2003 LN ₉	2003 06 01.38785	17 06 51.23	-12 29 45.7	2003 KJ ₃₀	18.5 R	926
2002 CL ₃₁₅		2002 02 12.29806	09 03 36.55	+21 42 02.8	2002 CX ₂₉₀	20.5	704	2003 LN ₉	2003 06 01.39428	17 06 50.91	-12 29 46.4	2003 KJ ₃₀		926
2002 DB ₂₀	*	2002 02 20.31649	11 16 31.16	+10 01 25.2	2002 EY ₁₄₀	19.9	704	2003 RP ₂₇	* 2003 09 03.36092	01 01 04.47	+03 49 35.5	2003 SZ ₂₀₆	19.0	704
2002 DB ₂₀		2002 02 20.33034	11 16 30.37	+10 01 28.0	2002 EY ₁₄₀	19.6	704	2003 RP ₂₇	2003 09 03.38442	01 01 03.90	+03 49 31.8	2003 SZ ₂₀₆	19.6	704
2002 DB ₂₀		2002 02 20.34429	11 16 29.73	+10 01 30.5	2002 EY ₁₄₀	19.8	704	2003 RP ₂₇	2003 09 03.39620	01 01 03.59	+03 49 30.3	2003 SZ ₂₀₆	19.8	704
2002 DB ₂₀		2002 02 20.35868	11 16 28.90	+10 01 33.3	2002 EY ₁₄₀	19.8	704	2003 RP ₂₇	2003 09 03.40808	01 01 03.30	+03 49 28.7	2003 SZ ₂₀₆	19.0	704
2002 DB ₂₀		2002 03 16.23878	10 53 37.37	+11 20 32.0	2002 EY ₁₄₀	19.6	704	2003 ST ₄₂₂	* 2003 09 19.14163	22 11 31.04	-10 55 41.6	2003 QG ₁₀₂	20.4 V	291
2002 DB ₂₀		2002 03 16.25220	10 53 36.54	+11 20 33.4	2002 EY ₁₄₀	20.1	704	2003 ST ₄₂₂	2003 09 19.16552	22 11 30.16	-10 55 45.8	2003 QG ₁₀₂	20.4 V	291
2002 DB ₂₀		2002 03 16.26560	10 53 35.81	+11 20 36.4	2002 EY ₁₄₀	19.9	704	2003 ST ₄₂₂	2003 09 19.18913	22 11 29.28	-10 55 50.2	2003 QG ₁₀₂	20.7 V	291
2002 DB ₂₀		2002 03 16.27902	10 53 34.97	+11 20 38.2	2002 EY ₁₄₀	19.6	704	2003 SU ₄₂₂	* 2003 09 27.37902	00 13 34.39	+06 04 16.2	2003 ST ₃₄₇	21.5 V	291
2002 DB ₂₀		2002 03 16.29249	10 53 34.23	+11 20 39.6	2002 EY ₁₄₀	19.8	704	2003 SU ₄₂₂	2003 09 27.40211	00 13 33.03	+06 04 08.0	2003 ST ₃₄₇	21.9 V	291
2002 DC ₂₀	*	2002 02 20.35704	11 50 37.30	+04 52 36.0	2002 EN ₁₃₆	21.9 V	291	2003 SU ₄₂₂	2003 09 27.42669	00 13 31.60	+06 03 59.3	2003 ST ₃₄₇	21.7 V	291
2002 DC ₂₀		2002 02 20.37748	11 50 36.47	+04 52 42.6	2002 EN ₁₃₆	22.1 V	291	2003 SV ₄₂₂	* 2003 09 29.14350	22 00 09.60	-07 17 03.3	2003 QB ₉	20.6 V	691
2002 DC ₂₀		2002 02 20.39763	11 50 35.64	+04 52 49.6	2002 EN ₁₃₆	22.0 V	291	2003 SV ₄₂₂	2003 09 29.16976	22 00 09.02	-07 17 07.8	2003 QB ₉	20.6 V	691
2002 EC ₁₆₂	*	2002 03 05.45140	13 06 32.62	-01 31 43.8	2002 GN ₁₁₃	20.8 V	291	2003 SV ₄₂₂	2003 09 29.19651	22 00 08.42	-07 17 12.2	2003 QB ₉	20.5 V	691
2002 EC ₁₆₂		2002 03 05.47188	13 06 31.93	-01 31 38.2	2002 GN ₁₁₃	20.7 V	291	2003 SW ₄₂₂	* 2003 09 26.262970	23 35 26.253+00	15 10.43	2003 SC ₃₄₁	21.37V	645

2003 SW ₄₂₂	2003 09 26.266442 23 35 26.082+00 15 09.73	2003 SC ₃₄₁	22.23	645	2004 WP ₁₂	2004 11 18.62148	03 33 35.73	+12 03 44.0	2004 VF ₇₄	20.0 R	E12
2003 SX ₄₂₂	* 2003 09 28.340120 01 13 15.232+00 58 34.27	2003 SS ₃₈₉	20.39V	645	2004 WP ₁₂	2004 11 18.62824	03 33 35.42	+12 03 44.0	2004 VF ₇₄	20.0 R	E12
2003 SX ₄₂₂	2003 09 28.343592 01 13 15.049+00 58 32.70	2003 SS ₃₈₉	21.11	645	2004 WP ₁₂	2004 11 18.63501	03 33 34.91	+12 03 43.3	2004 VF ₇₄	19.8 R	E12
2003 TM ₅₉	* 2003 10 02.19870 22 32 41.50 -03 56 15.7	2003 SQ ₄₂₁	21.5 V	291	2004 WP ₁₂	2004 11 19.28400	03 32 55.22	+12 02 57.3	2004 VF ₇₄	17.5 R	703
2003 TM ₅₉	2003 10 02.20239 22 32 41.39 -03 56 17.3	2003 SQ ₄₂₁	21.2 V	291	2004 WP ₁₂	2004 11 19.29221	03 32 54.53	+12 02 57.2	2004 VF ₇₄	18.4 R	703
2003 TM ₅₉	2003 10 02.20620 22 32 41.27 -03 56 17.8	2003 SQ ₄₂₁	21.5 V	291	2004 WP ₁₂	2004 11 19.30050	03 32 54.07	+12 02 56.6	2004 VF ₇₄	17.7 R	703
2003 UD ₄₁₄	* 2003 10 24.172280 23 08 42.094-00 02 06.08	2003 UL ₃₄₃	21.62V	645	2004 WP ₁₂	2004 11 19.30880	03 32 53.65	+12 02 55.6	2004 VF ₇₄	19.0 R	703
2003 UD ₄₁₄	2003 10 24.175752 23 08 42.040-00 02 07.41	2003 UL ₃₄₃	22.41	645	2004 XC ₁₉₂	* 2004 12 10.22161	03 50 32.42	+16 37 24.0	2004 YB ₇	19.5	704
2003 UE ₄₁₄	* 2003 10 19.174900 22 55 26.635-01 15 19.52	2003 SM ₆₆	20.76V	645	2004 XC ₁₉₂	2004 12 10.24609	03 50 30.84	+16 37 26.4	2004 YB ₇	19.8	704
2003 UE ₄₁₄	2003 10 19.178372 22 55 26.583-01 15 20.32	2003 SM ₆₆	21.77	645	2004 XC ₁₉₂	2004 12 10.25833	03 50 30.11	+16 37 27.9	2004 YB ₇	19.9	704
2003 UF ₄₁₄	* 2003 10 19.219690 00 00 08.032+00 10 56.30	2003 UV ₃₃₅	21.63V	645	2004 XD ₁₉₂	* 2004 12 13.87455	04 20 23.20	+22 23 14.7	2004 XC ₄₃	19.3 R	599
2003 UF ₄₁₄	2003 10 19.223162 00 00 07.902+00 10 55.57	2003 UV ₃₃₅	22.34	645	2004 XD ₁₉₂	2004 12 13.88448	04 20 22.60	+22 23 14.1	2004 XC ₄₃	19.5 R	599
2003 UG ₄₁₄	* 2003 10 22.224620 00 18 24.547-00 58 54.70	2003 UG ₃₃₈	21.24V	645	2004 XD ₁₉₂	2004 12 13.89439	04 20 21.95	+22 23 13.4	2004 XC ₄₃	19.4 R	599
2003 UG ₄₁₄	2003 10 22.228092 00 18 24.425-00 58 55.83	2003 UG ₃₃₈	21.86	645	2004 XD ₁₉₂	2004 12 13.90448	04 20 21.31	+22 23 12.4	2004 XC ₄₃	19.4 R	599
2003 UH ₄₁₄	* 2003 10 24.252140 01 04 01.629-00 05 03.47	2003 UJ ₃₅₂	20.30V	645	2004 XE ₁₉₂	* 2004 12 10.22143	03 50 02.15	+18 35 37.2	2004 YP ₈	20.0	704
2003 UH ₄₁₄	2003 10 24.255612 01 04 01.447-00 05 03.80	2003 UJ ₃₅₂	21.30	645	2004 XE ₁₉₂	2004 12 10.23367	03 50 01.48	+18 35 34.8	2004 YP ₈	19.6	704
2003 WP ₁₉₃	* 2003 11 20.196290 01 21 48.816-00 49 07.69	2003 SR ₃₃₅	20.98V	645	2004 XE ₁₉₂	2004 12 10.25815	03 50 00.17	+18 35 29.8	2004 YP ₈	19.9	704
2003 WP ₁₉₃	2003 11 20.199762 01 21 48.743-00 49 08.61	2003 SR ₃₃₅	21.67	645	2004 XF ₁₉₂	* 2004 12 14.20982	03 25 08.34	+16 07 06.4	2004 WG ₄	19.3 R	703
2003 YT ₁₈₁	* 2003 12 29.48388 08 46 54.93 +17 35 02.5	2003 YW ₁₇₀	21.0 V	691	2004 XF ₁₉₂	2004 12 14.21617	03 25 07.99	+16 07 05.7	2004 WG ₄	19.7 R	703
2003 YT ₁₈₁	2003 12 29.51196 08 46 53.97 +17 35 10.1	2003 YW ₁₇₀	21.2 V	691	2004 XF ₁₉₂	2004 12 14.22250	03 25 07.80	+16 07 03.9	2004 WG ₄	20.3 R	703
2003 YT ₁₈₁	2003 12 29.54023 08 46 53.02 +17 35 17.2	2003 YW ₁₇₀	21.9 V	691	2004 XF ₁₉₂	2004 12 14.22884	03 25 07.49	+16 07 03.3	2004 WG ₄	19.6 R	703
2003 YU ₁₈₁	* 2003 12 19.39684 08 10 14.75 +21 09 03.5	2002 TJ ₂₁₃	21.2 V	691	2004 YP ₃₆	* 2004 12 19.22605	03 51 51.32	+22 02 05.2	2004 XU ₆₅	20.0	704
2003 YU ₁₈₁	2003 12 19.41903 08 10 13.90 +21 09 09.5	2002 TJ ₂₁₃	21.0 V	691	2004 YP ₃₆	2004 12 19.23878	03 51 50.88	+22 02 04.3	2004 XU ₆₅	19.3	704
2003 YU ₁₈₁	2003 12 19.44056 08 10 13.05 +21 09 15.6	2002 TJ ₂₁₃	20.8 V	691	2004 YP ₃₆	2004 12 19.25156	03 51 50.36	+22 02 03.7	2004 XU ₆₅	20.1	704
2003 YV ₁₈₁	* 2003 12 22.32502 08 25 33.25 +11 07 29.9	2004 BP ₁₀	19.5	704	2005 BY ₄₈	* 2005 01 19.23869	08 09 25.37	+18 00 11.6	2005 AP ₆₆	20.9 V	691
2003 YV ₁₈₁	2003 12 22.33801 08 25 32.82 +11 07 27.6	2004 BP ₁₀	20.2	704	2005 BY ₄₈	2005 01 19.26442	08 09 23.63	+18 00 18.2	2005 AP ₆₆	20.4 V	691
2003 YV ₁₈₁	2003 12 22.36298 08 25 31.86 +11 07 21.8	2004 BP ₁₀	19.8	704	2005 BY ₄₈	2005 01 19.28983	08 09 21.96	+18 00 24.6	2005 AP ₆₆	20.8 V	691
2004 BD ₁₆₃	* 2004 01 18.40422 10 17 31.01 +20 08 43.0	2004 CT ₁₈	19.2	644	2005 BZ ₄₈	* 2005 01 19.23869	08 09 28.50	+18 00 44.3	2005 AQ ₆₆	21.3 V	691
2004 BD ₁₆₃	2004 01 18.42730 10 17 30.41 +20 08 54.3	2004 CT ₁₈	19.3	644	2005 BZ ₄₈	2005 01 19.26442	08 09 26.78	+18 00 50.9	2005 AQ ₆₆	20.8 V	691
2004 BD ₁₆₃	2004 01 18.44767 10 17 29.90 +20 09 04.1	2004 CT ₁₈	19.3	644	2005 BZ ₄₈	2005 01 19.28983	08 09 25.09	+18 00 57.0	2005 AQ ₆₆	20.7 V	691
2004 FW ₁₆₅	* 2004 03 18.38849 11 37 40.16 -00 38 05.1	2004 FL ₉	21.4 V	291	2005 CL ₇₉	* 2005 02 04.18005	06 46 47.49	+31 54 02.7	2004 XB ₁₆₀	19.7 R	G96
2004 FW ₁₆₅	2004 03 18.39314 11 37 39.92 -00 38 03.5	2004 FL ₉	21.4 V	291	2005 CL ₇₉	2005 02 04.18859	06 46 47.09	+31 54 01.9	2004 XB ₁₆₀	19.8 R	G96
2004 FW ₁₆₅	2004 03 18.39735 11 37 39.71 -00 38 02.2	2004 FL ₉	21.3 V	291	2005 CL ₇₉	2005 02 04.19706	06 46 46.73	+31 54 01.0	2004 XB ₁₆₀	20.3 R	G96
2004 HM ₇₈	* 2004 04 22.97804 14 45 12.74 -09 35 08.4	2004 HE ₂₁	19.4 R	599	2005 CL ₇₉	2005 02 04.20500	06 46 46.40	+31 54 00.2	2004 XB ₁₆₀	20.4 R	G96
2004 HM ₇₈	2004 04 22.98962 14 45 12.15 -09 35 05.3	2004 HE ₂₁	19.2 R	599	2005 EO ₃₂₅	* 2005 03 10.27582	10 15 42.58	+12 23 58.1	2005 EL ₁₁₀	21.1 R	G96
2004 HM ₇₈	2004 04 23.00119 14 45 11.51 -09 35 03.1	2004 HE ₂₁	19.3 R	599	2005 EO ₃₂₅	2005 03 10.28241	10 15 42.22	+12 24 00.8	2005 EL ₁₁₀	20.7 R	G96
2004 HM ₇₈	2004 04 23.01277 14 45 10.87 -09 35 00.5	2004 HE ₂₁	19.5 R	599	2005 EO ₃₂₅	2005 03 10.28903	10 15 41.87	+12 24 02.8	2005 EL ₁₁₀	20.8 R	G96
2004 HN ₇₈	* 2004 04 25.14204 11 42 52.45 +01 00 06.0	2004 FY ₅₈	22.0 V	691	2005 EO ₃₂₅	2005 03 10.29562	10 15 41.49	+12 24 05.2	2005 EL ₁₁₀	20.4 R	G96
2004 HN ₇₈	2004 04 25.17391 11 42 51.61 +01 00 13.3	2004 FY ₅₈	21.9 V	691	2005 EP ₃₂₅	* 2005 03 10.27582	10 15 48.00	+12 23 00.8	2005 EM ₁₁₀	20.3 R	G96
2004 HN ₇₈	2004 04 25.20630 11 42 50.63 +01 00 20.1	2004 FY ₅₈	21.9 V	691	2005 EP ₃₂₅	2005 03 10.28241	10 15 47.64	+12 23 02.8	2005 EM ₁₁₀	19.0 R	G96
2004 MN ₈	* 2004 06 17.18058 15 16 39.53 -18 39 41.6	2004 LV ₁₉	21.5 V	691	2005 EP ₃₂₅	2005 03 10.28903	10 15 47.30	+12 23 04.9	2005 EM ₁₁₀	18.4 R	G96
2004 MN ₈	2004 06 17.20770 15 16 38.79 -18 39 38.2	2004 LV ₁₉	21.0 V	691	2005 EP ₃₂₅	2005 03 10.29562	10 15 46.92	+12 23 07.0	2005 EM ₁₁₀	20.6 R	G96
2004 MN ₈	2004 06 17.23475 15 16 37.96 -18 39 34.3	2004 LV ₁₉	21.4 V	691	2005 EQ ₃₂₅	* 2005 03 14.19349	08 41 34.65	+21 26 17.5	2005 ED ₂₀₄	20.7 R	G96
2004 RG ₃₅₆	* 2004 09 10.86116 21 47 56.78 -16 27 43.8	2004 PN ₁₃	19.5 R	615	2005 EQ ₃₂₅	2005 03 14.19403	08 41 34.63	+21 26 17.4	2005 ED ₂₀₄	20.4 R	G96
2004 RG ₃₅₆	2004 09 10.86836 21 47 56.45 -16 27 45.4	2004 PN ₁₃	19.5 R	615	2005 EQ ₃₂₅	2005 03 14.20001	08 41 34.52	+21 26 17.3	2005 ED ₂₀₄	20.1 R	G96
2004 RG ₃₅₆	2004 09 10.87556 21 47 56.16 -16 27 46.4	2004 PN ₁₃	19.5 R	615	2005 EQ ₃₂₅	2005 03 14.20056	08 41 34.50	+21 26 17.4	2005 ED ₂₀₄	19.8 R	G96
2004 TG ₃₆₈	* 2004 10 09.20458 23 45 04.34 +02 24 49.8	2004 SX ₈	21.5 R	683	2005 EQ ₃₂₅	2005 03 14.20661	08 41 34.44	+21 26 17.2	2005 ED ₂₀₄	20.1 R	G96
2004 TG ₃₆₈	2004 10 09.21796 23 45 03.85 +02 24 46.5	2004 SX ₈	21.6 R	683	2005 EQ ₃₂₅	2005 03 14.20715	08 41 34.40	+21 26 17.1	2005 ED ₂₀₄	20.1 R	G96
2004 TG ₃₆₈	2004 10 09.23133 23 45 03.08 +02 24 43.0	2004 SX ₈	21.6 R	683	2005 EQ ₃₂₅	2005 03 14.21317	08 41 34.33	+21 26 17.1	2005 ED ₂₀₄	19.7 R	G96
2004 WP ₁₂	* 2004 11 17.57198 03 34 40.71 +12 04 52.5	2004 VF ₇₄	19.0 R	E12	2005 EQ ₃₂₅	2005 03 14.21370	08 41 34.31	+21 26 16.6	2005 ED ₂₀₄	20.0 R	G96
2004 WP ₁₂	2004 11 17.58037 03 34 40.19 +12 04 51.0	2004 VF ₇₄	19.2 R	E12	2005 ER ₃₂₅	* 2005 03 10.33252	11 28 11.74	+04 25 20.6	2005 EY ₁₀₃	21.3 R	G96
2004 WP ₁₂	2004 11 17.58876 03 34 39.64 +12 04 50.7	2004 VF ₇₄	19.4 R	E12	2005 ER ₃₂₅	2005 03 10.33962	11 28 11.43	+04 25 23.1	2005 EY ₁₀₃	20.9 R	G96
2004 WP ₁₂	2004 11 17.59715 03 34 39.04 +12 04 50.1	2004 VF ₇₄	18.8 R	E12	2005 ER ₃₂₅	2005 03 10.34673	11 28 11.09	+04 25 25.6	2005 EY ₁₀₃	22.0 R	G96

2005 ER ₃₂₅	2005 03 10.35387	11 28 10.67	+04 25 28.3	2005 EY ₁₀₃	21.0 R	G96	2005 FA ₁₂	2005 03 16.34440	11 21 40.05	+19 58 35.3	2003 WD ₁₅	19.8 R	703
2005 ES ₃₂₅	* 2005 03 10.24279	09 19 41.50	+16 19 41.2	2005 EA ₁₀₆	21.1 R	G96	2005 FA ₁₂	2005 03 16.35399	11 21 39.54	+19 58 38.3	2003 WD ₁₅	19.8 R	703
2005 ES ₃₂₅	2005 03 10.25078	09 19 41.14	+16 19 42.9	2005 EA ₁₀₆	21.0 R	G96	2005 FB ₁₂	* 2005 03 17.49401	13 47 03.60	-09 17 46.8	2005 EY ₂₈₈	20.1 V	691
2005 ES ₃₂₅	2005 03 10.25880	09 19 40.84	+16 19 44.2	2005 EA ₁₀₆	20.9 R	G96	2005 FB ₁₂	2005 03 17.50882	13 47 03.17	-09 17 42.8	2005 EY ₂₈₈	20.1 V	691
2005 ES ₃₂₅	2005 03 10.26675	09 19 40.52	+16 19 45.2	2005 EA ₁₀₆	21.3 R	G96	2005 FB ₁₂	2005 03 17.52167	13 47 02.78	-09 17 39.6	2005 EY ₂₈₈	20.0 V	691
2005 ET ₃₂₅	* 2005 03 10.24279	09 20 09.96	+16 19 03.0	2005 EB ₁₀₆	20.7 R	G96	2005 FB ₁₂	2005 04 04.34631	13 36 23.83	-07 45 27.3	2005 EY ₂₈₈	19.3	704
2005 ET ₃₂₅	2005 03 10.25078	09 20 09.68	+16 19 04.7	2005 EB ₁₀₆	20.5 R	G96	2005 FB ₁₂	2005 04 04.36706	13 36 22.90	-07 45 20.2	2005 EY ₂₈₈	19.6	704
2005 ET ₃₂₅	2005 03 10.25880	09 20 09.37	+16 19 06.6	2005 EB ₁₀₆	20.8 R	G96	2005 FB ₁₂	2005 04 04.37715	13 36 22.53	-07 45 16.1	2005 EY ₂₈₈	19.7	704
2005 ET ₃₂₅	2005 03 10.26675	09 20 09.10	+16 19 08.6	2005 EB ₁₀₆	20.7 R	G96	2005 FB ₁₂	2005 04 05.34813	13 35 41.66	-07 39 43.6	2005 EY ₂₈₈	19.7 R	703
2005 EU ₃₂₅	* 2005 03 04.31771	10 28 10.17	+09 52 38.0	2005 GD ₆₂	19.7 R	G96	2005 FB ₁₂	2005 04 05.35464	13 35 41.48	-07 39 41.0	2005 EY ₂₈₈	19.5 R	703
2005 EU ₃₂₅	2005 03 04.32302	10 28 09.78	+09 52 40.1	2005 GD ₆₂	20.0 R	G96	2005 FB ₁₂	2005 04 05.36118	13 35 41.06	-07 39 40.0	2005 EY ₂₈₈	19.6 R	703
2005 EU ₃₂₅	2005 03 04.32832	10 28 09.45	+09 52 40.9	2005 GD ₆₂	19.3 R	G96	2005 FB ₁₂	2005 04 05.36773	13 35 40.84	-07 39 37.8	2005 EY ₂₈₈	19.6 R	703
2005 EU ₃₂₅	2005 03 04.33362	10 28 09.12	+09 52 42.2	2005 GD ₆₂	21.0 R	G96	2005 FB ₁₂	2005 04 05.41441	13 35 38.86	-07 39 20.8	2005 EY ₂₈₈	18.9 R	G96
2005 EV ₃₂₅	* 2005 03 08.28557	11 56 31.11	-05 05 44.5	2007 RR ₁₆₄	21.4 V	691	2005 FB ₁₂	2005 04 05.42034	13 35 38.60	-07 39 18.8	2005 EY ₂₈₈	18.9 R	G96
2005 EV ₃₂₅	2005 03 08.31376	11 56 29.65	-05 05 34.1	2007 RR ₁₆₄	21.2 V	691	2005 FB ₁₂	2005 04 05.42626	13 35 38.33	-07 39 16.5	2005 EY ₂₈₈	18.4 R	G96
2005 EV ₃₂₅	2005 03 08.33911	11 56 28.36	-05 05 23.5	2007 RR ₁₆₄	21.1 V	691	2005 FB ₁₂	2005 04 05.43215	13 35 38.09	-07 39 14.8	2005 EY ₂₈₈	18.4 R	G96
2005 EW ₃₂₅	* 2005 03 10.30155	10 44 09.30	+10 44 45.3	2005 ER ₉₈	19.9 R	G96	2005 FC ₁₂	* 2005 03 18.34999	12 32 52.31	+00 38 21.3	2005 EF ₂₉₄	19.4 R	703
2005 EW ₃₂₅	2005 03 10.30928	10 44 08.86	+10 44 47.8	2005 ER ₉₈	20.2 R	G96	2005 FC ₁₂	2005 03 18.35697	12 32 52.08	+00 38 25.1	2005 EF ₂₉₄	19.4 R	703
2005 EW ₃₂₅	2005 03 10.31688	10 44 08.48	+10 44 49.9	2005 ER ₉₈	20.2 R	G96	2005 FC ₁₂	2005 03 18.36403	12 32 51.80	+00 38 28.0	2005 EF ₂₉₄	18.7 R	703
2005 EW ₃₂₅	2005 03 10.32446	10 44 08.09	+10 44 51.9	2005 ER ₉₈	20.8 R	G96	2005 FC ₁₂	2005 03 18.37109	12 32 51.39	+00 38 30.2	2005 EF ₂₉₄	19.6 R	703
2005 EX ₃₂₅	* 2005 03 08.23358	09 38 48.64	+13 02 56.1	2005 EJ ₄₀	20.5 R	G96	2005 FD ₁₂	* 2005 03 16.25103	09 29 05.79	+17 27 33.3	2005 ER ₂₂₈	21.1 R	G96
2005 EX ₃₂₅	2005 03 08.23909	09 38 48.42	+13 02 56.6	2005 EJ ₄₀	21.8 R	G96	2005 FD ₁₂	2005 03 16.25769	09 29 05.50	+17 27 33.5	2005 ER ₂₂₈	20.9 R	G96
2005 EX ₃₂₅	2005 03 08.24455	09 38 48.19	+13 02 58.4	2005 EJ ₄₀	21.2 R	G96	2005 FD ₁₂	2005 03 16.26432	09 29 05.41	+17 27 32.9	2005 ER ₂₂₈	21.0 R	G96
2005 EX ₃₂₅	2005 03 08.25000	09 38 47.94	+13 02 58.6	2005 EJ ₄₀	22.5 R	G96	2005 FD ₁₂	2005 03 16.27098	09 29 05.18	+17 27 33.8	2005 ER ₂₂₈	21.0 R	G96
2005 EY ₃₂₅	* 2005 03 10.36617	12 41 04.56	-01 35 24.0	2005 EP ₁₁₇	20.7 R	G96	2005 GE ₂₂₄	* 2005 04 12.32779	14 15 55.16	-09 31 44.1	2005 GB ₁₂₇	21.3 R	G96
2005 EY ₃₂₅	2005 03 10.37389	12 41 04.26	-01 35 21.1	2005 EP ₁₁₇	20.3 R	G96	2005 GE ₂₂₄	2005 04 12.32924	14 15 55.12	-09 31 43.6	2005 GB ₁₂₇	20.1 R	G96
2005 EY ₃₂₅	2005 03 10.38163	12 41 03.96	-01 35 17.4	2005 EP ₁₁₇	20.7 R	G96	2005 GE ₂₂₄	2005 04 12.33068	14 15 55.03	-09 31 43.2	2005 GB ₁₂₇	20.4 R	G96
2005 EY ₃₂₅	2005 03 10.38937	12 41 03.59	-01 35 13.9	2005 EP ₁₁₇	19.1 R	G96	2005 GE ₂₂₄	2005 04 12.33212	14 15 54.93	-09 31 43.3	2005 GB ₁₂₇	21.5 R	G96
2005 EZ ₃₂₅	* 2005 03 08.30418	10 43 51.76	+08 19 37.8	2005 EU ₆₃	20.2 R	G96	2005 GF ₂₂₄	* 2005 04 02.17535	09 27 38.31	+14 31 48.9	2005 ED ₄	20.9 R	G96
2005 EZ ₃₂₅	2005 03 08.31134	10 43 51.30	+08 19 38.6	2005 EU ₆₃	20.8 R	G96	2005 GF ₂₂₄	2005 04 02.18067	09 27 38.24	+14 31 49.3	2005 ED ₄	20.7 R	G96
2005 EZ ₃₂₅	2005 03 08.31846	10 43 50.88	+08 19 40.0	2005 EU ₆₃	19.9 R	G96	2005 GF ₂₂₄	2005 04 02.18599	09 27 38.11	+14 31 48.7	2005 ED ₄	20.1 R	G96
2005 EZ ₃₂₅	2005 03 08.32557	10 43 50.44	+08 19 42.2	2005 EU ₆₃	19.3 R	G96	2005 GF ₂₂₄	2005 04 02.19130	09 27 38.04	+14 31 49.2	2005 ED ₄	21.0 R	G96
2005 EA ₃₂₆	* 2005 03 10.39725	13 15 32.46	-09 44 45.3	2005 EP ₁₀₂	19.5 R	G96	2005 GG ₂₂₄	* 2005 04 09.26489	13 32 05.68	-10 11 49.4	2005 GW ₆₆	20.8 V	691
2005 EA ₃₂₆	2005 03 10.40323	13 15 32.28	-09 44 44.1	2005 EP ₁₀₂	19.6 R	G96	2005 GG ₂₂₄	2005 04 09.28298	13 32 04.82	-10 11 45.3	2005 GW ₆₆	20.5 V	691
2005 EA ₃₂₆	2005 03 10.40920	13 15 32.12	-09 44 43.2	2005 EP ₁₀₂	19.7 R	G96	2005 GG ₂₂₄	2005 04 09.30090	13 32 03.96	-10 11 40.5	2005 GW ₆₆	20.5 V	691
2005 EA ₃₂₆	2005 03 10.41520	13 15 31.95	-09 44 42.0	2005 EP ₁₀₂	19.6 R	G96	2005 GH ₂₂₄	* 2005 04 09.26242	13 39 56.95	-11 08 39.3	2005 GC ₇₅	21.6 V	691
2005 EB ₃₂₆	* 2005 03 01.16478	08 37 08.49	+20 43 24.0	2005 BB ₂₂	21.4 V	691	2005 GH ₂₂₄	2005 04 09.28047	13 39 56.04	-11 08 32.3	2005 GC ₇₅	21.5 V	691
2005 EB ₃₂₆	2005 03 01.18116	08 37 07.93	+20 43 26.1	2005 BB ₂₂	21.1 V	691	2005 GH ₂₂₄	2005 04 09.29823	13 39 55.20	-11 08 26.1	2005 GC ₇₅	21.4 V	691
2005 EB ₃₂₆	2005 03 01.19701	08 37 07.40	+20 43 28.5	2005 BB ₂₂	20.9 V	691	2005 GJ ₂₂₄	* 2005 04 04.21863	10 23 37.36	+10 38 43.1	2005 ER ₂₁	21.6 R	G96
2005 EC ₃₂₆	* 2005 03 08.30526	10 51 52.32	+06 55 16.8	2005 EG ₆₄	21.0 R	G96	2005 GJ ₂₂₄	2005 04 04.22468	10 23 37.18	+10 38 44.7	2005 ER ₂₁	20.2 R	G96
2005 EC ₃₂₆	2005 03 08.31242	10 51 51.97	+06 55 19.4	2005 EG ₆₄	20.2 R	G96	2005 GJ ₂₂₄	2005 04 04.23071	10 23 37.09	+10 38 46.1	2005 ER ₂₁	20.3 R	G96
2005 EC ₃₂₆	2005 03 08.31954	10 51 51.62	+06 55 22.3	2005 EG ₆₄	20.5 R	G96	2005 GJ ₂₂₄	2005 04 04.23675	10 23 36.93	+10 38 46.8	2005 ER ₂₁	20.3 R	G96
2005 EC ₃₂₆	2005 03 08.32664	10 51 51.28	+06 55 24.5	2005 EG ₆₄	20.6 R	G96	2005 GK ₂₂₄	* 2005 04 09.30619	12 03 07.78	+02 52 31.5	2005 EP ₂₁₃	21.0 R	G96
2005 ED ₃₂₆	* 2005 03 08.30687	11 04 12.70	+06 27 49.4	2005 ER ₆₅	19.9 R	G96	2005 GK ₂₂₄	2005 04 09.31153	12 03 07.56	+02 52 33.6	2005 EP ₂₁₃	20.1 R	G96
2005 ED ₃₂₆	2005 03 08.31403	11 04 12.32	+06 27 51.2	2005 ER ₆₅	20.8 R	G96	2005 GK ₂₂₄	2005 04 09.31689	12 03 07.33	+02 52 36.0	2005 EP ₂₁₃	20.7 R	G96
2005 ED ₃₂₆	2005 03 08.32115	11 04 11.92	+06 27 53.8	2005 ER ₆₅	21.2 R	G96	2005 GK ₂₂₄	2005 04 09.32223	12 03 07.07	+02 52 38.6	2005 EP ₂₁₃	19.9 R	G96
2005 ED ₃₂₆	2005 03 08.32825	11 04 11.55	+06 27 56.2	2005 ER ₆₅	21.4 R	G96	2005 GL ₂₂₄	* 2005 04 09.26242	13 39 05.62	-09 39 09.4	2005 GO ₆₇	21.0 V	691
2005 EE ₃₂₆	* 2005 03 08.27447	09 45 27.26	+14 03 02.3	2005 EJ ₅₉	20.4 R	G96	2005 GL ₂₂₄	2005 04 09.28047	13 39 04.80	-09 39 02.1	2005 GO ₆₇	21.0 V	691
2005 EE ₃₂₆	2005 03 08.28052	09 45 27.03	+14 03 04.0	2005 EJ ₅₉	20.9 R	G96	2005 GL ₂₂₄	2005 04 09.29823	13 39 04.01	-09 38 54.7	2005 GO ₆₇	20.6 V	691
2005 EE ₃₂₆	2005 03 08.28657	09 45 26.74	+14 03 05.9	2005 EJ ₅₉	21.0 R	G96	2005 HW ₉	* 2005 04 17.35578	14 14 51.29	-15 10 27.8	2005 GQ ₁₇₁	20.2 V	691
2005 EE ₃₂₆	2005 03 08.29264	09 45 26.46	+14 03 07.5	2005 EJ ₅₉	21.1 R	G96	2005 HW ₉	2005 04 17.37461	14 14 50.33	-15 10 26.3	2005 GQ ₁₇₁	20.3 V	691
2005 FA ₁₂	* 2005 03 16.32560	11 21 41.10	+19 58 32.0	2003 WD ₁₅	20.4 R	703	2005 HW ₉	2005 04 17.39298	14 14 49.36	-15 10 24.6	2005 GQ ₁₇₁	20.1 V	691
2005 FA ₁₂	2005 03 16.33500	11 21 40.47	+19 58 34.2	2003 WD ₁₅	19.4 R	703	2005 JC ₁₈₄	* 2005 05 10.22977	13 17 53.68	-05 35 43.6	2005 GK ₅₁	21.2 R	G96

2005 JC ₁₈₄	2005 05 10.23773	13 17 53.48	-05 35 41.3	2005 GK ₅₁	20.3 R	G96	2005 UC ₅₁₆	2005 10 25.42711	04 53 17.30	+22 05 07.0	2005 WD ₅₂	21.0 V	G96
2005 JC ₁₈₄	2005 05 10.24568	13 17 53.19	-05 35 38.6	2005 GK ₅₁	20.0 R	G96	2005 XC ₁₁₆ *	2005 12 05.27089	04 09 58.32	+04 19 06.3	2005 WV ₁₈₀	18.9 V	703
2005 JC ₁₈₄	2005 05 10.25365	13 17 52.96	-05 35 36.4	2005 GK ₅₁	20.2 R	G96	2005 XC ₁₁₆	2005 12 05.27836	04 09 57.92	+04 19 05.2	2005 WV ₁₈₀	19.3 V	703
2005 JD ₁₈₄ *	2005 05 10.30389	14 53 09.66	-17 36 14.8	2005 JH ₅₇	20.0 R	G96	2005 XC ₁₁₆	2005 12 05.28576	04 09 57.60	+04 19 03.4	2005 WV ₁₈₀	19.4 V	703
2005 JD ₁₈₄	2005 05 10.31057	14 53 09.33	-17 36 13.9	2005 JH ₅₇	19.8 R	G96	2005 XC ₁₁₆	2005 12 05.29319	04 09 57.09	+04 19 03.7	2005 WV ₁₈₀	19.4 V	703
2005 JD ₁₈₄	2005 05 10.31723	14 53 08.96	-17 36 12.3	2005 JH ₅₇	19.7 R	G96	2005 YZ ₂₉₀ *	2005 12 29.39476	08 44 41.45	+20 25 58.6	2005 YH ₁₇₉		691
2005 JD ₁₈₄	2005 05 10.32391	14 53 08.62	-17 36 11.4	2005 JH ₅₇	19.9 R	G96	2005 YZ ₂₉₀	2005 12 29.41205	08 44 40.82	+20 26 02.4	2005 YH ₁₇₉		691
2005 JE ₁₈₄ *	2005 05 15.42853	20 06 06.85	-14 40 59.9	2005 LQ ₄₆	18.6 R	G96	2005 YZ ₂₉₀	2005 12 29.42943	08 44 40.23	+20 26 05.5	2005 YH ₁₇₉		691
2005 JE ₁₈₄	2005 05 15.43646	20 06 07.12	-14 40 56.8	2005 LQ ₄₆	19.5 R	G96	2006 AF ₁₀₂ *	2006 01 05.24568	04 32 54.81	+22 07 25.2	2005 WU ₁₄₃	20.6 V	G96
2005 JE ₁₈₄	2005 05 15.44487	20 06 07.29	-14 40 53.6	2005 LQ ₄₆	18.7 R	G96	2006 AF ₁₀₂	2006 01 05.25507	04 32 54.49	+22 07 23.8	2005 WU ₁₄₃	20.2 V	G96
2005 JE ₁₈₄	2005 05 15.45329	20 06 07.61	-14 40 51.2	2005 LQ ₄₆	19.3 R	G96	2006 AF ₁₀₂	2006 01 05.26447	04 32 54.16	+22 07 22.2	2005 WU ₁₄₃	20.3 V	G96
2005 JF ₁₈₄ *	2005 05 08.28833	13 08 17.08	-07 11 05.6	2005 GB ₁₉₇	19.9 R	G96	2006 AF ₁₀₂	2006 01 05.27387	04 32 53.91	+22 07 20.7	2005 WU ₁₄₃	20.9 V	G96
2005 JF ₁₈₄	2005 05 08.29859	13 08 16.66	-07 11 04.2	2005 GB ₁₉₇	20.1 R	G96	2006 AG ₁₀₂ *	2006 01 07.38512	08 36 14.18	+21 01 18.2	2005 YR ₂₆₉	20.4 V	691
2005 JF ₁₈₄	2005 05 08.30859	13 08 16.20	-07 11 02.8	2005 GB ₁₉₇	19.9 R	G96	2006 AG ₁₀₂	2006 01 07.40256	08 36 13.34	+21 01 21.4	2005 YR ₂₆₉	20.7 V	691
2005 JF ₁₈₄	2005 05 08.31860	13 08 15.76	-07 11 01.5	2005 GB ₁₉₇	20.0 R	G96	2006 AG ₁₀₂	2006 01 07.42001	08 36 12.46	+21 01 24.4	2005 YR ₂₆₉	20.5 V	691
2005 JG ₁₈₄ *	2005 05 12.24738	13 33 58.96	-10 31 11.8	2005 GH ₁₅₂	20.4 R	G96	2006 AH ₁₀₂ *	2006 01 02.32624	08 07 57.57	+16 46 00.9	2005 YG ₁₇₈	20.6 V	G96
2005 JG ₁₈₄	2005 05 12.25550	13 33 58.74	-10 31 08.4	2005 GH ₁₅₂	20.7 R	G96	2006 AH ₁₀₂	2006 01 02.33326	08 07 57.14	+16 46 01.6	2005 YG ₁₇₈	21.1 V	G96
2005 JG ₁₈₄	2005 05 12.26360	13 33 58.45	-10 31 04.8	2005 GH ₁₅₂	20.3 R	G96	2006 AH ₁₀₂	2006 01 02.34050	08 07 56.71	+16 46 02.5	2005 YG ₁₇₈	20.6 V	G96
2005 JG ₁₈₄	2005 05 12.27171	13 33 58.25	-10 31 02.2	2005 GH ₁₅₂	20.1 R	G96	2006 AH ₁₀₂	2006 01 02.34755	08 07 56.31	+16 46 03.3	2005 YG ₁₇₈	20.7 V	G96
2005 KQ ₁₃ *	2005 05 16.35347	16 10 54.67	-12 07 59.9	2005 JD ₁₅₇	20.4 R	G96	2006 AJ ₁₀₂ *	2006 01 10.27512	08 01 24.78	+23 41 44.6	2005 YV ₂₄₄	21.5 V	G96
2005 KQ ₁₃	2005 05 16.36288	16 10 54.20	-12 07 59.2	2005 JD ₁₅₇	21.5 R	G96	2006 AJ ₁₀₂	2006 01 10.28157	08 01 24.52	+23 41 45.7	2005 YV ₂₄₄	20.9 V	G96
2005 KQ ₁₃	2005 05 16.37235	16 10 53.60	-12 07 57.3	2005 JD ₁₅₇	21.4 R	G96	2006 AJ ₁₀₂	2006 01 10.28802	08 01 24.09	+23 41 47.6	2005 YV ₂₄₄	21.1 V	G96
2005 KQ ₁₃	2005 05 16.38175	16 10 53.14	-12 07 57.0	2005 JD ₁₅₇	21.4 R	G96	2006 AJ ₁₀₂	2006 01 10.29449	08 01 23.73	+23 41 48.1	2005 YV ₂₄₄	21.8 V	G96
2005 KR ₁₃ *	2005 05 18.39922	15 42 56.06	-14 51 49.4	2005 LK ₃₃	19.8	644	2006 BJ ₂₇₆ *	2006 01 19.26494	08 45 01.80	+27 59 53.2	2006 AA ₈₃	19.6 V	703
2005 KR ₁₃	2005 05 18.41200	15 42 55.36	-14 51 45.3	2005 LK ₃₃	19.8	644	2006 BJ ₂₇₆	2006 01 19.27168	08 45 01.47	+27 59 55.8	2006 AA ₈₃	20.4 V	703
2005 KR ₁₃	2005 05 18.42490	15 42 54.72	-14 51 41.0	2005 LK ₃₃	19.8	644	2006 BJ ₂₇₆	2006 01 19.27840	08 45 00.93	+27 59 58.2	2006 AA ₈₃	19.0 V	703
2005 KS ₁₃ *	2005 05 27.95179	14 34 03.21	-16 06 12.1	2005 JV ₁₈	21.0 R	J87	2006 BJ ₂₇₆	2006 01 19.28514	08 45 00.57	+28 00 03.0	2006 AA ₈₃	19.5 V	703
2005 KS ₁₃	2005 05 27.96121	14 34 02.87	-16 06 11.4	2005 JV ₁₈	20.8 R	J87	2006 BK ₂₇₆ *	2006 01 22.26435	07 40 15.02	+19 00 23.3	2006 AW ₈₆	21.1 V	G96
2005 KS ₁₃	2005 05 27.97041	14 34 02.48	-16 06 10.2	2005 JV ₁₈	20.8 R	J87	2006 BK ₂₇₆	2006 01 22.26500	07 40 14.95	+19 00 23.2	2006 AW ₈₆	20.9 V	G96
2005 KT ₁₃ *	2005 05 20.29091	15 04 38.92	-13 43 38.7	2005 JM ₈₃	19.9 V	G96	2006 BK ₂₇₆	2006 01 22.27264	07 40 14.52	+19 00 24.8	2006 AW ₈₆	21.6 V	G96
2005 KT ₁₃	2005 05 20.29468	15 04 38.67	-13 43 37.7	2005 JM ₈₃	20.4 V	G96	2006 BK ₂₇₆	2006 01 22.27330	07 40 14.52	+19 00 25.0	2006 AW ₈₆	21.6 V	G96
2005 KT ₁₃	2005 05 20.29847	15 04 38.49	-13 43 36.5	2005 JM ₈₃	19.7 V	G96	2006 BK ₂₇₆	2006 01 22.28096	07 40 14.08	+19 00 26.8	2006 AW ₈₆	21.1 V	G96
2005 KT ₁₃	2005 05 20.30222	15 04 38.24	-13 43 35.2	2005 JM ₈₃	20.0 V	G96	2006 BK ₂₇₆	2006 01 22.28162	07 40 14.01	+19 00 26.8	2006 AW ₈₆	21.3 V	G96
2005 LN ₅₃ *	2005 06 13.35045	20 06 59.47	-20 06 28.5	2005 LA ₂₇	20.9 V	G96	2006 BK ₂₇₆	2006 01 22.28926	07 40 13.58	+19 00 28.3	2006 AW ₈₆	21.3 V	G96
2005 LN ₅₃	2005 06 13.35709	20 06 59.29	-20 06 28.8	2005 LA ₂₇	20.6 V	G96	2006 BK ₂₇₆	2006 01 22.28992	07 40 13.54	+19 00 28.5	2006 AW ₈₆	21.0 V	G96
2005 LN ₅₃	2005 06 13.36377	20 06 59.11	-20 06 29.2	2005 LA ₂₇	21.5 V	G96	2006 BL ₂₇₆ *	2006 01 25.30649	09 32 12.87	+11 14 00.4	2006 DG ₂₀₂		291
2005 LN ₅₃	2005 06 13.37042	20 06 58.93	-20 06 30.2	2005 LA ₂₇	20.5 V	G96	2006 BL ₂₇₆	2006 01 25.31033	09 32 12.65	+11 14 01.7	2006 DG ₂₀₂		291
2005 LO ₅₃ *	2005 06 03.54831	15 41 19.94	-08 59 04.2	2005 JG ₁₃₈	19.9 R	E12	2006 BL ₂₇₆	2006 01 25.31443	09 32 12.41	+11 14 02.8	2006 DG ₂₀₂		291
2005 LO ₅₃	2005 06 03.55590	15 41 19.55	-08 59 03.3	2005 JG ₁₃₈	19.1 R	E12	2006 BL ₂₇₆	2006 03 05.31587	08 56 00.49	+14 59 44.4	2006 DG ₂₀₂	19.4 V	703
2005 LO ₅₃	2005 06 03.56352	15 41 19.16	-08 59 02.6	2005 JG ₁₃₈	19.3 R	E12	2006 BL ₂₇₆	2006 03 05.32065	08 56 00.16	+14 59 46.2	2006 DG ₂₀₂	20.3 V	703
2005 LO ₅₃	2005 06 03.57113	15 41 18.81	-08 59 00.9	2005 JG ₁₃₈	18.9 R	E12	2006 BL ₂₇₆	2006 03 05.32542	08 56 00.09	+14 59 47.9	2006 DG ₂₀₂	20.3 V	703
2005 OE ₂₉ *	2005 07 28.30077	21 25 47.32	-13 03 23.0	2005 NH ₃	20.4	644	2006 BL ₂₇₆	2006 03 05.33007	08 55 59.84	+14 59 49.8	2006 DG ₂₀₂	20.6 V	703
2005 OE ₂₉	2005 07 28.32151	21 25 46.26	-13 03 28.4	2005 NH ₃	20.1	644	2006 BM ₂₇₆ *	2006 01 28.14071	02 52 05.55	+12 08 28.6	2005 UW ₁₁	20.2 V	G96
2005 OE ₂₉	2005 07 28.34606	21 25 44.95	-13 03 34.8	2005 NH ₃	20.0	644	2006 BM ₂₇₆	2006 01 28.14618	02 52 05.66	+12 08 30.0	2005 UW ₁₁	20.4 V	G96
2005 QJ ₁₈₃ *	2005 08 31.42306	00 53 36.82	+05 05 52.5	2005 SO ₁₂₀	20.7 V	691	2006 BN ₂₇₆ *	2006 01 31.49620	12 57 11.23	-03 18 38.5	2006 DV ₁₉₀	20.9 V	G96
2005 QJ ₁₈₃	2005 08 31.44044	00 53 36.26	+05 05 51.0	2005 SO ₁₂₀	20.5 V	691	2006 BN ₂₇₆	2006 01 31.50148	12 57 11.34	-03 18 38.4	2006 DV ₁₉₀	20.9 V	G96
2005 QJ ₁₈₃	2005 08 31.45780	00 53 35.64	+05 05 50.1	2005 SO ₁₂₀	20.5 V	691	2006 BN ₂₇₆	2006 01 31.50676	12 57 11.48	-03 18 38.6	2006 DV ₁₉₀	21.4 V	G96
2005 TN ₁₉₃ *	2005 10 07.26834	01 16 41.77	+08 38 51.2	2005 SC ₂₇₅	20.5 V	691	2006 BN ₂₇₆	2006 01 31.51204	12 57 11.62	-03 18 38.9	2006 DV ₁₉₀	21.1 V	G96
2005 TN ₁₉₃	2005 10 07.28566	01 16 40.70	+08 38 45.6	2005 SC ₂₇₅	20.3 V	691	2006 CN ₆₆ *	2006 02 07.44799	11 15 53.94	+05 44 10.9	2006 BX ₂₆₄		691
2005 TN ₁₉₃	2005 10 07.30311	01 16 39.61	+08 38 40.7	2005 SC ₂₇₅	20.0 V	691	2006 CN ₆₆	2006 02 07.46534	11 15 53.29	+05 44 17.0	2006 BX ₂₆₄		691
2005 UC ₅₁₆ *	2005 10 25.41101	04 53 17.66	+22 05 09.8	2005 WD ₅₂	21.0 V	G96	2006 CN ₆₆	2006 02 07.48269	11 15 52.67	+05 44 21.7	2006 BX ₂₆₄		691
2005 UC ₅₁₆	2005 10 25.41634	04 53 17.55	+22 05 08.9	2005 WD ₅₂	21.1 V	G96	2006 DZ ₂₁₅ *	2006 02 20.27393	09 06 17.20	+16 02 51.7	2006 CA ₅₂	21.0 V	G96
2005 UC ₅₁₆	2005 10 25.42175	04 53 17.41	+22 05 08.0	2005 WD ₅₂	20.8 V	G96	2006 DZ ₂₁₅	2006 02 20.28500	09 06 16.66	+16 02 56.1	2006 CA ₅₂	21.2 V	G96

2006 DZ ₂₁₅	2006 02 20.29494	09 06 16.20	+16 03 00.1	2006 CA ₅₂	21.4 V	G96	2006 KO ₁₄₃	2006 05 28.30735	15 37 51.24	-00 42 48.8	2006 KE ₈₇	19.7 V	G96
2006 DZ ₂₁₅	2006 02 20.30375	09 06 15.76	+16 03 02.7	2006 CA ₅₂	21.2 V	G96	2006 KO ₁₄₃	2006 05 28.30946	15 37 51.13	-00 42 48.4	2006 KE ₈₇	19.6 V	G96
2006 DA ₂₁₆	* 2006 02 25.36276	12 49 40.04	-05 26 37.8	2006 FU ₅	21.4 V	G96	2006 KO ₁₄₃	2006 05 28.31167	15 37 51.02	-00 42 47.8	2006 KE ₈₇	19.5 V	G96
2006 DA ₂₁₆	2006 02 25.36847	12 49 39.97	-05 26 36.4	2006 FU ₅	21.4 V	G96	2006 KO ₁₄₃	2006 05 28.31483	15 37 50.84	-00 42 47.5	2006 KE ₈₇	19.8 V	G96
2006 DA ₂₁₆	2006 02 25.37434	12 49 39.86	-05 26 35.4	2006 FU ₅	21.8 V	G96	2006 KO ₁₄₃	2006 05 28.31810	15 37 50.70	-00 42 46.4	2006 KE ₈₇	19.7 V	G96
2006 DA ₂₁₆	2006 02 25.38005	12 49 39.79	-05 26 34.4	2006 FU ₅	21.7 V	G96	2006 KO ₁₄₃	2006 05 28.32075	15 37 50.55	-00 42 45.5	2006 KE ₈₇	19.8 V	G96
2006 DB ₂₁₆	* 2006 02 22.28912	10 17 36.06	+01 22 46.7	2006 DU ₉	19.9 V	703	2006 KO ₁₄₃	2006 05 28.32141	15 37 50.52	-00 42 45.7	2006 KE ₈₇	19.7 V	G96
2006 DB ₂₁₆	2006 02 22.29610	10 17 35.62	+01 22 47.6	2006 DU ₉	20.2 V	703	2006 KO ₁₄₃	2006 05 28.32403	15 37 50.41	-00 42 45.0	2006 KE ₈₇	19.9 V	G96
2006 DB ₂₁₆	2006 02 22.30313	10 17 35.41	+01 22 49.0	2006 DU ₉	21.2 V	703	2006 KO ₁₄₃	2006 05 28.32469	15 37 50.34	-00 42 44.8	2006 KE ₈₇	19.8 V	G96
2006 DB ₂₁₆	2006 02 22.31017	10 17 34.80	+01 22 50.4	2006 DU ₉	20.2 V	703	2006 KO ₁₄₃	2006 05 28.32733	15 37 50.23	-00 42 44.1	2006 KE ₈₇	19.9 V	G96
2006 EN ₇₂	* 2006 03 03.16048	10 37 36.68	+08 58 25.3	1998 TY ₂₄		691	2006 KP ₁₄₃	* 2006 05 26.44310	21 33 11.16	-12 19 57.4	2006 PO ₉	21.5 V	G96
2006 EN ₇₂	2006 03 03.17788	10 37 35.85	+08 58 29.3	1998 TY ₂₄		691	2006 KP ₁₄₃	2006 05 26.44816	21 33 11.55	-12 19 55.2	2006 PO ₉	21.1 V	G96
2006 EN ₇₂	2006 03 03.19523	10 37 35.02	+08 58 34.8	1998 TY ₂₄		691	2006 KP ₁₄₃	2006 05 26.45324	21 33 11.91	-12 19 52.7	2006 PO ₉	21.0 V	G96
2006 EO ₇₂	* 2006 03 06.42082	12 59 54.83	-05 50 46.5	2006 EZ ₁₉		691	2006 KP ₁₄₃	2006 05 26.45828	21 33 12.31	-12 19 50.7	2006 PO ₉	21.7 V	G96
2006 EO ₇₂	2006 03 06.43820	12 59 54.18	-05 50 40.9	2006 EZ ₁₉		691	2006 KQ ₁₄₃	* 2006 05 31.21645	13 59 20.47	-13 45 42.0	2006 JA	20.0 V	G96
2006 EO ₇₂	2006 03 06.45552	12 59 53.60	-05 50 36.1	2006 EZ ₁₉		691	2006 KQ ₁₄₃	2006 05 31.22392	13 59 20.25	-13 45 41.1	2006 JA	20.3 V	G96
2006 EP ₇₂	* 2006 03 04.33242	12 16 42.01	-03 29 48.7	2006 DA ₁₄₉		691	2006 KQ ₁₄₃	2006 05 31.23140	13 59 20.07	-13 45 40.2	2006 JA	20.3 V	G96
2006 EP ₇₂	2006 03 04.34981	12 16 41.19	-03 29 44.2	2006 DA ₁₄₉		691	2006 KQ ₁₄₃	2006 05 31.23900	13 59 19.78	-13 45 39.1	2006 JA	20.9 V	G96
2006 EP ₇₂	2006 03 04.36720	12 16 40.35	-03 29 39.7	2006 DA ₁₄₉		691	2006 LB ₈	* 2006 06 01.20959	14 14 20.50	-14 44 10.9	2006 JB ₁₆	20.9 V	G96
2006 EQ ₇₂	* 2006 03 03.22673	11 13 59.41	+03 26 11.2	2006 DS ₁₆₃		691	2006 LB ₈	2006 06 01.21564	14 14 20.29	-14 44 09.8	2006 JB ₁₆	20.8 V	G96
2006 EQ ₇₂	2006 03 03.24407	11 13 58.57	+03 26 16.8	2006 DS ₁₆₃		691	2006 LB ₈	2006 06 01.22176	14 14 20.11	-14 44 08.4	2006 JB ₁₆	20.7 V	G96
2006 EQ ₇₂	2006 03 03.26142	11 13 57.71	+03 26 21.8	2006 DS ₁₆₃		691	2006 LB ₈	2006 06 01.22774	14 14 19.93	-14 44 07.6	2006 JB ₁₆	21.2 V	G96
2006 FZ ₅₃	* 2006 03 26.29324	12 08 57.87	+02 34 15.2	2006 DD ₁₈₇	21.5 V	G96	2006 SQ ₃₉₄	* 2006 09 26.38847	01 47 25.44	+00 41 50.5	2006 SH ₃₆₇	20.4 V	703
2006 FZ ₅₃	2006 03 26.30088	12 08 57.44	+02 34 17.6	2006 DD ₁₈₇	21.3 V	G96	2006 SQ ₃₉₄	2006 09 26.39725	01 47 25.18	+00 41 47.5	2006 SH ₃₆₇	19.4 V	703
2006 FZ ₅₃	2006 03 26.30824	12 08 57.01	+02 34 19.4	2006 DD ₁₈₇	21.2 V	G96	2006 SQ ₃₉₄	2006 09 26.40601	01 47 24.93	+00 41 44.0	2006 SH ₃₆₇	20.2 V	703
2006 FZ ₅₃	2006 03 26.31565	12 08 56.54	+02 34 22.1	2006 DD ₁₈₇	21.6 V	G96	2006 SQ ₃₉₄	2006 09 26.41479	01 47 24.57	+00 41 40.4	2006 SH ₃₆₇	20.3 V	703
2006 HR ₁₅₂	* 2006 04 18.26323	12 18 38.16	+12 45 41.9	2006 GS ₃₉	20.0 V	703	2006 TL ₁₂₁	* 2006 10 04.25737	01 43 56.89	+01 41 45.4	2006 SR ₂₁₁	20.1 V	G96
2006 HR ₁₅₂	2006 04 18.27130	12 18 37.72	+12 45 41.0	2006 GS ₃₉	20.1 V	703	2006 TL ₁₂₁	2006 10 04.26399	01 43 56.56	+01 41 43.9	2006 SR ₂₁₁	20.5 V	G96
2006 HR ₁₅₂	2006 04 18.27941	12 18 37.33	+12 45 41.9	2006 GS ₃₉	19.5 V	703	2006 TL ₁₂₁	2006 10 04.27061	01 43 56.28	+01 41 42.4	2006 SR ₂₁₁	20.5 V	G96
2006 HR ₁₅₂	2006 04 18.28749	12 18 37.00	+12 45 42.5	2006 GS ₃₉	20.0 V	703	2006 TL ₁₂₁	2006 10 04.27730	01 43 55.95	+01 41 41.0	2006 SR ₂₁₁	19.9 V	G96
2006 HS ₁₅₂	* 2006 04 21.62324	13 12 40.06	-16 54 27.3	2006 GM ₅₀	19.1 V	E12	2006 TL ₁₂₁	2006 11 13.18402	01 16 35.27	-00 33 16.2	2006 SR ₂₁₁	18.9	705
2006 HS ₁₅₂	2006 04 21.63483	13 12 39.49	-16 54 23.7	2006 GM ₅₀	19.4 V	E12	2006 TL ₁₂₁	2006 11 13.18485	01 16 35.24	-00 33 16.1	2006 SR ₂₁₁	18.2 V	705
2006 HS ₁₅₂	2006 04 21.64648	13 12 38.95	-16 54 19.2	2006 GM ₅₀	18.6 V	E12	2006 WY ₁₉₈	* 2006 11 18.21836	01 32 59.06	+04 58 25.6	2006 SM ₁₆₂	19.5 V	G96
2006 HS ₁₅₂	2006 04 21.65827	13 12 38.34	-16 54 14.7	2006 GM ₅₀	19.0 V	E12	2006 WY ₁₉₈	2006 11 18.22442	01 32 58.92	+04 58 24.6	2006 SM ₁₆₂	19.6 V	G96
2006 JH ₈₀	* 2006 05 06.22694	14 31 13.24	-14 53 03.0	2006 JO ₅₀	20.3 V	691	2006 WY ₁₉₈	2006 11 18.23059	01 32 58.81	+04 58 23.7	2006 SM ₁₆₂	19.4 V	G96
2006 JH ₈₀	2006 05 06.24430	14 31 12.39	-14 52 59.1	2006 JO ₅₀	20.0 V	691	2006 XR ₆₉	* 2006 12 13.23681	04 35 10.35	+25 31 06.6	2006 WO ₄₈	19.1 V	703
2006 JH ₈₀	2006 05 06.26166	14 31 11.51	-14 52 55.0	2006 JO ₅₀	20.0 V	691	2006 XR ₆₉	2006 12 13.24222	04 35 09.92	+25 31 04.4	2006 WO ₄₈	19.1 V	703
2006 JJ ₈₀	* 2006 05 01.31825	15 37 59.26	+02 53 42.4	2006 HD ₁₀₅	21.1 V	703	2006 XR ₆₉	2006 12 13.24764	04 35 09.60	+25 31 04.1	2006 WO ₄₈	19.6 V	703
2006 JJ ₈₀	2006 05 01.32823	15 37 58.87	+02 53 47.5	2006 HD ₁₀₅	21.0 V	703	2006 XR ₆₉	2006 12 13.25306	04 35 09.27	+25 31 02.6	2006 WO ₄₈	20.3 V	703
2006 JJ ₈₀	2006 05 01.33815	15 37 58.40	+02 53 51.1	2006 HD ₁₀₅	19.6 V	703	2006 YC ₅₂	* 2006 12 25.16954	03 24 02.59	+13 43 27.6	2006 WS ₄₃	19.6 V	G96
2006 JJ ₈₀	2006 05 01.34806	15 37 57.79	+02 53 55.0	2006 HD ₁₀₅	20.7 V	703	2006 YC ₅₂	2006 12 25.17932	03 24 02.34	+13 43 29.8	2006 WS ₄₃	19.6 V	G96
2006 JK ₈₀	* 2006 05 08.28612	16 34 19.59	-13 24 17.3	2002 AD ₂₃	20.0 V	G96	2006 YC ₅₂	2006 12 25.18560	03 24 02.16	+13 43 31.3	2006 WS ₄₃	19.8 V	G96
2006 JK ₈₀	2006 05 08.29157	16 34 19.30	-13 24 16.8	2002 AD ₂₃	20.3 V	G96	2006 YC ₅₂	2006 12 25.19192	03 24 01.98	+13 43 32.8	2006 WS ₄₃	19.7 V	G96
2006 JK ₈₀	2006 05 08.29694	16 34 19.05	-13 24 15.7	2002 AD ₂₃	19.8 V	G96	2007 BE ₇₆	* 2007 01 16.28802	07 40 26.94	+19 46 25.3	2006 XM ₄₉	20.8 V	G96
2006 JK ₈₀	2006 05 08.30247	16 34 18.76	-13 24 15.3	2002 AD ₂₃	20.0 V	G96	2007 BE ₇₆	2007 01 16.29426	07 40 26.58	+19 46 26.6	2006 XM ₄₉	20.6 V	G96
2006 JL ₈₀	* 2006 05 03.30137	14 28 48.00	-15 13 31.0	2006 KK ₇₉	20.7 V	G96	2007 BE ₇₆	2007 01 16.30043	07 40 26.18	+19 46 27.4	2006 XM ₄₉	20.8 V	G96
2006 JL ₈₀	2006 05 03.30440	14 28 47.85	-15 13 29.7	2006 KK ₇₉	21.1 V	G96	2007 BE ₇₆	2007 01 16.30660	07 40 25.82	+19 46 29.8	2006 XM ₄₉	20.8 V	G96
2006 JL ₈₀	2006 05 03.30734	14 28 47.67	-15 13 28.3	2006 KK ₇₉	21.1 V	G96	2007 CZ ₆₄	* 2007 02 13.20251	08 29 29.90	+19 08 47.6	2007 BU ₄₂	20.4 V	G96
2006 JL ₈₀	2006 05 03.31034	14 28 47.56	-15 13 27.1	2006 KK ₇₉	20.6 V	G96	2007 CZ ₆₄	2007 02 13.21083	08 29 29.47	+19 08 47.7	2007 BU ₄₂	20.6 V	G96
2006 KN ₁₄₃	* 2006 05 26.24082	15 37 09.90	-09 49 16.9	2006 JU ₁₂	21.7 V	691	2007 CZ ₆₄	2007 02 13.21907	08 29 29.00	+19 08 47.1	2007 BU ₄₂	20.3 V	G96
2006 KN ₁₄₃	2006 05 26.25822	15 37 08.90	-09 49 15.4	2006 JU ₁₂	21.2 V	691	2007 CZ ₆₄	2007 02 13.22718	08 29 28.50	+19 08 47.2	2007 BU ₄₂	20.4 V	G96
2006 KN ₁₄₃	2006 05 26.27564	15 37 07.90	-09 49 13.7	2006 JU ₁₂	21.5 V	691	2007 CA ₆₅	* 2007 02 10.23587	08 39 32.42	+19 07 56.8	2007 CQ ₂₄	20.4 R	644
2006 KO ₁₄₃	* 2006 05 28.30521	15 37 51.31	-00 42 49.5	2006 KE ₈₇	19.6 V	G96	2007 CA ₆₅	2007 02 10.25639	08 39 31.24	+19 08 02.7	2007 CQ ₂₄	19.9 R	644

2007 CA ₆₅	2007 02 10.27686	08 39 30.05	+19 08 08.9	2007 CQ ₂₄	20.2 R	644	2007 KD ₉	* 2007 05 20.34125	16 55 07.32	+11 56 48.4	2007 JS ₄₂	19.2 V	703
2007 DZ ₁₀₆	* 2007 02 21.30888	11 27 34.55	+07 40 28.0	2007 DO ₂₇	21.6 V	691	2007 KD ₉	2007 05 20.35044	16 55 06.85	+11 56 52.1	2007 JS ₄₂	19.2 V	703
2007 DZ ₁₀₆	2007 02 21.32719	11 27 33.69	+07 40 34.6	2007 DO ₂₇	21.8 V	691	2007 KD ₉	2007 05 20.35963	16 55 06.60	+11 56 55.6	2007 JS ₄₂	19.1 V	703
2007 DZ ₁₀₆	2007 02 21.34880	11 27 32.75	+07 40 42.4	2007 DO ₂₇	21.3 V	691	2007 KD ₉	2007 05 20.36887	16 55 06.27	+11 56 57.6	2007 JS ₄₂	19.2 V	703
2007 DA ₁₀₇	* 2007 02 21.31676	11 17 37.85	+05 44 33.9	2007 DL ₃₀	22.0 V	691	2007 OD ₁₀	* 2007 07 16.06534	22 05 06.11	-06 52 54.8	2007 NL ₃	18.5	A77
2007 DA ₁₀₇	2007 02 21.33853	11 17 36.63	+05 44 40.3	2007 DL ₃₀	21.8 V	691	2007 OD ₁₀	2007 07 16.07003	22 05 06.09	-06 52 55.5	2007 NL ₃	19.6	A77
2007 DA ₁₀₇	2007 02 21.36013	11 17 35.48	+05 44 45.5	2007 DL ₃₀	21.6 V	691	2007 OD ₁₀	2007 07 16.07471	22 05 05.99	-06 52 53.0	2007 NL ₃	19.0	A77
2007 DB ₁₀₇	* 2007 02 21.31676	11 17 45.46	+05 42 58.6	2007 DM ₃₀	20.7 V	691	2007 OE ₁₀	* 2007 07 18.40017	21 58 36.84	-10 08 09.8	2007 PC ₄₂	19.2 V	G96
2007 DB ₁₀₇	2007 02 21.33853	11 17 44.34	+05 43 03.6	2007 DM ₃₀	20.4 V	691	2007 OE ₁₀	2007 07 18.40337	21 58 36.76	-10 08 10.7	2007 PC ₄₂	19.3 V	G96
2007 DB ₁₀₇	2007 02 21.36013	11 17 43.26	+05 43 08.3	2007 DM ₃₀	20.2 V	691	2007 OE ₁₀	2007 07 18.40642	21 58 36.69	-10 08 11.6	2007 PC ₄₂	19.3 V	G96
2007 EU ₂₁₄	* 2007 03 15.40142	12 17 11.76	+02 52 20.3	2007 EK ₉₃		291	2007 OE ₁₀	2007 07 18.40961	21 58 36.62	-10 08 12.4	2007 PC ₄₂	19.4 V	G96
2007 EU ₂₁₄	2007 03 15.41156	12 17 11.29	+02 52 24.2	2007 EK ₉₃		291	2007 PU ₄₄	* 2007 08 12.06426	21 49 55.29	-07 31 24.3	2007 PA ₉	19.0 R	A77
2007 EU ₂₁₄	2007 03 15.42172	12 17 10.82	+02 52 26.9	2007 EK ₉₃		291	2007 PU ₄₄	2007 08 12.07053	21 49 55.01	-07 31 25.8	2007 PA ₉	19.3 R	A77
2007 FJ ₄₄	* 2007 03 16.30949	12 10 39.18	-00 04 47.2	2007 ER ₁₃₃	21.0 V	G96	2007 PU ₄₄	2007 08 12.07680	21 49 54.73	-07 31 28.5	2007 PA ₉	19.2 R	A77
2007 FJ ₄₄	2007 03 16.31601	12 10 38.85	-00 04 44.4	2007 ER ₁₃₃	21.3 V	G96	2007 PA ₄₅	* 2007 08 15.27152	23 20 08.93	-03 05 06.9	2007 PM ₄₃	19.6	704
2007 FJ ₄₄	2007 03 16.32249	12 10 38.53	-00 04 41.6	2007 ER ₁₃₃	20.9 V	G96	2007 PA ₄₅	2007 08 15.28365	23 20 08.48	-03 05 09.1	2007 PM ₄₃	19.5	704
2007 FJ ₄₄	2007 03 16.32897	12 10 38.17	-00 04 38.7	2007 ER ₁₃₃	21.0 V	G96	2007 PA ₄₅	2007 08 15.29573	23 20 08.17	-03 05 10.7	2007 PM ₄₃	19.8	704
2007 FK ₄₄	* 2007 03 16.34642	12 17 53.48	-01 37 31.0	2007 EW ₁₃₁	21.0 V	G96	2007 PA ₄₅	2007 08 15.30780	23 20 07.74	-03 05 12.8	2007 PM ₄₃	19.7	704
2007 FK ₄₄	2007 03 16.35271	12 17 53.19	-01 37 29.1	2007 EW ₁₃₁	21.0 V	G96	2007 PA ₄₅	2007 08 15.31989	23 20 07.42	-03 05 14.2	2007 PM ₄₃	19.8	704
2007 FK ₄₄	2007 03 16.35902	12 17 52.90	-01 37 26.8	2007 EW ₁₃₁	21.1 V	G96	2007 RA ₂₇₆	* 2007 09 10.32675	23 13 20.53	-03 19 16.5	2007 QN ₁₁	20.0 V	G96
2007 FK ₄₄	2007 03 16.36537	12 17 52.62	-01 37 25.3	2007 EW ₁₃₁	20.9 V	G96	2007 RA ₂₇₆	2007 09 10.33182	23 13 20.24	-03 19 16.7	2007 QN ₁₁	19.9 V	G96
2007 FL ₄₄	* 2007 03 16.30558	11 21 41.14	+03 50 33.0	2007 EQ ₁₂₇	20.7 V	G96	2007 RA ₂₇₆	2007 09 10.33670	23 13 19.95	-03 19 17.1	2007 QN ₁₁	19.9 V	G96
2007 FL ₄₄	2007 03 16.31208	11 21 40.78	+03 50 34.9	2007 EQ ₁₂₇	20.9 V	G96	2007 RA ₂₇₆	2007 09 10.34169	23 13 19.66	-03 19 17.1	2007 QN ₁₁	19.7 V	G96
2007 FL ₄₄	2007 03 16.31860	11 21 40.53	+03 50 37.7	2007 EQ ₁₂₇	20.8 V	G96	2007 RB ₂₇₆	* 2007 09 13.41637	01 03 57.28	+06 35 40.2	2007 RD ₄₇	20.8 V	691
2007 FL ₄₄	2007 03 16.32508	11 21 40.17	+03 50 39.8	2007 EQ ₁₂₇	20.7 V	G96	2007 RB ₂₇₆	2007 09 13.43406	01 03 56.58	+06 35 39.3	2007 RD ₄₇	21.2 V	691
2007 HB ₉₃	* 2007 04 24.44576	16 53 24.68	-02 06 10.0	2007 JN ₂₃	20.1 V	G96	2007 RB ₂₇₆	2007 09 13.45806	01 03 55.69	+06 35 37.6	2007 RD ₄₇	20.4 V	691
2007 HB ₉₃	2007 04 24.45340	16 53 24.61	-02 06 09.7	2007 JN ₂₃	20.1 V	G96	2007 RC ₂₇₆	* 2007 09 12.05365	01 29 06.62	+07 20 32.3	2007 RZ ₁₁	20.6	586
2007 HB ₉₃	2007 04 24.46862	16 53 24.14	-02 06 02.3	2007 JN ₂₃	21.6 V	G96	2007 RC ₂₇₆	2007 09 12.07438	01 29 06.20	+07 20 29.1	2007 RZ ₁₁	20.0	586
2007 HC ₉₃	* 2007 04 19.22127	14 07 20.06	-04 43 48.2	2007 ED ₁₁₇	20.6 R	H07	2007 RD ₂₇₆	* 2007 09 12.92204	22 07 12.58	+03 44 21.7	2007 RO ₁₄	18.5 R	A77
2007 HC ₉₃	2007 04 19.22863	14 07 19.73	-04 43 46.8	2007 ED ₁₁₇	20.4 R	H07	2007 RD ₂₇₆	2007 09 12.92570	22 07 12.40	+03 44 20.0	2007 RO ₁₄	18.2 R	A77
2007 HD ₉₃	* 2007 04 19.25951	13 19 43.03	-07 22 33.3	2007 HJ ₁₀	20.7 V	G96	2007 RE ₂₇₆	* 2007 09 13.24663	22 55 57.96	-07 41 23.3	2007 RC ₁₂₄		291
2007 HD ₉₃	2007 04 19.26588	13 19 42.74	-07 22 32.0	2007 HJ ₁₀	20.9 V	G96	2007 RE ₂₇₆	2007 09 13.25376	22 55 57.53	-07 41 23.7	2007 RC ₁₂₄		291
2007 HD ₉₃	2007 04 19.27220	13 19 42.45	-07 22 30.5	2007 HJ ₁₀	20.9 V	G96	2007 RE ₂₇₆	2007 09 13.25750	22 55 57.31	-07 41 23.9	2007 RC ₁₂₄		291
2007 HD ₉₃	2007 04 19.27995	13 19 42.09	-07 22 28.4	2007 HJ ₁₀	21.3 V	G96	2007 RF ₂₇₆	* 2007 09 13.35904	00 36 44.49	+08 40 28.2	2007 RC ₁₃₀	20.8 V	G96
2007 HE ₉₃	* 2007 04 22.22062	11 27 16.27	+02 50 09.2	2007 GL ₇₂	21.4 V	G96	2007 RF ₂₇₆	2007 09 13.36682	00 36 44.13	+08 40 27.6	2007 RC ₁₃₀	21.0 V	G96
2007 HE ₉₃	2007 04 22.22747	11 27 16.12	+02 50 09.8	2007 GL ₇₂	21.6 V	G96	2007 RF ₂₇₆	2007 09 13.37463	00 36 43.77	+08 40 26.9	2007 RC ₁₃₀	20.5 V	G96
2007 HE ₉₃	2007 04 22.23432	11 27 15.94	+02 50 10.6	2007 GL ₇₂	21.0 V	G96	2007 RF ₂₇₆	2007 09 13.38255	00 36 43.41	+08 40 26.1	2007 RC ₁₃₀	20.9 V	G96
2007 HE ₉₃	2007 04 22.24120	11 27 15.76	+02 50 11.9	2007 GL ₇₂	22.8 V	G96	2007 RG ₂₇₆	* 2007 09 15.55108	23 34 25.49	-05 11 39.2	2007 RG ₁₃₆	21.9 C	D35
2007 HF ₉₃	* 2007 04 23.27577	14 14 11.49	-17 01 13.4	2007 HC ₃₃		691	2007 RG ₂₇₆	2007 09 15.56916	23 34 24.52	-05 11 46.7	2007 RG ₁₃₆	21.6 C	D35
2007 HF ₉₃	2007 04 23.29490	14 14 10.30	-17 01 08.1	2007 HC ₃₃		691	2007 RG ₂₇₆	2007 09 15.58730	23 34 23.53	-05 11 53.6	2007 RG ₁₃₆	21.3 C	D35
2007 HF ₉₃	2007 04 23.31452	14 14 09.06	-17 01 03.7	2007 HC ₃₃		691	2007 RH ₂₇₆	* 2007 09 15.93758	23 50 15.14	-02 45 56.1	2007 RK ₁₃₇	19.5 V	J87
2007 HG ₉₃	* 2007 04 20.28909	13 37 05.19	-05 59 37.4	2007 HL ₁₃	21.5 V	G96	2007 RH ₂₇₆	2007 09 15.95429	23 50 14.09	-02 45 59.2	2007 RK ₁₃₇	19.6 V	J87
2007 HG ₉₃	2007 04 20.29476	13 37 04.83	-05 59 35.4	2007 HL ₁₃	21.2 V	G96	2007 RH ₂₇₆	2007 09 15.97101	23 50 13.02	-02 46 02.4	2007 RK ₁₃₇	19.4 V	J87
2007 HG ₉₃	2007 04 20.30028	13 37 04.51	-05 59 33.5	2007 HL ₁₃	21.2 V	G96	2007 RJ ₂₇₆	* 2007 09 15.53933	23 30 31.54	-04 57 19.6	2007 RD ₁₃₆	21.9 C	D35
2007 HG ₉₃	2007 04 20.30590	13 37 04.18	-05 59 31.9	2007 HL ₁₃	21.3 V	G96	2007 RJ ₂₇₆	2007 09 15.55910	23 30 30.43	-04 57 27.4	2007 RD ₁₃₆	21.0 C	D35
2007 JP ₄₄	* 2007 05 13.31646	15 15 43.66	-15 19 00.0	2007 HD ₂₈	19.7 V	G96	2007 RJ ₂₇₆	2007 09 15.57719	23 30 29.44	-04 57 35.1	2007 RD ₁₃₆	21.0 C	D35
2007 JP ₄₄	2007 05 13.32135	15 15 43.38	-15 18 58.1	2007 HD ₂₈	19.7 V	G96	2007 RK ₂₇₆	* 2007 09 12.29885	22 56 41.74	-07 29 32.4	2007 RC ₆₄	20.5 V	G96
2007 JP ₄₄	2007 05 13.32634	15 15 43.09	-15 18 56.2	2007 HD ₂₈	19.8 V	G96	2007 RK ₂₇₆	2007 09 12.30347	22 56 41.49	-07 29 33.9	2007 RC ₆₄	20.6 V	G96
2007 JP ₄₄	2007 05 13.33131	15 15 42.76	-15 18 54.5	2007 HD ₂₈	19.5 V	G96	2007 RK ₂₇₆	2007 09 12.30806	22 56 41.35	-07 29 35.4	2007 RC ₆₄	20.7 V	G96
2007 JQ ₄₄	* 2007 05 11.25604	11 33 32.40	+03 28 33.2	2007 HA ₂₉	20.5 V	G96	2007 RK ₂₇₆	2007 09 12.31272	22 56 41.13	-07 29 36.9	2007 RC ₆₄	20.5 V	G96
2007 JQ ₄₄	2007 05 11.26371	11 33 32.58	+03 28 33.5	2007 HA ₂₉	20.4 V	G96	2007 RL ₂₇₆	* 2007 09 15.27169	23 18 46.80	-00 04 01.7	2007 RL ₂₁₀	20.7 V	G96
2007 JQ ₄₄	2007 05 11.27147	11 33 32.76	+03 28 33.6	2007 HA ₂₉	20.8 V	G96	2007 RL ₂₇₆	2007 09 15.27742	23 18 46.47	-00 04 03.2	2007 RL ₂₁₀	20.6 V	G96
2007 JQ ₄₄	2007 05 11.27914	11 33 32.94	+03 28 34.1	2007 HA ₂₉	20.2 V	G96	2007 RL ₂₇₆	2007 09 15.28306	23 18 46.18	-00 04 04.8	2007 RL ₂₁₀	20.7 V	G96

2007 RL ₂₇₆	2007 09 15.28855	23 18 45.86	-00 04 06.1	2007 RL ₂₁₀	20.9 V	G96
2007 RM ₂₇₆ *	2007 09 15.45531	01 04 40.93	+10 45 47.5	2007 RE ₂₀₅		691
2007 RM ₂₇₆	2007 09 15.47295	01 04 40.30	+10 45 40.3	2007 RE ₂₀₅		691
2007 RM ₂₇₆	2007 09 15.49059	01 04 39.68	+10 45 33.4	2007 RE ₂₀₅		691
2007 RP ₂₇₆ *	2007 09 11.59780	00 09 04.79	+00 37 26.1	2004 XR ₁₃	18.8 R	D29
2007 RP ₂₇₆	2007 09 11.60763	00 09 04.38	+00 37 23.4	2004 XR ₁₃	18.7 R	D29
2007 RP ₂₇₆	2007 09 11.61701	00 09 03.92	+00 37 20.5	2004 XR ₁₃	18.9 R	D29
2007 RP ₂₇₆	2007 09 11.62646	00 09 03.59	+00 37 17.8	2004 XR ₁₃	19.4 R	D29
2007 RQ ₂₇₆ *	2007 09 14.29853	23 41 35.09	-07 37 28.0	2007 RT ₇₁	20.7 V	691
2007 RQ ₂₇₆	2007 09 14.31612	23 41 34.06	-07 37 31.2	2007 RT ₇₁	20.4 V	691
2007 RQ ₂₇₆	2007 09 14.33370	23 41 33.11	-07 37 34.6	2007 RT ₇₁	20.4 V	691
2007 RB ₂₈₂ *	2007 09 14.39225	00 24 45.94	-00 04 04.4	2007 RA ₁₄₈	19.3 R	699
2007 RB ₂₈₂	2007 09 14.41781	00 24 44.73	-00 04 13.9	2007 RA ₁₄₈		699
2007 RB ₂₈₂	2007 09 14.44339	00 24 43.51	-00 04 23.5	2007 RA ₁₄₈		699
2007 RB ₂₈₂	2007 09 14.46898	00 24 42.35	-00 04 33.8	2007 RA ₁₄₈		699
2007 RC ₂₈₂ *	2007 09 13.23871	00 54 25.57	+06 30 15.9	2007 RR ₃₆	19.5	704
2007 RC ₂₈₂	2007 09 13.26189	00 54 24.83	+06 30 09.0	2007 RR ₃₆	19.8	704
2007 RC ₂₈₂	2007 09 13.27347	00 54 24.46	+06 30 05.4	2007 RR ₃₆	19.9	704
2007 RC ₂₈₂	2007 09 13.28506	00 54 24.08	+06 30 01.8	2007 RR ₃₆	19.4	704
2007 RC ₂₈₂	2007 09 13.30038	00 54 23.64	+06 29 57.1	2007 RR ₃₆	19.0 R	699
2007 RC ₂₈₂	2007 09 13.32598	00 54 22.78	+06 29 49.8	2007 RR ₃₆		699
2007 RC ₂₈₂	2007 09 13.35159	00 54 21.93	+06 29 41.6	2007 RR ₃₆		699
2007 RC ₂₈₂	2007 09 13.37719	00 54 21.19	+06 29 33.0	2007 RR ₃₆		699
2007 RD ₂₈₂ *	2007 09 14.40503	00 53 49.37	+06 24 11.4	2007 RW ₂₁₇	19.3 R	699
2007 RD ₂₈₂	2007 09 14.43060	00 53 48.50	+06 24 02.7	2007 RW ₂₁₇		699
2007 RD ₂₈₂	2007 09 14.45619	00 53 47.68	+06 23 55.1	2007 RW ₂₁₇		699
2007 RD ₂₈₂	2007 09 14.48175	00 53 46.78	+06 23 46.0	2007 RW ₂₁₇		699
2007 RE ₂₈₂ *	2007 09 14.29625	01 04 24.67	+07 08 18.3	2007 RH ₁₇₆	19.6 V	G96
2007 RE ₂₈₂	2007 09 14.30215	01 04 24.45	+07 08 16.8	2007 RH ₁₇₆	19.6 V	G96
2007 RE ₂₈₂	2007 09 14.30806	01 04 24.20	+07 08 14.7	2007 RH ₁₇₆	19.8 V	G96
2007 RE ₂₈₂	2007 09 14.31395	01 04 23.95	+07 08 13.2	2007 RH ₁₇₆	19.8 V	G96
2007 RE ₂₈₂	2007 09 14.40594	01 04 19.97	+07 07 48.0	2007 RH ₁₇₆	19.8 R	699
2007 RE ₂₈₂	2007 09 14.43151	01 04 19.03	+07 07 40.8	2007 RH ₁₇₆		699
2007 RE ₂₈₂	2007 09 14.45710	01 04 17.91	+07 07 34.0	2007 RH ₁₇₆		699
2007 RE ₂₈₂	2007 09 14.48267	01 04 16.73	+07 07 28.2	2007 RH ₁₇₆		699
2007 RH ₂₈₂ *	2007 09 13.40122	00 48 31.15	+08 19 02.9	2007 TE ₂₃	20.9 V	691
2007 RH ₂₈₂	2007 09 13.41898	00 48 30.30	+08 19 03.5	2007 TE ₂₃	20.8 V	691
2007 RH ₂₈₂	2007 09 13.43667	00 48 29.50	+08 19 03.3	2007 TE ₂₃	20.9 V	691
2007 RJ ₂₈₂ *	2007 09 15.99452	00 56 17.51	+07 31 08.6	2007 RX ₁₃₅		621
2007 RJ ₂₈₂	2007 09 16.00726	00 56 17.02	+07 31 03.8	2007 RX ₁₃₅		621
2007 RJ ₂₈₂	2007 09 16.02001	00 56 16.50	+07 30 59.8	2007 RX ₁₃₅	21 R	621
2007 RM ₂₈₂ *	2007 09 15.45059	01 50 04.42	+12 08 22.5	2007 RK ₂₅₉		291
2007 RM ₂₈₂	2007 09 15.45447	01 50 04.33	+12 08 21.8	2007 RK ₂₅₉		291
2007 RM ₂₈₂	2007 09 15.45949	01 50 04.16	+12 08 21.1	2007 RK ₂₅₉		291
2007 RN ₂₈₂ *	2007 09 15.21329	22 16 18.27	-13 21 29.4	2007 RD ₂₃₆	19.1 R	699
2007 RN ₂₈₂	2007 09 15.23615	22 16 17.38	-13 21 37.3	2007 RD ₂₃₆		699
2007 RN ₂₈₂	2007 09 15.25894	22 16 16.41	-13 21 43.5	2007 RD ₂₃₆		699
2007 RN ₂₈₂	2007 09 15.28175	22 16 15.58	-13 21 50.6	2007 RD ₂₃₆		699
2007 RO ₂₈₂ *	2007 09 15.33061	00 25 30.64	+01 00 31.2	2007 RQ ₂₂₉	19.9 V	G96
2007 RO ₂₈₂	2007 09 15.33613	00 25 30.36	+01 00 29.7	2007 RQ ₂₂₉	19.8 V	G96
2007 RO ₂₈₂	2007 09 15.34173	00 25 30.03	+01 00 27.8	2007 RQ ₂₂₉	19.8 V	G96
2007 RO ₂₈₂	2007 09 15.34740	00 25 29.74	+01 00 26.2	2007 RQ ₂₂₉	19.9 V	G96
2007 RP ₂₈₂ *	2007 09 15.34597	00 56 41.72	+00 52 28.6	2007 RL ₂₀₇		691

2007 RP ₂₈₂	2007 09 15.36136	00 56 41.12	+00 52 23.1	2007 RL ₂₀₇		691
2007 RP ₂₈₂	2007 09 15.37421	00 56 40.58	+00 52 19.3	2007 RL ₂₀₇		691
2007 SU ₁₁ *	2007 09 19.98687	01 23 12.57	+09 10 08.9	2007 SX	19.7 V	B01
2007 SU ₁₁	2007 09 19.98983	01 23 12.44	+09 10 08.8	2007 SX	19.7 V	B01
2007 SU ₁₁	2007 09 19.99575	01 23 12.12	+09 10 09.3	2007 SX	20.2 V	B01
2007 SU ₁₁	2007 09 19.99870	01 23 12.05	+09 10 09.5	2007 SX	19.2 V	B01
2007 SW ₁₁ *	2007 09 18.95952	23 26 33.11	-02 18 31.9	2007 SK	18.5 R	A77
2007 SW ₁₁	2007 09 18.96595	23 26 32.81	-02 18 34.1	2007 SK	18.5 R	A77
2007 SW ₁₁	2007 09 18.97236	23 26 32.50	-02 18 37.3	2007 SK	18.0 R	A77
2007 SW ₁₁	2007 09 18.97878	23 26 32.16	-02 18 39.7	2007 SK	18.6 R	A77
2007 SP ₁₇ *	2007 09 19.54952	22 29 02.99	+00 29 36.9	2007 QV ₃	18.1 R	300
2007 SP ₁₇	2007 09 19.55078	22 29 02.95	+00 29 36.5	2007 QV ₃	17.9 R	300
2007 SP ₁₇	2007 09 19.55206	22 29 02.87	+00 29 36.2	2007 QV ₃	17.9 R	300
2007 SA ₁₈ *	2007 09 19.91343	23 07 01.46	+01 12 51.4	2007 SP ₁	20.0	A77
2007 SA ₁₈	2007 09 19.92343	23 07 00.99	+01 12 47.1	2007 SP ₁	20.0	A77
2007 SA ₁₈	2007 09 19.93304	23 07 00.54	+01 12 42.5	2007 SP ₁	20.0	A77
2007 SB ₁₈ *	2007 09 18.33455	01 28 38.73	+08 39 35.8	2007 RK ₂₄₄	20.1 R	699
2007 SB ₁₈	2007 09 18.35649	01 28 37.81	+08 39 29.7	2007 RK ₂₄₄		699
2007 SB ₁₈	2007 09 18.37843	01 28 37.15	+08 39 25.5	2007 RK ₂₄₄		699
2007 SB ₁₈	2007 09 18.40038	01 28 36.17	+08 39 19.2	2007 RK ₂₄₄		699
2007 SC ₁₈ *	2007 09 18.24439	23 46 25.94	-20 21 23.4	2007 RG ₂₇₇	18.6 R	699
2007 SC ₁₈	2007 09 18.26729	23 46 24.79	-20 21 29.3	2007 RG ₂₇₇		699
2007 SC ₁₈	2007 09 18.29012	23 46 23.65	-20 21 34.2	2007 RG ₂₇₇		699
2007 SC ₁₈	2007 09 18.31296	23 46 22.37	-20 21 39.9	2007 RG ₂₇₇		699
2007 SC ₁₈	2007 10 02.60211	23 34 49.58	-20 55 58.4	2007 RG ₂₇₇	19.4 V	E12
2007 SC ₁₈	2007 10 02.61237	23 34 49.22	-20 55 59.3	2007 RG ₂₇₇	19.5 V	E12
2007 SC ₁₈	2007 10 02.62259	23 34 48.57	-20 55 57.8	2007 RG ₂₇₇	19.6 V	E12
2007 SC ₁₈	2007 10 02.63286	23 34 48.21	-20 55 59.5	2007 RG ₂₇₇	19.7 V	E12
2007 TA ₁₈₈ *	2007 10 09.76454	00 20 08.09	+02 23 29.0	2007 TE ₁₉	21.2 R	188
2007 TA ₁₈₈	2007 10 09.78243	00 20 07.28	+02 23 23.1	2007 TE ₁₉	20.8 R	188
2007 TA ₁₈₈	2007 10 09.79899	00 20 06.59	+02 23 17.7	2007 TE ₁₉	20.9 R	188
2007 TG ₁₈₈ *	2007 10 10.23752	22 35 33.72	-01 31 47.7	2007 RW ₂₅₄	20.3 V	G96
2007 TG ₁₈₈	2007 10 10.24784	22 35 33.46	-01 31 49.1	2007 RW ₂₅₄	20.6 V	G96
2007 TG ₁₈₈	2007 10 10.25349	22 35 33.32	-01 31 49.6	2007 RW ₂₅₄	20.6 V	G96
2007 TG ₁₈₈	2007 10 10.25917	22 35 33.21	-01 31 50.7	2007 RW ₂₅₄	20.9 V	G96
2007 TH ₁₈₈ *	2007 10 09.27039	00 04 41.26	-06 27 14.5	2007 RG ₂₆₆	20.5 V	G96
2007 TH ₁₈₈	2007 10 09.27664	00 04 40.94	-06 27 17.4	2007 RG ₂₆₆	20.7 V	G96
2007 TH ₁₈₈	2007 10 09.28293	00 04 40.65	-06 27 20.3	2007 RG ₂₆₆	20.4 V	G96
2007 TH ₁₈₈	2007 10 09.28921	00 04 40.36	-06 27 23.3	2007 RG ₂₆₆	20.6 V	G96

NUMBERING OF PERIODIC COMETS

Continuation to the list on *MPC* 60617.

192P/1990 V1 = 2007 T3 (Shoemaker-Levy)
 193P/2001 Q5 = 2007 U2 (LINEAR-NEAT)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

024 Heidelberg-Königstuhl. Observer F. Hormuth. 0.70-m reflector + CCD.
 046 Kleť. Observers M. Tichý, M. Honková, J. Tichá. Measurers M. Tichý,
 M. Honková. 0.57-m *f*/5.2 reflector + CCD.

- 071 Rhozen. Observer A. Kostov. Measurer B. Bilkina. 0.50-m $f/3.44$ Schmidt + CCD.
- 104 San Marcello Pistoiese. Observers L. Tesi, G. Fagioli, M. Mazzucato, F. Dolfi. Measurers L. Tesi, G. Fagioli, M. Mazzucato. 0.60-m $f/4$ reflector + CCD.
- 118 Modra. Observers Š. Gajdoš, J. Világi. 0.6-m $f/5.5$ reflector + CCD.
- 130 Lumezzane. Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini. Measurer W. Marinello. 0.40-m $f/4.5$ reflector + CCD.
- 138 Village-Neuf. Observers C. Demeautis, D. Matter. Measurer C. Demeautis. 0.20-m $f/9$ Cassegrain + CCD, 0.35-m $f/4.6$ reflector + CCD.
- 151 Eschenberg Observatory, Winterthur. Observer M. Griesser. 0.40-m $f/5.9$ Hypergraph + CCD.
- 157 Frasso Sabino. Observers R. Haver, P. Caponnetto. Measurer R. Haver. 0.37-m $f/5.8$ Cassegrain + CCD.
- 170 Observatorio de Begues. Observer J. Manteca. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 196 Homburg-Erbach. Observer W. Wiedemann. 0.20-m $f/5$ Schmidt-Cassegrain + CCD.
- 203 GiaGa Observatory. Observer G. Galli. 0.13-m $f/6.4$ refractor + CCD.
- 204 Schiaparelli Observatory. Observers L. Buzzi, M. Marinelli, V. Di Michele, F. Luppi. Measurer L. Buzzi. 0.36-m $f/7.87$ Schmidt-Cassegrain + CCD, 0.60-m $f/4.64$ reflector + CCD.
- 213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 224 Ottmarsheim. Observer C. Rinner. 0.4-m $f/3$ reflector + CCD.
- 232 Masquefa Observatory. Observer E. Reina. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- 235 CAST Observatory, Talmassons. Observer R. Ligustri. 0.35-m $f/5$ reflector + CCD.
- 246 Kleť Observatory-KLENOT. Observers J. Tichá, M. Tichý. Measurer M. Tichý. 1.06-m KLENOT Telescope + CCD.
- 249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measurements by K. Battams, reductions by B. G. Marsden.
- 291 LPL/Spacewatch II. Observers J. V. Scotti, R. S. McMillan. Measurer J. V. Scotti. 1.8-m $f/2.7$ reflector + CCD.
- 300 Bisei Spaceguard Center-BATTeRS. Observers S. Okumura, T. Sakamoto. 1.0-m $f/3.0$ reflector + CCD.
- 349 Ago. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 355 Hadano. Observer A. Asami. 0.28-m $f/5.0$ reflector + CCD.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 413 Siding Spring. Observers K. Sárneczky, L. Kiss. Measurer K. Sárneczky. 1.02-m reflector + CCD, 2.3-m reflector + CCD.
- 415 Kambah, near Canberra. Observer D. Herald. 0.36-m $f/3.9$ Schmidt-Cassegrain + CCD.
- 423 North Ryde. Observer S. G. McAndrew. 0.20-m $f/4$ hyperbolic astrograph + CCD.
- 442 Gualba Observatory. Observer A. Sánchez. 0.36-m $f/7$ Schmidt-Cassegrain + CCD.
- 458 Guadarrama Observatory. Observer D. Rodríguez. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 461 University of Szeged, Piskésető Stn. (Konkoly). Observer G. Szabó. Measurer K. Sárneczky. 0.60-m Schmidt + CCD.
- 473 Remanzacco. Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero. 0.45-m $f/4.4$ Newtonian reflector + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observer A. C. Gilmore. 1.0-m $f/7.7$ reflector + CCD.
- 510 Siegen. Observers M. Jung, H. Bill. Measurer H. Bill. 0.30-m $f/5$ reflector + CCD.
- 585 Kiev comet station. Observers A. Baransky, A. Zhdanov. 0.7-m $f/4$ reflector + CCD.
- 595 Farra d'Isonzo. Observers E. Pettarin, G. Lombardi, L. Bittesini. Measurers G. Lombardi, E. Pettarin. 0.40-m $f/4.5$ reflector + CCD.
- 619 Sabadell. Observer R. Casas. 0.50-m $f/4$ reflector + CCD.
- 620 Observatorio Astronómico de Mallorca. Observers J. Rodriguez, S. Sanchez, R. Stoss, J. Nomen, A. Cikota, S. Cikota. 0.30-m $f/9$ Schmidt-Cassegrain + CCD.
- 651 Grasslands Observatory, Tucson. Observer J. E. McGaha. 0.62-m $f/5.1$ Newtonian reflector + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observer J. Young. 0.61-m $f/16$ Cassegrain + CCD.
- 691 Steward Observatory, Kitt Peak. Observers T. H. Bressi, J. V. Scotti, A. F. Tubbiolo, M. T. Read, R. S. McMillan. 0.9-m $f/3$ reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers B. A. Skiff, S. Karcz. Measurers B. W. Koehn, B. A. Skiff, S. Karcz. 0.59-m LONEOS Schmidt + CCD.
- 701 Junk Bond Observatory, Sierra Vista. Observer D. Healy. 0.81-m $f/4.4$ Ritchey-Chrétien + CCD.
- 703 Catalina Sky Survey. Observers R. E. Hill, R. A. Kowalski, A. R. Gibbs, E. Beshore, A. Boattini. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 0.68-m Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, J. Kistler. Measurers J. Stuart, S. Scruggs. 1.0-m $f/2.15$ reflector + CCD.
- 734 Farpoint Observatory. Observer G. Hug. 0.7-m reflector + CCD.
- 808 El Leoncito. Observers H. S. Lepez, J. A. Vicentela. Measurer H. S. Lepez. 0.5-m $f/7.5$ double astrograph + CCD.
- 844 Los Molinos. Observer R. Salvo. 0.35-m reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, M. L. Greenwood. 0.30-m $f/3$ Schmidt-Cassegrain + CCD, 0.35-m $f/8.2$ Ritchey-Chrétien + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 987 Isle of Man Observatory, Foxdale. Observer D. Storey. 0.4-m Schmidt-Cassegrain + CCD.
- A01 Masia Cal Maciarol Modul 1. Observer F. Baldris. 0.20-m $f/5.0$ Newtonian reflector + CCD.
- A02 Masia Cal Maciarol Modul 8. Observers J. L. Salto, A. Salto. Measurer J. L. Salto. 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD.
- A06 Mataro. Observer E. Cortès. 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD.
- A10 Observatori Astronomic de Corbera. Observers J. Barceló, M. Casao, F. Morillas, C. Rodriguez. Measurer J. Barceló. 0.30-m $f/5.0$ Newtonian reflector + CCD.

- A18 Herne. Observer B. Brinkmann. 0.2-m $f/5.8$ Schmidt-Cassegrain + CCD.
 A21 Irmtraut. Observer J. J. Müller. 0.31-m $f/4.8$ reflector + CCD.
 A24 New Millennium Observatory, Mozzate. Observer E. Cozzi. 0.36-m $f/7.6$ Schmidt-Cassegrain + CCD.
 A77 Observatoire Chante-Perdrix, Dauban. Observers C. Rinner, F. Kugel. 0.5-m $f/3$ reflector + CCD.
 A80 Lindenberg Observatory. Observer A. Knöfel. 0.30-m $f/4$ reflector + CCD.
 A82 Osservatorio Astronomico di Trieste. Observers C. Cremaschini, C. Zamberlan. Measurer C. Cremaschini. 0.36-m $f/7$ Schmidt-Cassegrain + CCD.
 A97 Stammesdorf. Observer W. Vollmann. 0.13-m $f/4$ refractor + CCD.
 B02 Kielce. Observers P. Kankiewicz, M. Grudzinska. Measurer P. Kankiewicz. 0.35-m $f/5.5$ Schmidt-Cassegrain + CCD.
 B04 Saint-Barthelemy Observatory. Observers A. Carbognani, P. Calcidesse. Measurer A. Carbognani. 0.81-m $f/7.9$ reflector + CCD.
 B06 Montseny Astronomical Observatory. Observer J. M. Trigo-Rodriguez. 0.18-m $f/6$ reflector + CCD.
 B15 Inastars Observatory, Potsdam (since 2006). Observer B. Thinius. 0.36-m $f/7.5$ Schmidt-Cassegrain + CCD.
 B19 Observatori Iluro, Mataro. Observer J. M. Villegas. 0.15-m $f/8.0$ refractor + CCD.
 B20 Observatori Carmelita, Tiana. Observer J. M. Aymami. 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD, 0.25-m $f/6.9$ Schmidt-Cassegrain + CCD.
 B32 Gelenau. Observer M. Behnke. 0.30-m $f/4$ reflector + CCD.
 B33 Libbiano Observatory, Peccioli. Observers P. Bacci, R. Emilio, D. Antonacci. Measurer P. Bacci. 0.5-m $f/8$ Ritchey-Chrétien + CCD.
 B39 Tradate. Observer L. Comolli. Measurers L. Comolli, F. Manca. 0.30-m $f/2.0$ Schmidt + CCD.
 B48 Bocholt. Observer G. Weselowski. 0.15-m $f/4.8$ reflector + CCD.
 B49 Paus Observatory, Sabadell. Observer J. Camarasa. 0.20-m $f/5$ Newtonian reflector + CCD.
 D29 Purple Mountain Observatory, XuYi Station. Observers H. B. Zhao, J. S. Yao, Y. Z. Wu, G. T. Zhaori, M. Wang, R. Q. Hong, L. F. Hu. Measurers H. B. Zhao, G. T. Zhaori, H. Lu, F. Zeng. 1.04-m $f/1.8$ Schmidt + CCD.
 D35 Lulin Observatory. Observer Q.-z. Ye. 0.41-m $f/8.8$ Ritchey-Chrétien + CCD.
 D70 Tosa. Observer S. Shimomoto. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD.
 D81 Nagano. Observer Y. Ohshima. 0.3-m $f/4.5$ reflector + CCD.
 D88 Hiratsuka. Observer Y. Sugiyama. 0.25-m $f/5.0$ reflector + CCD.
 E11 Frog Rock Observatory, Mudgee. Observer S. Quirk. 0.32-m reflector + CCD.
 E12 Siding Spring Survey. Observers G. J. Garradd, R. H. McNaught. 0.5-m Uppsala Schmidt + CCD.
 G96 Mt. Lemmon Survey. Observers A. Boattini, S. M. Larson, A. R. Gibbs, E. Beshore, R. E. Hill, R. A. Kowalski, A. D. Grauer. 1.5-m reflector + CCD.
 H06 RAS Observatory, Mayhill. Observers M. Suzuki, E. Guido, G. Sostero. 0.25-m $f/3.4$ reflector + CCD, 0.30-m $f/11.9$ reflector + CCD.
 H47 Vicksburg. Observer C. Bell. 0.3-m Schmidt-Cassegrain + CCD.
 H51 Greiner Research Observatory, Verona. Observer M. Mills. 0.4-m $f/8$ Ritchey-Chrétien + CCD.
 H55 Astronomical Research Observatory, Charleston. Observer R. Holmes. 0.40-m $f/5.8$ Schmidt-Cassegrain + CCD.

- H68 Red Barn Observatory, Ty Ty. Observer S. Farmer, Jr. 0.30-m $f/5$ Cassegrain + CCD.
 I05 Las Campanas Observatory-TIE. Observer D. Mendicini. 0.35-m $f/7.0$ Cassegrain + CCD.
 I77 CEAMIG-REA Observatory, Belo Horizonte. Observers C. Jacques, E. Pimentel. Measurer C. Jacques. 0.30-m $f/3.0$ Schmidt-Cassegrain + CCD.
 J39 Ingenio. Observer J. A. Moreno Q. 0.25-m $f/4$ Schmidt-Newtonian + CCD.
 J40 Malaga. Observer J. M. Ruiz M. 0.20-m $f/5$ Newtonian reflector + CCD.
 J44 Observatorio Iturrieta, Alava. Observer L. Etxazarra. 0.3-m $f/3.3$ Schmidt-Cassegrain + CCD.
 J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodriguez R. 0.15-m $f/5$ reflector.
 J46 Observatorio Montana Blanca, Tias. Observer C. Piret. 0.20-m Schmidt-Cassegrain + CCD.
 J47 Observatorio Nazaret. Observer G. Muler. 0.20-m Schmidt-Cassegrain + CCD.
 J49 Santa Pola. Observer V. J. Molina. 0.25-m $f/4.0$ Schmidt-Cassegrain + CCD.
 J51 Observatorio Atlante, Tenerife. Observer J. A. Henriquez. 0.2-m $f/9$ Cassegrain + CCD.
 J52 Observatorio Pinsoro. Observer O. Canales. 0.25-m $f/3.2$ reflector + CCD.
 J53 Posadas. Observer R. Benavides. 0.28-m $f/5.0$ Schmidt-Cassegrain + CCD.
 J59 Observatorio Linceo, Santander. Observer J. Temprano. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
 J64 La Mata. Observer J. Garcia. 0.20-m $f/5.0$ Schmidt-Cassegrain + CCD.
 J70 Obs. Astronomico Vega del Thader, El Palmar. Observer J. P. Navarro P. 0.25-m Schmidt-Cassegrain + CCD.
 J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m $f/10$ Schmidt-Cassegrain + CCD, 0.40-m $f/6.3$ Schmidt-Cassegrain + CCD.
 J78 Murcia. Observer J. Sanchez. 0.25-m $f/10.5$ Schmidt-Cassegrain + CCD.
 J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.25-m $f/5.5$ Schmidt-Cassegrain + CCD.
 J95 Great Shefford. Observer P. Birtwhistle. 0.40-m $f/6.0$ Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/2003 WT₄₂ (LINEAR)						
C/2003 WT ₄₂	2007 05 08.85849		12 40 48.35	+22 36 34.6	17.2 N	A24
C/2003 WT ₄₂	2007 05 08.86517		12 40 48.24	+22 36 32.6	17.2 N	A24
C/2003 WT ₄₂	2007 05 08.87723		12 40 48.00	+22 36 29.1	17.3 N	A24
P/2004 A1 (LONEOS)						
P/2004 A1	2007 08 07.34294		14 37 07.36	-04 32 19.4		474
P/2004 A1	2007 08 07.34745		14 37 07.41	-04 32 20.3	19.9 N	474
P/2004 A1	2007 08 07.35174		14 37 07.46	-04 32 20.4	20.2 N	474
P/2004 A1	2007 08 07.35579		14 37 07.56	-04 32 21.6	20.3 N	474
C/2004 B1 (LINEAR)						
C/2004 B1	2007 05 08.92327		15 39 20.76	+60 10 46.6	17.3 N	A24
C/2004 B1	2007 05 08.93026		15 39 19.97	+60 10 48.7	17.7 N	A24
C/2004 B1	2007 05 08.94321		15 39 18.51	+60 10 52.3	18.0 N	A24
C/2004 B1	2007 05 08.95019		15 39 17.78	+60 10 54.2	18.2 N	A24
C/2004 B1	2007 05 08.96364		15 39 16.27	+60 10 58.0	18.2 N	A24
C/2004 B1	2007 05 08.97112		15 39 15.47	+60 10 59.8	18.0 N	A24

C/2004 B1	2007 05 12.94014	15 32 02.51	+60 26 30.2	17.9 N	A24
C/2004 B1	2007 05 12.94756	15 32 01.69	+60 26 31.9	18.0 N	A24
C/2004 B1	2007 05 12.96131	15 32 00.16	+60 26 34.7	17.9 N	A24
C/2004 B1	2007 05 12.96864	15 31 59.37	+60 26 36.1	18.0 N	A24
C/2004 B1	2007 05 12.98258	15 31 57.81	+60 26 38.7	18.0 N	A24

C/2004 D1 (NEAT)

C/2004 D1	2007 08 04.92278	13 43 48.65	+21 48 15.9	19.8 N	204
-----------	------------------	-------------	-------------	--------	-----

C/2004 E5 (SOHO)

C/2004 E5	2004 03 01.32090	23 03 19.1	-08 07 36		3 249
Geocentric position (AU)	+0.01088328	+0.00017000	-0.00059247		
C/2004 E5	2004 03 01.34590	23 02 55.0	-08 04 48		3 249
Geocentric position (AU)	+0.01088363	+0.00017210	-0.00059211		
C/2004 E5	2004 03 01.36256	23 02 33.4	-08 03 29		3 249
Geocentric position (AU)	+0.01088386	+0.00017349	-0.00059187		
C/2004 E5	2004 03 01.38756	23 02 05.1	-08 00 51		3 249
Geocentric position (AU)	+0.01088421	+0.00017559	-0.00059152		
C/2004 E5	2004 03 01.40423	23 01 41.6	-07 59 08		3 249
Geocentric position (AU)	+0.01088444	+0.00017698	-0.00059128		
C/2004 E5	2004 03 01.43056	23 01 13.4	-07 57 02		3 249
Geocentric position (AU)	+0.01088480	+0.00017918	-0.00059090		
C/2004 E5	2004 03 01.44590	23 00 55.6	-07 55 06		3 249
Geocentric position (AU)	+0.01088501	+0.00018046	-0.00059069		
C/2004 E5	2004 03 01.47090	23 00 20.6	-07 52 08		3 249
Geocentric position (AU)	+0.01088536	+0.00018255	-0.00059033		
C/2004 E5	2004 03 01.51256	22 59 27.5	-07 46 56		3 249
Geocentric position (AU)	+0.01088593	+0.00018602	-0.00058974		
C/2004 E5	2004 03 01.52923	22 59 08.2	-07 44 26		3 249
Geocentric position (AU)	+0.01088615	+0.00018741	-0.00058951		

P/2004 F3 (NEAT)

P/2004 F3	2007 08 21.77334	03 23 16.71	+06 59 09.2	18.0 T	300
P/2004 F3	2007 08 21.77531	03 23 16.70	+06 59 08.9		300
P/2004 F3	2007 08 21.77730	03 23 16.71	+06 59 09.0		300
P/2004 F3	2007 08 21.78122	03 23 16.75	+06 59 08.8		300
P/2004 F3	2007 08 21.78517	03 23 16.77	+06 59 08.2		300
P/2004 F3	2007 08 21.78910	03 23 16.84	+06 59 08.1		300
P/2004 F3	2007 08 21.79106	03 23 16.85	+06 59 07.9		300
P/2004 F3	2007 10 07.36827	03 17 45.02	+05 54 27.0	18.1 T	703
P/2004 F3	2007 10 07.37727	03 17 44.88	+05 54 26.9	17.9 T	703
P/2004 F3	2007 10 07.38626	03 17 44.66	+05 54 26.2	17.6 T	703
P/2004 F3	2007 10 07.39528	03 17 44.37	+05 54 23.9	17.5 T	703
P/2004 F3	2007 10 10.40812	03 16 23.13	+05 48 19.8	19.1 T	699
P/2004 F3	2007 10 10.42366	03 16 22.70	+05 48 19.0		699
P/2004 F3	2007 10 10.43921	03 16 22.18	+05 48 16.8		699
P/2004 F3	2007 10 10.45475	03 16 21.73	+05 48 14.8		699
P/2004 F3	2007 10 16.03575	03 13 35.84	+05 37 01.7		204
P/2004 F3	2007 10 16.10430	03 13 33.68	+05 36 53.8	19.0 N	204
P/2004 F3	2007 10 16.43300	03 13 23.08	+05 36 15.3	18.2 T	703
P/2004 F3	2007 10 16.44127	03 13 22.83	+05 36 14.0	18.2 T	703
P/2004 F3	2007 10 16.44951	03 13 22.44	+05 36 11.0	18.4 T	703
P/2004 F3	2007 10 16.45779	03 13 22.22	+05 36 10.1	17.8 T	703

C/2005 EL₁₇₃ (LONEOS)

C/2005 EL ₁₇₃	2007 10 06.71615	03 54 00.09	-32 40 38.9		349
C/2005 EL ₁₇₃	2007 10 06.72083	03 53 59.62	-32 40 41.9		349
C/2005 EL ₁₇₃	2007 10 06.72551	03 53 59.13	-32 40 44.7	16.0 T	349
C/2005 EL ₁₇₃	2007 10 08.70318	03 50 34.00	-33 00 09.6	17.2 N	474
C/2005 EL ₁₇₃	2007 10 08.70654	03 50 33.61	-33 00 11.1	17.2 N	474

C/2005 L3 (McNaught)

C/2005 L3	2007 09 27.81755	16 46 04.68	-01 09 12.8	15.1 N	945
C/2005 L3	2007 09 27.82016	16 46 04.64	-01 09 11.7	15.1 N	945
C/2005 L3	2007 09 27.82500	16 46 04.57	-01 09 12.6	14.8 N	945
C/2005 L3	2007 09 27.82774	16 46 04.63	-01 09 14.1	14.9 N	945
C/2005 L3	2007 09 27.83222	16 46 04.70	-01 09 12.0	15.0 N	945
C/2005 L3	2007 09 28.40051	16 46 02.64	-01 09 15.5		349
C/2005 L3	2007 09 28.40603	16 46 02.61	-01 09 15.7	14.9 T	349
C/2005 L3	2007 09 29.79360	16 45 58.75	-01 09 21.0	15.1 N	939
C/2005 L3	2007 09 29.79962	16 45 58.73	-01 09 20.9	15.0 N	939
C/2005 L3	2007 09 29.80564	16 45 58.73	-01 09 20.8	15.1 N	939
C/2005 L3	2007 09 30.78311	16 45 56.74	-01 09 23.5		170
C/2005 L3	2007 10 05.14995	16 45 54.78	-01 09 30.0	15.0 N	105
C/2005 L3	2007 10 05.15089	16 45 54.78	-01 09 30.0	15.0 N	105
C/2005 L3	2007 10 05.15232	16 45 54.77	-01 09 30.0	15.0 N	105
C/2005 L3	2007 10 05.15301	16 45 54.77	-01 09 29.8	15.0 N	105
C/2005 L3	2007 10 05.15356	16 45 54.78	-01 09 29.9	15.0 N	105
C/2005 L3	2007 10 06.76609	16 45 57.07	-01 09 32.2	15.1 N	A10
C/2005 L3	2007 10 06.76797	16 45 57.10	-01 09 31.8	15.0 N	A10
C/2005 L3	2007 10 06.76986	16 45 57.11	-01 09 31.7	15.0 N	A10
C/2005 L3	2007 10 06.77175	16 45 57.12	-01 09 31.1	15.1 N	A10
C/2005 L3	2007 10 06.77363	16 45 57.06	-01 09 31.4	15.1 N	A10
C/2005 L3	2007 10 06.77447	16 45 57.08	-01 09 31.9	15.8 N	235
C/2005 L3	2007 10 06.78212	16 45 57.14	-01 09 32.9	15.0 N	A18
C/2005 L3	2007 10 08.78433	16 46 01.87	-01 09 30.4	15.1 N	458
C/2005 L3	2007 10 08.78994	16 46 01.85	-01 09 28.9	15.1 N	458
C/2005 L3	2007 10 08.79557	16 46 01.83	-01 09 28.7	15.1 N	458
C/2005 L3	2007 10 09.77609	16 46 05.04	-01 09 26.7	15.1 N	939
C/2005 L3	2007 10 09.78304	16 46 05.06	-01 09 26.7	15.0 N	939
C/2005 L3	2007 10 09.78769	16 46 05.08	-01 09 26.7	15.0 N	939
C/2005 L3	2007 10 10.82236	16 46 09.06	-01 09 23.1	15.6 N	J64
C/2005 L3	2007 10 10.82456	16 46 09.06	-01 09 23.1	15.6 N	J64
C/2005 L3	2007 10 10.82686	16 46 09.05	-01 09 23.0	15.8 N	J64
C/2005 L3	2007 10 13.77979	16 46 23.16	-01 09 05.5	16.0 N	A77
C/2005 L3	2007 10 13.78869	16 46 23.21	-01 09 05.3	15.8 N	A77
C/2005 L3	2007 10 13.79849	16 46 23.27	-01 09 04.5	16.0 N	A77
C/2005 L3	2007 10 14.74060	16 46 28.70	-01 08 57.7	15.5 N	235
C/2005 L3	2007 10 14.79248	16 46 29.05	-01 08 56.7	16.4 N	A21
C/2005 L3	2007 10 14.81213	16 46 29.13	-01 08 56.6	16.0 N	A21
C/2005 L3	2007 10 14.81411	16 46 29.21	-01 08 56.2	16.0 N	A21

C/2005 S4 (McNaught)

C/2005 S4	2007 09 16.49797	19 19 44.97	+17 12 22.5	17.4 T	355
C/2005 S4	2007 09 16.50731	19 19 44.64	+17 12 21.2		355
C/2005 S4	2007 09 16.50965	19 19 44.52	+17 12 20.8		355
C/2005 S4	2007 09 16.51198	19 19 44.47	+17 12 21.2		355
C/2005 S4	2007 09 23.86483	19 15 51.89	+16 58 30.1	18.7 N	473

C/2005 S4	2007 09 28.81686	19 13 41.95	+16 48 50.1	18.5 N	A77
C/2005 S4	2007 09 28.85653	19 13 41.01	+16 48 45.1	18.7 N	A77
C/2005 S4	2007 09 30.79305	19 12 56.16	+16 44 56.9	19.2 N	213
C/2005 S4	2007 09 30.79930	19 12 55.95	+16 44 56.5	19.2 N	213
C/2005 S4	2007 09 30.80554	19 12 55.74	+16 44 56.3	19.2 N	213
C/2005 S4	2007 10 02.83132	19 12 12.19	+16 40 58.6	17.8 N	A24
C/2005 S4	2007 10 02.83231	19 12 12.23	+16 40 58.7	17.7 N	A24
C/2005 S4	2007 10 02.85146	19 12 11.77	+16 40 56.1	18.1 N	A24
C/2005 S4	2007 10 02.87480	19 12 11.29	+16 40 53.5	17.7 N	A24
C/2005 S4	2007 10 02.90132	19 12 10.72	+16 40 51.1	17.5 N	A24
C/2005 S4	2007 10 02.90434	19 12 10.75	+16 40 50.5	17.7 N	A24
C/2005 S4	2007 10 06.86137	19 10 56.25	+16 33 11.8	17.5 N	A18
C/2005 S4	2007 10 14.81392	19 09 05.30	+16 18 59.0	16.2 N	A18

P/2005 Y2 (McNaught)

P/2005 Y2	2007 10 16.43409	03 42 28.72	+03 09 07.9	17.9 T	703
P/2005 Y2	2007 10 16.44235	03 42 28.58	+03 09 07.5	18.0 T	703
P/2005 Y2	2007 10 16.45061	03 42 28.36	+03 09 06.9	17.9 T	703
P/2005 Y2	2007 10 16.45887	03 42 28.11	+03 09 05.1	17.9 T	703
P/2005 Y2	2007 10 19.29987	03 41 23.32	+03 03 57.8	19.2 T	704
P/2005 Y2	2007 10 19.31054	03 41 23.07	+03 03 55.9	19.5 T	704
P/2005 Y2	2007 10 19.32121	03 41 22.75	+03 03 58.2	20.5 T	704
P/2005 Y2	2007 10 19.33187	03 41 22.52	+03 03 53.5	19.7 T	704
P/2005 Y2	2007 10 19.34255	03 41 22.16	+03 03 51.4	20.0 T	704

C/2006 HW₅₁ (Siding Spring)

C/2006 HW ₅₁	2007 08 07.85247	19 28 40.45	+36 36 01.4		118
C/2006 HW ₅₁	2007 08 07.86268	19 28 40.01	+36 35 59.7		118

C/2006 K1 (McNaught)

C/2006 K1	2007 10 01.74257	03 46 41.48	-29 53 47.2	17.0 T	423
C/2006 K1	2007 10 01.75686	03 46 41.09	-29 53 48.5	17.3 T	423
C/2006 K1	2007 10 02.71185	03 46 15.93	-29 54 39.1	16.8 T	423
C/2006 K1	2007 10 02.73141	03 46 15.40	-29 54 40.1	16.9 T	423
C/2006 K1	2007 10 08.68675	03 43 18.19	-29 57 40.8	17.8 N	474
C/2006 K1	2007 10 08.69034	03 43 18.06	-29 57 40.5	17.9 N	474
C/2006 K1	2007 10 10.69938	03 42 11.05	-29 57 45.4		349
C/2006 K1	2007 10 10.72874	03 42 09.99	-29 57 45.3	16.4 T	349
C/2006 K1	2007 10 13.73613	03 40 23.00	-29 56 41.8	18.7 N	415
C/2006 K1	2007 10 19.65765	03 36 32.12	-29 50 39.0	18.6 N	415
C/2006 K1	2007 10 19.66329	03 36 31.90	-29 50 38.7	18.8 N	415
C/2006 K1	2007 10 20.61135	03 35 52.77	-29 49 08.8	16.1 T	E12

C/2006 K3 (McNaught)

C/2006 K3	2007 09 30.08550	03 35 12.54	+52 54 13.6		118
C/2006 K3	2007 09 30.08962	03 35 12.04	+52 54 18.0		118
C/2006 K3	2007 10 06.97637	03 19 18.94	+55 00 52.3	17.8 N	235

C/2006 K4 (NEAT)

C/2006 K4	2007 09 17.96979	16 59 12.18	-57 23 38.3		808
C/2006 K4	2007 09 17.97396	16 59 11.88	-57 23 38.0		808
C/2006 K4	2007 09 17.98113	16 59 11.52	-57 23 38.1		808
C/2006 K4	2007 09 23.96863	16 54 27.69	-57 24 05.0		808
C/2006 K4	2007 09 23.97523	16 54 27.42	-57 24 04.9		808
C/2006 K4	2007 09 23.99068	16 54 26.84	-57 24 04.8		808

C/2006 M1 (LINEAR)

C/2006 M1	2007 09 20.39392	03 12 05.97	+33 40 23.0	17.2 T	703
C/2006 M1	2007 09 20.40096	03 12 05.86	+33 40 19.8	17.2 T	703
C/2006 M1	2007 09 20.40800	03 12 05.72	+33 40 17.4	17.3 T	703
C/2006 M1	2007 09 20.41506	03 12 05.61	+33 40 14.9	17.2 T	703
C/2006 M1	2007 10 05.03357	03 07 26.04	+31 46 22.7	17.5 N	A24
C/2006 M1	2007 10 05.03456	03 07 25.95	+31 46 22.5	17.0 N	A24
C/2006 M1	2007 10 05.04470	03 07 25.65	+31 46 17.7	17.4 N	A24
C/2006 M1	2007 10 05.05583	03 07 25.36	+31 46 11.5	17.4 N	A24
C/2006 M1	2007 10 05.06598	03 07 25.02	+31 46 06.7	17.1 N	A24
C/2006 M1	2007 10 05.06697	03 07 25.08	+31 46 05.4	16.9 N	A24
C/2006 M1	2007 10 07.02469	03 06 32.32	+31 28 30.6	16.8 N	196
C/2006 M1	2007 10 07.05307	03 06 31.51	+31 28 14.2	17.1 N	196
C/2006 M1	2007 10 09.33340	03 05 26.05	+31 07 01.2	16.9 T	703
C/2006 M1	2007 10 09.34204	03 05 25.72	+31 06 57.0	16.9 T	703
C/2006 M1	2007 10 09.35064	03 05 25.58	+31 06 52.2	17.0 T	703
C/2006 M1	2007 10 09.35925	03 05 25.22	+31 06 48.5	16.7 T	703
C/2006 M1	2007 10 12.38321	03 03 52.52	+30 37 31.9	17.5 T	699
C/2006 M1	2007 10 12.40264	03 03 52.00	+30 37 19.5	17.5 T	699
C/2006 M1	2007 10 12.42200	03 03 51.24	+30 37 09.3	17.6 T	699
C/2006 M1	2007 10 12.44141	03 03 50.57	+30 36 56.9	17.6 T	699
C/2006 M1	2007 10 13.05231	03 03 31.27	+30 30 50.3	15.3 N	A24
C/2006 M1	2007 10 13.05331	03 03 31.36	+30 30 50.7	16.5 N	A24
C/2006 M1	2007 10 13.06237	03 03 31.00	+30 30 46.5	14.1 N	A24
C/2006 M1	2007 10 13.07242	03 03 30.67	+30 30 39.8	14.2 N	A24
C/2006 M1	2007 10 13.08248	03 03 30.30	+30 30 33.9	13.6 N	A24
C/2006 M1	2007 10 14.04829	03 02 59.12	+30 20 51.2	18.0 N	170
C/2006 M1	2007 10 14.05278	03 02 58.98	+30 20 48.4	17.8 N	170
C/2006 M1	2007 10 14.05727	03 02 58.83	+30 20 45.6	17.8 N	170
C/2006 M1	2007 10 16.04397	03 01 52.63	+30 00 24.9		204
C/2006 M1	2007 10 16.05151	03 01 52.33	+30 00 20.6	17.0 N	A24
C/2006 M1	2007 10 16.05251	03 01 52.35	+30 00 20.0	17.2 N	A24
C/2006 M1	2007 10 16.06142	03 01 52.02	+30 00 14.5	17.5 N	A24
C/2006 M1	2007 10 16.07134	03 01 51.68	+30 00 08.3	17.5 N	A24
C/2006 M1	2007 10 16.08025	03 01 51.37	+30 00 02.5	17.3 N	A24
C/2006 M1	2007 10 16.08126	03 01 51.23	+30 00 02.7	15.7 N	A24
C/2006 M1	2007 10 16.11246	03 01 50.25	+29 59 42.2	17.7 N	204
C/2006 M1	2007 10 16.35750	03 01 41.88	+29 57 11.7	16.8 T	703
C/2006 M1	2007 10 16.36564	03 01 41.55	+29 57 06.5	17.0 T	703
C/2006 M1	2007 10 16.37376	03 01 41.23	+29 57 01.8	16.9 T	703
C/2006 M1	2007 10 16.38189	03 01 40.98	+29 56 56.7	16.8 T	703
C/2006 M1	2007 10 18.35825	03 00 32.84	+29 36 06.4	17.7 T	699
C/2006 M1	2007 10 18.38393	03 00 31.92	+29 35 49.7	17.6 T	699
C/2006 M1	2007 10 18.40962	03 00 30.87	+29 35 34.3	17.6 T	699
C/2006 M1	2007 10 21.39882	02 58 44.32	+29 03 10.7	16.6 T	703
C/2006 M1	2007 10 21.40942	02 58 43.86	+29 03 05.1	16.6 T	703
C/2006 M1	2007 10 21.42002	02 58 43.32	+29 02 57.8	16.7 T	703
C/2006 M1	2007 10 21.43067	02 58 42.96	+29 02 51.2	16.7 T	703
C/2006 M1	2007 10 22.25979	02 58 13.20	+28 53 39.2	17.4 T	704
C/2006 M1	2007 10 22.27157	02 58 12.75	+28 53 30.7	18.0 T	704
C/2006 M1	2007 10 22.28327	02 58 12.29	+28 53 23.4	17.8 T	704
C/2006 M1	2007 10 22.29490	02 58 11.91	+28 53 15.0	18.0 T	704
C/2006 M1	2007 10 22.30665	02 58 11.41	+28 53 07.8	17.9 T	704

C/2006 M4 (SWAN)						
C/2006 M4	2007 09 18.60534	21 33 10.85	−32 23 00.7	19.4 N	415	
C/2006 M4	2007 09 18.61658	21 33 10.15	−32 23 05.2	19.5 N	415	

C/2006 OF ₂ (Broughton)						
C/2006 OF ₂	2007 08 11.61721	21 47 40.60	−08 36 15.9	14.6 T	355	
C/2006 OF ₂	2007 08 11.62304	21 47 40.37	−08 36 15.8		355	
C/2006 OF ₂	2007 08 11.62770	21 47 40.17	−08 36 15.6		355	
C/2006 OF ₂	2007 08 14.64363	21 45 40.59	−08 34 11.7	14.5 T	355	
C/2006 OF ₂	2007 08 14.64595	21 45 40.47	−08 34 11.7		355	
C/2006 OF ₂	2007 08 14.64711	21 45 40.44	−08 34 11.3		355	
C/2006 OF ₂	2007 08 14.64826	21 45 40.38	−08 34 11.4		355	
C/2006 OF ₂	2007 09 17.45763	21 23 44.30	−08 14 57.9	14.5 T	355	
C/2006 OF ₂	2007 09 17.45881	21 23 44.27	−08 14 58.2		355	
C/2006 OF ₂	2007 09 17.46115	21 23 44.20	−08 14 58.3		355	
C/2006 OF ₂	2007 09 17.46350	21 23 44.14	−08 14 58.3		355	
C/2006 OF ₂	2007 09 26.91875	21 19 05.66	−08 06 45.3	15.2 N	J51	
C/2006 OF ₂	2007 09 26.92200	21 19 05.51	−08 06 44.8	15.1 N	J51	
C/2006 OF ₂	2007 09 27.84271	21 18 42.06	−08 05 48.7	14.8 N	945	
C/2006 OF ₂	2007 09 27.84609	21 18 41.93	−08 05 48.7	15.0 N	945	
C/2006 OF ₂	2007 09 27.84958	21 18 41.92	−08 05 48.4	14.9 N	945	
C/2006 OF ₂	2007 09 27.85265	21 18 41.82	−08 05 48.8	14.9 N	945	
C/2006 OF ₂	2007 09 27.85628	21 18 41.80	−08 05 47.5	14.9 N	945	
C/2006 OF ₂	2007 09 28.42782	21 18 27.61	−08 05 11.8		349	
C/2006 OF ₂	2007 09 28.43191	21 18 27.52	−08 05 11.7	14.2 T	349	
C/2006 OF ₂	2007 09 29.13417	21 18 10.36	−08 04 24.6	16.6 N	H47	
C/2006 OF ₂	2007 09 29.15276	21 18 09.88	−08 04 23.5	16.5 N	H47	
C/2006 OF ₂	2007 09 29.83767	21 17 53.76	−08 03 39.4	14.8 N	939	
C/2006 OF ₂	2007 09 29.84138	21 17 53.66	−08 03 39.2	14.8 N	939	
C/2006 OF ₂	2007 09 29.84509	21 17 53.56	−08 03 39.0	14.9 N	939	
C/2006 OF ₂	2007 09 29.85517	21 17 53.22	−08 03 35.5	15.1 N	213	
C/2006 OF ₂	2007 09 29.85856	21 17 53.16	−08 03 35.8	15.1 N	213	
C/2006 OF ₂	2007 09 29.86194	21 17 53.10	−08 03 37.1	15.1 N	213	
C/2006 OF ₂	2007 09 29.87757	21 17 52.69	−08 03 35.6	14.9 N	J49	
C/2006 OF ₂	2007 09 29.88251	21 17 52.55	−08 03 35.7	14.9 N	J49	
C/2006 OF ₂	2007 09 29.88745	21 17 52.42	−08 03 35.6	14.9 N	J49	
C/2006 OF ₂	2007 09 30.13066	21 17 46.87	−08 03 18.7	15.4 N	H47	
C/2006 OF ₂	2007 09 30.14565	21 17 46.48	−08 03 17.5	15.6 N	H47	
C/2006 OF ₂	2007 09 30.83271	21 17 30.80	−08 02 31.2		170	
C/2006 OF ₂	2007 09 30.83719	21 17 30.70	−08 02 30.8		170	
C/2006 OF ₂	2007 09 30.86959	21 17 29.94	−08 02 28.4		170	
C/2006 OF ₂	2007 09 30.91493	21 17 28.90	−08 02 24.6	14.8 N	J47	
C/2006 OF ₂	2007 09 30.92304	21 17 28.74	−08 02 24.5	14.8 N	J47	
C/2006 OF ₂	2007 10 01.12962	21 17 24.11	−08 02 10.4	15.5 N	H47	
C/2006 OF ₂	2007 10 01.13872	21 17 23.89	−08 02 09.0	15.6 N	H47	
C/2006 OF ₂	2007 10 01.86822	21 17 07.79	−08 01 17.9	14.6 T	585	
C/2006 OF ₂	2007 10 01.87737	21 17 07.61	−08 01 18.1	14.7 T	585	
C/2006 OF ₂	2007 10 01.88429	21 17 07.42	−08 01 16.2	16.1 N	585	
C/2006 OF ₂	2007 10 01.88618	21 17 07.44	−08 01 15.2	16.1 N	585	
C/2006 OF ₂	2007 10 02.53654	21 16 53.56	−08 00 29.4		900	
C/2006 OF ₂	2007 10 02.54536	21 16 53.36	−08 00 29.5	14.9 T	900	
C/2006 OF ₂	2007 10 03.09655	21 16 42.09	−07 59 50.9	15.1 T	699	
C/2006 OF ₂	2007 10 03.14454	21 16 41.04	−07 59 47.7		699	

C/2006 OF ₂	2007 10 03.16643	21 16 40.57	−07 59 45.9		699	
C/2006 OF ₂	2007 10 03.18835	21 16 40.10	−07 59 44.6		699	
C/2006 OF ₂	2007 10 03.87491	21 16 26.19	−07 58 48.5	15.0 N	J51	
C/2006 OF ₂	2007 10 03.88677	21 16 25.95	−07 58 47.5	15.0 N	J51	
C/2006 OF ₂	2007 10 03.89552	21 16 25.78	−07 58 47.0	14.9 N	J51	
C/2006 OF ₂	2007 10 03.98168	21 16 23.96	−07 58 39.7	15.5 N	J39	
C/2006 OF ₂	2007 10 04.85150	21 16 07.23	−07 57 33.5	16.6 N	J40	
C/2006 OF ₂	2007 10 04.85382	21 16 07.15	−07 57 33.0	16.4 N	J40	
C/2006 OF ₂	2007 10 04.85963	21 16 06.99	−07 57 32.1	16.2 N	J40	
C/2006 OF ₂	2007 10 05.10778	21 16 02.33	−07 57 12.2	15.5 N	H47	
C/2006 OF ₂	2007 10 05.14641	21 16 01.60	−07 57 09.7	15.4 N	H47	
C/2006 OF ₂	2007 10 05.84036	21 15 48.80	−07 56 13.8	16.4 N	A21	
C/2006 OF ₂	2007 10 05.84601	21 15 48.75	−07 56 14.1	17.2 N	A21	
C/2006 OF ₂	2007 10 05.85164	21 15 48.60	−07 56 13.1	16.3 N	A21	
C/2006 OF ₂	2007 10 05.93336	21 15 47.09	−07 56 05.9	15.6 N	J39	
C/2006 OF ₂	2007 10 05.94929	21 15 46.79	−07 56 04.6	14.9 N	945	
C/2006 OF ₂	2007 10 05.95279	21 15 46.73	−07 56 03.9	14.9 N	945	
C/2006 OF ₂	2007 10 05.95677	21 15 46.63	−07 56 02.8	14.9 N	945	
C/2006 OF ₂	2007 10 05.95986	21 15 46.61	−07 56 02.5	14.9 N	945	
C/2006 OF ₂	2007 10 05.96236	21 15 46.55	−07 56 03.8	14.9 N	945	
C/2006 OF ₂	2007 10 06.04132	21 15 45.15	−07 55 55.8	14.9 N	J45	
C/2006 OF ₂	2007 10 06.05859	21 15 44.78	−07 55 54.8	14.9 N	J45	
C/2006 OF ₂	2007 10 06.12843	21 15 43.66	−07 55 50.0	15.3 N	H47	
C/2006 OF ₂	2007 10 06.14486	21 15 43.33	−07 55 48.4	15.5 N	H47	
C/2006 OF ₂	2007 10 06.42392	21 15 38.45	−07 55 26.1		D88	
C/2006 OF ₂	2007 10 06.42711	21 15 38.40	−07 55 25.4		D88	
C/2006 OF ₂	2007 10 06.43029	21 15 38.34	−07 55 25.4	15.2 T	D88	
C/2006 OF ₂	2007 10 06.77666	21 15 32.33	−07 54 56.1	15.0 N	B20	
C/2006 OF ₂	2007 10 06.77906	21 15 32.28	−07 54 55.7	15.0 N	B20	
C/2006 OF ₂	2007 10 06.78147	21 15 32.23	−07 54 55.1	15.0 N	B20	
C/2006 OF ₂	2007 10 06.79153	21 15 32.04	−07 54 55.2	15.6 N	235	
C/2006 OF ₂	2007 10 06.79890	21 15 31.91	−07 54 53.9	15.1 N	213	
C/2006 OF ₂	2007 10 06.80117	21 15 31.87	−07 54 53.8	15.1 N	213	
C/2006 OF ₂	2007 10 06.80800	21 15 31.76	−07 54 53.0	15.0 N	213	
C/2006 OF ₂	2007 10 06.82573	21 15 31.44	−07 54 52.2	15.9 N	620	
C/2006 OF ₂	2007 10 06.83994	21 15 31.20	−07 54 50.8	15.9 N	620	
C/2006 OF ₂	2007 10 06.85392	21 15 30.93	−07 54 49.7	15.8 N	620	
C/2006 OF ₂	2007 10 06.86696	21 15 30.71	−07 54 48.8	15.9 N	620	
C/2006 OF ₂	2007 10 06.86881	21 15 30.69	−07 54 48.8	14.9 N	A06	
C/2006 OF ₂	2007 10 06.87517	21 15 30.59	−07 54 49.2	14.8 N	A18	
C/2006 OF ₂	2007 10 06.87755	21 15 30.53	−07 54 47.3	14.9 N	A06	
C/2006 OF ₂	2007 10 06.88366	21 15 30.47	−07 54 48.5	14.7 N	A18	
C/2006 OF ₂	2007 10 06.88955	21 15 30.34	−07 54 46.6	14.9 N	A06	
C/2006 OF ₂	2007 10 06.91323	21 15 29.93	−07 54 44.3	14.9 N	J45	
C/2006 OF ₂	2007 10 06.93281	21 15 29.60	−07 54 43.4	14.9 N	232	
C/2006 OF ₂	2007 10 06.94031	21 15 29.47	−07 54 42.8	14.9 N	232	
C/2006 OF ₂	2007 10 06.94782	21 15 29.33	−07 54 42.1	14.9 N	232	
C/2006 OF ₂	2007 10 06.96734	21 15 28.97	−07 54 39.3	14.8 N	1 J45	
C/2006 OF ₂	2007 10 06.97260	21 15 28.90	−07 54 39.8	14.8 N	945	
C/2006 OF ₂	2007 10 06.98304	21 15 28.70	−07 54 39.2	14.8 N	945	
C/2006 OF ₂	2007 10 06.98667	21 15 28.72	−07 54 39.0	14.9 N	945	
C/2006 OF ₂	2007 10 06.98907	21 15 28.60	−07 54 38.0	14.8 N	945	
C/2006 OF ₂	2007 10 07.13493	21 15 26.15	−07 54 25.3	15.1 N	H47	

C/2006 OF ₂	2007 10 07.17825	21 15 25.42	-07 54 22.0	15.2 N	H47
C/2006 OF ₂	2007 10 08.43617	21 15 04.97	-07 52 33.2	15.9 N	379
C/2006 OF ₂	2007 10 08.43909	21 15 04.89	-07 52 33.3	15.8 N	379
C/2006 OF ₂	2007 10 09.79863	21 14 44.59	-07 50 30.5	14.9 N	939
C/2006 OF ₂	2007 10 09.80766	21 14 44.46	-07 50 29.7	14.9 N	939
C/2006 OF ₂	2007 10 09.81368	21 14 44.37	-07 50 29.2	14.9 N	939
C/2006 OF ₂	2007 10 09.88441	21 14 43.30	-07 50 22.5	15.0 N	J53
C/2006 OF ₂	2007 10 09.89069	21 14 43.20	-07 50 21.8	14.9 N	J53
C/2006 OF ₂	2007 10 09.90334	21 14 43.00	-07 50 20.5	15.0 N	J53
C/2006 OF ₂	2007 10 10.13051	21 14 39.81	-07 49 59.5	15.3 N	H47
C/2006 OF ₂	2007 10 10.15177	21 14 39.52	-07 49 58.0	15.1 N	H47
C/2006 OF ₂	2007 10 10.77913	21 14 30.93	-07 48 58.7		046
C/2006 OF ₂	2007 10 10.78031	21 14 30.92	-07 48 58.9		046
C/2006 OF ₂	2007 10 10.78141	21 14 30.90	-07 48 58.4		046
C/2006 OF ₂	2007 10 10.78229	21 14 30.89	-07 48 58.3		046
C/2006 OF ₂	2007 10 10.78409	21 14 30.87	-07 48 58.4		046
C/2006 OF ₂	2007 10 10.83316	21 14 30.23	-07 48 52.7	14.8 N	J47
C/2006 OF ₂	2007 10 10.83752	21 14 30.17	-07 48 52.2	14.8 N	J47
C/2006 OF ₂	2007 10 10.84187	21 14 30.11	-07 48 51.9	14.8 N	J47
C/2006 OF ₂	2007 10 10.92855	21 14 28.84	-07 48 43.5	15.5 N	J64
C/2006 OF ₂	2007 10 10.93486	21 14 28.77	-07 48 43.0	15.6 N	J64
C/2006 OF ₂	2007 10 10.94117	21 14 28.72	-07 48 42.7	15.8 N	J64
C/2006 OF ₂	2007 10 11.10219	21 14 26.64	-07 48 27.4	15.5 N	H47
C/2006 OF ₂	2007 10 11.11597	21 14 26.45	-07 48 26.2	15.5 N	H47
C/2006 OF ₂	2007 10 11.43627	21 14 22.34	-07 47 55.2	16.1 N	379
C/2006 OF ₂	2007 10 11.43919	21 14 22.30	-07 47 54.8	16.1 N	379
C/2006 OF ₂	2007 10 11.44211	21 14 22.30	-07 47 54.9	16.1 N	379
C/2006 OF ₂	2007 10 12.10633	21 14 13.96	-07 46 49.7	15.5 N	H47
C/2006 OF ₂	2007 10 12.12988	21 14 13.66	-07 46 47.5	15.5 N	H47
C/2006 OF ₂	2007 10 12.86813	21 14 05.00	-07 45 34.6	14.9 N	A06
C/2006 OF ₂	2007 10 12.87358	21 14 04.93	-07 45 33.5	14.9 N	A06
C/2006 OF ₂	2007 10 12.87905	21 14 04.88	-07 45 33.2	14.9 N	A06
C/2006 OF ₂	2007 10 12.96937	21 14 03.82	-07 45 24.2	14.7 N	A01
C/2006 OF ₂	2007 10 12.97329	21 14 03.77	-07 45 22.8	14.9 N	J45
C/2006 OF ₂	2007 10 12.97677	21 14 03.72	-07 45 23.4	14.8 N	A01
C/2006 OF ₂	2007 10 12.97973	21 14 03.68	-07 45 23.3	14.8 N	A01
C/2006 OF ₂	2007 10 13.09830	21 14 02.45	-07 45 10.7	15.5 N	H47
C/2006 OF ₂	2007 10 13.10530	21 14 02.34	-07 45 09.7	15.8 N	H47
C/2006 OF ₂	2007 10 13.81103	21 13 54.77	-07 43 58.3	14.9 N	J59
C/2006 OF ₂	2007 10 13.81767	21 13 54.71	-07 43 57.2	15.4 N	J59
C/2006 OF ₂	2007 10 13.82387	21 13 54.64	-07 43 56.8	15.1 N	J59
C/2006 OF ₂	2007 10 13.89627	21 13 53.87	-07 43 48.7	14.9 N	945
C/2006 OF ₂	2007 10 13.90286	21 13 53.78	-07 43 48.0	14.9 N	945
C/2006 OF ₂	2007 10 13.90713	21 13 53.72	-07 43 47.2	14.9 N	945
C/2006 OF ₂	2007 10 13.91331	21 13 53.65	-07 43 47.0	14.9 N	945
C/2006 OF ₂	2007 10 13.91685	21 13 53.62	-07 43 46.5	14.9 N	945
C/2006 OF ₂	2007 10 14.16426	21 13 51.07	-07 43 20.6	15.4 N	H47
C/2006 OF ₂	2007 10 14.17131	21 13 50.96	-07 43 19.6	15.8 N	H47
C/2006 OF ₂	2007 10 14.74425	21 13 45.48	-07 42 19.6	15.7 N	235
C/2006 OF ₂	2007 10 14.78242	21 13 45.09	-07 42 15.2	15.9 N	J70
C/2006 OF ₂	2007 10 14.78376	21 13 45.03	-07 42 14.9	15.7 N	J70
C/2006 OF ₂	2007 10 14.78443	21 13 45.04	-07 42 15.1	16.3 N	J70
C/2006 OF ₂	2007 10 14.83935	21 13 44.56	-07 42 10.3	14.6 N	A18

C/2006 OF ₂	2007 10 14.84481	21 13 44.49	-07 42 08.8	14.9 N	945
C/2006 OF ₂	2007 10 14.84791	21 13 44.45	-07 42 08.4	14.9 N	945
C/2006 OF ₂	2007 10 14.85186	21 13 44.43	-07 42 08.3	14.8 N	945
C/2006 OF ₂	2007 10 14.85404	21 13 44.39	-07 42 07.6	14.9 N	945
C/2006 OF ₂	2007 10 14.85826	21 13 44.36	-07 42 07.2	14.9 N	945
C/2006 OF ₂	2007 10 14.86000	21 13 44.28	-07 42 07.5	15.9 N	510
C/2006 OF ₂	2007 10 14.86275	21 13 44.32	-07 42 06.7	16.6 N	510
C/2006 OF ₂	2007 10 14.86904	21 13 44.24	-07 42 08.3	14.8 N	A18
C/2006 OF ₂	2007 10 15.76834	21 13 36.21	-07 40 28.0	15.8 N	A77
C/2006 OF ₂	2007 10 15.77441	21 13 36.16	-07 40 27.7	14.9 N	B20
C/2006 OF ₂	2007 10 15.78524	21 13 36.10	-07 40 28.1	14.7 N	A97
C/2006 OF ₂	2007 10 15.78790	21 13 36.07	-07 40 26.2	15.9 N	A77
C/2006 OF ₂	2007 10 15.78804	21 13 36.06	-07 40 28.3	14.9 N	A97
C/2006 OF ₂	2007 10 15.78881	21 13 36.02	-07 40 26.0	14.9 N	B20
C/2006 OF ₂	2007 10 15.79561	21 13 35.99	-07 40 26.4	14.9 N	A97
C/2006 OF ₂	2007 10 15.79841	21 13 36.02	-07 40 26.8	14.9 N	A97
C/2006 OF ₂	2007 10 15.80122	21 13 35.94	-07 40 26.2	14.9 N	A97
C/2006 OF ₂	2007 10 15.80322	21 13 35.90	-07 40 24.6	15.0 N	B20
C/2006 OF ₂	2007 10 15.80401	21 13 35.95	-07 40 25.9	14.9 N	A97
C/2006 OF ₂	2007 10 15.80904	21 13 35.83	-07 40 23.8	15.8 N	A77
C/2006 OF ₂	2007 10 15.82492	21 13 35.72	-07 40 22.1	16.5 N	510
C/2006 OF ₂	2007 10 15.82933	21 13 35.67	-07 40 23.1	16.9 N	510
C/2006 OF ₂	2007 10 15.83966	21 13 35.58	-07 40 20.4	15.9 N	A77
C/2006 OF ₂	2007 10 15.86095	21 13 35.36	-07 40 17.9	15.8 N	A77
C/2006 OF ₂	2007 10 15.90050	21 13 35.07	-07 40 13.7	14.8 N	J47
C/2006 OF ₂	2007 10 15.90881	21 13 35.05	-07 40 12.2	14.9 N	J39
C/2006 OF ₂	2007 10 15.91061	21 13 34.97	-07 40 12.5	14.9 N	J39
C/2006 OF ₂	2007 10 16.00993	21 13 34.07	-07 40 02.7	14.8 N	J39
C/2006 OF ₂	2007 10 16.01029	21 13 34.09	-07 40 01.3	14.8 N	J39
C/2006 OF ₂	2007 10 16.01065	21 13 34.11	-07 40 01.7	14.9 N	J39
C/2006 OF ₂	2007 10 16.01181	21 13 34.09	-07 40 01.6	15.0 N	J39
C/2006 OF ₂	2007 10 16.93451	21 13 26.90	-07 38 18.4	14.9 N	945
C/2006 OF ₂	2007 10 16.93712	21 13 26.83	-07 38 17.6	14.9 N	945
C/2006 OF ₂	2007 10 16.94062	21 13 26.85	-07 38 17.9	14.8 N	945
C/2006 OF ₂	2007 10 16.94384	21 13 26.84	-07 38 17.4	14.8 N	945
C/2006 OF ₂	2007 10 16.94769	21 13 26.80	-07 38 17.2	14.8 N	945
C/2006 OF ₂	2007 10 18.749097	21 13 15.31	-07 34 48.0	15.4 T	619
C/2006 OF ₂	2007 10 18.85103	21 13 14.72	-07 34 34.9	14.9 N	945
C/2006 OF ₂	2007 10 18.85978	21 13 14.61	-07 34 34.2	14.8 N	945
C/2006 OF ₂	2007 10 18.86275	21 13 14.67	-07 34 33.5	15.1 N	458
C/2006 OF ₂	2007 10 18.86524	21 13 14.56	-07 34 33.0	14.8 N	945
C/2006 OF ₂	2007 10 18.86683	21 13 14.62	-07 34 33.3	15.1 N	458
C/2006 OF ₂	2007 10 18.86935	21 13 14.58	-07 34 32.7	14.9 N	945
C/2006 OF ₂	2007 10 18.87061	21 13 14.63	-07 34 32.7	15.1 N	458
C/2006 OF ₂	2007 10 18.87068	21 13 14.53	-07 34 32.7	15.0 N	945
C/2006 OF ₂	2007 10 19.78290	21 13 10.10	-07 32 43.2	15.5 N	J59
C/2006 OF ₂	2007 10 19.79192	21 13 10.05	-07 32 42.8	15.4 N	J59
C/2006 OF ₂	2007 10 19.80098	21 13 10.02	-07 32 40.8	15.4 N	J59
C/2006 OF ₂	2007 10 19.86310	21 13 09.66	-07 32 32.5	15.0 N	213
C/2006 OF ₂	2007 10 19.86780	21 13 09.65	-07 32 32.3	15.0 N	213
C/2006 OF ₂	2007 10 19.86928	21 13 09.64	-07 32 31.8	15.0 N	J39
C/2006 OF ₂	2007 10 19.86936	21 13 09.65	-07 32 31.6	15.1 N	213
C/2006 OF ₂	2007 10 19.87002	21 13 09.67	-07 32 31.8	14.9 N	J39

C/2006 OF ₂	2007 10 19.87028	21 13 09.66	-07 32 31.6	14.9 N	J39
C/2006 OF ₂	2007 10 19.87052	21 13 09.65	-07 32 31.5	14.9 N	J39
C/2006 OF ₂	2007 10 20.87294	21 13 05.71	-07 30 27.2	14.9 N	J76
C/2006 OF ₂	2007 10 20.87481	21 13 05.70	-07 30 26.6	15.0 N	J76
C/2006 OF ₂	2007 10 20.87632	21 13 05.69	-07 30 26.2	15.0 N	J76
C/2006 OF ₂	2007 10 21.48086	21 13 03.88	-07 29 09.7		D70
C/2006 OF ₂	2007 10 21.48763	21 13 03.84	-07 29 09.6		D70
C/2006 OF ₂	2007 10 21.48861	21 13 03.80	-07 29 09.0	15.1 N	D70
C/2006 OF ₂	2007 10 22.07337	21 13 02.36	-07 27 53.1	15.9 N	H47
C/2006 OF ₂	2007 10 22.09261	21 13 02.31	-07 27 50.7	15.9 N	H47

C/2006 Q1 (McNaught)

C/2006 Q1	2007 10 01.77156	08 37 22.65	-34 39 32.9	15.1 T	423
C/2006 Q1	2007 10 01.77946	08 37 23.09	-34 39 35.9	14.4 T	423
C/2006 Q1	2007 10 02.72198	08 38 34.15	-34 48 37.2	16.3 N	415
C/2006 Q1	2007 10 02.73042	08 38 34.78	-34 48 41.8	16.3 N	415
C/2006 Q1	2007 10 02.75725	08 38 36.82	-34 48 57.2	14.4 T	423
C/2006 Q1	2007 10 02.77643	08 38 38.25	-34 49 08.5	14.7 T	423
C/2006 Q1	2007 10 19.71496	08 59 06.45	-37 39 34.7	16.4 N	415
C/2006 Q1	2007 10 19.71820	08 59 06.64	-37 39 36.7	16.3 N	415

C/2006 S3 (LONEOS)

C/2006 S3	2007 10 04.95551	23 35 09.63	+07 59 55.8	18.0 N	A24
C/2006 S3	2007 10 04.95650	23 35 09.74	+07 59 54.6	18.1 N	A24
C/2006 S3	2007 10 04.96557	23 35 09.39	+07 59 54.1	18.5 N	A24
C/2006 S3	2007 10 04.97562	23 35 09.21	+07 59 52.9	18.4 N	A24
C/2006 S3	2007 10 04.98469	23 35 08.98	+07 59 57.7	18.3 N	A24
C/2006 S3	2007 10 04.98569	23 35 09.01	+07 59 52.3	17.7 N	A24
C/2006 S3	2007 10 11.92475	23 32 26.90	+07 42 08.6	18.2 N	130
C/2006 S3	2007 10 11.93178	23 32 26.59	+07 42 08.2	18.7 N	130
C/2006 S3	2007 10 19.90758	23 29 29.55	+07 21 49.3	20.0 N	130
C/2006 S3	2007 10 19.91850	23 29 29.25	+07 21 46.3	19.9 N	130

C/2006 S5 (Hill)

C/2006 S5	2007 09 29.06698	06 56 32.53	+26 26 34.6	16.5 T	585
C/2006 S5	2007 09 29.07437	06 56 33.24	+26 26 32.3	17.4 N	585
C/2006 S5	2007 09 29.08285	06 56 34.00	+26 26 31.6	17.4 N	585
C/2006 S5	2007 09 29.10952	06 56 36.41	+26 26 24.8	16.5 N	118
C/2006 S5	2007 09 29.11185	06 56 36.60	+26 26 24.6	16.3 N	118
C/2006 S5	2007 09 29.11494	06 56 36.85	+26 26 23.6	16.5 N	118
C/2006 S5	2007 10 01.11001	06 59 36.34	+26 18 06.9	16.5 N	118
C/2006 S5	2007 10 01.11330	06 59 36.61	+26 18 06.0	16.5 N	118
C/2006 S5	2007 10 01.11725	06 59 36.98	+26 18 05.2	16.6 N	118
C/2006 S5	2007 10 01.11922	06 59 37.14	+26 18 04.7	16.5 N	118
C/2006 S5	2007 10 01.14799	06 59 39.82	+26 17 57.6	15.2 N	J40
C/2006 S5	2007 10 01.14855	06 59 39.68	+26 17 58.2	15.5 N	J40
C/2006 S5	2007 10 01.15001	06 59 39.77	+26 17 59.0	15.5 N	J40
C/2006 S5	2007 10 05.74625	07 06 21.70	+25 57 55.7		900
C/2006 S5	2007 10 05.75066	07 06 22.11	+25 57 54.5	16.3 T	900
C/2006 S5	2007 10 07.07327	07 08 14.67	+25 51 52.4	15.9 N	A18
C/2006 S5	2007 10 09.41861	07 11 30.42	+25 41 03.2	18.0 T	704
C/2006 S5	2007 10 09.42972	07 11 31.37	+25 40 59.5	18.1 T	704
C/2006 S5	2007 10 09.44076	07 11 32.35	+25 40 56.7	17.9 T	704
C/2006 S5	2007 10 09.45178	07 11 33.07	+25 40 54.5	18.0 T	704

C/2006 S5	2007 10 11.43195	07 14 14.91	+25 31 27.8	17.9 T	704
C/2006 S5	2007 10 11.44322	07 14 15.70	+25 31 24.9	18.3 T	704
C/2006 S5	2007 10 11.45448	07 14 16.67	+25 31 21.9	18.5 T	704
C/2006 S5	2007 10 11.46574	07 14 17.64	+25 31 18.1	17.1 T	704
C/2006 S5	2007 10 14.12867	07 17 49.27	+25 18 17.0	16.6 T	B15
C/2006 S5	2007 10 14.13088	07 17 49.45	+25 18 16.4	16.7 T	B15
C/2006 S5	2007 10 14.42164	07 18 12.02	+25 16 51.8	18.1 T	704
C/2006 S5	2007 10 14.43293	07 18 12.91	+25 16 49.2	18.2 T	704
C/2006 S5	2007 10 14.44420	07 18 13.82	+25 16 45.3	18.7 T	704
C/2006 S5	2007 10 14.45549	07 18 14.72	+25 16 41.2	18.6 T	704
C/2006 S5	2007 10 14.46676	07 18 15.60	+25 16 37.6	17.1 T	704
C/2006 S5	2007 10 19.02720	07 24 00.88	+24 53 30.5	15.7 N	945
C/2006 S5	2007 10 19.03017	07 24 01.15	+24 53 30.0	15.7 N	945
C/2006 S5	2007 10 19.03404	07 24 01.35	+24 53 28.9	15.6 N	945
C/2006 S5	2007 10 20.35774	07 25 37.64	+24 46 38.7	15.1 T	H51
C/2006 S5	2007 10 20.36170	07 25 37.73	+24 46 37.6	15.5 T	H51
C/2006 S5	2007 10 20.36282	07 25 37.80	+24 46 35.9	15.5 T	H51
C/2006 S5	2007 10 21.12817	07 26 32.62	+24 42 35.6	16.6 N	204
C/2006 S5	2007 10 23.48203	07 29 17.21	+24 30 09.5		H06
C/2006 S5	2007 10 23.48469	07 29 17.42	+24 30 08.5		H06

C/2006 U6 (Spacewatch)

C/2006 U6	2007 10 02.63471	01 13 42.73	-35 33 50.9	17.7 N	415
C/2006 U6	2007 10 02.64315	01 13 42.25	-35 34 01.5	17.7 N	415
C/2006 U6	2007 10 05.62885	01 10 46.35	-36 34 49.5	16.7 T	900
C/2006 U6	2007 10 05.63769	01 10 46.01	-36 35 00.6		900
C/2006 U6	2007 10 05.67245	01 10 43.57	-36 35 40.7		349
C/2006 U6	2007 10 05.67498	01 10 43.45	-36 35 43.3	15.6 T	349
C/2006 U6	2007 10 05.68075	01 10 43.09	-36 35 48.6	15.5 T	E12
C/2006 U6	2007 10 06.55448	01 09 50.26	-36 53 13.1		D88
C/2006 U6	2007 10 06.55766	01 09 50.07	-36 53 17.1		D88
C/2006 U6	2007 10 06.56084	01 09 49.84	-36 53 21.8	15.9 T	D88
C/2006 U6	2007 10 06.60336	01 09 47.20	-36 54 11.6		349
C/2006 U6	2007 10 06.60571	01 09 47.04	-36 54 14.5		349
C/2006 U6	2007 10 06.60807	01 09 46.92	-36 54 17.6	15.7 T	349
C/2006 U6	2007 10 13.64507	01 02 20.68	-39 06 36.2	19.0 N	415
C/2006 U6	2007 10 13.65351	01 02 20.15	-39 06 45.4	17.3 N	415
C/2006 U6	2007 10 18.49348	00 57 00.09	-40 29 03.6	16.4 T	423
C/2006 U6	2007 10 18.51417	00 56 58.67	-40 29 23.9	16.6 T	423
C/2006 U6	2007 10 19.53939	00 55 50.07	-40 45 50.2	15.5 T	E12
C/2006 U6	2007 10 19.54547	00 55 49.62	-40 45 55.5	17.5 N	415
C/2006 U6	2007 10 19.54973	00 55 49.37	-40 46 00.0	18.1 N	415

C/2006 VZ₁₃ (LINEAR)

C/2006 VZ ₁₃	2007 07 21.88073	13 49 22.01	+31 08 56.7	15.5 N	461
C/2006 VZ ₁₃	2007 07 21.88417	13 49 20.85	+31 08 22.6		461
C/2006 VZ ₁₃	2007 07 21.88938	13 49 19.14	+31 07 31.1		461
C/2006 VZ ₁₃	2007 07 21.89578	13 49 17.02	+31 06 27.7		461
C/2006 VZ ₁₃	2007 07 21.89930	13 49 15.84	+31 05 53.3		461

C/2006 W3 (Christensen)

C/2006 W3	2007 09 27.38318	06 37 24.67	+54 58 47.7	16.1 T	G96
C/2006 W3	2007 09 27.38848	06 37 24.63	+54 58 50.4	16.4 T	G96
C/2006 W3	2007 09 27.39384	06 37 24.63	+54 58 52.8	16.2 T	G96

2007 OCT. 26

M.P.C. 60855

C/2006 W3	2007 10 01.09311	06 36 55.30	+55 27 07.0	16.5 N	118
C/2006 W3	2007 10 01.09905	06 36 55.27	+55 27 09.8	16.4 N	118
C/2006 W3	2007 10 03.70628	06 36 24.70	+55 47 35.9		349
C/2006 W3	2007 10 03.71002	06 36 24.66	+55 47 37.6	16.4 T	349
C/2006 W3	2007 10 05.78640	06 35 53.93	+56 04 13.1	16.8 T	900
C/2006 W3	2007 10 05.79301	06 35 53.76	+56 04 15.5		900
C/2006 W3	2007 10 13.11694	06 33 16.16	+57 04 29.4	16.6 N	A24
C/2006 W3	2007 10 13.11794	06 33 16.09	+57 04 29.8	16.9 N	A24
C/2006 W3	2007 10 13.12927	06 33 15.80	+57 04 35.7	16.9 N	A24
C/2006 W3	2007 10 13.14160	06 33 15.44	+57 04 41.8	17.0 N	A24
C/2006 W3	2007 10 13.15293	06 33 15.13	+57 04 47.6	16.7 N	A24
C/2006 W3	2007 10 13.15393	06 33 15.09	+57 04 47.4	16.9 N	A24
C/2006 W3	2007 10 16.11526	06 31 47.76	+57 29 49.7	16.5 N	A24
C/2006 W3	2007 10 16.11626	06 31 47.77	+57 29 50.4	16.0 N	A24
C/2006 W3	2007 10 16.12796	06 31 47.33	+57 29 56.6	16.6 N	A24
C/2006 W3	2007 10 16.15234	06 31 46.44	+57 30 09.4	15.1 N	A24

P/2007 C2 (Catalina)

P/2007 C2	2007 09 19.41992	07 34 02.20	+21 25 10.6	19.0 T	704
P/2007 C2	2007 09 19.43198	07 34 02.79	+21 25 08.8	19.1 T	704
P/2007 C2	2007 09 19.44404	07 34 03.57	+21 25 06.0	18.9 T	704
P/2007 C2	2007 09 19.45608	07 34 04.29	+21 25 02.3	19.1 T	704
P/2007 C2	2007 10 07.48972	07 50 39.05	+20 17 17.5	18.3 T	G96
P/2007 C2	2007 10 07.49550	07 50 39.34	+20 17 16.3		G96
P/2007 C2	2007 10 07.50109	07 50 39.61	+20 17 15.0		G96
P/2007 C2	2007 10 07.50666	07 50 39.85	+20 17 13.8		G96
P/2007 C2	2007 10 08.42522	07 51 24.51	+20 13 48.0	19.0 T	704
P/2007 C2	2007 10 08.43645	07 51 25.11	+20 13 46.4	19.6 T	704
P/2007 C2	2007 10 08.44768	07 51 25.54	+20 13 43.3	19.2 T	704
P/2007 C2	2007 10 11.42418	07 53 45.59	+20 02 32.0	19.3 T	704
P/2007 C2	2007 10 11.43549	07 53 46.11	+20 02 29.5	19.5 T	704
P/2007 C2	2007 10 11.44675	07 53 46.61	+20 02 27.0	19.3 T	704
P/2007 C2	2007 10 11.45801	07 53 47.18	+20 02 24.6	19.2 T	704
P/2007 C2	2007 10 11.46929	07 53 47.57	+20 02 21.3	19.6 T	704
P/2007 C2	2007 10 13.41892	07 55 15.59	+19 55 04.8	18.4 T	703
P/2007 C2	2007 10 13.42600	07 55 15.88	+19 55 03.4		703
P/2007 C2	2007 10 13.43304	07 55 16.15	+19 55 01.2		703
P/2007 C2	2007 10 13.44006	07 55 16.45	+19 55 00.1		703
P/2007 C2	2007 10 14.43584	07 56 00.11	+19 51 19.8	19.4 T	704
P/2007 C2	2007 10 14.45840	07 56 01.04	+19 51 13.9	19.3 T	704
P/2007 C2	2007 10 14.46968	07 56 01.59	+19 51 11.7	19.2 T	704

C/2007 E1 (Garradd)

C/2007 E1	2007 09 30.10203	06 08 18.96	+29 57 42.5		118
C/2007 E1	2007 09 30.10873	06 08 17.94	+29 57 44.8		118
C/2007 E1	2007 10 05.80025	05 53 26.32	+30 24 32.3	17.4 T	900
C/2007 E1	2007 10 05.80907	05 53 24.65	+30 24 31.3		900
C/2007 E1	2007 10 09.36724	05 42 49.58	+30 38 15.6	19.5 T	704
C/2007 E1	2007 10 09.37837	05 42 47.57	+30 38 22.1	19.2 T	704
C/2007 E1	2007 10 09.38945	05 42 45.61	+30 38 24.1	19.3 T	704
C/2007 E1	2007 10 09.40056	05 42 43.44	+30 38 25.8	19.4 T	704
C/2007 E1	2007 10 09.41172	05 42 41.18	+30 38 28.9	19.3 T	704
C/2007 E1	2007 10 10.75090	05 38 26.01	+30 42 49.5		349
C/2007 E1	2007 10 10.75539	05 38 25.13	+30 42 50.0		349

C/2007 E1	2007 10 10.75987	05 38 24.23	+30 42 51.3	17.0 T	349
C/2007 E1	2007 10 12.36598	05 33 06.71	+30 47 17.7	19.1 T	704
C/2007 E1	2007 10 12.37722	05 33 04.45	+30 47 20.6	19.3 T	704
C/2007 E1	2007 10 12.38845	05 33 02.06	+30 47 20.6	19.3 T	704
C/2007 E1	2007 10 12.39969	05 32 59.78	+30 47 22.0	19.4 T	704
C/2007 E1	2007 10 12.41093	05 32 57.31	+30 47 24.8	19.2 T	704
C/2007 E1	2007 10 13.10182	05 30 36.97	+30 49 01.6	18.2 N	A24
C/2007 E1	2007 10 13.11414	05 30 34.51	+30 49 03.3	18.2 N	A24
C/2007 E1	2007 10 13.13779	05 30 29.61	+30 49 06.8	17.9 N	A24
C/2007 E1	2007 10 13.13879	05 30 29.40	+30 49 06.6	18.1 N	A24
C/2007 E1	2007 10 13.41510	05 29 32.51	+30 49 43.8	19.0 T	704
C/2007 E1	2007 10 13.42644	05 29 30.07	+30 49 45.0	19.2 T	704
C/2007 E1	2007 10 13.44902	05 29 25.42	+30 49 48.2	19.1 T	704
C/2007 E1	2007 10 13.46030	05 29 23.01	+30 49 49.9	19.2 T	704
C/2007 E1	2007 10 15.36550	05 22 40.71	+30 53 06.5	19.0 T	704
C/2007 E1	2007 10 15.37705	05 22 38.24	+30 53 07.2	19.4 T	704
C/2007 E1	2007 10 15.38846	05 22 35.54	+30 53 08.8	19.6 T	704
C/2007 E1	2007 10 15.39987	05 22 33.36	+30 53 10.0	19.2 T	704
C/2007 E1	2007 10 16.05357	05 20 11.30	+30 53 54.9		204
C/2007 E1	2007 10 16.12096	05 19 56.43	+30 53 59.5	18.9 N	204
C/2007 E1	2007 10 18.36758	05 11 33.35	+30 55 06.7	18.9 T	704
C/2007 E1	2007 10 18.37918	05 11 30.71	+30 55 08.5	18.9 T	704
C/2007 E1	2007 10 18.39056	05 11 28.24	+30 55 05.6	19.1 T	704
C/2007 E1	2007 10 18.40190	05 11 25.41	+30 55 05.9	19.0 T	704
C/2007 E1	2007 10 18.41325	05 11 22.74	+30 55 06.6	19.1 T	704
C/2007 E1	2007 10 19.34674	05 07 47.52	+30 54 49.4	19.0 T	704
C/2007 E1	2007 10 19.35753	05 07 44.95	+30 54 48.7	19.3 T	704
C/2007 E1	2007 10 19.36833	05 07 42.37	+30 54 47.8	19.1 T	704
C/2007 E1	2007 10 19.37904	05 07 39.78	+30 54 46.1	19.2 T	704
C/2007 E1	2007 10 19.38977	05 07 37.06	+30 54 48.4	19.1 T	704
C/2007 E1	2007 10 20.38960	05 03 42.59	+30 53 56.4	19.2 T	704
C/2007 E1	2007 10 20.40123	05 03 39.82	+30 53 58.6	19.0 T	704
C/2007 E1	2007 10 20.41287	05 03 37.02	+30 53 56.9	19.0 T	704
C/2007 E1	2007 10 21.36285	04 59 50.31	+30 52 36.8	18.9 T	704
C/2007 E1	2007 10 21.37441	04 59 47.49	+30 52 35.0	18.9 T	704
C/2007 E1	2007 10 21.38596	04 59 44.82	+30 52 34.8	19.5 T	704
C/2007 E1	2007 10 21.39752	04 59 41.98	+30 52 33.4	18.8 T	704
C/2007 E1	2007 10 21.40909	04 59 39.15	+30 52 30.9	18.8 T	704
C/2007 E1	2007 10 22.30789	04 56 01.68	+30 50 48.3	18.4 T	704
C/2007 E1	2007 10 22.31956	04 55 58.79	+30 50 49.6	19.5 T	704
C/2007 E1	2007 10 22.33134	04 55 55.96	+30 50 42.8	18.7 T	704
C/2007 E1	2007 10 22.34301	04 55 53.13	+30 50 42.1	19.1 T	704
C/2007 E1	2007 10 22.35512	04 55 50.08	+30 50 40.9	18.9 T	704

C/2007 E2 (Lovejoy)

C/2007 E2	2007 04 24.97828	18 56 31.74	+15 32 08.0	14.3 N	A24
C/2007 E2	2007 04 24.98432	18 56 29.67	+15 33 24.8	14.3 N	A24
C/2007 E2	2007 04 24.99543	18 56 25.86	+15 35 48.5	14.6 N	A24
C/2007 E2	2007 04 25.00149	18 56 23.80	+15 37 05.3	14.6 N	A24
C/2007 E2	2007 05 07.98798	17 21 03.81	+51 43 05.1	14.6 N	A24
C/2007 E2	2007 05 07.99555	17 20 59.73	+51 43 51.8	14.8 N	A24
C/2007 E2	2007 05 08.00963	17 20 52.14	+51 45 19.5	14.8 N	A24
C/2007 E2	2007 05 08.99645	17 12 02.17	+53 21 55.3	14.6 N	A24

C/2007 E2	2007 05 09.00418	17 11 57.92	+53 22 38.6	14.6 N	A24
C/2007 E2	2007 05 13.01669	16 35 07.08	+58 27 43.6	14.3 N	A24
C/2007 E2	2007 05 13.04032	16 34 53.82	+58 29 10.1	14.2 N	A24
C/2007 E2	2007 05 13.04833	16 34 49.44	+58 29 38.3	13.9 N	A24
C/2007 E2	2007 05 13.06333	16 34 41.05	+58 30 33.0	14.1 N	A24

C/2007 F1 (LONEOS)

C/2007 F1	2007 10 04.76275	12 22 27.86	+27 13 40.5	8.8 N	A77
C/2007 F1	2007 10 04.76343	12 22 28.05	+27 13 40.3	8.3 N	A77
C/2007 F1	2007 10 04.76620	12 22 28.48	+27 13 37.5	8.9 N	A77
C/2007 F1	2007 10 04.76692	12 22 28.73	+27 13 37.0	8.7 N	A77
C/2007 F1	2007 10 05.81513	12 26 56.17	+27 02 07.9		349
C/2007 F1	2007 10 05.81856	12 26 57.08	+27 02 05.1	8.4 T	349
C/2007 F1	2007 10 05.82117	12 26 57.77	+27 02 03.5		349
C/2007 F1	2007 10 05.82449	12 26 58.61	+27 02 01.5		349
C/2007 F1	2007 10 05.82731	12 26 59.49	+27 01 57.7		900
C/2007 F1	2007 10 05.83501	12 27 01.35	+27 01 53.8		900
C/2007 F1	2007 10 06.37619	12 29 23.88	+26 55 07.9		349
C/2007 F1	2007 10 06.37704	12 29 24.09	+26 55 07.2	8.7 T	349
C/2007 F1	2007 10 06.81201	12 31 22.78	+26 49 17.3		349
C/2007 F1	2007 10 06.81346	12 31 23.19	+26 49 16.2		349
C/2007 F1	2007 10 06.81490	12 31 23.58	+26 49 14.9	8.3 T	349
C/2007 F1	2007 10 07.20480	12 33 11.51	+26 43 38.4	13.3 N	213
C/2007 F1	2007 10 07.20560	12 33 11.68	+26 43 37.1	13.3 N	213
C/2007 F1	2007 10 07.20641	12 33 11.91	+26 43 36.4	13.3 N	213
C/2007 F1	2007 10 14.74885	13 16 16.89	+23 15 48.3	7.9 N	A18
C/2007 F1	2007 10 15.74686	13 23 24.49	+22 26 21.7	8.5 T	A77
C/2007 F1	2007 10 15.75346	13 23 27.35	+22 26 00.9	8.6 T	A77
C/2007 F1	2007 10 16.71629	13 30 41.85	+21 30 51.7	10.3 N	A97
C/2007 F1	2007 10 16.71910	13 30 43.11	+21 30 41.2	10.3 N	A97
C/2007 F1	2007 10 16.72191	13 30 44.47	+21 30 31.8	10.5 N	A97
C/2007 F1	2007 10 16.72559	13 30 46.25	+21 30 19.2	10.3 N	A97
C/2007 F1	2007 10 16.72840	13 30 47.44	+21 30 07.0	9.9 N	A97
C/2007 F1	2007 10 16.73122	13 30 48.71	+21 29 56.1	10.6 N	A97
C/2007 F1	2007 10 19.74780	13 55 52.94	+17 38 40.4	6.9 N	A77
C/2007 F1	2007 10 19.75364	13 55 56.05	+17 38 07.6	6.7 N	A77
C/2007 F1	2007 10 20.36899	14 01 28.66	+16 38 04.8		349
C/2007 F1	2007 10 20.37020	14 01 29.38	+16 37 57.5		349
C/2007 F1	2007 10 20.37137	14 01 30.01	+16 37 50.8		349
C/2007 F1	2007 10 20.37256	14 01 30.62	+16 37 43.2	7.0 T	349
C/2007 F1	2007 10 20.74037	14 04 53.19	+15 59 29.6	7.0 T	A77
C/2007 F1	2007 10 20.74515	14 04 55.74	+15 58 56.6	6.8 T	A77
C/2007 F1	2007 10 20.74873	14 04 57.83	+15 58 33.7	6.3 T	A77
C/2007 F1	2007 10 20.75175	14 04 59.65	+15 58 15.2	6.9 T	A77
C/2007 F1	2007 10 20.75365	14 05 00.69	+15 58 02.1	7.2 T	A77
C/2007 F1	2007 10 20.75437	14 05 01.18	+15 57 58.5	7.1 T	A77
C/2007 F1	2007 10 20.75510	14 05 01.43	+15 57 51.1	7.3 T	A77
C/2007 F1	2007 10 21.36916	14 10 46.17	+14 49 51.7		349
C/2007 F1	2007 10 21.37015	14 10 46.72	+14 49 44.8		349
C/2007 F1	2007 10 21.37116	14 10 47.29	+14 49 38.0		349
C/2007 F1	2007 10 21.37215	14 10 47.86	+14 49 31.1	6.7 T	349

C/2007 G1 (LINEAR)

C/2007 G1	2007 05 08.99859	17 52 13.46	+35 40 14.4	17.4 N	A24
C/2007 G1	2007 05 09.00633	17 52 13.15	+35 40 15.5	17.4 N	A24
C/2007 G1	2007 05 13.01909	17 49 27.25	+35 49 16.1	17.2 N	A24
C/2007 G1	2007 05 13.02764	17 49 26.85	+35 49 17.7	17.0 N	A24
C/2007 G1	2007 05 13.04321	17 49 26.15	+35 49 19.9	17.1 N	A24
C/2007 G1	2007 05 13.05122	17 49 25.84	+35 49 20.5	17.5 N	A24
C/2007 G1	2007 08 14.56830	16 36 21.11	+26 09 10.3	16.5 T	355
C/2007 G1	2007 08 14.57589	16 36 21.00	+26 09 04.7		355
C/2007 G1	2007 08 14.58196	16 36 20.88	+26 09 00.3		355
C/2007 G1	2007 09 18.80690	16 33 32.78	+18 27 18.5	17.6 T	071
C/2007 G1	2007 09 18.82181	16 33 32.91	+18 27 07.8	17.8 T	071
C/2007 G1	2007 09 18.82604	16 33 32.93	+18 27 04.0	18.1 T	071
C/2007 G1	2007 10 06.44388	16 38 10.59	+14 46 51.8		349
C/2007 G1	2007 10 06.46572	16 38 11.06	+14 46 36.1	16.4 T	349
C/2007 G1	2007 10 06.77831	16 38 17.85	+14 42 51.6	16.3 N	A10
C/2007 G1	2007 10 06.77914	16 38 17.87	+14 42 49.5	16.6 N	235
C/2007 G1	2007 10 06.78049	16 38 17.90	+14 42 50.1	16.5 N	A10
C/2007 G1	2007 10 06.78245	16 38 17.93	+14 42 48.2	16.4 N	A10
C/2007 G1	2007 10 06.78396	16 38 17.96	+14 42 47.0	16.4 N	A10
C/2007 G1	2007 10 06.78546	16 38 18.04	+14 42 45.5	16.3 N	A10
C/2007 G1	2007 10 06.80838	16 38 18.45	+14 42 29.4	16.0 N	A18
C/2007 G1	2007 10 15.09894	16 41 38.32	+13 04 53.3	16.4 T	703
C/2007 G1	2007 10 15.10272	16 41 38.43	+13 04 51.3	16.4 T	703
C/2007 G1	2007 10 15.10653	16 41 38.50	+13 04 48.2	16.4 T	703
C/2007 G1	2007 10 15.11034	16 41 38.61	+13 04 45.9	16.4 T	703

P/2007 H1 (McNaught)

P/2007 H1	2007 08 15.69137	00 20 58.50	-05 29 19.6		355
P/2007 H1	2007 08 15.69486	00 20 58.50	-05 29 21.3		355
P/2007 H1	2007 08 15.69718	00 20 58.49	-05 29 22.5	13.3 T	355
P/2007 H1	2007 08 15.70299	00 20 58.56	-05 29 25.2		355
P/2007 H1	2007 09 17.02876	00 14 16.29	-10 49 04.1	14.9 N	138
P/2007 H1	2007 09 17.03980	00 14 15.94	-10 49 10.7	14.9 N	138
P/2007 H1	2007 09 17.05080	00 14 15.61	-10 49 17.2	14.8 N	138
P/2007 H1	2007 09 17.89616	00 13 51.28	-10 57 45.4	16.0 T	071
P/2007 H1	2007 09 17.90593	00 13 50.92	-10 57 51.6	15.4 T	071
P/2007 H1	2007 09 17.90718	00 13 50.99	-10 57 53.4	15.8 T	071
P/2007 H1	2007 09 17.91014	00 13 50.81	-10 57 54.9	15.4 T	071
P/2007 H1	2007 09 18.87405	00 13 22.66	-11 07 27.6	16.0 T	071
P/2007 H1	2007 09 18.87979	00 13 22.45	-11 07 31.1	15.9 T	071
P/2007 H1	2007 09 18.88694	00 13 22.20	-11 07 34.8	15.2 T	071
P/2007 H1	2007 09 18.90008	00 13 21.82	-11 07 43.7	15.5 T	071
P/2007 H1	2007 09 18.90157	00 13 21.75	-11 07 44.8	15.5 T	071
P/2007 H1	2007 09 18.90543	00 13 21.64	-11 07 47.3	15.4 T	071
P/2007 H1	2007 09 18.90963	00 13 21.47	-11 07 50.3	15.4 T	071
P/2007 H1	2007 09 19.99179	00 12 49.22	-11 18 24.8	14.8 N	473
P/2007 H1	2007 09 19.99257	00 12 49.20	-11 18 25.3	14.8 N	473
P/2007 H1	2007 09 21.14271	00 12 14.82	-11 29 22.2		808
P/2007 H1	2007 09 21.15035	00 12 14.53	-11 29 26.8		808
P/2007 H1	2007 09 21.15868	00 12 14.22	-11 29 32.0		808
P/2007 H1	2007 09 21.16840	00 12 13.93	-11 29 36.9		808
P/2007 H1	2007 09 21.17535	00 12 13.74	-11 29 41.0		808

2007 OCT. 26

M.P.C. 60857

P/2007 H1	2007 09 24.13785	00 10 43.47	-11 57 15.3		808
P/2007 H1	2007 09 24.14479	00 10 43.20	-11 57 19.1		808
P/2007 H1	2007 09 24.15278	00 10 42.99	-11 57 23.1		808
P/2007 H1	2007 09 29.91153	00 07 47.71	-12 46 23.9	14.2 N	J49
P/2007 H1	2007 09 29.91724	00 07 47.52	-12 46 26.9	14.2 N	J49
P/2007 H1	2007 09 29.92674	00 07 47.21	-12 46 31.0	14.2 N	J49
P/2007 H1	2007 09 30.08459	00 07 42.15	-12 47 44.2	14.0 N	939
P/2007 H1	2007 09 30.09064	00 07 41.97	-12 47 47.0	14.0 N	939
P/2007 H1	2007 09 30.09667	00 07 41.78	-12 47 49.9	14.0 N	939
P/2007 H1	2007 09 30.93812	00 07 17.17	-12 54 20.3	14.1 N	J47
P/2007 H1	2007 09 30.93995	00 07 17.11	-12 54 21.2	13.9 N	J47
P/2007 H1	2007 09 30.94361	00 07 16.86	-12 54 22.5	14.0 N	J47
P/2007 H1	2007 09 30.94735	00 07 16.85	-12 54 24.8	14.0 N	J47
P/2007 H1	2007 09 30.96842	00 07 16.24	-12 54 34.2	15.5 N	J40
P/2007 H1	2007 09 30.96984	00 07 15.90	-12 54 41.9	15.6 N	J40
P/2007 H1	2007 10 01.47500	00 07 01.36	-12 58 17.8	14.8 T	423
P/2007 H1	2007 10 01.48252	00 07 01.12	-12 58 21.3	15.0 T	423
P/2007 H1	2007 10 02.55056	00 06 29.85	-13 06 22.1	14.9 T	900
P/2007 H1	2007 10 02.55939	00 06 29.60	-13 06 26.1		900
P/2007 H1	2007 10 02.57339	00 06 29.10	-13 06 25.2	14.9 T	423
P/2007 H1	2007 10 02.58468	00 06 28.75	-13 06 30.1	14.9 T	423
P/2007 H1	2007 10 03.61734	00 05 59.12	-13 13 59.2		349
P/2007 H1	2007 10 03.61899	00 05 59.07	-13 13 59.9		349
P/2007 H1	2007 10 03.62066	00 05 59.02	-13 14 00.5	13.9 T	349
P/2007 H1	2007 10 04.91157	00 05 23.08	-13 22 50.8	14.8 N	J40
P/2007 H1	2007 10 04.91750	00 05 22.87	-13 22 52.2	15.3 N	J40
P/2007 H1	2007 10 05.00421	00 05 20.22	-13 23 28.2	14.3 N	945
P/2007 H1	2007 10 05.00759	00 05 20.14	-13 23 29.2	14.4 N	945
P/2007 H1	2007 10 05.01108	00 05 20.06	-13 23 30.4	14.3 N	945
P/2007 H1	2007 10 05.01451	00 05 19.97	-13 23 31.7	14.2 N	945
P/2007 H1	2007 10 05.01796	00 05 19.83	-13 23 33.2	14.2 N	945
P/2007 H1	2007 10 05.62094	00 05 03.28	-13 27 30.7		D81
P/2007 H1	2007 10 05.62326	00 05 03.23	-13 27 32.0		D81
P/2007 H1	2007 10 05.62558	00 05 03.22	-13 27 32.7		D81
P/2007 H1	2007 10 05.62812	00 05 03.10	-13 27 33.7	13.7 T	D81
P/2007 H1	2007 10 05.86770	00 04 56.18	-13 29 06.4	16.5 N	A21
P/2007 H1	2007 10 05.87008	00 04 57.10	-13 29 08.5	16.1 N	A21
P/2007 H1	2007 10 05.90822	00 04 55.61	-13 29 21.4	15.9 N	A21
P/2007 H1	2007 10 05.91074	00 04 55.55	-13 29 23.6	16.0 N	A21
P/2007 H1	2007 10 05.91193	00 04 55.53	-13 29 24.4	15.9 N	A21
P/2007 H1	2007 10 05.91312	00 04 55.47	-13 29 23.6	16.8 N	A21
P/2007 H1	2007 10 05.91332	00 04 55.50	-13 29 24.4	16.2 N	A21
P/2007 H1	2007 10 05.91490	00 04 55.46	-13 29 25.9	15.6 N	A21
P/2007 H1	2007 10 05.91649	00 04 55.42	-13 29 26.0	16.2 N	A21
P/2007 H1	2007 10 05.91768	00 04 55.39	-13 29 26.3	16.1 N	A21
P/2007 H1	2007 10 05.91887	00 04 55.26	-13 29 25.4	16.7 N	A21
P/2007 H1	2007 10 05.91946	00 04 55.32	-13 29 26.5	15.9 N	A21
P/2007 H1	2007 10 05.92085	00 04 55.29	-13 29 27.9	16.3 N	A21
P/2007 H1	2007 10 05.97757	00 04 53.67	-13 29 49.2	14.4 N	945
P/2007 H1	2007 10 05.98336	00 04 53.53	-13 29 50.9	14.4 N	945
P/2007 H1	2007 10 05.98620	00 04 53.41	-13 29 52.3	14.4 N	945
P/2007 H1	2007 10 05.98895	00 04 53.36	-13 29 53.2	14.3 N	945
P/2007 H1	2007 10 05.99147	00 04 53.25	-13 29 54.5	14.3 N	945

P/2007 H1	2007 10 06.04579	00 04 51.77	-13 30 13.4	14.4 N	J45
P/2007 H1	2007 10 06.06872	00 04 51.09	-13 30 22.1	14.3 N	J45
P/2007 H1	2007 10 06.23054	00 04 46.84	-13 31 24.0	15.6 N	H47
P/2007 H1	2007 10 06.24010	00 04 46.57	-13 31 28.3	15.8 N	H47
P/2007 H1	2007 10 06.52392	00 04 39.15	-13 33 15.1		D88
P/2007 H1	2007 10 06.52712	00 04 39.04	-13 33 17.0		D88
P/2007 H1	2007 10 06.53030	00 04 38.97	-13 33 18.0	14.2 T	D88
P/2007 H1	2007 10 06.86619	00 04 30.04	-13 35 23.7	15.4 N	235
P/2007 H1	2007 10 06.87186	00 04 29.92	-13 35 25.3	14.7 T	A77
P/2007 H1	2007 10 06.87238	00 04 29.93	-13 35 25.2	14.5 N	213
P/2007 H1	2007 10 06.87737	00 04 29.80	-13 35 27.2	14.5 N	213
P/2007 H1	2007 10 06.87820	00 04 29.74	-13 35 27.4	14.8 T	A77
P/2007 H1	2007 10 06.88236	00 04 29.61	-13 35 29.2	14.5 N	213
P/2007 H1	2007 10 06.88453	00 04 29.56	-13 35 29.9	14.8 T	A77
P/2007 H1	2007 10 06.89549	00 04 29.20	-13 35 34.7	14.4 N	A18
P/2007 H1	2007 10 06.90397	00 04 28.94	-13 35 38.4	14.6 N	A18
P/2007 H1	2007 10 06.92530	00 04 28.57	-13 35 43.3	14.5 N	J45
P/2007 H1	2007 10 06.93156	00 04 28.23	-13 35 47.8	14.4 N	A06
P/2007 H1	2007 10 06.94028	00 04 27.98	-13 35 51.2	14.4 N	A06
P/2007 H1	2007 10 06.94901	00 04 27.75	-13 35 54.4	14.4 N	A06
P/2007 H1	2007 10 06.96953	00 04 27.30	-13 35 59.3	14.4 N	J45
P/2007 H1	2007 10 06.97112	00 04 27.11	-13 36 02.1	14.4 N	232
P/2007 H1	2007 10 06.98620	00 04 26.68	-13 36 07.7	14.4 N	232
P/2007 H1	2007 10 06.99749	00 04 26.36	-13 36 12.0	14.4 N	232
P/2007 H1	2007 10 06.99830	00 04 26.42	-13 36 12.3	14.5 N	945
P/2007 H1	2007 10 07.00256	00 04 26.28	-13 36 13.8	14.5 N	945
P/2007 H1	2007 10 07.00552	00 04 26.21	-13 36 15.0	14.4 N	945
P/2007 H1	2007 10 07.00896	00 04 26.10	-13 36 16.0	14.4 N	945
P/2007 H1	2007 10 07.01784	00 04 25.86	-13 36 19.6	14.4 N	945
P/2007 H1	2007 10 07.24097	00 04 20.02	-13 37 39.7	15.4 N	H47
P/2007 H1	2007 10 07.25224	00 04 19.69	-13 37 43.2	15.5 N	H47
P/2007 H1	2007 10 09.95997	00 03 11.65	-13 53 08.0	14.8 N	939
P/2007 H1	2007 10 09.96459	00 03 11.53	-13 53 09.5	14.8 N	939
P/2007 H1	2007 10 09.96922	00 03 11.42	-13 53 11.2	14.8 N	939
P/2007 H1	2007 10 11.22126	00 02 42.07	-13 59 36.8	15.4 N	H47
P/2007 H1	2007 10 11.22914	00 02 41.87	-13 59 38.7	15.5 N	H47
P/2007 H1	2007 10 11.83185	00 02 28.51	-14 02 35.8	14.9 N	A06
P/2007 H1	2007 10 11.83731	00 02 28.39	-14 02 37.7	14.9 N	A06
P/2007 H1	2007 10 11.84384	00 02 28.25	-14 02 39.6	14.9 N	A06
P/2007 H1	2007 10 11.92975	00 02 26.19	-14 03 04.2	15.0 N	J53
P/2007 H1	2007 10 11.94844	00 02 25.74	-14 03 09.6	15.0 N	J53
P/2007 H1	2007 10 11.95483	00 02 25.59	-14 03 11.3	15.0 N	J53
P/2007 H1	2007 10 12.27697	00 02 18.30	-14 04 40.4	15.2 N	H47
P/2007 H1	2007 10 12.28711	00 02 18.04	-14 04 43.7	15.3 N	H47
P/2007 H1	2007 10 13.01329	00 02 02.52	-14 08 01.2	14.9 N	J45
P/2007 H1	2007 10 13.03034	00 02 02.08	-14 08 06.4	15.9 N	J70
P/2007 H1	2007 10 13.03115	00 02 02.08	-14 08 07.2	14.5 N	J70
P/2007 H1	2007 10 13.03296	00 02 01.93	-14 08 06.0	14.8 N	J70
P/2007 H1	2007 10 13.03358	00 02 02.00	-14 08 05.1	16.4 N	J70
P/2007 H1	2007 10 13.03787	00 02 01.89	-14 08 09.1	14.8 N	A01
P/2007 H1	2007 10 13.04101	00 02 01.82	-14 08 10.1	14.8 N	A01
P/2007 H1	2007 10 13.04258	00 02 01.79	-14 08 10.9	14.8 N	A01
P/2007 H1	2007 10 13.63174	00 01 49.48	-14 10 36.9	16.6 N	415

P/2007 H1	2007 10 13.63249	00 01 49.49	-14 10 37.3	16.8 N	415
P/2007 H1	2007 10 13.93545	00 01 43.47	-14 12 00.5	15.4 N	J59
P/2007 H1	2007 10 13.93974	00 01 43.43	-14 12 02.4	15.3 N	J59
P/2007 H1	2007 10 13.94414	00 01 43.31	-14 12 03.4	15.2 N	J59
P/2007 H1	2007 10 14.03257	00 01 41.43	-14 12 25.4	15.0 N	945
P/2007 H1	2007 10 14.03714	00 01 41.32	-14 12 26.6	15.0 N	945
P/2007 H1	2007 10 14.04054	00 01 41.19	-14 12 27.5	15.0 N	945
P/2007 H1	2007 10 14.04301	00 01 41.24	-14 12 28.0	14.9 N	945
P/2007 H1	2007 10 14.04531	00 01 41.17	-14 12 28.5	14.9 N	945
P/2007 H1	2007 10 14.17535	00 01 38.52	-14 12 53.9	16.7 N	844
P/2007 H1	2007 10 14.17985	00 01 38.45	-14 12 55.2	16.5 N	844
P/2007 H1	2007 10 14.18311	00 01 38.38	-14 12 54.9	16.6 N	844
P/2007 H1	2007 10 14.18806	00 01 38.25	-14 12 57.2	16.6 N	844
P/2007 H1	2007 10 14.21689	00 01 37.66	-14 13 03.0	16.5 N	844
P/2007 H1	2007 10 14.21799	00 01 37.57	-14 13 04.2	16.3 N	844
P/2007 H1	2007 10 14.26141	00 01 36.85	-14 13 21.1	15.9 N	H47
P/2007 H1	2007 10 14.27142	00 01 36.61	-14 13 23.5	15.7 N	H47
P/2007 H1	2007 10 14.85931	00 01 25.38	-14 15 46.4	15.6 N	235
P/2007 H1	2007 10 14.86740	00 01 25.29	-14 15 47.5	14.9 N	945
P/2007 H1	2007 10 14.87066	00 01 25.22	-14 15 48.2	14.8 N	945
P/2007 H1	2007 10 14.87418	00 01 25.15	-14 15 48.8	14.9 N	945
P/2007 H1	2007 10 14.87762	00 01 25.07	-14 15 49.7	14.8 N	945
P/2007 H1	2007 10 14.88102	00 01 25.01	-14 15 50.5	14.9 N	945
P/2007 H1	2007 10 14.89957	00 01 24.55	-14 15 56.3	16.5 N	A21
P/2007 H1	2007 10 14.90354	00 01 24.45	-14 15 57.0	16.5 N	A21
P/2007 H1	2007 10 14.90751	00 01 24.38	-14 15 58.2	16.6 N	A21
P/2007 H1	2007 10 14.91148	00 01 24.31	-14 15 58.9	16.8 N	A21
P/2007 H1	2007 10 14.91545	00 01 24.21	-14 15 59.9	16.4 N	A21
P/2007 H1	2007 10 14.91942	00 01 24.12	-14 16 00.6	16.0 N	A21
P/2007 H1	2007 10 15.21955	00 01 18.07	-14 17 01.6	15.9 T	699
P/2007 H1	2007 10 15.23776	00 01 17.63	-14 17 05.4	16.0 T	699
P/2007 H1	2007 10 15.25599	00 01 17.19	-14 17 08.9	16.0 T	699
P/2007 H1	2007 10 15.27425	00 01 16.83	-14 17 13.3	16.1 T	699
P/2007 H1	2007 10 15.96196	00 01 04.81	-14 19 52.7	14.7 N	J39
P/2007 H1	2007 10 15.96267	00 01 04.75	-14 19 53.0	14.8 N	J39
P/2007 H1	2007 10 15.96451	00 01 04.73	-14 19 53.3	14.7 N	J39
P/2007 H1	2007 10 16.01888	00 01 03.61	-14 20 04.7	14.7 N	J39
P/2007 H1	2007 10 16.01924	00 01 03.61	-14 20 05.9	14.8 N	J39
P/2007 H1	2007 10 16.01961	00 01 03.60	-14 20 05.0	14.8 N	J39
P/2007 H1	2007 10 16.01997	00 01 03.59	-14 20 05.9	14.8 N	J39
P/2007 H1	2007 10 16.02032	00 01 03.60	-14 20 05.2	14.7 N	J39
P/2007 H1	2007 10 16.02068	00 01 03.57	-14 20 04.8	14.7 N	J39
P/2007 H1	2007 10 16.93275	00 00 47.89	-14 23 14.1	14.7 N	J47
P/2007 H1	2007 10 16.95079	00 00 47.55	-14 23 17.4	14.9 N	J47
P/2007 H1	2007 10 16.96502	00 00 47.24	-14 23 20.6	14.7 N	J47
P/2007 H1	2007 10 18.80999	00 00 18.31	-14 28 58.2	15.0 N	213
P/2007 H1	2007 10 18.81225	00 00 18.29	-14 28 58.2	15.1 N	213
P/2007 H1	2007 10 18.81450	00 00 18.24	-14 28 58.2	15.0 N	213
P/2007 H1	2007 10 18.87625	00 00 17.22	-14 29 09.7	14.7 N	945
P/2007 H1	2007 10 18.88264	00 00 17.22	-14 29 08.9	14.8 N	945
P/2007 H1	2007 10 18.88648	00 00 17.17	-14 29 09.6	14.6 N	945
P/2007 H1	2007 10 18.88942	00 00 17.10	-14 29 10.9	14.6 N	945
P/2007 H1	2007 10 19.88175	00 00 03.26	-14 31 44.7	14.9 N	J39

P/2007 H1	2007 10 19.88348	00 00 03.17	-14 31 44.4	14.6 N	J39
P/2007 H1	2007 10 19.88887	00 00 03.12	-14 31 45.1	14.8 N	J39
P/2007 H1	2007 10 19.88936	00 00 03.08	-14 31 45.4	14.7 N	J39
P/2007 H1	2007 10 19.90696	00 00 02.82	-14 31 48.9	15.0 N	J59
P/2007 H1	2007 10 19.91584	00 00 02.74	-14 31 50.3	15.2 N	J59
P/2007 H1	2007 10 19.92469	00 00 02.60	-14 31 50.8	15.5 N	J59
P/2007 H1	2007 10 20.62529	23 59 53.37	-14 33 28.7	15.4 T	900
P/2007 H1	2007 10 20.63131	23 59 53.28	-14 33 27.7		900
P/2007 H1	2007 10 20.82706	23 59 51.17	-14 33 55.6	14.9 N	J76
P/2007 H1	2007 10 20.82932	23 59 51.16	-14 33 56.9	15.0 N	J76
P/2007 H1	2007 10 20.83044	23 59 51.16	-14 33 57.8	14.9 N	J76
P/2007 H1	2007 10 20.91470	23 59 49.96	-14 34 08.8	14.8 N	945
P/2007 H1	2007 10 20.91810	23 59 50.05	-14 34 07.8	14.9 N	J47
P/2007 H1	2007 10 20.91848	23 59 49.92	-14 34 08.7	14.9 N	945
P/2007 H1	2007 10 20.92059	23 59 49.97	-14 34 08.9	14.9 N	J47
P/2007 H1	2007 10 20.92308	23 59 49.94	-14 34 08.9	14.9 N	J47
P/2007 H1	2007 10 20.92402	23 59 49.82	-14 34 08.4	14.8 N	945
P/2007 H1	2007 10 20.93361	23 59 49.67	-14 34 11.1	14.8 N	945
P/2007 H1	2007 10 20.93730	23 59 49.68	-14 34 11.0	14.8 N	945

C/2007 J8 (SOHO)

C/2007 J8	2007 05 12.91255	03 20 54.4	+16 48 41		2 249
Geocentric position (AU)	+0.00714172	+0.00462342	+0.00263239		
C/2007 J8	2007 05 12.92089	03 20 46.8	+16 49 22		2 249
Geocentric position (AU)	+0.00714003	+0.00462493	+0.00263321		
C/2007 J8	2007 05 12.93757	03 20 39.3	+16 52 54		2 249
Geocentric position (AU)	+0.00713663	+0.00462797	+0.00263485		
C/2007 J8	2007 05 12.97922	03 20 23.2	+17 00 17		2 249
Geocentric position (AU)	+0.00712813	+0.00463554	+0.00263894		
C/2007 J8	2007 05 12.99589	03 20 11.6	+17 03 05		2 249
Geocentric position (AU)	+0.00712470	+0.00463859	+0.00264059		
C/2007 J8	2007 05 13.00422	03 20 05.8	+17 04 52		2 249
Geocentric position (AU)	+0.00712302	+0.00464009	+0.00264140		
C/2007 J8	2007 05 13.02089	03 20 01.4	+17 07 53		2 249
Geocentric position (AU)	+0.00711961	+0.00464311	+0.00264304		

C/2007 J9 (SOHO)

C/2007 J9	2007 05 13.90422	03 28 26.4	+16 14 29		3 249
Geocentric position (AU)	+0.00693563	+0.00480279	+0.00272903		
C/2007 J9	2007 05 13.92922	03 28 12.6	+16 19 18		3 249
Geocentric position (AU)	+0.00693032	+0.00480728	+0.00273144		
C/2007 J9	2007 05 13.97097	03 27 51.6	+16 24 58		3 249
Geocentric position (AU)	+0.00692146	+0.00481478	+0.00273546		
C/2007 J9	2007 05 13.98756	03 27 44.7	+16 27 09		3 249
Geocentric position (AU)	+0.00691793	+0.00481776	+0.00273706		
C/2007 J9	2007 05 14.01255	03 27 32.0	+16 31 06		3 249
Geocentric position (AU)	+0.00691261	+0.00482224	+0.00273947		
C/2007 J9	2007 05 14.02922	03 27 25.9	+16 34 12		3 249
Geocentric position (AU)	+0.00690906	+0.00482524	+0.00274107		
C/2007 J9	2007 05 14.07089	03 27 08.6	+16 39 20		3 249
Geocentric position (AU)	+0.00690018	+0.00483271	+0.00274507		
C/2007 J9	2007 05 14.09589	03 26 56.0	+16 43 01		3 249
Geocentric position (AU)	+0.00689484	+0.00483719	+0.00274747		

C/2007 J9	2007 05	14.11255	03 26	47.9	+16 45	34	3	249
Geocentric position (AU)		+0.00689128	+0.00484018	+0.00274907				
C/2007 J9	2007 05	14.14177	03 26	35.0	+16 50	02	3	249
Geocentric position (AU)		+0.00688503	+0.00484541	+0.00275188				
C/2007 J9	2007 05	14.15610	03 26	24.0	+16 52	47	3	249
Geocentric position (AU)		+0.00688197	+0.00484798	+0.00275325				
C/2007 J9	2007 05	14.17922	03 26	18.3	+16 55	42	3	249
Geocentric position (AU)		+0.00687702	+0.00485212	+0.00275546				
C/2007 J9	2007 05	14.19589	03 26	05.6	+16 58	10	3	249
Geocentric position (AU)		+0.00687344	+0.00485510	+0.00275706				
C/2007 J9	2007 05	14.21255	03 25	59.9	+17 01	19	2	249
Geocentric position (AU)		+0.00686986	+0.00485809	+0.00275866				
C/2007 J9	2007 05	14.22090	03 25	54.4	+17 01	37	3	249
Geocentric position (AU)		+0.00686808	+0.00485958	+0.00275946				
C/2007 J9	2007 05	14.22922	03 25	50.9	+17 03	46	2	249
Geocentric position (AU)		+0.00686628	+0.00486107	+0.00276025				
C/2007 J9	2007 05	14.24589	03 25	46.6	+17 07	05	2	249
Geocentric position (AU)		+0.00686271	+0.00486405	+0.00276185				
C/2007 J9	2007 05	14.27089	03 25	29.8	+17 11	22	2	249
Geocentric position (AU)		+0.00685733	+0.00486852	+0.00276424				
C/2007 J9	2007 05	14.28755	03 25	21.0	+17 14	33	2	249
Geocentric position (AU)		+0.00685375	+0.00487150	+0.00276583				
C/2007 J9	2007 05	14.31367	03 25	05.9	+17 19	16	2	249
Geocentric position (AU)		+0.00684813	+0.00487617	+0.00276833				
C/2007 J9	2007 05	14.32922	03 24	58.0	+17 22	28	2	249
Geocentric position (AU)		+0.00684478	+0.00487895	+0.00276981				
C/2007 J9	2007 05	14.33755	03 24	53.1	+17 24	05	2	249
Geocentric position (AU)		+0.00684298	+0.00488043	+0.00277061				
C/2007 J9	2007 05	14.35422	03 24	35.1	+17 26	27	2	249
Geocentric position (AU)		+0.00683939	+0.00488341	+0.00277220				

C/2007 J10 (SOHO)

C/2007 J10	2007 05	14.13467	03 25	44.2	+17 01	09	2	249
Geocentric position (AU)		+0.00688654	+0.00484415	+0.00275120				
C/2007 J10	2007 05	14.14899	03 25	42.3	+17 04	48	2	249
Geocentric position (AU)		+0.00688348	+0.00484671	+0.00275257				
C/2007 J10	2007 05	14.16438	03 25	27.6	+17 06	30	2	249
Geocentric position (AU)		+0.00688019	+0.00484947	+0.00275405				
C/2007 J10	2007 05	14.17151	03 25	27.5	+17 08	02	2	249
Geocentric position (AU)		+0.00687866	+0.00485075	+0.00275473				
C/2007 J10	2007 05	14.18757	03 25	18.5	+17 10	11	2	249
Geocentric position (AU)		+0.00687522	+0.00485362	+0.00275627				
C/2007 J10	2007 05	14.20422	03 25	09.3	+17 12	51	2	249
Geocentric position (AU)		+0.00687165	+0.00485660	+0.00275786				
C/2007 J10	2007 05	14.21255	03 25	05.4	+17 14	29	2	249
Geocentric position (AU)		+0.00686986	+0.00485809	+0.00275866				
C/2007 J10	2007 05	14.22922	03 24	56.5	+17 17	09	2	249
Geocentric position (AU)		+0.00686628	+0.00486107	+0.00276025				
C/2007 J10	2007 05	14.24589	03 24	49.5	+17 20	21	2	249
Geocentric position (AU)		+0.00686271	+0.00486405	+0.00276185				
C/2007 J10	2007 05	14.27089	03 24	34.9	+17 24	51	2	249
Geocentric position (AU)		+0.00685733	+0.00486852	+0.00276424				

C/2007 J10	2007 05	14.28755	03 24	25.6	+17 28	00	2	249
Geocentric position (AU)		+0.00685375	+0.00487150	+0.00276583				

C/2007 J11 (SOHO)

C/2007 J11	2007 05	15.43311	03 40	02.5	+15 36	18	3	249
Geocentric position (AU)		+0.00660193	+0.00507420	+0.00287363				
C/2007 J11	2007 05	15.47118	03 39	52.8	+15 40	49	3	249
Geocentric position (AU)		+0.00659338	+0.00508086	+0.00287715				
C/2007 J11	2007 05	15.48755	03 39	50.3	+15 42	21	3	249
Geocentric position (AU)		+0.00658970	+0.00508372	+0.00287867				
C/2007 J11	2007 05	15.51273	03 39	41.8	+15 44	42	3	249
Geocentric position (AU)		+0.00658404	+0.00508812	+0.00288099				
C/2007 J11	2007 05	15.52922	03 39	39.0	+15 46	39	3	249
Geocentric position (AU)		+0.00658033	+0.00509100	+0.00288251				
C/2007 J11	2007 05	15.57089	03 39	21.9	+15 51	19	3	249
Geocentric position (AU)		+0.00657094	+0.00509828	+0.00288636				
C/2007 J11	2007 05	15.59589	03 39	15.9	+15 53	08	3	249
Geocentric position (AU)		+0.00656530	+0.00510264	+0.00288866				
C/2007 J11	2007 05	15.61255	03 39	13.6	+15 55	08	3	249
Geocentric position (AU)		+0.00656153	+0.00510554	+0.00289020				
C/2007 J11	2007 05	15.63774	03 39	07.7	+15 57	49	3	249
Geocentric position (AU)		+0.00655584	+0.00510993	+0.00289251				
C/2007 J11	2007 05	15.65422	03 39	02.2	+15 58	43	3	249
Geocentric position (AU)		+0.00655212	+0.00511281	+0.00289403				
C/2007 J11	2007 05	15.67922	03 38	57.2	+16 02	20	3	249
Geocentric position (AU)		+0.00654646	+0.00511716	+0.00289633				
C/2007 J11	2007 05	15.69589	03 38	48.4	+16 03	34	3	249
Geocentric position (AU)		+0.00654269	+0.00512006	+0.00289786				
C/2007 J11	2007 05	15.72088	03 38	42.4	+16 06	15	3	249
Geocentric position (AU)		+0.00653702	+0.00512441	+0.00290015				
C/2007 J11	2007 05	15.73755	03 38	38.2	+16 07	55	3	249
Geocentric position (AU)		+0.00653325	+0.00512731	+0.00290168				
C/2007 J11	2007 05	15.77553	03 38	25.9	+16 12	24	3	249
Geocentric position (AU)		+0.00652463	+0.00513391	+0.00290516				
C/2007 J11	2007 05	15.90068	03 37	46.5	+16 26	10	3	249
Geocentric position (AU)		+0.00649614	+0.00515562	+0.00291660				
C/2007 J11	2007 05	15.97097	03 37	21.9	+16 34	18	3	249
Geocentric position (AU)		+0.00648009	+0.00516779	+0.00292301				
C/2007 J11	2007 05	15.98755	03 37	17.8	+16 36	30	3	249
Geocentric position (AU)		+0.00647630	+0.00517066	+0.00292452				
C/2007 J11	2007 05	16.01255	03 37	08.0	+16 39	02	3	249
Geocentric position (AU)		+0.00647058	+0.00517498	+0.00292679				
C/2007 J11	2007 05	16.02922	03 37	00.0	+16 41	08	3	249
Geocentric position (AU)		+0.00646677	+0.00517786	+0.00292830				
C/2007 J11	2007 05	16.07089	03 36	47.1	+16 46	31	3	249
Geocentric position (AU)		+0.00645722	+0.00518506	+0.00293209				
C/2007 J11	2007 05	16.09588	03 36	39.2	+16 50	01	3	249
Geocentric position (AU)		+0.00645148	+0.00518937	+0.00293435				
C/2007 J11	2007 05	16.11255	03 36	31.2	+16 51	20	3	249
Geocentric position (AU)		+0.00644765	+0.00519224	+0.00293586				
C/2007 J11	2007 05	16.13772	03 36	24.5	+16 55	08	3	249
Geocentric position (AU)		+0.00644187	+0.00519658	+0.00293814				

C/2007 J11	2007 05	16.15422	03 36	17.7	+16 57 07	3 249
Geocentric position (AU)		+0.00643808	+0.00519942	+0.00293964		
C/2007 J11	2007 05	16.17922	03 36	06.5	+17 00 34	3 249
Geocentric position (AU)		+0.00643232	+0.00520373	+0.00294190		
C/2007 J11	2007 05	16.19589	03 36	01.3	+17 02 38	3 249
Geocentric position (AU)		+0.00642849	+0.00520660	+0.00294340		
C/2007 J11	2007 05	16.22088	03 35	50.5	+17 06 14	3 249
Geocentric position (AU)		+0.00642273	+0.00521090	+0.00294566		
C/2007 J11	2007 05	16.23755	03 35	45.0	+17 08 06	3 249
Geocentric position (AU)		+0.00641888	+0.00521376	+0.00294716		
C/2007 J11	2007 05	16.26255	03 35	34.2	+17 12 04	3 249
Geocentric position (AU)		+0.00641312	+0.00521806	+0.00294942		
C/2007 J11	2007 05	16.27923	03 35	26.4	+17 14 30	3 249
Geocentric position (AU)		+0.00640927	+0.00522092	+0.00295092		
C/2007 J11	2007 05	16.32089	03 35	11.6	+17 19 53	3 249
Geocentric position (AU)		+0.00639964	+0.00522807	+0.00295467		
C/2007 J11	2007 05	16.34588	03 34	59.2	+17 23 47	3 249
Geocentric position (AU)		+0.00639386	+0.00523236	+0.00295692		
C/2007 J11	2007 05	16.36257	03 34	51.8	+17 26 20	3 249
Geocentric position (AU)		+0.00638999	+0.00523522	+0.00295842		
C/2007 J11	2007 05	16.38771	03 34	42.0	+17 30 25	3 249
Geocentric position (AU)		+0.00638417	+0.00523953	+0.00296067		
C/2007 J11	2007 05	16.39589	03 34	39.2	+17 31 21	2 249
Geocentric position (AU)		+0.00638227	+0.00524094	+0.00296141		
C/2007 J11	2007 05	16.43307	03 34	19.4	+17 37 17	3 249
Geocentric position (AU)		+0.00637365	+0.00524729	+0.00296474		
C/2007 J11	2007 05	16.43760	03 34	19.8	+17 37 58	2 249
Geocentric position (AU)		+0.00637259	+0.00524807	+0.00296515		
C/2007 J11	2007 05	16.44588	03 34	10.1	+17 40 19	3 249
Geocentric position (AU)		+0.00637068	+0.00524949	+0.00296589		
C/2007 J11	2007 05	16.45422	03 34	12.5	+17 40 40	2 249
Geocentric position (AU)		+0.00636873	+0.00525092	+0.00296664		
C/2007 J11	2007 05	16.52088	03 33	40.0	+17 51 59	2 249
Geocentric position (AU)		+0.00635324	+0.00526231	+0.00297260		
C/2007 J11	2007 05	16.53755	03 33	31.7	+17 55 01	2 249
Geocentric position (AU)		+0.00634936	+0.00526515	+0.00297409		
C/2007 J11	2007 05	16.56365	03 33	18.7	+17 59 49	2 249
Geocentric position (AU)		+0.00634328	+0.00526960	+0.00297642		
C/2007 J11	2007 05	16.57922	03 33	10.6	+18 02 49	2 249
Geocentric position (AU)		+0.00633965	+0.00527226	+0.00297781		
C/2007 J11	2007 05	16.58755	03 33	06.3	+18 04 26	2 249
Geocentric position (AU)		+0.00633770	+0.00527368	+0.00297855		
C/2007 J11	2007 05	16.60422	03 32	57.2	+18 07 40	2 249
Geocentric position (AU)		+0.00633382	+0.00527652	+0.00298003		
C/2007 J11	2007 05	16.63060	03 32	43.1	+18 12 49	2 249
Geocentric position (AU)		+0.00632765	+0.00528101	+0.00298238		

C/2007 J12 (SOHO)

C/2007 J12	2007 05	15.67922	03 38	26.4	+16 01 43	3 249
Geocentric position (AU)		+0.00654646	+0.00511716	+0.00289633		
C/2007 J12	2007 05	15.69589	03 38	17.3	+16 04 37	3 249
Geocentric position (AU)		+0.00654269	+0.00512006	+0.00289786		

C/2007 J12	2007 05	15.72088	03 38	12.9	+16 06 30	3 249
Geocentric position (AU)		+0.00653702	+0.00512441	+0.00290015		
C/2007 J12	2007 05	15.73755	03 38	04.1	+16 06 54	3 249
Geocentric position (AU)		+0.00653325	+0.00512731	+0.00290168		
C/2007 J12	2007 05	15.77553	03 37	55.5	+16 11 43	3 249
Geocentric position (AU)		+0.00652463	+0.00513391	+0.00290516		
C/2007 J12	2007 05	16.13772	03 35	49.2	+16 55 39	3 249
Geocentric position (AU)		+0.00644187	+0.00519658	+0.00293814		
C/2007 J12	2007 05	16.39589	03 34	07.5	+17 30 38	2 249
Geocentric position (AU)		+0.00638227	+0.00524094	+0.00296141		
C/2007 J12	2007 05	16.43760	03 33	47.4	+17 38 01	2 249
Geocentric position (AU)		+0.00637259	+0.00524807	+0.00296515		
C/2007 J12	2007 05	16.45422	03 33	39.1	+17 40 49	2 249
Geocentric position (AU)		+0.00636873	+0.00525092	+0.00296664		
C/2007 J12	2007 05	16.52088	03 33	14.4	+17 51 20	2 249
Geocentric position (AU)		+0.00635324	+0.00526231	+0.00297260		
C/2007 J12	2007 05	16.53755	03 33	06.9	+17 54 45	2 249
Geocentric position (AU)		+0.00634936	+0.00526515	+0.00297409		

C/2007 K6 (McNaught)

C/2007 K6	2007 09	08.17234	19 13	04.60	-31 53 09.8	18.6 T	673
C/2007 K6	2007 09	08.18206	19 13	03.93	-31 52 59.9		673
C/2007 K6	2007 09	08.18449	19 13	03.77	-31 52 57.7		673
C/2007 K6	2007 09	08.19278	19 13	03.19	-31 52 49.4		673

C/2007 K7 (SOHO)

C/2007 K7	2007 05	16.85422	03 34	20.6	+17 30 53	2 249
Geocentric position (AU)		+0.00627525	+0.00531897	+0.00300220		
C/2007 K7	2007 05	16.89594	03 34	04.0	+17 38 28	2 249
Geocentric position (AU)		+0.00626544	+0.00532603	+0.00300588		
C/2007 K7	2007 05	16.91255	03 33	57.8	+17 41 41	2 249
Geocentric position (AU)		+0.00626152	+0.00532884	+0.00300734		
C/2007 K7	2007 05	16.92088	03 33	54.3	+17 43 16	2 249
Geocentric position (AU)		+0.00625956	+0.00533024	+0.00300808		
C/2007 K7	2007 05	16.93755	03 33	47.4	+17 46 28	2 249
Geocentric position (AU)		+0.00625563	+0.00533306	+0.00300954		
C/2007 K7	2007 05	16.96314	03 33	36.7	+17 51 36	2 249
Geocentric position (AU)		+0.00624960	+0.00533738	+0.00301179		
C/2007 K7	2007 05	16.97922	03 33	30.4	+17 54 47	2 249
Geocentric position (AU)		+0.00624581	+0.00534009	+0.00301321		

C/2007 K8 (SOHO)

C/2007 K8	2007 05	17.19588	03 40	52.6	+16 47 04	3 249
Geocentric position (AU)		+0.00619451	+0.00537653	+0.00303216		
C/2007 K8	2007 05	17.22088	03 40	43.1	+16 50 09	3 249
Geocentric position (AU)		+0.00618857	+0.00538072	+0.00303434		
C/2007 K8	2007 05	17.23755	03 40	37.8	+16 52 29	3 249
Geocentric position (AU)		+0.00618460	+0.00538351	+0.00303579		
C/2007 K8	2007 05	17.26256	03 40	26.9	+16 55 30	3 249
Geocentric position (AU)		+0.00617865	+0.00538770	+0.00303796		
C/2007 K8	2007 05	17.27924	03 40	21.5	+16 58 00	3 249
Geocentric position (AU)		+0.00617468	+0.00539049	+0.00303941		
C/2007 K8	2007 05	17.32089	03 40	09.2	+17 02 55	3 249
Geocentric position (AU)		+0.00616476	+0.00539745	+0.00304302		

C/2007 K8	2007 05	17.34589	03 40	03.2	+17 07 05	3 249
Geocentric position (AU)		+0.00615879	+0.00540163	+0.00304519		
C/2007 K8	2007 05	17.36255	03 39	52.0	+17 09 28	3 249
Geocentric position (AU)		+0.00615482	+0.00540441	+0.00304664		
C/2007 K8	2007 05	17.38777	03 39	45.5	+17 13 04	3 249
Geocentric position (AU)		+0.00614880	+0.00540862	+0.00304882		
C/2007 K8	2007 05	17.43059	03 39	29.1	+17 19 17	3 249
Geocentric position (AU)		+0.00613856	+0.00541576	+0.00305252		
C/2007 K8	2007 05	17.44588	03 39	22.6	+17 21 27	3 249
Geocentric position (AU)		+0.00613490	+0.00541830	+0.00305384		
C/2007 K8	2007 05	17.47089	03 39	13.1	+17 25 28	3 249
Geocentric position (AU)		+0.00612892	+0.00542247	+0.00305599		
C/2007 K8	2007 05	17.48755	03 39	05.3	+17 27 47	3 249
Geocentric position (AU)		+0.00612493	+0.00542524	+0.00305743		
C/2007 K8	2007 05	17.51270	03 38	55.9	+17 31 48	3 249
Geocentric position (AU)		+0.00611890	+0.00542942	+0.00305960		
C/2007 K8	2007 05	17.52922	03 38	49.0	+17 34 15	3 249
Geocentric position (AU)		+0.00611494	+0.00543217	+0.00306102		
C/2007 K8	2007 05	17.57089	03 38	32.0	+17 41 31	3 249
Geocentric position (AU)		+0.00610494	+0.00543908	+0.00306460		
C/2007 K8	2007 05	17.58756	03 38	25.1	+17 43 52	2 249
Geocentric position (AU)		+0.00610093	+0.00544185	+0.00306603		
C/2007 K8	2007 05	17.59589	03 38	19.8	+17 44 56	3 249
Geocentric position (AU)		+0.00609893	+0.00544323	+0.00306674		
C/2007 K8	2007 05	17.60422	03 38	18.3	+17 46 31	2 249
Geocentric position (AU)		+0.00609692	+0.00544462	+0.00306746		
C/2007 K8	2007 05	17.63060	03 38	07.3	+17 51 17	2 249
Geocentric position (AU)		+0.00609058	+0.00544899	+0.00306972		
C/2007 K8	2007 05	17.64588	03 38	00.0	+17 54 10	2 249
Geocentric position (AU)		+0.00608690	+0.00545152	+0.00307103		
C/2007 K8	2007 05	17.66255	03 37	53.0	+17 57 08	2 249
Geocentric position (AU)		+0.00608289	+0.00545428	+0.00307246		
C/2007 K8	2007 05	17.67088	03 37	49.0	+17 58 42	2 249
Geocentric position (AU)		+0.00608089	+0.00545566	+0.00307317		
C/2007 K8	2007 05	17.68755	03 37	41.4	+18 01 46	2 249
Geocentric position (AU)		+0.00607687	+0.00545841	+0.00307459		
C/2007 K8	2007 05	17.70424	03 37	33.8	+18 04 56	2 249
Geocentric position (AU)		+0.00607285	+0.00546117	+0.00307602		
C/2007 K8	2007 05	17.71255	03 37	29.9	+18 06 31	2 249
Geocentric position (AU)		+0.00607085	+0.00546255	+0.00307673		
C/2007 K8	2007 05	17.72922	03 37	21.5	+18 09 58	2 249
Geocentric position (AU)		+0.00606683	+0.00546530	+0.00307815		
C/2007 K8	2007 05	17.74588	03 37	14.2	+18 13 15	2 249
Geocentric position (AU)		+0.00606280	+0.00546805	+0.00307957		
C/2007 K8	2007 05	17.75422	03 37	10.3	+18 14 58	2 249
Geocentric position (AU)		+0.00606080	+0.00546943	+0.00308028		

C/2007 K9 (SOHO)

C/2007 K9	2007 05	17.64588	03 38	31.5	+17 46 25	2 249
Geocentric position (AU)		+0.00608690	+0.00545152	+0.00307103		
C/2007 K9	2007 05	17.66255	03 38	26.7	+17 49 02	2 249
Geocentric position (AU)		+0.00608289	+0.00545428	+0.00307246		

C/2007 K9	2007 05	17.67088	03 38	22.3	+17 50 31	2 249
Geocentric position (AU)		+0.00608089	+0.00545566	+0.00307317		
C/2007 K9	2007 05	17.68755	03 38	13.7	+17 53 43	2 249
Geocentric position (AU)		+0.00607687	+0.00545841	+0.00307459		
C/2007 K9	2007 05	17.70424	03 38	06.0	+17 56 54	2 249
Geocentric position (AU)		+0.00607285	+0.00546117	+0.00307602		
C/2007 K9	2007 05	17.71255	03 38	01.5	+17 58 49	2 249
Geocentric position (AU)		+0.00607085	+0.00546255	+0.00307673		
C/2007 K9	2007 05	17.72922	03 37	54.5	+18 01 30	2 249
Geocentric position (AU)		+0.00606683	+0.00546530	+0.00307815		

C/2007 K10 (SOHO)

C/2007 K10	2007 05	17.77922	03 43	23.3	+16 54 33	3 249
Geocentric position (AU)		+0.00605477	+0.00547355	+0.00308241		
C/2007 K10	2007 05	17.82089	03 43	07.5	+17 00 02	3 249
Geocentric position (AU)		+0.00604470	+0.00548041	+0.00308595		
C/2007 K10	2007 05	17.84589	03 42	56.0	+17 03 34	3 249
Geocentric position (AU)		+0.00603865	+0.00548453	+0.00308808		
C/2007 K10	2007 05	17.86255	03 42	52.9	+17 05 43	3 249
Geocentric position (AU)		+0.00603462	+0.00548727	+0.00308949		
C/2007 K10	2007 05	17.88813	03 42	45.4	+17 08 46	3 249
Geocentric position (AU)		+0.00602843	+0.00549148	+0.00309166		
C/2007 K10	2007 05	17.90422	03 42	37.0	+17 11 14	3 249
Geocentric position (AU)		+0.00602453	+0.00549412	+0.00309303		
C/2007 K10	2007 05	17.92922	03 42	29.8	+17 14 04	3 249
Geocentric position (AU)		+0.00601847	+0.00549823	+0.00309514		
C/2007 K10	2007 05	17.97100	03 42	15.6	+17 19 44	3 249
Geocentric position (AU)		+0.00600833	+0.00550508	+0.00309867		
C/2007 K10	2007 05	17.98755	03 42	09.5	+17 22 29	3 249
Geocentric position (AU)		+0.00600431	+0.00550780	+0.00310007		
C/2007 K10	2007 05	18.01255	03 42	00.3	+17 25 55	3 249
Geocentric position (AU)		+0.00599824	+0.00551189	+0.00310218		
C/2007 K10	2007 05	18.02922	03 41	55.6	+17 28 20	3 249
Geocentric position (AU)		+0.00599419	+0.00551462	+0.00310359		
C/2007 K10	2007 05	18.07089	03 41	40.3	+17 33 53	3 249
Geocentric position (AU)		+0.00598405	+0.00552144	+0.00310709		
C/2007 K10	2007 05	18.09589	03 41	28.7	+17 37 43	3 249
Geocentric position (AU)		+0.00597796	+0.00552552	+0.00310920		
C/2007 K10	2007 05	18.11255	03 41	23.8	+17 40 19	3 249
Geocentric position (AU)		+0.00597390	+0.00552825	+0.00311060		
C/2007 K10	2007 05	18.14176	03 41	11.6	+17 45 02	3 249
Geocentric position (AU)		+0.00596678	+0.00553301	+0.00311305		
C/2007 K10	2007 05	18.15616	03 41	06.9	+17 47 05	3 249
Geocentric position (AU)		+0.00596327	+0.00553536	+0.00311426		
C/2007 K10	2007 05	18.18755	03 40	55.0	+17 52 00	2 249
Geocentric position (AU)		+0.00595560	+0.00554048	+0.00311689		
C/2007 K10	2007 05	18.20424	03 40	49.3	+17 54 44	2 249
Geocentric position (AU)		+0.00595153	+0.00554320	+0.00311828		
C/2007 K10	2007 05	18.21255	03 40	45.0	+17 56 05	2 249
Geocentric position (AU)		+0.00594950	+0.00554455	+0.00311898		
C/2007 K10	2007 05	18.22922	03 40	38.1	+17 58 44	2 249
Geocentric position (AU)		+0.00594542	+0.00554726	+0.00312037		

C/2007 K10	2007 05	18.24588	03 40	31.2	+18 01	43	2	249
Geocentric position (AU)		+0.00594135		+0.00554998		+0.00312176		
C/2007 K10	2007 05	18.25423	03 40	27.6	+18 03	12	2	249
Geocentric position (AU)		+0.00593931		+0.00555133		+0.00312246		
C/2007 K10	2007 05	18.27089	03 40	20.2	+18 05	53	2	249
Geocentric position (AU)		+0.00593523		+0.00555404		+0.00312385		
C/2007 K10	2007 05	18.28787	03 40	13.7	+18 08	57	2	249
Geocentric position (AU)		+0.00593108		+0.00555680		+0.00312527		
C/2007 K10	2007 05	18.31372	03 40	02.4	+18 13	54	2	249
Geocentric position (AU)		+0.00592475		+0.00556099		+0.00312742		
C/2007 K10	2007 05	18.32922	03 39	55.2	+18 16	43	2	249
Geocentric position (AU)		+0.00592095		+0.00556351		+0.00312871		
C/2007 K10	2007 05	18.33755	03 39	52.3	+18 18	15	2	249
Geocentric position (AU)		+0.00591891		+0.00556486		+0.00312940		
C/2007 K10	2007 05	18.35424	03 39	44.0	+18 21	30	2	249
Geocentric position (AU)		+0.00591482		+0.00556756		+0.00313079		
C/2007 K10	2007 05	18.38092	03 39	32.8	+18 26	51	2	249
Geocentric position (AU)		+0.00590828		+0.00557188		+0.00313301		

C/2007 K11 (SOHO)

C/2007 K11	2007 05	18.27089	03 41	07.6	+17 53	25	2	249
Geocentric position (AU)		+0.00593523		+0.00555404		+0.00312385		
C/2007 K11	2007 05	18.28787	03 41	01.3	+17 56	23	2	249
Geocentric position (AU)		+0.00593108		+0.00555680		+0.00312527		
C/2007 K11	2007 05	18.31372	03 40	49.9	+18 01	31	2	249
Geocentric position (AU)		+0.00592475		+0.00556099		+0.00312742		
C/2007 K11	2007 05	18.32922	03 40	42.3	+18 04	04	2	249
Geocentric position (AU)		+0.00592095		+0.00556351		+0.00312871		
C/2007 K11	2007 05	18.33755	03 40	40.4	+18 05	43	2	249
Geocentric position (AU)		+0.00591891		+0.00556486		+0.00312940		
C/2007 K11	2007 05	18.35424	03 40	30.2	+18 08	42	2	249
Geocentric position (AU)		+0.00591482		+0.00556756		+0.00313079		
C/2007 K11	2007 05	18.38092	03 40	19.2	+18 13	56	2	249
Geocentric position (AU)		+0.00590828		+0.00557188		+0.00313301		

C/2007 K12 (SOHO)

C/2007 K12	2007 05	18.39589	03 41	52.4	+20 07	53	2	249
Geocentric position (AU)		+0.00590460		+0.00557431		+0.00313425		
C/2007 K12	2007 05	18.41255	03 41	53.1	+20 13	15	2	249
Geocentric position (AU)		+0.00590051		+0.00557700		+0.00313563		
C/2007 K12	2007 05	18.42088	03 41	53.3	+20 15	59	2	249
Geocentric position (AU)		+0.00589847		+0.00557835		+0.00313632		
C/2007 K12	2007 05	18.43778	03 41	53.6	+20 21	20	2	249
Geocentric position (AU)		+0.00589432		+0.00558108		+0.00313772		
C/2007 K12	2007 05	18.46257	03 41	53.9	+20 29	12	2	249
Geocentric position (AU)		+0.00588822		+0.00558509		+0.00313977		
C/2007 K12	2007 05	18.47922	03 41	53.6	+20 34	19	2	249
Geocentric position (AU)		+0.00588413		+0.00558778		+0.00314115		
C/2007 K12	2007 05	18.50558	03 41	53.7	+20 42	19	2	249
Geocentric position (AU)		+0.00587764		+0.00559203		+0.00314333		
C/2007 K12	2007 05	18.52089	03 41	52.7	+20 46	49	2	249
Geocentric position (AU)		+0.00587388		+0.00559450		+0.00314459		
C/2007 K12	2007 05	18.53757	03 41	52.5	+20 51	49	2	249
Geocentric position (AU)		+0.00586977		+0.00559719		+0.00314597		

C/2007 K12	2007 05	18.56367	03 41	47.7	+20 59	06	2	249
Geocentric position (AU)		+0.00586334		+0.00560139		+0.00314812		
C/2007 K12	2007 05	18.57922	03 41	48.3	+21 03	04	2	249
Geocentric position (AU)		+0.00585950		+0.00560389		+0.00314940		
C/2007 K12	2007 05	18.58755	03 41	47.5	+21 05	13	2	249
Geocentric position (AU)		+0.00585745		+0.00560523		+0.00315009		
C/2007 K12	2007 05	18.60422	03 41	46.0	+21 09	32	2	249
Geocentric position (AU)		+0.00585334		+0.00560791		+0.00315146		
C/2007 K12	2007 05	18.63065	03 41	42.2	+21 15	44	2	249
Geocentric position (AU)		+0.00584681		+0.00561216		+0.00315363		
C/2007 K12	2007 05	18.64590	03 41	40.2	+21 19	06	2	249
Geocentric position (AU)		+0.00584305		+0.00561461		+0.00315488		

C/2007 K13 (SOHO)

C/2007 K13	2007 05	21.17505	03 52	23.8	+18 29	34	2	249
Geocentric position (AU)		+0.00520108		+0.00600345		+0.00335056		
C/2007 K13	2007 05	21.18339	03 52	21.1	+18 30	55	2	249
Geocentric position (AU)		+0.00519891		+0.00600467		+0.00335116		
C/2007 K13	2007 05	21.19172	03 52	18.5	+18 32	17	2	249
Geocentric position (AU)		+0.00519674		+0.00600589		+0.00335177		
C/2007 K13	2007 05	21.20006	03 52	15.0	+18 33	37	2	249
Geocentric position (AU)		+0.00519458		+0.00600712		+0.00335237		
C/2007 K13	2007 05	21.20838	03 52	12.1	+18 34	57	2	249
Geocentric position (AU)		+0.00519241		+0.00600834		+0.00335297		
C/2007 K13	2007 05	21.21672	03 52	08.7	+18 36	23	2	249
Geocentric position (AU)		+0.00519024		+0.00600956		+0.00335358		
C/2007 K13	2007 05	21.22506	03 52	06.1	+18 37	52	2	249
Geocentric position (AU)		+0.00518807		+0.00601078		+0.00335418		
C/2007 K13	2007 05	21.23340	03 52	03.1	+18 39	04	2	249
Geocentric position (AU)		+0.00518590		+0.00601200		+0.00335479		
C/2007 K13	2007 05	21.24172	03 52	00.0	+18 40	41	2	249
Geocentric position (AU)		+0.00518373		+0.00601322		+0.00335539		
C/2007 K13	2007 05	21.25005	03 51	56.7	+18 42	05	2	249
Geocentric position (AU)		+0.00518157		+0.00601444		+0.00335599		
C/2007 K13	2007 05	21.25839	03 51	54.2	+18 43	39	2	249
Geocentric position (AU)		+0.00517939		+0.00601566		+0.00335659		
C/2007 K13	2007 05	21.26672	03 51	50.8	+18 45	10	2	249
Geocentric position (AU)		+0.00517723		+0.00601688		+0.00335719		
C/2007 K13	2007 05	21.27507	03 51	47.4	+18 46	34	2	249
Geocentric position (AU)		+0.00517505		+0.00601810		+0.00335780		
C/2007 K13	2007 05	21.28338	03 51	44.2	+18 47	55	2	249
Geocentric position (AU)		+0.00517289		+0.00601931		+0.00335840		
C/2007 K13	2007 05	21.29172	03 51	40.5	+18 49	47	2	249
Geocentric position (AU)		+0.00517072		+0.00602053		+0.00335900		
C/2007 K13	2007 05	21.30005	03 51	38.4	+18 50	56	2	249
Geocentric position (AU)		+0.00516854		+0.00602175		+0.00335960		

C/2007 K14 (SOHO)

C/2007 K14	2007 05	21.18339	03 52	27.7	+18 29	29	2	249
Geocentric position (AU)		+0.00519891		+0.00600467		+0.00335116		
C/2007 K14	2007 05	21.19172	03 52	23.3	+18 31	04	2	249
Geocentric position (AU)		+0.00519674		+0.00600589		+0.00335177		
C/2007 K14	2007 05	21.20838	03 52	19.1	+18 33	24	2	249
Geocentric position (AU)		+0.00519241		+0.00600834		+0.00335297		

C/2007 K14	2007 05	21.21672	03 52 15.5	+18 35 03	2 249
Geocentric position (AU)		+0.00519024	+0.00600956	+0.00335358	
C/2007 K14	2007 05	21.22506	03 52 11.0	+18 36 32	2 249
Geocentric position (AU)		+0.00518807	+0.00601078	+0.00335418	
C/2007 K14	2007 05	21.23340	03 52 08.2	+18 37 24	2 249
Geocentric position (AU)		+0.00518590	+0.00601200	+0.00335479	
C/2007 K14	2007 05	21.24172	03 52 05.6	+18 38 51	2 249
Geocentric position (AU)		+0.00518373	+0.00601322	+0.00335539	
C/2007 K14	2007 05	21.25005	03 52 03.5	+18 40 15	2 249
Geocentric position (AU)		+0.00518157	+0.00601444	+0.00335599	
C/2007 K14	2007 05	21.25839	03 51 59.4	+18 42 18	2 249
Geocentric position (AU)		+0.00517939	+0.00601566	+0.00335659	
C/2007 K14	2007 05	21.26672	03 51 56.8	+18 43 36	2 249
Geocentric position (AU)		+0.00517723	+0.00601688	+0.00335719	
C/2007 K14	2007 05	21.27507	03 51 52.1	+18 45 18	2 249
Geocentric position (AU)		+0.00517505	+0.00601810	+0.00335780	
C/2007 K14	2007 05	21.28338	03 51 49.8	+18 46 24	2 249
Geocentric position (AU)		+0.00517289	+0.00601931	+0.00335840	
C/2007 K14	2007 05	21.29172	03 51 47.1	+18 47 59	2 249
Geocentric position (AU)		+0.00517072	+0.00602053	+0.00335900	

C/2007 K15 (SOHO)

C/2007 K15	2007 05	22.20006	03 54 46.7	+18 34 12	2 249
Geocentric position (AU)		+0.00493240	+0.00615092	+0.00342296	
C/2007 K15	2007 05	22.20839	03 54 44.1	+18 36 10	2 249
Geocentric position (AU)		+0.00493020	+0.00615210	+0.00342353	
C/2007 K15	2007 05	22.21672	03 54 43.0	+18 37 08	2 249
Geocentric position (AU)		+0.00492800	+0.00615327	+0.00342410	
C/2007 K15	2007 05	22.22507	03 54 39.5	+18 38 22	2 249
Geocentric position (AU)		+0.00492580	+0.00615445	+0.00342467	
C/2007 K15	2007 05	22.23339	03 54 37.4	+18 39 39	2 249
Geocentric position (AU)		+0.00492360	+0.00615562	+0.00342524	
C/2007 K15	2007 05	22.24172	03 54 33.7	+18 41 21	2 249
Geocentric position (AU)		+0.00492139	+0.00615679	+0.00342581	
C/2007 K15	2007 05	22.25005	03 54 34.5	+18 42 35	2 249
Geocentric position (AU)		+0.00491919	+0.00615797	+0.00342638	
C/2007 K15	2007 05	22.25839	03 54 31.6	+18 44 20	2 249
Geocentric position (AU)		+0.00491699	+0.00615914	+0.00342696	
C/2007 K15	2007 05	22.26672	03 54 28.9	+18 45 26	2 249
Geocentric position (AU)		+0.00491479	+0.00616031	+0.00342753	
C/2007 K15	2007 05	22.27505	03 54 27.3	+18 46 44	2 249
Geocentric position (AU)		+0.00491258	+0.00616148	+0.00342810	
C/2007 K15	2007 05	22.28340	03 54 25.6	+18 48 00	2 249
Geocentric position (AU)		+0.00491037	+0.00616266	+0.00342867	
C/2007 K15	2007 05	22.29172	03 54 23.3	+18 49 47	2 249
Geocentric position (AU)		+0.00490817	+0.00616382	+0.00342923	
C/2007 K15	2007 05	22.30005	03 54 20.9	+18 50 58	2 249
Geocentric position (AU)		+0.00490597	+0.00616499	+0.00342980	
C/2007 K15	2007 05	22.30840	03 54 17.2	+18 52 38	2 249
Geocentric position (AU)		+0.00490376	+0.00616617	+0.00343037	
C/2007 K15	2007 05	22.33339	03 54 10.7	+18 57 08	2 249
Geocentric position (AU)		+0.00489715	+0.00616967	+0.00343208	

C/2007 K15	2007 05	22.34172	03 54 08.8	+18 58 28	2 249
Geocentric position (AU)		+0.00489494	+0.00617084	+0.00343265	
C/2007 K15	2007 05	22.35006	03 54 06.7	+18 59 58	2 249
Geocentric position (AU)		+0.00489274	+0.00617201	+0.00343321	

C/2007 K16 (SOHO)

C/2007 K16	2007 05	22.29172	03 55 53.0	+18 38 22	2 249
Geocentric position (AU)		+0.00490817	+0.00616382	+0.00342923	
C/2007 K16	2007 05	22.30005	03 55 49.5	+18 39 43	2 249
Geocentric position (AU)		+0.00490597	+0.00616499	+0.00342980	
C/2007 K16	2007 05	22.30840	03 55 45.6	+18 41 26	2 249
Geocentric position (AU)		+0.00490376	+0.00616617	+0.00343037	
C/2007 K16	2007 05	22.31674	03 55 43.1	+18 42 42	2 249
Geocentric position (AU)		+0.00490156	+0.00616734	+0.00343094	
C/2007 K16	2007 05	22.32506	03 55 41.7	+18 44 02	2 249
Geocentric position (AU)		+0.00489935	+0.00616850	+0.00343151	
C/2007 K16	2007 05	22.33339	03 55 38.6	+18 45 34	2 249
Geocentric position (AU)		+0.00489715	+0.00616967	+0.00343208	
C/2007 K16	2007 05	22.34172	03 55 35.5	+18 46 54	2 249
Geocentric position (AU)		+0.00489494	+0.00617084	+0.00343265	
C/2007 K16	2007 05	22.35006	03 55 33.4	+18 48 41	2 249
Geocentric position (AU)		+0.00489274	+0.00617201	+0.00343321	
C/2007 K16	2007 05	22.35838	03 55 31.9	+18 49 35	2 249
Geocentric position (AU)		+0.00489053	+0.00617318	+0.00343378	
C/2007 K16	2007 05	22.36673	03 55 28.3	+18 51 24	2 249
Geocentric position (AU)		+0.00488832	+0.00617434	+0.00343435	
C/2007 K16	2007 05	22.37505	03 55 26.0	+18 53 01	2 249
Geocentric position (AU)		+0.00488612	+0.00617551	+0.00343491	
C/2007 K16	2007 05	22.38340	03 55 23.3	+18 54 15	2 249
Geocentric position (AU)		+0.00488391	+0.00617668	+0.00343548	
C/2007 K16	2007 05	22.39172	03 55 21.4	+18 55 47	2 249
Geocentric position (AU)		+0.00488171	+0.00617784	+0.00343605	
C/2007 K16	2007 05	22.40006	03 55 17.0	+18 57 26	2 249
Geocentric position (AU)		+0.00487950	+0.00617901	+0.00343661	
C/2007 K16	2007 05	22.40839	03 55 15.1	+18 59 10	2 249
Geocentric position (AU)		+0.00487729	+0.00618017	+0.00343718	

C/2007 K17 (SOHO)

C/2007 K17	2007 05	24.63519	04 05 09.5	+19 07 01	2 249
Geocentric position (AU)		+0.00427922	+0.00647751	+0.00357889	
C/2007 K17	2007 05	24.64172	04 05 07.1	+19 08 09	2 249
Geocentric position (AU)		+0.00427745	+0.00647834	+0.00357928	
C/2007 K17	2007 05	24.65006	04 05 05.4	+19 09 15	2 249
Geocentric position (AU)		+0.00427518	+0.00647940	+0.00357978	
C/2007 K17	2007 05	24.65838	04 05 02.8	+19 11 27	2 249
Geocentric position (AU)		+0.00427291	+0.00648046	+0.00358027	
C/2007 K17	2007 05	24.66672	04 05 01.0	+19 12 32	2 249
Geocentric position (AU)		+0.00427065	+0.00648152	+0.00358076	
C/2007 K17	2007 05	24.67506	04 04 57.1	+19 14 23	2 249
Geocentric position (AU)		+0.00426838	+0.00648258	+0.00358126	
C/2007 K17	2007 05	24.68338	04 04 53.6	+19 15 45	2 249
Geocentric position (AU)		+0.00426612	+0.00648363	+0.00358175	
C/2007 K17	2007 05	24.69172	04 04 52.1	+19 17 20	2 249
Geocentric position (AU)		+0.00426385	+0.00648469	+0.00358225	

C/2007 K17	2007 05 24.70007	04 04 50.1	+19 18 07	2 249
Geocentric position (AU)	+0.00426158	+0.00648575	+0.00358274	
C/2007 K17	2007 05 24.70839	04 04 48.1	+19 19 49	2 249
Geocentric position (AU)	+0.00425931	+0.00648681	+0.00358323	
C/2007 K17	2007 05 24.71672	04 04 44.5	+19 22 03	2 249
Geocentric position (AU)	+0.00425705	+0.00648786	+0.00358373	

C/2007 K18 (SOHO)

C/2007 K18	2007 05 26.26256	04 11 55.9	+19 06 17	3 249
Geocentric position (AU)	+0.00383364	+0.00667726	+0.00367066	
C/2007 K18	2007 05 26.27922	04 11 46.9	+19 11 04	3 249
Geocentric position (AU)	+0.00382905	+0.00667923	+0.00367155	
C/2007 K18	2007 05 26.30422	04 11 38.4	+19 15 49	3 249
Geocentric position (AU)	+0.00382216	+0.00668219	+0.00367288	
C/2007 K18	2007 05 26.33755	04 11 35.0	+19 20 06	2 249
Geocentric position (AU)	+0.00381296	+0.00668612	+0.00367466	
C/2007 K18	2007 05 26.34589	04 11 36.8	+19 20 41	3 249
Geocentric position (AU)	+0.00381067	+0.00668710	+0.00367510	
C/2007 K18	2007 05 26.35144	04 11 31.4	+19 22 34	2 249
Geocentric position (AU)	+0.00380913	+0.00668776	+0.00367539	
C/2007 K18	2007 05 26.36255	04 11 30.5	+19 24 08	3 249
Geocentric position (AU)	+0.00380607	+0.00668906	+0.00367598	
C/2007 K18	2007 05 26.36811	04 11 27.4	+19 25 19	2 249
Geocentric position (AU)	+0.00380453	+0.00668972	+0.00367628	
C/2007 K18	2007 05 26.37922	04 11 24.6	+19 27 19	2 249
Geocentric position (AU)	+0.00380147	+0.00669103	+0.00367687	
C/2007 K18	2007 05 26.39311	04 11 21.1	+19 29 44	2 249
Geocentric position (AU)	+0.00379764	+0.00669266	+0.00367760	

C/2007 K19 (SOHO)

C/2007 K19	2007 05 28.32644	04 17 00.5	+19 31 50	2 249
Geocentric position (AU)	+0.00326099	+0.00690985	+0.00377311	
C/2007 K19	2007 05 28.33755	04 16 58.8	+19 34 45	2 249
Geocentric position (AU)	+0.00325790	+0.00691104	+0.00377362	
C/2007 K19	2007 05 28.35146	04 16 56.5	+19 38 34	2 249
Geocentric position (AU)	+0.00325401	+0.00691253	+0.00377425	
C/2007 K19	2007 05 28.36811	04 16 54.4	+19 43 15	2 249
Geocentric position (AU)	+0.00324936	+0.00691431	+0.00377502	
C/2007 K19	2007 05 28.37922	04 16 52.6	+19 46 32	2 249
Geocentric position (AU)	+0.00324626	+0.00691550	+0.00377552	
C/2007 K19	2007 05 28.39311	04 16 51.0	+19 50 48	2 249
Geocentric position (AU)	+0.00324239	+0.00691698	+0.00377616	

C/2007 K20 (SOHO)

C/2007 K20	2007 05 31.12940	04 29 47.0	+20 02 09	2 249
Geocentric position (AU)	+0.00247394	+0.00718998	+0.00388822	
C/2007 K20	2007 05 31.14589	04 29 43.7	+20 05 24	2 249
Geocentric position (AU)	+0.00246929	+0.00719151	+0.00388881	
C/2007 K20	2007 05 31.16255	04 29 41.8	+20 08 02	2 249
Geocentric position (AU)	+0.00246458	+0.00719305	+0.00388942	
C/2007 K20	2007 05 31.17089	04 29 40.6	+20 09 30	2 249
Geocentric position (AU)	+0.00246223	+0.00719382	+0.00388972	
C/2007 K20	2007 05 31.18755	04 29 40.0	+20 12 12	2 249
Geocentric position (AU)	+0.00245753	+0.00719537	+0.00389032	

C/2007 K20	2007 05 31.20424	04 29 35.4	+20 15 21	2 249
Geocentric position (AU)	+0.00245282	+0.00719691	+0.00389092	
C/2007 K20	2007 05 31.21255	04 29 35.1	+20 17 10	2 249
Geocentric position (AU)	+0.00245047	+0.00719768	+0.00389122	
C/2007 K20	2007 05 31.22923	04 29 32.6	+20 19 42	2 249
Geocentric position (AU)	+0.00244576	+0.00719922	+0.00389182	
C/2007 K20	2007 05 31.24589	04 29 30.0	+20 23 23	2 249
Geocentric position (AU)	+0.00244106	+0.00720076	+0.00389242	
C/2007 K20	2007 05 31.25422	04 29 29.3	+20 24 43	2 249
Geocentric position (AU)	+0.00243871	+0.00720152	+0.00389272	
C/2007 K20	2007 05 31.27090	04 29 26.7	+20 28 07	2 249
Geocentric position (AU)	+0.00243400	+0.00720306	+0.00389332	
C/2007 K20	2007 05 31.28755	04 29 25.0	+20 31 38	2 249
Geocentric position (AU)	+0.00242929	+0.00720460	+0.00389391	

C/2007 K21 (SOHO)

C/2007 K21	2007 05 23.35838	03 59 53.1	+18 50 05	2 249
Geocentric position (AU)	+0.00462404	+0.00631044	+0.00349994	
C/2007 K21	2007 05 23.36672	03 59 50.8	+18 52 06	2 249
Geocentric position (AU)	+0.00462181	+0.00631156	+0.00350048	
C/2007 K21	2007 05 23.37506	03 59 50.7	+18 52 11	2 249
Geocentric position (AU)	+0.00461957	+0.00631268	+0.00350101	
C/2007 K21	2007 05 23.38341	03 59 50.9	+18 54 12	2 249
Geocentric position (AU)	+0.00461733	+0.00631380	+0.00350155	
C/2007 K21	2007 05 23.39172	03 59 43.7	+18 55 37	2 249
Geocentric position (AU)	+0.00461510	+0.00631492	+0.00350208	
C/2007 K21	2007 05 23.40005	03 59 39.4	+18 57 34	2 249
Geocentric position (AU)	+0.00461287	+0.00631604	+0.00350261	
C/2007 K21	2007 05 23.40840	03 59 40.3	+18 58 53	2 249
Geocentric position (AU)	+0.00461063	+0.00631716	+0.00350315	
C/2007 K21	2007 05 23.41672	03 59 34.8	+19 00 43	2 249
Geocentric position (AU)	+0.00460839	+0.00631827	+0.00350368	
C/2007 K21	2007 05 23.42505	03 59 31.9	+19 02 08	2 249
Geocentric position (AU)	+0.00460616	+0.00631939	+0.00350422	
C/2007 K21	2007 05 23.43339	03 59 30.1	+19 03 50	2 249
Geocentric position (AU)	+0.00460392	+0.00632051	+0.00350475	
C/2007 K21	2007 05 23.44172	03 59 28.7	+19 05 26	2 249
Geocentric position (AU)	+0.00460169	+0.00632162	+0.00350528	
C/2007 K21	2007 05 23.45005	03 59 26.3	+19 06 39	2 249
Geocentric position (AU)	+0.00459945	+0.00632274	+0.00350582	
C/2007 K21	2007 05 23.45839	03 59 21.3	+19 08 37	2 249
Geocentric position (AU)	+0.00459721	+0.00632386	+0.00350635	
C/2007 K21	2007 05 23.46674	03 59 19.1	+19 10 33	2 249
Geocentric position (AU)	+0.00459497	+0.00632497	+0.00350688	
C/2007 K21	2007 05 23.47505	03 59 16.8	+19 11 52	2 249
Geocentric position (AU)	+0.00459274	+0.00632609	+0.00350741	
C/2007 K21	2007 05 23.48339	03 59 12.9	+19 13 28	2 249
Geocentric position (AU)	+0.00459050	+0.00632720	+0.00350794	
C/2007 K21	2007 05 23.49172	03 59 10.6	+19 15 01	2 249
Geocentric position (AU)	+0.00458826	+0.00632832	+0.00350847	
C/2007 K21	2007 05 23.50005	03 59 08.5	+19 16 39	2 249
Geocentric position (AU)	+0.00458602	+0.00632943	+0.00350901	

C/2007 K21	2007 05 23.50839	03 59 05.1	+19 18 29	2 249
Geocentric position (AU)	+0.00458378	+0.00633054	+0.00350954	
C/2007 K21	2007 05 23.51672	03 59 03.6	+19 19 54	2 249
Geocentric position (AU)	+0.00458154	+0.00633166	+0.00351007	
C/2007 K21	2007 05 23.52506	03 59 00.9	+19 22 35	2 249
Geocentric position (AU)	+0.00457930	+0.00633277	+0.00351060	
C/2007 K21	2007 05 23.53340	03 58 57.7	+19 23 54	2 249
Geocentric position (AU)	+0.00457706	+0.00633388	+0.00351113	
C/2007 K21	2007 05 23.54172	03 58 55.8	+19 25 22	2 249
Geocentric position (AU)	+0.00457483	+0.00633499	+0.00351166	

C/2007 L1 (SOHO)

C/2007 L1	2007 06 04.30542	04 46 26.6	+20 12 54	3 249
Geocentric position (AU)	+0.00128863	+0.00753499	+0.00401108	
C/2007 L1	2007 06 04.31960	04 46 24.6	+20 15 23	3 249
Geocentric position (AU)	+0.00128459	+0.00753602	+0.00401140	
C/2007 L1	2007 06 04.34190	04 46 27.2	+20 18 17	3 249
Geocentric position (AU)	+0.00127823	+0.00753763	+0.00401190	
C/2007 L1	2007 06 04.35609	04 46 28.9	+20 21 20	3 249
Geocentric position (AU)	+0.00127418	+0.00753866	+0.00401222	
C/2007 L1	2007 06 04.37842	04 46 27.9	+20 24 23	3 249
Geocentric position (AU)	+0.00126781	+0.00754027	+0.00401272	
C/2007 L1	2007 06 04.39256	04 46 21.7	+20 28 19	3 249
Geocentric position (AU)	+0.00126377	+0.00754129	+0.00401303	
C/2007 L1	2007 06 04.41481	04 46 21.8	+20 31 54	3 249
Geocentric position (AU)	+0.00125743	+0.00754289	+0.00401353	
C/2007 L1	2007 06 04.42192	04 46 23.9	+20 32 58	2 249
Geocentric position (AU)	+0.00125539	+0.00754340	+0.00401369	
C/2007 L1	2007 06 04.42897	04 46 21.8	+20 34 11	3 249
Geocentric position (AU)	+0.00125339	+0.00754391	+0.00401385	
C/2007 L1	2007 06 04.43716	04 46 22.9	+20 35 52	2 249
Geocentric position (AU)	+0.00125104	+0.00754450	+0.00401403	
C/2007 L1	2007 06 04.44418	04 46 22.2	+20 37 16	2 249
Geocentric position (AU)	+0.00124903	+0.00754500	+0.00401418	
C/2007 L1	2007 06 04.46093	04 46 20.8	+20 40 15	2 249
Geocentric position (AU)	+0.00124426	+0.00754621	+0.00401456	
C/2007 L1	2007 06 04.47615	04 46 20.3	+20 43 14	2 249
Geocentric position (AU)	+0.00123991	+0.00754730	+0.00401489	
C/2007 L1	2007 06 04.48318	04 46 20.3	+20 44 46	2 249
Geocentric position (AU)	+0.00123791	+0.00754780	+0.00401505	
C/2007 L1	2007 06 04.49737	04 46 19.5	+20 47 29	2 249
Geocentric position (AU)	+0.00123386	+0.00754882	+0.00401536	
C/2007 L1	2007 06 04.51298	04 46 18.8	+20 50 28	2 249
Geocentric position (AU)	+0.00122940	+0.00754993	+0.00401570	
C/2007 L1	2007 06 04.53797	04 46 17.4	+20 55 37	2 249
Geocentric position (AU)	+0.00122227	+0.00755172	+0.00401625	
C/2007 L1	2007 06 04.55319	04 46 16.6	+20 58 49	2 249
Geocentric position (AU)	+0.00121792	+0.00755280	+0.00401658	
C/2007 L1	2007 06 04.56023	04 46 16.5	+21 00 22	2 249
Geocentric position (AU)	+0.00121592	+0.00755330	+0.00401674	
C/2007 L1	2007 06 04.57443	04 46 16.2	+21 03 31	2 249
Geocentric position (AU)	+0.00121186	+0.00755432	+0.00401705	

C/2007 L1	2007 06 04.58972	04 46 15.8	+21 06 54	2 249
Geocentric position (AU)	+0.00120750	+0.00755540	+0.00401738	
C/2007 L1	2007 06 04.59679	04 46 15.0	+21 08 28	2 249
Geocentric position (AU)	+0.00120548	+0.00755591	+0.00401753	
C/2007 L1	2007 06 04.61101	04 46 15.0	+21 11 47	2 249
Geocentric position (AU)	+0.00120142	+0.00755692	+0.00401784	
C/2007 L1	2007 06 04.62627	04 46 14.8	+21 15 23	2 249
Geocentric position (AU)	+0.00119707	+0.00755800	+0.00401817	
C/2007 L1	2007 06 04.63332	04 46 14.2	+21 16 48	2 249
Geocentric position (AU)	+0.00119505	+0.00755850	+0.00401832	

C/2007 L2 (SOHO)

C/2007 L2	2007 06 04.97097	04 52 07.6	+18 38 56	3 249
Geocentric position (AU)	+0.00109864	+0.00758215	+0.00402542	
C/2007 L2	2007 06 04.98755	04 52 08.1	+18 40 50	3 249
Geocentric position (AU)	+0.00109391	+0.00758330	+0.00402576	
C/2007 L2	2007 06 05.01257	04 52 05.6	+18 43 22	3 249
Geocentric position (AU)	+0.00108676	+0.00758503	+0.00402627	
C/2007 L2	2007 06 05.02924	04 52 06.2	+18 45 50	3 249
Geocentric position (AU)	+0.00108200	+0.00758618	+0.00402660	
C/2007 L2	2007 06 05.05422	04 52 05.9	+18 48 12	3 249
Geocentric position (AU)	+0.00107486	+0.00758790	+0.00402711	
C/2007 L2	2007 06 05.07088	04 52 03.4	+18 50 14	3 249
Geocentric position (AU)	+0.00107010	+0.00758904	+0.00402745	
C/2007 L2	2007 06 05.13318	04 52 03.4	+18 56 58	3 249
Geocentric position (AU)	+0.00105230	+0.00759332	+0.00402869	
C/2007 L2	2007 06 05.16323	04 52 03.1	+19 00 16	3 249
Geocentric position (AU)	+0.00104371	+0.00759537	+0.00402929	
C/2007 L2	2007 06 05.17752	04 52 03.9	+19 02 17	3 249
Geocentric position (AU)	+0.00103963	+0.00759634	+0.00402957	
C/2007 L2	2007 06 05.19983	04 52 03.0	+19 04 43	3 249
Geocentric position (AU)	+0.00103325	+0.00759787	+0.00403001	
C/2007 L2	2007 06 05.21410	04 52 01.7	+19 06 19	3 249
Geocentric position (AU)	+0.00102917	+0.00759884	+0.00403030	
C/2007 L2	2007 06 05.23639	04 52 02.3	+19 09 14	3 249
Geocentric position (AU)	+0.00102280	+0.00760035	+0.00403073	
C/2007 L2	2007 06 05.25056	04 52 01.7	+19 10 51	3 249
Geocentric position (AU)	+0.00101875	+0.00760131	+0.00403101	
C/2007 L2	2007 06 05.27286	04 52 00.2	+19 13 38	3 249
Geocentric position (AU)	+0.00101238	+0.00760283	+0.00403145	
C/2007 L2	2007 06 05.28705	04 52 01.7	+19 15 03	3 249
Geocentric position (AU)	+0.00100832	+0.00760379	+0.00403172	
C/2007 L2	2007 06 05.30941	04 52 00.5	+19 18 05	3 249
Geocentric position (AU)	+0.00100193	+0.00760530	+0.00403216	
C/2007 L2	2007 06 05.32403	04 52 01.9	+19 19 45	3 249
Geocentric position (AU)	+0.00099775	+0.00760628	+0.00403244	
C/2007 L2	2007 06 05.34644	04 51 59.6	+19 22 17	3 249
Geocentric position (AU)	+0.00099134	+0.00760780	+0.00403287	
C/2007 L2	2007 06 05.36255	04 51 59.8	+19 24 25	3 249
Geocentric position (AU)	+0.00098674	+0.00760888	+0.00403318	
C/2007 L2	2007 06 05.38755	04 51 58.6	+19 27 42	3 249
Geocentric position (AU)	+0.00097959	+0.00761056	+0.00403366	

C/2007 L2	2007 06 05.40422	04 51 57.5	+19 29 40	3 249
Geocentric position (AU)	+0.00097483	+0.00761168	+0.00403398	
C/2007 L2	2007 06 05.43054	04 51 56.7	+19 32 54	3 249
Geocentric position (AU)	+0.00096730	+0.00761344	+0.00403448	
C/2007 L2	2007 06 05.44589	04 51 58.7	+19 35 11	3 249
Geocentric position (AU)	+0.00096291	+0.00761447	+0.00403477	
C/2007 L2	2007 06 05.47088	04 51 56.7	+19 38 23	3 249
Geocentric position (AU)	+0.00095576	+0.00761614	+0.00403524	
C/2007 L2	2007 06 05.48755	04 51 56.2	+19 40 53	3 249
Geocentric position (AU)	+0.00095100	+0.00761725	+0.00403555	
C/2007 L2	2007 06 05.51255	04 51 56.3	+19 44 31	3 249
Geocentric position (AU)	+0.00094385	+0.00761892	+0.00403602	
C/2007 L2	2007 06 05.52922	04 51 54.2	+19 45 52	3 249
Geocentric position (AU)	+0.00093908	+0.00762003	+0.00403633	
C/2007 L2	2007 06 05.57089	04 51 53.5	+19 51 31	3 249
Geocentric position (AU)	+0.00092717	+0.00762279	+0.00403710	
C/2007 L2	2007 06 05.59589	04 51 52.8	+19 55 24	3 249
Geocentric position (AU)	+0.00092002	+0.00762445	+0.00403757	
C/2007 L2	2007 06 05.61256	04 51 52.9	+19 57 53	3 249
Geocentric position (AU)	+0.00091525	+0.00762555	+0.00403787	
C/2007 L2	2007 06 05.63755	04 51 51.5	+20 01 05	3 249
Geocentric position (AU)	+0.00090810	+0.00762720	+0.00403833	
C/2007 L2	2007 06 05.65422	04 51 53.5	+20 03 20	3 249
Geocentric position (AU)	+0.00090333	+0.00762830	+0.00403863	
C/2007 L2	2007 06 05.67923	04 51 52.8	+20 06 57	3 249
Geocentric position (AU)	+0.00089618	+0.00762994	+0.00403909	
C/2007 L2	2007 06 05.69589	04 51 50.4	+20 09 42	3 249
Geocentric position (AU)	+0.00089141	+0.00763104	+0.00403939	
C/2007 L2	2007 06 05.72088	04 51 49.9	+20 13 06	3 249
Geocentric position (AU)	+0.00088426	+0.00763267	+0.00403984	
C/2007 L2	2007 06 05.73756	04 51 49.6	+20 15 47	3 249
Geocentric position (AU)	+0.00087949	+0.00763377	+0.00404014	
C/2007 L2	2007 06 05.76255	04 51 49.2	+20 19 33	3 249
Geocentric position (AU)	+0.00087234	+0.00763540	+0.00404059	
C/2007 L2	2007 06 05.77922	04 51 47.3	+20 22 41	3 249
Geocentric position (AU)	+0.00086757	+0.00763649	+0.00404089	
C/2007 L2	2007 06 05.82090	04 51 49.0	+20 29 06	3 249
Geocentric position (AU)	+0.00085564	+0.00763920	+0.00404163	
C/2007 L2	2007 06 05.84590	04 51 49.0	+20 32 37	3 249
Geocentric position (AU)	+0.00084849	+0.00764082	+0.00404207	
C/2007 L2	2007 06 05.86255	04 51 48.3	+20 36 04	3 249
Geocentric position (AU)	+0.00084372	+0.00764190	+0.00404236	
C/2007 L2	2007 06 05.88770	04 51 46.8	+20 40 14	3 249
Geocentric position (AU)	+0.00083653	+0.00764353	+0.00404280	
C/2007 L2	2007 06 05.89589	04 51 48.4	+20 41 17	2 249
Geocentric position (AU)	+0.00083417	+0.00764406	+0.00404294	
C/2007 L2	2007 06 05.90422	04 51 44.9	+20 43 03	3 249
Geocentric position (AU)	+0.00083180	+0.00764460	+0.00404309	
C/2007 L2	2007 06 05.91255	04 51 49.4	+20 44 13	2 249
Geocentric position (AU)	+0.00082940	+0.00764514	+0.00404323	
C/2007 L2	2007 06 05.92089	04 51 49.4	+20 45 41	2 249
Geocentric position (AU)	+0.00082702	+0.00764568	+0.00404338	

C/2007 L2	2007 06 05.93755	04 51 49.4	+20 48 43	2 249
Geocentric position (AU)	+0.00082225	+0.00764675	+0.00404366	
C/2007 L2	2007 06 05.96255	04 51 48.3	+20 53 08	2 249
Geocentric position (AU)	+0.00081509	+0.00764836	+0.00404410	
C/2007 L2	2007 06 05.97922	04 51 48.9	+20 56 20	2 249
Geocentric position (AU)	+0.00081032	+0.00764943	+0.00404438	
C/2007 L2	2007 06 05.99589	04 51 48.6	+20 59 18	2 249
Geocentric position (AU)	+0.00080553	+0.00765051	+0.00404467	
C/2007 L2	2007 06 06.00422	04 51 49.4	+21 01 00	2 249
Geocentric position (AU)	+0.00080317	+0.00765104	+0.00404481	
C/2007 L2	2007 06 06.02089	04 51 48.7	+21 04 04	2 249
Geocentric position (AU)	+0.00079840	+0.00765210	+0.00404509	
C/2007 L2	2007 06 06.03755	04 51 48.2	+21 07 37	2 249
Geocentric position (AU)	+0.00079363	+0.00765317	+0.00404538	
C/2007 L2	2007 06 06.04588	04 51 50.0	+21 08 56	2 249
Geocentric position (AU)	+0.00079124	+0.00765370	+0.00404552	
C/2007 L2	2007 06 06.06255	04 51 49.3	+21 12 34	2 249
Geocentric position (AU)	+0.00078647	+0.00765476	+0.00404580	
C/2007 L2	2007 06 06.07924	04 51 49.2	+21 15 55	2 249
Geocentric position (AU)	+0.00078169	+0.00765583	+0.00404608	
C/2007 L2	2007 06 06.08755	04 51 49.7	+21 17 56	2 249
Geocentric position (AU)	+0.00077931	+0.00765636	+0.00404622	
C/2007 L2	2007 06 06.10422	04 51 50.7	+21 21 25	2 249
Geocentric position (AU)	+0.00077454	+0.00765742	+0.00404650	
C/2007 L2	2007 06 06.12089	04 51 51.4	+21 25 00	2 249
Geocentric position (AU)	+0.00076977	+0.00765848	+0.00404678	
C/2007 L2	2007 06 06.12922	04 51 51.1	+21 26 48	2 249
Geocentric position (AU)	+0.00076738	+0.00765901	+0.00404692	
C/2007 L2	2007 06 06.14589	04 51 53.5	+21 30 45	2 249
Geocentric position (AU)	+0.00076261	+0.00766006	+0.00404719	
C/2007 L2	2007 06 06.16255	04 51 54.1	+21 34 36	2 249
Geocentric position (AU)	+0.00075784	+0.00766112	+0.00404747	
C/2007 L2	2007 06 06.17091	04 51 55.0	+21 36 39	2 249
Geocentric position (AU)	+0.00075545	+0.00766165	+0.00404761	
C/2007 L2	2007 06 06.18783	04 51 56.9	+21 40 51	2 249
Geocentric position (AU)	+0.00075060	+0.00766272	+0.00404789	
C/2007 L2	2007 06 06.20422	04 51 59.2	+21 45 06	2 249
Geocentric position (AU)	+0.00074591	+0.00766375	+0.00404816	
C/2007 L2	2007 06 06.21255	04 51 59.8	+21 47 08	2 249
Geocentric position (AU)	+0.00074352	+0.00766428	+0.00404829	

C/2007 L3 (SOHO)

C/2007 L3	2007 06 06.38755	04 56 20.0	+18 10 26	3 249
Geocentric position (AU)	+0.00069341	+0.00767523	+0.00405111	
C/2007 L3	2007 06 06.40422	04 56 19.5	+18 12 28	3 249
Geocentric position (AU)	+0.00068863	+0.00767626	+0.00405137	
C/2007 L3	2007 06 06.43053	04 56 23.1	+18 14 46	3 249
Geocentric position (AU)	+0.00068110	+0.00767789	+0.00405178	
C/2007 L3	2007 06 06.44589	04 56 21.6	+18 16 17	3 249
Geocentric position (AU)	+0.00067670	+0.00767884	+0.00405202	
C/2007 L3	2007 06 06.47089	04 56 20.2	+18 18 22	3 249
Geocentric position (AU)	+0.00066954	+0.00768039	+0.00405241	

C/2007 L3	2007 06 06.48755	04 56 22.4	+18 20 42	3 249
Geocentric position (AU)	+0.00066476	+0.00768141	+0.00405267	
C/2007 L3	2007 06 06.51255	04 56 22.9	+18 23 08	3 249
Geocentric position (AU)	+0.00065760	+0.00768295	+0.00405305	
C/2007 L3	2007 06 06.52922	04 56 24.4	+18 24 58	3 249
Geocentric position (AU)	+0.00065282	+0.00768398	+0.00405331	
C/2007 L3	2007 06 06.57089	04 56 25.2	+18 29 06	3 249
Geocentric position (AU)	+0.00064089	+0.00768653	+0.00405394	
C/2007 L3	2007 06 06.59589	04 56 25.2	+18 31 21	3 249
Geocentric position (AU)	+0.00063372	+0.00768806	+0.00405432	
C/2007 L3	2007 06 06.63792	04 56 26.5	+18 35 40	3 249
Geocentric position (AU)	+0.00062168	+0.00769062	+0.00405495	
C/2007 L3	2007 06 06.65422	04 56 27.8	+18 37 35	3 249
Geocentric position (AU)	+0.00061701	+0.00769161	+0.00405520	
C/2007 L3	2007 06 06.67922	04 56 29.3	+18 40 15	3 249
Geocentric position (AU)	+0.00060984	+0.00769313	+0.00405557	
C/2007 L3	2007 06 06.69589	04 56 28.8	+18 42 03	3 249
Geocentric position (AU)	+0.00060506	+0.00769414	+0.00405581	
C/2007 L3	2007 06 06.72089	04 56 30.1	+18 44 15	3 249
Geocentric position (AU)	+0.00059790	+0.00769565	+0.00405618	
C/2007 L3	2007 06 06.73755	04 56 28.9	+18 46 14	3 249
Geocentric position (AU)	+0.00059312	+0.00769666	+0.00405643	
C/2007 L3	2007 06 06.76255	04 56 30.9	+18 49 08	3 249
Geocentric position (AU)	+0.00058596	+0.00769817	+0.00405679	
C/2007 L3	2007 06 06.77922	04 56 29.7	+18 50 31	3 249
Geocentric position (AU)	+0.00058118	+0.00769917	+0.00405703	
C/2007 L3	2007 06 06.82088	04 56 31.2	+18 54 53	3 249
Geocentric position (AU)	+0.00056924	+0.00770167	+0.00405763	
C/2007 L3	2007 06 06.84589	04 56 34.0	+18 57 53	3 249
Geocentric position (AU)	+0.00056207	+0.00770317	+0.00405799	
C/2007 L3	2007 06 06.86255	04 56 32.2	+19 00 09	3 249
Geocentric position (AU)	+0.00055729	+0.00770416	+0.00405823	
C/2007 L3	2007 06 06.88780	04 56 34.5	+19 02 53	3 249
Geocentric position (AU)	+0.00055005	+0.00770567	+0.00405858	
C/2007 L3	2007 06 06.90422	04 56 35.6	+19 04 28	3 249
Geocentric position (AU)	+0.00054534	+0.00770664	+0.00405881	
C/2007 L3	2007 06 06.92924	04 56 34.4	+19 07 07	3 249
Geocentric position (AU)	+0.00053817	+0.00770813	+0.00405916	
C/2007 L3	2007 06 06.97124	04 56 36.7	+19 11 47	3 249
Geocentric position (AU)	+0.00052613	+0.00771062	+0.00405975	
C/2007 L3	2007 06 06.98755	04 56 37.2	+19 13 33	3 249
Geocentric position (AU)	+0.00052145	+0.00771158	+0.00405997	
C/2007 L3	2007 06 07.01255	04 56 38.3	+19 16 51	3 249
Geocentric position (AU)	+0.00051428	+0.00771306	+0.00406032	
C/2007 L3	2007 06 07.02922	04 56 37.9	+19 19 09	3 249
Geocentric position (AU)	+0.00050950	+0.00771404	+0.00406054	
C/2007 L3	2007 06 07.07089	04 56 40.0	+19 23 49	3 249
Geocentric position (AU)	+0.00049756	+0.00771648	+0.00406111	
C/2007 L3	2007 06 07.09589	04 56 41.1	+19 26 25	3 249
Geocentric position (AU)	+0.00049039	+0.00771795	+0.00406144	
C/2007 L3	2007 06 07.11255	04 56 39.7	+19 28 43	3 249
Geocentric position (AU)	+0.00048561	+0.00771892	+0.00406167	

C/2007 L3	2007 06 07.13755	04 56 43.5	+19 31 45	3 249
Geocentric position (AU)	+0.00047844	+0.00772038	+0.00406200	
C/2007 L3	2007 06 07.15422	04 56 43.1	+19 33 30	3 249
Geocentric position (AU)	+0.00047366	+0.00772135	+0.00406222	
C/2007 L3	2007 06 07.17922	04 56 45.3	+19 36 48	3 249
Geocentric position (AU)	+0.00046649	+0.00772280	+0.00406255	
C/2007 L3	2007 06 07.19589	04 56 46.4	+19 39 12	3 249
Geocentric position (AU)	+0.00046171	+0.00772377	+0.00406277	
C/2007 L3	2007 06 07.22088	04 56 44.6	+19 41 59	3 249
Geocentric position (AU)	+0.00045453	+0.00772522	+0.00406309	
C/2007 L3	2007 06 07.23755	04 56 46.7	+19 44 28	3 249
Geocentric position (AU)	+0.00044976	+0.00772618	+0.00406331	
C/2007 L3	2007 06 07.26255	04 56 47.3	+19 47 23	3 249
Geocentric position (AU)	+0.00044258	+0.00772762	+0.00406363	
C/2007 L3	2007 06 07.27922	04 56 47.8	+19 49 42	3 249
Geocentric position (AU)	+0.00043780	+0.00772858	+0.00406384	
C/2007 L3	2007 06 07.32089	04 56 50.6	+19 55 22	3 249
Geocentric position (AU)	+0.00042585	+0.00773097	+0.00406437	
C/2007 L3	2007 06 07.34590	04 56 49.5	+19 59 00	3 249
Geocentric position (AU)	+0.00041867	+0.00773240	+0.00406469	
C/2007 L3	2007 06 07.36255	04 56 51.9	+20 00 51	3 249
Geocentric position (AU)	+0.00041390	+0.00773335	+0.00406490	
C/2007 L3	2007 06 07.38756	04 56 51.6	+20 04 08	3 249
Geocentric position (AU)	+0.00040672	+0.00773478	+0.00406521	
C/2007 L3	2007 06 07.40422	04 56 55.0	+20 06 24	3 249
Geocentric position (AU)	+0.00040194	+0.00773573	+0.00406541	
C/2007 L3	2007 06 07.43052	04 56 54.9	+20 10 01	3 249
Geocentric position (AU)	+0.00039440	+0.00773722	+0.00406574	
C/2007 L3	2007 06 07.44588	04 56 57.0	+20 12 22	3 249
Geocentric position (AU)	+0.00038999	+0.00773809	+0.00406592	
C/2007 L3	2007 06 07.47088	04 56 57.3	+20 16 14	3 249
Geocentric position (AU)	+0.00038281	+0.00773950	+0.00406623	
C/2007 L3	2007 06 07.48755	04 56 56.2	+20 18 38	3 249
Geocentric position (AU)	+0.00037803	+0.00774045	+0.00406643	
C/2007 L3	2007 06 07.51255	04 56 57.8	+20 21 54	3 249
Geocentric position (AU)	+0.00037086	+0.00774185	+0.00406673	
C/2007 L3	2007 06 07.52922	04 56 59.5	+20 24 08	3 249
Geocentric position (AU)	+0.00036608	+0.00774279	+0.00406693	
C/2007 L3	2007 06 07.57089	04 57 03.8	+20 30 32	3 249
Geocentric position (AU)	+0.00035412	+0.00774513	+0.00406742	
C/2007 L3	2007 06 07.59589	04 57 03.4	+20 34 42	3 249
Geocentric position (AU)	+0.00034694	+0.00774652	+0.00406772	
C/2007 L3	2007 06 07.61256	04 57 04.5	+20 37 00	3 249
Geocentric position (AU)	+0.00034216	+0.00774745	+0.00406791	
C/2007 L3	2007 06 07.63755	04 57 05.8	+20 40 45	3 249
Geocentric position (AU)	+0.00033498	+0.00774885	+0.00406820	
C/2007 L3	2007 06 07.65423	04 57 05.9	+20 44 09	3 249
Geocentric position (AU)	+0.00033020	+0.00774977	+0.00406839	
C/2007 L3	2007 06 07.66255	04 57 09.4	+20 45 34	2 249
Geocentric position (AU)	+0.00032780	+0.00775024	+0.00406849	
C/2007 L3	2007 06 07.67088	04 57 09.5	+20 46 44	2 249
Geocentric position (AU)	+0.00032541	+0.00775070	+0.00406858	

C/2007 L3	2007 06 07.68755	04 57 12.7	+20 49 41	2 249
Geocentric position (AU)	+0.00032062	+0.00775162	+0.00406877	
C/2007 L3	2007 06 07.69589	04 57 08.7	+20 50 24	3 249
Geocentric position (AU)	+0.00031824	+0.00775208	+0.00406887	
C/2007 L3	2007 06 07.70423	04 57 13.4	+20 52 21	2 249
Geocentric position (AU)	+0.00031584	+0.00775254	+0.00406896	
C/2007 L3	2007 06 07.71255	04 57 14.5	+20 53 48	2 249
Geocentric position (AU)	+0.00031345	+0.00775300	+0.00406906	
C/2007 L3	2007 06 07.72115	04 57 12.9	+20 54 49	3 249
Geocentric position (AU)	+0.00031099	+0.00775348	+0.00406915	
C/2007 L3	2007 06 07.72922	04 57 15.6	+20 56 46	2 249
Geocentric position (AU)	+0.00030867	+0.00775392	+0.00406924	
C/2007 L3	2007 06 07.73755	04 57 14.7	+20 57 17	3 249
Geocentric position (AU)	+0.00030628	+0.00775438	+0.00406934	
C/2007 L3	2007 06 07.74589	04 57 17.0	+20 59 36	2 249
Geocentric position (AU)	+0.00030388	+0.00775484	+0.00406943	
C/2007 L3	2007 06 07.75450	04 57 17.9	+21 01 02	2 249
Geocentric position (AU)	+0.00030141	+0.00775531	+0.00406953	
C/2007 L3	2007 06 07.76255	04 57 14.4	+21 02 30	3 249
Geocentric position (AU)	+0.00029911	+0.00775575	+0.00406961	
C/2007 L3	2007 06 07.77088	04 57 19.6	+21 04 12	2 249
Geocentric position (AU)	+0.00029671	+0.00775621	+0.00406971	
C/2007 L3	2007 06 07.78755	04 57 21.6	+21 07 12	2 249
Geocentric position (AU)	+0.00029192	+0.00775713	+0.00406989	
C/2007 L3	2007 06 07.81370	04 57 24.3	+21 11 59	2 249
Geocentric position (AU)	+0.00028442	+0.00775856	+0.00407018	
C/2007 L3	2007 06 07.82090	04 57 22.1	+21 12 54	3 249
Geocentric position (AU)	+0.00028236	+0.00775895	+0.00407026	
C/2007 L3	2007 06 07.82922	04 57 26.4	+21 14 57	2 249
Geocentric position (AU)	+0.00027996	+0.00775941	+0.00407035	
C/2007 L3	2007 06 07.83755	04 57 27.7	+21 16 26	2 249
Geocentric position (AU)	+0.00027757	+0.00775986	+0.00407044	
C/2007 L3	2007 06 07.84589	04 57 26.2	+21 18 30	3 249
Geocentric position (AU)	+0.00027519	+0.00776031	+0.00407053	
C/2007 L3	2007 06 07.85422	04 57 29.5	+21 19 40	2 249
Geocentric position (AU)	+0.00027279	+0.00776077	+0.00407062	
C/2007 L3	2007 06 07.86255	04 57 32.3	+21 20 51	3 249
Geocentric position (AU)	+0.00027040	+0.00776122	+0.00407071	
C/2007 L3	2007 06 07.88060	04 57 33.4	+21 24 57	2 249
Geocentric position (AU)	+0.00026521	+0.00776220	+0.00407090	
C/2007 L3	2007 06 07.88770	04 57 30.4	+21 25 53	3 249
Geocentric position (AU)	+0.00026318	+0.00776259	+0.00407098	
C/2007 L3	2007 06 07.89588	04 57 36.0	+21 28 06	2 249
Geocentric position (AU)	+0.00026082	+0.00776303	+0.00407106	
C/2007 L3	2007 06 07.90422	04 57 30.3	+21 29 32	3 249
Geocentric position (AU)	+0.00025844	+0.00776348	+0.00407115	
C/2007 L3	2007 06 07.91255	04 57 38.8	+21 31 32	2 249
Geocentric position (AU)	+0.00025604	+0.00776394	+0.00407124	
C/2007 L3	2007 06 07.92089	04 57 39.5	+21 33 00	2 249
Geocentric position (AU)	+0.00025364	+0.00776439	+0.00407133	
C/2007 L3	2007 06 07.93782	04 57 43.4	+21 36 50	2 249
Geocentric position (AU)	+0.00024878	+0.00776530	+0.00407151	

C/2007 L3	2007 06 07.96255	04 57 48.2	+21 42 19	2 249
Geocentric position (AU)	+0.00024168	+0.00776664	+0.00407177	
C/2007 L3	2007 06 07.97924	04 57 52.0	+21 46 06	2 249
Geocentric position (AU)	+0.00023689	+0.00776753	+0.00407194	
C/2007 L3	2007 06 07.99588	04 57 56.5	+21 49 51	2 249
Geocentric position (AU)	+0.00023209	+0.00776843	+0.00407211	
C/2007 L3	2007 06 08.00422	04 57 59.0	+21 51 47	2 249
Geocentric position (AU)	+0.00022972	+0.00776887	+0.00407220	
C/2007 L3	2007 06 08.02089	04 58 03.1	+21 55 49	2 249
Geocentric position (AU)	+0.00022493	+0.00776977	+0.00407237	
C/2007 L3	2007 06 08.03755	04 58 08.9	+22 00 04	2 249
Geocentric position (AU)	+0.00022015	+0.00777066	+0.00407254	
C/2007 L3	2007 06 08.06370	04 58 18.7	+22 06 43	2 249
Geocentric position (AU)	+0.00021264	+0.00777205	+0.00407280	
C/2007 L3	2007 06 08.07922	04 58 25.9	+22 10 57	2 249
Geocentric position (AU)	+0.00020818	+0.00777288	+0.00407296	
C/2007 L3	2007 06 08.08755	04 58 29.8	+22 13 12	2 249
Geocentric position (AU)	+0.00020579	+0.00777332	+0.00407304	
C/2007 L3	2007 06 08.10422	04 58 38.9	+22 17 57	2 249
Geocentric position (AU)	+0.00020101	+0.00777421	+0.00407321	
C/2007 L3	2007 06 08.12088	04 58 49.8	+22 23 02	2 249
Geocentric position (AU)	+0.00019622	+0.00777509	+0.00407337	
C/2007 L3	2007 06 08.12922	04 58 55.5	+22 25 29	2 249
Geocentric position (AU)	+0.00019383	+0.00777554	+0.00407345	
C/2007 L3	2007 06 08.14589	04 59 10.2	+22 30 57	2 249
Geocentric position (AU)	+0.00018904	+0.00777642	+0.00407362	
C/2007 L3	2007 06 08.16255	04 59 27.0	+22 36 11	2 249
Geocentric position (AU)	+0.00018426	+0.00777730	+0.00407378	
C/2007 L3	2007 06 08.17089	04 59 37.9	+22 39 13	2 249
Geocentric position (AU)	+0.00018186	+0.00777774	+0.00407386	

C/2007 L4 (SOHO)

C/2007 L4	2007 06 07.70423	04 59 01.7	+20 53 13	2 249
Geocentric position (AU)	+0.00031584	+0.00775254	+0.00406896	
C/2007 L4	2007 06 07.71255	04 59 02.2	+20 54 42	2 249
Geocentric position (AU)	+0.00031345	+0.00775300	+0.00406906	
C/2007 L4	2007 06 07.72922	04 59 02.0	+20 57 54	2 249
Geocentric position (AU)	+0.00030867	+0.00775392	+0.00406924	
C/2007 L4	2007 06 07.74589	04 59 02.3	+21 01 12	2 249
Geocentric position (AU)	+0.00030388	+0.00775484	+0.00406943	
C/2007 L4	2007 06 07.75450	04 59 02.0	+21 02 52	2 249
Geocentric position (AU)	+0.00030141	+0.00775531	+0.00406953	
C/2007 L4	2007 06 07.77088	04 59 02.7	+21 06 02	2 249
Geocentric position (AU)	+0.00029671	+0.00775621	+0.00406971	
C/2007 L4	2007 06 07.78755	04 59 02.7	+21 09 14	2 249
Geocentric position (AU)	+0.00029192	+0.00775713	+0.00406989	
C/2007 L4	2007 06 07.81370	04 59 03.9	+21 14 55	2 249
Geocentric position (AU)	+0.00028442	+0.00775856	+0.00407018	
C/2007 L4	2007 06 07.82922	04 59 04.7	+21 18 04	2 249
Geocentric position (AU)	+0.00027996	+0.00775941	+0.00407035	
C/2007 L4	2007 06 07.83755	04 59 05.1	+21 19 50	2 249
Geocentric position (AU)	+0.00027757	+0.00775986	+0.00407044	

C/2007 L4 2007 06 07.85422 04 59 06.0 +21 23 26 2 249
 Geocentric position (AU) +0.00027279 +0.00776077 +0.00407062
 C/2007 L4 2007 06 07.88060 04 59 06.9 +21 29 30 2 249
 Geocentric position (AU) +0.00026521 +0.00776220 +0.00407090
 C/2007 L4 2007 06 07.89588 04 59 08.2 +21 32 48 2 249
 Geocentric position (AU) +0.00026082 +0.00776303 +0.00407106

C/2007 L5 (SOHO)

C/2007 L5 2007 06 09.37089 05 03 40.4 +20 56 18 2 249
 Geocentric position (AU) -0.00016286 +0.00783698 +0.00408291
 C/2007 L5 2007 06 09.37922 05 03 39.3 +20 59 46 2 249
 Geocentric position (AU) -0.00016526 +0.00783736 +0.00408296
 C/2007 L5 2007 06 09.39589 05 03 41.4 +21 02 06 2 249
 Geocentric position (AU) -0.00017004 +0.00783813 +0.00408305
 C/2007 L5 2007 06 09.41255 05 03 43.1 +21 04 43 2 249
 Geocentric position (AU) -0.00017483 +0.00783889 +0.00408313
 C/2007 L5 2007 06 09.42089 05 03 43.5 +21 06 19 2 249
 Geocentric position (AU) -0.00017722 +0.00783927 +0.00408318
 C/2007 L5 2007 06 09.43773 05 03 46.8 +21 10 40 2 249
 Geocentric position (AU) -0.00018206 +0.00784004 +0.00408326
 C/2007 L5 2007 06 09.45422 05 03 48.4 +21 12 38 2 249
 Geocentric position (AU) -0.00018680 +0.00784079 +0.00408335
 C/2007 L5 2007 06 09.46257 05 03 50.8 +21 15 00 2 249
 Geocentric position (AU) -0.00018920 +0.00784117 +0.00408339
 C/2007 L5 2007 06 09.52088 05 04 00.4 +21 25 02 2 249
 Geocentric position (AU) -0.00020596 +0.00784381 +0.00408368
 C/2007 L5 2007 06 09.53755 05 04 03.0 +21 28 23 2 249
 Geocentric position (AU) -0.00021074 +0.00784456 +0.00408376
 C/2007 L5 2007 06 09.56375 05 04 07.6 +21 33 29 2 249
 Geocentric position (AU) -0.00021827 +0.00784574 +0.00408388

C/2007 L6 (SOHO)

C/2007 L6 2007 06 10.62089 05 08 26.3 +21 05 35 2 249
 Geocentric position (AU) -0.00052186 +0.00788982 +0.00408674
 C/2007 L6 2007 06 10.64588 05 08 30.2 +21 10 02 2 249
 Geocentric position (AU) -0.00052903 +0.00789078 +0.00408676
 C/2007 L6 2007 06 10.66255 05 08 33.0 +21 12 41 2 249
 Geocentric position (AU) -0.00053382 +0.00789142 +0.00408677
 C/2007 L6 2007 06 10.67089 05 08 34.2 +21 14 07 2 249
 Geocentric position (AU) -0.00053621 +0.00789174 +0.00408677
 C/2007 L6 2007 06 10.68755 05 08 37.3 +21 17 20 2 249
 Geocentric position (AU) -0.00054099 +0.00789237 +0.00408678
 C/2007 L6 2007 06 10.70422 05 08 40.1 +21 20 16 2 249
 Geocentric position (AU) -0.00054577 +0.00789301 +0.00408679
 C/2007 L6 2007 06 10.71255 05 08 41.4 +21 21 43 2 249
 Geocentric position (AU) -0.00054816 +0.00789333 +0.00408679
 C/2007 L6 2007 06 10.72922 05 08 44.2 +21 24 30 2 249
 Geocentric position (AU) -0.00055295 +0.00789396 +0.00408680
 C/2007 L6 2007 06 10.74588 05 08 47.1 +21 27 47 2 249
 Geocentric position (AU) -0.00055773 +0.00789459 +0.00408680
 C/2007 L6 2007 06 10.75422 05 08 48.5 +21 29 27 2 249
 Geocentric position (AU) -0.00056012 +0.00789490 +0.00408681
 C/2007 L6 2007 06 10.77089 05 08 51.9 +21 32 36 2 249
 Geocentric position (AU) -0.00056490 +0.00789553 +0.00408681

C/2007 L6 2007 06 10.78755 05 08 55.4 +21 35 46 2 249
 Geocentric position (AU) -0.00056968 +0.00789615 +0.00408681
 C/2007 L6 2007 06 10.81370 05 09 00.6 +21 40 59 2 249
 Geocentric position (AU) -0.00057718 +0.00789713 +0.00408681
 C/2007 L6 2007 06 10.82922 05 09 05.2 +21 44 12 2 249
 Geocentric position (AU) -0.00058164 +0.00789771 +0.00408681
 C/2007 L6 2007 06 10.83756 05 09 07.1 +21 45 36 2 249
 Geocentric position (AU) -0.00058403 +0.00789802 +0.00408681
 C/2007 L6 2007 06 10.85424 05 09 10.1 +21 49 25 2 249
 Geocentric position (AU) -0.00058881 +0.00789864 +0.00408681

C/2007 L7 (SOHO)

C/2007 L7 2007 06 10.66255 05 09 41.0 +21 05 51 2 249
 Geocentric position (AU) -0.00053382 +0.00789142 +0.00408677
 C/2007 L7 2007 06 10.67089 05 09 42.9 +21 07 23 2 249
 Geocentric position (AU) -0.00053621 +0.00789174 +0.00408677
 C/2007 L7 2007 06 10.68755 05 09 45.7 +21 10 10 2 249
 Geocentric position (AU) -0.00054099 +0.00789237 +0.00408678
 C/2007 L7 2007 06 10.70422 05 09 47.2 +21 13 21 2 249
 Geocentric position (AU) -0.00054577 +0.00789301 +0.00408679
 C/2007 L7 2007 06 10.71255 05 09 47.4 +21 15 01 2 249
 Geocentric position (AU) -0.00054816 +0.00789333 +0.00408679
 C/2007 L7 2007 06 10.72922 05 09 49.8 +21 18 08 2 249
 Geocentric position (AU) -0.00055295 +0.00789396 +0.00408680
 C/2007 L7 2007 06 10.74588 05 09 52.3 +21 20 56 2 249
 Geocentric position (AU) -0.00055773 +0.00789459 +0.00408680
 C/2007 L7 2007 06 10.75422 05 09 52.4 +21 22 44 2 249
 Geocentric position (AU) -0.00056012 +0.00789490 +0.00408681
 C/2007 L7 2007 06 10.77089 05 09 54.8 +21 26 03 2 249
 Geocentric position (AU) -0.00056490 +0.00789553 +0.00408681
 C/2007 L7 2007 06 10.78755 05 09 57.8 +21 29 09 2 249
 Geocentric position (AU) -0.00056968 +0.00789615 +0.00408681
 C/2007 L7 2007 06 10.81370 05 10 00.5 +21 33 44 2 249
 Geocentric position (AU) -0.00057718 +0.00789713 +0.00408681

C/2007 L8 (SOHO)

C/2007 L8 2007 06 10.68755 05 08 42.9 +21 02 38 2 249
 Geocentric position (AU) -0.00054099 +0.00789237 +0.00408678
 C/2007 L8 2007 06 10.70422 05 08 44.7 +21 05 37 2 249
 Geocentric position (AU) -0.00054577 +0.00789301 +0.00408679
 C/2007 L8 2007 06 10.71255 05 08 45.8 +21 06 57 2 249
 Geocentric position (AU) -0.00054816 +0.00789333 +0.00408679
 C/2007 L8 2007 06 10.72922 05 08 48.9 +21 09 45 2 249
 Geocentric position (AU) -0.00055295 +0.00789396 +0.00408680
 C/2007 L8 2007 06 10.74588 05 08 52.1 +21 12 36 2 249
 Geocentric position (AU) -0.00055773 +0.00789459 +0.00408680
 C/2007 L8 2007 06 10.75422 05 08 53.0 +21 14 12 2 249
 Geocentric position (AU) -0.00056012 +0.00789490 +0.00408681
 C/2007 L8 2007 06 10.77089 05 08 55.2 +21 17 17 2 249
 Geocentric position (AU) -0.00056490 +0.00789553 +0.00408681
 C/2007 L8 2007 06 10.78755 05 08 58.6 +21 20 05 2 249
 Geocentric position (AU) -0.00056968 +0.00789615 +0.00408681
 C/2007 L8 2007 06 10.81370 05 09 03.3 +21 24 52 2 249
 Geocentric position (AU) -0.00057718 +0.00789713 +0.00408681

C/2007 L8	2007 06	10.82922	05 09 06.3	+21 27 47	2 249
Geocentric position (AU)		-0.00058164	+0.00789771	+0.00408681	
C/2007 L8	2007 06	10.83756	05 09 07.8	+21 29 17	2 249
Geocentric position (AU)		-0.00058403	+0.00789802	+0.00408681	
C/2007 L8	2007 06	10.85424	05 09 10.9	+21 32 30	2 249
Geocentric position (AU)		-0.00058881	+0.00789864	+0.00408681	
C/2007 L8	2007 06	10.89592	05 09 20.5	+21 40 42	2 249
Geocentric position (AU)		-0.00060077	+0.00790018	+0.00408680	
C/2007 L8	2007 06	10.91255	05 09 24.0	+21 44 00	2 249
Geocentric position (AU)		-0.00060554	+0.00790079	+0.00408679	
C/2007 L8	2007 06	10.92118	05 09 26.4	+21 45 43	2 249
Geocentric position (AU)		-0.00060801	+0.00790111	+0.00408679	
C/2007 L8	2007 06	10.93756	05 09 30.8	+21 49 08	2 249
Geocentric position (AU)		-0.00061271	+0.00790171	+0.00408678	
C/2007 L8	2007 06	10.96310	05 09 37.3	+21 54 39	2 249
Geocentric position (AU)		-0.00062004	+0.00790264	+0.00408677	
C/2007 L8	2007 06	10.97922	05 09 42.3	+21 58 13	2 249
Geocentric position (AU)		-0.00062466	+0.00790323	+0.00408676	
C/2007 L8	2007 06	10.99590	05 09 47.9	+22 02 01	2 249
Geocentric position (AU)		-0.00062947	+0.00790383	+0.00408674	

C/2007 L9 (SOHO)

C/2007 L9	2007 06	10.99590	05 09 57.9	+21 01 54	2 249
Geocentric position (AU)		-0.00062947	+0.00790383	+0.00408674	
C/2007 L9	2007 06	11.00448	05 09 56.7	+21 03 36	2 249
Geocentric position (AU)		-0.00063190	+0.00790414	+0.00408674	
C/2007 L9	2007 06	11.02089	05 09 59.6	+21 06 28	2 249
Geocentric position (AU)		-0.00063661	+0.00790473	+0.00408673	
C/2007 L9	2007 06	11.03755	05 10 01.3	+21 09 21	2 249
Geocentric position (AU)		-0.00064139	+0.00790533	+0.00408671	
C/2007 L9	2007 06	11.06367	05 10 06.6	+21 14 01	2 249
Geocentric position (AU)		-0.00064888	+0.00790627	+0.00408669	
C/2007 L9	2007 06	11.07922	05 10 08.8	+21 16 17	2 249
Geocentric position (AU)		-0.00065333	+0.00790683	+0.00408667	
C/2007 L9	2007 06	11.08755	05 10 09.5	+21 17 53	2 249
Geocentric position (AU)		-0.00065572	+0.00790712	+0.00408666	
C/2007 L9	2007 06	11.10422	05 10 13.0	+21 20 59	2 249
Geocentric position (AU)		-0.00066050	+0.00790772	+0.00408664	
C/2007 L9	2007 06	11.12089	05 10 15.9	+21 23 59	2 249
Geocentric position (AU)		-0.00066528	+0.00790831	+0.00408662	
C/2007 L9	2007 06	11.12922	05 10 17.8	+21 25 23	2 249
Geocentric position (AU)		-0.00066767	+0.00790860	+0.00408661	
C/2007 L9	2007 06	11.14589	05 10 19.8	+21 28 50	2 249
Geocentric position (AU)		-0.00067245	+0.00790919	+0.00408659	
C/2007 L9	2007 06	11.16255	05 10 24.0	+21 31 49	2 249
Geocentric position (AU)		-0.00067722	+0.00790978	+0.00408657	
C/2007 L9	2007 06	11.17089	05 10 25.6	+21 33 17	2 249
Geocentric position (AU)		-0.00067961	+0.00791007	+0.00408656	
C/2007 L9	2007 06	11.18755	05 10 29.0	+21 36 44	2 249
Geocentric position (AU)		-0.00068439	+0.00791065	+0.00408654	
C/2007 L9	2007 06	11.20422	05 10 33.1	+21 39 54	2 249
Geocentric position (AU)		-0.00068917	+0.00791124	+0.00408651	

C/2007 L9	2007 06	11.21255	05 10 34.9	+21 41 27	2 249
Geocentric position (AU)		-0.00069156	+0.00791153	+0.00408650	
C/2007 L9	2007 06	11.22922	05 10 39.2	+21 44 47	2 249
Geocentric position (AU)		-0.00069633	+0.00791211	+0.00408647	
C/2007 L9	2007 06	11.24589	05 10 43.5	+21 48 18	2 249
Geocentric position (AU)		-0.00070111	+0.00791268	+0.00408645	
C/2007 L9	2007 06	11.25422	05 10 45.6	+21 49 54	2 249
Geocentric position (AU)		-0.00070350	+0.00791297	+0.00408643	
C/2007 L9	2007 06	11.27089	05 10 50.1	+21 53 31	2 249
Geocentric position (AU)		-0.00070827	+0.00791355	+0.00408640	
C/2007 L9	2007 06	11.28755	05 10 54.9	+21 57 11	2 249
Geocentric position (AU)		-0.00071305	+0.00791412	+0.00408637	

C/2007 L10 (SOHO)

C/2007 L10	2007 06	13.32089	05 20 51.7	+20 12 26	3 249
Geocentric position (AU)		-0.00129334	+0.00797041	+0.00407437	
C/2007 L10	2007 06	13.34590	05 20 56.1	+20 16 11	3 249
Geocentric position (AU)		-0.00130043	+0.00797094	+0.00407412	
C/2007 L10	2007 06	13.36256	05 21 00.3	+20 19 09	3 249
Geocentric position (AU)		-0.00130516	+0.00797128	+0.00407395	
C/2007 L10	2007 06	13.38755	05 21 01.9	+20 23 05	3 249
Geocentric position (AU)		-0.00131224	+0.00797180	+0.00407370	
C/2007 L10	2007 06	13.43054	05 21 06.7	+20 28 25	3 249
Geocentric position (AU)		-0.00132443	+0.00797269	+0.00407326	
C/2007 L10	2007 06	13.44588	05 21 06.3	+20 31 29	3 249
Geocentric position (AU)		-0.00132878	+0.00797300	+0.00407310	
C/2007 L10	2007 06	13.47090	05 21 09.8	+20 34 08	3 249
Geocentric position (AU)		-0.00133587	+0.00797351	+0.00407284	
C/2007 L10	2007 06	13.48755	05 21 12.9	+20 36 37	3 249
Geocentric position (AU)		-0.00134059	+0.00797384	+0.00407267	
C/2007 L10	2007 06	13.51255	05 21 11.4	+20 41 01	3 249
Geocentric position (AU)		-0.00134767	+0.00797434	+0.00407240	
C/2007 L10	2007 06	13.52923	05 21 15.0	+20 44 44	3 249
Geocentric position (AU)		-0.00135240	+0.00797467	+0.00407222	
C/2007 L10	2007 06	13.57089	05 21 25.0	+20 49 58	3 249
Geocentric position (AU)		-0.00136419	+0.00797549	+0.00407178	
C/2007 L10	2007 06	13.63768	05 21 31.1	+21 01 16	3 249
Geocentric position (AU)		-0.00138310	+0.00797678	+0.00407104	
C/2007 L10	2007 06	13.65422	05 21 28.9	+21 02 46	3 249
Geocentric position (AU)		-0.00138778	+0.00797709	+0.00407086	
C/2007 L10	2007 06	13.69589	05 21 38.9	+21 12 36	3 249
Geocentric position (AU)		-0.00139957	+0.00797787	+0.00407039	
C/2007 L10	2007 06	13.72089	05 21 42.1	+21 15 32	3 249
Geocentric position (AU)		-0.00140664	+0.00797834	+0.00407010	
C/2007 L10	2007 06	13.72922	05 21 47.2	+21 16 15	2 249
Geocentric position (AU)		-0.00140901	+0.00797849	+0.00407001	
C/2007 L10	2007 06	13.73755	05 21 45.1	+21 19 09	3 249
Geocentric position (AU)		-0.00141136	+0.00797864	+0.00406991	
C/2007 L10	2007 06	13.74619	05 21 50.6	+21 20 07	2 249
Geocentric position (AU)		-0.00141381	+0.00797880	+0.00406981	
C/2007 L10	2007 06	13.75422	05 21 53.9	+21 21 40	2 249
Geocentric position (AU)		-0.00141608	+0.00797895	+0.00406972	

C/2007 L10	2007 06	13.76256	05 21 50.8	+21 23 05	3 249
Geocentric position (AU)		-0.00141843	+0.00797910	+0.00406962	
C/2007 L10	2007 06	13.77089	05 21 54.5	+21 24 41	2 249
Geocentric position (AU)		-0.00142079	+0.00797925	+0.00406952	
C/2007 L10	2007 06	13.78755	05 21 57.4	+21 27 51	2 249
Geocentric position (AU)		-0.00142550	+0.00797956	+0.00406933	
C/2007 L10	2007 06	13.81371	05 22 08.6	+21 33 19	2 249
Geocentric position (AU)		-0.00143289	+0.00798003	+0.00406902	
C/2007 L10	2007 06	13.82923	05 22 09.3	+21 36 29	2 249
Geocentric position (AU)		-0.00143728	+0.00798030	+0.00406884	
C/2007 L10	2007 06	13.83755	05 22 12.2	+21 37 41	2 249
Geocentric position (AU)		-0.00143963	+0.00798045	+0.00406874	
C/2007 L10	2007 06	13.85422	05 22 15.4	+21 41 05	2 249
Geocentric position (AU)		-0.00144434	+0.00798074	+0.00406854	
C/2007 L10	2007 06	13.88059	05 22 21.3	+21 46 24	2 249
Geocentric position (AU)		-0.00145179	+0.00798121	+0.00406822	
C/2007 L10	2007 06	13.89589	05 22 23.7	+21 49 52	2 249
Geocentric position (AU)		-0.00145611	+0.00798147	+0.00406803	
C/2007 L10	2007 06	13.91255	05 22 27.6	+21 53 23	2 249
Geocentric position (AU)		-0.00146081	+0.00798176	+0.00406783	
C/2007 L10	2007 06	13.92089	05 22 30.7	+21 55 03	2 249
Geocentric position (AU)		-0.00146317	+0.00798190	+0.00406773	
C/2007 L10	2007 06	13.93755	05 22 34.3	+21 58 47	2 249
Geocentric position (AU)		-0.00146787	+0.00798219	+0.00406753	
C/2007 L10	2007 06	13.96255	05 22 41.9	+22 04 22	2 249
Geocentric position (AU)		-0.00147493	+0.00798261	+0.00406722	

C/2007 L11 (SOHO)

C/2007 L11	2007 06	14.82090	05 27 05.3	+20 17 56	3 249
Geocentric position (AU)		-0.00171617	+0.00799465	+0.00405510	
C/2007 L11	2007 06	14.86256	05 27 11.2	+20 24 54	3 249
Geocentric position (AU)		-0.00172783	+0.00799511	+0.00405444	
C/2007 L11	2007 06	14.88781	05 27 14.8	+20 28 07	3 249
Geocentric position (AU)		-0.00173489	+0.00799539	+0.00405403	
C/2007 L11	2007 06	14.90422	05 27 16.6	+20 29 57	3 249
Geocentric position (AU)		-0.00173948	+0.00799556	+0.00405377	
C/2007 L11	2007 06	14.92922	05 27 20.2	+20 33 55	3 249
Geocentric position (AU)		-0.00174647	+0.00799583	+0.00405337	
C/2007 L11	2007 06	14.97098	05 27 25.3	+20 39 17	3 249
Geocentric position (AU)		-0.00175813	+0.00799626	+0.00405269	
C/2007 L11	2007 06	14.98757	05 27 26.4	+20 41 12	3 249
Geocentric position (AU)		-0.00176277	+0.00799643	+0.00405241	
C/2007 L11	2007 06	15.01256	05 27 31.0	+20 45 05	3 249
Geocentric position (AU)		-0.00176975	+0.00799668	+0.00405200	
C/2007 L11	2007 06	15.02922	05 27 31.1	+20 47 17	3 249
Geocentric position (AU)		-0.00177440	+0.00799684	+0.00405172	
C/2007 L11	2007 06	15.07119	05 27 37.5	+20 52 54	3 249
Geocentric position (AU)		-0.00178612	+0.00799725	+0.00405102	
C/2007 L11	2007 06	15.09588	05 27 42.4	+20 57 20	3 249
Geocentric position (AU)		-0.00179300	+0.00799748	+0.00405061	
C/2007 L11	2007 06	15.11257	05 27 43.8	+20 59 15	3 249
Geocentric position (AU)		-0.00179766	+0.00799764	+0.00405033	

C/2007 L11	2007 06	15.13755	05 27 47.5	+21 03 10	3 249
Geocentric position (AU)		-0.00180462	+0.00799787	+0.00404990	
C/2007 L11	2007 06	15.15422	05 27 48.5	+21 05 34	3 249
Geocentric position (AU)		-0.00180927	+0.00799802	+0.00404962	
C/2007 L11	2007 06	15.17922	05 27 52.6	+21 09 36	3 249
Geocentric position (AU)		-0.00181624	+0.00799824	+0.00404919	
C/2007 L11	2007 06	15.19588	05 27 57.3	+21 12 36	3 249
Geocentric position (AU)		-0.00182088	+0.00799838	+0.00404890	
C/2007 L11	2007 06	15.22088	05 28 00.4	+21 16 28	3 249
Geocentric position (AU)		-0.00182784	+0.00799860	+0.00404847	
C/2007 L11	2007 06	15.23757	05 28 02.6	+21 19 25	3 249
Geocentric position (AU)		-0.00183249	+0.00799874	+0.00404818	
C/2007 L11	2007 06	15.26256	05 28 10.3	+21 23 25	3 249
Geocentric position (AU)		-0.00183945	+0.00799895	+0.00404774	
C/2007 L11	2007 06	15.27089	05 28 13.0	+21 24 22	2 249
Geocentric position (AU)		-0.00184178	+0.00799902	+0.00404760	
C/2007 L11	2007 06	15.27922	05 28 10.8	+21 26 15	3 249
Geocentric position (AU)		-0.00184409	+0.00799909	+0.00404745	
C/2007 L11	2007 06	15.28755	05 28 14.1	+21 27 29	2 249
Geocentric position (AU)		-0.00184642	+0.00799916	+0.00404730	
C/2007 L11	2007 06	15.31366	05 28 18.6	+21 31 55	2 249
Geocentric position (AU)		-0.00185368	+0.00799937	+0.00404684	
C/2007 L11	2007 06	15.32088	05 28 20.0	+21 33 49	3 249
Geocentric position (AU)		-0.00185568	+0.00799942	+0.00404671	
C/2007 L11	2007 06	15.32922	05 28 22.3	+21 34 35	2 249
Geocentric position (AU)		-0.00185801	+0.00799949	+0.00404657	
C/2007 L11	2007 06	15.33755	05 28 22.8	+21 35 56	2 249
Geocentric position (AU)		-0.00186033	+0.00799955	+0.00404642	
C/2007 L11	2007 06	15.34589	05 28 24.7	+21 37 28	3 249
Geocentric position (AU)		-0.00186264	+0.00799962	+0.00404627	
C/2007 L11	2007 06	15.35422	05 28 27.8	+21 39 13	2 249
Geocentric position (AU)		-0.00186496	+0.00799968	+0.00404612	
C/2007 L11	2007 06	15.36255	05 28 28.7	+21 40 39	3 249
Geocentric position (AU)		-0.00186727	+0.00799975	+0.00404597	
C/2007 L11	2007 06	15.37089	05 28 31.1	+21 42 22	2 249
Geocentric position (AU)		-0.00186960	+0.00799981	+0.00404582	
C/2007 L11	2007 06	15.37922	05 28 32.5	+21 43 56	2 249
Geocentric position (AU)		-0.00187191	+0.00799987	+0.00404567	
C/2007 L11	2007 06	15.38755	05 28 32.4	+21 45 36	3 249
Geocentric position (AU)		-0.00187422	+0.00799993	+0.00404552	
C/2007 L11	2007 06	15.39590	05 28 35.9	+21 46 54	2 249
Geocentric position (AU)		-0.00187655	+0.00800000	+0.00404537	
C/2007 L11	2007 06	15.40422	05 28 37.3	+21 48 27	3 249
Geocentric position (AU)		-0.00187885	+0.00800006	+0.00404522	
C/2007 L11	2007 06	15.41255	05 28 39.7	+21 50 10	2 249
Geocentric position (AU)		-0.00188118	+0.00800012	+0.00404507	
C/2007 L11	2007 06	15.42089	05 28 41.6	+21 51 49	2 249
Geocentric position (AU)		-0.00188349	+0.00800018	+0.00404492	
C/2007 L11	2007 06	15.43775	05 28 45.8	+21 55 10	2 249
Geocentric position (AU)		-0.00188817	+0.00800030	+0.00404461	
C/2007 L11	2007 06	15.45422	05 28 50.5	+21 58 29	2 249
Geocentric position (AU)		-0.00189275	+0.00800042	+0.00404431	

C/2007 L11	2007 06	15.46257	05 28 52.2	+22 00 17	2 249
Geocentric position (AU)		-0.00189507	+0.00800048	+0.00404416	
C/2007 L11	2007 06	15.47922	05 28 56.8	+22 03 43	2 249
Geocentric position (AU)		-0.00189969	+0.00800059	+0.00404386	
C/2007 L11	2007 06	15.49588	05 29 01.5	+22 07 16	2 249
Geocentric position (AU)		-0.00190432	+0.00800070	+0.00404355	
C/2007 L11	2007 06	15.50422	05 29 03.6	+22 08 56	2 249
Geocentric position (AU)		-0.00190663	+0.00800076	+0.00404340	
C/2007 L11	2007 06	15.52089	05 29 09.2	+22 12 23	2 249
Geocentric position (AU)		-0.00191126	+0.00800087	+0.00404309	
C/2007 L11	2007 06	15.53755	05 29 14.3	+22 16 32	2 249
Geocentric position (AU)		-0.00191588	+0.00800098	+0.00404278	

C/2007 L12 (SOHO)

C/2007 L12	2007 06	14.85422	05 25 47.0	+21 22 06	2 249
Geocentric position (AU)		-0.00172551	+0.00799502	+0.00405457	
C/2007 L12	2007 06	14.89592	05 25 59.9	+21 31 35	2 249
Geocentric position (AU)		-0.00173717	+0.00799548	+0.00405390	
C/2007 L12	2007 06	14.91256	05 26 03.8	+21 34 41	2 249
Geocentric position (AU)		-0.00174182	+0.00799565	+0.00405364	
C/2007 L12	2007 06	14.92089	05 26 07.5	+21 36 49	2 249
Geocentric position (AU)		-0.00174415	+0.00799574	+0.00405350	
C/2007 L12	2007 06	14.93756	05 26 12.0	+21 40 20	2 249
Geocentric position (AU)		-0.00174881	+0.00799591	+0.00405323	

C/2007 L13 (SOHO)

C/2007 L13	2007 06	15.13755	05 26 13.9	+19 57 37	3 249
Geocentric position (AU)		-0.00180462	+0.00799787	+0.00404990	
C/2007 L13	2007 06	15.15422	05 26 16.0	+19 59 17	3 249
Geocentric position (AU)		-0.00180927	+0.00799802	+0.00404962	
C/2007 L13	2007 06	15.17922	05 26 19.1	+20 02 03	3 249
Geocentric position (AU)		-0.00181624	+0.00799824	+0.00404919	
C/2007 L13	2007 06	15.19588	05 26 22.3	+20 04 50	3 249
Geocentric position (AU)		-0.00182088	+0.00799838	+0.00404890	
C/2007 L13	2007 06	15.22088	05 26 27.5	+20 07 08	3 249
Geocentric position (AU)		-0.00182784	+0.00799860	+0.00404847	
C/2007 L13	2007 06	15.23757	05 26 27.9	+20 09 27	3 249
Geocentric position (AU)		-0.00183249	+0.00799874	+0.00404818	
C/2007 L13	2007 06	15.26256	05 26 29.8	+20 12 00	3 249
Geocentric position (AU)		-0.00183945	+0.00799895	+0.00404774	
C/2007 L13	2007 06	15.27922	05 26 35.8	+20 14 52	3 249
Geocentric position (AU)		-0.00184409	+0.00799909	+0.00404745	
C/2007 L13	2007 06	15.32088	05 26 43.1	+20 20 21	3 249
Geocentric position (AU)		-0.00185568	+0.00799942	+0.00404671	
C/2007 L13	2007 06	15.34589	05 26 47.1	+20 23 27	3 249
Geocentric position (AU)		-0.00186264	+0.00799962	+0.00404627	
C/2007 L13	2007 06	15.36255	05 26 48.1	+20 25 22	3 249
Geocentric position (AU)		-0.00186727	+0.00799975	+0.00404597	
C/2007 L13	2007 06	15.38755	05 26 53.3	+20 28 45	3 249
Geocentric position (AU)		-0.00187422	+0.00799993	+0.00404552	
C/2007 L13	2007 06	15.40422	05 26 57.8	+20 31 08	3 249
Geocentric position (AU)		-0.00187885	+0.00800006	+0.00404522	
C/2007 L13	2007 06	15.43055	05 27 01.6	+20 34 28	3 249
Geocentric position (AU)		-0.00188617	+0.00800025	+0.00404475	

C/2007 L13	2007 06	15.44589	05 27 04.8	+20 36 36	3 249
Geocentric position (AU)		-0.00189043	+0.00800036	+0.00404447	
C/2007 L13	2007 06	15.47089	05 27 09.8	+20 39 43	3 249
Geocentric position (AU)		-0.00189737	+0.00800053	+0.00404401	
C/2007 L13	2007 06	15.48757	05 27 12.5	+20 42 34	3 249
Geocentric position (AU)		-0.00190200	+0.00800065	+0.00404370	
C/2007 L13	2007 06	15.51256	05 27 17.4	+20 45 54	3 249
Geocentric position (AU)		-0.00190894	+0.00800082	+0.00404324	
C/2007 L13	2007 06	15.52923	05 27 18.9	+20 48 26	3 249
Geocentric position (AU)		-0.00191356	+0.00800093	+0.00404293	
C/2007 L13	2007 06	15.57089	05 27 29.0	+20 54 26	3 249
Geocentric position (AU)		-0.00192512	+0.00800119	+0.00404216	
C/2007 L13	2007 06	15.59590	05 27 32.0	+20 58 09	3 249
Geocentric position (AU)		-0.00193205	+0.00800135	+0.00404169	
C/2007 L13	2007 06	15.61256	05 27 38.5	+21 00 36	3 249
Geocentric position (AU)		-0.00193667	+0.00800145	+0.00404138	
C/2007 L13	2007 06	15.65613	05 27 46.9	+21 07 12	3 249
Geocentric position (AU)		-0.00194874	+0.00800170	+0.00404055	
C/2007 L13	2007 06	15.67922	05 27 50.8	+21 10 52	3 249
Geocentric position (AU)		-0.00195514	+0.00800183	+0.00404011	
C/2007 L13	2007 06	15.69588	05 27 55.2	+21 13 17	3 249
Geocentric position (AU)		-0.00195975	+0.00800192	+0.00403979	
C/2007 L13	2007 06	15.72089	05 28 01.3	+21 17 25	3 249
Geocentric position (AU)		-0.00196667	+0.00800206	+0.00403931	
C/2007 L13	2007 06	15.73755	05 28 06.6	+21 20 29	3 249
Geocentric position (AU)		-0.00197128	+0.00800215	+0.00403899	
C/2007 L13	2007 06	15.76255	05 28 12.3	+21 23 53	3 249
Geocentric position (AU)		-0.00197820	+0.00800227	+0.00403850	
C/2007 L13	2007 06	15.77922	05 28 15.9	+21 27 00	3 249
Geocentric position (AU)		-0.00198281	+0.00800236	+0.00403818	
C/2007 L13	2007 06	15.81371	05 28 29.0	+21 32 54	2 249
Geocentric position (AU)		-0.00199235	+0.00800252	+0.00403750	
C/2007 L13	2007 06	15.82089	05 28 29.0	+21 34 18	3 249
Geocentric position (AU)		-0.00199433	+0.00800256	+0.00403736	
C/2007 L13	2007 06	15.82922	05 28 31.5	+21 35 58	2 249
Geocentric position (AU)		-0.00199664	+0.00800259	+0.00403720	
C/2007 L13	2007 06	15.83755	05 28 35.2	+21 37 27	2 249
Geocentric position (AU)		-0.00199894	+0.00800263	+0.00403704	
C/2007 L13	2007 06	15.84589	05 28 36.1	+21 39 16	3 249
Geocentric position (AU)		-0.00200123	+0.00800267	+0.00403687	
C/2007 L13	2007 06	15.85422	05 28 37.0	+21 40 25	2 249
Geocentric position (AU)		-0.00200355	+0.00800271	+0.00403671	
C/2007 L13	2007 06	15.88059	05 28 47.0	+21 44 59	2 249
Geocentric position (AU)		-0.00201083	+0.00800282	+0.00403618	
C/2007 L13	2007 06	15.89589	05 28 51.8	+21 47 50	2 249
Geocentric position (AU)		-0.00201505	+0.00800289	+0.00403588	
C/2007 L13	2007 06	15.91256	05 28 57.6	+21 51 09	2 249
Geocentric position (AU)		-0.00201965	+0.00800295	+0.00403555	
C/2007 L13	2007 06	15.92115	05 28 59.6	+21 52 33	2 249
Geocentric position (AU)		-0.00202203	+0.00800299	+0.00403537	
C/2007 L13	2007 06	15.93756	05 29 04.5	+21 55 52	2 249
Geocentric position (AU)		-0.00202656	+0.00800305	+0.00403504	

C/2007 L13	2007 06 15.96256	05 29 14.4	+22 00 51	2 249
Geocentric position (AU)	-0.00203345	+0.00800315	+0.00403454	
C/2007 L13	2007 06 15.97922	05 29 20.6	+22 04 16	2 249
Geocentric position (AU)	-0.00203805	+0.00800321	+0.00403420	
C/2007 L13	2007 06 15.99589	05 29 26.9	+22 07 50	2 249
Geocentric position (AU)	-0.00204267	+0.00800327	+0.00403386	
C/2007 L13	2007 06 16.00422	05 29 30.4	+22 09 26	2 249
Geocentric position (AU)	-0.00204494	+0.00800330	+0.00403370	
C/2007 L13	2007 06 16.02088	05 29 37.2	+22 13 00	2 249
Geocentric position (AU)	-0.00204953	+0.00800336	+0.00403336	
C/2007 L13	2007 06 16.03757	05 29 44.7	+22 16 38	2 249
Geocentric position (AU)	-0.00205413	+0.00800341	+0.00403302	
C/2007 L13	2007 06 16.06366	05 29 57.1	+22 22 20	2 249
Geocentric position (AU)	-0.00206132	+0.00800349	+0.00403248	
C/2007 L13	2007 06 16.07922	05 30 05.1	+22 26 03	2 249
Geocentric position (AU)	-0.00206560	+0.00800354	+0.00403216	

C/2007 M3 (LINEAR)

C/2007 M3	2007 09 12.81450	17 02 39.63	-08 00 08.6	17.2 N	130
C/2007 M3	2007 09 12.81751	17 02 39.52	-08 00 09.4	16.6 N	130
C/2007 M3	2007 09 12.81952	17 02 39.39	-08 00 11.1	16.7 N	130
C/2007 M3	2007 09 12.82002	17 02 39.43	-08 00 11.1	16.5 N	130
C/2007 M3	2007 10 07.41116	16 51 16.43	-10 30 00.1		349
C/2007 M3	2007 10 07.41468	16 51 16.40	-10 30 01.4	17.4 T	349

C/2007 M4 (SOHO)

C/2007 M4	2007 06 24.69588	06 01 01.8	+19 16 21	3 249
Geocentric position (AU)	-0.00424191	+0.00783524	+0.00374228	
C/2007 M4	2007 06 24.72089	06 01 08.3	+19 19 36	3 249
Geocentric position (AU)	-0.00424756	+0.00783433	+0.00374120	
C/2007 M4	2007 06 24.73755	06 01 11.4	+19 21 41	3 249
Geocentric position (AU)	-0.00425133	+0.00783373	+0.00374048	
C/2007 M4	2007 06 24.76256	06 01 21.7	+19 23 29	3 249
Geocentric position (AU)	-0.00425698	+0.00783282	+0.00373939	
C/2007 M4	2007 06 24.77922	06 01 23.6	+19 24 52	3 249
Geocentric position (AU)	-0.00426074	+0.00783221	+0.00373867	
C/2007 M4	2007 06 24.82088	06 01 35.9	+19 29 18	3 249
Geocentric position (AU)	-0.00427015	+0.00783069	+0.00373686	
C/2007 M4	2007 06 24.84589	06 01 41.7	+19 32 03	3 249
Geocentric position (AU)	-0.00427578	+0.00782977	+0.00373578	
C/2007 M4	2007 06 24.86255	06 01 46.5	+19 33 42	3 249
Geocentric position (AU)	-0.00427954	+0.00782916	+0.00373505	
C/2007 M4	2007 06 24.88777	06 01 53.3	+19 36 39	3 249
Geocentric position (AU)	-0.00428522	+0.00782823	+0.00373396	
C/2007 M4	2007 06 24.90422	06 01 57.5	+19 38 23	3 249
Geocentric position (AU)	-0.00428892	+0.00782763	+0.00373324	
C/2007 M4	2007 06 24.92922	06 02 04.2	+19 41 01	3 249
Geocentric position (AU)	-0.00429454	+0.00782671	+0.00373215	
C/2007 M4	2007 06 24.97097	06 02 16.9	+19 45 17	3 249
Geocentric position (AU)	-0.00430392	+0.00782517	+0.00373033	
C/2007 M4	2007 06 24.98755	06 02 21.4	+19 47 23	3 249
Geocentric position (AU)	-0.00430764	+0.00782455	+0.00372961	
C/2007 M4	2007 06 25.01255	06 02 27.2	+19 49 56	3 249
Geocentric position (AU)	-0.00431325	+0.00782363	+0.00372852	

C/2007 M4	2007 06 25.02922	06 02 33.1	+19 51 50	3 249
Geocentric position (AU)	-0.00431699	+0.00782301	+0.00372779	
C/2007 M4	2007 06 25.07088	06 02 44.2	+19 56 31	3 249
Geocentric position (AU)	-0.00432633	+0.00782146	+0.00372597	
C/2007 M4	2007 06 25.09589	06 02 51.4	+19 59 24	3 249
Geocentric position (AU)	-0.00433192	+0.00782053	+0.00372487	
C/2007 M4	2007 06 25.11256	06 02 56.4	+20 01 21	3 249
Geocentric position (AU)	-0.00433565	+0.00781991	+0.00372414	
C/2007 M4	2007 06 25.13755	06 03 04.3	+20 03 55	3 249
Geocentric position (AU)	-0.00434124	+0.00781898	+0.00372305	
C/2007 M4	2007 06 25.15422	06 03 08.0	+20 05 40	3 249
Geocentric position (AU)	-0.00434497	+0.00781835	+0.00372231	
C/2007 M4	2007 06 25.17922	06 03 17.8	+20 08 46	3 249
Geocentric position (AU)	-0.00435055	+0.00781742	+0.00372122	
C/2007 M4	2007 06 25.19589	06 03 20.9	+20 10 37	3 249
Geocentric position (AU)	-0.00435427	+0.00781679	+0.00372049	
C/2007 M4	2007 06 25.22089	06 03 29.0	+20 13 43	3 249
Geocentric position (AU)	-0.00435984	+0.00781586	+0.00371939	
C/2007 M4	2007 06 25.23755	06 03 34.2	+20 15 29	3 249
Geocentric position (AU)	-0.00436356	+0.00781523	+0.00371865	
C/2007 M4	2007 06 25.26255	06 03 43.3	+20 18 43	3 249
Geocentric position (AU)	-0.00436913	+0.00781429	+0.00371755	
C/2007 M4	2007 06 25.27922	06 03 47.6	+20 20 37	3 249
Geocentric position (AU)	-0.00437284	+0.00781366	+0.00371682	
C/2007 M4	2007 06 25.32089	06 04 01.6	+20 25 59	3 249
Geocentric position (AU)	-0.00438211	+0.00781209	+0.00371498	
C/2007 M4	2007 06 25.34589	06 04 09.3	+20 28 44	3 249
Geocentric position (AU)	-0.00438767	+0.00781114	+0.00371388	
C/2007 M4	2007 06 25.36255	06 04 13.2	+20 30 43	3 249
Geocentric position (AU)	-0.00439137	+0.00781051	+0.00371315	
C/2007 M4	2007 06 25.38755	06 04 22.4	+20 33 50	3 249
Geocentric position (AU)	-0.00439692	+0.00780956	+0.00371204	
C/2007 M4	2007 06 25.40422	06 04 29.1	+20 36 14	3 249
Geocentric position (AU)	-0.00440062	+0.00780893	+0.00371131	
C/2007 M4	2007 06 25.44588	06 04 43.4	+20 41 14	3 249
Geocentric position (AU)	-0.00440985	+0.00780735	+0.00370946	
C/2007 M4	2007 06 25.47088	06 04 51.4	+20 44 51	3 249
Geocentric position (AU)	-0.00441539	+0.00780640	+0.00370836	
C/2007 M4	2007 06 25.48755	06 04 56.9	+20 46 58	3 249
Geocentric position (AU)	-0.00441908	+0.00780576	+0.00370762	
C/2007 M4	2007 06 25.51255	06 05 05.3	+20 50 34	3 249
Geocentric position (AU)	-0.00442461	+0.00780481	+0.00370651	
C/2007 M4	2007 06 25.52922	06 05 12.2	+20 52 56	3 249
Geocentric position (AU)	-0.00442829	+0.00780417	+0.00370577	
C/2007 M4	2007 06 25.57089	06 05 25.1	+20 58 37	3 249
Geocentric position (AU)	-0.00443749	+0.00780257	+0.00370392	
C/2007 M4	2007 06 25.59589	06 05 37.0	+21 01 52	3 249
Geocentric position (AU)	-0.00444301	+0.00780161	+0.00370281	
C/2007 M4	2007 06 25.61255	06 05 43.2	+21 04 37	3 249
Geocentric position (AU)	-0.00444669	+0.00780097	+0.00370207	
C/2007 M4	2007 06 25.63757	06 05 54.8	+21 08 06	3 249
Geocentric position (AU)	-0.00445220	+0.00780001	+0.00370096	

C/2007 M4	2007 06 25.65422	06 06 00.6	+21 09 58	3 249
Geocentric position (AU)	-0.00445587	+0.00779937	+0.00370022	
C/2007 M4	2007 06 25.67922	06 06 10.0	+21 14 05	3 249
Geocentric position (AU)	-0.00446137	+0.00779841	+0.00369910	
C/2007 M4	2007 06 25.69589	06 06 17.3	+21 16 12	3 249
Geocentric position (AU)	-0.00446504	+0.00779777	+0.00369836	
C/2007 M4	2007 06 25.83114	06 07 17.5	+21 37 39	3 249
Geocentric position (AU)	-0.00449473	+0.00779253	+0.00369233	
C/2007 M4	2007 06 25.86330	06 07 33.1	+21 43 19	3 249
Geocentric position (AU)	-0.00450177	+0.00779127	+0.00369089	
C/2007 M4	2007 06 25.88835	06 07 45.1	+21 47 27	3 249
Geocentric position (AU)	-0.00450725	+0.00779030	+0.00368977	
C/2007 M4	2007 06 25.90422	06 07 53.7	+21 50 08	3 249
Geocentric position (AU)	-0.00451072	+0.00778968	+0.00368906	
C/2007 M4	2007 06 25.92922	06 08 08.0	+21 54 24	3 249
Geocentric position (AU)	-0.00451619	+0.00778870	+0.00368793	
C/2007 M4	2007 06 25.97098	06 08 30.0	+22 01 55	3 249
Geocentric position (AU)	-0.00452531	+0.00778707	+0.00368606	
C/2007 M4	2007 06 25.98755	06 08 41.8	+22 05 07	3 249
Geocentric position (AU)	-0.00452892	+0.00778642	+0.00368532	
C/2007 M4	2007 06 26.01255	06 08 55.3	+22 09 49	3 249
Geocentric position (AU)	-0.00453437	+0.00778544	+0.00368420	
C/2007 M4	2007 06 26.02922	06 09 07.0	+22 13 09	3 249
Geocentric position (AU)	-0.00453800	+0.00778479	+0.00368345	
C/2007 M4	2007 06 26.06369	06 09 32.6	+22 20 01	2 249
Geocentric position (AU)	-0.00454552	+0.00778343	+0.00368190	
C/2007 M4	2007 06 26.07088	06 09 32.0	+22 21 31	3 249
Geocentric position (AU)	-0.00454708	+0.00778315	+0.00368157	
C/2007 M4	2007 06 26.07922	06 09 43.1	+22 23 14	2 249
Geocentric position (AU)	-0.00454890	+0.00778282	+0.00368120	
C/2007 M4	2007 06 26.08757	06 09 49.1	+22 25 04	2 249
Geocentric position (AU)	-0.00455071	+0.00778249	+0.00368082	
C/2007 M4	2007 06 26.10422	06 10 01.5	+22 28 35	2 249
Geocentric position (AU)	-0.00455433	+0.00778183	+0.00368007	
C/2007 M4	2007 06 26.12922	06 10 20.8	+22 34 06	2 249
Geocentric position (AU)	-0.00455977	+0.00778085	+0.00367895	
C/2007 M4	2007 06 26.14589	06 10 35.1	+22 37 47	2 249
Geocentric position (AU)	-0.00456338	+0.00778019	+0.00367819	
C/2007 M4	2007 06 26.16256	06 10 49.8	+22 41 37	2 249
Geocentric position (AU)	-0.00456700	+0.00777953	+0.00367744	
C/2007 M4	2007 06 26.17089	06 10 57.4	+22 43 38	2 249
Geocentric position (AU)	-0.00456881	+0.00777920	+0.00367707	
C/2007 M4	2007 06 26.18757	06 11 13.7	+22 47 35	2 249
Geocentric position (AU)	-0.00457243	+0.00777854	+0.00367632	
C/2007 M4	2007 06 26.20422	06 11 30.1	+22 51 44	2 249
Geocentric position (AU)	-0.00457604	+0.00777788	+0.00367556	
C/2007 M4	2007 06 26.22922	06 11 54.4	+22 57 14	2 249
Geocentric position (AU)	-0.00458146	+0.00777689	+0.00367444	
C/2007 M4	2007 06 26.24589	06 12 19.5	+23 02 27	2 249
Geocentric position (AU)	-0.00458507	+0.00777623	+0.00367368	
C/2007 M4	2007 06 26.25424	06 12 28.5	+23 04 50	2 249
Geocentric position (AU)	-0.00458687	+0.00777590	+0.00367331	

C/2007 M4	2007 06 26.27089	06 12 54.0	+23 09 21	2 249
Geocentric position (AU)	-0.00459047	+0.00777524	+0.00367255	
C/2007 M4	2007 06 26.28755	06 13 21.3	+23 14 12	2 249
Geocentric position (AU)	-0.00459408	+0.00777457	+0.00367180	

C/2007 M5 (SOHO)

C/2007 M5	2007 06 25.22922	06 06 02.0	+22 36 36	2 249
Geocentric position (AU)	-0.00436171	+0.00781554	+0.00371902	
C/2007 M5	2007 06 25.24589	06 06 18.6	+22 38 39	2 249
Geocentric position (AU)	-0.00436542	+0.00781491	+0.00371829	
C/2007 M5	2007 06 25.25422	06 06 26.5	+22 39 40	2 249
Geocentric position (AU)	-0.00436728	+0.00781460	+0.00371792	
C/2007 M5	2007 06 25.27089	06 06 42.6	+22 41 38	2 249
Geocentric position (AU)	-0.00437099	+0.00781397	+0.00371719	
C/2007 M5	2007 06 25.28755	06 06 59.5	+22 43 46	2 249
Geocentric position (AU)	-0.00437470	+0.00781335	+0.00371645	
C/2007 M5	2007 06 25.31365	06 07 26.5	+22 47 00	2 249
Geocentric position (AU)	-0.00438051	+0.00781236	+0.00371530	
C/2007 M5	2007 06 25.32922	06 07 43.4	+22 49 03	2 249
Geocentric position (AU)	-0.00438397	+0.00781177	+0.00371462	
C/2007 M5	2007 06 25.33757	06 07 52.7	+22 50 10	2 249
Geocentric position (AU)	-0.00438583	+0.00781146	+0.00371425	
C/2007 M5	2007 06 25.35423	06 08 11.4	+22 52 27	2 249
Geocentric position (AU)	-0.00438953	+0.00781083	+0.00371351	
C/2007 M5	2007 06 25.37090	06 08 31.1	+22 54 52	2 249
Geocentric position (AU)	-0.00439323	+0.00781020	+0.00371278	
C/2007 M5	2007 06 25.37922	06 08 41.0	+22 55 57	2 249
Geocentric position (AU)	-0.00439508	+0.00780988	+0.00371241	
C/2007 M5	2007 06 25.39589	06 09 02.1	+22 58 26	2 249
Geocentric position (AU)	-0.00439878	+0.00780925	+0.00371167	
C/2007 M5	2007 06 25.41255	06 09 24.0	+23 01 02	2 249
Geocentric position (AU)	-0.00440247	+0.00780861	+0.00371094	
C/2007 M5	2007 06 25.42090	06 09 35.4	+23 02 13	2 249
Geocentric position (AU)	-0.00440432	+0.00780830	+0.00371057	

C/2007 M6 (SOHO)

C/2007 M6	2007 06 25.34589	06 05 21.0	+21 37 54	3 249
Geocentric position (AU)	-0.00438767	+0.00781114	+0.00371388	
C/2007 M6	2007 06 25.36255	06 05 30.5	+21 39 30	3 249
Geocentric position (AU)	-0.00439137	+0.00781051	+0.00371315	
C/2007 M6	2007 06 25.38755	06 05 44.2	+21 43 26	3 249
Geocentric position (AU)	-0.00439692	+0.00780956	+0.00371204	
C/2007 M6	2007 06 25.40422	06 05 55.5	+21 46 55	3 249
Geocentric position (AU)	-0.00440062	+0.00780893	+0.00371131	
C/2007 M6	2007 06 25.43054	06 06 04.3	+21 51 24	3 249
Geocentric position (AU)	-0.00440645	+0.00780793	+0.00371014	
C/2007 M6	2007 06 25.44588	06 06 18.7	+21 54 57	3 249
Geocentric position (AU)	-0.00440985	+0.00780735	+0.00370946	
C/2007 M6	2007 06 25.47088	06 06 25.8	+21 58 24	3 249
Geocentric position (AU)	-0.00441539	+0.00780640	+0.00370836	
C/2007 M6	2007 06 25.48755	06 06 34.6	+22 01 32	3 249
Geocentric position (AU)	-0.00441908	+0.00780576	+0.00370762	
C/2007 M6	2007 06 25.52922	06 07 09.5	+22 08 11	3 249
Geocentric position (AU)	-0.00442829	+0.00780417	+0.00370577	

C/2007 M6	2007 06 25.60422	06 07 50.0	+22 24 22	2 249
Geocentric position (AU)	-0.00444486	+0.00780129	+0.00370244	
C/2007 M6	2007 06 25.62088	06 08 01.6	+22 27 42	2 249
Geocentric position (AU)	-0.00444853	+0.00780065	+0.00370170	
C/2007 M6	2007 06 25.62922	06 08 07.8	+22 29 43	2 249
Geocentric position (AU)	-0.00445037	+0.00780033	+0.00370133	
C/2007 M6	2007 06 25.64589	06 08 20.5	+22 33 10	2 249
Geocentric position (AU)	-0.00445404	+0.00779969	+0.00370059	
C/2007 M6	2007 06 25.66255	06 08 29.8	+22 35 56	2 249
Geocentric position (AU)	-0.00445771	+0.00779905	+0.00369985	
C/2007 M6	2007 06 25.67088	06 08 35.1	+22 37 15	2 249
Geocentric position (AU)	-0.00445954	+0.00779873	+0.00369947	

C/2007 M7 (SOHO)

C/2007 M7	2007 06 25.41255	06 07 53.5	+21 39 29	2 249
Geocentric position (AU)	-0.00440247	+0.00780861	+0.00371094	
C/2007 M7	2007 06 25.42090	06 07 57.6	+21 40 52	2 249
Geocentric position (AU)	-0.00440432	+0.00780830	+0.00371057	
C/2007 M7	2007 06 25.43771	06 08 04.6	+21 43 55	2 249
Geocentric position (AU)	-0.00440805	+0.00780766	+0.00370982	
C/2007 M7	2007 06 25.45422	06 08 11.4	+21 47 14	2 249
Geocentric position (AU)	-0.00441171	+0.00780703	+0.00370909	
C/2007 M7	2007 06 25.46257	06 08 15.7	+21 48 51	2 249
Geocentric position (AU)	-0.00441355	+0.00780671	+0.00370872	
C/2007 M7	2007 06 25.47922	06 08 23.6	+21 52 02	2 249
Geocentric position (AU)	-0.00441724	+0.00780608	+0.00370799	
C/2007 M7	2007 06 25.49589	06 08 31.6	+21 55 27	2 249
Geocentric position (AU)	-0.00442093	+0.00780544	+0.00370725	
C/2007 M7	2007 06 25.50422	06 08 35.8	+21 57 08	2 249
Geocentric position (AU)	-0.00442277	+0.00780512	+0.00370688	
C/2007 M7	2007 06 25.52090	06 08 43.6	+22 00 42	2 249
Geocentric position (AU)	-0.00442646	+0.00780449	+0.00370614	
C/2007 M7	2007 06 25.53756	06 08 53.5	+22 03 55	2 249
Geocentric position (AU)	-0.00443014	+0.00780385	+0.00370540	

C/2007 M8 (SOHO)

C/2007 M8	2007 06 25.56365	06 17 49.1	+22 32 10	2 249
Geocentric position (AU)	-0.00443591	+0.00780285	+0.00370424	
C/2007 M8	2007 06 25.57922	06 17 51.3	+22 27 41	2 249
Geocentric position (AU)	-0.00443934	+0.00780225	+0.00370355	
C/2007 M8	2007 06 25.58755	06 17 52.8	+22 25 17	2 249
Geocentric position (AU)	-0.00444118	+0.00780193	+0.00370318	
C/2007 M8	2007 06 25.60422	06 17 54.8	+22 20 29	2 249
Geocentric position (AU)	-0.00444486	+0.00780129	+0.00370244	
C/2007 M8	2007 06 25.62088	06 17 57.5	+22 15 32	2 249
Geocentric position (AU)	-0.00444853	+0.00780065	+0.00370170	
C/2007 M8	2007 06 25.62922	06 17 58.2	+22 13 17	2 249
Geocentric position (AU)	-0.00445037	+0.00780033	+0.00370133	
C/2007 M8	2007 06 25.64589	06 18 00.8	+22 08 30	2 249
Geocentric position (AU)	-0.00445404	+0.00779969	+0.00370059	
C/2007 M8	2007 06 25.66255	06 18 03.6	+22 03 35	2 249
Geocentric position (AU)	-0.00445771	+0.00779905	+0.00369985	
C/2007 M8	2007 06 25.67088	06 18 04.2	+22 01 20	2 249
Geocentric position (AU)	-0.00445954	+0.00779873	+0.00369947	

C/2007 M8	2007 06 25.68755	06 18 06.1	+21 56 26	2 249
Geocentric position (AU)	-0.00446321	+0.00779809	+0.00369873	

C/2007 M9 (SOHO)

C/2007 M9	2007 06 27.60424	06 16 31.0	+21 44 17	2 249
Geocentric position (AU)	-0.00487342	+0.00772075	+0.00361143	
C/2007 M9	2007 06 27.62088	06 16 41.1	+21 47 01	2 249
Geocentric position (AU)	-0.00487688	+0.00772005	+0.00361066	
C/2007 M9	2007 06 27.62922	06 16 44.8	+21 48 32	2 249
Geocentric position (AU)	-0.00487862	+0.00771970	+0.00361027	
C/2007 M9	2007 06 27.64589	06 16 53.2	+21 51 59	2 249
Geocentric position (AU)	-0.00488208	+0.00771900	+0.00360950	
C/2007 M9	2007 06 27.66255	06 17 02.6	+21 55 02	2 249
Geocentric position (AU)	-0.00488555	+0.00771830	+0.00360872	
C/2007 M9	2007 06 27.67089	06 17 07.1	+21 56 42	2 249
Geocentric position (AU)	-0.00488728	+0.00771795	+0.00360834	
C/2007 M9	2007 06 27.68756	06 17 15.6	+21 59 54	2 249
Geocentric position (AU)	-0.00489074	+0.00771725	+0.00360756	
C/2007 M9	2007 06 27.70422	06 17 25.8	+22 03 11	2 249
Geocentric position (AU)	-0.00489420	+0.00771655	+0.00360679	
C/2007 M9	2007 06 27.71255	06 17 30.5	+22 04 59	2 249
Geocentric position (AU)	-0.00489593	+0.00771620	+0.00360640	
C/2007 M9	2007 06 27.72923	06 17 40.8	+22 08 13	2 249
Geocentric position (AU)	-0.00489939	+0.00771550	+0.00360562	
C/2007 M9	2007 06 27.74590	06 17 51.3	+22 11 58	2 249
Geocentric position (AU)	-0.00490284	+0.00771480	+0.00360485	
C/2007 M9	2007 06 27.75422	06 17 56.4	+22 13 13	2 249
Geocentric position (AU)	-0.00490457	+0.00771445	+0.00360446	

C/2007 M10 (SOHO)

C/2007 M10	2007 06 29.84588	06 23 48.8	+20 52 58	3 249
Geocentric position (AU)	-0.00532532	+0.00762402	+0.00350577	
C/2007 M10	2007 06 29.86255	06 23 57.6	+20 55 54	3 249
Geocentric position (AU)	-0.00532858	+0.00762329	+0.00350498	
C/2007 M10	2007 06 29.88773	06 24 08.7	+20 59 23	3 249
Geocentric position (AU)	-0.00533349	+0.00762218	+0.00350378	
C/2007 M10	2007 06 29.90450	06 24 12.2	+21 01 35	3 249
Geocentric position (AU)	-0.00533676	+0.00762143	+0.00350298	
C/2007 M10	2007 06 29.92924	06 24 28.0	+21 05 19	3 249
Geocentric position (AU)	-0.00534158	+0.00762034	+0.00350179	
C/2007 M10	2007 06 29.97099	06 24 44.9	+21 10 55	3 249
Geocentric position (AU)	-0.00534972	+0.00761849	+0.00349980	
C/2007 M10	2007 06 30.01255	06 25 03.5	+21 17 30	3 249
Geocentric position (AU)	-0.00535780	+0.00761665	+0.00349781	
C/2007 M10	2007 06 30.02922	06 25 13.5	+21 20 21	3 249
Geocentric position (AU)	-0.00536104	+0.00761592	+0.00349702	
C/2007 M10	2007 06 30.07089	06 25 30.6	+21 27 15	3 249
Geocentric position (AU)	-0.00536913	+0.00761407	+0.00349503	
C/2007 M10	2007 06 30.09589	06 25 46.8	+21 30 46	3 249
Geocentric position (AU)	-0.00537398	+0.00761296	+0.00349383	
C/2007 M10	2007 06 30.11256	06 25 52.9	+21 34 06	3 249
Geocentric position (AU)	-0.00537721	+0.00761222	+0.00349303	
C/2007 M10	2007 06 30.17926	06 26 30.8	+21 45 17	3 249
Geocentric position (AU)	-0.00539013	+0.00760926	+0.00348984	

C/2007 M10	2007 06 30.22099	06 26 54.9	+21 52 25	3	249
Geocentric position (AU)	-0.00539820	+0.00760741	+0.00348785		
C/2007 M10	2007 06 30.22922	06 27 01.0	+21 54 05	2	249
Geocentric position (AU)	-0.00539980	+0.00760704	+0.00348745		
C/2007 M10	2007 06 30.23755	06 27 06.0	+21 55 59	3	249
Geocentric position (AU)	-0.00540141	+0.00760667	+0.00348705		
C/2007 M10	2007 06 30.24589	06 27 11.7	+21 57 14	2	249
Geocentric position (AU)	-0.00540302	+0.00760630	+0.00348665		
C/2007 M10	2007 06 30.25422	06 27 16.5	+21 58 48	2	249
Geocentric position (AU)	-0.00540463	+0.00760593	+0.00348625		
C/2007 M10	2007 06 30.26255	06 27 21.6	+21 59 54	3	249
Geocentric position (AU)	-0.00540623	+0.00760556	+0.00348586		
C/2007 M10	2007 06 30.27089	06 27 27.9	+22 02 04	2	249
Geocentric position (AU)	-0.00540785	+0.00760519	+0.00348546		
C/2007 M10	2007 06 30.28755	06 27 38.9	+22 05 24	2	249
Geocentric position (AU)	-0.00541107	+0.00760445	+0.00348466		
C/2007 M10	2007 06 30.31370	06 27 57.9	+22 10 46	2	249
Geocentric position (AU)	-0.00541611	+0.00760329	+0.00348341		
C/2007 M10	2007 06 30.33756	06 28 15.5	+22 15 47	2	249
Geocentric position (AU)	-0.00542071	+0.00760222	+0.00348226		
C/2007 M10	2007 06 30.35422	06 28 27.9	+22 19 07	2	249
Geocentric position (AU)	-0.00542392	+0.00760148	+0.00348146		

C/2007 N3 (Lulin)

C/2007 N3	2007 09 30.83061	21 25 09.95	-14 45 52.5	17.6 N	213
C/2007 N3	2007 09 30.83167	21 25 09.92	-14 45 52.8	17.6 N	213
C/2007 N3	2007 10 02.46755	21 23 54.18	-14 51 45.3	17.6 T	423
C/2007 N3	2007 10 02.46824	21 23 54.16	-14 51 45.1	17.6 T	E12
C/2007 N3	2007 10 02.48684	21 23 53.30	-14 51 49.3	17.8 T	E12
C/2007 N3	2007 10 02.49615	21 23 52.87	-14 51 51.8	17.5 T	E12
C/2007 N3	2007 10 03.40164	21 23 11.81	-14 55 02.0	17.8 T	423
C/2007 N3	2007 10 03.42797	21 23 10.64	-14 55 07.7	17.8 T	423
C/2007 N3	2007 10 04.19948	21 22 36.08	-14 57 50.4	17.7 T	G96
C/2007 N3	2007 10 04.20661	21 22 35.72	-14 57 51.8	17.7 T	G96
C/2007 N3	2007 10 04.21370	21 22 35.43	-14 57 53.2	17.7 T	G96
C/2007 N3	2007 10 04.22074	21 22 35.11	-14 57 54.6	17.7 T	G96
C/2007 N3	2007 10 04.40271	21 22 27.10	-14 58 30.8	17.8 T	423
C/2007 N3	2007 10 04.43957	21 22 25.41	-14 58 37.7	17.7 T	423
C/2007 N3	2007 10 05.14295	21 21 54.44	-15 01 03.0	17.7 T	704
C/2007 N3	2007 10 05.16486	21 21 53.45	-15 01 07.6	17.8 T	704
C/2007 N3	2007 10 05.17582	21 21 52.98	-15 01 10.3	18.0 T	704
C/2007 N3	2007 10 05.18678	21 21 52.46	-15 01 12.7	17.9 T	704
C/2007 N3	2007 10 06.88817	21 20 39.02	-15 06 52.3	17.8 N	232
C/2007 N3	2007 10 06.89975	21 20 38.54	-15 06 54.7	18.0 N	232
C/2007 N3	2007 10 06.91327	21 20 37.97	-15 06 57.3	18.4 N	232
C/2007 N3	2007 10 07.50786	21 20 12.74	-15 08 53.2		349
C/2007 N3	2007 10 07.53753	21 20 11.49	-15 08 58.4	17.6 T	349
C/2007 N3	2007 10 09.08359	21 19 07.49	-15 13 52.4	18.0 T	704
C/2007 N3	2007 10 09.09491	21 19 07.00	-15 13 54.1	18.4 T	704
C/2007 N3	2007 10 09.10621	21 19 06.54	-15 13 56.2	18.4 T	704
C/2007 N3	2007 10 09.11751	21 19 06.05	-15 13 58.3	18.2 T	704
C/2007 N3	2007 10 09.12894	21 19 05.58	-15 14 00.9	18.2 T	704
C/2007 N3	2007 10 10.79909	21 17 58.45	-15 19 08.5		046

C/2007 N3	2007 10 10.80025	21 17 58.38	-15 19 08.5		046
C/2007 N3	2007 10 10.80139	21 17 58.37	-15 19 09.0		046
C/2007 N3	2007 10 10.80260	21 17 58.30	-15 19 08.7		046
C/2007 N3	2007 10 11.13330	21 17 45.18	-15 20 07.1	18.2 N	H47
C/2007 N3	2007 10 11.14603	21 17 44.72	-15 20 09.8	18.2 N	H47
C/2007 N3	2007 10 12.09266	21 17 07.92	-15 22 58.1	17.5 T	699
C/2007 N3	2007 10 12.11187	21 17 07.17	-15 23 00.9	17.8 T	699
C/2007 N3	2007 10 12.13102	21 17 06.39	-15 23 04.3	17.8 T	699
C/2007 N3	2007 10 12.15024	21 17 05.68	-15 23 07.4	17.8 T	699
C/2007 N3	2007 10 12.15679	21 17 05.39	-15 23 08.6	18.1 N	H47
C/2007 N3	2007 10 12.17687	21 17 04.61	-15 23 12.0	18.3 N	H47
C/2007 N3	2007 10 13.80052	21 16 03.29	-15 27 50.7	17.9 N	170
C/2007 N3	2007 10 13.80501	21 16 03.12	-15 27 51.5	17.9 N	170
C/2007 N3	2007 10 13.81175	21 16 02.84	-15 27 52.9	17.9 N	170
C/2007 N3	2007 10 14.09208	21 15 52.46	-15 28 37.9	18.1 T	704
C/2007 N3	2007 10 14.11497	21 15 51.65	-15 28 42.6	18.2 T	704
C/2007 N3	2007 10 14.12641	21 15 51.24	-15 28 44.2	18.4 T	704
C/2007 N3	2007 10 14.13420	21 15 50.85	-15 28 46.0	18.4 N	H47
C/2007 N3	2007 10 14.13784	21 15 50.70	-15 28 46.0	18.7 T	704
C/2007 N3	2007 10 14.15025	21 15 50.26	-15 28 48.8	18.3 N	H47
C/2007 N3	2007 10 14.77113	21 15 27.59	-15 30 30.6	17.4 N	A77
C/2007 N3	2007 10 14.81102	21 15 26.07	-15 30 37.6	17.5 N	A77
C/2007 N3	2007 10 14.82653	21 15 25.50	-15 30 39.9	17.5 N	A77
C/2007 N3	2007 10 15.11806	21 15 15.04	-15 31 27.7	17.6 T	703
C/2007 N3	2007 10 15.12345	21 15 14.79	-15 31 28.5	17.5 T	703
C/2007 N3	2007 10 15.12891	21 15 14.65	-15 31 29.5	17.6 T	703
C/2007 N3	2007 10 15.13433	21 15 14.40	-15 31 30.6	17.6 T	703
C/2007 N3	2007 10 15.83588	21 14 49.27	-15 33 23.6	17.2 N	J47
C/2007 N3	2007 10 15.84654	21 14 48.91	-15 33 25.2	17.5 N	J47
C/2007 N3	2007 10 15.85015	21 14 48.76	-15 33 25.4	16.7 N	J47
C/2007 N3	2007 10 16.08300	21 14 40.40	-15 34 02.0	17.6 T	699
C/2007 N3	2007 10 16.10109	21 14 39.85	-15 34 06.0	17.5 T	699
C/2007 N3	2007 10 16.11928	21 14 39.20	-15 34 07.9	17.5 T	699
C/2007 N3	2007 10 16.13747	21 14 38.54	-15 34 12.5	17.8 T	699
C/2007 N3	2007 10 17.10244	21 14 04.98	-15 36 42.4		701
C/2007 N3	2007 10 17.12608	21 14 04.16	-15 36 46.7		701
C/2007 N3	2007 10 17.14975	21 14 03.32	-15 36 49.8		701
C/2007 N3	2007 10 17.17338	21 14 02.49	-15 36 53.5		701
C/2007 N3	2007 10 18.08141	21 13 31.67	-15 39 12.5	17.4 T	699
C/2007 N3	2007 10 18.09786	21 13 31.10	-15 39 14.3	17.7 T	699
C/2007 N3	2007 10 18.11432	21 13 30.55	-15 39 16.7	17.7 T	699
C/2007 N3	2007 10 18.13078	21 13 30.00	-15 39 19.2	17.6 T	699

C/2007 N4 (SOHO)

C/2007 N4	2007 07 03.61255	06 37 11.6	+19 41 21	3	249
Geocentric position (AU)	-0.00602573	+0.00745387	+0.00332389		
C/2007 N4	2007 07 03.63755	06 37 20.1	+19 44 46	3	249
Geocentric position (AU)	-0.00603017	+0.00745272	+0.00332267		
C/2007 N4	2007 07 03.65422	06 37 27.5	+19 47 12	3	249
Geocentric position (AU)	-0.00603312	+0.00745196	+0.00332185		
C/2007 N4	2007 07 03.67924	06 37 37.2	+19 49 54	3	249
Geocentric position (AU)	-0.00603755	+0.00745081	+0.00332063		

C/2007 N4	2007 07 03.69588	06 37 43.8	+19 50 55	3 249
Geocentric position (AU)	-0.00604050	+0.00745004	+0.00331982	
C/2007 N4	2007 07 03.72088	06 37 53.6	+19 54 14	3 249
Geocentric position (AU)	-0.00604493	+0.00744889	+0.00331860	
C/2007 N4	2007 07 03.73755	06 38 00.3	+19 57 15	3 249
Geocentric position (AU)	-0.00604788	+0.00744812	+0.00331779	
C/2007 N4	2007 07 03.76257	06 38 11.5	+19 59 47	3 249
Geocentric position (AU)	-0.00605230	+0.00744697	+0.00331657	
C/2007 N4	2007 07 03.77922	06 38 18.2	+20 02 17	3 249
Geocentric position (AU)	-0.00605525	+0.00744620	+0.00331576	
C/2007 N4	2007 07 03.82089	06 38 35.4	+20 07 17	3 249
Geocentric position (AU)	-0.00606261	+0.00744428	+0.00331372	
C/2007 N4	2007 07 03.84588	06 38 48.4	+20 11 26	3 249
Geocentric position (AU)	-0.00606702	+0.00744313	+0.00331250	
C/2007 N4	2007 07 03.86255	06 38 51.8	+20 12 37	3 249
Geocentric position (AU)	-0.00606996	+0.00744236	+0.00331169	
C/2007 N4	2007 07 03.88773	06 39 04.9	+20 15 49	3 249
Geocentric position (AU)	-0.00607440	+0.00744120	+0.00331046	
C/2007 N4	2007 07 03.90422	06 39 11.4	+20 18 28	3 249
Geocentric position (AU)	-0.00607731	+0.00744044	+0.00330966	
C/2007 N4	2007 07 03.92922	06 39 24.2	+20 21 22	3 249
Geocentric position (AU)	-0.00608171	+0.00743928	+0.00330843	
C/2007 N4	2007 07 03.97097	06 39 41.8	+20 27 06	3 249
Geocentric position (AU)	-0.00608906	+0.00743736	+0.00330640	
C/2007 N4	2007 07 03.98757	06 39 54.4	+20 29 53	3 249
Geocentric position (AU)	-0.00609198	+0.00743659	+0.00330559	
C/2007 N4	2007 07 04.01255	06 40 02.7	+20 32 47	3 249
Geocentric position (AU)	-0.00609638	+0.00743544	+0.00330436	
C/2007 N4	2007 07 04.02922	06 40 10.8	+20 35 22	3 249
Geocentric position (AU)	-0.00609930	+0.00743467	+0.00330355	
C/2007 N4	2007 07 04.07088	06 40 31.4	+20 41 14	3 249
Geocentric position (AU)	-0.00610662	+0.00743274	+0.00330151	
C/2007 N4	2007 07 04.09589	06 40 45.0	+20 45 02	3 249
Geocentric position (AU)	-0.00611101	+0.00743159	+0.00330029	
C/2007 N4	2007 07 04.11255	06 40 53.3	+20 47 38	3 249
Geocentric position (AU)	-0.00611394	+0.00743082	+0.00329948	
C/2007 N4	2007 07 04.13755	06 41 06.5	+20 51 37	3 249
Geocentric position (AU)	-0.00611832	+0.00742966	+0.00329826	
C/2007 N4	2007 07 04.15422	06 41 15.5	+20 54 17	3 249
Geocentric position (AU)	-0.00612124	+0.00742889	+0.00329744	
C/2007 N4	2007 07 04.17924	06 41 30.1	+20 58 15	3 249
Geocentric position (AU)	-0.00612562	+0.00742773	+0.00329622	
C/2007 N4	2007 07 04.19589	06 41 40.3	+21 00 43	3 249
Geocentric position (AU)	-0.00612854	+0.00742696	+0.00329540	
C/2007 N4	2007 07 04.22089	06 41 54.0	+21 04 47	3 249
Geocentric position (AU)	-0.00613291	+0.00742581	+0.00329418	
C/2007 N4	2007 07 04.23755	06 42 03.5	+21 07 01	3 249
Geocentric position (AU)	-0.00613583	+0.00742503	+0.00329337	
C/2007 N4	2007 07 04.26255	06 42 17.3	+21 11 42	3 249
Geocentric position (AU)	-0.00614020	+0.00742388	+0.00329214	
C/2007 N4	2007 07 04.27924	06 42 29.4	+21 14 24	3 249
Geocentric position (AU)	-0.00614312	+0.00742310	+0.00329133	

C/2007 N4	2007 07 04.32089	06 42 52.5	+21 21 48	3 249
Geocentric position (AU)	-0.00615039	+0.00742117	+0.00328929	
C/2007 N4	2007 07 04.34589	06 43 13.4	+21 26 20	3 249
Geocentric position (AU)	-0.00615476	+0.00742002	+0.00328807	
C/2007 N4	2007 07 04.36255	06 43 22.5	+21 28 40	3 249
Geocentric position (AU)	-0.00615766	+0.00741924	+0.00328725	
C/2007 N4	2007 07 04.38755	06 43 40.2	+21 34 01	3 249
Geocentric position (AU)	-0.00616202	+0.00741808	+0.00328603	
C/2007 N4	2007 07 04.39588	06 43 46.5	+21 35 30	2 249
Geocentric position (AU)	-0.00616348	+0.00741770	+0.00328562	
C/2007 N4	2007 07 04.41255	06 43 59.1	+21 38 26	2 249
Geocentric position (AU)	-0.00616639	+0.00741692	+0.00328480	
C/2007 N4	2007 07 04.42088	06 44 05.4	+21 40 11	2 249
Geocentric position (AU)	-0.00616784	+0.00741654	+0.00328439	
C/2007 N4	2007 07 04.43769	06 44 18.3	+21 43 33	2 249
Geocentric position (AU)	-0.00617076	+0.00741576	+0.00328357	
C/2007 N4	2007 07 04.45422	06 44 31.3	+21 47 03	2 249
Geocentric position (AU)	-0.00617364	+0.00741499	+0.00328276	
C/2007 N4	2007 07 04.46255	06 44 38.7	+21 48 37	2 249
Geocentric position (AU)	-0.00617509	+0.00741460	+0.00328235	
C/2007 N4	2007 07 04.47922	06 44 52.5	+21 52 19	2 249
Geocentric position (AU)	-0.00617799	+0.00741383	+0.00328153	
C/2007 N4	2007 07 04.49589	06 45 06.5	+21 56 00	2 249
Geocentric position (AU)	-0.00618089	+0.00741306	+0.00328072	
C/2007 N4	2007 07 04.50422	06 45 14.3	+21 57 52	2 249
Geocentric position (AU)	-0.00618234	+0.00741267	+0.00328031	
C/2007 N4	2007 07 04.52090	06 45 29.2	+22 01 36	2 249
Geocentric position (AU)	-0.00618524	+0.00741189	+0.00327949	
C/2007 N4	2007 07 04.53755	06 45 45.4	+22 05 31	2 249
Geocentric position (AU)	-0.00618813	+0.00741112	+0.00327868	

C/2007 N5 (SOHO)

C/2007 N5	2007 07 07.90422	06 52 48.5	+19 38 18	3 249
Geocentric position (AU)	-0.00675230	+0.00725053	+0.00311155	
C/2007 N5	2007 07 07.92922	06 52 59.3	+19 40 36	3 249
Geocentric position (AU)	-0.00675633	+0.00724930	+0.00311029	
C/2007 N5	2007 07 07.97099	06 53 22.6	+19 46 13	3 249
Geocentric position (AU)	-0.00676308	+0.00724723	+0.00310818	
C/2007 N5	2007 07 07.98755	06 53 31.7	+19 47 56	3 249
Geocentric position (AU)	-0.00676575	+0.00724641	+0.00310734	
C/2007 N5	2007 07 08.01255	06 53 39.8	+19 50 00	3 249
Geocentric position (AU)	-0.00676978	+0.00724518	+0.00310608	
C/2007 N5	2007 07 08.07090	06 54 13.5	+19 58 14	3 249
Geocentric position (AU)	-0.00677918	+0.00724229	+0.00310313	
C/2007 N5	2007 07 08.09588	06 54 27.3	+20 01 35	3 249
Geocentric position (AU)	-0.00678320	+0.00724105	+0.00310187	
C/2007 N5	2007 07 08.11255	06 54 35.0	+20 03 38	3 249
Geocentric position (AU)	-0.00678588	+0.00724022	+0.00310102	
C/2007 N5	2007 07 08.13755	06 54 48.9	+20 06 49	3 249
Geocentric position (AU)	-0.00678990	+0.00723898	+0.00309976	
C/2007 N5	2007 07 08.15422	06 54 57.6	+20 09 27	3 249
Geocentric position (AU)	-0.00679258	+0.00723816	+0.00309891	

C/2007 N5	2007 07 08.17922	06 55 12.7	+20 12 20	3 249
Geocentric position (AU)	-0.00679660	+0.00723692	+0.00309765	
C/2007 N5	2007 07 08.22097	06 55 38.1	+20 17 59	3 249
Geocentric position (AU)	-0.00680330	+0.00723484	+0.00309553	
C/2007 N5	2007 07 08.23756	06 55 46.3	+20 20 24	3 249
Geocentric position (AU)	-0.00680596	+0.00723401	+0.00309469	
C/2007 N5	2007 07 08.26255	06 56 02.8	+20 24 04	3 249
Geocentric position (AU)	-0.00680997	+0.00723277	+0.00309343	
C/2007 N5	2007 07 08.27922	06 56 13.0	+20 26 19	3 249
Geocentric position (AU)	-0.00681264	+0.00723194	+0.00309258	
C/2007 N5	2007 07 08.32116	06 56 35.5	+20 32 32	3 249
Geocentric position (AU)	-0.00681936	+0.00722985	+0.00309045	
C/2007 N5	2007 07 08.34588	06 56 53.7	+20 36 11	3 249
Geocentric position (AU)	-0.00682332	+0.00722862	+0.00308920	
C/2007 N5	2007 07 08.36255	06 57 03.1	+20 38 36	3 249
Geocentric position (AU)	-0.00682598	+0.00722779	+0.00308835	
C/2007 N5	2007 07 08.38755	06 57 20.1	+20 42 13	3 249
Geocentric position (AU)	-0.00682998	+0.00722654	+0.00308709	
C/2007 N5	2007 07 08.40422	06 57 30.6	+20 45 04	3 249
Geocentric position (AU)	-0.00683264	+0.00722570	+0.00308624	
C/2007 N5	2007 07 08.43307	06 57 51.4	+20 49 14	3 249
Geocentric position (AU)	-0.00683725	+0.00722426	+0.00308477	
C/2007 N5	2007 07 08.44740	06 58 00.8	+20 51 37	3 249
Geocentric position (AU)	-0.00683954	+0.00722354	+0.00308405	
C/2007 N5	2007 07 08.47089	06 58 18.6	+20 56 04	3 249
Geocentric position (AU)	-0.00684329	+0.00722237	+0.00308285	
C/2007 N5	2007 07 08.48755	06 58 30.0	+20 58 11	3 249
Geocentric position (AU)	-0.00684595	+0.00722153	+0.00308200	
C/2007 N5	2007 07 08.51255	06 58 48.6	+21 02 24	3 249
Geocentric position (AU)	-0.00684993	+0.00722028	+0.00308073	
C/2007 N5	2007 07 08.52922	06 59 00.1	+21 05 38	3 249
Geocentric position (AU)	-0.00685259	+0.00721945	+0.00307989	
C/2007 N5	2007 07 08.57088	06 59 33.9	+21 12 46	3 249
Geocentric position (AU)	-0.00685923	+0.00721736	+0.00307777	
C/2007 N5	2007 07 08.59589	06 59 56.7	+21 16 48	3 249
Geocentric position (AU)	-0.00686321	+0.00721610	+0.00307649	
C/2007 N5	2007 07 08.61255	07 00 09.0	+21 20 38	3 249
Geocentric position (AU)	-0.00686586	+0.00721526	+0.00307564	
C/2007 N5	2007 07 08.63755	07 00 32.0	+21 25 30	3 249
Geocentric position (AU)	-0.00686983	+0.00721401	+0.00307437	
C/2007 N5	2007 07 08.65423	07 00 47.6	+21 28 44	3 249
Geocentric position (AU)	-0.00687248	+0.00721317	+0.00307352	
C/2007 N5	2007 07 08.67089	07 01 04.8	+21 31 41	2 249
Geocentric position (AU)	-0.00687513	+0.00721233	+0.00307267	
C/2007 N5	2007 07 08.67922	07 01 08.6	+21 33 00	3 249
Geocentric position (AU)	-0.00687645	+0.00721191	+0.00307225	
C/2007 N5	2007 07 08.68755	07 01 21.6	+21 34 53	2 249
Geocentric position (AU)	-0.00687778	+0.00721149	+0.00307182	
C/2007 N5	2007 07 08.70422	07 01 38.7	+21 38 26	2 249
Geocentric position (AU)	-0.00688043	+0.00721065	+0.00307097	
C/2007 N5	2007 07 08.71256	07 01 48.1	+21 40 18	2 249
Geocentric position (AU)	-0.00688175	+0.00721023	+0.00307055	

C/2007 N5	2007 07 08.72922	07 02 06.3	+21 43 48	2 249
Geocentric position (AU)	-0.00688439	+0.00720939	+0.00306970	
C/2007 N5	2007 07 08.74589	07 02 18.7	+21 46 24	2 249
Geocentric position (AU)	-0.00688704	+0.00720855	+0.00306885	

C/2007 N6 (SOHO)

C/2007 N6	2007 07 11.63768	07 09 10.1	+20 05 57	3 249
Geocentric position (AU)	-0.00732931	+0.00705616	+0.00291826	
C/2007 N6	2007 07 11.65422	07 09 22.3	+20 08 59	3 249
Geocentric position (AU)	-0.00733175	+0.00705525	+0.00291738	
C/2007 N6	2007 07 11.67923	07 09 39.1	+20 12 29	3 249
Geocentric position (AU)	-0.00733542	+0.00705387	+0.00291605	
C/2007 N6	2007 07 11.69588	07 09 49.8	+20 14 52	3 249
Geocentric position (AU)	-0.00733786	+0.00705295	+0.00291516	
C/2007 N6	2007 07 11.72088	07 10 05.7	+20 17 57	3 249
Geocentric position (AU)	-0.00734153	+0.00705157	+0.00291383	
C/2007 N6	2007 07 11.73755	07 10 20.9	+20 20 27	3 249
Geocentric position (AU)	-0.00734397	+0.00705065	+0.00291294	
C/2007 N6	2007 07 11.76255	07 10 37.8	+20 24 07	3 249
Geocentric position (AU)	-0.00734763	+0.00704926	+0.00291161	
C/2007 N6	2007 07 11.77922	07 10 49.6	+20 26 55	3 249
Geocentric position (AU)	-0.00735007	+0.00704834	+0.00291072	
C/2007 N6	2007 07 11.82089	07 11 23.0	+20 33 26	3 249
Geocentric position (AU)	-0.00735616	+0.00704603	+0.00290850	
C/2007 N6	2007 07 11.84589	07 11 41.9	+20 37 48	3 249
Geocentric position (AU)	-0.00735981	+0.00704465	+0.00290716	
C/2007 N6	2007 07 11.86256	07 11 55.1	+20 40 06	3 249
Geocentric position (AU)	-0.00736225	+0.00704372	+0.00290627	
C/2007 N6	2007 07 11.88768	07 12 14.1	+20 44 22	3 249
Geocentric position (AU)	-0.00736591	+0.00704233	+0.00290493	
C/2007 N6	2007 07 11.90422	07 12 29.6	+20 47 10	3 249
Geocentric position (AU)	-0.00736832	+0.00704141	+0.00290405	
C/2007 N6	2007 07 11.92922	07 12 52.1	+20 50 54	3 249
Geocentric position (AU)	-0.00737196	+0.00704002	+0.00290272	
C/2007 N6	2007 07 12.06368	07 15 07.0	+21 16 23	2 249
Geocentric position (AU)	-0.00739151	+0.00703253	+0.00289553	
C/2007 N6	2007 07 12.07938	07 15 24.9	+21 19 35	2 249
Geocentric position (AU)	-0.00739378	+0.00703165	+0.00289469	
C/2007 N6	2007 07 12.08755	07 15 34.4	+21 21 16	2 249
Geocentric position (AU)	-0.00739497	+0.00703119	+0.00289425	

C/2007 N7 (SOHO)

C/2007 N7	2007 07 13.17922	07 11 10.2	+18 39 52	3 249
Geocentric position (AU)	-0.00755028	+0.00696920	+0.00283538	
C/2007 N7	2007 07 13.19589	07 11 18.8	+18 42 01	3 249
Geocentric position (AU)	-0.00755261	+0.00696824	+0.00283448	
C/2007 N7	2007 07 13.22088	07 11 28.3	+18 43 58	3 249
Geocentric position (AU)	-0.00755609	+0.00696680	+0.00283312	
C/2007 N7	2007 07 13.23755	07 11 39.6	+18 45 37	3 249
Geocentric position (AU)	-0.00755842	+0.00696584	+0.00283221	
C/2007 N7	2007 07 13.26255	07 11 50.8	+18 48 06	3 249
Geocentric position (AU)	-0.00756190	+0.00696439	+0.00283085	
C/2007 N7	2007 07 13.27922	07 11 59.7	+18 49 59	3 249
Geocentric position (AU)	-0.00756422	+0.00696343	+0.00282995	

C/2007 N7	2007 07 13.32088	07 12 20.8	+18 53 59	3 249
Geocentric position (AU)	-0.00757001	+0.00696102	+0.00282768	
C/2007 N7	2007 07 13.34589	07 12 34.0	+18 56 40	3 249
Geocentric position (AU)	-0.00757348	+0.00695957	+0.00282632	
C/2007 N7	2007 07 13.36255	07 12 43.1	+18 58 01	3 249
Geocentric position (AU)	-0.00757579	+0.00695860	+0.00282542	
C/2007 N7	2007 07 13.38755	07 12 56.4	+19 00 55	3 249
Geocentric position (AU)	-0.00757925	+0.00695715	+0.00282405	
C/2007 N7	2007 07 13.40422	07 13 05.3	+19 02 29	3 249
Geocentric position (AU)	-0.00758156	+0.00695619	+0.00282315	
C/2007 N7	2007 07 13.43053	07 13 19.1	+19 05 34	3 249
Geocentric position (AU)	-0.00758520	+0.00695466	+0.00282171	
C/2007 N7	2007 07 13.44588	07 13 26.5	+19 07 00	3 249
Geocentric position (AU)	-0.00758733	+0.00695377	+0.00282088	
C/2007 N7	2007 07 13.48755	07 13 51.7	+19 11 22	3 249
Geocentric position (AU)	-0.00759308	+0.00695134	+0.00281861	
C/2007 N7	2007 07 13.51255	07 14 05.3	+19 14 00	3 249
Geocentric position (AU)	-0.00759653	+0.00694989	+0.00281725	
C/2007 N7	2007 07 13.52922	07 14 15.7	+19 15 52	3 249
Geocentric position (AU)	-0.00759883	+0.00694892	+0.00281634	
C/2007 N7	2007 07 13.57090	07 14 38.1	+19 20 22	3 249
Geocentric position (AU)	-0.00760457	+0.00694649	+0.00281406	
C/2007 N7	2007 07 13.59589	07 14 53.2	+19 23 03	3 249
Geocentric position (AU)	-0.00760800	+0.00694503	+0.00281270	
C/2007 N7	2007 07 13.61255	07 15 03.1	+19 25 17	3 249
Geocentric position (AU)	-0.00761029	+0.00694406	+0.00281179	
C/2007 N7	2007 07 13.63755	07 15 17.6	+19 27 56	3 249
Geocentric position (AU)	-0.00761373	+0.00694260	+0.00281043	
C/2007 N7	2007 07 13.65422	07 15 28.4	+19 30 00	3 249
Geocentric position (AU)	-0.00761601	+0.00694163	+0.00280952	
C/2007 N7	2007 07 13.67923	07 15 42.3	+19 32 45	3 249
Geocentric position (AU)	-0.00761944	+0.00694017	+0.00280815	
C/2007 N7	2007 07 13.69589	07 15 52.3	+19 34 52	3 249
Geocentric position (AU)	-0.00762172	+0.00693919	+0.00280724	
C/2007 N7	2007 07 13.72088	07 16 09.7	+19 37 33	3 249
Geocentric position (AU)	-0.00762515	+0.00693773	+0.00280588	
C/2007 N7	2007 07 13.73757	07 16 19.6	+19 39 41	3 249
Geocentric position (AU)	-0.00762743	+0.00693675	+0.00280496	
C/2007 N7	2007 07 13.76257	07 16 36.4	+19 42 58	3 249
Geocentric position (AU)	-0.00763084	+0.00693529	+0.00280360	
C/2007 N7	2007 07 13.77922	07 16 45.4	+19 44 57	3 249
Geocentric position (AU)	-0.00763312	+0.00693431	+0.00280269	
C/2007 N7	2007 07 13.82089	07 17 15.3	+19 50 11	3 249
Geocentric position (AU)	-0.00763880	+0.00693187	+0.00280041	
C/2007 N7	2007 07 13.84589	07 17 29.7	+19 53 03	3 249
Geocentric position (AU)	-0.00764221	+0.00693040	+0.00279904	
C/2007 N7	2007 07 13.86255	07 17 41.9	+19 55 07	3 249
Geocentric position (AU)	-0.00764447	+0.00692942	+0.00279813	
C/2007 N7	2007 07 13.88796	07 17 59.2	+19 58 38	3 249
Geocentric position (AU)	-0.00764793	+0.00692793	+0.00279674	
C/2007 N7	2007 07 13.90422	07 18 10.1	+20 00 51	3 249
Geocentric position (AU)	-0.00765014	+0.00692698	+0.00279585	

C/2007 N7	2007 07 13.92922	07 18 29.0	+20 04 17	3 249
Geocentric position (AU)	-0.00765353	+0.00692551	+0.00279448	
C/2007 N7	2007 07 13.97097	07 19 00.2	+20 10 00	3 249
Geocentric position (AU)	-0.00765920	+0.00692305	+0.00279220	
C/2007 N7	2007 07 13.98757	07 19 11.9	+20 12 02	3 249
Geocentric position (AU)	-0.00766144	+0.00692207	+0.00279129	
C/2007 N7	2007 07 14.01256	07 19 30.3	+20 15 21	3 249
Geocentric position (AU)	-0.00766483	+0.00692060	+0.00278992	
C/2007 N7	2007 07 14.02922	07 19 43.9	+20 18 38	3 249
Geocentric position (AU)	-0.00766708	+0.00691961	+0.00278900	
C/2007 N7	2007 07 14.07116	07 20 19.9	+20 24 28	3 249
Geocentric position (AU)	-0.00767274	+0.00691714	+0.00278670	
C/2007 N7	2007 07 14.09589	07 20 36.9	+20 27 46	3 249
Geocentric position (AU)	-0.00767608	+0.00691568	+0.00278535	
C/2007 N7	2007 07 14.11255	07 20 49.6	+20 30 24	3 249
Geocentric position (AU)	-0.00767832	+0.00691470	+0.00278443	
C/2007 N7	2007 07 14.17928	07 21 51.1	+20 40 52	3 249
Geocentric position (AU)	-0.00768730	+0.00691075	+0.00278077	
C/2007 N7	2007 07 14.22100	07 22 32.4	+20 47 39	3 249
Geocentric position (AU)	-0.00769290	+0.00690828	+0.00277848	
C/2007 N7	2007 07 14.23757	07 22 48.6	+20 51 06	3 249
Geocentric position (AU)	-0.00769513	+0.00690730	+0.00277757	
C/2007 N7	2007 07 14.26255	07 23 14.2	+20 55 00	3 249
Geocentric position (AU)	-0.00769847	+0.00690582	+0.00277620	
C/2007 N7	2007 07 14.27922	07 23 30.5	+20 57 57	3 249
Geocentric position (AU)	-0.00770070	+0.00690483	+0.00277529	
C/2007 N7	2007 07 14.31367	07 24 11.9	+21 04 11	2 249
Geocentric position (AU)	-0.00770532	+0.00690278	+0.00277339	
C/2007 N7	2007 07 14.32088	07 24 18.3	+21 05 55	3 249
Geocentric position (AU)	-0.00770628	+0.00690235	+0.00277300	
C/2007 N7	2007 07 14.33755	07 24 40.6	+21 08 52	2 249
Geocentric position (AU)	-0.00770851	+0.00690136	+0.00277208	
C/2007 N7	2007 07 14.35423	07 25 02.0	+21 12 11	2 249
Geocentric position (AU)	-0.00771073	+0.00690037	+0.00277116	
C/2007 N7	2007 07 14.37939	07 25 35.6	+21 17 27	2 249
Geocentric position (AU)	-0.00771409	+0.00689887	+0.00276978	

C/2007 N8 (SOHO)

C/2007 N8	2007 07 13.34589	07 14 38.3	+19 35 00	3 249
Geocentric position (AU)	-0.00757348	+0.00695957	+0.00282632	
C/2007 N8	2007 07 13.36255	07 14 48.2	+19 37 46	3 249
Geocentric position (AU)	-0.00757579	+0.00695860	+0.00282542	
C/2007 N8	2007 07 13.38755	07 15 04.9	+19 41 15	3 249
Geocentric position (AU)	-0.00757925	+0.00695715	+0.00282405	
C/2007 N8	2007 07 13.40422	07 15 15.8	+19 43 20	3 249
Geocentric position (AU)	-0.00758156	+0.00695619	+0.00282315	
C/2007 N8	2007 07 13.43053	07 15 34.3	+19 46 37	3 249
Geocentric position (AU)	-0.00758520	+0.00695466	+0.00282171	
C/2007 N8	2007 07 13.44588	07 15 43.6	+19 49 10	3 249
Geocentric position (AU)	-0.00758733	+0.00695377	+0.00282088	
C/2007 N8	2007 07 13.48755	07 16 16.4	+19 54 52	3 249
Geocentric position (AU)	-0.00759308	+0.00695134	+0.00281861	

C/2007 N8	2007 07 13.51255	07 16 29.4	+19 58 26	3 249
Geocentric position (AU)	-0.00759653	+0.00694989	+0.00281725	
C/2007 N8	2007 07 13.52922	07 16 43.8	+20 00 31	3 249
Geocentric position (AU)	-0.00759883	+0.00694892	+0.00281634	
C/2007 N8	2007 07 13.57090	07 17 15.4	+20 06 43	3 249
Geocentric position (AU)	-0.00760457	+0.00694649	+0.00281406	
C/2007 N8	2007 07 13.59589	07 17 27.4	+20 09 50	3 249
Geocentric position (AU)	-0.00760800	+0.00694503	+0.00281270	
C/2007 N8	2007 07 13.61255	07 17 48.2	+20 12 58	3 249
Geocentric position (AU)	-0.00761029	+0.00694406	+0.00281179	
C/2007 N8	2007 07 13.63755	07 18 05.8	+20 15 49	3 249
Geocentric position (AU)	-0.00761373	+0.00694260	+0.00281043	
C/2007 N8	2007 07 13.65422	07 18 16.6	+20 18 44	3 249
Geocentric position (AU)	-0.00761601	+0.00694163	+0.00280952	
C/2007 N8	2007 07 13.67923	07 18 40.6	+20 21 52	3 249
Geocentric position (AU)	-0.00761944	+0.00694017	+0.00280815	
C/2007 N8	2007 07 13.69589	07 18 53.9	+20 25 32	3 249
Geocentric position (AU)	-0.00762172	+0.00693919	+0.00280724	
C/2007 N8	2007 07 13.72088	07 19 14.8	+20 29 07	3 249
Geocentric position (AU)	-0.00762515	+0.00693773	+0.00280588	
C/2007 N8	2007 07 13.73757	07 19 29.5	+20 31 45	3 249
Geocentric position (AU)	-0.00762743	+0.00693675	+0.00280496	
C/2007 N8	2007 07 13.76257	07 19 50.5	+20 37 39	3 249
Geocentric position (AU)	-0.00763084	+0.00693529	+0.00280360	
C/2007 N8	2007 07 13.77922	07 20 05.3	+20 39 49	3 249
Geocentric position (AU)	-0.00763312	+0.00693431	+0.00280269	
C/2007 N8	2007 07 13.82089	07 20 44.7	+20 46 16	3 249
Geocentric position (AU)	-0.00763880	+0.00693187	+0.00280041	
C/2007 N8	2007 07 13.84589	07 21 13.3	+20 49 03	3 249
Geocentric position (AU)	-0.00764221	+0.00693040	+0.00279904	

C/2007 O1 (LINEAR)

C/2007 O1	2007 10 07.44519	19 30 13.13	-27 52 39.9	349
C/2007 O1	2007 10 07.44770	19 30 13.30	-27 52 40.4	17.5 T 349
C/2007 O1	2007 10 13.07690	19 36 12.77	-28 05 31.2	18.9 T 704
C/2007 O1	2007 10 13.08859	19 36 13.42	-28 05 32.4	19.3 T 704
C/2007 O1	2007 10 13.10024	19 36 14.26	-28 05 34.3	18.9 T 704
C/2007 O1	2007 10 13.11191	19 36 15.01	-28 05 35.4	19.2 T 704
C/2007 O1	2007 10 13.12358	19 36 15.84	-28 05 35.4	19.2 T 704

C/2007 O3 (SOHO)

C/2007 O3	2007 07 18.52922	07 35 22.3	+19 43 11	3 249
Geocentric position (AU)	-0.00821766	+0.00664411	+0.00253977	
C/2007 O3	2007 07 18.57089	07 35 51.3	+19 46 54	3 249
Geocentric position (AU)	-0.00822220	+0.00664151	+0.00253747	
C/2007 O3	2007 07 18.59588	07 36 17.6	+19 49 58	3 249
Geocentric position (AU)	-0.00822491	+0.00663996	+0.00253609	
C/2007 O3	2007 07 18.61257	07 36 32.3	+19 52 53	3 249
Geocentric position (AU)	-0.00822672	+0.00663892	+0.00253517	
C/2007 O3	2007 07 18.63755	07 36 57.8	+19 56 27	3 249
Geocentric position (AU)	-0.00822943	+0.00663736	+0.00253379	
C/2007 O3	2007 07 18.65422	07 37 15.8	+19 57 56	3 249
Geocentric position (AU)	-0.00823124	+0.00663632	+0.00253287	

C/2007 O3	2007 07 18.69589	07 37 55.6	+20 04 45	3 249
Geocentric position (AU)	-0.00823575	+0.00663372	+0.00253057	
C/2007 O3	2007 07 18.72088	07 38 16.0	+20 08 52	3 249
Geocentric position (AU)	-0.00823844	+0.00663217	+0.00252919	
C/2007 O3	2007 07 18.73755	07 38 40.1	+20 10 12	3 249
Geocentric position (AU)	-0.00824024	+0.00663113	+0.00252827	
C/2007 O3	2007 07 18.76255	07 39 09.9	+20 14 09	3 249
Geocentric position (AU)	-0.00824293	+0.00662957	+0.00252689	

C/2007 O4 (SOHO)

C/2007 O4	2007 07 27.22116	08 05 53.5	+17 05 03	3 249
Geocentric position (AU)	-0.00895727	+0.00614167	+0.00209531	
C/2007 O4	2007 07 27.23755	08 06 10.3	+17 07 31	3 249
Geocentric position (AU)	-0.00895833	+0.00614085	+0.00209457	
C/2007 O4	2007 07 27.26255	08 06 27.1	+17 09 13	3 249
Geocentric position (AU)	-0.00895995	+0.00613961	+0.00209345	
C/2007 O4	2007 07 27.27922	08 06 44.9	+17 12 11	3 249
Geocentric position (AU)	-0.00896102	+0.00613878	+0.00209270	
C/2007 O4	2007 07 27.32117	08 07 18.3	+17 15 19	3 249
Geocentric position (AU)	-0.00896372	+0.00613669	+0.00209082	
C/2007 O4	2007 07 27.34589	08 07 36.9	+17 17 56	3 249
Geocentric position (AU)	-0.00896531	+0.00613547	+0.00208971	
C/2007 O4	2007 07 27.36255	08 07 53.8	+17 20 26	3 249
Geocentric position (AU)	-0.00896638	+0.00613464	+0.00208896	
C/2007 O4	2007 07 27.38755	08 08 10.0	+17 22 41	3 249
Geocentric position (AU)	-0.00896799	+0.00613340	+0.00208784	
C/2007 O4	2007 07 27.40424	08 08 27.0	+17 24 33	3 249
Geocentric position (AU)	-0.00896905	+0.00613258	+0.00208710	
C/2007 O4	2007 07 27.43052	08 08 50.5	+17 28 00	3 249
Geocentric position (AU)	-0.00897074	+0.00613128	+0.00208592	
C/2007 O4	2007 07 27.44589	08 09 07.8	+17 29 55	3 249
Geocentric position (AU)	-0.00897172	+0.00613052	+0.00208523	
C/2007 O4	2007 07 27.47089	08 09 21.0	+17 30 27	3 249
Geocentric position (AU)	-0.00897332	+0.00612929	+0.00208412	
C/2007 O4	2007 07 27.48755	08 09 40.1	+17 33 41	3 249
Geocentric position (AU)	-0.00897438	+0.00612847	+0.00208338	
C/2007 O4	2007 07 27.51255	08 10 05.2	+17 36 46	3 249
Geocentric position (AU)	-0.00897597	+0.00612724	+0.00208226	
C/2007 O4	2007 07 27.52922	08 10 16.9	+17 38 21	3 249
Geocentric position (AU)	-0.00897703	+0.00612642	+0.00208152	
C/2007 O4	2007 07 27.57088	08 10 56.6	+17 43 11	3 249
Geocentric position (AU)	-0.00897968	+0.00612438	+0.00207967	
C/2007 O4	2007 07 27.59589	08 11 22.4	+17 46 21	3 249
Geocentric position (AU)	-0.00898126	+0.00612315	+0.00207856	
C/2007 O4	2007 07 27.61255	08 11 38.0	+17 48 35	3 249
Geocentric position (AU)	-0.00898232	+0.00612234	+0.00207782	
C/2007 O4	2007 07 27.63781	08 12 00.3	+17 51 47	3 249
Geocentric position (AU)	-0.00898392	+0.00612110	+0.00207670	
C/2007 O4	2007 07 27.67610	08 12 42.5	+17 56 32	3 249
Geocentric position (AU)	-0.00898634	+0.00611923	+0.00207500	
C/2007 O4	2007 07 27.69589	08 13 03.0	+17 59 32	3 249
Geocentric position (AU)	-0.00898759	+0.00611827	+0.00207413	

C/2007 O4	2007 07 27.72089	08 13 32.7	+18 02 34	3 249
Geocentric position (AU)	-0.00898916	+0.00611705	+0.00207302	
C/2007 O4	2007 07 27.73755	08 13 48.6	+18 04 51	3 249
Geocentric position (AU)	-0.00899021	+0.00611624	+0.00207228	
C/2007 O4	2007 07 27.76255	08 14 13.9	+18 07 42	3 249
Geocentric position (AU)	-0.00899178	+0.00611502	+0.00207118	
C/2007 O4	2007 07 27.77922	08 14 33.8	+18 10 27	3 249
Geocentric position (AU)	-0.00899283	+0.00611422	+0.00207045	

P/2007 Q2 (Gilmore)

P/2007 Q2	2007 09 18.95933	22 46 49.54	-06 15 57.6	19.2 N	130
P/2007 Q2	2007 09 18.96745	22 46 49.64	-06 16 03.5	19.0 N	130
P/2007 Q2	2007 09 21.15209	22 47 16.30	-06 40 41.3	19.1 N	850
P/2007 Q2	2007 09 21.18905	22 47 16.64	-06 41 06.0	19.4 N	850
P/2007 Q2	2007 09 21.22601	22 47 17.04	-06 41 29.9	19.9 N	850
P/2007 Q2	2007 09 21.26297	22 47 17.39	-06 41 54.6	19.9 N	850
P/2007 Q2	2007 09 30.17715	22 49 58.07	-08 11 03.6	20.0 T	691
P/2007 Q2	2007 09 30.19866	22 49 58.49	-08 11 15.5	20.0 T	691
P/2007 Q2	2007 09 30.22016	22 49 58.93	-08 11 27.0	20.1 T	691
P/2007 Q2	2007 10 01.74488	22 50 35.54	-08 24 37.7	18.0 T	585
P/2007 Q2	2007 10 01.75389	22 50 35.94	-08 24 42.1	18.1 T	585
P/2007 Q2	2007 10 01.76179	22 50 35.96	-08 24 48.0	18.9 N	585
P/2007 Q2	2007 10 04.26528	22 51 42.00	-08 44 51.9	18.8 T	673
P/2007 Q2	2007 10 04.27199	22 51 42.14	-08 44 54.7		673
P/2007 Q2	2007 10 04.27616	22 51 42.23	-08 44 56.5		673
P/2007 Q2	2007 10 04.28137	22 51 42.40	-08 44 58.7		673
P/2007 Q2	2007 10 07.78785	22 53 28.69	-09 09 59.8		246
P/2007 Q2	2007 10 07.78861	22 53 28.70	-09 10 00.7		246
P/2007 Q2	2007 10 07.78953	22 53 28.76	-09 10 01.4		246
P/2007 Q2	2007 10 07.79030	22 53 28.76	-09 10 01.9		246
P/2007 Q2	2007 10 07.79139	22 53 28.85	-09 10 02.0	18.5 T	246
P/2007 Q2	2007 10 07.79251	22 53 28.87	-09 10 02.1		246
P/2007 Q2	2007 10 09.79664	22 54 36.20	-09 22 36.4	18.1 T	585
P/2007 Q2	2007 10 09.80486	22 54 36.60	-09 22 41.3	18.1 T	585
P/2007 Q2	2007 10 09.81050	22 54 36.76	-09 22 42.2	18.2 T	585
P/2007 Q2	2007 10 09.81631	22 54 36.89	-09 22 47.6	18.2 T	585
P/2007 Q2	2007 10 11.09770	22 55 23.19	-09 30 04.8	19.8 T	691
P/2007 Q2	2007 10 11.10282	22 55 23.37	-09 30 06.2	19.7 T	691
P/2007 Q2	2007 10 11.11405	22 55 23.75	-09 30 09.7	20.3 T	691
P/2007 Q2	2007 10 11.11917	22 55 23.95	-09 30 11.5	19.9 T	691
P/2007 Q2	2007 10 11.12694	22 55 24.19	-09 30 14.2	20.0 T	691
P/2007 Q2	2007 10 11.13205	22 55 24.50	-09 30 15.5	19.6 T	691
P/2007 Q2	2007 10 13.09828	22 56 39.22	-09 40 30.6	20.9 T	691
P/2007 Q2	2007 10 13.11117	22 56 39.71	-09 40 35.7	20.0 T	691
P/2007 Q2	2007 10 13.12407	22 56 40.18	-09 40 39.5	20.0 T	691
P/2007 Q2	2007 10 13.60358	22 56 58.63	-09 42 48.6	19.9 N	415
P/2007 Q2	2007 10 13.61483	22 56 59.08	-09 42 51.9	19.3 N	415
P/2007 Q2	2007 10 15.22009	22 58 05.12	-09 50 13.7	20.2 T	703
P/2007 Q2	2007 10 15.22819	22 58 05.37	-09 50 15.6	20.9 T	703
P/2007 Q2	2007 10 15.23625	22 58 05.80	-09 50 17.3	20.3 T	703
P/2007 Q2	2007 10 15.24431	22 58 06.13	-09 50 19.2	21.0 T	703
P/2007 Q2	2007 10 15.77465	22 58 28.96	-09 52 32.8		246
P/2007 Q2	2007 10 15.77827	22 58 29.04	-09 52 33.6		246

P/2007 Q2	2007 10 15.77931	22 58 29.11	-09 52 34.0	246
P/2007 Q2	2007 10 15.78036	22 58 29.13	-09 52 35.2	246
P/2007 Q2	2007 10 15.78146	22 58 29.18	-09 52 35.3	246

C/2007 Q3 (Siding Spring)

C/2007 Q3	2007 09 24.64186	03 27 30.73	-50 16 53.1	17.5 T	423
C/2007 Q3	2007 09 24.68060	03 27 30.16	-50 17 08.8	17.5 T	423
C/2007 Q3	2007 10 01.65564	03 25 33.24	-51 03 33.8	17.4 T	423
C/2007 Q3	2007 10 01.68310	03 25 32.65	-51 03 44.4	17.4 T	423
C/2007 Q3	2007 10 02.60314	03 25 14.43	-51 09 36.7	17.5 N	415
C/2007 Q3	2007 10 02.61439	03 25 14.22	-51 09 41.0	17.6 N	415
C/2007 Q3	2007 10 02.66789	03 25 13.06	-51 10 01.3	17.3 T	423
C/2007 Q3	2007 10 02.68670	03 25 12.64	-51 10 08.4	17.4 T	423
C/2007 Q3	2007 10 04.65896	03 24 31.04	-51 22 29.3	17.2 T	423
C/2007 Q3	2007 10 04.68153	03 24 30.55	-51 22 37.7	17.2 T	423
C/2007 Q3	2007 10 08.66690	03 22 57.25	-51 46 35.0	17.1 N	474
C/2007 Q3	2007 10 08.67049	03 22 57.14	-51 46 36.3	17.5 N	474
C/2007 Q3	2007 10 08.67604	03 22 56.98	-51 46 37.6	17.4 N	474
C/2007 Q3	2007 10 13.65080	03 20 44.15	-52 14 22.0	17.3 T	423
C/2007 Q3	2007 10 13.67863	03 20 43.36	-52 14 31.0	17.2 T	423
C/2007 Q3	2007 10 13.70326	03 20 42.69	-52 14 39.3	18.3 N	415
C/2007 Q3	2007 10 13.71170	03 20 42.45	-52 14 42.3	18.4 N	415
C/2007 Q3	2007 10 14.67668	03 20 14.66	-52 19 46.2	17.2 T	E12
C/2007 Q3	2007 10 18.62970	03 18 14.45	-52 39 26.2	17.4 T	423
C/2007 Q3	2007 10 19.56701	03 17 44.54	-52 43 49.7	17.8 N	415
C/2007 Q3	2007 10 19.57829	03 17 44.20	-52 43 52.9	18.2 N	415
C/2007 Q3	2007 10 20.64690	03 17 09.35	-52 48 44.4	17.2 T	423
C/2007 Q3	2007 10 20.66834	03 17 08.59	-52 48 49.9	17.0 T	423

C/2007 Q4 (SOHO)

C/2007 Q4	2007 08 17.23769	09 22 24.0	+12 01 25	3 249
Geocentric position (AU)	-0.00989264	+0.00532649	+0.00139069	
C/2007 Q4	2007 08 17.26272	09 22 50.1	+12 03 19	3 249
Geocentric position (AU)	-0.00989318	+0.00532554	+0.00139005	
C/2007 Q4	2007 08 17.27938	09 23 08.6	+12 04 52	3 249
Geocentric position (AU)	-0.00989353	+0.00532491	+0.00138962	
C/2007 Q4	2007 08 17.32118	09 23 50.4	+12 07 29	3 249
Geocentric position (AU)	-0.00989442	+0.00532334	+0.00138855	
C/2007 Q4	2007 08 17.34603	09 24 19.1	+12 09 25	3 249
Geocentric position (AU)	-0.00989494	+0.00532240	+0.00138792	
C/2007 Q4	2007 08 17.36270	09 24 35.0	+12 10 16	3 249
Geocentric position (AU)	-0.00989529	+0.00532178	+0.00138749	
C/2007 Q4	2007 08 17.38771	09 25 01.8	+12 11 26	3 249
Geocentric position (AU)	-0.00989582	+0.00532083	+0.00138685	
C/2007 Q4	2007 08 17.40439	09 25 22.8	+12 12 48	3 249
Geocentric position (AU)	-0.00989617	+0.00532021	+0.00138643	
C/2007 Q4	2007 08 17.43097	09 25 50.2	+12 14 31	3 249
Geocentric position (AU)	-0.00989672	+0.00531921	+0.00138575	
C/2007 Q4	2007 08 17.44604	09 26 05.2	+12 15 31	3 249
Geocentric position (AU)	-0.00989703	+0.00531864	+0.00138537	
C/2007 Q4	2007 08 17.47103	09 26 32.9	+12 17 35	3 249
Geocentric position (AU)	-0.00989755	+0.00531770	+0.00138474	
C/2007 Q4	2007 08 17.48769	09 26 52.6	+12 18 50	3 249
Geocentric position (AU)	-0.00989790	+0.00531708	+0.00138431	

C/2007 Q4	2007 08	17.51270	09 27 21.9	+12 20 40	3 249
Geocentric position (AU)		-0.00989842	+0.00531614	+0.00138368	
C/2007 Q4	2007 08	17.52936	09 27 42.0	+12 21 55	3 249
Geocentric position (AU)		-0.00989876	+0.00531551	+0.00138326	
C/2007 Q4	2007 08	17.57116	09 28 30.0	+12 24 31	3 249
Geocentric position (AU)		-0.00989962	+0.00531395	+0.00138220	
C/2007 Q4	2007 08	17.59603	09 28 58.5	+12 26 50	3 249
Geocentric position (AU)		-0.00990013	+0.00531301	+0.00138158	
C/2007 Q4	2007 08	17.61270	09 29 19.8	+12 28 02	3 249
Geocentric position (AU)		-0.00990047	+0.00531239	+0.00138116	
C/2007 Q4	2007 08	17.63770	09 29 49.1	+12 30 05	3 249
Geocentric position (AU)		-0.00990097	+0.00531145	+0.00138053	
C/2007 Q4	2007 08	17.65437	09 30 09.5	+12 31 04	3 249
Geocentric position (AU)		-0.00990131	+0.00531083	+0.00138011	
C/2007 Q4	2007 08	17.67936	09 30 41.5	+12 33 12	3 249
Geocentric position (AU)		-0.00990182	+0.00530989	+0.00137948	
C/2007 Q4	2007 08	17.69604	09 31 03.2	+12 34 14	3 249
Geocentric position (AU)		-0.00990215	+0.00530927	+0.00137906	
C/2007 Q4	2007 08	17.72184	09 31 37.1	+12 36 44	3 249
Geocentric position (AU)		-0.00990267	+0.00530831	+0.00137842	
C/2007 Q4	2007 08	17.73856	09 31 57.4	+12 38 09	3 249
Geocentric position (AU)		-0.00990301	+0.00530768	+0.00137800	
C/2007 Q4	2007 08	17.76352	09 32 30.4	+12 40 25	3 249
Geocentric position (AU)		-0.00990351	+0.00530675	+0.00137737	
C/2007 Q4	2007 08	17.78031	09 32 53.6	+12 41 42	3 249
Geocentric position (AU)		-0.00990384	+0.00530612	+0.00137695	
C/2007 Q4	2007 08	17.80518	09 33 27.5	+12 43 25	3 249
Geocentric position (AU)		-0.00990434	+0.00530519	+0.00137633	
C/2007 Q4	2007 08	17.82184	09 33 51.3	+12 45 16	3 249
Geocentric position (AU)		-0.00990467	+0.00530457	+0.00137592	
C/2007 Q4	2007 08	17.84686	09 34 26.6	+12 47 08	3 249
Geocentric position (AU)		-0.00990517	+0.00530364	+0.00137529	
C/2007 Q4	2007 08	17.86350	09 34 53.5	+12 48 20	3 249
Geocentric position (AU)		-0.00990549	+0.00530302	+0.00137488	
C/2007 Q4	2007 08	17.89091	09 35 33.7	+12 51 24	3 249
Geocentric position (AU)		-0.00990603	+0.00530200	+0.00137420	
C/2007 Q4	2007 08	17.90736	09 36 01.0	+12 52 26	3 249
Geocentric position (AU)		-0.00990636	+0.00530138	+0.00137379	
C/2007 Q4	2007 08	17.93105	09 36 36.2	+12 55 10	3 249
Geocentric position (AU)		-0.00990682	+0.00530050	+0.00137320	
C/2007 Q4	2007 08	17.97111	09 37 41.3	+12 58 36	3 249
Geocentric position (AU)		-0.00990760	+0.00529901	+0.00137221	
C/2007 Q4	2007 08	17.98770	09 38 11.9	+13 00 30	3 249
Geocentric position (AU)		-0.00990793	+0.00529840	+0.00137180	

C/2007 Q5 (SOHO)

C/2007 Q5	2007 08	17.26272	09 22 50.1	+12 21 58	3 249
Geocentric position (AU)		-0.00989318	+0.00532554	+0.00139005	
C/2007 Q5	2007 08	17.27938	09 23 10.5	+12 23 21	3 249
Geocentric position (AU)		-0.00989353	+0.00532491	+0.00138962	
C/2007 Q5	2007 08	17.32118	09 23 54.6	+12 25 48	3 249
Geocentric position (AU)		-0.00989442	+0.00532334	+0.00138855	

C/2007 Q5	2007 08	17.34603	09 24 24.0	+12 27 26	3 249
Geocentric position (AU)		-0.00989494	+0.00532240	+0.00138792	
C/2007 Q5	2007 08	17.36270	09 24 40.7	+12 28 27	3 249
Geocentric position (AU)		-0.00989529	+0.00532178	+0.00138749	
C/2007 Q5	2007 08	17.38771	09 25 11.5	+12 30 09	3 249
Geocentric position (AU)		-0.00989582	+0.00532083	+0.00138685	
C/2007 Q5	2007 08	17.40439	09 25 31.7	+12 31 12	3 249
Geocentric position (AU)		-0.00989617	+0.00532021	+0.00138643	
C/2007 Q5	2007 08	17.43097	09 26 03.1	+12 33 12	3 249
Geocentric position (AU)		-0.00989672	+0.00531921	+0.00138575	
C/2007 Q5	2007 08	17.44604	09 26 19.8	+12 34 14	3 249
Geocentric position (AU)		-0.00989703	+0.00531864	+0.00138537	
C/2007 Q5	2007 08	17.47103	09 26 49.1	+12 35 58	3 249
Geocentric position (AU)		-0.00989755	+0.00531770	+0.00138474	
C/2007 Q5	2007 08	17.48769	09 27 12.6	+12 37 26	3 249
Geocentric position (AU)		-0.00989790	+0.00531708	+0.00138431	
C/2007 Q5	2007 08	17.51270	09 27 41.8	+12 39 13	3 249
Geocentric position (AU)		-0.00989842	+0.00531614	+0.00138368	
C/2007 Q5	2007 08	17.52936	09 28 05.2	+12 40 20	3 249
Geocentric position (AU)		-0.00989876	+0.00531551	+0.00138326	
C/2007 Q5	2007 08	17.57116	09 28 55.7	+12 43 02	3 249
Geocentric position (AU)		-0.00989962	+0.00531395	+0.00138220	
C/2007 Q5	2007 08	17.59603	09 29 26.5	+12 44 53	3 249
Geocentric position (AU)		-0.00990013	+0.00531301	+0.00138158	
C/2007 Q5	2007 08	17.61270	09 29 49.4	+12 46 25	3 249
Geocentric position (AU)		-0.00990047	+0.00531239	+0.00138116	
C/2007 Q5	2007 08	17.63770	09 30 24.3	+12 48 28	3 249
Geocentric position (AU)		-0.00990097	+0.00531145	+0.00138053	
C/2007 Q5	2007 08	17.65437	09 30 47.9	+12 49 23	3 249
Geocentric position (AU)		-0.00990131	+0.00531083	+0.00138011	
C/2007 Q5	2007 08	17.67936	09 31 20.0	+12 51 56	3 249
Geocentric position (AU)		-0.00990182	+0.00530989	+0.00137948	
C/2007 Q5	2007 08	17.69604	09 31 43.5	+12 52 31	3 249
Geocentric position (AU)		-0.00990215	+0.00530927	+0.00137906	
C/2007 Q5	2007 08	17.72184	09 32 19.3	+12 54 42	3 249
Geocentric position (AU)		-0.00990267	+0.00530831	+0.00137842	
C/2007 Q5	2007 08	17.73856	09 32 47.0	+12 55 48	3 249
Geocentric position (AU)		-0.00990301	+0.00530768	+0.00137800	
C/2007 Q5	2007 08	17.76352	09 33 22.2	+12 58 16	3 249
Geocentric position (AU)		-0.00990351	+0.00530675	+0.00137737	
C/2007 Q5	2007 08	17.78031	09 33 49.0	+12 59 28	3 249
Geocentric position (AU)		-0.00990384	+0.00530612	+0.00137695	
C/2007 Q5	2007 08	17.80518	09 34 23.5	+13 01 34	3 249
Geocentric position (AU)		-0.00990434	+0.00530519	+0.00137633	
C/2007 Q5	2007 08	17.82184	09 34 50.5	+13 03 03	3 249
Geocentric position (AU)		-0.00990467	+0.00530457	+0.00137592	
C/2007 Q5	2007 08	17.84686	09 35 32.3	+13 05 01	3 249
Geocentric position (AU)		-0.00990517	+0.00530364	+0.00137529	
C/2007 Q5	2007 08	17.86350	09 36 01.2	+13 06 25	3 249
Geocentric position (AU)		-0.00990549	+0.00530302	+0.00137488	
C/2007 Q5	2007 08	17.89091	09 36 47.6	+13 09 00	3 249
Geocentric position (AU)		-0.00990603	+0.00530200	+0.00137420	

C/2007 Q5 2007 08 17.90736 09 37 14.9 +13 10 34 3 249
 Geocentric position (AU) -0.00990636 +0.00530138 +0.00137379
 C/2007 Q5 2007 08 17.93105 09 37 58.6 +13 12 35 3 249
 Geocentric position (AU) -0.00990682 +0.00530050 +0.00137320

C/2007 Q6 (SOHO)

C/2007 Q6 2007 08 17.52936 09 28 05.3 +12 17 31 3 249
 Geocentric position (AU) -0.00989876 +0.00531551 +0.00138326
 C/2007 Q6 2007 08 17.57116 09 28 53.6 +12 20 04 3 249
 Geocentric position (AU) -0.00989962 +0.00531395 +0.00138220
 C/2007 Q6 2007 08 17.59603 09 29 23.9 +12 23 03 3 249
 Geocentric position (AU) -0.00990013 +0.00531301 +0.00138158
 C/2007 Q6 2007 08 17.61270 09 29 44.5 +12 24 03 3 249
 Geocentric position (AU) -0.00990047 +0.00531239 +0.00138116
 C/2007 Q6 2007 08 17.63770 09 30 16.2 +12 26 13 3 249
 Geocentric position (AU) -0.00990097 +0.00531145 +0.00138053
 C/2007 Q6 2007 08 17.65437 09 30 36.8 +12 27 46 3 249
 Geocentric position (AU) -0.00990131 +0.00531083 +0.00138011
 C/2007 Q6 2007 08 17.67936 09 31 08.9 +12 29 44 3 249
 Geocentric position (AU) -0.00990182 +0.00530989 +0.00137948
 C/2007 Q6 2007 08 17.69604 09 31 28.9 +12 30 56 3 249
 Geocentric position (AU) -0.00990215 +0.00530927 +0.00137906
 C/2007 Q6 2007 08 17.72184 09 32 01.5 +12 33 06 3 249
 Geocentric position (AU) -0.00990267 +0.00530831 +0.00137842
 C/2007 Q6 2007 08 17.73856 09 32 23.4 +12 34 51 3 249
 Geocentric position (AU) -0.00990301 +0.00530768 +0.00137800
 C/2007 Q6 2007 08 17.76352 09 32 56.7 +12 37 09 3 249
 Geocentric position (AU) -0.00990351 +0.00530675 +0.00137737
 C/2007 Q6 2007 08 17.78031 09 33 22.0 +12 38 24 3 249
 Geocentric position (AU) -0.00990384 +0.00530612 +0.00137695
 C/2007 Q6 2007 08 17.80518 09 33 58.0 +12 40 41 3 249
 Geocentric position (AU) -0.00990434 +0.00530519 +0.00137633
 C/2007 Q6 2007 08 17.82184 09 34 20.0 +12 42 09 3 249
 Geocentric position (AU) -0.00990467 +0.00530457 +0.00137592
 C/2007 Q6 2007 08 17.84686 09 34 57.3 +12 44 27 3 249
 Geocentric position (AU) -0.00990517 +0.00530364 +0.00137529
 C/2007 Q6 2007 08 17.86350 09 35 23.2 +12 46 13 3 249
 Geocentric position (AU) -0.00990549 +0.00530302 +0.00137488
 C/2007 Q6 2007 08 17.89091 09 36 06.5 +12 48 51 3 249
 Geocentric position (AU) -0.00990603 +0.00530200 +0.00137420
 C/2007 Q6 2007 08 17.90736 09 36 29.2 +12 50 20 3 249
 Geocentric position (AU) -0.00990636 +0.00530138 +0.00137379
 C/2007 Q6 2007 08 17.93105 09 37 05.1 +12 52 30 3 249
 Geocentric position (AU) -0.00990682 +0.00530050 +0.00137320

C/2007 Q7 (SOHO)

C/2007 Q7 2007 08 25.09605 09 50 10.4 +09 37 15 3 249
 Geocentric position (AU) -0.01000057 +0.00506126 +0.00123321
 C/2007 Q7 2007 08 25.11255 09 50 28.1 +09 38 39 3 249
 Geocentric position (AU) -0.01000073 +0.00506078 +0.00123298
 C/2007 Q7 2007 08 25.17926 09 51 40.0 +09 42 01 3 249
 Geocentric position (AU) -0.01000137 +0.00505884 +0.00123204
 C/2007 Q7 2007 08 25.22099 09 52 27.9 +09 44 31 3 249
 Geocentric position (AU) -0.01000177 +0.00505762 +0.00123146

C/2007 Q7 2007 08 25.23755 09 52 45.6 +09 44 57 3 249
 Geocentric position (AU) -0.01000193 +0.00505714 +0.00123123
 C/2007 Q7 2007 08 25.26255 09 53 13.7 +09 46 35 3 249
 Geocentric position (AU) -0.01000217 +0.00505642 +0.00123088
 C/2007 Q7 2007 08 25.27922 09 53 32.9 +09 47 21 3 249
 Geocentric position (AU) -0.01000233 +0.00505593 +0.00123065
 C/2007 Q7 2007 08 25.30422 09 54 01.0 +09 48 51 3 249
 Geocentric position (AU) -0.01000257 +0.00505521 +0.00123031
 C/2007 Q7 2007 08 25.32088 09 54 22.6 +09 49 46 3 249
 Geocentric position (AU) -0.01000273 +0.00505473 +0.00123008
 C/2007 Q7 2007 08 25.36255 09 55 10.9 +09 52 01 3 249
 Geocentric position (AU) -0.01000313 +0.00505352 +0.00122951
 C/2007 Q7 2007 08 25.40422 09 56 03.4 +09 54 21 3 249
 Geocentric position (AU) -0.01000353 +0.00505231 +0.00122894
 C/2007 Q7 2007 08 25.43307 09 56 37.8 +09 56 17 3 249
 Geocentric position (AU) -0.01000380 +0.00505148 +0.00122855
 C/2007 Q7 2007 08 25.44735 09 56 55.7 +09 57 01 3 249
 Geocentric position (AU) -0.01000394 +0.00505107 +0.00122835
 C/2007 Q7 2007 08 25.47089 09 57 26.1 +09 58 27 3 249
 Geocentric position (AU) -0.01000417 +0.00505039 +0.00122803
 C/2007 Q7 2007 08 25.48755 09 57 45.6 +09 59 34 3 249
 Geocentric position (AU) -0.01000433 +0.00504991 +0.00122781
 C/2007 Q7 2007 08 25.51255 09 58 17.8 +10 01 33 3 249
 Geocentric position (AU) -0.01000457 +0.00504919 +0.00122747
 C/2007 Q7 2007 08 25.52922 09 58 42.9 +10 02 15 3 249
 Geocentric position (AU) -0.01000473 +0.00504871 +0.00122725
 C/2007 Q7 2007 08 25.57089 09 59 37.1 +10 04 59 3 249
 Geocentric position (AU) -0.01000513 +0.00504751 +0.00122669
 C/2007 Q7 2007 08 25.59589 10 00 09.8 +10 06 24 3 249
 Geocentric position (AU) -0.01000537 +0.00504680 +0.00122635
 C/2007 Q7 2007 08 25.61255 10 00 35.0 +10 07 24 3 249
 Geocentric position (AU) -0.01000553 +0.00504632 +0.00122613
 C/2007 Q7 2007 08 25.63755 10 01 09.6 +10 09 12 3 249
 Geocentric position (AU) -0.01000577 +0.00504560 +0.00122580
 C/2007 Q7 2007 08 25.65423 10 01 32.9 +10 10 19 3 249
 Geocentric position (AU) -0.01000593 +0.00504512 +0.00122558
 C/2007 Q7 2007 08 25.67922 10 02 09.3 +10 12 06 3 249
 Geocentric position (AU) -0.01000617 +0.00504441 +0.00122524
 C/2007 Q7 2007 08 25.69589 10 02 33.8 +10 12 59 3 249
 Geocentric position (AU) -0.01000633 +0.00504393 +0.00122502
 C/2007 Q7 2007 08 25.72089 10 03 09.2 +10 15 01 3 249
 Geocentric position (AU) -0.01000658 +0.00504322 +0.00122469
 C/2007 Q7 2007 08 25.73755 10 03 39.6 +10 16 21 3 249
 Geocentric position (AU) -0.01000674 +0.00504274 +0.00122447
 C/2007 Q7 2007 08 25.76255 10 04 17.6 +10 18 26 3 249
 Geocentric position (AU) -0.01000698 +0.00504203 +0.00122415
 C/2007 Q7 2007 08 25.77922 10 04 43.0 +10 19 09 3 249
 Geocentric position (AU) -0.01000714 +0.00504155 +0.00122393
 C/2007 Q7 2007 08 25.80422 10 05 23.5 +10 20 58 3 249
 Geocentric position (AU) -0.01000738 +0.00504084 +0.00122360
 C/2007 Q7 2007 08 25.82089 10 05 52.4 +10 22 34 3 249
 Geocentric position (AU) -0.01000754 +0.00504036 +0.00122338

C/2007 Q7 2007 08 25.86255 10 07 03.4 +10 25 44 3 249
 Geocentric position (AU) -0.01000795 +0.00503918 +0.00122284

C/2007 Q8 (SOHO)

C/2007 Q8 2007 08 28.59588 10 05 09.9 +08 29 55 3 249
 Geocentric position (AU) -0.01003705 +0.00496374 +0.00119195
 C/2007 Q8 2007 08 28.61255 10 05 26.4 +08 31 08 3 249
 Geocentric position (AU) -0.01003725 +0.00496329 +0.00119179
 C/2007 Q8 2007 08 28.63756 10 05 59.6 +08 32 25 3 249
 Geocentric position (AU) -0.01003756 +0.00496261 +0.00119154
 C/2007 Q8 2007 08 28.65423 10 06 15.9 +08 33 32 3 249
 Geocentric position (AU) -0.01003776 +0.00496216 +0.00119138
 C/2007 Q8 2007 08 28.67922 10 06 43.2 +08 34 24 3 249
 Geocentric position (AU) -0.01003806 +0.00496148 +0.00119113
 C/2007 Q8 2007 08 28.72091 10 07 36.4 +08 37 06 3 249
 Geocentric position (AU) -0.01003857 +0.00496034 +0.00119073
 C/2007 Q8 2007 08 28.92922 10 12 09.3 +08 49 40 3 249
 Geocentric position (AU) -0.01004115 +0.00495467 +0.00118871
 C/2007 Q8 2007 08 28.98755 10 13 32.6 +08 53 39 3 249
 Geocentric position (AU) -0.01004188 +0.00495308 +0.00118815
 C/2007 Q8 2007 08 29.17923 10 18 27.3 +09 07 08 3 249
 Geocentric position (AU) -0.01004432 +0.00494785 +0.00118634
 C/2007 Q8 2007 08 29.19590 10 18 57.8 +09 09 01 3 249
 Geocentric position (AU) -0.01004453 +0.00494740 +0.00118618
 C/2007 Q8 2007 08 29.22088 10 19 39.6 +09 11 03 3 249
 Geocentric position (AU) -0.01004485 +0.00494671 +0.00118595

C/2007 Q9 (SOHO)

C/2007 Q9 2007 08 28.98755 10 07 14.2 +08 26 17 3 249
 Geocentric position (AU) -0.01004188 +0.00495308 +0.00118815
 C/2007 Q9 2007 08 29.17923 10 11 10.8 +08 36 53 3 249
 Geocentric position (AU) -0.01004432 +0.00494785 +0.00118634
 C/2007 Q9 2007 08 29.19590 10 11 33.6 +08 38 00 3 249
 Geocentric position (AU) -0.01004453 +0.00494740 +0.00118618
 C/2007 Q9 2007 08 29.22088 10 12 06.6 +08 39 17 3 249
 Geocentric position (AU) -0.01004485 +0.00494671 +0.00118595

P/2007 R1 (Larson)

P/2007 R1 2007 09 17.62516 00 05 12.26 +00 54 49.5 18.4 T 355
 P/2007 R1 2007 09 17.64398 00 05 11.67 +00 54 43.9 355
 P/2007 R1 2007 09 17.64744 00 05 11.54 +00 54 43.2 355
 P/2007 R1 2007 09 28.85906 00 00 02.72 +00 05 18.4 17.8 N 585
 P/2007 R1 2007 09 28.88413 00 00 01.86 +00 05 10.9 17.8 N 585
 P/2007 R1 2007 09 28.89400 00 00 01.64 +00 05 08.9 17.9 N 585
 P/2007 R1 2007 10 01.85657 23 58 41.19 -00 07 48.6 18.5 N 213
 P/2007 R1 2007 10 01.85961 23 58 41.13 -00 07 49.4 18.5 N 213
 P/2007 R1 2007 10 01.86114 23 58 41.09 -00 07 49.9 18.5 N 213
 P/2007 R1 2007 10 04.28472 23 57 36.52 -00 18 15.4 17.7 T 673
 P/2007 R1 2007 10 04.29051 23 57 36.35 -00 18 17.2 673
 P/2007 R1 2007 10 04.29861 23 57 36.13 -00 18 19.5 673
 P/2007 R1 2007 10 04.30347 23 57 36.00 -00 18 20.6 673
 P/2007 R1 2007 10 05.96387 23 56 52.71 -00 25 22.2 19.1 N J46
 P/2007 R1 2007 10 06.20254 23 56 46.51 -00 26 22.4 19.6 T 704
 P/2007 R1 2007 10 06.21339 23 56 46.24 -00 26 26.8 20.5 T 704

P/2007 R1 2007 10 06.22433 23 56 45.99 -00 26 27.8 20.6 T 704
 P/2007 R1 2007 10 06.23516 23 56 45.68 -00 26 31.2 20.3 T 704
 P/2007 R1 2007 10 06.24600 23 56 45.18 -00 26 34.7 20.2 T 704
 P/2007 R1 2007 10 07.86329 23 56 04.11 -00 33 19.2 246
 P/2007 R1 2007 10 07.86392 23 56 04.09 -00 33 19.5 246
 P/2007 R1 2007 10 07.86477 23 56 04.09 -00 33 19.6 246
 P/2007 R1 2007 10 07.86559 23 56 04.06 -00 33 19.6 246
 P/2007 R1 2007 10 07.86868 23 56 04.00 -00 33 19.9 246
 P/2007 R1 2007 10 09.84311 23 55 14.78 -00 41 25.1 17.8 T 585
 P/2007 R1 2007 10 09.84737 23 55 14.68 -00 41 27.7 17.9 T 585
 P/2007 R1 2007 10 09.85120 23 55 14.62 -00 41 30.0 17.8 T 585
 P/2007 R1 2007 10 10.27004 23 55 04.40 -00 43 08.9 17.7 T G96
 P/2007 R1 2007 10 10.27737 23 55 04.22 -00 43 11.0 17.7 T G96
 P/2007 R1 2007 10 10.28478 23 55 04.00 -00 43 12.7 18.2 T G96
 P/2007 R1 2007 10 10.29206 23 55 03.86 -00 43 14.2 17.7 T G96
 P/2007 R1 2007 10 10.84450 23 54 50.58 -00 45 27.0 246
 P/2007 R1 2007 10 10.84881 23 54 50.48 -00 45 28.2 246
 P/2007 R1 2007 10 10.85134 23 54 50.37 -00 45 29.8 246
 P/2007 R1 2007 10 10.85372 23 54 50.33 -00 45 29.6 246
 P/2007 R1 2007 10 10.86757 23 54 50.03 -00 45 33.3 246
 P/2007 R1 2007 10 10.86994 23 54 49.92 -00 45 33.5 246
 P/2007 R1 2007 10 10.87154 23 54 49.91 -00 45 34.3 246
 P/2007 R1 2007 10 10.87404 23 54 49.78 -00 45 34.7 246
 P/2007 R1 2007 10 10.87586 23 54 49.78 -00 45 35.9 246
 P/2007 R1 2007 10 11.22134 23 54 41.52 -00 46 58.0 19.9 T 704
 P/2007 R1 2007 10 11.23235 23 54 41.26 -00 47 00.4 20.1 T 704
 P/2007 R1 2007 10 11.24337 23 54 40.83 -00 47 02.7 20.3 T 704
 P/2007 R1 2007 10 11.26818 23 54 40.32 -00 47 08.5 17.7 T G96
 P/2007 R1 2007 10 11.27417 23 54 40.17 -00 47 09.8 17.6 T G96
 P/2007 R1 2007 10 11.28017 23 54 39.99 -00 47 11.5 17.7 T G96
 P/2007 R1 2007 10 11.28618 23 54 39.88 -00 47 13.0 17.5 T G96
 P/2007 R1 2007 10 12.15799 23 54 19.26 -00 50 39.1 18.0 T 703
 P/2007 R1 2007 10 12.16601 23 54 19.08 -00 50 40.8 17.6 T 703
 P/2007 R1 2007 10 12.17400 23 54 18.79 -00 50 43.5 17.6 T 703
 P/2007 R1 2007 10 12.18196 23 54 18.64 -00 50 44.3 17.5 T 703
 P/2007 R1 2007 10 12.20121 23 54 18.26 -00 50 49.9 291
 P/2007 R1 2007 10 12.21169 23 54 18.00 -00 50 52.2 291
 P/2007 R1 2007 10 12.22298 23 54 17.71 -00 50 54.8 291
 P/2007 R1 2007 10 12.29553 23 54 15.98 -00 51 12.3 18.1 T G96
 P/2007 R1 2007 10 12.30148 23 54 15.80 -00 51 13.4 17.4 T G96
 P/2007 R1 2007 10 12.30763 23 54 15.66 -00 51 14.9 17.7 T G96
 P/2007 R1 2007 10 12.31368 23 54 15.51 -00 51 15.9 17.5 T G96
 P/2007 R1 2007 10 13.75388 23 53 42.28 -00 56 50.1 19.1 N 104
 P/2007 R1 2007 10 13.76326 23 53 42.04 -00 56 53.6 19.2 N 104
 P/2007 R1 2007 10 13.77198 23 53 41.99 -00 56 55.0 19.2 N 104
 P/2007 R1 2007 10 13.88182 23 53 39.40 -00 57 21.9 18.9 N 157
 P/2007 R1 2007 10 14.21863 23 53 31.81 -00 58 38.7 17.8 T G96
 P/2007 R1 2007 10 14.22557 23 53 31.63 -00 58 40.2 17.7 T G96
 P/2007 R1 2007 10 14.23245 23 53 31.48 -00 58 41.6 17.8 T G96
 P/2007 R1 2007 10 14.23935 23 53 31.30 -00 58 43.1 18.2 T G96
 P/2007 R1 2007 10 14.80454 23 53 18.61 -01 00 50.3 17.3 N J70
 P/2007 R1 2007 10 14.80562 23 53 18.51 -01 00 51.8 17.3 N J70
 P/2007 R1 2007 10 14.80639 23 53 18.57 -01 00 51.5 17.0 N J70

2007 OCT. 26

M.P.C. 60885

P/2007 R1	2007 10 14.82578	23 53 18.20	-01 00 56.1		246
P/2007 R1	2007 10 14.82718	23 53 18.19	-01 00 56.0		246
P/2007 R1	2007 10 14.82799	23 53 18.18	-01 00 56.9		246
P/2007 R1	2007 10 14.82881	23 53 18.17	-01 00 56.1		246
P/2007 R1	2007 10 14.83027	23 53 18.15	-01 00 57.9		246
P/2007 R1	2007 10 15.22501	23 53 09.34	-01 02 26.4	17.4 T	G96
P/2007 R1	2007 10 15.23367	23 53 09.09	-01 02 28.2	17.4 T	G96
P/2007 R1	2007 10 15.24207	23 53 08.91	-01 02 30.4	17.5 T	G96
P/2007 R1	2007 10 15.25065	23 53 08.77	-01 02 32.4	17.5 T	G96
P/2007 R1	2007 10 15.25071	23 53 08.70	-01 02 31.8	18.0 T	703
P/2007 R1	2007 10 15.25932	23 53 08.48	-01 02 35.1	17.9 T	703
P/2007 R1	2007 10 15.26792	23 53 08.26	-01 02 35.6	17.9 T	703
P/2007 R1	2007 10 15.27650	23 53 08.12	-01 02 38.3	18.2 T	703
P/2007 R1	2007 10 15.86856	23 52 55.26	-01 04 51.3	19.8 N	A82
P/2007 R1	2007 10 15.87156	23 52 55.17	-01 04 51.9	19.8 N	A82
P/2007 R1	2007 10 15.87457	23 52 55.07	-01 04 52.6	19.6 N	A82
P/2007 R1	2007 10 19.82392	23 51 33.66	-01 18 59.7	18.7 N	473
P/2007 R1	2007 10 19.82613	23 51 33.55	-01 19 00.0	18.6 N	473

P/2007 R2 (Gibbs)

P/2007 R2	2007 09 17.70756	03 17 40.75	+18 41 25.1		355
P/2007 R2	2007 09 17.71218	03 17 41.17	+18 41 27.4	18.3 T	355
P/2007 R2	2007 09 17.71794	03 17 41.54	+18 41 29.5		355
P/2007 R2	2007 09 20.07623	03 20 45.36	+18 58 46.6	18.4 N	130
P/2007 R2	2007 09 20.08216	03 20 45.76	+18 58 48.9	18.4 N	130
P/2007 R2	2007 09 20.08810	03 20 46.17	+18 58 51.8	19.0 N	130
P/2007 R2	2007 09 20.09535	03 20 46.67	+18 58 55.1	18.9 N	130
P/2007 R2	2007 09 21.38843	03 22 20.70	+19 07 58.1	19.2 N	850
P/2007 R2	2007 09 21.40707	03 22 21.90	+19 08 05.9	19.6 N	850
P/2007 R2	2007 09 26.33655	03 27 36.64	+19 39 28.2	18.5 T	G96
P/2007 R2	2007 09 26.34307	03 27 37.00	+19 39 30.1	18.5 T	G96
P/2007 R2	2007 09 26.34951	03 27 37.36	+19 39 33.2	18.9 T	G96
P/2007 R2	2007 09 26.35612	03 27 37.72	+19 39 35.5	18.7 T	G96
P/2007 R2	2007 10 06.03654	03 34 18.62	+20 27 21.5	18.5 N	213
P/2007 R2	2007 10 06.05842	03 34 19.02	+20 27 26.8	18.5 N	213
P/2007 R2	2007 10 06.07848	03 34 19.53	+20 27 32.2	18.5 N	213
P/2007 R2	2007 10 07.39054	03 34 50.83	+20 32 37.7		691
P/2007 R2	2007 10 07.40819	03 34 51.15	+20 32 42.0		691
P/2007 R2	2007 10 07.42583	03 34 51.47	+20 32 45.9		691
P/2007 R2	2007 10 07.66722	03 34 56.91	+20 33 39.9		349
P/2007 R2	2007 10 07.67264	03 34 56.96	+20 33 40.7	18.5 T	349
P/2007 R2	2007 10 09.98252	03 35 37.08	+20 41 34.9	18.2 N	585
P/2007 R2	2007 10 09.99354	03 35 37.20	+20 41 37.0	18.3 N	585
P/2007 R2	2007 10 10.00035	03 35 37.25	+20 41 38.1	18.2 N	585
P/2007 R2	2007 10 12.14238	03 35 59.21	+20 48 08.2		118
P/2007 R2	2007 10 12.15046	03 35 59.29	+20 48 09.3		118
P/2007 R2	2007 10 13.00283	03 36 04.99	+20 50 38.2	19.4 N	J70
P/2007 R2	2007 10 13.00582	03 36 05.23	+20 50 33.3	19.5 N	J70
P/2007 R2	2007 10 13.00896	03 36 05.31	+20 50 35.6	19.7 N	J70
P/2007 R2	2007 10 13.98295	03 36 08.10	+20 53 03.1	18.9 N	157
P/2007 R2	2007 10 14.03480	03 36 08.12	+20 53 11.4	19.1 N	170
P/2007 R2	2007 10 14.03817	03 36 08.11	+20 53 12.0	19.3 N	170
P/2007 R2	2007 10 15.44602	03 36 06.79	+20 56 30.9	19.0 T	691

P/2007 R2	2007 10 15.46372	03 36 06.69	+20 56 33.8	19.0 T	691
P/2007 R2	2007 10 15.48145	03 36 06.51	+20 56 35.3	19.0 T	691
P/2007 R2	2007 10 16.03399	03 36 05.27	+20 57 44.2		246
P/2007 R2	2007 10 16.03470	03 36 05.24	+20 57 44.1		246
P/2007 R2	2007 10 16.03565	03 36 05.23	+20 57 45.1		246
P/2007 R2	2007 10 16.03765	03 36 05.21	+20 57 44.5		246
P/2007 R2	2007 10 16.03848	03 36 05.20	+20 57 44.5		246
P/2007 R2	2007 10 19.37840	03 35 36.28	+21 03 47.2	19.2 T	699
P/2007 R2	2007 10 19.40217	03 35 35.85	+21 03 50.0	18.9 T	699
P/2007 R2	2007 10 19.42598	03 35 35.36	+21 03 52.6	19.1 T	699
P/2007 R2	2007 10 19.44975	03 35 34.78	+21 03 54.8	19.1 T	699

P/2007 R3 (Gibbs)

P/2007 R3	2007 09 17.66076	00 40 00.04	+01 18 50.0	18.3 T	355
P/2007 R3	2007 09 17.66654	00 39 59.73	+01 18 48.8		355
P/2007 R3	2007 09 17.67115	00 39 59.55	+01 18 49.7		355
P/2007 R3	2007 09 21.30737	00 37 46.55	+01 10 21.7	19.5 N	850
P/2007 R3	2007 09 21.34509	00 37 45.03	+01 10 16.1	19.3 N	850
P/2007 R3	2007 10 04.33819	00 29 13.95	+00 39 20.4	18.6 T	673
P/2007 R3	2007 10 04.34502	00 29 13.64	+00 39 19.2		673
P/2007 R3	2007 10 04.34809	00 29 13.54	+00 39 18.6		673
P/2007 R3	2007 10 04.35231	00 29 13.36	+00 39 18.1		673
P/2007 R3	2007 10 06.91545	00 27 33.24	+00 33 43.1	19.0 N	213
P/2007 R3	2007 10 06.92175	00 27 32.99	+00 33 42.2	19.0 N	213
P/2007 R3	2007 10 06.92445	00 27 32.88	+00 33 41.9	19.0 N	213
P/2007 R3	2007 10 06.92884	00 27 32.85	+00 33 42.0	19.0 N	J47
P/2007 R3	2007 10 06.96981	00 27 31.22	+00 33 36.7	19.6 N	J46
P/2007 R3	2007 10 07.89361	00 26 55.63	+00 31 40.1		246
P/2007 R3	2007 10 07.89426	00 26 55.62	+00 31 39.4		246
P/2007 R3	2007 10 07.89545	00 26 55.61	+00 31 39.2		246
P/2007 R3	2007 10 07.89679	00 26 55.60	+00 31 38.9		246
P/2007 R3	2007 10 09.27755	00 26 03.01	+00 28 54.0	18.8 T	673
P/2007 R3	2007 10 09.28345	00 26 02.77	+00 28 53.1		673
P/2007 R3	2007 10 09.28773	00 26 02.60	+00 28 52.5		673
P/2007 R3	2007 10 09.29421	00 26 02.34	+00 28 51.5		673
P/2007 R3	2007 10 09.94316	00 25 38.06	+00 27 35.6	18.3 T	585
P/2007 R3	2007 10 15.82912	00 22 09.88	+00 17 40.5		246
P/2007 R3	2007 10 15.83037	00 22 09.86	+00 17 40.4		246
P/2007 R3	2007 10 15.83228	00 22 09.79	+00 17 40.0		246
P/2007 R3	2007 10 15.83314	00 22 09.76	+00 17 41.1		246
P/2007 R3	2007 10 15.83738	00 22 09.73	+00 17 40.5		246
P/2007 R3	2007 10 15.89341	00 22 07.81	+00 17 35.0	20.1 N	A82
P/2007 R3	2007 10 15.89802	00 22 07.65	+00 17 34.6	20.2 N	A82
P/2007 R3	2007 10 15.89892	00 22 07.61	+00 17 34.7	20.0 N	A82
P/2007 R3	2007 10 15.90423	00 22 07.39	+00 17 34.3	19.8 N	A82
P/2007 R3	2007 10 17.16447	00 21 26.55	+00 15 53.6	19.2 T	699
P/2007 R3	2007 10 17.18736	00 21 25.76	+00 15 51.5	19.1 T	699
P/2007 R3	2007 10 17.21019	00 21 25.07	+00 15 48.8	19.1 T	699
P/2007 R3	2007 10 17.23303	00 21 24.18	+00 15 46.9	19.0 T	699

P/2007 R4 (Garradd)

P/2007 R4	2007 10 01.58268	02 14 35.10	-27 16 23.9	18.2 T	423
P/2007 R4	2007 10 01.61992	02 14 34.27	-27 16 23.9	17.8 T	423
P/2007 R4	2007 10 02.60510	02 14 15.48	-27 15 54.6	17.9 T	423

P/2007 R4	2007 10 02.63218	02 14 14.88	-27 15 52.8	18.3 T	423
P/2007 R4	2007 10 04.37801	02 13 37.41	-27 14 12.4	18.0 T	673
P/2007 R4	2007 10 04.38310	02 13 37.34	-27 14 11.8		673
P/2007 R4	2007 10 04.39039	02 13 37.17	-27 14 10.8		673
P/2007 R4	2007 10 04.39734	02 13 36.99	-27 14 09.9		673
P/2007 R4	2007 10 04.59810	02 13 32.42	-27 13 43.7	18.4 T	423
P/2007 R4	2007 10 04.62932	02 13 31.63	-27 13 41.0	18.4 T	423
P/2007 R4	2007 10 08.65046	02 11 46.23	-27 04 08.8	19.1 N	4 474
P/2007 R4	2007 10 08.65394	02 11 46.10	-27 04 08.7	18.9 N	4 474
P/2007 R4	2007 10 10.00817	02 11 06.04	-26 59 33.8	16.5 T	585
P/2007 R4	2007 10 10.01606	02 11 05.64	-26 59 28.7	16.4 T	585
P/2007 R4	2007 10 10.02174	02 11 05.46	-26 59 23.3	16.3 T	585
P/2007 R4	2007 10 13.57555	02 09 10.69	-26 42 38.2	18.2 T	423
P/2007 R4	2007 10 13.61429	02 09 09.23	-26 42 26.2	18.4 T	423
P/2007 R4	2007 10 13.68411	02 09 06.75	-26 42 02.9	19.7 N	415
P/2007 R4	2007 10 13.68975	02 09 06.52	-26 42 01.2	19.5 N	415
P/2007 R4	2007 10 16.71981	02 07 19.63	-26 22 54.9	18.0 T	E12
P/2007 R4	2007 10 18.55161	02 06 13.04	-26 09 12.9	18.1 T	423
P/2007 R4	2007 10 18.59788	02 06 11.20	-26 08 50.8	17.9 T	423
P/2007 R4	2007 10 19.68782	02 05 30.54	-25 59 54.7	20.5 N	415
P/2007 R4	2007 10 19.69908	02 05 29.99	-25 59 48.5	19.9 N	415
P/2007 R4	2007 10 20.56877	02 04 57.71	-25 52 15.5	18.0 T	423
P/2007 R4	2007 10 20.61090	02 04 55.99	-25 51 51.8	18.0 T	423

C/2007 R6 (SOHO)

C/2007 R6	2007 09 01.07488	10 31 28.9	+08 00 03		2 249
Geocentric position (AU)	-0.01008792	+0.00486520	+0.00116093		
C/2007 R6	2007 09 01.08600	10 31 45.2	+08 02 01		2 249
Geocentric position (AU)	-0.01008811	+0.00486486	+0.00116084		
C/2007 R6	2007 09 01.09206	10 31 58.8	+08 01 56		2 249
Geocentric position (AU)	-0.01008821	+0.00486468	+0.00116079		
C/2007 R6	2007 09 01.10005	10 32 11.5	+08 02 31		2 249
Geocentric position (AU)	-0.01008835	+0.00486443	+0.00116072		
C/2007 R6	2007 09 01.10839	10 32 28.8	+08 03 55		2 249
Geocentric position (AU)	-0.01008850	+0.00486418	+0.00116065		
C/2007 R6	2007 09 01.11672	10 32 40.7	+08 04 30		2 249
Geocentric position (AU)	-0.01008864	+0.00486392	+0.00116058		
C/2007 R6	2007 09 01.12505	10 32 59.8	+08 05 39		2 249
Geocentric position (AU)	-0.01008878	+0.00486367	+0.00116051		
C/2007 R6	2007 09 01.13339	10 33 18.8	+08 06 25		2 249
Geocentric position (AU)	-0.01008893	+0.00486341	+0.00116044		

C/2007 R7 (SOHO)

C/2007 R7	2007 09 08.32088	10 52 12.8	+04 08 54		3 249
Geocentric position (AU)	-0.01023073	+0.00457485	+0.00108762		
C/2007 R7	2007 09 08.36255	10 53 15.3	+04 12 54		3 249
Geocentric position (AU)	-0.01023152	+0.00457271	+0.00108711		
C/2007 R7	2007 09 08.40422	10 54 16.8	+04 17 16		3 249
Geocentric position (AU)	-0.01023231	+0.00457057	+0.00108660		
C/2007 R7	2007 09 08.43306	10 54 59.1	+04 20 26		3 249
Geocentric position (AU)	-0.01023285	+0.00456909	+0.00108624		
C/2007 R7	2007 09 08.44732	10 55 22.6	+04 21 48		3 249
Geocentric position (AU)	-0.01023312	+0.00456836	+0.00108606		

C/2007 R7	2007 09 08.47088	10 55 59.9	+04 24 37		3 249
Geocentric position (AU)	-0.01023356	+0.00456714	+0.00108577		
C/2007 R7	2007 09 08.51255	10 57 06.0	+04 29 32		3 249
Geocentric position (AU)	-0.01023434	+0.00456499	+0.00108525		
C/2007 R7	2007 09 08.52922	10 57 32.3	+04 31 37		3 249
Geocentric position (AU)	-0.01023466	+0.00456413	+0.00108505		
C/2007 R7	2007 09 08.62088	11 00 18.5	+04 43 37		2 249
Geocentric position (AU)	-0.01023637	+0.00455937	+0.00108390		
C/2007 R7	2007 09 08.62922	11 00 29.6	+04 45 11		2 249
Geocentric position (AU)	-0.01023652	+0.00455893	+0.00108380		

C/2007 R8 (SOHO)

C/2007 R8	2007 09 09.86255	10 53 45.4	+04 31 30		3 249
Geocentric position (AU)	-0.01025853	+0.00449242	+0.00106800		
C/2007 R8	2007 09 09.88780	10 54 20.5	+04 32 48		3 249
Geocentric position (AU)	-0.01025896	+0.00449101	+0.00106766		
C/2007 R8	2007 09 09.90422	10 54 42.0	+04 33 35		3 249
Geocentric position (AU)	-0.01025924	+0.00449009	+0.00106745		
C/2007 R8	2007 09 09.92923	10 55 16.4	+04 33 46		3 249
Geocentric position (AU)	-0.01025966	+0.00448869	+0.00106712		
C/2007 R8	2007 09 09.97097	10 56 17.3	+04 35 52		3 249
Geocentric position (AU)	-0.01026037	+0.00448635	+0.00106657		
C/2007 R8	2007 09 09.98755	10 56 44.2	+04 37 14		3 249
Geocentric position (AU)	-0.01026065	+0.00448542	+0.00106635		
C/2007 R8	2007 09 10.01255	10 57 19.1	+04 38 11		3 249
Geocentric position (AU)	-0.01026107	+0.00448402	+0.00106602		
C/2007 R8	2007 09 10.02922	10 57 47.1	+04 38 40		3 249
Geocentric position (AU)	-0.01026135	+0.00448308	+0.00106580		
C/2007 R8	2007 09 10.07088	10 58 51.6	+04 41 02		3 249
Geocentric position (AU)	-0.01026204	+0.00448074	+0.00106525		
C/2007 R8	2007 09 10.09589	10 59 31.0	+04 41 51		3 249
Geocentric position (AU)	-0.01026246	+0.00447933	+0.00106492		
C/2007 R8	2007 09 10.11255	10 59 57.6	+04 42 53		3 249
Geocentric position (AU)	-0.01026274	+0.00447839	+0.00106470		
C/2007 R8	2007 09 10.13756	11 00 38.5	+04 44 31		3 249
Geocentric position (AU)	-0.01026315	+0.00447697	+0.00106437		
C/2007 R8	2007 09 10.15449	11 01 03.8	+04 45 11		3 249
Geocentric position (AU)	-0.01026344	+0.00447602	+0.00106415		
C/2007 R8	2007 09 10.17922	11 01 47.8	+04 46 25		3 249
Geocentric position (AU)	-0.01026385	+0.00447461	+0.00106382		
C/2007 R8	2007 09 10.19588	11 02 16.1	+04 47 33		3 249
Geocentric position (AU)	-0.01026412	+0.00447367	+0.00106360		

C/2007 R9 (SOHO)

C/2007 R9	2007 09 13.44589	11 07 49.6	+03 02 23		3 249
Geocentric position (AU)	-0.01030943	+0.00427417	+0.00101898		
C/2007 R9	2007 09 13.47088	11 08 29.4	+03 03 30		3 249
Geocentric position (AU)	-0.01030971	+0.00427254	+0.00101863		
C/2007 R9	2007 09 13.48756	11 08 47.7	+03 05 58		3 249
Geocentric position (AU)	-0.01030990	+0.00427145	+0.00101839		
C/2007 R9	2007 09 13.51255	11 09 29.8	+03 05 11		3 249
Geocentric position (AU)	-0.01031018	+0.00426982	+0.00101804		
C/2007 R9	2007 09 13.52922	11 09 55.0	+03 06 23		3 249
Geocentric position (AU)	-0.01031037	+0.00426873	+0.00101781		

C/2007 R9	2007 09 13.57090	11 11 01.0	+03 08 27	3 249
Geocentric position (AU)	-0.01031083	+0.00426601	+0.00101722	
C/2007 R9	2007 09 13.59589	11 11 36.6	+03 09 54	3 249
Geocentric position (AU)	-0.01031111	+0.00426437	+0.00101686	
C/2007 R9	2007 09 13.61255	11 12 02.2	+03 11 01	3 249
Geocentric position (AU)	-0.01031129	+0.00426328	+0.00101663	
C/2007 R9	2007 09 13.63755	11 12 42.7	+03 12 07	3 249
Geocentric position (AU)	-0.01031157	+0.00426164	+0.00101627	
C/2007 R9	2007 09 13.65422	11 13 11.9	+03 13 00	3 249
Geocentric position (AU)	-0.01031175	+0.00426055	+0.00101604	
C/2007 R9	2007 09 13.67922	11 13 52.7	+03 14 55	3 249
Geocentric position (AU)	-0.01031202	+0.00425891	+0.00101568	
C/2007 R9	2007 09 13.69588	11 14 21.2	+03 15 41	3 249
Geocentric position (AU)	-0.01031221	+0.00425781	+0.00101545	
C/2007 R9	2007 09 13.72090	11 15 01.0	+03 17 54	3 249
Geocentric position (AU)	-0.01031248	+0.00425617	+0.00101509	
C/2007 R9	2007 09 13.73781	11 15 34.4	+03 18 27	3 249
Geocentric position (AU)	-0.01031266	+0.00425505	+0.00101485	
C/2007 R9	2007 09 13.76255	11 16 14.8	+03 20 00	3 249
Geocentric position (AU)	-0.01031293	+0.00425342	+0.00101450	

C/2007 R10 (SOHO)

C/2007 R10	2007 09 14.93755	11 25 45.6	+05 13 03	2 249
Geocentric position (AU)	-0.01032450	+0.00417453	+0.00099781	
C/2007 R10	2007 09 14.96255	11 26 36.1	+05 14 46	2 249
Geocentric position (AU)	-0.01032472	+0.00417282	+0.00099746	
C/2007 R10	2007 09 14.97922	11 27 06.2	+05 16 52	2 249
Geocentric position (AU)	-0.01032487	+0.00417168	+0.00099722	
C/2007 R10	2007 09 14.99589	11 27 39.7	+05 19 37	2 249
Geocentric position (AU)	-0.01032502	+0.00417053	+0.00099698	
C/2007 R10	2007 09 15.00422	11 27 52.4	+05 17 28	2 249
Geocentric position (AU)	-0.01032509	+0.00416996	+0.00099686	
C/2007 R10	2007 09 15.02089	11 28 17.8	+05 19 39	2 249
Geocentric position (AU)	-0.01032524	+0.00416882	+0.00099663	

P/2007 S1 (Zhao)

P/2007 S1	2007 09 24.41749	00 44 09.96	-02 42 51.4	291
P/2007 S1	2007 09 24.42134	00 44 09.69	-02 42 53.7	291
P/2007 S1	2007 09 24.42503	00 44 09.53	-02 42 55.2	291
P/2007 S1	2007 10 01.77803	00 39 52.40	-03 29 00.7	18.5 N 585
P/2007 S1	2007 10 01.78877	00 39 52.02	-03 29 04.8	18.3 N 585
P/2007 S1	2007 10 01.80669	00 39 51.18	-03 29 10.7	18.4 N 585
P/2007 S1	2007 10 04.31586	00 38 20.26	-03 44 04.5	18.5 T 673
P/2007 S1	2007 10 04.33079	00 38 19.70	-03 44 09.8	673
P/2007 S1	2007 10 04.35671	00 38 18.67	-03 44 18.5	673
P/2007 S1	2007 10 04.36366	00 38 18.41	-03 44 21.3	673
P/2007 S1	2007 10 05.95843	00 37 20.55	-03 53 35.7	19.1 N 213
P/2007 S1	2007 10 05.96219	00 37 20.42	-03 53 36.4	19.4 N 213
P/2007 S1	2007 10 07.01463	00 36 42.35	-03 59 35.0	J47
P/2007 S1	2007 10 07.06065	00 36 40.55	-03 59 51.1	J47
P/2007 S1	2007 10 07.09709	00 36 39.13	-04 00 02.4	J47
P/2007 S1	2007 10 09.58998	00 35 09.92	-04 13 41.9	18.0 T D29
P/2007 S1	2007 10 09.61446	00 35 08.92	-04 13 50.2	17.8 T D29
P/2007 S1	2007 10 09.63382	00 35 08.27	-04 13 56.6	17.6 T D29

P/2007 S1	2007 10 09.65408	00 35 07.53	-04 14 02.0	17.6 T D29
P/2007 S1	2007 10 09.67265	00 35 06.78	-04 14 09.7	17.3 T D29
P/2007 S1	2007 10 09.69162	00 35 06.20	-04 14 14.0	17.8 T D29
P/2007 S1	2007 10 09.71050	00 35 05.40	-04 14 19.9	17.5 T D29
P/2007 S1	2007 10 09.73771	00 35 04.42	-04 14 28.9	16.9 T D29
P/2007 S1	2007 10 09.91582	00 34 58.06	-04 15 21.2	18.2 T 585
P/2007 S1	2007 10 09.92672	00 34 57.95	-04 15 29.9	18.7 N 585
P/2007 S1	2007 10 09.93097	00 34 57.70	-04 15 33.0	18.8 N 585
P/2007 S1	2007 10 14.85797	00 32 08.24	-04 39 52.8	246
P/2007 S1	2007 10 14.85882	00 32 08.16	-04 39 53.2	246
P/2007 S1	2007 10 14.85978	00 32 08.16	-04 39 54.1	246
P/2007 S1	2007 10 14.86096	00 32 08.12	-04 39 55.2	246
P/2007 S1	2007 10 15.87222	00 31 34.91	-04 44 26.7	19.6 N A77
P/2007 S1	2007 10 15.90598	00 31 33.74	-04 44 35.9	19.5 N A77
P/2007 S1	2007 10 15.90721	00 31 33.67	-04 44 36.3	246
P/2007 S1	2007 10 15.90852	00 31 33.63	-04 44 36.6	246
P/2007 S1	2007 10 15.91177	00 31 33.44	-04 44 38.8	246
P/2007 S1	2007 10 15.91483	00 31 33.39	-04 44 39.1	246
P/2007 S1	2007 10 16.83420	00 31 03.87	-04 48 35.4	18.9 N A77
P/2007 S1	2007 10 16.85241	00 31 03.29	-04 48 43.7	18.6 N A77

C/2007 S2 (Lemmon)

C/2007 S2	2007 09 25.49148	08 21 53.89	+19 54 08.5	18.9 N G96
C/2007 S2	2007 09 25.49833	08 21 54.14	+19 54 07.0	19.1 N G96
C/2007 S2	2007 09 25.50520	08 21 54.39	+19 54 05.6	19.1 N G96
C/2007 S2	2007 09 25.51204	08 21 54.68	+19 54 04.4	18.8 N G96
C/2007 S2	2007 09 26.48545	08 22 30.43	+19 50 46.1	19.2 N G96
C/2007 S2	2007 09 26.48618	08 22 30.43	+19 50 46.9	19.0 N G96
C/2007 S2	2007 09 26.49108	08 22 30.64	+19 50 45.0	19.2 N G96
C/2007 S2	2007 09 26.49174	08 22 30.65	+19 50 45.4	19.2 N G96
C/2007 S2	2007 09 26.49664	08 22 30.82	+19 50 44.0	19.1 N G96
C/2007 S2	2007 09 26.49729	08 22 30.86	+19 50 44.1	19.2 N G96
C/2007 S2	2007 09 26.50215	08 22 31.04	+19 50 42.7	18.7 N G96
C/2007 S2	2007 09 26.50281	08 22 31.02	+19 50 42.7	18.8 N G96
C/2007 S2	2007 09 27.14433	08 22 54.38	+19 48 32.9	J95
C/2007 S2	2007 09 27.16953	08 22 55.26	+19 48 28.4	J95
C/2007 S2	2007 09 27.19298	08 22 56.11	+19 48 22.2	18.9 N J95
C/2007 S2	2007 09 27.49248	08 23 07.00	+19 47 21.8	19.1 N G96
C/2007 S2	2007 09 27.49623	08 23 07.15	+19 47 21.1	18.9 N G96
C/2007 S2	2007 09 27.50007	08 23 07.29	+19 47 20.3	19.3 N G96
C/2007 S2	2007 09 27.50389	08 23 07.44	+19 47 19.5	19.4 N G96
C/2007 S2	2007 09 27.85090	08 23 19.87	+19 46 10.5	19.1 T D35
C/2007 S2	2007 09 27.85199	08 23 19.99	+19 46 09.7	19.1 T D35
C/2007 S2	2007 09 27.85304	08 23 20.03	+19 46 09.7	19.1 T D35
C/2007 S2	2007 09 28.42017	08 23 40.37	+19 44 14.0	18.9 N H55
C/2007 S2	2007 09 28.43322	08 23 40.80	+19 44 11.0	18.7 N H55
C/2007 S2	2007 09 28.44047	08 23 41.06	+19 44 10.6	19.1 N H55
C/2007 S2	2007 09 28.44699	08 23 41.28	+19 44 09.0	19.0 N H55
C/2007 S2	2007 09 29.43941	08 24 16.53	+19 40 48.1	18.9 N H55
C/2007 S2	2007 09 29.44374	08 24 16.69	+19 40 47.3	19.1 N H55
C/2007 S2	2007 09 29.44808	08 24 16.86	+19 40 46.3	18.9 N H55
C/2007 S2	2007 09 30.09051	08 24 39.48	+19 38 37.0	18.9 N 473
C/2007 S2	2007 09 30.11936	08 24 40.50	+19 38 31.4	18.7 N 473

C/2007 S2	2007 09 30.12205	08 24 40.52	+19 38 29.9		118
C/2007 S2	2007 09 30.13120	08 24 40.82	+19 38 28.6		118
C/2007 S2	2007 09 30.14326	08 24 41.33	+19 38 25.6	19.0 N	473
C/2007 S2	2007 09 30.43576	08 24 51.50	+19 37 27.6	18.9 N	H55
C/2007 S2	2007 09 30.44188	08 24 51.76	+19 37 26.4	19.2 N	H55
C/2007 S2	2007 09 30.44728	08 24 51.83	+19 37 25.7	18.8 N	H55
C/2007 S2	2007 09 30.45118	08 24 52.02	+19 37 24.2	18.8 N	H55
C/2007 S2	2007 09 30.46424	08 24 52.52	+19 37 21.9	19.0 N	673
C/2007 S2	2007 09 30.46817	08 24 52.65	+19 37 21.2		673
C/2007 S2	2007 09 30.47488	08 24 52.90	+19 37 20.0		673
C/2007 S2	2007 09 30.48206	08 24 53.14	+19 37 18.2		673
C/2007 S2	2007 09 30.48657	08 24 53.29	+19 37 17.5		673
C/2007 S2	2007 10 01.13075	08 25 15.63	+19 35 07.8		118
C/2007 S2	2007 10 01.13684	08 25 15.84	+19 35 06.2		118
C/2007 S2	2007 10 01.14276	08 25 16.03	+19 35 05.0		118
C/2007 S2	2007 10 01.45600	08 25 26.82	+19 34 02.2	18.8 N	734
C/2007 S2	2007 10 01.46037	08 25 26.99	+19 34 01.5	19.0 N	734
C/2007 S2	2007 10 01.46896	08 25 27.29	+19 33 59.8	18.9 N	734
C/2007 S2	2007 10 03.44644	08 26 34.48	+19 27 24.5	18.8 N	734
C/2007 S2	2007 10 03.45008	08 26 34.60	+19 27 23.8	18.3 N	734
C/2007 S2	2007 10 03.45139	08 26 34.69	+19 27 24.4	19.3 T	673
C/2007 S2	2007 10 03.45368	08 26 34.72	+19 27 23.0	18.7 N	734
C/2007 S2	2007 10 03.45728	08 26 34.82	+19 27 22.3	18.7 N	734
C/2007 S2	2007 10 03.47060	08 26 35.35	+19 27 20.8		673
C/2007 S2	2007 10 03.48484	08 26 35.83	+19 27 17.5		673
C/2007 S2	2007 10 03.50637	08 26 36.54	+19 27 13.3		673
C/2007 S2	2007 10 03.51852	08 26 36.95	+19 27 11.2		673
C/2007 S2	2007 10 03.53449	08 26 37.46	+19 27 08.1		673
C/2007 S2	2007 10 06.12642	08 28 02.73	+19 18 34.2	18.5 N	213
C/2007 S2	2007 10 06.13864	08 28 03.11	+19 18 30.9	18.5 N	213
C/2007 S2	2007 10 06.78112	08 28 23.74	+19 16 25.4		349
C/2007 S2	2007 10 06.78473	08 28 23.86	+19 16 24.5	18.3 T	349
C/2007 S2	2007 10 08.42844	08 29 15.67	+19 11 02.5	18.9 T	704
C/2007 S2	2007 10 08.43966	08 29 16.01	+19 10 59.8	19.2 T	704
C/2007 S2	2007 10 08.45090	08 29 16.40	+19 10 58.3	19.1 T	704
C/2007 S2	2007 10 08.46211	08 29 16.74	+19 10 55.4	19.2 T	704
C/2007 S2	2007 10 08.47334	08 29 17.06	+19 10 53.8	19.3 T	704
C/2007 S2	2007 10 09.50220	08 29 48.91	+19 07 33.9	17.8 T	673
C/2007 S2	2007 10 09.50787	08 29 49.08	+19 07 32.7		673
C/2007 S2	2007 10 09.51771	08 29 49.38	+19 07 30.4		673
C/2007 S2	2007 10 09.52292	08 29 49.54	+19 07 29.5		673
C/2007 S2	2007 10 10.04113	08 30 05.33	+19 05 53.3	17.8 N	585
C/2007 S2	2007 10 10.04919	08 30 05.60	+19 05 48.9	17.8 N	585
C/2007 S2	2007 10 10.05645	08 30 05.83	+19 05 43.0	18.0 N	585
C/2007 S2	2007 10 10.06369	08 30 06.32	+19 05 39.6	17.8 N	585
C/2007 S2	2007 10 11.44992	08 30 47.65	+19 01 16.1	19.6 T	704
C/2007 S2	2007 10 11.46118	08 30 47.94	+19 01 13.7	19.5 T	704
C/2007 S2	2007 10 11.47245	08 30 48.23	+19 01 12.1	19.6 T	704
C/2007 S2	2007 10 13.45738	08 31 46.12	+18 54 53.6	19.2 T	703
C/2007 S2	2007 10 13.46501	08 31 46.23	+18 54 51.6	19.3 T	703
C/2007 S2	2007 10 13.47262	08 31 46.48	+18 54 49.8	19.1 T	703
C/2007 S2	2007 10 13.48022	08 31 46.74	+18 54 48.4	19.3 T	703

C/2007 S2	2007 10 22.15386	08 35 34.37	+18 27 59.7		204
C/2007 S2	2007 10 22.18621	08 35 35.12	+18 27 53.8	18.5 N	204

C/2007 S3 (SOHO)

C/2007 S3	2007 09 16.11255	11 17 46.3	+01 58 49		3 249
Geocentric position (AU)	-0.01033398	+0.00409279	+0.00098111		
C/2007 S3	2007 09 16.13755	11 18 20.3	+02 00 18		3 249
Geocentric position (AU)	-0.01033416	+0.00409102	+0.00098075		
C/2007 S3	2007 09 16.15422	11 18 47.7	+02 01 25		3 249
Geocentric position (AU)	-0.01033428	+0.00408984	+0.00098052		
C/2007 S3	2007 09 16.17922	11 19 24.1	+02 02 39		3 249
Geocentric position (AU)	-0.01033446	+0.00408807	+0.00098016		
C/2007 S3	2007 09 16.22098	11 20 28.2	+02 03 47		3 249
Geocentric position (AU)	-0.01033476	+0.00408511	+0.00097957		
C/2007 S3	2007 09 16.23757	11 20 54.8	+02 06 01		3 249
Geocentric position (AU)	-0.01033488	+0.00408394	+0.00097934		
C/2007 S3	2007 09 16.26255	11 21 33.7	+02 06 32		3 249
Geocentric position (AU)	-0.01033506	+0.00408216	+0.00097898		
C/2007 S3	2007 09 16.27922	11 22 02.3	+02 07 17		3 249
Geocentric position (AU)	-0.01033517	+0.00408098	+0.00097874		
C/2007 S3	2007 09 16.32088	11 23 05.2	+02 09 48		3 249
Geocentric position (AU)	-0.01033546	+0.00407802	+0.00097815		
C/2007 S3	2007 09 16.34589	11 23 46.6	+02 10 54		3 249
Geocentric position (AU)	-0.01033564	+0.00407624	+0.00097780		
C/2007 S3	2007 09 16.38755	11 25 01.8	+02 13 06		3 249
Geocentric position (AU)	-0.01033593	+0.00407327	+0.00097721		
C/2007 S3	2007 09 16.40422	11 25 23.4	+02 14 14		3 249
Geocentric position (AU)	-0.01033604	+0.00407209	+0.00097697		

C/2007 S4 (SOHO)

C/2007 S4	2007 09 23.76255	11 47 41.1	-01 38 14		3 249
Geocentric position (AU)	-0.01036521	+0.00349820	+0.00087429		
C/2007 S4	2007 09 23.77922	11 48 10.1	-01 37 14		3 249
Geocentric position (AU)	-0.01036527	+0.00349677	+0.00087405		
C/2007 S4	2007 09 23.82089	11 49 20.0	-01 34 03		3 249
Geocentric position (AU)	-0.01036540	+0.00349321	+0.00087346		
C/2007 S4	2007 09 23.84589	11 49 55.4	-01 32 12		3 249
Geocentric position (AU)	-0.01036549	+0.00349108	+0.00087310		
C/2007 S4	2007 09 23.86255	11 50 18.9	-01 31 27		3 249
Geocentric position (AU)	-0.01036554	+0.00348965	+0.00087286		
C/2007 S4	2007 09 23.88782	11 50 59.7	-01 28 31		3 249
Geocentric position (AU)	-0.01036563	+0.00348749	+0.00087250		
C/2007 S4	2007 09 23.90422	11 51 25.5	-01 27 09		3 249
Geocentric position (AU)	-0.01036568	+0.00348608	+0.00087226		
C/2007 S4	2007 09 23.92922	11 52 05.2	-01 25 37		3 249
Geocentric position (AU)	-0.01036576	+0.00348394	+0.00087191		
C/2007 S4	2007 09 23.97097	11 53 15.6	-01 21 25		3 249
Geocentric position (AU)	-0.01036590	+0.00348036	+0.00087131		
C/2007 S4	2007 09 24.01255	11 54 23.4	-01 17 03		3 249
Geocentric position (AU)	-0.01036604	+0.00347679	+0.00087071		
C/2007 S4	2007 09 24.02922	11 54 47.7	-01 15 06		3 249
Geocentric position (AU)	-0.01036610	+0.00347535	+0.00087047		
C/2007 S4	2007 09 24.06367	11 55 57.4	-01 11 30		2 249
Geocentric position (AU)	-0.01036622	+0.00347239	+0.00086998		

C/2007 S4 2007 09 24.07922 11 56 24.1 -01 10 44 2 249
 Geocentric position (AU) -0.01036627 +0.00347105 +0.00086976
 C/2007 S4 2007 09 24.08755 11 56 37.7 -01 09 44 2 249
 Geocentric position (AU) -0.01036630 +0.00347033 +0.00086964

C/2007 T1 (McNaught)

C/2007 T1	2007 10 09.41918	17 18 17.36	-09 37 07.2		E12
C/2007 T1	2007 10 09.42315	17 18 17.19	-09 37 17.5	12.8 T	E12
C/2007 T1	2007 10 09.42713	17 18 17.03	-09 37 27.9	12.6 T	E12
C/2007 T1	2007 10 09.43113	17 18 16.86	-09 37 38.1	12.5 T	E12
C/2007 T1	2007 10 09.72165	17 18 05.26	-09 50 15.8	15.6 T	595
C/2007 T1	2007 10 09.72250	17 18 05.27	-09 50 18.3	15.7 T	473
C/2007 T1	2007 10 09.72451	17 18 05.07	-09 50 22.9	16.1 T	473
C/2007 T1	2007 10 09.72529	17 18 05.09	-09 50 25.4	16.2 T	595
C/2007 T1	2007 10 09.72837	17 18 05.03	-09 50 33.3	16.2 T	595
C/2007 T1	2007 10 09.73292	17 18 04.75	-09 50 45.9	15.6 T	024
C/2007 T1	2007 10 09.73366	17 18 04.78	-09 50 46.9	16.6 T	151
C/2007 T1	2007 10 09.73460	17 18 04.76	-09 50 49.8	16.2 T	151
C/2007 T1	2007 10 09.73500	17 18 04.69	-09 50 51.1	15.7 T	024
C/2007 T1	2007 10 09.73553	17 18 04.73	-09 50 52.3	16.3 T	151
C/2007 T1	2007 10 09.73707	17 18 04.59	-09 50 56.6	15.9 T	024
C/2007 T1	2007 10 09.74547	17 18 04.23	-09 51 17.4	15.5 T	B04
C/2007 T1	2007 10 09.74607	17 18 04.22	-09 51 19.4	15.7 T	B04
C/2007 T1	2007 10 09.74648	17 18 04.26	-09 51 20.4	15.8 T	B04
C/2007 T1	2007 10 09.74691	17 18 04.21	-09 51 21.7	16.4 T	151
C/2007 T1	2007 10 09.74699	17 18 04.17	-09 51 21.8	15.6 T	B04
C/2007 T1	2007 10 09.74737	17 18 04.20	-09 51 22.4	16.3 T	595
C/2007 T1	2007 10 09.74785	17 18 04.17	-09 51 24.2	16.4 T	151
C/2007 T1	2007 10 09.74878	17 18 04.12	-09 51 26.7	16.3 T	151
C/2007 T1	2007 10 09.75004	17 18 04.05	-09 51 29.5	15.6 T	B04
C/2007 T1	2007 10 09.75093	17 18 03.97	-09 51 31.9	15.9 T	B04
C/2007 T1	2007 10 09.75101	17 18 04.06	-09 51 32.1	16.4 T	595
C/2007 T1	2007 10 09.75868	17 18 03.77	-09 51 52.1	13.5 T	A77
C/2007 T1	2007 10 09.75925	17 18 03.75	-09 51 53.8	13.5 T	A77
C/2007 T1	2007 10 09.75979	17 18 03.72	-09 51 54.7	13.5 T	A77
C/2007 T1	2007 10 09.76086	17 18 03.69	-09 51 57.6	13.4 T	A77
C/2007 T1	2007 10 09.76122	17 18 03.60	-09 51 58.0		046
C/2007 T1	2007 10 09.76139	17 18 03.65	-09 51 58.9	13.4 T	A77
C/2007 T1	2007 10 09.76197	17 18 03.58	-09 52 00.1		046
C/2007 T1	2007 10 09.76250	17 18 03.54	-09 52 01.9		046
C/2007 T1	2007 10 09.76303	17 18 03.52	-09 52 02.9		046
C/2007 T1	2007 10 09.76328	17 18 03.57	-09 52 03.9	14.0 T	A77
C/2007 T1	2007 10 09.76354	17 18 03.49	-09 52 04.2		046
C/2007 T1	2007 10 09.76406	17 18 03.46	-09 52 05.7		046
C/2007 T1	2007 10 09.76459	17 18 03.43	-09 52 06.6		046
C/2007 T1	2007 10 09.76512	17 18 03.40	-09 52 08.0		046
C/2007 T1	2007 10 09.76565	17 18 03.38	-09 52 09.6		046
C/2007 T1	2007 10 09.76805	17 18 03.39	-09 52 16.0	15.2 T	A77
C/2007 T1	2007 10 09.76953	17 18 03.31	-09 52 19.7	16.4 N	J95
C/2007 T1	2007 10 09.77122	17 18 03.28	-09 52 24.4	14.1 T	A77
C/2007 T1	2007 10 09.77217	17 18 03.22	-09 52 26.7	16.1 N	J95
C/2007 T1	2007 10 09.77276	17 18 03.18	-09 52 28.5	15.1 T	J95
C/2007 T1	2007 10 09.77632	17 18 03.03	-09 52 37.8	15.6 T	J95

C/2007 T1	2007 10 09.77968	17 18 02.88	-09 52 46.0	14.1 T	A77
C/2007 T1	2007 10 09.78283	17 18 02.76	-09 52 54.1	15.1 T	A77
C/2007 T1	2007 10 09.78442	17 18 02.69	-09 52 58.4	14.0 T	A77
C/2007 T1	2007 10 09.79079	17 18 02.44	-09 53 14.6	14.0 T	A77
C/2007 T1	2007 10 09.79237	17 18 02.37	-09 53 18.5	15.2 T	A77
C/2007 T1	2007 10 09.79395	17 18 02.29	-09 53 22.5	14.1 T	A77
C/2007 T1	2007 10 09.90909	17 17 57.63	-09 58 14.2	15.8 T	I77
C/2007 T1	2007 10 09.91341	17 17 57.45	-09 58 25.4	15.9 T	I77
C/2007 T1	2007 10 09.91695	17 17 57.26	-09 58 34.5	15.8 T	I77
C/2007 T1	2007 10 10.08382	17 17 50.75	-10 05 47.9	15.3 N	H06
C/2007 T1	2007 10 10.09656	17 17 50.17	-10 06 21.1	15.1 N	H06
C/2007 T1	2007 10 10.75286	17 17 24.60	-10 34 19.6	14.3 N	104
C/2007 T1	2007 10 10.76156	17 17 24.53	-10 34 42.2	14.5 N	104
C/2007 T1	2007 10 10.76573	17 17 24.24	-10 34 52.1	14.0 N	104
C/2007 T1	2007 10 10.77230	17 17 24.07	-10 35 08.5	13.9 N	104
C/2007 T1	2007 10 10.80266	17 17 22.73	-10 36 27.0	15.5 N	204
C/2007 T1	2007 10 10.80875	17 17 22.51	-10 36 42.5		204
C/2007 T1	2007 10 10.81138	17 17 22.45	-10 36 48.4	15.4 N	J46
C/2007 T1	2007 10 10.81684	17 17 22.23	-10 37 03.0	15.7 N	204
C/2007 T1	2007 10 10.82030	17 17 22.06	-10 37 12.0		204
C/2007 T1	2007 10 10.82939	17 17 21.74	-10 37 34.0	15.4 N	J46
C/2007 T1	2007 10 10.85097	17 17 20.84	-10 38 28.8	15.3 N	J46
C/2007 T1	2007 10 10.87962	17 17 19.79	-10 39 41.0	14.3 N	J47
C/2007 T1	2007 10 10.88194	17 17 19.64	-10 39 46.6	14.4 N	J47
C/2007 T1	2007 10 10.88506	17 17 19.60	-10 39 56.2	14.3 N	J47
C/2007 T1	2007 10 10.88888	17 17 19.35	-10 40 05.3	14.3 N	J47
C/2007 T1	2007 10 10.94048	17 17 17.40	-10 42 13.2	15.6 T	I77
C/2007 T1	2007 10 10.94203	17 17 17.35	-10 42 16.5	15.6 T	I77
C/2007 T1	2007 10 10.94357	17 17 17.29	-10 42 19.8	15.4 T	I77
C/2007 T1	2007 10 11.02008	17 17 14.49	-10 45 40.3	16.2 N	H68
C/2007 T1	2007 10 11.02837	17 17 14.18	-10 46 01.1	15.9 N	H68
C/2007 T1	2007 10 11.02853	17 17 14.17	-10 46 00.8		H47
C/2007 T1	2007 10 11.02990	17 17 14.11	-10 46 03.6		H47
C/2007 T1	2007 10 11.03664	17 17 13.84	-10 46 22.0	16.3 N	H68
C/2007 T1	2007 10 11.04497	17 17 13.52	-10 46 43.0	16.4 N	H68
C/2007 T1	2007 10 11.05324	17 17 13.20	-10 47 04.0	16.4 N	H68
C/2007 T1	2007 10 11.43619	17 16 58.86	-11 03 05.7	16.2 N	415
C/2007 T1	2007 10 11.43768	17 16 58.82	-11 03 09.7	16.2 N	415
C/2007 T1	2007 10 11.78667	17 16 46.05	-11 17 54.5	15.8 N	235
C/2007 T1	2007 10 12.02314	17 16 37.52	-11 27 47.0	16.7 N	H47
C/2007 T1	2007 10 12.03192	17 16 37.17	-11 28 09.3	16.6 N	H47
C/2007 T1	2007 10 12.39257	17 16 24.32	-11 43 04.5	12.8 T	E12
C/2007 T1	2007 10 12.41932	17 16 23.34	-11 44 11.4		E12
C/2007 T1	2007 10 12.45567	17 16 22.04	-11 45 40.8	16.1 N	415
C/2007 T1	2007 10 12.45691	17 16 22.00	-11 45 44.8	16.3 N	415
C/2007 T1	2007 10 12.75967	17 16 11.57	-11 58 22.3	13.9 T	A77
C/2007 T1	2007 10 12.76462	17 16 11.35	-11 58 35.4	13.9 N	A77
C/2007 T1	2007 10 12.77076	17 16 11.17	-11 58 50.2	15.6 N	A77
C/2007 T1	2007 10 12.91319	17 16 06.22	-12 04 37.9	15.4 T	I77
C/2007 T1	2007 10 12.91404	17 16 06.19	-12 04 40.2	15.7 T	I77
C/2007 T1	2007 10 13.02335	17 16 02.35	-12 09 14.9	16.1 N	H47
C/2007 T1	2007 10 13.03363	17 16 02.10	-12 09 40.5	15.6 N	H47
C/2007 T1	2007 10 13.08485	17 16 00.36	-12 11 47.0		H06

C/2007 T1	2007 10 13.08861	17 16 00.18	-12 11 56.5		H06	C/2007 T1	2007 10 16.74289	17 14 06.64	-14 38 47.0	14.4 N	A97
C/2007 T1	2007 10 13.40441	17 15 49.49	-12 24 48.6		E12	C/2007 T1	2007 10 16.76037	17 14 06.22	-14 39 30.6	14.4 N	A97
C/2007 T1	2007 10 13.40706	17 15 49.398	-12 24 55.12		E12	C/2007 T1	2007 10 18.40332	17 13 21.81	-15 43 12.2		E12
C/2007 T1	2007 10 13.41001	17 15 49.298	-12 25 02.40	12.3 T	E12	C/2007 T1	2007 10 18.40686	17 13 21.71	-15 43 20.3		E12
C/2007 T1	2007 10 13.44640	17 15 48.03	-12 26 30.8	15.9 N	E11	C/2007 T1	2007 10 19.40687	17 12 56.569	-16 21 33.85	12.9 T	E12
C/2007 T1	2007 10 13.45080	17 15 47.91	-12 26 42.2	16.0 N	E11	C/2007 T1	2007 10 20.37713	17 12 33.45	-16 58 13.6	15.7 N	413
C/2007 T1	2007 10 13.73913	17 15 38.49	-12 38 35.7	14.9 N	104	C/2007 T1	2007 10 20.38294	17 12 33.31	-16 58 26.5		413
C/2007 T1	2007 10 13.74248	17 15 38.36	-12 38 43.9	14.7 N	104	C/2007 T1	2007 10 20.38333	17 12 33.30	-16 58 27.3		413
C/2007 T1	2007 10 13.74478	17 15 38.27	-12 38 49.4	14.6 N	104	C/2007 T1	2007 10 20.38375	17 12 33.29	-16 58 28.3		413
C/2007 T1	2007 10 13.74625	17 15 38.20	-12 38 53.2	15.5 N	235	C/2007 T1	2007 10 20.38404	17 12 33.40	-16 58 34.2		D88
C/2007 T1	2007 10 13.81288	17 15 36.03	-12 41 35.4	14.1 N	J47	C/2007 T1	2007 10 20.38417	17 12 33.28	-16 58 29.2		413
C/2007 T1	2007 10 13.82527	17 15 35.55	-12 42 05.5	14.1 N	J47	C/2007 T1	2007 10 20.38457	17 12 33.27	-16 58 30.1		413
C/2007 T1	2007 10 13.83766	17 15 35.20	-12 42 36.2	14.1 N	J47	C/2007 T1	2007 10 20.38497	17 12 33.26	-16 58 31.0		413
C/2007 T1	2007 10 13.84683	17 15 34.87	-12 42 58.3	14.1 N	J47	C/2007 T1	2007 10 20.38537	17 12 33.25	-16 58 31.9		413
C/2007 T1	2007 10 13.85612	17 15 34.46	-12 43 19.8	14.1 N	J47	C/2007 T1	2007 10 20.38578	17 12 33.24	-16 58 32.8		413
C/2007 T1	2007 10 14.02584	17 15 29.04	-12 50 15.4	16.6 N	H47	C/2007 T1	2007 10 20.38598	17 12 33.34	-16 58 39.0		349
C/2007 T1	2007 10 14.02992	17 15 28.95	-12 50 24.9	16.3 N	H47	C/2007 T1	2007 10 20.38619	17 12 33.23	-16 58 33.8		413
C/2007 T1	2007 10 14.39871	17 15 16.987	-13 05 17.22	12.4 T	E12	C/2007 T1	2007 10 20.38674	17 12 33.34	-16 58 40.1		D88
C/2007 T1	2007 10 14.40219	17 15 16.866	-13 05 25.64	12.4 T	E12	C/2007 T1	2007 10 20.38846	17 12 33.28	-16 58 44.6		349
C/2007 T1	2007 10 14.42454	17 15 16.15	-13 06 19.2	16.0 N	415	C/2007 T1	2007 10 20.38942	17 12 33.28	-16 58 46.1	14.7 T	D88
C/2007 T1	2007 10 14.42567	17 15 16.12	-13 06 22.4	16.4 N	415	C/2007 T1	2007 10 20.39094	17 12 33.21	-16 58 50.2	12.3 T	349
C/2007 T1	2007 10 14.72803	17 15 06.71	-13 18 41.0		246	C/2007 T1	2007 10 21.37988	17 12 10.90	-17 35 44.9		D88
C/2007 T1	2007 10 14.72921	17 15 06.67	-13 18 44.0		246	C/2007 T1	2007 10 21.38270	17 12 10.84	-17 35 52.4		349
C/2007 T1	2007 10 14.72977	17 15 06.65	-13 18 45.1		246	C/2007 T1	2007 10 21.38346	17 12 10.85	-17 35 53.7		D88
C/2007 T1	2007 10 14.73073	17 15 06.63	-13 18 47.5		246	C/2007 T1	2007 10 21.38457	17 12 10.80	-17 35 56.4		349
C/2007 T1	2007 10 14.73117	17 15 06.60	-13 18 48.7		246	C/2007 T1	2007 10 21.38645	17 12 10.76	-17 36 00.6	12.1 T	349
C/2007 T1	2007 10 14.73176	17 15 06.59	-13 18 50.0		246	C/2007 T1	2007 10 21.38705	17 12 10.73	-17 36 01.6	14.2 T	D88
C/2007 T1	2007 10 14.73489	17 15 06.44	-13 18 57.4	15.4 N	235	C/2007 T1	2007 10 21.38736	17 12 10.85	-17 36 01.6		D81
C/2007 T1	2007 10 14.76123	17 15 05.66	-13 20 00.8	13.8 N	A18	C/2007 T1	2007 10 21.39451	17 12 10.53	-17 36 18.6		D81
C/2007 T1	2007 10 14.77220	17 15 05.32	-13 20 27.5	13.9 N	A18	C/2007 T1	2007 10 21.39763	17 12 10.57	-17 36 27.4		D81
C/2007 T1	2007 10 14.77806	17 15 05.08	-13 20 41.6	15.0 N	J70	C/2007 T1	2007 10 21.40000	17 12 10.39	-17 36 29.1	12.5 T	D81
C/2007 T1	2007 10 14.77845	17 15 05.00	-13 20 43.3	15.6 N	J70	C/2007 T1	2007 10 21.40486	17 12 10.268	-17 36 36.24	12.6 T	E12
C/2007 T1	2007 10 14.77882	17 15 05.05	-13 20 42.9	15.1 N	J70	C/2007 T1	2007 10 21.40796	17 12 10.198	-17 36 43.14	12.6 T	E12
C/2007 T1	2007 10 14.77919	17 15 04.97	-13 20 44.2	15.6 N	J70	C/2007 T1	2007 10 21.42181	17 12 09.96	-17 37 19.5		D70
C/2007 T1	2007 10 14.77956	17 15 05.07	-13 20 44.6	16.0 N	J70	C/2007 T1	2007 10 21.42924	17 12 09.75	-17 37 36.3		D70
C/2007 T1	2007 10 14.77994	17 15 05.07	-13 20 47.4	15.5 N	J70	C/2007 T1	2007 10 21.43664	17 12 09.56	-17 37 52.6	14.1 T	D70
C/2007 T1	2007 10 14.78469	17 15 04.90	-13 20 58.0		A18	C/2007 T1	2007 10 21.77649	17 12 02.26	-17 50 28.0	13.9 N	213
C/2007 T1	2007 10 14.90875	17 15 01.09	-13 25 51.5	15.2 T	I77	C/2007 T1	2007 10 21.77888	17 12 02.19	-17 50 33.8	13.9 N	213
C/2007 T1	2007 10 15.39854	17 14 45.924	-13 45 27.79	15.7 N	E12	C/2007 T1	2007 10 22.40353	17 11 48.97	-18 13 28.4	12.6 T	E12
C/2007 T1	2007 10 15.77973	17 14 34.60	-14 00 45.2	14.8 N	J70	P/2007 T2 (Kowalski)					
C/2007 T1	2007 10 15.78181	17 14 34.53	-14 00 49.4	15.3 N	J70	P/2007 T2	2007 10 09.50984	10 05 54.70	+22 37 06.5	16.9 T	703
C/2007 T1	2007 10 15.78454	17 14 34.51	-14 00 56.7	15.4 N	J70	P/2007 T2	2007 10 09.51308	10 05 54.67	+22 37 10.2	16.8 T	703
C/2007 T1	2007 10 15.78607	17 14 34.51	-14 01 00.9	15.7 N	J70	P/2007 T2	2007 10 09.51632	10 05 54.60	+22 37 14.0	16.8 T	703
C/2007 T1	2007 10 15.92057	17 14 30.41	-14 06 15.6	15.4 T	I77	P/2007 T2	2007 10 09.51958	10 05 54.56	+22 37 18.1	16.8 T	703
C/2007 T1	2007 10 15.92227	17 14 30.28	-14 06 19.4	15.3 T	I77	P/2007 T2	2007 10 10.10536	10 05 49.95	+22 47 54.2	16.7 N	585
C/2007 T1	2007 10 15.92484	17 14 30.20	-14 06 25.5	15.2 T	I77	P/2007 T2	2007 10 10.11245	10 05 49.89	+22 48 02.4	16.7 N	585
C/2007 T1	2007 10 16.40532	17 14 16.238	-14 25 24.49	12.4 T	E12	P/2007 T2	2007 10 10.12260	10 05 49.86	+22 48 13.8	16.8 N	585
C/2007 T1	2007 10 16.40880	17 14 16.13	-14 25 32.6	12.4 T	E12	P/2007 T2	2007 10 10.12579	10 05 49.87	+22 48 16.5	16.8 T	473
C/2007 T1	2007 10 16.68509	17 14 08.36	-14 36 30.0	14.2 T	585	P/2007 T2	2007 10 10.13367	10 05 49.64	+22 48 25.8	16.6 N	585
C/2007 T1	2007 10 16.69313	17 14 08.12	-14 36 49.7	14.2 T	585	P/2007 T2	2007 10 10.13458	10 05 49.77	+22 48 25.9	16.6 T	473
C/2007 T1	2007 10 16.69701	17 14 08.00	-14 36 59.5	15.7 N	585	P/2007 T2	2007 10 10.14607	10 05 49.71	+22 48 38.8	17.0 T	473
C/2007 T1	2007 10 16.71465	17 14 07.54	-14 37 40.3	15.8 N	585	P/2007 T2	2007 10 10.15823	10 05 49.62	+22 48 52.1	16.8 T	473
C/2007 T1	2007 10 16.72237	17 14 07.23	-14 37 58.3	14.1 T	585						

2007 OCT. 26

M.P.C. 60891

P/2007 T2	2007 10 10.43409	10 05 48.48	+22 53 44.9	17.7 N	850
P/2007 T2	2007 10 10.44771	10 05 48.34	+22 54 00.0	17.4 N	850
P/2007 T2	2007 10 10.49008	10 05 48.30	+22 54 44.6	16.8 T	703
P/2007 T2	2007 10 10.49632	10 05 48.22	+22 54 51.1	16.7 T	703
P/2007 T2	2007 10 10.49906	10 05 48.22	+22 54 53.7	16.9 T	G96
P/2007 T2	2007 10 10.50200	10 05 48.37	+22 54 55.9	16.9 T	G96
P/2007 T2	2007 10 10.50492	10 05 48.18	+22 55 00.0	16.9 T	G96
P/2007 T2	2007 10 10.50786	10 05 48.18	+22 55 03.3	16.9 T	G96
P/2007 T2	2007 10 11.15969	10 05 47.05	+23 05 57.7	16.6 T	204
P/2007 T2	2007 10 11.17477	10 05 47.02	+23 06 12.8		204
P/2007 T2	2007 10 11.41508	10 05 47.47	+23 10 07.9	17.9 T	850
P/2007 T2	2007 10 11.43001	10 05 47.45	+23 10 23.5	17.1 T	850
P/2007 T2	2007 10 11.44494	10 05 47.59	+23 10 38.1	18.2 T	850
P/2007 T2	2007 10 11.47745	10 05 47.42	+23 11 08.9	17.3 N	734
P/2007 T2	2007 10 11.47792	10 05 47.67	+23 11 09.7	16.4 T	651
P/2007 T2	2007 10 11.47900	10 05 47.44	+23 11 10.3	17.2 N	734
P/2007 T2	2007 10 11.47970	10 05 47.64	+23 11 12.2	16.5 T	651
P/2007 T2	2007 10 11.48051	10 05 47.45	+23 11 11.7	17.1 N	734
P/2007 T2	2007 10 11.48201	10 05 47.45	+23 11 12.9	17.1 N	734
P/2007 T2	2007 10 15.40782	10 06 32.26	+24 05 19.4	17.6 N	850
P/2007 T2	2007 10 15.43804	10 06 32.75	+24 05 41.7	17.2 N	850
P/2007 T2	2007 10 15.46642	10 06 33.73	+24 05 57.8		G96
P/2007 T2	2007 10 15.47108	10 06 33.84	+24 06 01.7		G96
P/2007 T2	2007 10 15.47581	10 06 33.91	+24 06 04.3		G96
P/2007 T2	2007 10 15.48051	10 06 33.98	+24 06 08.5		G96
P/2007 T2	2007 10 17.09808	10 07 09.41	+24 24 03.0	17.2 T	585
P/2007 T2	2007 10 17.09895	10 07 09.49	+24 24 06.4	17.1 T	585
P/2007 T2	2007 10 17.10339	10 07 09.58	+24 24 10.1	17.2 T	585
P/2007 T2	2007 10 19.48237	10 08 15.67	+24 47 11.8		G96
P/2007 T2	2007 10 19.48565	10 08 15.77	+24 47 13.7	17.1 T	G96
P/2007 T2	2007 10 19.48892	10 08 15.88	+24 47 15.7		G96
P/2007 T2	2007 10 19.49220	10 08 15.93	+24 47 17.1		G96
P/2007 T2	2007 10 20.77384	10 08 56.35	+24 58 15.7		349
P/2007 T2	2007 10 20.77676	10 08 56.44	+24 58 17.3		349
P/2007 T2	2007 10 20.77966	10 08 56.53	+24 58 18.8	17.3 T	349
P/2007 T2	2007 10 21.47660	10 09 19.51	+25 03 57.6	17.1 T	703
P/2007 T2	2007 10 21.48209	10 09 19.65	+25 04 00.4	17.1 T	703
P/2007 T2	2007 10 21.48764	10 09 19.83	+25 04 03.6	17.1 T	703
P/2007 T2	2007 10 21.49319	10 09 20.01	+25 04 05.9	17.1 T	703

P/2007 T4 (Gibbs)

P/2007 T4	2007 10 12.46227	09 57 24.47	+34 12 33.6	18.4 T	703
P/2007 T4	2007 10 12.46806	09 57 25.24	+34 12 32.8		703
P/2007 T4	2007 10 12.47380	09 57 26.07	+34 12 31.4		703
P/2007 T4	2007 10 12.47958	09 57 26.78	+34 12 30.3		703
P/2007 T4	2007 10 12.51255	09 57 31.47	+34 12 20.5		703
P/2007 T4	2007 10 12.51321	09 57 31.52	+34 12 22.3		703
P/2007 T4	2007 10 12.51387	09 57 31.63	+34 12 20.9	18.5 T	703
P/2007 T4	2007 10 12.51451	09 57 31.81	+34 12 21.3	19.1 T	703
P/2007 T4	2007 10 12.51547	09 57 31.81	+34 12 21.2	19.0 T	703
P/2007 T4	2007 10 12.51589	09 57 31.94	+34 12 21.4	19.4 T	703
P/2007 T4	2007 10 12.51631	09 57 31.85	+34 12 21.7	18.7 T	703
P/2007 T4	2007 10 12.51672	09 57 31.91	+34 12 21.0	19.0 T	703

P/2007 T4	2007 10 13.48510	09 59 47.20	+34 08 10.6	18.6 T	703
P/2007 T4	2007 10 13.48597	09 59 47.32	+34 08 10.2		703
P/2007 T4	2007 10 13.48685	09 59 47.41	+34 08 09.9		703
P/2007 T4	2007 10 13.48773	09 59 47.57	+34 08 09.3		703
P/2007 T4	2007 10 13.49278	09 59 48.12	+34 08 08.9	18.7 T	703
P/2007 T4	2007 10 13.49900	09 59 49.02	+34 08 07.4	18.6 T	703
P/2007 T4	2007 10 13.50526	09 59 49.77	+34 08 05.3	18.5 T	703
P/2007 T4	2007 10 13.51151	09 59 50.74	+34 08 03.4	18.7 T	703
P/2007 T4	2007 10 14.14113	10 01 18.09	+34 05 18.5	19.2 N	B15
P/2007 T4	2007 10 14.14631	10 01 18.80	+34 05 17.7	19.5 N	B15
P/2007 T4	2007 10 14.15257	10 01 19.64	+34 05 15.8	19.1 N	B15
P/2007 T4	2007 10 14.47950	10 02 04.84	+34 03 52.5	18.6 T	G96
P/2007 T4	2007 10 14.48902	10 02 06.14	+34 03 50.3	18.8 T	G96
P/2007 T4	2007 10 14.49872	10 02 07.51	+34 03 47.4	18.6 T	G96
P/2007 T4	2007 10 14.50833	10 02 08.77	+34 03 46.0	18.4 T	G96
P/2007 T4	2007 10 14.53843	10 02 13.09	+34 03 36.2	18.6 T	673
P/2007 T4	2007 10 14.54144	10 02 13.41	+34 03 35.3		673
P/2007 T4	2007 10 15.46577	10 04 20.46	+33 59 37.5	18.8 T	G96
P/2007 T4	2007 10 15.47043	10 04 21.14	+33 59 35.8	18.8 T	G96
P/2007 T4	2007 10 15.47517	10 04 21.79	+33 59 34.6	19.0 T	G96
P/2007 T4	2007 10 15.47986	10 04 22.33	+33 59 34.1	18.8 T	G96
P/2007 T4	2007 10 15.51910	10 04 27.75	+33 59 23.1	18.6 T	673
P/2007 T4	2007 10 15.52338	10 04 28.44	+33 59 21.7		673
P/2007 T4	2007 10 15.52731	10 04 28.94	+33 59 20.5		673
P/2007 T4	2007 10 15.53218	10 04 29.60	+33 59 19.7		673
P/2007 T4	2007 10 16.14994	10 05 53.99	+33 56 39.5	19.0 N	204
P/2007 T4	2007 10 22.20190	10 19 19.89	+33 30 58.5	19.5 N	204
P/2007 T4	2007 10 23.45187	10 22 01.68	+33 25 46.5	19.2 N	734
P/2007 T4	2007 10 23.45494	10 22 02.10	+33 25 45.1	19.0 N	734
P/2007 T4	2007 10 23.45949	10 22 02.62	+33 25 44.0	19.5 N	734

C/2007 T5 (Gibbs)

C/2007 T5	2007 10 13.45523	08 16 28.09	+19 11 10.5	18.2 T	703
C/2007 T5	2007 10 13.46287	08 16 28.63	+19 11 12.1	18.1 T	703
C/2007 T5	2007 10 13.47047	08 16 28.81	+19 11 13.5	18.3 T	703
C/2007 T5	2007 10 13.47808	08 16 29.13	+19 11 15.8	18.2 T	703
C/2007 T5	2007 10 13.51872	08 16 30.75	+19 11 25.1	17.8 T	703
C/2007 T5	2007 10 14.45302	08 17 09.13	+19 14 50.9	18.7 T	G96
C/2007 T5	2007 10 14.45848	08 17 09.38	+19 14 52.6	18.6 T	G96
C/2007 T5	2007 10 14.46396	08 17 09.56	+19 14 54.0	18.4 T	G96
C/2007 T5	2007 10 14.46933	08 17 09.74	+19 14 54.5	18.6 T	G96
C/2007 T5	2007 10 15.46266	08 17 49.95	+19 18 38.0	18.6 T	G96
C/2007 T5	2007 10 15.46734	08 17 50.17	+19 18 39.4	18.9 T	G96
C/2007 T5	2007 10 15.47106	08 17 50.33	+19 18 39.9	18.0 T	673
C/2007 T5	2007 10 15.47200	08 17 50.31	+19 18 39.8	19.0 T	G96
C/2007 T5	2007 10 15.47675	08 17 50.56	+19 18 41.6	18.9 T	G96
C/2007 T5	2007 10 15.48044	08 17 50.77	+19 18 41.8		673
C/2007 T5	2007 10 15.48318	08 17 50.78	+19 18 43.3	18.5 T	G96
C/2007 T5	2007 10 15.48808	08 17 50.92	+19 18 44.3		673
C/2007 T5	2007 10 15.48832	08 17 51.03	+19 18 44.3	18.2 T	G96
C/2007 T5	2007 10 15.49351	08 17 51.21	+19 18 45.5	18.6 T	G96
C/2007 T5	2007 10 15.49866	08 17 51.39	+19 18 47.1	18.5 T	G96
C/2007 T5	2007 10 15.50809	08 17 51.73	+19 18 48.3		673

C/2007 T5	2007 10 16.12915	08 18 16.66	+19 21 11.0	19.4 N	204
C/2007 T5	2007 10 17.06944	08 18 53.71	+19 24 46.5	18.2 T	585
C/2007 T5	2007 10 17.07260	08 18 53.83	+19 24 48.0	18.1 T	585
C/2007 T5	2007 10 17.07602	08 18 53.85	+19 24 48.3	18.1 T	585
C/2007 T5	2007 10 17.08333	08 18 54.31	+19 24 52.0	18.1 T	585
C/2007 T5	2007 10 17.08841	08 18 54.44	+19 24 52.4	18.1 T	585
C/2007 T5	2007 10 22.14441	08 22 05.62	+19 45 38.0	19.3 N	204
C/2007 T5	2007 10 22.74346	08 22 27.28	+19 48 15.8	20 N	413
C/2007 T5	2007 10 22.74774	08 22 27.38	+19 48 16.3		413

P/2007 T6 (Catalina)

P/2007 T6	2007 10 13.47047	08 22 02.66	+17 42 00.0	17.8 N	703
P/2007 T6	2007 10 13.47808	08 22 03.39	+17 42 00.9	17.8 N	703
P/2007 T6	2007 10 13.51872	08 22 07.27	+17 42 05.6	17.7 N	703
P/2007 T6	2007 10 13.51968	08 22 07.39	+17 42 06.1	17.6 N	703
P/2007 T6	2007 10 13.52065	08 22 07.41	+17 42 06.3	17.5 N	703
P/2007 T6	2007 10 13.52161	08 22 07.52	+17 42 06.1	17.4 N	703
P/2007 T6	2007 10 14.38476	08 23 31.20	+17 43 49.2	17.8 N	H06
P/2007 T6	2007 10 14.40171	08 23 32.83	+17 43 51.4	17.8 N	H06
P/2007 T6	2007 10 14.41624	08 23 34.24	+17 43 52.9	17.9 N	H06
P/2007 T6	2007 10 14.45398	08 23 37.82	+17 43 58.5	17.8 N	G96
P/2007 T6	2007 10 14.45946	08 23 38.32	+17 43 59.0	17.7 N	G96
P/2007 T6	2007 10 14.46486	08 23 38.86	+17 43 59.6	17.9 N	G96
P/2007 T6	2007 10 14.47030	08 23 39.37	+17 44 00.2	17.9 N	G96
P/2007 T6	2007 10 14.50613	08 23 42.81	+17 44 04.1	17.4 T	673
P/2007 T6	2007 10 14.52002	08 23 44.13	+17 44 05.6		673
P/2007 T6	2007 10 14.52859	08 23 44.95	+17 44 06.8		673
P/2007 T6	2007 10 14.53333	08 23 45.41	+17 44 07.6		673
P/2007 T6	2007 10 15.42152	08 25 10.74	+17 45 57.8	18.3 N	H06
P/2007 T6	2007 10 15.44202	08 25 12.66	+17 46 00.0	18.5 N	H06
P/2007 T6	2007 10 15.51111	08 25 19.19	+17 46 09.9	17.2 T	673
P/2007 T6	2007 10 15.51563	08 25 19.66	+17 46 10.1		673
P/2007 T6	2007 10 16.13894	08 26 19.02	+17 47 28.3	17.4 N	204
P/2007 T6	2007 10 17.04433	08 27 44.67	+17 49 25.7	17.3 T	585
P/2007 T6	2007 10 17.04858	08 27 45.11	+17 49 26.9	17.3 T	585
P/2007 T6	2007 10 17.05730	08 27 46.01	+17 49 27.0	17.2 T	585
P/2007 T6	2007 10 17.06020	08 27 46.03	+17 49 28.1	17.3 T	585
P/2007 T6	2007 10 20.71985	08 33 25.99	+17 58 01.3		349
P/2007 T6	2007 10 20.79825	08 33 33.10	+17 58 13.6	17.3 T	349
P/2007 T6	2007 10 21.13512	08 34 03.96	+17 59 03.3	17.5 N	J47
P/2007 T6	2007 10 21.14505	08 34 04.85	+17 59 04.6	17.5 N	J47
P/2007 T6	2007 10 21.15575	08 34 05.84	+17 59 06.8	17.4 N	J47

C/2007 U1 (LINEAR)

C/2007 U1	2007 10 19.40678	07 43 54.42	+02 29 27.5	19.4 N	704
C/2007 U1	2007 10 19.41757	07 43 54.06	+02 29 26.9	19.8 N	704
C/2007 U1	2007 10 19.42836	07 43 53.76	+02 29 24.8	19.6 N	704
C/2007 U1	2007 10 19.43914	07 43 53.43	+02 29 24.6	19.5 N	704
C/2007 U1	2007 10 19.44991	07 43 53.04	+02 29 22.3	19.3 N	704
C/2007 U1	2007 10 20.38616	07 43 24.99	+02 27 36.2	19.4 T	H55
C/2007 U1	2007 10 20.39119	07 43 24.84	+02 27 35.9	19.0 T	H55
C/2007 U1	2007 10 20.40050	07 43 24.48	+02 27 35.5	19.4 T	H55
C/2007 U1	2007 10 20.41329	07 43 24.13	+02 27 33.4	19.0 T	H55
C/2007 U1	2007 10 20.42382	07 43 23.84	+02 27 33.2	18.7 N	704

C/2007 U1	2007 10 20.43546	07 43 23.46	+02 27 31.6	19.1 N	704
C/2007 U1	2007 10 20.45876	07 43 22.74	+02 27 28.6	19.2 N	704
C/2007 U1	2007 10 20.76337	07 43 13.31	+02 26 56.9	18.3 T	413
C/2007 U1	2007 10 20.76564	07 43 13.25	+02 26 56.6		413
C/2007 U1	2007 10 21.06463	07 43 03.93	+02 26 20.8	19.1 T	473
C/2007 U1	2007 10 21.08317	07 43 03.33	+02 26 18.5	19.2 T	473
C/2007 U1	2007 10 21.09611	07 43 02.91	+02 26 17.0	19.0 T	473
C/2007 U1	2007 10 21.11234	07 43 02.41	+02 26 14.9	18.8 N	204
C/2007 U1	2007 10 21.11432	07 43 02.35	+02 26 15.9	18.1 T	B33
C/2007 U1	2007 10 21.15122	07 43 00.97	+02 26 10.6		B33
C/2007 U1	2007 10 21.38402	07 42 53.72	+02 25 45.7	18.6 N	850
C/2007 U1	2007 10 21.40037	07 42 53.20	+02 25 44.2	18.4 N	5 850
C/2007 U1	2007 10 21.42002	07 42 52.59	+02 25 39.5	19.0 N	850
C/2007 U1	2007 10 21.42097	07 42 52.60	+02 25 42.3	18.8 N	704
C/2007 U1	2007 10 21.44413	07 42 51.83	+02 25 40.5	19.9 N	704
C/2007 U1	2007 10 21.45569	07 42 51.54	+02 25 38.5	19.4 N	704
C/2007 U1	2007 10 21.45763	07 42 51.38	+02 25 37.2	20.3 N	701
C/2007 U1	2007 10 21.46724	07 42 51.00	+02 25 36.5	19.4 N	704
C/2007 U1	2007 10 21.47985	07 42 50.73	+02 25 34.9	20.0 N	701
C/2007 U1	2007 10 21.50207	07 42 49.92	+02 25 32.6	19.1 N	701
C/2007 U1	2007 10 21.75814	07 42 41.70	+02 25 06.7	19 T	413
C/2007 U1	2007 10 21.76027	07 42 41.62	+02 25 06.5		413
C/2007 U1	2007 10 21.76241	07 42 41.54	+02 25 06.3		413
C/2007 U1	2007 10 21.76456	07 42 41.47	+02 25 06.1		413
C/2007 U1	2007 10 21.76670	07 42 41.40	+02 25 06.0		413
C/2007 U1	2007 10 22.08223	07 42 31.12	+02 24 27.8	18.7 T	A80
C/2007 U1	2007 10 22.08580	07 42 31.00	+02 24 26.8	18.7 T	A80
C/2007 U1	2007 10 22.08937	07 42 30.85	+02 24 27.0	18.9 T	A80
C/2007 U1	2007 10 22.09296	07 42 30.77	+02 24 27.4	18.9 T	A80
C/2007 U1	2007 10 22.13250	07 42 29.46	+02 24 22.3		204
C/2007 U1	2007 10 22.17666	07 42 27.97	+02 24 17.5	18.2 N	204

8P/Tuttle

8P	2007 09 22.88228	03 46 06.91	+85 51 38.4	17.6 N	235
8P	2007 09 29.02004	04 45 28.27	+87 16 02.2	18.3 N	J47
8P	2007 09 29.04292	04 45 48.45	+87 16 19.5	18.5 N	J47
8P	2007 09 29.05277	04 45 51.94	+87 16 27.1	18.4 N	J47
8P	2007 10 01.80464	05 29 05.47	+87 48 27.0	16.6 T	A77
8P	2007 10 01.81524	05 29 18.23	+87 48 34.8	16.8 T	A77
8P	2007 10 01.82328	05 29 26.23	+87 48 40.6	17.5 N	A77
8P	2007 10 01.83148	05 29 35.40	+87 48 46.0	16.6 T	A77
8P	2007 10 02.95989	05 52 27.30	+88 00 18.8		204
8P	2007 10 03.10376	05 55 33.95	+88 01 44.5	17.2 N	204
8P	2007 10 05.71295	07 04 22.07	+88 22 32.7		349
8P	2007 10 05.71672	07 04 29.10	+88 22 34.2		349
8P	2007 10 05.72054	07 04 36.02	+88 22 36.0	15.8 T	349
8P	2007 10 06.51517	07 29 51.71	+88 26 53.0		D81
8P	2007 10 06.52523	07 30 23.55	+88 26 56.7		D81
8P	2007 10 06.53472	07 30 32.70	+88 26 59.8		D81
8P	2007 10 06.54663	07 30 56.17	+88 27 04.1	15.7 T	D81
8P	2007 10 06.91617	07 43 18.04	+88 28 44.5	17.1 N	235
8P	2007 10 06.92540	07 43 37.22	+88 28 47.1	17.1 N	235
8P	2007 10 07.36652	07 58 54.74	+88 30 29.3	15.4 T	H06

2007 OCT. 26

M.P.C. 60893

8P	2007 10 07.37047	07 59 03.00	+88 30 29.9		H06	17P	2007 10 13.15623	04 00 33.52	+48 54 00.9	15.9 N	A24
8P	2007 10 07.76774	08 12 50.94	+88 31 36.0	15.1 T	A77	17P	2007 10 13.16856	04 00 33.06	+48 54 06.3	14.9 N	A24
8P	2007 10 07.76973	08 12 54.90	+88 31 36.2	15.0 T	A77	17P	2007 10 14.08655	04 00 10.06	+49 01 10.5	18.4 N	170
8P	2007 10 07.77360	08 13 03.66	+88 31 36.6	15.0 T	A77	17P	2007 10 14.09024	04 00 09.95	+49 01 11.2	16.7 N	A02
8P	2007 10 07.77739	08 13 11.96	+88 31 37.4	15.1 T	A77	17P	2007 10 14.09104	04 00 09.94	+49 01 12.1	18.1 N	170
8P	2007 10 07.78315	08 13 24.70	+88 31 37.9	15.0 T	A77	17P	2007 10 14.09382	04 00 09.92	+49 01 14.1	16.8 N	A02
8P	2007 10 07.78692	08 13 33.19	+88 31 38.5	15.0 T	A77	17P	2007 10 16.09420	03 59 11.90	+49 15 55.6	17.0 N	A24
8P	2007 10 16.82916	12 29 52.54	+87 54 53.8	16.6 N	510	17P	2007 10 16.09520	03 59 11.76	+49 15 56.9	17.3 N	A24
8P	2007 10 17.17100	12 35 42.03	+87 52 16.7	18.2 N	A21	17P	2007 10 16.10670	03 59 11.45	+49 16 00.9	17.6 N	A24
8P	2007 10 17.17595	12 35 46.57	+87 52 14.4	18.0 N	A21	17P	2007 10 16.13070	03 59 10.41	+49 16 09.4	16.8 N	A24
8P	2007 10 17.18111	12 35 51.37	+87 52 12.0	17.5 N	A21	17P	2007 10 16.89676	03 58 46.23	+49 21 30.5	16.8 N	A77
8P	2007 10 17.18626	12 35 56.36	+87 52 10.0	18.3 N	A21	17P	2007 10 16.90150	03 58 46.09	+49 21 33.1	17.0 N	A77
8P	2007 10 17.77421	12 44 50.68	+87 47 28.7	16.6 N	A77	17P	2007 10 16.90627	03 58 45.90	+49 21 34.7	16.9 N	A77
8P	2007 10 17.77999	12 44 56.30	+87 47 25.7	16.7 N	A77	17P	2007 10 17.06799	03 58 40.09	+49 22 42.3	18.7 N	A21
8P	2007 10 17.78963	12 45 05.15	+87 47 20.9	15.9 T	A77	17P	2007 10 17.07276	03 58 39.88	+49 22 44.4	18.8 N	A21
8P	2007 10 20.88294	13 24 59.39	+87 22 24.6	16.7 N	J76	17P	2007 10 17.07752	03 58 39.79	+49 22 46.2	18.6 N	A21
8P	2007 10 20.88444	13 25 01.11	+87 22 24.1	16.7 N	J76	17P	2007 10 19.88908	03 56 55.21	+49 40 56.0	17.2 N	213
8P	2007 10 20.88557	13 25 01.57	+87 22 23.3	16.7 N	J76	17P	2007 10 19.89042	03 56 55.16	+49 40 56.5	17.2 N	213
8P	2007 10 21.07263	13 27 11.93	+87 20 51.8	16.9 N	J47	17P	2007 10 19.89176	03 56 55.02	+49 40 57.1	17.2 N	213
8P	2007 10 21.08836	13 27 22.31	+87 20 44.6	16.9 N	J47	17P	2007 10 20.96750	03 56 09.89	+49 47 20.1	17.8 N	204
8P	2007 10 21.10647	13 27 35.57	+87 20 35.8	16.8 N	J47	17P	2007 10 21.94402	03 55 26.91	+49 52 46.6	17.7 N	J47
8P	2007 10 21.86900	13 35 28.56	+87 14 32.4	16.9 N	J47	17P	2007 10 21.94743	03 55 26.62	+49 52 51.0	17.5 N	J47
8P	2007 10 21.88115	13 35 36.67	+87 14 26.1	17.3 N	J47	17P	2007 10 21.95152	03 55 26.43	+49 52 53.6	17.6 N	J47
8P	2007 10 21.89044	13 35 42.97	+87 14 20.9	17.3 N	J47	17P	2007 10 22.98748	03 54 38.17	+49 58 24.4	17.3 N	J47
8P	2007 10 23.47631	13 51 21.19	+87 01 57.7		H06	17P	2007 10 22.99810	03 54 37.68	+49 58 27.9	16.8 N	J47
8P	2007 10 23.47898	13 51 22.38	+87 01 56.3		H06	17P	2007 10 23.00996	03 54 37.19	+49 58 31.6	17.2 N	J47
16P/Brooks						29P/Schwassmann-Wachmann					
16P	2007 09 10.05277	17 02 20.90	-18 46 25.8		H68	29P	2007 09 30.03777	06 27 09.23	+30 15 06.0	16.2 N	442
16P	2007 09 10.06334	17 02 21.27	-18 46 30.3	18.6 N	H68	29P	2007 09 30.03876	06 27 09.24	+30 15 05.5	16.2 N	442
16P	2007 09 10.07399	17 02 21.54	-18 46 32.1	19.2 N	H68	29P	2007 09 30.10416	06 27 10.34	+30 15 08.1	16.2 N	939
17P/Holmes						29P	2007 09 30.11163	06 27 10.47	+30 15 08.2	16.2 N	939
17P	2007 09 25.70597	04 01 05.66	+46 08 45.5		349	29P	2007 09 30.11916	06 27 10.58	+30 15 08.4	16.2 N	939
17P	2007 09 25.70972	04 01 05.74	+46 08 47.7		349	29P	2007 09 30.18595	06 27 11.70	+30 15 09.8		B19
17P	2007 09 25.71346	04 01 05.81	+46 08 50.1	16.2 T	349	29P	2007 09 30.19027	06 27 11.77	+30 15 10.2		B19
17P	2007 10 05.91460	04 02 20.89	+47 51 50.4	17.1 N	213	29P	2007 09 30.19458	06 27 11.94	+30 15 11.2		B19
17P	2007 10 05.91725	04 02 20.87	+47 51 51.8	17.1 N	213	29P	2007 10 01.18090	06 27 28.77	+30 15 40.2	16.3 N	442
17P	2007 10 05.91991	04 02 20.83	+47 51 53.2	17.1 N	213	29P	2007 10 01.18191	06 27 28.76	+30 15 40.2	16.3 N	442
17P	2007 10 07.11103	04 02 12.23	+48 02 51.2	16.7 N	945	29P	2007 10 05.81238	06 28 38.79	+30 18 04.0		900
17P	2007 10 07.11444	04 02 12.31	+48 02 53.0	16.6 N	945	29P	2007 10 05.82120	06 28 38.92	+30 18 04.1	15.8 T	900
17P	2007 10 07.11459	04 02 12.17	+48 02 53.6		232	29P	2007 10 06.96779	06 28 53.85	+30 18 40.6	15.7 N	235
17P	2007 10 07.11799	04 02 12.55	+48 02 52.8	16.9 N	945	29P	2007 10 07.05266	06 28 54.90	+30 18 44.1	15.6 N	A18
17P	2007 10 07.12208	04 02 12.03	+48 02 57.7		232	29P	2007 10 07.06115	06 28 54.97	+30 18 43.7	15.3 N	A18
17P	2007 10 07.12439	04 02 12.10	+48 02 58.7	16.9 N	945	29P	2007 10 07.07962	06 28 55.25	+30 18 45.4	15.1 N	J51
17P	2007 10 07.12583	04 02 12.02	+48 02 59.8		232	29P	2007 10 07.08493	06 28 55.37	+30 18 45.7	15.4 N	J51
17P	2007 10 11.99976	04 01 00.00	+48 44 48.6	16.8 N	A06	29P	2007 10 07.09146	06 28 55.41	+30 18 45.5	15.4 N	J51
17P	2007 10 12.05694	04 00 58.67	+48 45 17.3	16.8 N	A06	29P	2007 10 07.13137	06 28 55.87	+30 18 46.8	15.4 T	442
17P	2007 10 12.06841	04 00 58.39	+48 45 22.8	16.8 N	A06	29P	2007 10 07.13273	06 28 55.86	+30 18 46.7	15.4 N	232
17P	2007 10 13.09562	04 00 35.06	+48 53 31.2	16.9 N	A24	29P	2007 10 07.13302	06 28 55.88	+30 18 46.6	15.3 T	442
17P	2007 10 13.09662	04 00 35.02	+48 53 31.0	16.8 N	A24	29P	2007 10 07.13648	06 28 55.91	+30 18 46.8	15.4 N	232
17P	2007 10 13.10528	04 00 34.83	+48 53 36.5	16.4 N	J52	29P	2007 10 07.14023	06 28 55.96	+30 18 46.9	15.5 N	232
17P	2007 10 13.10758	04 00 34.71	+48 53 37.3	16.5 N	J52	29P	2007 10 07.14134	06 28 55.99	+30 18 47.2	15.5 T	442
17P	2007 10 13.10795	04 00 34.66	+48 53 37.2	16.9 N	A24	29P	2007 10 07.17771	06 28 56.43	+30 18 48.2	15.5 N	213

29P	2007 10 07.17998	06 28 56.46	+30 18 48.3	15.5 N	213
29P	2007 10 07.18226	06 28 56.49	+30 18 48.3	15.5 N	213
29P	2007 10 09.18339	06 29 19.82	+30 19 54.8	15.6 N	442
29P	2007 10 09.18418	06 29 19.76	+30 19 54.9	15.6 N	442
29P	2007 10 12.07098	06 29 48.26	+30 21 33.9	15.9 N	J53
29P	2007 10 12.07878	06 29 48.33	+30 21 34.5	15.9 N	J53
29P	2007 10 12.08653	06 29 48.39	+30 21 34.7	15.8 N	J53
29P	2007 10 13.01810	06 29 56.22	+30 22 07.1	15.9 N	A06
29P	2007 10 13.02358	06 29 56.24	+30 22 07.8	15.9 N	A06
29P	2007 10 13.02908	06 29 56.29	+30 22 07.5	15.9 N	A06
29P	2007 10 13.08471	06 29 56.64	+30 22 10.2	15.9 N	A01
29P	2007 10 13.08670	06 29 56.65	+30 22 10.1	15.9 N	A01
29P	2007 10 13.09069	06 29 56.71	+30 22 10.1	15.9 N	A01
29P	2007 10 13.10944	06 29 56.87	+30 22 11.0	16.6 N	A24
29P	2007 10 13.11044	06 29 56.89	+30 22 11.1	16.4 N	A24
29P	2007 10 13.12178	06 29 56.96	+30 22 11.5	16.7 N	A24
29P	2007 10 13.13411	06 29 57.06	+30 22 11.9	16.8 N	A24
29P	2007 10 13.14545	06 29 57.12	+30 22 12.3	16.6 N	A24
29P	2007 10 13.14645	06 29 57.17	+30 22 12.2	16.7 N	A24
29P	2007 10 13.15776	06 29 57.24	+30 22 12.9	16.7 N	A24
29P	2007 10 13.17007	06 29 57.33	+30 22 13.3	16.8 N	A24
29P	2007 10 13.18139	06 29 57.43	+30 22 14.3	16.4 N	A24
29P	2007 10 13.18239	06 29 57.41	+30 22 13.9	16.6 N	A24
29P	2007 10 14.07891	06 30 04.22	+30 22 46.7	16.1 T	B06
29P	2007 10 14.07940	06 30 04.23	+30 22 47.2	16.2 T	B06
29P	2007 10 14.08281	06 30 04.19	+30 22 45.1	16.1 T	B06
29P	2007 10 14.14899	06 30 04.67	+30 22 48.2	15.9 N	A02
29P	2007 10 14.15187	06 30 04.69	+30 22 49.0	16.0 N	A02
29P	2007 10 14.15477	06 30 04.68	+30 22 49.2	16.0 N	A02
29P	2007 10 14.20542	06 30 05.04	+30 22 50.0	15.8 N	J52
29P	2007 10 14.20801	06 30 05.07	+30 22 50.0	15.8 N	J52
29P	2007 10 14.21061	06 30 05.08	+30 22 49.8	15.9 N	J52
29P	2007 10 14.99503	06 30 10.47	+30 23 18.3	16.7 N	235
29P	2007 10 15.15216	06 30 11.37	+30 23 24.9	16.1 T	442
29P	2007 10 15.15545	06 30 11.47	+30 23 26.0	15.9 T	442
29P	2007 10 15.15736	06 30 11.47	+30 23 25.1	16.0 N	442
29P	2007 10 16.08988	06 30 17.10	+30 23 58.2	16.6 N	204
29P	2007 10 16.10782	06 30 17.18	+30 23 59.0	16.5 N	A24
29P	2007 10 16.10882	06 30 17.17	+30 23 58.7	16.3 N	A24
29P	2007 10 16.11997	06 30 17.22	+30 23 59.5	16.7 N	A24
29P	2007 10 17.11984	06 30 22.40	+30 24 36.4	17.5 N	A21
29P	2007 10 17.12776	06 30 22.42	+30 24 36.8	17.8 N	A21
29P	2007 10 17.13569	06 30 22.46	+30 24 37.0	17.9 N	A21
29P	2007 10 19.18519	06 30 30.56	+30 25 55.1	16.4 T	442
29P	2007 10 20.93617	06 30 35.06	+30 27 00.5	16.7 N	J76
29P	2007 10 20.93968	06 30 35.07	+30 27 00.6	16.6 N	J76
29P	2007 10 20.94668	06 30 35.07	+30 27 00.9	16.6 N	J76
29P	2007 10 20.99015	06 30 35.14	+30 27 03.2	16.6 T	442
29P	2007 10 20.99229	06 30 35.20	+30 27 03.4	16.4 T	442
29P	2007 10 21.13301	06 30 35.29	+30 27 08.4	17.0 N	B33
29P	2007 10 22.16035	06 30 36.60	+30 27 48.1	16.4 T	442

44P/Reinmuth					
44P	2007 09 07.82756	17 32 30.94	-23 08 44.3	18.8 N	204
44P	2007 09 07.84870	17 32 32.04	-23 08 42.4		204
44P	2007 10 01.70272	17 59 53.34	-22 33 36.7	16.9 T	585
44P	2007 10 01.71850	17 59 54.65	-22 33 35.6	16.9 T	585
44P	2007 10 01.73512	17 59 56.07	-22 33 33.4	17.0 T	585
46P/Wirtanen					
46P	2007 09 21.51702	22 09 58.65	-34 09 08.9	16.9 T	E12
46P	2007 09 24.48335	22 06 14.19	-34 20 10.2	17.4 T	423
46P	2007 09 24.51645	22 06 11.69	-34 20 16.4	17.2 T	423
46P	2007 10 01.42123	21 58 31.54	-34 30 50.8	17.6 T	423
46P	2007 10 01.45283	21 58 29.58	-34 30 51.7	17.4 T	423
46P	2007 10 02.41229	21 57 33.96	-34 30 40.3	17.5 T	423
46P	2007 10 02.43862	21 57 32.36	-34 30 40.4	17.3 T	423
46P	2007 10 02.68220	21 57 17.88	-34 30 31.1	18.6 N	415
46P	2007 10 02.69065	21 57 17.37	-34 30 30.9	18.7 N	415
46P	2007 10 02.90327	21 57 06.26	-34 30 34.3	17.5 N	J51
46P	2007 10 03.95742	21 56 08.54	-34 29 41.0	17.0 N	J39
46P	2007 10 05.53372	21 54 47.98	-34 27 24.9	16.3 T	E12
46P	2007 10 06.51097	21 54 01.56	-34 25 42.2		349
46P	2007 10 06.51333	21 54 01.47	-34 25 41.4	16.5 T	349
46P	2007 10 06.84163	21 53 46.66	-34 24 57.4	17.3 N	J47
46P	2007 10 06.84426	21 53 46.30	-34 24 57.6	17.0 N	213
46P	2007 10 06.84878	21 53 46.11	-34 24 56.9	17.0 N	213
46P	2007 10 06.85444	21 53 45.85	-34 24 56.5	17.0 N	213
46P	2007 10 06.85535	21 53 46.01	-34 24 55.3	16.8 N	J47
46P	2007 10 06.87821	21 53 44.82	-34 24 52.8	17.5 N	J47
46P	2007 10 11.88347	21 50 33.20	-34 08 41.1	18.4 N	J53
46P	2007 10 11.88971	21 50 32.99	-34 08 40.1	18.2 N	J53
46P	2007 10 11.90854	21 50 32.32	-34 08 35.4	18.2 N	J53
46P	2007 10 13.57619	21 49 44.44	-34 00 54.6	18.1 N	415
46P	2007 10 13.57903	21 49 44.41	-34 00 53.5	18.5 N	415
46P	2007 10 14.57579	21 49 20.08	-33 55 54.6	18.0 N	415
46P	2007 10 14.79354	21 49 16.16	-33 54 57.0	16.0 N	J70
46P	2007 10 14.79383	21 49 15.04	-33 54 55.2	16.3 N	J70
46P	2007 10 14.79485	21 49 15.06	-33 54 53.7	16.3 N	J70
46P	2007 10 16.55518	21 48 40.82	-33 44 57.4	15.9 T	E12
46P	2007 10 18.44454	21 48 14.90	-33 33 14.9	17.0 T	423
46P	2007 10 18.46748	21 48 14.56	-33 33 05.6	17.2 T	423
46P	2007 10 20.44056	21 47 59.08	-33 19 34.0		423
46P	2007 10 20.46200	21 47 58.92	-33 19 25.9		423
50P/Arend					
50P	2007 09 17.09539	02 40 13.53	+31 12 54.9	16.8 N	138
50P	2007 09 17.10638	02 40 13.73	+31 13 08.4	17.1 N	138
50P	2007 09 17.11738	02 40 13.94	+31 13 22.1	17.5 N	138
50P	2007 09 17.68853	02 40 25.16	+31 25 13.3	16.6 T	355
50P	2007 09 17.69199	02 40 25.23	+31 25 17.4		355
50P	2007 09 17.69660	02 40 25.28	+31 25 22.9		355
50P	2007 09 30.99608	02 41 27.28	+35 57 20.9	15.5 N	J40
50P	2007 10 01.00024	02 41 27.02	+35 57 24.4	14.7 N	J40
50P	2007 10 01.00298	02 41 26.69	+35 57 30.6	17.3 N	J40
50P	2007 10 01.00438	02 41 27.07	+35 57 25.6	15.8 N	J40

2007 OCT. 26

M.P.C. 60895

50P	2007 10 03.05096	02 41 00.53	+36 38 00.9	16.6 N	J47
50P	2007 10 03.05636	02 41 00.43	+36 38 07.3	16.5 N	J47
50P	2007 10 03.06654	02 41 00.24	+36 38 19.3	16.7 N	J47
50P	2007 10 03.14709	02 40 58.56	+36 39 51.8		204
50P	2007 10 03.16059	02 40 58.30	+36 40 07.6	16.9 N	204
50P	2007 10 03.96297	02 40 45.75	+36 55 50.7	16.3 N	J51
50P	2007 10 03.96701	02 40 45.68	+36 55 55.4	16.3 N	J51
50P	2007 10 03.97515	02 40 45.51	+36 56 05.0	16.2 N	J51
50P	2007 10 05.03186	02 40 25.25	+37 16 36.7	16.5 N	J40
50P	2007 10 05.04373	02 40 25.04	+37 16 50.1	16.8 N	J40
50P	2007 10 05.05172	02 40 24.78	+37 17 00.1	16.8 N	J40
50P	2007 10 05.07115	02 40 24.21	+37 17 20.8	16.5 N	A24
50P	2007 10 05.07215	02 40 24.20	+37 17 21.6	16.6 N	A24
50P	2007 10 05.09660	02 40 23.64	+37 17 50.1	16.9 N	A24
50P	2007 10 05.12204	02 40 23.06	+37 18 19.2	16.9 N	A24
50P	2007 10 05.14651	02 40 22.52	+37 18 47.9	16.6 N	A24
50P	2007 10 05.14749	02 40 22.49	+37 18 48.2	16.3 N	A24
50P	2007 10 05.69179	02 40 11.22	+37 29 19.2		900
50P	2007 10 05.70061	02 40 11.01	+37 29 28.9	15.5 T	900
50P	2007 10 05.89706	02 40 07.14	+37 33 13.0	16.2 N	213
50P	2007 10 05.89795	02 40 07.15	+37 33 14.2	16.2 N	213
50P	2007 10 05.89947	02 40 07.13	+37 33 15.8	16.2 N	213
50P	2007 10 05.96889	02 40 05.35	+37 34 35.5	17.2 N	A21
50P	2007 10 05.97483	02 40 05.21	+37 34 42.4	18.4 N	A21
50P	2007 10 05.98078	02 40 05.07	+37 34 49.3	18.3 N	A21
50P	2007 10 06.05275	02 40 03.40	+37 36 12.6	15.7 N	945
50P	2007 10 06.05549	02 40 03.24	+37 36 16.0	15.8 N	945
50P	2007 10 06.05904	02 40 03.19	+37 36 19.9	15.9 N	945
50P	2007 10 06.06186	02 40 03.17	+37 36 24.0	16.0 N	945
50P	2007 10 06.06407	02 40 03.06	+37 36 26.3	15.9 N	945
50P	2007 10 06.63960	02 39 49.67	+37 47 25.4		349
50P	2007 10 06.64406	02 39 49.54	+37 47 30.4		349
50P	2007 10 06.64855	02 39 49.42	+37 47 35.8	16.2 T	349
50P	2007 10 06.85841	02 39 44.63	+37 51 31.6	16.8 N	235
50P	2007 10 06.89692	02 39 43.62	+37 52 16.3	16.9 N	B48
50P	2007 10 06.91568	02 39 43.10	+37 52 36.9	16.8 N	B48
50P	2007 10 06.91943	02 39 43.05	+37 52 40.9	17.2 N	B48
50P	2007 10 06.93442	02 39 42.76	+37 53 07.6	16.6 N	B48
50P	2007 10 06.95088	02 39 42.21	+37 53 17.7	16.7 N	B48
50P	2007 10 06.95363	02 39 42.12	+37 53 20.7	16.2 N	196
50P	2007 10 06.95462	02 39 42.09	+37 53 21.9	16.6 N	B48
50P	2007 10 06.95838	02 39 41.97	+37 53 26.3	16.8 N	B48
50P	2007 10 06.96197	02 39 41.82	+37 53 29.3	16.5 N	A18
50P	2007 10 06.96213	02 39 41.94	+37 53 29.8	16.9 N	B48
50P	2007 10 06.96589	02 39 41.83	+37 53 34.4	17.0 N	B48
50P	2007 10 06.96964	02 39 41.67	+37 53 39.1	16.7 N	B48
50P	2007 10 06.97340	02 39 41.52	+37 53 42.9	16.9 N	B48
50P	2007 10 06.97391	02 39 41.85	+37 53 45.7	15.3 N	J51
50P	2007 10 06.97903	02 39 41.72	+37 53 51.7	15.5 N	J51
50P	2007 10 06.98416	02 39 41.59	+37 53 57.6	16.9 N	J51
50P	2007 10 06.98880	02 39 41.10	+37 54 01.3	16.3 N	196
50P	2007 10 07.01803	02 39 40.30	+37 54 34.1	16.1 N	196
50P	2007 10 07.01803	02 39 40.43	+37 54 36.0	17.0 N	B20

50P	2007 10 07.02039	02 39 40.34	+37 54 39.2	16.7 N	B20
50P	2007 10 07.02349	02 39 40.23	+37 54 42.2	16.6 N	B20
50P	2007 10 07.02424	02 39 40.24	+37 54 43.2	16.3 N	B20
50P	2007 10 07.04184	02 39 39.78	+37 55 02.3	16.1 N	A06
50P	2007 10 07.04403	02 39 39.65	+37 55 05.6	16.1 N	A06
50P	2007 10 07.06617	02 39 39.05	+37 55 30.5	16.2 N	232
50P	2007 10 07.06830	02 39 39.00	+37 55 32.9	16.2 N	232
50P	2007 10 07.07257	02 39 38.87	+37 55 37.7	16.2 N	232
50P	2007 10 07.09301	02 39 38.37	+37 56 01.6	16.1 N	945
50P	2007 10 07.09721	02 39 38.25	+37 56 06.0	16.0 N	945
50P	2007 10 07.10042	02 39 38.10	+37 56 09.6	15.9 N	945
50P	2007 10 07.10284	02 39 38.03	+37 56 11.6	15.9 N	945
50P	2007 10 07.10454	02 39 38.03	+37 56 13.6	15.9 N	945
50P	2007 10 09.88294	02 38 19.31	+38 47 56.3	16.0 N	B39
50P	2007 10 09.95928	02 38 16.83	+38 49 20.0	15.7 N	B39
50P	2007 10 09.99351	02 38 15.55	+38 49 58.3	16.1 N	939
50P	2007 10 09.99968	02 38 15.33	+38 50 05.1	16.1 N	939
50P	2007 10 10.00576	02 38 15.12	+38 50 11.8	16.1 N	939
50P	2007 10 10.00993	02 38 15.06	+38 50 16.8	15.9 N	J53
50P	2007 10 10.01367	02 38 14.94	+38 50 20.9	15.9 N	J53
50P	2007 10 10.02495	02 38 14.53	+38 50 33.4	15.8 N	J53
50P	2007 10 10.24355	02 38 07.70	+38 54 32.1		291
50P	2007 10 10.24885	02 38 07.53	+38 54 38.1	16.4 T	291
50P	2007 10 10.25638	02 38 07.18	+38 54 46.9		291
50P	2007 10 10.85980	02 37 47.11	+39 05 39.3	16.0 N	B39
50P	2007 10 10.89228	02 37 45.97	+39 06 15.2	15.9 N	B39
50P	2007 10 10.92400	02 37 44.76	+39 06 48.9	15.5 N	B39
50P	2007 10 11.91972	02 37 09.65	+39 24 39.5	16.8 N	B20
50P	2007 10 11.92858	02 37 09.31	+39 24 49.0	16.9 N	B20
50P	2007 10 11.93704	02 37 09.01	+39 24 58.4	16.9 N	B20
50P	2007 10 11.95043	02 37 08.50	+39 25 11.9	16.0 N	A06
50P	2007 10 11.95589	02 37 08.24	+39 25 18.7	16.0 N	A06
50P	2007 10 11.96025	02 37 08.06	+39 25 23.6	16.0 N	A06
50P	2007 10 12.01780	02 37 05.87	+39 26 25.6	16.0 N	J53
50P	2007 10 12.01821	02 37 05.71	+39 26 25.1	16.9 N	130
50P	2007 10 12.01921	02 37 05.65	+39 26 26.0	16.7 N	130
50P	2007 10 12.02022	02 37 05.60	+39 26 27.2	16.8 N	130
50P	2007 10 12.02164	02 37 05.73	+39 26 29.8	16.1 N	J53
50P	2007 10 12.02223	02 37 05.52	+39 26 29.0	16.8 N	130
50P	2007 10 12.03287	02 37 05.26	+39 26 41.7	16.1 N	J53
50P	2007 10 12.07319	02 37 03.48	+39 27 23.8	16.0 N	B19
50P	2007 10 12.07918	02 37 03.30	+39 27 30.7	16.1 N	B19
50P	2007 10 12.08543	02 37 03.16	+39 27 37.8	16.0 N	B19
50P	2007 10 12.30816	02 36 54.92	+39 31 34.8	15.9 N	H47
50P	2007 10 12.31801	02 36 54.48	+39 31 45.4	16.0 N	H47
50P	2007 10 12.93251	02 36 31.44	+39 42 30.5		170
50P	2007 10 12.93744	02 36 31.28	+39 42 35.9		170
50P	2007 10 12.98416	02 36 29.37	+39 43 25.5	16.6 N	J70
50P	2007 10 12.98550	02 36 29.28	+39 43 27.9	15.2 N	J70
50P	2007 10 12.98699	02 36 29.25	+39 43 30.1	15.5 N	J70
50P	2007 10 12.98771	02 36 29.32	+39 43 31.3	16.6 N	J70
50P	2007 10 12.98837	02 36 29.16	+39 43 31.3	15.1 N	J70
50P	2007 10 12.98913	02 36 29.18	+39 43 33.0	16.6 N	J70

50P	2007 10 12.98980	02 36 29.26	+39 43 32.6	17.2 N	J70	50P	2007 10 17.49522	02 33 12.10	+40 59 00.8		D81
50P	2007 10 12.99046	02 36 29.22	+39 43 35.1	16.0 N	J70	50P	2007 10 17.49770	02 33 12.00	+40 59 04.1		D81
50P	2007 10 13.02003	02 36 27.85	+39 44 03.7	17.2 N	B20	50P	2007 10 17.50006	02 33 11.86	+40 59 06.3	15.8 T	D81
50P	2007 10 13.02214	02 36 27.73	+39 44 05.3	17.1 N	B20	50P	2007 10 17.84081	02 32 55.07	+41 04 30.0	16.2 N	J93
50P	2007 10 13.05017	02 36 26.51	+39 44 34.5	16.7 N	A24	50P	2007 10 17.84751	02 32 54.86	+41 04 36.3	16.3 N	J93
50P	2007 10 13.05117	02 36 26.40	+39 44 35.2	16.6 N	A24	50P	2007 10 17.85247	02 32 54.59	+41 04 40.8	16.2 N	J93
50P	2007 10 13.05132	02 36 26.49	+39 44 35.7	16.2 N	J52	50P	2007 10 18.93378	02 32 00.46	+41 21 42.1	16.0 N	945
50P	2007 10 13.05575	02 36 26.29	+39 44 40.4	16.1 N	J52	50P	2007 10 18.93646	02 32 00.15	+41 21 44.6	16.0 N	945
50P	2007 10 13.06021	02 36 26.05	+39 44 44.4	16.3 N	A24	50P	2007 10 18.93966	02 31 59.79	+41 21 42.9	16.1 N	945
50P	2007 10 13.06462	02 36 25.91	+39 44 49.6	16.1 N	J52	50P	2007 10 18.94337	02 31 59.82	+41 21 51.7	16.0 N	945
50P	2007 10 13.07024	02 36 25.61	+39 44 55.0	16.7 N	A24	50P	2007 10 18.94690	02 31 59.56	+41 21 55.6	16.0 N	945
50P	2007 10 13.07928	02 36 25.26	+39 45 04.1	16.5 N	A24	50P	2007 10 19.87530	02 31 11.43	+41 36 07.2	16.1 N	213
50P	2007 10 13.08028	02 36 25.19	+39 45 05.5	16.6 N	A24	50P	2007 10 19.87601	02 31 11.40	+41 36 07.8	16.1 N	213
50P	2007 10 13.98100	02 35 49.37	+40 00 41.1	16.2 T	B06	50P	2007 10 19.87957	02 31 11.22	+41 36 11.1	16.1 N	213
50P	2007 10 13.98350	02 35 49.71	+40 00 45.0	16.2 T	B06	50P	2007 10 20.30468	02 30 47.94	+41 42 38.2	16.6 N	H47
50P	2007 10 13.98599	02 35 49.03	+40 00 45.2	16.3 T	B06	50P	2007 10 20.31332	02 30 47.45	+41 42 46.8	16.5 N	H47
50P	2007 10 13.98864	02 35 49.13	+40 00 49.3	16.2 T	B06	50P	2007 10 20.85350	02 30 19.01	+41 50 45.1	16.1 N	J76
50P	2007 10 13.99126	02 35 48.91	+40 00 51.9	16.2 T	B06	50P	2007 10 20.85494	02 30 18.90	+41 50 46.7	16.0 N	J76
50P	2007 10 13.99374	02 35 48.75	+40 00 54.1	16.3 T	B06	50P	2007 10 20.85712	02 30 18.79	+41 50 48.6	16.1 N	J76
50P	2007 10 13.99866	02 35 48.61	+40 00 59.7	16.3 T	B06	50P	2007 10 20.86650	02 30 11.24	+41 52 45.5	16.0 N	945
50P	2007 10 14.08404	02 35 44.88	+40 02 27.2	16.1 N	945	50P	2007 10 20.98977	02 30 11.18	+41 52 47.8	16.0 N	945
50P	2007 10 14.08971	02 35 44.67	+40 02 32.9	16.1 N	945	50P	2007 10 20.99326	02 30 10.92	+41 52 50.1	16.0 N	945
50P	2007 10 14.09093	02 35 44.61	+40 02 33.9	16.2 N	945	50P	2007 10 20.99688	02 30 10.67	+41 52 53.5	16.1 T	442
50P	2007 10 14.09247	02 35 44.48	+40 02 35.7	16.0 N	945	50P	2007 10 20.99854	02 30 10.60	+41 52 55.8	15.9 N	945
50P	2007 10 14.09355	02 35 44.49	+40 02 37.0	16.0 N	945	50P	2007 10 20.99952	02 30 10.57	+41 52 55.7	16.2 T	442
50P	2007 10 14.29974	02 35 35.97	+40 06 10.2	16.4 N	H47	50P	2007 10 21.00190	02 30 10.36	+41 52 57.0	16.1 N	442
50P	2007 10 14.31207	02 35 35.39	+40 06 22.7	16.4 N	H47	50P	2007 10 21.44128	02 29 46.78	+41 59 22.5		D88
50P	2007 10 14.82180	02 35 14.37	+40 14 57.4	16.2 T	442	50P	2007 10 21.44447	02 29 46.55	+41 59 25.6	16.2 T	D88
50P	2007 10 14.82479	02 35 14.27	+40 15 01.1	16.2 T	442	50P	2007 10 21.84930	02 29 23.78	+42 05 15.2	16.0 N	A77
50P	2007 10 14.85181	02 35 13.05	+40 15 29.2	16.6 N	B49	50P	2007 10 21.85796	02 29 23.28	+42 05 23.2	16.1 N	A77
50P	2007 10 14.85748	02 35 12.81	+40 15 35.0	16.6 N	B49	50P	2007 10 21.86677	02 29 22.78	+42 05 31.1	16.0 N	A77
50P	2007 10 14.89821	02 35 10.91	+40 16 15.8	17.4 N	510	50P	2007 10 21.91331	02 29 20.12	+42 06 11.8	16.0 N	945
50P	2007 10 14.90227	02 35 10.71	+40 16 21.1	16.7 N	235	50P	2007 10 21.91602	02 29 20.00	+42 06 15.6	16.1 N	945
50P	2007 10 14.90369	02 35 10.63	+40 16 21.9	17.2 N	510	50P	2007 10 21.92019	02 29 19.63	+42 06 18.8	16.1 N	945
50P	2007 10 14.97878	02 35 07.51	+40 17 40.7	16.2 N	J47	50P	2007 10 21.92367	02 29 19.44	+42 06 21.7	16.1 N	945
50P	2007 10 15.00801	02 35 06.19	+40 18 11.2	16.1 N	J47	50P	2007 10 22.95525	02 28 20.69	+42 20 58.0	16.2 N	J51
50P	2007 10 15.01343	02 35 05.82	+40 18 17.3	16.1 N	J47	50P	2007 10 22.96181	02 28 20.31	+42 21 03.6	16.3 N	J51
50P	2007 10 15.01884	02 35 05.63	+40 18 21.7	16.0 N	J47	50P	2007 10 22.96838	02 28 19.90	+42 21 09.3	16.3 N	J51
50P	2007 10 15.90637	02 34 26.64	+40 33 08.4	16.3 N	J51	65P/Gunn					
50P	2007 10 15.91295	02 34 26.29	+40 33 15.1	16.2 N	J51	65P	2007 10 11.45183	08 46 01.81	+25 26 24.0	18.6 T	703
50P	2007 10 15.91954	02 34 25.93	+40 33 21.9	16.1 N	J51	65P	2007 10 11.45915	08 46 01.99	+25 26 24.3	18.4 T	703
50P	2007 10 16.04944	02 34 19.42	+40 35 31.3	16.7 N	A24	65P	2007 10 11.46652	08 46 02.31	+25 26 24.1	18.2 T	703
50P	2007 10 16.05043	02 34 19.37	+40 35 32.2	16.4 N	A24	65P	2007 10 11.47377	08 46 02.64	+25 26 23.8	18.0 T	703
50P	2007 10 16.05934	02 34 18.94	+40 35 40.8	16.8 N	A24	65P	2007 10 12.42779	08 46 42.28	+25 25 53.8	19.2 T	704
50P	2007 10 16.06926	02 34 18.46	+40 35 50.5	16.6 N	A24	65P	2007 10 12.43904	08 46 42.89	+25 25 54.5	19.9 T	704
50P	2007 10 16.07818	02 34 18.04	+40 35 59.0	16.3 N	A24	65P	2007 10 12.45027	08 46 43.29	+25 25 53.5	19.7 T	704
50P	2007 10 16.07918	02 34 17.99	+40 36 00.2	16.5 N	A24	65P	2007 10 12.46162	08 46 43.70	+25 25 55.4	19.7 T	704
50P	2007 10 16.25300	02 34 10.30	+40 38 50.6	15.3 T	703	65P	2007 10 12.47284	08 46 44.14	+25 25 54.4	19.6 T	704
50P	2007 10 16.26194	02 34 10.09	+40 38 59.9	15.4 T	703	70P/Kojima					
50P	2007 10 16.27094	02 34 09.66	+40 39 10.9	16.0 T	703	70P	2007 10 20.48516	10 14 32.10	+11 44 02.8	17.0 T	703
50P	2007 10 16.27997	02 34 09.22	+40 39 20.3	16.3 T	703	70P	2007 10 20.48898	10 14 32.60	+11 44 00.6	17.1 T	703
50P	2007 10 16.86834	02 33 41.93	+40 48 53.2	16.8 N	510	70P	2007 10 20.49279	10 14 33.18	+11 43 58.6	17.2 T	703
50P	2007 10 17.49266	02 33 12.28	+40 58 58.5		D81						

2007 OCT. 26

M.P.C. 60897

70P	2007 10 20.49657	10 14 33.68	+11 43 56.4	17.0 T	703
70P	2007 10 23.24702	10 20 21.70	+11 18 45.3	17.4 N	J51
70P	2007 10 23.25348	10 20 22.49	+11 18 41.7	17.4 N	J51
70P	2007 10 23.25994	10 20 23.25	+11 18 37.7	17.5 N	J51

74P/Smirnova-Chernykh

74P	2007 09 28.97144	05 32 49.70	+22 23 29.0	17.6 N	585
74P	2007 09 28.97515	05 32 49.71	+22 23 30.8	17.8 N	585
74P	2007 09 28.98507	05 32 49.77	+22 23 30.9	17.7 N	585
74P	2007 09 28.99117	05 32 50.07	+22 23 30.8	17.7 N	585
74P	2007 09 28.99726	05 32 50.09	+22 23 31.7	17.8 N	585
74P	2007 09 29.00361	05 32 50.24	+22 23 32.0	17.6 N	585
74P	2007 10 14.16391	05 35 29.06	+22 36 00.0	17.5 N	J52
74P	2007 10 14.16824	05 35 29.14	+22 36 01.1	17.7 N	J52
74P	2007 10 16.07831	05 35 32.12	+22 37 32.5	18.1 N	204
74P	2007 10 16.18248	05 35 32.08	+22 37 37.5		204

87P/Bus

87P	2007 05 08.85462	10 47 48.98	+07 51 06.9	18.2 N	A24
87P	2007 05 08.86780	10 47 49.46	+07 51 04.7	18.2 N	A24
87P	2007 05 08.87446	10 47 49.70	+07 51 02.8	18.4 N	A24
87P	2007 05 10.84959	10 49 12.06	+07 45 17.7	18.4 N	A24
87P	2007 05 10.85630	10 49 12.35	+07 45 16.9	18.5 N	A24
87P	2007 05 10.86920	10 49 12.89	+07 45 14.5	18.3 N	A24
87P	2007 05 10.87640	10 49 13.17	+07 45 13.0	18.5 N	A24
87P	2007 05 12.86653	10 50 41.86	+07 38 43.7	18.1 N	A24
87P	2007 05 12.87306	10 50 42.09	+07 38 42.1	18.2 N	A24
87P	2007 05 12.88508	10 50 42.59	+07 38 39.6	18.0 N	A24
87P	2007 05 12.89157	10 50 42.90	+07 38 38.1	18.1 N	A24

93P/Lovas

93P	2007 09 15.63946	01 00 09.42	+18 00 49.5	14.7 T	355
93P	2007 09 15.64176	01 00 09.36	+18 00 51.3		355
93P	2007 09 15.64523	01 00 09.30	+18 00 53.8		355
93P	2007 09 15.64638	01 00 09.23	+18 00 54.5		355
93P	2007 09 21.86291	00 57 18.54	+19 16 24.5	15.5 N	473
93P	2007 09 21.86525	00 57 18.47	+19 16 26.1	15.5 N	473
93P	2007 09 21.86564	00 57 18.45	+19 16 26.4	15.5 N	473
93P	2007 09 29.89933	00 52 08.25	+20 47 03.0	15.1 N	J49
93P	2007 09 29.90149	00 52 08.14	+20 47 03.1	15.2 N	J49
93P	2007 09 29.90369	00 52 08.07	+20 47 05.5	15.2 N	J49
93P	2007 09 30.05223	00 52 01.07	+20 48 39.1	15.1 N	939
93P	2007 09 30.05825	00 52 00.79	+20 48 43.1	15.0 N	939
93P	2007 09 30.06426	00 52 00.51	+20 48 47.1	15.1 N	939
93P	2007 09 30.90693	00 51 23.37	+20 57 38.9		170
93P	2007 09 30.91238	00 51 23.11	+20 57 42.3		170
93P	2007 09 30.92311	00 51 22.61	+20 57 50.0	15.7 N	J40
93P	2007 09 30.92360	00 51 22.66	+20 57 50.4	16.3 N	J40
93P	2007 09 30.92649	00 51 22.50	+20 57 52.5	16.6 N	J40
93P	2007 10 02.00015	00 50 32.90	+21 08 57.6	15.0 T	585
93P	2007 10 02.00619	00 50 32.63	+21 09 01.1	15.0 T	585
93P	2007 10 02.01009	00 50 32.38	+21 09 03.5	16.2 N	585
93P	2007 10 02.01398	00 50 32.22	+21 09 06.0	16.2 N	585
93P	2007 10 02.95596	00 49 48.74	+21 18 44.7	15.0 N	J51

93P	2007 10 02.96951	00 49 48.06	+21 18 53.1	14.9 N	J51
93P	2007 10 03.00525	00 49 46.23	+21 19 14.8	15.0 N	J51
93P	2007 10 04.01832	00 48 57.79	+21 29 21.4	15.2 N	J39
93P	2007 10 04.95560	00 48 12.37	+21 38 29.5	15.3 N	J40
93P	2007 10 04.95716	00 48 12.27	+21 38 30.0	15.8 N	J40
93P	2007 10 04.95860	00 48 12.20	+21 38 31.3	15.7 N	J40
93P	2007 10 04.97821	00 48 11.03	+21 38 41.1	15.1 N	A24
93P	2007 10 04.97921	00 48 10.97	+21 38 41.7	15.2 N	A24
93P	2007 10 04.98781	00 48 10.52	+21 38 46.7	15.2 N	A24
93P	2007 10 04.99741	00 48 10.02	+21 38 52.2	15.3 N	A24
93P	2007 10 05.00602	00 48 09.57	+21 38 57.1	15.2 N	A24
93P	2007 10 05.00701	00 48 09.52	+21 38 57.6	15.3 N	A24
93P	2007 10 05.02304	00 48 08.84	+21 39 07.7	14.7 N	945
93P	2007 10 05.02639	00 48 08.65	+21 39 09.7	14.7 N	945
93P	2007 10 05.02988	00 48 08.48	+21 39 12.0	14.7 N	945
93P	2007 10 05.03330	00 48 08.24	+21 39 13.9	14.6 N	945
93P	2007 10 05.03705	00 48 08.09	+21 39 15.7	14.6 N	945
93P	2007 10 05.65823	00 47 37.39	+21 45 14.8		900
93P	2007 10 05.66706	00 47 36.95	+21 45 19.9	14.9 T	900
93P	2007 10 05.86260	00 47 27.76	+21 47 08.6	14.9 N	J93
93P	2007 10 05.87356	00 47 27.23	+21 47 14.6	14.9 N	J93
93P	2007 10 05.87713	00 47 27.07	+21 47 16.6	14.9 N	J93
93P	2007 10 05.94941	00 47 23.46	+21 48 01.6	14.5 N	J47
93P	2007 10 05.95306	00 47 23.26	+21 48 03.8	14.5 N	J47
93P	2007 10 05.95671	00 47 23.06	+21 48 06.0	14.5 N	J47
93P	2007 10 06.03867	00 47 18.59	+21 48 50.0	14.4 N	945
93P	2007 10 06.04182	00 47 18.43	+21 48 52.1	14.4 N	945
93P	2007 10 06.04468	00 47 18.27	+21 48 53.5	14.5 N	945
93P	2007 10 06.04715	00 47 18.13	+21 48 54.6	14.4 N	945
93P	2007 10 06.04992	00 47 17.98	+21 48 56.5	14.5 N	945
93P	2007 10 06.06733	00 47 17.02	+21 49 06.1	14.6 N	232
93P	2007 10 06.06970	00 47 16.91	+21 49 07.5	14.5 N	232
93P	2007 10 06.07205	00 47 16.77	+21 49 08.7	14.5 N	232
93P	2007 10 06.17136	00 47 11.64	+21 50 07.0	14.4 N	J39
93P	2007 10 06.25882	00 47 07.72	+21 50 56.9	15.5 N	H47
93P	2007 10 06.27984	00 47 06.58	+21 51 08.7	15.5 N	H47
93P	2007 10 06.50797	00 46 55.63	+21 53 16.0		D88
93P	2007 10 06.51117	00 46 55.45	+21 53 17.5		D88
93P	2007 10 06.51435	00 46 55.31	+21 53 19.5	14.2 T	D88
93P	2007 10 06.57332	00 46 52.16	+21 53 53.1		349
93P	2007 10 06.57667	00 46 51.98	+21 53 54.9		349
93P	2007 10 06.58003	00 46 51.80	+21 53 56.8	14.1 T	349
93P	2007 10 06.78869	00 46 41.74	+21 55 50.8	14.5 T	442
93P	2007 10 06.78954	00 46 41.69	+21 55 50.9	14.3 T	442
93P	2007 10 06.80137	00 46 41.11	+21 55 58.3	14.5 N	A10
93P	2007 10 06.80326	00 46 41.00	+21 55 58.8	14.5 N	A10
93P	2007 10 06.80515	00 46 40.91	+21 55 59.8	14.6 N	A10
93P	2007 10 06.80704	00 46 40.79	+21 56 01.7	14.6 N	A10
93P	2007 10 06.80892	00 46 40.72	+21 56 02.1	14.6 N	A10
93P	2007 10 06.82303	00 46 39.86	+21 56 09.7	15.1 N	235
93P	2007 10 06.84528	00 46 38.70	+21 56 21.7	15.1 N	B48
93P	2007 10 06.84904	00 46 38.53	+21 56 23.8	15.1 N	B48
93P	2007 10 06.85280	00 46 38.31	+21 56 25.7	15.1 N	B48

93P	2007 10 06.85656	00 46 38.12	+21 56 28.0	14.8 N	B48	93P	2007 10 10.95927	00 43 08.16	+22 32 45.9	14.5 N	J64
93P	2007 10 06.86032	00 46 37.91	+21 56 30.3	15.2 N	B48	93P	2007 10 10.96355	00 43 07.93	+22 32 48.1	14.5 N	J64
93P	2007 10 06.86409	00 46 37.71	+21 56 32.3	15.2 N	B48	93P	2007 10 10.96783	00 43 07.67	+22 32 50.3	14.5 N	J64
93P	2007 10 06.86784	00 46 37.53	+21 56 34.5	15.3 N	B48	93P	2007 10 11.50447	00 42 40.25	+22 37 17.4	15.3 N	379
93P	2007 10 06.87160	00 46 37.32	+21 56 36.6	15.3 N	B48	93P	2007 10 11.50738	00 42 40.06	+22 37 19.0	15.3 N	379
93P	2007 10 06.87534	00 46 37.13	+21 56 38.7	15.3 N	B48	93P	2007 10 11.51030	00 42 39.91	+22 37 20.1	15.4 N	379
93P	2007 10 06.87909	00 46 36.92	+21 56 40.8	15.2 N	B48	93P	2007 10 11.89634	00 42 19.87	+22 40 30.1	14.4 N	B20
93P	2007 10 06.88284	00 46 36.73	+21 56 43.1	15.2 N	B48	93P	2007 10 11.89713	00 42 19.83	+22 40 30.3	14.5 N	B20
93P	2007 10 06.88657	00 46 36.54	+21 56 45.1	15.2 N	B48	93P	2007 10 11.89793	00 42 19.77	+22 40 31.0	14.4 N	B20
93P	2007 10 06.89037	00 46 36.33	+21 56 47.2	15.0 N	B48	93P	2007 10 11.93004	00 42 18.04	+22 40 46.0	14.5 N	A06
93P	2007 10 06.95030	00 46 33.44	+21 57 24.3	14.5 N	J51	93P	2007 10 11.93552	00 42 17.72	+22 40 48.5	14.5 N	A06
93P	2007 10 06.95773	00 46 33.04	+21 57 28.6	14.4 N	J51	93P	2007 10 11.94097	00 42 17.42	+22 40 51.2	14.5 N	A06
93P	2007 10 06.96511	00 46 32.63	+21 57 32.6	14.5 N	J51	93P	2007 10 11.97350	00 42 15.73	+22 41 07.6	14.4 N	J53
93P	2007 10 07.06425	00 46 27.14	+21 58 25.9	14.5 N	945	93P	2007 10 11.98753	00 42 14.92	+22 41 14.7	14.5 N	J53
93P	2007 10 07.06759	00 46 26.96	+21 58 27.3	14.5 N	945	93P	2007 10 11.99233	00 42 14.65	+22 41 17.0	14.4 N	J53
93P	2007 10 07.07269	00 46 26.69	+21 58 30.2	14.5 N	945	93P	2007 10 12.96245	00 41 24.56	+22 49 05.9	14.0 N	J70
93P	2007 10 07.07742	00 46 26.44	+21 58 32.9	14.6 N	945	93P	2007 10 12.96304	00 41 24.53	+22 49 06.2	14.4 N	J70
93P	2007 10 07.08226	00 46 26.17	+21 58 35.4	14.5 N	945	93P	2007 10 12.96509	00 41 24.41	+22 49 07.1	14.6 N	J70
93P	2007 10 07.14169	00 46 23.11	+21 59 06.4	14.7 N	A18	93P	2007 10 12.96549	00 41 24.39	+22 49 07.4	14.1 N	J70
93P	2007 10 07.15192	00 46 22.55	+21 59 12.0	14.7 N	A18	93P	2007 10 12.96588	00 41 24.35	+22 49 07.5	14.4 N	J70
93P	2007 10 07.27077	00 46 16.86	+22 00 20.7	15.5 N	H47	93P	2007 10 12.96625	00 41 24.31	+22 49 07.5	14.3 N	J70
93P	2007 10 07.28100	00 46 16.28	+22 00 26.6	15.5 N	H47	93P	2007 10 12.96706	00 41 24.30	+22 49 08.0	14.2 N	J70
93P	2007 10 07.88785	00 45 46.01	+22 05 57.5	14.6 T	A77	93P	2007 10 12.96737	00 41 24.25	+22 49 08.1	14.3 N	J70
93P	2007 10 07.90790	00 45 44.94	+22 06 08.6	14.6 T	A77	93P	2007 10 12.96775	00 41 24.21	+22 49 08.1	14.3 N	J70
93P	2007 10 07.92433	00 45 43.98	+22 06 16.7	14.7 N	196	93P	2007 10 12.96813	00 41 24.21	+22 49 08.3	14.6 N	J70
93P	2007 10 07.92806	00 45 43.82	+22 06 19.5	14.5 T	A77	93P	2007 10 12.96850	00 41 24.21	+22 49 08.9	14.2 N	J70
93P	2007 10 07.95846	00 45 42.14	+22 06 35.5	14.8 N	196	93P	2007 10 12.96887	00 41 24.18	+22 49 08.8	14.3 N	J70
93P	2007 10 07.98796	00 45 40.55	+22 06 51.2	14.8 N	196	93P	2007 10 12.97306	00 41 23.95	+22 49 09.1	14.3 N	J52
93P	2007 10 08.30350	00 45 24.48	+22 09 42.3	13.6 T	703	93P	2007 10 12.98414	00 41 23.34	+22 49 14.3	14.3 N	J52
93P	2007 10 08.31102	00 45 23.97	+22 09 45.4	13.6 T	703	93P	2007 10 12.98544	00 41 23.14	+22 49 14.7	15.0 N	A24
93P	2007 10 08.31854	00 45 23.58	+22 09 49.5	13.6 T	703	93P	2007 10 12.98637	00 41 23.21	+22 49 15.2	14.3 N	J52
93P	2007 10 08.32615	00 45 23.22	+22 09 54.1	13.6 T	703	93P	2007 10 12.98644	00 41 23.08	+22 49 15.3	14.8 N	A24
93P	2007 10 09.78078	00 44 09.24	+22 22 40.6	15.5 N	B02	93P	2007 10 12.99678	00 41 22.52	+22 49 20.1	14.9 N	A24
93P	2007 10 09.79091	00 44 08.72	+22 22 45.7	15.3 N	B02	93P	2007 10 13.00811	00 41 21.91	+22 49 25.4	14.8 N	A24
93P	2007 10 09.80071	00 44 08.20	+22 22 51.1	15.4 N	B02	93P	2007 10 13.01845	00 41 21.34	+22 49 30.2	14.9 N	A24
93P	2007 10 09.80714	00 44 07.87	+22 22 54.4	15.4 N	B02	93P	2007 10 13.01944	00 41 21.29	+22 49 30.6	14.9 N	A24
93P	2007 10 09.95483	00 44 00.01	+22 24 12.5	14.5 N	B39	93P	2007 10 13.05727	00 41 19.30	+22 49 48.8	14.3 N	A01
93P	2007 10 09.97247	00 43 59.12	+22 24 22.3	14.4 N	J53	93P	2007 10 13.05884	00 41 19.21	+22 49 49.5	14.3 N	A01
93P	2007 10 09.98057	00 43 58.59	+22 24 27.0	14.4 N	939	93P	2007 10 13.06278	00 41 19.00	+22 49 51.1	14.3 N	A01
93P	2007 10 09.98529	00 43 58.33	+22 24 29.5	14.4 N	939	93P	2007 10 13.94767	00 40 33.68	+22 56 46.5	14.4 T	B06
93P	2007 10 09.98760	00 43 58.29	+22 24 30.0	14.4 N	J53	93P	2007 10 13.95118	00 40 33.48	+22 56 48.0	14.3 T	B06
93P	2007 10 09.98992	00 43 58.07	+22 24 31.9	14.4 N	939	93P	2007 10 13.95431	00 40 33.33	+22 56 49.3	14.4 T	B06
93P	2007 10 09.99262	00 43 58.02	+22 24 32.6	14.4 N	J53	93P	2007 10 13.95685	00 40 33.17	+22 56 50.5	14.4 T	B06
93P	2007 10 10.22117	00 43 46.34	+22 26 27.6	14.8 T	699	93P	2007 10 13.95983	00 40 33.01	+22 56 52.2	14.4 T	B06
93P	2007 10 10.24494	00 43 45.13	+22 26 42.0		699	93P	2007 10 13.96329	00 40 32.81	+22 56 53.6	14.4 T	B06
93P	2007 10 10.26872	00 43 43.72	+22 26 52.8		699	93P	2007 10 14.06652	00 40 27.23	+22 57 40.9	14.4 N	945
93P	2007 10 10.29251	00 43 42.48	+22 27 06.3		699	93P	2007 10 14.06884	00 40 27.11	+22 57 41.6	14.3 N	945
93P	2007 10 10.83927	00 43 14.65	+22 31 44.2	14.6 N	B39	93P	2007 10 14.07124	00 40 27.00	+22 57 42.8	14.2 N	945
93P	2007 10 10.86530	00 43 13.21	+22 31 57.4	14.5 N	B39	93P	2007 10 14.07361	00 40 26.88	+22 57 43.4	14.4 N	945
93P	2007 10 10.88108	00 43 12.45	+22 32 04.3	14.7 N	J93	93P	2007 10 14.07769	00 40 26.64	+22 57 45.8	14.3 N	945
93P	2007 10 10.88441	00 43 12.26	+22 32 05.6	14.8 N	J93	93P	2007 10 14.79683	00 39 50.45	+23 03 12.2	14.6 T	442
93P	2007 10 10.88774	00 43 12.04	+22 32 07.7	14.7 N	J93	93P	2007 10 14.80458	00 39 50.06	+23 03 16.0	14.4 T	442
93P	2007 10 10.89779	00 43 11.48	+22 32 14.1	14.3 N	B39	93P	2007 10 14.84455	00 39 47.79	+23 03 33.8	15.2 N	235

2007 OCT. 26

M.P.C. 60899

93P	2007 10 14.85405	00 39 47.48	+23 03 40.1	15.4 N	J70	93P	2007 10 15.98675	00 38 49.02	+23 11 59.3	14.9 N	A24
93P	2007 10 14.85485	00 39 47.29	+23 03 41.1	14.6 N	J70	93P	2007 10 15.98775	00 38 48.97	+23 11 59.6	14.9 N	A24
93P	2007 10 14.85537	00 39 47.31	+23 03 39.9	14.8 N	J70	93P	2007 10 15.99802	00 38 48.41	+23 12 04.1	15.0 N	A24
93P	2007 10 14.85575	00 39 47.31	+23 03 40.6	14.3 N	J70	93P	2007 10 15.99980	00 38 48.56	+23 12 07.5	14.3 N	J39
93P	2007 10 14.85613	00 39 47.30	+23 03 41.3	14.8 N	J70	93P	2007 10 16.00027	00 38 48.51	+23 12 09.1	14.2 N	J39
93P	2007 10 14.85650	00 39 47.33	+23 03 40.2	15.2 N	J70	93P	2007 10 16.00064	00 38 48.51	+23 12 08.0	14.3 N	J39
93P	2007 10 14.87949	00 39 46.23	+23 03 52.4	14.4 N	J51	93P	2007 10 16.00100	00 38 48.50	+23 12 08.8	14.3 N	J39
93P	2007 10 14.88178	00 39 46.10	+23 03 53.5	14.4 N	J51	93P	2007 10 16.00135	00 38 48.50	+23 12 09.5	14.3 N	J39
93P	2007 10 14.88524	00 39 45.91	+23 03 55.0	14.5 N	J51	93P	2007 10 16.00171	00 38 48.44	+23 12 08.7	14.3 N	J39
93P	2007 10 14.88584	00 39 45.71	+23 03 53.2	14.4 N	945	93P	2007 10 16.00929	00 38 47.82	+23 12 08.9	15.0 N	A24
93P	2007 10 14.88876	00 39 45.55	+23 03 54.5	14.4 N	945	93P	2007 10 16.01956	00 38 47.26	+23 12 13.2	15.0 N	A24
93P	2007 10 14.89200	00 39 45.36	+23 03 56.1	14.4 N	945	93P	2007 10 16.02056	00 38 47.21	+23 12 13.6	15.0 N	A24
93P	2007 10 14.89542	00 39 45.19	+23 03 57.6	14.4 N	945	93P	2007 10 16.60027	00 38 18.02	+23 16 25.2	15.3 N	379
93P	2007 10 14.89896	00 39 45.00	+23 03 59.2	14.4 N	945	93P	2007 10 16.60464	00 38 17.77	+23 16 26.9	15.2 N	379
93P	2007 10 14.90179	00 39 44.96	+23 04 02.8	14.3 N	J47	93P	2007 10 16.60610	00 38 17.66	+23 16 27.4	15.4 N	379
93P	2007 10 14.91286	00 39 44.38	+23 04 07.8	14.3 N	J47	93P	2007 10 16.77764	00 38 09.71	+23 17 37.3	14.6 N	J44
93P	2007 10 14.91928	00 39 43.72	+23 04 07.2	15.1 T	B32	93P	2007 10 16.78307	00 38 09.41	+23 17 39.3	15.0 N	J44
93P	2007 10 14.91951	00 39 44.02	+23 04 10.8	14.3 N	J47	93P	2007 10 16.88370	00 38 04.04	+23 18 21.7	15.7 N	987
93P	2007 10 14.92293	00 39 43.54	+23 04 08.8	15.0 T	B32	93P	2007 10 16.88499	00 38 03.99	+23 18 22.0	15.7 N	987
93P	2007 10 14.92394	00 39 43.77	+23 04 12.7	14.3 N	J47	93P	2007 10 16.89189	00 38 03.54	+23 18 26.1	15.4 N	510
93P	2007 10 14.92657	00 39 43.33	+23 04 10.5	15.0 T	B32	93P	2007 10 17.82481	00 37 17.09	+23 24 53.2	15.0 N	J93
93P	2007 10 14.93023	00 39 43.14	+23 04 12.1	15.0 T	B32	93P	2007 10 17.82638	00 37 17.05	+23 24 54.4	15.1 N	J93
93P	2007 10 14.94104	00 39 42.56	+23 04 17.2	15.0 N	510	93P	2007 10 17.82792	00 37 16.97	+23 24 54.5	15.1 N	J93
93P	2007 10 14.94186	00 39 42.55	+23 04 17.3	15.7 N	510	93P	2007 10 18.54809	00 36 41.05	+23 29 49.3	15.1 N	379
93P	2007 10 14.94350	00 39 42.46	+23 04 18.3	15.8 N	510	93P	2007 10 18.55031	00 36 40.93	+23 29 50.2	15.1 N	379
93P	2007 10 14.94446	00 39 42.39	+23 04 18.0	16.3 N	A21	93P	2007 10 18.55253	00 36 40.78	+23 29 51.2	15.1 N	379
93P	2007 10 14.95636	00 39 41.74	+23 04 23.4	15.9 N	A21	93P	2007 10 18.79988	00 36 29.07	+23 31 27.2	14.3 N	213
93P	2007 10 14.96827	00 39 41.11	+23 04 28.7	15.8 N	A21	93P	2007 10 18.80177	00 36 28.97	+23 31 28.0	14.3 N	213
93P	2007 10 15.82044	00 38 58.03	+23 10 45.8	15.1 N	138	93P	2007 10 18.80366	00 36 28.89	+23 31 29.3	14.3 N	213
93P	2007 10 15.83419	00 38 57.24	+23 10 52.0	14.6 N	A97	93P	2007 10 18.88118	00 36 24.95	+23 32 00.5	14.3 N	458
93P	2007 10 15.83729	00 38 57.06	+23 10 53.2	14.6 N	A97	93P	2007 10 18.88429	00 36 24.76	+23 32 02.0	14.3 N	458
93P	2007 10 15.84009	00 38 56.90	+23 10 54.5	14.6 N	A97	93P	2007 10 18.88479	00 36 24.73	+23 32 02.6	14.3 N	458
93P	2007 10 15.84290	00 38 56.77	+23 10 55.8	14.6 N	A97	93P	2007 10 18.91189	00 36 23.26	+23 32 12.9	14.3 N	945
93P	2007 10 15.84570	00 38 56.61	+23 10 57.2	14.6 N	A97	93P	2007 10 18.91480	00 36 23.17	+23 32 14.0	14.3 N	945
93P	2007 10 15.84851	00 38 56.44	+23 10 58.2	14.6 N	A97	93P	2007 10 18.91755	00 36 23.03	+23 32 15.1	14.3 N	945
93P	2007 10 15.86031	00 38 55.89	+23 11 03.5	15.1 N	138	93P	2007 10 18.92074	00 36 22.87	+23 32 16.4	14.3 N	945
93P	2007 10 15.87287	00 38 55.56	+23 11 12.3	14.3 N	J39	93P	2007 10 18.92390	00 36 22.70	+23 32 17.8	14.2 N	945
93P	2007 10 15.87324	00 38 55.49	+23 11 12.2	14.3 N	J39	93P	2007 10 19.87235	00 35 36.99	+23 38 27.8	14.3 N	J47
93P	2007 10 15.87360	00 38 55.42	+23 11 12.6	14.3 N	J39	93P	2007 10 19.87447	00 35 36.95	+23 38 29.5	14.2 N	J47
93P	2007 10 15.87396	00 38 55.37	+23 11 12.7	14.3 N	J39	93P	2007 10 19.87929	00 35 36.68	+23 38 31.0	14.2 N	J47
93P	2007 10 15.87432	00 38 55.38	+23 11 12.8	14.3 N	J39	93P	2007 10 19.88654	00 35 36.30	+23 38 33.9	14.3 N	J47
93P	2007 10 15.87469	00 38 55.47	+23 11 13.3	14.4 N	J39	93P	2007 10 20.74624	00 34 54.38	+23 43 55.9		D70
93P	2007 10 15.88164	00 38 54.72	+23 11 13.4		203	93P	2007 10 20.74711	00 34 54.35	+23 43 56.3		D70
93P	2007 10 15.93153	00 38 52.04	+23 11 35.2		203	93P	2007 10 20.74987	00 34 54.19	+23 43 57.1	14.2 T	D70
93P	2007 10 15.93832	00 38 51.65	+23 11 38.3	15.0 N	473	93P	2007 10 20.82228	00 34 51.75	+23 44 23.9	14.4 N	J78
93P	2007 10 15.93910	00 38 51.60	+23 11 38.6	15.0 N	473	93P	2007 10 20.82423	00 34 51.68	+23 44 24.6	14.4 N	J78
93P	2007 10 15.94643	00 38 51.24	+23 11 41.7	14.1 N	224	93P	2007 10 20.82501	00 34 51.64	+23 44 25.3	14.5 N	J78
93P	2007 10 15.95124	00 38 50.96	+23 11 43.6	14.1 N	224	93P	2007 10 20.83208	00 34 51.30	+23 44 27.8	14.4 N	J76
93P	2007 10 15.95266	00 38 50.84	+23 11 44.5	14.9 N	A24	93P	2007 10 20.83396	00 34 51.21	+23 44 28.6	14.3 N	J76
93P	2007 10 15.95366	00 38 50.82	+23 11 44.9	14.9 N	A24	93P	2007 10 20.83546	00 34 51.15	+23 44 29.1	14.3 N	J76
93P	2007 10 15.95604	00 38 50.72	+23 11 45.6	14.1 N	224	93P	2007 10 21.13137	00 34 37.08	+23 46 19.8	14.7 N	H47
93P	2007 10 15.96436	00 38 50.24	+23 11 49.6	14.9 N	A24	93P	2007 10 21.13769	00 34 36.76	+23 46 22.0	14.9 N	H47
93P	2007 10 15.97605	00 38 49.61	+23 11 54.7	14.9 N	A24	93P	2007 10 21.42323	00 34 23.71	+23 48 04.6		D88

93P	2007 10 21.42641	00 34 23.56	+23 48 05.5		D88	110P	2007 10 13.12392	05 37 20.64	+33 44 07.2	17.8 N	A24
93P	2007 10 21.42959	00 34 23.39	+23 48 07.2	14.0 T	D88	110P	2007 10 13.14855	05 37 21.48	+33 44 08.8	17.5 N	A24
93P	2007 10 21.49815	00 34 19.96	+23 48 32.8	15.0 N	379	110P	2007 10 14.10461	05 37 54.33	+33 44 56.4	17.4 N	A02
93P	2007 10 21.50037	00 34 19.86	+23 48 33.6	15.1 N	379	110P	2007 10 14.13522	05 37 55.30	+33 44 57.3	17.4 N	A02
93P	2007 10 21.50259	00 34 19.76	+23 48 34.1	15.3 N	379	110P	2007 10 14.13949	05 37 55.47	+33 44 57.2	17.3 N	A02
93P	2007 10 21.51345	00 34 19.22	+23 48 38.7	15.2 N	379	110P	2007 10 15.00604	05 38 24.00	+33 45 37.4	17.3 N	235
93P	2007 10 21.81697	00 34 05.41	+23 50 25.7	14.3 N	213	110P	2007 10 16.09684	05 38 57.90	+33 46 25.6		204
93P	2007 10 21.82100	00 34 05.20	+23 50 27.2	14.4 N	213	110P	2007 10 16.15716	05 38 59.57	+33 46 28.1	18.2 N	204
93P	2007 10 21.82504	00 34 05.01	+23 50 28.7	14.3 N	213	110P	2007 10 16.95052	05 39 23.14	+33 46 58.6	18.3 N	987
93P	2007 10 21.89274	00 34 01.74	+23 50 53.3	14.3 N	945	110P	2007 10 16.96516	05 39 23.58	+33 46 59.2	19.2 N	987
93P	2007 10 21.89586	00 34 01.62	+23 50 54.3	14.3 N	945	110P	2007 10 17.05079	05 39 25.97	+33 47 03.2	18.0 N	987
93P	2007 10 21.89936	00 34 01.45	+23 50 55.7	14.3 N	945	110P	2007 10 17.09065	05 39 27.07	+33 47 05.1	18.2 N	A21
93P	2007 10 21.90280	00 34 01.25	+23 50 57.0	14.3 N	945	110P	2007 10 17.09857	05 39 27.27	+33 47 05.4	18.3 N	A21
93P	2007 10 21.90622	00 34 01.06	+23 50 58.3	14.3 N	945	110P	2007 10 17.10650	05 39 27.49	+33 47 05.6	18.0 N	A21
93P	2007 10 22.84869	00 33 18.66	+23 56 30.6	14.4 N	J51	110P	2007 10 21.13976	05 41 07.96	+33 49 13.1	17.4 N	B33
93P	2007 10 22.85877	00 33 18.19	+23 56 34.3	14.4 N	J51						
93P	2007 10 22.86503	00 33 17.88	+23 56 36.7	14.4 N	J51						
93P	2007 10 22.87006	00 33 17.63	+23 56 38.3	14.4 N	J51						
96P/Machholz											
96P	2007 08 12.50141	16 30 32.79	-15 31 59.3		349						
96P	2007 08 12.50587	16 30 32.78	-15 32 01.4	17.6 T	349						
108P/Ciffréo											
108P	2007 10 03.17175	08 19 11.43	+27 16 27.5	18.7 N	204						
108P	2007 10 07.45465	08 28 48.90	+27 15 38.8		703						
108P	2007 10 07.45521	08 28 48.75	+27 15 39.3	17.6 T	703						
108P	2007 10 07.46009	08 28 49.40	+27 15 39.4		703						
108P	2007 10 07.46065	08 28 49.40	+27 15 39.7	17.6 T	703						
108P	2007 10 07.46551	08 28 50.19	+27 15 40.1		703						
108P	2007 10 07.46605	08 28 50.08	+27 15 39.1	17.2 T	703						
108P	2007 10 07.47091	08 28 50.91	+27 15 40.1		703						
108P	2007 10 07.47145	08 28 50.70	+27 15 39.3	17.4 T	703						
110P/Hartley											
110P	2007 09 29.02892	05 26 32.65	+33 27 06.9	17.5 N	585						
110P	2007 09 29.04171	05 26 33.39	+33 27 07.3	17.8 N	585						
110P	2007 09 29.05427	05 26 34.09	+33 27 08.2	17.7 N	585						
110P	2007 10 01.12911	05 28 27.96	+33 30 13.0	15.7 N	J40						
110P	2007 10 01.13030	05 28 28.02	+33 30 11.9	15.7 N	J40						
110P	2007 10 01.13157	05 28 28.09	+33 30 11.6	15.5 N	J40						
110P	2007 10 05.72860	05 32 17.08	+33 36 24.4		900						
110P	2007 10 05.73742	05 32 17.45	+33 36 25.8	17.6 T	900						
110P	2007 10 07.16524	05 33 22.63	+33 38 07.5	17.5 N	213						
110P	2007 10 07.16802	05 33 22.76	+33 38 07.8	17.5 N	213						
110P	2007 10 07.17080	05 33 22.87	+33 38 08.0	17.6 N	213						
110P	2007 10 12.02192	05 36 40.99	+33 43 08.3	17.4 N	A06						
110P	2007 10 12.02574	05 36 41.12	+33 43 08.6	17.4 N	A06						
110P	2007 10 12.02956	05 36 41.25	+33 43 09.8	17.4 N	A06						
110P	2007 10 12.06207	05 36 42.38	+33 43 10.7	17.9 N	130						
110P	2007 10 12.06357	05 36 42.45	+33 43 10.9	18.1 N	130						
110P	2007 10 12.06508	05 36 42.48	+33 43 10.9	17.8 N	130						
110P	2007 10 12.06659	05 36 42.59	+33 43 10.9	18.1 N	130						
110P	2007 10 13.11160	05 37 20.24	+33 44 06.3	17.6 N	A24						
						113P	2007 10 04.96478	00 12 57.35	-00 06 05.7	17.8 N	A24
						113P	2007 10 04.97451	00 12 56.70	-00 06 08.1	17.2 N	A24
						113P	2007 10 04.97939	00 12 56.51	-00 06 08.7	16.7 N	A24
						113P	2007 10 04.98424	00 12 56.20	-00 06 09.7	16.7 N	A24
						113P	2007 10 06.20405	00 11 57.56	-00 08 42.8	18.5 T	704
						113P	2007 10 06.21490	00 11 57.05	-00 08 44.8	19.3 T	704
						113P	2007 10 06.22585	00 11 56.45	-00 08 46.4	19.0 T	704
						113P	2007 10 06.23668	00 11 55.98	-00 08 45.9	19.0 T	704
						113P	2007 10 06.24751	00 11 55.41	-00 08 49.7	19.4 T	704
						113P	2007 10 08.20333	00 10 21.85	-00 12 49.7	18.5 T	704
						113P	2007 10 08.21431	00 10 21.33	-00 12 50.1	19.0 T	704
						113P	2007 10 08.22528	00 10 20.72	-00 12 51.9	18.8 T	704
						113P	2007 10 08.23273	00 10 20.42	-00 12 52.9	18.2 T	699
						113P	2007 10 08.23625	00 10 20.25	-00 12 53.9	18.9 T	704
						113P	2007 10 08.24721	00 10 19.67	-00 12 54.7	18.9 T	704
						113P	2007 10 08.25465	00 10 19.34	-00 12 56.7		699
						113P	2007 10 08.29852	00 10 17.13	-00 13 01.5		699
						113P	2007 10 12.96768	00 06 41.41	-00 21 30.1	17.0 N	A24
						113P	2007 10 12.96867	00 06 41.37	-00 21 29.5	17.4 N	A24
						113P	2007 10 12.97900	00 06 40.87	-00 21 31.2	17.5 N	A24
						113P	2007 10 12.99032	00 06 40.34	-00 21 32.2	17.8 N	A24
						113P	2007 10 13.00065	00 06 39.81	-00 21 33.2	17.5 N	A24
						113P	2007 10 13.00164	00 06 39.82	-00 21 33.1	17.2 N	A24
						113P	2007 10 14.19976	00 05 47.10	-00 23 25.0	18.9 T	704
						113P	2007 10 14.21090	00 05 46.55	-00 23 26.1	19.1 T	704
						113P	2007 10 14.22207	00 05 46.08	-00 23 27.1	19.2 T	704
						113P	2007 10 14.23314	00 05 45.53	-00 23 28.3	19.4 T	704
						113P	2007 10 14.24420	00 05 45.07	-00 23 28.9	19.2 T	704
						113P	2007 10 15.93579	00 04 32.38	-00 25 54.0	17.3 N	A24
						113P	2007 10 15.94652	00 04 31.92	-00 25 55.8	17.5 N	A24
						113P	2007 10 15.95824	00 04 31.39	-00 25 56.9	17.6 N	A24
						113P	2007 10 15.96996	00 04 30.78	-00 25 58.0	17.3 N	A24
						113P	2007 10 15.99153	00 04 29.84	-00 25 59.4	18.1 N	A24
						113P	2007 10 16.00182	00 04 29.39	-00 25 59.1	17.4 N	A24
						113P	2007 10 18.25561	00 02 57.01	-00 28 40.9	19.1 T	704
						113P	2007 10 18.26709	00 02 56.53	-00 28 42.5	19.1 T	704

2007 OCT. 26

M.P.C. 60901

113P	2007 10 18.27855	00 02 56.01	−00 28 41.9	19.1 T	704
113P	2007 10 18.29000	00 02 55.58	−00 28 42.6	19.5 T	704
113P	2007 10 18.30147	00 02 55.06	−00 28 42.4	19.2 T	704

116P/Wild

116P	2007 10 16.42377	04 32 38.72	+24 42 59.0	19.1 T	G96
116P	2007 10 16.43242	04 32 38.50	+24 42 59.2	18.8 T	G96
116P	2007 10 16.44106	04 32 38.36	+24 42 59.5	19.0 T	G96
116P	2007 10 16.44969	04 32 38.18	+24 42 59.7	18.9 T	G96
116P	2007 10 21.95368	04 30 34.54	+24 43 59.6	19.4 N	213
116P	2007 10 21.98650	04 30 33.63	+24 43 59.8	19.4 N	213
116P	2007 10 21.99744	04 30 33.41	+24 44 01.2	19.4 N	213

117P/Helin-Roman-Alu

117P	2007 10 05.01973	02 18 42.22	+07 57 47.1	16.6 N	A24
117P	2007 10 05.02073	02 18 42.14	+07 57 46.1	16.2 N	A24
117P	2007 10 05.04947	02 18 41.19	+07 57 42.7	16.2 N	A24
117P	2007 10 05.05047	02 18 41.17	+07 57 42.8	16.6 N	A24
117P	2007 10 06.67920	02 17 45.36	+07 53 57.7		349
117P	2007 10 06.68358	02 17 45.21	+07 53 56.8		349
117P	2007 10 06.68794	02 17 45.03	+07 53 56.3	16.4 T	349
117P	2007 10 07.02991	02 17 33.44	+07 53 10.0	16.3 N	J51
117P	2007 10 07.03249	02 17 33.13	+07 53 07.7	16.6 N	232
117P	2007 10 07.03679	02 17 32.94	+07 53 06.7	16.5 N	232
117P	2007 10 07.04067	02 17 32.86	+07 53 06.6	16.6 N	232
117P	2007 10 07.04267	02 17 33.12	+07 53 08.6	16.1 N	J51
117P	2007 10 07.26323	02 17 25.18	+07 52 36.9	17.5 T	704
117P	2007 10 07.27427	02 17 24.73	+07 52 35.7	19.7 T	704
117P	2007 10 07.29610	02 17 23.78	+07 52 31.2	19.0 T	704
117P	2007 10 07.30702	02 17 23.32	+07 52 29.6	19.1 T	704
117P	2007 10 07.33877	02 17 22.16	+07 52 23.2		703
117P	2007 10 07.34473	02 17 21.95	+07 52 23.1		703
117P	2007 10 07.35073	02 17 21.79	+07 52 22.6		703
117P	2007 10 07.35672	02 17 21.70	+07 52 21.3		703
117P	2007 10 10.01080	02 15 46.86	+07 46 06.8	16.5 N	939
117P	2007 10 10.01819	02 15 46.58	+07 46 05.7	16.5 N	939
117P	2007 10 10.02560	02 15 46.30	+07 46 04.7	16.5 N	939
117P	2007 10 10.21696	02 15 39.50	+07 45 38.2	18.4 T	291
117P	2007 10 10.22404	02 15 39.22	+07 45 37.4	18.3 T	291
117P	2007 10 10.23217	02 15 38.90	+07 45 35.7	18.3 T	291
117P	2007 10 13.02194	02 13 55.33	+07 38 54.0	16.1 N	J52
117P	2007 10 13.02602	02 13 55.13	+07 38 54.3	16.3 N	A24
117P	2007 10 13.02702	02 13 55.10	+07 38 54.1	16.4 N	A24
117P	2007 10 13.02856	02 13 55.08	+07 38 53.1	16.1 N	J52
117P	2007 10 13.03659	02 13 54.71	+07 38 52.7	16.5 N	A24
117P	2007 10 13.03743	02 13 54.71	+07 38 51.3	16.1 N	J52
117P	2007 10 13.04717	02 13 54.31	+07 38 51.1	16.5 N	A24
117P	2007 10 13.05674	02 13 53.91	+07 38 49.7	16.0 N	A24
117P	2007 10 13.05774	02 13 53.92	+07 38 49.4	16.3 N	A24
117P	2007 10 13.25213	02 13 46.71	+07 38 22.5	17.3 T	704
117P	2007 10 13.26323	02 13 46.27	+07 38 21.1	19.3 T	704
117P	2007 10 13.27432	02 13 45.81	+07 38 19.7	20.3 T	704
117P	2007 10 13.28542	02 13 45.32	+07 38 16.2	19.1 T	704
117P	2007 10 13.29650	02 13 44.71	+07 38 14.9	19.1 T	704

117P	2007 10 14.00192	02 13 18.31	+07 36 31.8	17.0 N	J59
117P	2007 10 14.01562	02 13 17.68	+07 36 30.2	17.1 N	J59
117P	2007 10 14.30489	02 13 06.75	+07 35 50.6	17.5 T	704
117P	2007 10 14.30728	02 13 06.72	+07 35 49.9	17.2 T	704
117P	2007 10 14.31607	02 13 06.36	+07 35 50.8	17.5 T	704
117P	2007 10 14.31852	02 13 06.25	+07 35 46.2	19.5 T	704
117P	2007 10 14.32974	02 13 05.71	+07 35 46.5	20.1 T	704
117P	2007 10 14.33821	02 13 05.40	+07 35 46.2	18.3 T	704
117P	2007 10 14.34101	02 13 05.26	+07 35 45.8	19.7 T	704
117P	2007 10 14.34932	02 13 04.85	+07 35 43.4	18.3 T	704
117P	2007 10 14.35227	02 13 04.56	+07 35 43.1	18.6 T	704
117P	2007 10 14.93263	02 12 42.82	+07 34 20.4	16.9 N	J51
117P	2007 10 14.94033	02 12 42.49	+07 34 18.3	16.5 N	J51
117P	2007 10 14.94803	02 12 42.21	+07 34 16.8	16.7 N	J51
117P	2007 10 15.00810	02 12 39.81	+07 34 08.0	16.1 T	A77
117P	2007 10 15.02356	02 12 39.22	+07 34 05.9	16.2 T	A77
117P	2007 10 15.03897	02 12 38.59	+07 34 03.3	16.1 T	A77
117P	2007 10 16.02713	02 12 00.57	+07 31 40.7	16.1 N	A24
117P	2007 10 16.02813	02 12 00.55	+07 31 41.1	16.2 N	A24
117P	2007 10 16.03704	02 12 00.18	+07 31 39.4	16.2 N	A24
117P	2007 10 16.04694	02 11 59.80	+07 31 38.0	16.3 N	A24
117P	2007 10 16.05585	02 11 59.44	+07 31 36.2	15.8 N	A24
117P	2007 10 16.05685	02 11 59.41	+07 31 36.5	16.3 N	A24
117P	2007 10 18.04566	02 10 42.04	+07 26 50.1	16.0 T	A77
117P	2007 10 18.05998	02 10 41.43	+07 26 47.9	15.9 T	A77
117P	2007 10 18.07429	02 10 40.85	+07 26 45.9	15.9 T	A77
117P	2007 10 18.25478	02 10 34.05	+07 26 21.2	17.0 T	704
117P	2007 10 18.26625	02 10 33.53	+07 26 19.0	19.1 T	704
117P	2007 10 18.28917	02 10 32.53	+07 26 15.8	19.1 T	704
117P	2007 10 18.30064	02 10 32.03	+07 26 14.6	18.6 T	704
117P	2007 10 19.91499	02 09 28.69	+07 22 23.5	16.3 N	J47
117P	2007 10 19.94036	02 09 27.68	+07 22 20.0	16.1 N	J47
117P	2007 10 19.96750	02 09 26.50	+07 22 14.7	16.9 N	J59
117P	2007 10 19.96814	02 09 26.58	+07 22 16.0	16.1 N	J47
117P	2007 10 19.97771	02 09 26.10	+07 22 12.4	16.8 N	J59
117P	2007 10 19.98655	02 09 25.79	+07 22 11.8	16.8 N	J59
117P	2007 10 20.24869	02 09 15.59	+07 21 36.3	16.7 T	704
117P	2007 10 20.26024	02 09 15.09	+07 21 33.4	18.1 T	704
117P	2007 10 20.27181	02 09 14.55	+07 21 31.9	18.3 T	704
117P	2007 10 20.28318	02 09 14.08	+07 21 31.1	17.8 T	704
117P	2007 10 20.29461	02 09 13.67	+07 21 29.1	18.0 T	704
117P	2007 10 20.99807	02 08 45.79	+07 19 49.6	16.3 N	J47
117P	2007 10 20.99885	02 08 45.77	+07 19 49.9	16.6 N	J47
117P	2007 10 21.00206	02 08 45.64	+07 19 49.1	16.6 N	J47
117P	2007 10 21.46004	02 08 27.62	+07 18 44.2		D88
117P	2007 10 21.46322	02 08 27.43	+07 18 43.6		D88
117P	2007 10 21.46640	02 08 27.29	+07 18 43.1	16.1 T	D88

125P/Spacewatch

125P	2007 09 16.42081	15 21 32.48	−10 17 11.8		349
125P	2007 09 16.42169	15 21 32.62	−10 17 12.7	16.0 T	349
125P	2007 09 16.82243	15 22 43.32	−10 23 03.3	16.1 N	J76
125P	2007 09 16.82388	15 22 43.79	−10 23 04.1	16.0 N	J76

125P	2007 09 16.82533	15 22 44.20	−10 23 06.8	15.9 N	J76	136P	2007 10 20.27051	23 38 11.76	−12 27 55.5	17.2 T	G96
125P	2007 09 21.41086	15 36 18.80	−11 28 13.8	16.0 T	E12	136P	2007 10 20.27708	23 38 11.65	−12 27 55.4	17.1 T	G96
	128P/Shoemaker-Holt					136P	2007 10 20.28373	23 38 11.54	−12 27 56.6	17.0 T	G96
128P	2007 09 19.41618	06 55 45.78	+19 34 46.1	19.1 T	704	136P	2007 10 20.29032	23 38 11.40	−12 27 57.4	17.5 T	G96
128P	2007 09 19.42826	06 55 46.58	+19 34 44.5	19.3 T	704		139P/Väisälä-Oterma				
128P	2007 09 19.44032	06 55 47.38	+19 34 42.2	19.5 T	704	139P	2007 09 19.01647	01 01 32.64	+09 14 14.8	19.3 N	130
128P	2007 09 19.45237	06 55 48.16	+19 34 40.5	19.3 T	704	139P	2007 09 19.02291	01 01 32.47	+09 14 13.6	19.0 N	130
128P	2007 09 19.46440	06 55 49.02	+19 34 38.2	19.3 T	704	139P	2007 09 19.02910	01 01 32.23	+09 14 12.1	19.2 N	130
128P	2007 09 29.11794	07 05 53.89	+19 06 07.4	18.1 T	585	139P	2007 10 01.05429	00 55 03.24	+08 32 22.6		118
128P	2007 09 29.12375	07 05 54.29	+19 06 06.2	18.2 T	585	139P	2007 10 01.06087	00 55 03.03	+08 32 21.6		118
128P	2007 09 29.12912	07 05 54.75	+19 06 04.9	18.1 T	585	139P	2007 10 04.32002	00 53 08.48	+08 19 32.6	18.5 T	703
128P	2007 10 07.43460	07 13 31.35	+18 40 34.9	19.8 T	704	139P	2007 10 04.32764	00 53 08.19	+08 19 31.0	18.4 T	703
128P	2007 10 07.44586	07 13 32.00	+18 40 33.3	19.6 T	704	139P	2007 10 04.33528	00 53 07.94	+08 19 29.1	18.2 T	703
128P	2007 10 07.45708	07 13 32.65	+18 40 31.0	19.8 T	704	139P	2007 10 04.34287	00 53 07.72	+08 19 26.9	18.4 T	703
128P	2007 10 07.46828	07 13 33.02	+18 40 26.9	19.7 T	704	139P	2007 10 05.00817	00 52 44.01	+08 16 44.9	17.4 N	A24
128P	2007 10 13.41802	07 18 19.42	+18 22 10.1	19.7 T	704	139P	2007 10 05.00915	00 52 44.12	+08 16 45.7	17.7 N	A24
128P	2007 10 13.44066	07 18 20.51	+18 22 05.0	20.2 T	704	139P	2007 10 05.01863	00 52 43.71	+08 16 43.2	18.1 N	A24
128P	2007 10 13.45192	07 18 21.00	+18 22 02.4	19.9 T	704	139P	2007 10 05.02909	00 52 43.36	+08 16 41.5	18.4 N	A24
128P	2007 10 13.46321	07 18 21.57	+18 22 01.0	19.9 T	704	139P	2007 10 05.03857	00 52 43.00	+08 16 39.1	17.7 N	A24
128P	2007 10 21.10154	07 23 34.35	+17 58 56.5	18.6 N	204	139P	2007 10 05.93280	00 52 11.31	+08 13 00.3	18.5 N	A21
128P	2007 10 22.11913	07 24 11.17	+17 55 56.0		204	139P	2007 10 05.94073	00 52 11.01	+08 12 58.6	19.2 N	A21
128P	2007 10 22.16477	07 24 12.75	+17 55 48.2	18.6 N	204	139P	2007 10 05.94866	00 52 10.74	+08 12 56.6	19.6 N	A21
128P	2007 10 22.42860	07 24 22.19	+17 55 02.8	19.5 T	704	139P	2007 10 06.20859	00 52 01.50	+08 11 54.5	18.8 T	704
128P	2007 10 22.44043	07 24 22.58	+17 55 00.2	19.8 T	704	139P	2007 10 06.21943	00 52 01.11	+08 11 52.5	19.1 T	704
128P	2007 10 22.45253	07 24 22.96	+17 54 58.0	19.7 T	704	139P	2007 10 06.23037	00 52 00.69	+08 11 49.0	19.7 T	704
128P	2007 10 22.47617	07 24 23.81	+17 54 53.7	19.5 T	704	139P	2007 10 06.24120	00 52 00.27	+08 11 45.9	19.4 T	704
	136P/Mueller					139P	2007 10 06.25208	00 51 59.89	+08 11 43.6	19.8 T	704
136P	2007 10 01.50573	23 46 02.74	−11 23 09.5	17.5 T	423	139P	2007 10 09.25148	00 50 12.75	+07 59 23.2	18.8 T	704
136P	2007 10 01.54071	23 46 01.56	−11 23 19.9	17.5 T	423	139P	2007 10 09.26242	00 50 12.32	+07 59 20.4	19.2 T	704
136P	2007 10 02.51911	23 45 30.82	−11 28 07.2	17.4 T	423	139P	2007 10 09.27347	00 50 11.94	+07 59 18.2	19.4 T	704
136P	2007 10 02.55183	23 45 29.81	−11 28 16.8	17.8 T	423	139P	2007 10 09.28444	00 50 11.52	+07 59 14.6	19.4 T	704
136P	2007 10 04.22525	23 44 38.47	−11 36 11.8	17.0 T	703	139P	2007 10 09.29200	00 50 11.23	+07 59 12.2	18.4 T	699
136P	2007 10 04.23340	23 44 38.22	−11 36 12.7	16.9 T	703	139P	2007 10 09.29540	00 50 11.12	+07 59 11.8	19.3 T	704
136P	2007 10 04.24155	23 44 37.96	−11 36 16.1	17.1 T	703	139P	2007 10 09.31392	00 50 10.38	+07 59 07.0		699
136P	2007 10 04.24968	23 44 37.71	−11 36 18.4	17.1 T	703	139P	2007 10 09.33586	00 50 09.61	+07 59 01.2		699
136P	2007 10 05.60336	23 43 57.34	−11 42 21.9		900	139P	2007 10 09.35781	00 50 08.74	+07 58 55.9		699
136P	2007 10 05.60778	23 43 57.03	−11 42 21.3	17.3 T	900	139P	2007 10 12.20369	00 48 27.66	+07 47 04.3	18.9 T	704
136P	2007 10 06.54420	23 43 29.89	−11 46 23.0		349	139P	2007 10 12.21473	00 48 27.24	+07 47 01.5	19.0 T	704
136P	2007 10 06.55087	23 43 29.68	−11 46 24.3	17.6 T	349	139P	2007 10 12.22577	00 48 26.84	+07 46 58.9	19.5 T	704
136P	2007 10 10.33041	23 41 45.74	−12 01 07.0	17.9 T	291	139P	2007 10 12.23703	00 48 26.38	+07 46 56.0	19.0 T	704
136P	2007 10 10.33759	23 41 45.52	−12 01 08.6	18.0 T	291	139P	2007 10 12.24808	00 48 25.99	+07 46 53.2	19.3 T	704
136P	2007 10 10.34470	23 41 45.32	−12 01 09.9	17.9 T	291	139P	2007 10 12.98431	00 47 59.87	+07 43 46.7	17.8 N	A24
136P	2007 10 11.17505	23 41 24.25	−12 04 04.4	17.8 T	699	139P	2007 10 12.99465	00 47 59.54	+07 43 44.1	18.3 N	A24
136P	2007 10 11.19696	23 41 23.63	−12 04 08.5	17.8 T	699	139P	2007 10 13.00598	00 47 59.08	+07 43 41.5	18.4 N	A24
136P	2007 10 11.21888	23 41 23.09	−12 04 13.1	17.7 T	699	139P	2007 10 13.01632	00 47 58.73	+07 43 39.4	18.1 N	A24
136P	2007 10 11.24080	23 41 22.47	−12 04 17.4	17.7 T	699	139P	2007 10 13.01732	00 47 58.66	+07 43 38.9	17.7 N	A24
136P	2007 10 12.23904	23 40 57.59	−12 07 37.9	18.5 N	H47	139P	2007 10 13.24600	00 47 50.71	+07 42 41.6	18.2 T	703
136P	2007 10 12.25935	23 40 57.05	−12 07 42.3	18.5 N	H47	139P	2007 10 13.25309	00 47 50.49	+07 42 40.3	18.5 T	703
136P	2007 10 13.51378	23 40 27.23	−12 11 33.4	18.0 T	423	139P	2007 10 13.26019	00 47 50.20	+07 42 38.0	18.3 T	703
136P	2007 10 13.53974	23 40 26.54	−12 11 37.8	17.9 T	423	139P	2007 10 13.26730	00 47 49.92	+07 42 36.7	18.4 T	703
136P	2007 10 14.20769	23 40 11.20	−12 13 41.3	18.5 N	H47	139P	2007 10 15.14248	00 46 44.32	+07 34 44.9	18.8 T	691
136P	2007 10 14.23567	23 40 10.51	−12 13 46.2	18.4 N	H47	139P	2007 10 15.16012	00 46 43.70	+07 34 40.6	19.0 T	691

2007 OCT. 26

M.P.C. 60903

139P	2007 10 15.17776	00 46 43.04	+07 34 35.7	18.8 T	691
139P	2007 10 15.95051	00 46 16.09	+07 31 22.6	17.8 N	A24
139P	2007 10 15.95151	00 46 16.07	+07 31 21.7	17.6 N	A24
139P	2007 10 15.96222	00 46 15.68	+07 31 19.4	18.2 N	A24
139P	2007 10 15.97394	00 46 15.29	+07 31 16.5	18.4 N	A24
139P	2007 10 15.98565	00 46 14.89	+07 31 13.9	18.2 N	A24
139P	2007 10 15.99593	00 46 14.52	+07 31 11.2	18.4 N	A24
139P	2007 10 16.00720	00 46 14.18	+07 31 08.0	18.5 N	A24
139P	2007 10 17.14986	00 45 35.08	+07 26 22.1	18.9 T	699
139P	2007 10 17.17271	00 45 34.24	+07 26 15.8	18.9 T	699
139P	2007 10 17.19557	00 45 33.34	+07 26 10.2	18.3 T	699
139P	2007 10 17.21842	00 45 32.65	+07 26 04.9	18.2 T	699
139P	2007 10 20.25455	00 43 50.57	+07 13 31.5	19.5 T	704
139P	2007 10 20.28874	00 43 49.30	+07 13 24.4	19.5 T	704
139P	2007 10 20.30011	00 43 48.96	+07 13 21.0	19.5 T	704
139P	2007 10 21.99085	00 42 53.86	+07 06 27.8		204
139P	2007 10 22.06525	00 42 51.41	+07 06 09.9	18.8 N	204

148P/Anderson-LINEAR

148P	2007 09 05.74236	00 37 45.65	-01 57 05.8	20.5 T	413
148P	2007 09 05.75510	00 37 45.20	-01 57 10.2		413
148P	2007 10 04.28780	00 16 35.68	-04 34 53.2	19.8 T	703
148P	2007 10 04.29613	00 16 35.22	-04 34 56.7	19.5 T	703
148P	2007 10 04.30448	00 16 34.82	-04 34 59.1	19.3 T	703
148P	2007 10 04.31278	00 16 34.35	-04 35 01.4	19.8 T	703
148P	2007 10 13.20642	00 08 58.73	-05 20 07.2	20.1 T	704
148P	2007 10 13.21758	00 08 58.16	-05 20 09.6	19.7 T	704
148P	2007 10 13.22873	00 08 57.57	-05 20 13.5	20.3 T	704
148P	2007 10 13.23987	00 08 57.03	-05 20 16.6	20.2 T	704
148P	2007 10 15.20405	00 07 20.90	-05 29 00.8	19.4 T	699
148P	2007 10 15.22230	00 07 19.94	-05 29 04.7	19.4 T	699
148P	2007 10 15.24049	00 07 19.14	-05 29 10.3	19.3 T	699
148P	2007 10 15.25872	00 07 18.24	-05 29 14.5	19.9 T	699

173P/Mueller

173P	2007 09 15.48479	07 31 47.28	+21 29 45.5	19.4 T	G96
173P	2007 09 15.49053	07 31 47.55	+21 29 45.6		G96
173P	2007 09 15.49626	07 31 47.87	+21 29 45.3		G96
173P	2007 09 15.50208	07 31 48.21	+21 29 45.4		G96
173P	2007 10 07.48909	07 49 11.20	+21 32 12.1	18.8 T	G96
173P	2007 10 07.49493	07 49 11.43	+21 32 12.1		G96
173P	2007 10 07.50054	07 49 11.67	+21 32 12.4		G96
173P	2007 10 07.50610	07 49 11.88	+21 32 12.7		G96

179P/Jedicke

179P	2007 08 22.39898	03 43 15.61	-01 25 49.1	19.6 T	704
179P	2007 08 22.41181	03 43 16.00	-01 25 50.4	19.4 T	704
179P	2007 08 22.43734	03 43 16.84	-01 25 54.3	19.5 T	704
179P	2007 10 10.39529	03 49 35.83	-04 04 45.6	17.8 T	703
179P	2007 10 10.40935	03 49 35.58	-04 04 48.9	18.1 T	703
179P	2007 10 10.42343	03 49 35.29	-04 04 51.9	17.9 T	703
179P	2007 10 10.43750	03 49 35.04	-04 04 54.8	17.9 T	703
179P	2007 10 12.42960	03 49 03.31	-04 11 50.3		G96
179P	2007 10 12.43471	03 49 03.23	-04 11 51.2	18.0 T	G96

179P	2007 10 12.43983	03 49 03.14	-04 11 52.2		G96
179P	2007 10 12.44499	03 49 03.05	-04 11 53.4		G96
179P	2007 10 17.31517	03 47 30.55	-04 28 04.0	18.2 T	703
179P	2007 10 17.33096	03 47 30.19	-04 28 07.6	18.2 T	703
179P	2007 10 17.33885	03 47 29.94	-04 28 08.6	17.9 T	703
179P	2007 10 18.32222	03 47 09.07	-04 31 12.7	19.0 T	704
179P	2007 10 18.33352	03 47 08.84	-04 31 16.1	19.8 T	704
179P	2007 10 18.34482	03 47 08.69	-04 31 19.2	20.3 T	704
179P	2007 10 18.35612	03 47 08.43	-04 31 21.1	20.0 T	704
179P	2007 10 18.36741	03 47 07.99	-04 31 23.8	19.4 T	704

186P/Garradd

186P	2007 08 12.39670	12 46 46.46	-33 02 13.5		E12
------	------------------	-------------	-------------	--	-----

188P/LINEAR-Mueller

188P	2007 09 30.06800	00 04 54.39	+02 00 40.5	15.7 N	939
188P	2007 09 30.07404	00 04 54.08	+02 00 40.6	15.8 N	939
188P	2007 09 30.08012	00 04 53.81	+02 00 40.7	15.8 N	939
188P	2007 10 01.03205	00 04 10.62	+02 01 00.9	16.1 N	118
188P	2007 10 01.03666	00 04 10.42	+02 01 01.1	16.1 N	118
188P	2007 10 01.04258	00 04 10.16	+02 01 01.4	16.1 N	118
188P	2007 10 03.52372	00 02 19.03	+02 01 59.9	16.2 T	D35
188P	2007 10 03.54501	00 02 18.05	+02 02 01.0	16.6 T	D35
188P	2007 10 03.60597	00 02 15.20	+02 02 02.1	16.0 T	D35
188P	2007 10 03.65858	00 02 12.66	+02 02 02.6		349
188P	2007 10 03.66163	00 02 12.52	+02 02 02.7	15.4 T	349
188P	2007 10 04.96169	00 01 15.14	+02 02 34.7	16.2 N	A24
188P	2007 10 04.96269	00 01 15.09	+02 02 34.7	16.3 N	A24
188P	2007 10 04.97177	00 01 14.68	+02 02 35.0	16.3 N	A24
188P	2007 10 04.98184	00 01 14.22	+02 02 35.3	16.4 N	A24
188P	2007 10 04.99093	00 01 13.81	+02 02 35.6	16.1 N	A24
188P	2007 10 04.99192	00 01 13.77	+02 02 35.4	16.2 N	A24
188P	2007 10 05.69848	00 00 42.74	+02 02 54.5		D81
188P	2007 10 05.70083	00 00 42.63	+02 02 54.4		D81
188P	2007 10 05.70322	00 00 42.53	+02 02 53.6		D81
188P	2007 10 05.70558	00 00 42.42	+02 02 53.5	15.5 T	D81
188P	2007 10 06.20228	00 00 21.36	+02 03 07.9	17.9 T	704
188P	2007 10 06.20342	00 00 21.27	+02 03 08.2	17.9 T	704
188P	2007 10 06.21313	00 00 20.61	+02 03 09.2	19.7 T	704
188P	2007 10 06.21427	00 00 20.63	+02 03 11.2	19.7 T	704
188P	2007 10 06.22407	00 00 20.19	+02 03 09.6	19.8 T	704
188P	2007 10 06.22521	00 00 20.08	+02 03 10.8	18.8 T	704
188P	2007 10 06.23490	00 00 19.65	+02 03 09.9	19.3 T	704
188P	2007 10 06.23603	00 00 19.60	+02 03 10.9	19.3 T	704
188P	2007 10 06.24574	00 00 19.02	+02 03 09.6	18.6 T	704
188P	2007 10 06.24688	00 00 18.96	+02 03 10.4	18.4 T	704
188P	2007 10 06.47878	00 00 09.25	+02 03 15.6		D88
188P	2007 10 06.48197	00 00 09.13	+02 03 15.8		D88
188P	2007 10 06.48514	00 00 08.96	+02 03 15.6	15.6 T	D88
188P	2007 10 06.91360	23 59 50.55	+02 03 28.2	15.6 N	A18
188P	2007 10 06.91997	23 59 50.13	+02 03 26.3	15.5 N	A18
188P	2007 10 07.00685	23 59 46.32	+02 03 29.6	15.9 N	232
188P	2007 10 07.01435	23 59 46.00	+02 03 30.0	15.9 N	232
188P	2007 10 07.01809	23 59 45.82	+02 03 30.1	15.9 N	232

188P	2007 10 07.04185	23 59 44.81	+02 03 31.6	15.7 N	945	188P	2007 10 14.24358	23 54 55.05	+02 08 01.9	18.7 T	704
188P	2007 10 07.04654	23 59 44.62	+02 03 31.5	15.8 N	945	188P	2007 10 14.83298	23 54 33.65	+02 08 30.2	17.0 N	A77
188P	2007 10 07.05049	23 59 44.39	+02 03 31.1	15.9 N	945	188P	2007 10 14.83788	23 54 33.45	+02 08 29.7	17.7 N	A21
188P	2007 10 07.05384	23 59 44.22	+02 03 31.6	15.7 N	945	188P	2007 10 14.84075	23 54 33.35	+02 08 30.7	16.8 N	A77
188P	2007 10 07.05557	23 59 44.17	+02 03 31.7	15.7 N	945	188P	2007 10 14.84630	23 54 33.17	+02 08 30.0	17.2 N	A21
188P	2007 10 08.20157	23 58 55.93	+02 04 06.7	18.8 T	704	188P	2007 10 14.85032	23 54 32.85	+02 08 31.0	17.0 N	A77
188P	2007 10 08.21255	23 58 55.25	+02 04 07.5	19.5 T	704	188P	2007 10 14.85467	23 54 32.79	+02 08 30.8	17.7 N	A21
188P	2007 10 08.22351	23 58 54.71	+02 04 06.5	19.0 T	704	188P	2007 10 14.91334	23 54 30.65	+02 08 34.5	16.1 N	945
188P	2007 10 08.22724	23 58 54.60	+02 04 05.2	16.2 T	699	188P	2007 10 14.91646	23 54 30.52	+02 08 34.4	16.0 N	945
188P	2007 10 08.24544	23 58 53.59	+02 04 07.9	18.2 T	704	188P	2007 10 14.92005	23 54 30.36	+02 08 35.0	16.1 N	945
188P	2007 10 08.24916	23 58 53.55	+02 04 04.3		699	188P	2007 10 14.92683	23 54 30.10	+02 08 35.4	16.1 N	945
188P	2007 10 08.27109	23 58 52.59	+02 04 05.6		699	188P	2007 10 15.82704	23 53 57.84	+02 09 22.4	16.1 N	J39
188P	2007 10 08.29304	23 58 51.56	+02 04 05.9		699	188P	2007 10 15.83306	23 53 57.71	+02 09 23.6	16.3 N	J39
188P	2007 10 09.92744	23 57 44.05	+02 05 03.2	16.0 N	J53	188P	2007 10 15.91813	23 53 54.54	+02 09 28.0	16.5 N	J46
188P	2007 10 09.93935	23 57 43.50	+02 05 03.7	15.8 N	939	188P	2007 10 15.93684	23 53 53.66	+02 09 28.0	16.2 N	A24
188P	2007 10 09.94005	23 57 43.51	+02 05 03.6	15.9 N	J53	188P	2007 10 15.93786	23 53 53.62	+02 09 28.1	16.7 N	A24
188P	2007 10 09.94635	23 57 43.24	+02 05 03.8	15.9 N	J53	188P	2007 10 15.94767	23 53 53.43	+02 09 29.8	16.4 N	J46
188P	2007 10 09.94676	23 57 43.20	+02 05 03.9	15.8 N	939	188P	2007 10 15.94857	23 53 53.23	+02 09 28.7	16.6 N	A24
188P	2007 10 09.95417	23 57 42.89	+02 05 04.1	15.8 N	939	188P	2007 10 15.96030	23 53 52.81	+02 09 29.2	16.6 N	A24
188P	2007 10 11.19909	23 56 52.77	+02 05 51.9	17.5 T	704	188P	2007 10 15.97102	23 53 52.41	+02 09 30.1	16.6 N	A24
188P	2007 10 11.21008	23 56 52.35	+02 05 51.3	18.0 T	704	188P	2007 10 15.97202	23 53 52.38	+02 09 29.8	16.3 N	A24
188P	2007 10 11.22108	23 56 51.88	+02 05 51.8	19.2 T	704	188P	2007 10 15.97352	23 53 52.49	+02 09 30.7	16.1 N	J39
188P	2007 10 11.23209	23 56 51.34	+02 05 52.8	19.6 T	704	188P	2007 10 15.97388	23 53 52.42	+02 09 31.6	16.3 N	J39
188P	2007 10 11.24311	23 56 50.65	+02 05 51.7	19.0 T	704	188P	2007 10 15.97461	23 53 52.48	+02 09 30.9	16.0 N	J39
188P	2007 10 11.26926	23 56 49.74	+02 05 51.6	14.7 T	G96	188P	2007 10 15.97497	23 53 52.40	+02 09 31.3	16.2 N	J39
188P	2007 10 11.27526	23 56 49.48	+02 05 51.7	15.4 T	G96	188P	2007 10 15.98230	23 53 52.00	+02 09 30.6	16.7 N	A24
188P	2007 10 11.28126	23 56 49.27	+02 05 52.1	15.3 T	G96	188P	2007 10 15.99358	23 53 51.58	+02 09 31.1	16.6 N	A24
188P	2007 10 11.28734	23 56 49.02	+02 05 52.2	15.3 T	G96	188P	2007 10 16.00386	23 53 51.21	+02 09 31.5	16.7 N	A24
188P	2007 10 11.88134	23 56 25.69	+02 06 15.8	15.9 N	A06	188P	2007 10 16.00486	23 53 51.16	+02 09 32.0	16.5 N	A24
188P	2007 10 11.89663	23 56 25.11	+02 06 16.5	15.9 N	A06	188P	2007 10 18.89370	23 52 13.80	+02 12 26.8	16.3 N	945
188P	2007 10 11.90853	23 56 24.61	+02 06 17.0	15.9 N	A06	188P	2007 10 18.89865	23 52 13.69	+02 12 27.2	16.3 N	945
188P	2007 10 11.91945	23 56 24.17	+02 06 18.1	15.9 N	A06	188P	2007 10 18.90220	23 52 13.57	+02 12 26.9	16.2 N	945
188P	2007 10 12.96971	23 55 43.22	+02 07 02.9	16.5 N	A24	188P	2007 10 18.90571	23 52 13.40	+02 12 23.6	16.4 N	945
188P	2007 10 12.97070	23 55 43.25	+02 07 03.1	16.2 N	A24	188P	2007 10 18.90792	23 52 13.38	+02 12 27.2	16.3 N	945
188P	2007 10 12.98104	23 55 42.84	+02 07 03.9	16.5 N	A24	188P	2007 10 18.94153	23 52 12.28	+02 12 30.8	16.7 N	J47
188P	2007 10 12.99236	23 55 42.34	+02 07 03.5	16.2 N	A24	188P	2007 10 18.94937	23 52 12.04	+02 12 31.3	16.6 N	J47
188P	2007 10 12.99720	23 55 42.21	+02 07 03.4	15.8 N	A01	188P	2007 10 18.95860	23 52 11.72	+02 12 32.4	16.6 N	J47
188P	2007 10 12.99868	23 55 42.15	+02 07 03.4	15.8 N	A01	188P	2007 10 19.19400	23 52 04.46	+02 12 46.5	18.2 T	704
188P	2007 10 13.00269	23 55 41.93	+02 07 03.8	16.3 N	A24	188P	2007 10 19.20478	23 52 03.83	+02 12 47.6	19.8 T	704
188P	2007 10 13.00311	23 55 41.96	+02 07 03.6	15.9 N	A01	188P	2007 10 19.21556	23 52 03.50	+02 12 49.2	19.7 T	704
188P	2007 10 13.00369	23 55 41.90	+02 07 04.1	16.4 N	A24	188P	2007 10 19.22634	23 52 03.17	+02 12 51.4	19.5 T	704
188P	2007 10 13.18999	23 55 34.94	+02 07 13.4	17.0 N	H47	188P	2007 10 19.23722	23 52 02.57	+02 12 50.0	18.3 T	704
188P	2007 10 13.20671	23 55 34.24	+02 07 14.0	17.2 N	H47	188P	2007 10 19.82515	23 51 44.51	+02 13 31.4	16.7 N	J39
188P	2007 10 13.85209	23 55 10.00	+02 07 42.5	16.6 N	170	188P	2007 10 19.84782	23 51 43.95	+02 13 31.6	16.1 N	J39
188P	2007 10 13.86301	23 55 09.58	+02 07 43.2	16.6 N	170	188P	2007 10 19.87661	23 51 42.91	+02 13 32.3	16.7 N	J59
188P	2007 10 13.88118	23 55 08.88	+02 07 44.0	16.6 N	170	188P	2007 10 19.88605	23 51 42.58	+02 13 33.4	16.8 N	J59
188P	2007 10 13.90531	23 55 07.87	+02 07 44.2	15.9 N	J59	188P	2007 10 19.89318	23 51 42.28	+02 13 34.5	16.7 N	J59
188P	2007 10 13.91413	23 55 07.58	+02 07 44.9	16.4 N	J59	188P	2007 10 19.89523	23 51 42.25	+02 13 34.3	17.0 N	130
188P	2007 10 13.92288	23 55 07.29	+02 07 45.3	16.3 N	J59	188P	2007 10 19.89632	23 51 42.10	+02 13 34.5	16.9 N	130
188P	2007 10 14.19914	23 54 57.17	+02 08 00.3	18.7 T	704	188P	2007 10 19.89795	23 51 42.13	+02 13 34.3	16.7 N	130
188P	2007 10 14.21027	23 54 56.47	+02 08 01.2	19.8 T	704	188P	2007 10 19.89958	23 51 42.10	+02 13 34.7	16.7 N	130
188P	2007 10 14.22145	23 54 56.07	+02 07 59.8	19.6 T	704	188P	2007 10 20.80279	23 51 14.79	+02 14 41.5	16.4 N	J76
188P	2007 10 14.23252	23 54 55.62	+02 08 02.7	19.9 T	704	188P	2007 10 20.80466	23 51 14.73	+02 14 42.3	16.3 N	J76

2007 OCT. 26

M.P.C. 60905

188P	2007 10 20.80579	23 51 14.73	+02 14 42.5	16.4 N	J76
188P	2007 10 21.83828	23 50 44.52	+02 16 01.6	16.4 N	213
188P	2007 10 21.84076	23 50 44.34	+02 16 01.4	16.3 N	213
188P	2007 10 21.84325	23 50 44.37	+02 16 02.6	16.4 N	213
188P	2007 10 22.79987	23 50 17.64	+02 17 20.6	18.1 N	A21
188P	2007 10 22.80780	23 50 17.45	+02 17 21.1	18.0 N	A21
188P	2007 10 22.81572	23 50 17.19	+02 17 21.4	18.1 N	A21

189P/NEAT

189P	2007 08 14.59590	18 30 06.96	+25 56 42.5	17.2 T	355
189P	2007 08 14.60046	18 30 07.66	+25 56 51.6		355
189P	2007 08 14.60501	18 30 08.37	+25 57 01.1		355

190P/Mueller

190P	2007 09 14.42719	05 24 59.30	+25 36 30.5	20.3 T	704
190P	2007 09 14.43901	05 25 00.37	+25 36 32.1	20.8 T	704
190P	2007 09 14.45082	05 25 01.39	+25 36 33.0	20.8 T	704
190P	2007 09 14.46264	05 25 02.60	+25 36 34.8	20.6 T	704
190P	2007 09 22.06963	05 36 08.34	+25 51 57.2	18.3 N	585
190P	2007 09 22.07971	05 36 09.37	+25 52 03.5	18.4 N	585
190P	2007 09 22.09186	05 36 10.39	+25 52 05.2	18.5 N	585

191P/McNaught

191P	2007 09 17.72966	03 07 39.01	+02 54 02.9		355
191P	2007 09 17.73312	03 07 39.13	+02 54 02.4		355
191P	2007 09 17.73542	03 07 39.20	+02 54 02.4	16.1 T	355
191P	2007 09 17.74003	03 07 39.31	+02 54 02.5		355
191P	2007 10 03.01477	03 10 48.97	+02 08 44.6	16.6 N	J51
191P	2007 10 03.02021	03 10 48.95	+02 08 43.6	16.6 N	J51
191P	2007 10 03.02565	03 10 48.93	+02 08 42.6	16.6 N	J51
191P	2007 10 05.07337	03 10 39.21	+02 02 07.7	16.2 N	A24
191P	2007 10 05.07437	03 10 39.17	+02 02 07.8	16.4 N	A24
191P	2007 10 05.09882	03 10 38.93	+02 02 02.8	15.8 N	A24
191P	2007 10 05.12428	03 10 38.70	+02 01 58.3	15.8 N	A24
191P	2007 10 05.14973	03 10 38.54	+02 01 53.3	16.3 N	A24
191P	2007 10 05.77269	03 10 33.94	+01 59 54.8		900
191P	2007 10 05.78150	03 10 33.89	+01 59 52.5	16.6 T	900
191P	2007 10 07.01128	03 10 23.06	+01 55 58.9	16.4 N	A06
191P	2007 10 07.02353	03 10 22.84	+01 55 56.1	16.4 N	A06
191P	2007 10 07.03287	03 10 22.78	+01 55 53.9	16.4 N	A06
191P	2007 10 07.04812	03 10 22.58	+01 55 50.8	16.4 N	232
191P	2007 10 07.05566	03 10 22.48	+01 55 49.9	16.2 N	232
191P	2007 10 07.05942	03 10 22.41	+01 55 49.2	16.3 N	232
191P	2007 10 07.13111	03 10 21.58	+01 55 35.2	16.5 N	945
191P	2007 10 07.13674	03 10 21.51	+01 55 33.9	16.5 N	945
191P	2007 10 07.14097	03 10 21.49	+01 55 33.1	16.4 N	945
191P	2007 10 07.14471	03 10 21.45	+01 55 32.7	16.2 N	945
191P	2007 10 07.15463	03 10 21.28	+01 55 31.2	16.4 N	945
191P	2007 10 07.60817	03 10 16.60	+01 54 05.9		349
191P	2007 10 07.61583	03 10 16.49	+01 54 04.4		349
191P	2007 10 07.62350	03 10 16.39	+01 54 03.0	16.1 T	349
191P	2007 10 10.03157	03 09 43.40	+01 46 34.6	16.2 N	939
191P	2007 10 10.03903	03 09 43.25	+01 46 33.3	16.2 N	939
191P	2007 10 10.04653	03 09 43.12	+01 46 32.1	16.1 N	939

191P	2007 10 10.27245	03 09 39.66	+01 45 50.8		291
191P	2007 10 10.27971	03 09 39.52	+01 45 50.9	16.1 T	291
191P	2007 10 10.28687	03 09 39.42	+01 45 49.6	16.2 T	291
191P	2007 10 10.33943	03 09 38.34	+01 45 38.7	15.4 T	703
191P	2007 10 10.35095	03 09 38.01	+01 45 35.1	15.3 T	703
191P	2007 10 10.36250	03 09 37.72	+01 45 33.7	15.4 T	703
191P	2007 10 10.37407	03 09 37.47	+01 45 31.2	15.3 T	703
191P	2007 10 13.02054	03 08 48.11	+01 37 42.4	15.4 N	J70
191P	2007 10 13.02243	03 08 48.02	+01 37 42.0	17.0 N	J70
191P	2007 10 13.02331	03 08 47.99	+01 37 41.4	17.3 N	J70
191P	2007 10 13.02484	03 08 47.97	+01 37 41.2	16.2 N	J70
191P	2007 10 13.04721	03 08 47.38	+01 37 36.8	16.2 N	A24
191P	2007 10 13.04821	03 08 47.36	+01 37 36.5	16.6 N	A24
191P	2007 10 13.05751	03 08 47.13	+01 37 35.0	16.8 N	A24
191P	2007 10 13.07177	03 08 46.90	+01 37 32.1	16.2 N	J52
191P	2007 10 13.07622	03 08 46.78	+01 37 31.4	16.1 N	J52
191P	2007 10 13.07710	03 08 46.68	+01 37 31.8	16.5 N	A24
191P	2007 10 13.07810	03 08 46.67	+01 37 31.3	16.6 N	A24
191P	2007 10 13.08065	03 08 46.67	+01 37 30.9	16.2 N	J52
191P	2007 10 13.30745	03 08 42.09	+01 36 53.5	17.5 T	704
191P	2007 10 13.31838	03 08 41.76	+01 36 53.8	18.1 T	704
191P	2007 10 13.32930	03 08 41.48	+01 36 47.4	18.3 T	704
191P	2007 10 13.34011	03 08 41.19	+01 36 47.4	17.7 T	704
191P	2007 10 13.35110	03 08 40.87	+01 36 45.2	17.7 T	704
191P	2007 10 15.95310	03 07 39.23	+01 29 33.4		203
191P	2007 10 15.98863	03 07 38.26	+01 29 28.1		203
191P	2007 10 16.04726	03 07 36.57	+01 29 19.3	16.4 N	A24
191P	2007 10 16.04827	03 07 36.58	+01 29 19.1	16.3 N	A24
191P	2007 10 16.05718	03 07 36.30	+01 29 17.7	16.5 N	A24
191P	2007 10 16.06709	03 07 36.02	+01 29 16.0	16.5 N	A24
191P	2007 10 16.07601	03 07 35.75	+01 29 14.6	16.3 N	A24
191P	2007 10 16.07701	03 07 35.73	+01 29 14.1	16.5 N	A24
191P	2007 10 18.96956	03 06 14.64	+01 22 02.3	15.3 N	945
191P	2007 10 18.97306	03 06 14.48	+01 22 01.4	15.3 N	945
191P	2007 10 18.97604	03 06 14.45	+01 22 00.5	15.4 N	945
191P	2007 10 18.97948	03 06 14.30	+01 22 00.0	15.3 N	945
191P	2007 10 19.26895	03 06 05.34	+01 21 20.2	16.1 T	699
191P	2007 10 19.29453	03 06 04.41	+01 21 16.4	16.2 T	699
191P	2007 10 19.29703	03 06 04.76	+01 21 17.9	18.3 T	704
191P	2007 10 19.30770	03 06 04.19	+01 21 17.3	20.3 T	704
191P	2007 10 19.31837	03 06 03.82	+01 21 14.4	20.4 T	704
191P	2007 10 19.32010	03 06 03.60	+01 21 12.8	16.2 T	699
191P	2007 10 19.32903	03 06 03.48	+01 21 12.9	20.3 T	704
191P	2007 10 19.33971	03 06 02.89	+01 21 10.6	18.8 T	704
191P	2007 10 19.34204	03 06 02.84	+01 21 10.1	15.1 T	703
191P	2007 10 19.34568	03 06 02.71	+01 21 09.4	16.2 T	699
191P	2007 10 19.35016	03 06 02.59	+01 21 08.9	15.2 T	703
191P	2007 10 19.35832	03 06 02.37	+01 21 07.4	15.2 T	703
191P	2007 10 19.36645	03 06 02.05	+01 21 06.2	15.1 T	703
191P	2007 10 20.00709	03 05 42.44	+01 19 38.9	16.3 N	J59
191P	2007 10 20.01663	03 05 42.16	+01 19 38.0	16.3 N	J59
191P	2007 10 20.02497	03 05 41.85	+01 19 36.8	16.0 N	J59
191P	2007 10 20.94502	03 05 12.32	+01 17 37.6	16.0 N	204

191P	2007 10 21.50865	03 04 53.78	+01 16 28.9		D88
191P	2007 10 21.51183	03 04 53.64	+01 16 28.6		D88
191P	2007 10 21.51501	03 04 53.57	+01 16 28.1	16.2 T	D88
191P	2007 10 21.98723	03 04 37.43	+01 15 30.3	15.6 N	945
191P	2007 10 21.99095	03 04 37.28	+01 15 30.6	15.7 N	945
191P	2007 10 21.99466	03 04 37.13	+01 15 30.7	15.8 N	945
191P	2007 10 22.00125	03 04 36.89	+01 15 29.5	15.7 N	945
191P	2007 10 22.00420	03 04 36.79	+01 15 29.1	15.7 N	945
191P	2007 10 22.10504	03 04 33.08	+01 15 16.9	15.9 N	204

192P/Shoemaker-Levy

192P	2007 10 12.44402	18 51 51.48	-50 45 12.6	18.2 T	E12
192P	2007 10 12.45295	18 51 53.13	-50 45 08.6	18.2 T	E12
192P	2007 10 12.46192	18 51 54.50	-50 45 02.2	18.3 T	E12
192P	2007 10 12.47080	18 51 56.16	-50 44 57.5	18.5 T	E12
192P	2007 10 12.51989	18 52 04.55	-50 44 28.4	18.0 T	E12
192P	2007 10 13.41858	18 54 40.98	-50 35 47.2	18.1 N	E12
192P	2007 10 14.40068	18 57 33.69	-50 26 00.9	18.7 T	423
192P	2007 10 14.43454	18 57 39.67	-50 25 40.1	18.6 T	423
192P	2007 10 14.45059	18 57 42.44	-50 25 29.6	18.1 N	415
192P	2007 10 14.45704	18 57 43.45	-50 25 25.4	18.0 N	415
192P	2007 10 14.46275	18 57 44.60	-50 25 22.0	17.9 T	423
192P	2007 10 15.47483	19 00 44.42	-50 14 59.0	18.3 T	423
192P	2007 10 15.49176	19 00 47.31	-50 14 48.5	18.1 T	423

193P/LINEAR-NEAT

193P	2007 10 21.44897	18 34 35.78	-28 52 24.9	19.8 T	413
193P	2007 10 21.45048	18 34 35.98	-28 52 23.9		413
193P	2007 10 21.45199	18 34 36.14	-28 52 23.5		413
193P	2007 10 21.45350	18 34 36.29	-28 52 22.9		413
193P	2007 10 22.39249	18 36 15.32	-28 46 59.9		413
193P	2007 10 22.40073	18 36 16.17	-28 46 57.2	19.7 T	413
193P	2007 10 22.40629	18 36 16.77	-28 46 55.3		413
193P	2007 10 22.41352	18 36 17.49	-28 46 52.5		413
193P	2007 10 22.41704	18 36 17.89	-28 46 51.4		413

Note 1: faint image. 2: observation with the SOHO-LASCO C2 coronagraph.
 3: observation with the SOHO-LASCO C3 coronagraph. 4: bad seeing.
 5: involved with star.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory code:

415 Kambah, near Canberra. Observer D. Herald. 0.36-m $f/3.9$ Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
Jupiter VII	2007 10 01.47034		16 48 47.49	-21 43 08.5	17.6 V	415
Jupiter VIII	2007 10 01.44629		16 58 58.41	-21 42 53.6	17.7 V	415
Jupiter VIII	2007 10 01.45473		16 58 58.72	-21 42 54.4	17.9 V	415
Jupiter IX	2007 10 01.39538		16 47 57.98	-21 25 37.0	19.7 V	415
Neptune II	2007 10 01.51387		21 28 00.67	-15 13 59.8	18.8 V	415
Neptune II	2007 10 01.52616		21 28 00.65	-15 13 59.9	19.2 V	415
Neptune II	2007 10 02.48498		21 27 57.10	-15 14 16.6	18.8 V	415

Neptune II	2007 10 02.49901	21 27 57.06	-15 14 16.9	18.8 V	415
Neptune II	2007 10 13.54411	21 27 23.53	-15 17 00.0	18.5 V	415
Neptune II	2007 10 13.55463	21 27 23.53	-15 17 00.3	19.5 V	415
Neptune II	2007 10 14.53716	21 27 21.27	-15 17 11.4	19.5 V	415
Neptune II	2007 10 14.54840	21 27 21.22	-15 17 11.7	19.4 V	415

OBSERVATIONS OF MINOR PLANETS

The summary lists, for each observatory code, provide 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.

012 Uccle

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

P. De Cat, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [peter@oma.be] (5)

Observers T. Pauwels, P. De Cat
 0.85-m $f/2.5$ Schmidt + 3K $\times$ 2K CCD
 Tycho-2, GSC-1.2

{2} [121, 20, 0*, 1999/11/07-2007/10/19]

{5} [5, 1, 0*, 2007/10/18]

017 Hoher List

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

1-m reflector + CCD, 0.15-m $f/10.0$ refractor + CCD
 USNO-A2.0

[2, 1, 0*, 2004/10/21-2004/10/22]

024 Heidelberg-Königstuhl

F. Hormuth, Max-Planck-Institut für Astronomie, Königstuhl, D-69117 Heidelberg, Germany [hormuth@mpia.de]

0.70-m reflector + CCD
 UCAC-2, USNO-B1.0

[124, 35, 3*, 2007/10/05-2007/10/13]

046 Kleť

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

Observers M. Tichý, M. Honková, J. Tichá

0.57-m $f/5.2$ reflector + CCD

USNO-B1.0

[27, 5, 0*, 2007/10/08-2007/10/10]

049 Uppsala-Kvistaberg

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

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

Observers O. Karlsson, C.-I. Lagerkvist, T. Oja, J. Näränen

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

1.0-m Schmidt + CCD

USNO-SA2.0

[3, 1, 0*, 2002/03/14]

056 Skalnaté Pleso

L. Neslusan, Astronomical Institute, Slovak Academy of Sciences, SK-05960
Tatranská Lomnicá, Slovakia [ne@ta3.sk]

Observer M. Pikler

Measurer M. Husarik

0.61-m $f/4.3$ reflector + CCD

UCAC-2

[24, 5, 0*, 2007/10/11–2007/10/16]

071 Rhozen

V. Ivanova, Institute of Astronomy, 72 Tsarigradsko Schosse Blvd., BG-11784
Sofia, Bulgaria [ivanova@astro.bas.bg]

Observer A. Kostov

Measurer B. Bilkina

0.50-m $f/3.44$ Schmidt + CCD

GSC-1.1

[12, 3, 0*, 2007/09/17–2007/09/18]

094 Simeis

V. Rumyantsev, Crimean Astrophysical Observatory, UA-98409 Nauchny, Crimea,
Ukraine, [rum@crao.crimea.ua] (2)

S. Barabanov, no details supplied [inasan@simeiz.ylt.crimea.com] (3)

Observers V. Rumyantsev, I. Rumyantseva

1.0-m Ritchey-Chrétien + CCD

USNO-A2.0

{2} [32, 4, 0*, 2007/10/18]

{3} [5, 1, 0*, 2003/08/06–2003/08/07]

097 Wise Observatory, Mitzpeh Ramon

E. Ofek, Wise Observatory, Tel-Aviv University, IL-69978 Tel-Aviv, Israel

[Eran@wise.tau.ac.il]

Observer D. Polishook

1.0-m $f/7$ reflector + CCD

USNO-A2.0

[14, 3, 1*, 2003/08/18–2007/10/15]

104 San Marcello Pistoiese

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

Observers L. Tesi, G. Fagioli, M. Mazzucato, F. Dolfi

0.60-m $f/4$ reflector + CCD

USNO-A2.0

[234, 63, 0*, 2006/11/22–2007/10/14]

106 Crni Vrh

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

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

0.60-m $f/3.3$ Deltagraph + CCD

UCAC-2

[2282, 515, 19*, 2003/08/27–2007/10/19]

107 Cavezzo

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

0.4-m $f/5.5$ reflector + CCD

UCAC-2

[3, 1, 0*, 1996/09/16]

113 Volkssternwarte Drebach, Schoenbrunn

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

[g.lehmann@abo.freiepresse.de]

Observers G. Lehmann, J. Kandler

0.5-m $f/5$ reflector + CCD, 0.18-m $f/9.0$ refractor + CCD

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

[186, 47, 0*, 2007/10/07–2007/10/16]

118 Modra

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

[ago@fmph.uniba.sk]

Observers Š. Gajdoš, J. Világi, L. Kornoš

0.6-m $f/5.5$ reflector + CCD

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

[233, 59, 0*, 2007/09/28–2007/10/16]

127 Bornheim

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

0.30-m $f/3.2$ astrograph + CCD

USNO-A2.0

[16, 3, 0*, 2007/08/29–2007/09/04]

130 Lumezzane

S. Foglia, C. Gariboldi 11, I-28100 Novara Veveri, Italy [s.foglia@libero.it]

Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini

0.40-m $f/4.5$ reflector + CCD

UCAC-2

[46, 13, 0*, 2007/10/11–2007/10/19]

138 Village-Neuf

C. Demeautis, 9 rue de Huningue, F-68300 Saint-Louis, France

[Sky.walker@wanadoo.fr]

Observers C. Demeautis, D. Matter

0.20-m $f/9$ Cassegrain + CCD, 0.35-m $f/4.6$ reflector + CCD

UCAC-2

[125, 43, 0*, 2007/09/17–2007/10/16]

143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [stefanosposetti@freesurf.ch]

0.40-m $f/4$ reflector + CCD

UCAC-2

[14, 5, 0*, 2007/03/12–2007/10/21]

151 Eschenberg Observatory, Winterthur

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

[griesser@spectraweb.ch]

0.40-m $f/5.9$ Hypergraph + CCD

USNO-B1.0

[148, 20, 0*, 2007/10/01–2007/10/16]

152 Moletai Astronomical Observatory

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

0.35-m $f/3.5$ reflector + CCD

USNO-B1.0

[233, 91, 0*, 2006/09/25–2007/10/16]

157 Frasso Sabino

R. Haver, Via dei Giornalisti 64, I-00135 Rome, Italy [me3540@mcmlink.it]

Observers R. Haver, P. Caponnetto, R. Gorelli

0.37-m $f/5.8$ Cassegrain + CCD

UCAC-2

[20, 8, 0*, 2007/10/13–2007/10/14]

170 Observatorio de Begues

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

[jmantecav@nexo.es]

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

UCAC-2

[83, 24, 0*, 2007/09/28–2007/10/18]

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

0.41-m $f/4$ reflector + CCD

UCAC-2

[5, 1, 0*, 2007/10/05]

185 Vicques

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

0.61-m $f/3.88$ reflector + CCD

UCAC-2, USNO-B1.0

[528, 158, 3*, 2007/09/16–2007/10/15]

188 Majdanak

Yu. N. Krugly, Astronomical Observatory, Kharkiv State University, Sumska Street

35, UA-310022 Kharkiv, Ukraine [krugly@astron.kharkov.ua]

Observers A. Sergeyev, S. Korotkiy

1.5-m $f/8.0$ reflector + CCD

UCAC-2

[316, 53, 24*, 2007/09/19–2007/10/09]

196 Homburg-Erbach

W. Wiedemann, Hasenaeckerstr. 29, D-66424 Homburg, Germany

[Wolfgang.Wiedemann@t-online.de]

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

USNO-A2.0

[16, 5, 0*, 2007/10/06–2007/10/07]

198 Wildberg

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

[astrowild@astro-wildberg.de]

0.35-m $f/4.2$ reflector + CCD

USNO-B1.0

[148, 19, 1*, 2007/10/06–2007/10/17]

201 Jonathan B. Postel Observatory

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

0.30-m $f/10$ Schmidt-Cassegrain + CCD, 0.40-m $f/9$ Cassegrain + CCD

USNO-A2.0

[2, 1, 0*, 2005/01/12]

203 GiaGa Observatory

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

0.13-m $f/6.4$ refractor + CCD

UCAC-2

[20, 7, 0*, 2007/10/15–2007/10/21]

204 Schiaparelli Observatory

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

Observers L. Buzzi, M. Marinelli, V. Di Michele

0.36-m $f/7.87$ Schmidt-Cassegrain + CCD, 0.60-m $f/4.64$ reflector + CCD

USNO-B1.0, UCAC-2

[103, 44, 0*, 2007/10/03–2007/10/22]

209 Asiago Observatory, Cima Ekar-ADAS

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the

University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy

[barbieri@pd.astro.it]

G. Hahn, DLR-Institute of Space Sensor Technology and Planetary Exploration

Rutherfordstrasse 2, D-12489 Berlin, Germany [Gerhard.Hahn@DLR.de]

Observers C. Barbieri, G. Pignata, S. Magrin, I. Bertini

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

0.67-m $f/1.4$ Schmidt + CCD

GSC-1.1, USNO-SA2.0

[15, 5, 0*, 2002/01/08–2002/03/04]

213 Observatorio Montcabre

R. Naves N., c/o J. Balmes, no. 24 Cabrils, E-08348 Barcelona, Spain

[rnaves@eresmas.com]

Observer R. Naves

Measurer M. Campas

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

USNO-A2.0, UCAC-2

[9, 3, 0*, 2007/10/01–2007/10/06]

224 Ottmarsheim

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

0.4-m $f/3$ reflector + CCD

USNO-A2.0

[68, 23, 0*, 2007/10/15–2007/10/20]

232 Masquefa Observatory

E. Reina L., Pl. Virgen de Montserrat, 1 Etlo. 2 B, E-08901 Hospitalet, Spain

[estrei@terra.es]

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

UCAC-2

[15, 5, 0*, 2007/10/06–2007/10/07]

235 CAST Observatory, Talmassons

R. Ligustri, Circolo Astrofili Talmassons Observatory, Talmassons (UD), Italy

[rolando.ligustri@tin.it]

Observers R. Ligustri, D. Da Rio
 0.35-m $f/5$ reflector + CCD
 UCAC-2, USNO-B1.0
[15, 12, 0, 2007/10/06–2007/10/16]*

240 Herrenberg

H. Michels, Enstr. 10, D-71083 Herrenberg, Germany [Helmut@sternwarte-herrenberg.de]
 0.40-m $f/5$ reflector + CCD
 UCAC-2
[146, 28, 0, 2007/10/04–2007/10/13]*

244 Geocentric Occultation Observation

D. Herald, P.O. Box 254, Woden, ACT 2606, Australia
DRHerald@bigpond.net.au
 Observers T. Campbell, R. Dammann, J. Duchek, D. Dunham, C. Ellington,
 P. Eschman, R. Fleishman, D. Gault, T. George, J. Guzman, S. Herchak,
 P. Maley, K. McKeown, S. Messner, W. Morgan, Z. Nitzkowski, D. Nye,
 P. Paakkonen, H. Pavlov, R. Peterson, S. Preston, P. Sada, D. Samuels,
 K. Shish, J. Stoffaire, J. Virtanen, D. Watson, S. Welch
 Measurers D. Herald, E. Frappa, T. Hayamizu, J. Talbot, B. Timerson
[14, 14, 0, 2003/01/06–2007/08/31]*

246 Kleť Observatory-KLENOT

J. Tichá, Hvězdárna Kleť, Zátkovo nábreží 4, CZ-37001 České Budějovice, South
 Bohemia, Czech Republic [klet@klet.cz]
 Observers J. Tichá, M. Tichý
 1.06-m KLENOT Telescope + CCD
 USNO-B1.0, USNO-A2.0
[1648, 207, 3, 2007/04/20–2007/10/16]*

261 Palomar-DSS

A. Gnädig, c/o Archenhold-Sternwarte, Alt-Treptow 1, D-12435 Berlin, Germany
gnadig@mind.de (1)
 Measurer R. Stoss
 1.2-m Schmidt
 USNO-B1.0
[2, 1, 0, 1990/08/01]*

291 LPL/Spacewatch II

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
 U.S.A. [bob@lpl.arizona.edu]
 Observers R. S. McMillan, T. H. Bressi, J. V. Scotti, M. T. Read, A. F. Tubbiolo
 Measurers J. L. Montani, T. H. Bressi, J. V. Scotti, M. T. Read, R. S. McMillan,
 A. F. Tubbiolo
 1.8-m $f/2.7$ reflector + CCD
 USNO-B1.0
[6319, 1739, 43, 2001/03/21–2007/10/23]*

300 Bisei Spaceguard Center–BATTeRS

S. Nakano, Japan Spaceguard Association, 60-7 2F, Sasazuka 1 Chome, Shibuya-
 Ku, 151-0073 Tokyo, Japan [batters@spaceguard.or.jp]
 Observers A. Asami, N. Hashimoto, K. Nishiyama, S. Okumura, T. Sakamoto,
 S. Urakawa, T. Urata

1.0-m $f/3.0$ reflector + CCD
 GSC-ACT, UCAC-2, USNO-B1.0
[1181, 157, 62, 2007/08/13–2007/10/21]*

304 Las Campanas Observatory

S. D. Kern, Space Telescope Science Institute, 3700 San Martin Drive, Baltimore,
 MD 21218, U.S.A. [susank@alum.mit.edu]
 Observer P. L. Schechter
 Measurer S. D. Kern
 Clay 6.5-m telescope + CCD
 1.02-m $f/10.0$ Ritchey-Chrétien + CCD
 USNO-B1.0
[2, 1, 0, 2007/07/11]*

327 Peking Observatory, Xinglong Station

J. Zhu, National Astronomical Observatories, Chinese Academy of Sciences, 20A
 Datun Road, Chaoyang District, Beijing 100012, People's Republic of China
zj@bac.pku.edu.cn
 Observers J. Zhu, X. Zhou, S. J. Xue, J. Ma, H. Wu, X. M. Teng, C. H. Liu,
 S. L. Kong
 Measurers X. M. Teng, S. L. Kong, C. H. Liu, J. Zhu
 0.60-m Schmidt + CCD
[21, 6, 0, 1996/05/12–1997/11/03]*

333 Desert Eagle Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada
microplanet333@yahoo.com
 0.45-m $f/3$ reflector + CCD
 USNO-A2.0, GSC-ACT
[263, 70, 0, 2003/09/27–2007/10/16]*

344 Bohyunsan Optical Astronomy Observatory

M.-Y. Chun, Korea Astronomy Observatory, San 36-1, Wha-am Dong, Yu-sung
 Gu, Daejeon 305-348, Korea [mychun@boao.re.kr]
 Observers Y.-B. Jeon, K. H. Kim, M. S. Kim
 1.8-m $f/8$ reflector + CCD
 GSC
[5, 2, 0, 2003/05/26–2003/12/28]*

355 Hadano

A. Asami, 28-1 Nishitawara, Hadano, Kanagawa-Ken 257, Japan
asami@st.rim.or.jp
 0.28-m $f/5.0$ reflector + CCD
 UCAC-2, USNO-B1.0, GSC-ACT
[24, 6, 0, 2007/09/15–2007/09/17]*

379 Hamamatsu-Yuto

S. Wakuda, Ufumi 9425-20, Yuto-cho, Hamana-gun, Shizuoka-ken 431-0102, Japan
caa54120@pop06.odn.ne.jp
 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD
 UCAC-2
[74, 5, 0, 2007/10/11–2007/10/22]*

400 Kitami

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

0.30-m $f/3.8$ reflector + CCD
UCAC-2

[37, 5, 2*, 2007/10/06–2007/10/18]

408 Nyukasa

M. Hirasawa, 6-62, Minami Koshigaya 1 Chome, Koshigaya, Saitama-Kem, 343 Japan

Observer T. Urata

0.35-m $f/3.6$ reflector + CCD
GSC-ACT

[3, 1, 0*, 2006/12/20–2006/12/23]

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)

K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu] (17)

Observers K. Sárneczky, L. Kiss, G. E. Sarty

Measurers K. Sárneczky, A. Derekas

1.02-m reflector + CCD, 2.3-m reflector + CCD

USNO-B1.0

{17} [431, 61, 12*, 2007/07/15–2007/10/22]

{1} [13, 5, 0*, 2001/08/24–2004/02/01]

415 Kambah, near Canberra

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

[DRHerald@bigpond.net.au]

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

UCAC-2, USNO-B1.0

[5, 2, 0*, 2007/10/13–2007/10/14]

423 North Ryde

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

[stevenmca@tpg.com.au]

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

UCAC-2

[11, 2, 0*, 2007/10/01–2007/10/20]

434 S. Benedetto Po

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

Observers M. Esornati, A. Righelli

0.42-m $f/4$ reflector + CCD

USNO-B1.0

[14, 3, 0*, 2007/10/08–2007/10/15]

443 Obs. Astronómico Plomer, Buenos Aires

S. Arlia, Tres Lomas 496, AR-1702 Ciudadela, Buenos Aires, Argentina

[saverio@sinectis.com.ar]

0.15-m $f/6.0$ reflector

ACT

[9, 1, 0*, 2007/08/12–2007/09/01]

448 Desert Moon Observatory

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

[blslcnm@comcast.net]

0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[417, 103, 1*, 2004/10/15–2007/10/23]

458 Guadarrama Observatory

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

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

USNO-A2.0

[6, 2, 0*, 2007/10/18–2007/10/19]

460 Area 52 Observatory, Nashville

R. Clingan, 305 Anglewood Dr., Nashville, AR 71852, U.S.A. [rrac-0460@sbcbglobal.net]

Observers R. Clingan, D. Alford

0.30-m Schmidt-Cassegrain + CCD

UCAC-2

[70, 12, 2*, 2004/12/16–2007/10/19]

461 University of Szeged, Piskéztető Stn. (Konkoly)

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

Observer G. Szabó

Measurer K. Sárneczky

0.60-m Schmidt + CCD

USNO-B1.0

[20, 7, 0*, 2007/07/19–2007/07/21]

473 Remanzacco

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

[sostero@elettra.trieste.it]

Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero

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

UCAC-2, USNO-B1.0

[84, 26, 0*, 2007/02/15–2007/10/21]

474 Mount John Observatory, Lake Tekapo

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

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

1.0-m $f/7.7$ reflector + CCD

USNO-B1.0

[71, 22, 0*, 2001/08/15–2007/10/14]

510 Siegen

H. Bill, Didaktik der Physik, Adolf-Reichweinstr. 2, D-57068 Siegen, Germany

[harald@astro1.physik.uni-siegen.de]

Observers M. Jung, H. Bill

0.30-m $f/5$ reflector + CCD

USNO-B1.0

[15, 6, 0*, 2007/10/14–2007/10/16]

557 Ondřejov

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

Observers P. Kušnirák, K. Hornoch

0.65-m $f/3.6$ reflector + CCD

UCAC-2

[259, 23, 0*, 2000/10/23–2007/10/17]

560 Madonna di Dossobuono

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

[astrofil@astbo1.bo.cnr.it]

0.4-m $f/5$ reflector + CCD

USNO-A2.0

[62, 17, 0*, 2007/09/30–2007/10/16]

566 Haleakala-NEAT/GEODSS

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

[efh@jpl.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, M. Hicks, P. Kervin

Measurers A. Lowe, F. Fratev, K. Sárneczky, R. Matson

1.0-m $f/2.2$ Ritchey-Chrétien + CCD

USNO-B1.0, USNO-A2.0

[53, 16, 0*, 1996/06/17–1998/03/25]

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)

D. D. Balam, Dept. of Physics, University of Victoria, P.O. Box 3055, Victoria, BC
V8W 3P6, Canada [balam@beluga.phys.uvic.ca] (9)

P. A. Wiegert, Physics and Astronomy Department, University of Western Ontario,
London N6A 3K7, Canada [pwiegert@uwo.ca] (19)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,
Italy [boattini@ias.rm.cnr.it] (20)

Measurers D. D. Balam, K. Perrett

3.6-m Canada-France-Hawaii Telescope + MegaCam

USNO-A2.0, USNO-B1.0

{19} [21, 7, 0*, 2004/08/12–2006/05/25]

{20} [42, 14, 0*, 2005/09/30–2005/12/03]

{1} [3, 1, 0*, 2005/01/16]

{2} [3, 1, 0*, 2005/10/07]

{9} [344, 66, 44*, 2003/07/31–2007/10/16]

585 Kiev comet station

A. Baransky, Astronomical Observatory of Kyiv University, Observatorna 3, Kyiv,
Ukraine [bar06@znannya.org.ua]

Observers A. Baransky, A. Zhdanov, S. Borysenko

0.7-m $f/4$ reflector + CCD

UCAC-2

[16, 5, 0*, 2007/09/29–2007/10/17]

586 Pic du Midi

C. Cavadore, Mitterweg Str. 2, D-85748 Garching bei München, Germany

[ccavador@eso.org]

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

Measurer B. Gaillard

1.05 m $f/6$ reflector + CCD

USNO-A2.0

[6, 2, 0*, 2007/09/12–2007/09/13]

595 Farra d'Isonzo

L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy

[ccaf@ccaf.it]

Observers L. Bittesini, G. Lombardi, E. Pettarin, F. Fabris, F. Piani

0.40-m $f/4.5$ reflector + CCD

USNO-A2.0

[93, 26, 4*, 2007/09/23–2007/10/20]

599 Campo Imperatore-CINEOS

A. Carusi, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,
Italy [cineos@ias.rm.cnr.it]

Observers A. Boattini, N. Napoleone, L. M. Laudì, R. Leoni, A. Di Paola,

A. Giunta, V. Casula, D. Perna

0.60-m $f/3$ Schmidt + CCD

USNO-A2.0

[112, 32, 0*, 2002/08/07–2005/07/31]

608 Haleakala-NEAT/MSSS

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.
[Raymond.J.Bamberg@jpl.nasa.gov]

P. Kervin, Air Force Maui Optical Station, 535 Lipoa Parkway, Suite 200, Kihei,
Maui, HI 96753, U.S.A. [paul@ulua.mhpcc.af.mil]

Observers E. F. Helin, S. H. Pravdo, K. J. Lawrence, P. Kervin, R. Maeda,
J. Africano, M. Hicks, D. Talent, P. Tanner, R. Bamberg, D. MacDonald,
R. Thicksten

Measurers K. Sárneczky, R. J. Bouma, F. Fratev, E. Schwab, A. Lowe, S. Kürti

1.2-m reflector + CCD

USNO-B1.0

[425, 127, 1*, 1996/08/08–2004/01/25]

611 Starkenburg

M. Busch, Niemoellerstr. 9, D-64646 Heppenheim, Germany

[Matthias.Busch@easysky.de]

0.45-m $f/4.4$ reflector + CCD

USNO-A2.0

[12, 4, 0*, 2007/10/14]

620 Observatorio Astronómico de Mallorca

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

Observers J. Rodriguez, S. Sanchez, R. Stoss, J. Nomen, A. Cikota, S. Cikota

0.30-m $f/9$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[241, 50, 4*, 2007/10/06–2007/10/22]

621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [0220455671-
0001@t-online.de]

0.60-m $f/5.2$ reflector + CCD

UCAC-2

[776, 149, 55*, 2001/05/13–2007/10/20]

639 Dresden

S. Gebhard, Duckwitzstrasse 27d, D-01129 Dresden, Germany [Gebhard@t-online.de]

0.35-m $f/7.3$ reflector + CCD

USNO-B1.0

[34, 7, 0*, 2007/09/30–2007/10/15]

644 Palomar Mountain/NEAT

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.

[Raymond.J.Bamberg@jpl.nasa.gov]

Observers R. Bamberg, E. F. Helin, S. H. Pravdo, M. Hicks, K. J. Lawrence, R. Thicksten, E. Hovland, T. Bickler, J. Schroeder, L. Scherr, A. Deetz, K. Kuluhiwa

Measurers S. Kürti, R. J. Bouma, K. Sárneczky, A. Lowe, R. Matson, F. Fratev, S. Foglia, M. Tombelli

1.2-m Oschin Schmidt + CCD

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

[4519, 864, 80*, 2001/06/16–2007/03/29]

645 Apache Point–Sloan Digital Sky Survey

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

Observers Sloan Digital Sky Survey Collaboration

Measurers Z. Ivezić, M. Jurić, R. Lupton, S. Tabachnik, T. Quinn

2.5-m SDSS Telescope + SDSS camera

UCAC-1

[1106, 440, 0*, 1998/09/19–2004/04/16]

649 Powell Observatory, Louisburg

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

[lrobinson@ix.netcom.com]

Observers R. Trentman, R. Fredrick

0.75-m Newtonian reflector + CCD

UCAC-2

[55, 15, 0*, 2007/10/11]

651 Grasslands Observatory, Tucson

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

[mcgaha@skepticus.com]

0.62-m $f/5.1$ Newtonian reflector + CCD

USNO-A2.0

[149, 51, 0*, 2007/10/05–2007/10/20]

670 Camarillo

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

[Director@CamarilloObservatory.com]

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

UCAC-2, USNO-A2.0

[11, 5, 0*, 2007/09/15]

673 Table Mountain Observatory, Wrightwood

J. Young, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109, U.S.A. [w7ftt@netscape.net] (5)

H. Rhoades, no details supplied [hrhoades@jpl.nasa.gov] (9)

Observers J. Young, H. Rhoades, D. Mayes

0.61-m $f/16$ Cassegrain + CCD

USNO-B1.0

{5} [213, 51, 4*, 2007/06/26–2007/10/19]

{9} [3, 1, 0*, 2007/10/16]

683 Goodricke-Pigott Observatory, Tucson

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

[gpobs@mindspring.com]

0.35-m $f/5$ reflector + CCD

UCAC-2

[15338, 1698, 38*, 2004/01/28–2007/10/22]

684 Prescott

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

[comba@northlink.com]

0.46-m $f/4.5$ reflector + CCD

GSC-1.1

[2, 1, 0*, 2002/05/07]

688 Lowell Observatory, Anderson Mesa Station

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

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

Observers L. H. Wasserman, M. W. Buie

1.8-m Perkins telescope + CCD

USNO-B1.0

{1} [8, 3, 0*, 1997/07/07–1997/12/29]

{5} [47, 23, 0*, 2000/03/03–2007/10/11]

691 Steward Observatory, Kitt Peak

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

Observers T. H. Bressi, J. V. Scotti, M. T. Read, A. F. Tubbiolo, R. S. McMillan, J. L. Montani, A. S. Descour

Measurers J. L. Montani, R. S. McMillan

0.9-m $f/3$ reflector + CCD

USNO-B1.0

[115278, 16973, 1470*, 1990/09/19–2007/10/23]

695 Kitt Peak

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

D. Wittman, Bell Laboratories, 600 Mountain Ave., Murray Hill, NJ 07974, U.S.A. [wittman@physics.bell-labs.com] (3)

J. W. Parker, Southwest Research Institute, 1050 Walnut Street, Suite 426, Boulder, CO 80302, U.S.A. [joel@boulder.swri.edu] (9)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (23)

Observers M. Buie, L. H. Wasserman, L. Jones, A. Bieryla

3.5-m reflector + CCD

USNO-A2.0

{23} [34, 15, 0*, 2004/10/10–2007/02/21]

{1} [189, 92, 0*, 2000/02/05–2006/10/19]

{3} [40, 9, 0*, 2000/11/27–2001/12/18]

{9} [16, 8, 0*, 2007/09/11–2007/09/12]

696 Whipple Observatory, Mt. Hopkins

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [chergen@pir1.lpl.arizona.edu] (1)

1.2-m reflector + CCD

USNO-B1.0

[3, 1, 0*, 1997/02/01]

699 Lowell Observatory-LONEOS

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

Observers B. A. Skiff, J. J. Sanborn, S. A. Karcz

Measurers B. W. Koehn, B. A. Skiff, J. J. Sanborn, S. A. Karcz

0.59-m LONEOS Schmidt + CCD

CMC

[98347, 20261, 127*, 1998/07/31–2007/10/20]

701 Junk Bond Observatory, Sierra Vista

D. Healy, Junk Bond Observatory, 6929 Madera Drive, Sierra Vista, AZ 85635, U.S.A. [healydave@cis-broadband.com]

0.81-m $f/4.4$ Ritchey-Chrétien + CCD

UCAC-2

[969, 180, 16*, 2005/01/06–2007/10/21]

703 Catalina Sky Survey

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

Observers R. E. Hill, R. A. Kowalski, A. R. Gibbs, E. Beshore, A. Boattini

Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill,

R. A. Kowalski, S. M. Larson

0.68-m Schmidt + CCD

UCAC-2

[200781, 31201, 624*, 1999/06/04–2007/10/21]

704 Lincoln Laboratory ETS, New Mexico

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

Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, J. Kistler

Measurers J. Stuart, S. Scruggs

1.0-m $f/2.15$ reflector + CCD

USNO-A2.0

[425636, 35558, 973*, 2002/09/06–2007/10/22]

705 Apache Point

G. A. Esquerdo, Planetary Science Institute, 1700 E. Ft. Lowell suite 106, Tucson, AZ 85719, U.S.A. [esquerdo@psi.edu] (3)

0.5-m $f/8.5$ reflector + CCD

USNO-SA2.0

[3, 1, 0*, 2004/09/08]

711 McDonald Observatory

J. G. Ries, McDonald Observatory, University of Texas, Austin, TX 78712, U.S.A. [moon@astro.as.utexas.edu]

0.76-m reflector + CCD

USNO-A2.0

[3, 1, 0*, 2000/05/03]

715 Journada Observatory

D. S. Dixon, 5975 Moonrise Vista, Las Cruces, NM 88012, U.S.A. [ddixon@lascruces.com]

0.41-m $f/7.4$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[57, 19, 0*, 2007/10/12–2007/10/20]

718 Wiggins Observatory, Tooele

P. Wiggins, University of Utah Hansen Planetarium, 15 South State Street, Salt Lake City, UT 84111-1590, U.S.A. [paw@wirelessbeehive.com]

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

UCAC-2

[4, 1, 0*, 2007/09/25]

734 Farpoint Observatory

G. Hug, RTE 1 Box 35c, Eskridge, KS 66423, U.S.A. [fast@nekaal.org]

Observers G. Hug, D. Tibbets

0.7-m reflector + CCD

UCAC-2

[428, 62, 18*, 2006/12/14–2007/10/23]

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, M. Eastman, T. E. Rabben, P. G. A. Garossino, C. Sexton

Measurers J. Dellinger, D. Wells

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

UCAC-2

[126, 20, 3*, 2002/07/04–2007/10/13]

807 Cerro Tololo

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

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (15)

Observers M. Buie, L. H. Wasserman

4.02-m $f/2.87$ reflector + 8K CCD + prime-focus corrector

USNO-B1.0

{15} [75, 31, 2*, 2005/08/08–2007/09/11]

{1} [236, 108, 0*, 2000/07/29–2006/04/28]

{3} [18, 4, 0*, 2000/03/08–2001/03/27]

808 El Leoncito

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

Observer H. S. Lepez

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

UCAC-2

[55, 13, 0*, 2007/09/18–2007/09/24]

809 European Southern Observatory, La Silla

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

R. Behrend, Geneva Observatory, CH-1290 Sauverny, Switzerland [raoul.behrend@obs.unige.ch] (20)

{20} [5, 1, 0*, 2006/04/25]

{4} [24, 8, 0*, 1993/07/12–1996/10/07]

{8} [17, 11, 0*, 1992/03/02–1996/10/18]

{9} [63, 18, 0*, 1993/10/21–2005/02/18]

843 Emerald Lane Observatory, Decatur

L. C. Ball, 4311 Emerald Lane, Decatur, AL 35603, U.S.A. [elo843@charter.net] 0.41-m $f/6.2$ Schmidt-Cassegrain + CCD

USNO-SA2.0

[3, 1, 0*, 2002/11/14]

850 Cordell-Lorenz Observatory, Sewanee

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

Observers D. T. Durig, T. Yu, A. M. Wright, M. C. House, D. L. Trompeter, E. M. Utermohlen, M. P. Burkhalter, D. S. Hardage, M. L. Greenwood

0.35-m $f/8.2$ Ritchey-Chrétien + 1K×1K CCD, 0.30-m $f/3$ Schmidt-Cassegrain + 765×510 CCD

UCAC-2

[153, 35, 17*, 2007/10/03–2007/10/21]

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

[57, 19, 0*, 1996/10/19–1998/10/22]

918 Badlands Observatory, Quinn

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

Observers V. Reddy, R. Dyvig, B. Loyola

0.66-m $f/4.8$ reflector + CCD

UCAC-2, USNO-A2.0

[3, 1, 0*, 2000/11/03]

926 Tenagra II Observatory

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

[mbs@tenagraobservatories.com]

Observers M. Ory, P. R. Holvorcem, M. Schwartz

0.81-m $f/7$ Ritchey-Chrétien + CCD

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

[103, 26, 0*, 2003/05/06–2007/10/20]

932 John J. McCarthy Obs., New Milford

M. Robson, P.O. Box 1144, New Milford, CT 06776, U.S.A.

[mail@mccarthyobservatory.org]

Observers M. Robson, J. Reynolds, P. Birtwhistle

0.4-m $f/6.5$ Schmidt-Cassegrain + CCD

UCAC-2

[10, 3, 0*, 2007/01/17–2007/10/21]

941 Observatorio Pla D'Arguines

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

[rferrand@ya.com]

Observers R. Ferrando, M. Ferrando

0.40-m $f/10$ Ritchey-Chrétien + CCD

UCAC-2

[331, 34, 21*, 2007/09/29–2007/10/20]

945 Observatorio Monte Deva

R. Cuesta, Avda de Portugal 52 1 D, E-33207 Gijon, Asturias, Spain

[ruli12@bigfoot.com]

Observer J. R. Vidal

0.36-m $f/4.48$ Schmidt-Cassegrain + CCD

USNO-A2.0

[5, 1, 0*, 2007/10/18]

947 Saint-Sulpice

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

internet.fr]

0.60-m $f/5.6$ reflector + CCD

UCAC-2

[62, 11, 6*, 2007/10/07–2007/10/16]

950 La Palma

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

R. Greimel, Instituto de Astrofisica de Canarias, Via Lactea, E-38200 La Laguna, Tenerife, Spain [greimel@ing.iac.es] (9)

Observers A. Fitzsimmons, S. Collander-Brown, R. Greimel

1.0-m $f/15$ reflector + CCD, 2.5-m Isaac Newton Telescope + CCD, 4.2-m William Herschel Telescope + CCD

USNO-A2.0, APM

{3} [18, 5, 0*, 1998/11/17–2002/11/06]

{9} [6, 2, 0*, 2001/08/17–2003/08/10]

952 Marxuquera

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

[astsaf@arrakis.es]

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

UCAC-2

[13, 4, 0*, 2007/10/13]

987 Isle of Man Observatory, Foxdale

D. Storey, 38 Hailwood Ave, Douglas, Isle of Man IM2 7DG, United Kingdom

[dave.storey@iomastronomy.org]

0.4-m Schmidt-Cassegrain + CCD

USNO-B1.0

[30, 11, 0*, 2007/10/13–2007/10/17]

A06 Mataro

F. García, Bonaire 25 Atic, E-08301 Mataro, Spain

[cosmosmataro@astrosurf.com]

Observer E. Cortes

0.25-m $f/4.4$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[38, 13, 0*, 2007/10/06–2007/10/13]

A10 Observatori Astronomic de Corbera

J. Barceló, C/ Del pla 11, E-08757 Corbera de Llobregat, Spain

[jmpca10@wanadoo.es]

Observers J. Barcelo, M. Casao, F. Morillas, C. Rodriguez

0.30-m $f/5.0$ Newtonian reflector + CCD

USNO-A2.0

[3, 1, 0*, 2007/10/14]

A13 Observatoire Naef, Marly

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland [kocher@bluewin.ch]

0.5-m $f/3.3$ Hypergraph + CCD

UCAC-2

[149, 49, 0*, 2007/10/02–2007/10/11]

A17 Guidestar Observatory, Weinheim

M. Emmerich, Brunhildstrasse 31, D-69469 Weinheim, Germany

[mark@guidestar.de]

Observers M. Emmerich, S. Melchert

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

UCAC-2

[45, 15, 0*, 2007/10/13–2007/10/20]

A24 New Millennium Observatory, Mozzate

E. Cozzi, Via Borghi 14, I-22076 Mozzate, Italy [new.millennium@tin.it]

0.36-m $f/7.6$ Schmidt-Cassegrain + CCD

USNO-A2.0

[806, 120, 0*, 2007/05/08–2007/10/20]

A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany

[joachim.lorenz.hormersdorf@t-online.de]

0.30-m $f/6.0$ reflector + CCD

UCAC-2

[29, 11, 0*, 2007/09/20–2007/10/08]

A37 Mueggelheim

S. Andersson, Wiesbacher Weg 10, D-125559 Berlin, Germany [s.andersson@t-online.de]

Observer S. Andersson

Measurer M. Haupt

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

UCAC-2

[16, 4, 0*, 2007/10/10–2007/10/15]

A39 Altenburg

J. Kopplin, Geraer Str. 37, Altenburg, Germany [Joerg.Kopplin@t-online.de]

0.25-m $f/7.2$ Schmidt-Cassegrain + CCD

UCAC-2

[34, 8, 0*, 2007/09/21–2007/09/22]

A44 Altschwendt

W. Ries, Privatobservatory Altschwendt, Altenseng 6, A-4721 Altschwendt, Austria

[diriesw@aon.at]

0.45-m $f/3.6$ reflector + CCD

USNO-B1.0

[815, 143, 32*, 2007/08/19–2007/10/17]

A48 Povegliano Veronese

F. Rossetti, Via Di Vittorio 6, Povegliano Veronese (Verona), Italy

[rosfla@libero.it]

0.30-m $f/5$ reflector + CCD

USNO-A2.0

[35, 7, 0*, 2007/09/18–2007/10/16]

A50 Andrushivka Astronomical Observatory

Yu. Ivashchenko, 3-7 Observatorna Sreet, Andrushivka, Zhytomyr reg, Ukraine

[yurets@gluk.org]

Observers Y. Ivashchenko, P. Ostafijchuk

0.6-m reflector + CCD

USNO-A2.0

[1692, 412, 13*, 2007/08/11–2007/10/18]

A53 Peschiera del Garda

R. Bianco, via della repubblica 31, I-37019 Peschiera del Garda, Italy

[robertobianco1950@libero.it]

0.25-m Schmidt-Cassegrain + CCD

USNO-A2.0

[47, 10, 0*, 2007/09/20–2007/10/15]

A55 Osservatorio Astronomico Vallemare di Borbona

V. S. Casulli, via Monte Rosa 1, I-00012 Colleverde di Guidonia (RM), Italy

[v.casulli@libero.it]

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

USNO-A2.0

[187, 27, 14*, 2007/10/02–2007/10/19]

A56 Parma

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

0.30-m $f/4.0$ reflector + CCD

USNO-SA2.0

[14, 3, 0*, 2007/10/13]

A60 YSTAR-NEOPAT Station, Sutherland

Y. I. Byun, Yonsei University Observatory, Seoul 120-749, South Korea

[byun@galaxy.yonsei.ac.kr]

Observers Y. I. Byun, W. Y. Han, Y. W. Kang, S. Y. Park, H. S. Yim, S. Y. Yu,

H. K. Moon, S. H. Oh, Y. H. Bae

0.5-m $f/2$ reflector + CCD

USNO-B1.0

[5, 1, 0*, 2006/05/30]

A70 Lumijoki

V. Kallio, Luontotie 48, SF-91980 Lumijoki, Finland
[veijo.kallio@mail.suomi.net]

0.40-m $f/5$ reflector

GSC, USNO-SA2.0

[4, 1, 0*, 2007/09/21]

A72 Radebeul Observatory

M. Fiedler, Astroclub Radebeul e.V., Auf den Ebenbergen 10a, D-01445 Radebeul, Germany [ccd@astroclub-radebeul.de]

0.35-m $f/4.5$ refractor + CCD

USNO-B1.0

[26, 4, 3*, 2007/10/13–2007/10/14]

A74 Bergen-Enkheim Observatory

U. Suessenberger, Hohe Strasse 14, D-60388 Frankfurt, Germany
[u.suessenberger@t-online.de]

0.36-m $f/4.6$ Schmidt-Cassegrain + CCD

USNO-B1.0

[39, 7, 1*, 2007/01/14–2007/10/18]

A77 Observatoire Chante-Perdrix, Dauban

F. Kugel, Chante Perdrix, Dauban, F-04150 Banon, France [fkugel@wanadoo.fr]

Observers C. Rinner, F. Kugel

0.5-m $f/3$ reflector + CCD

USNO-A2.0, USNO-B1.0

[6932, 1592, 117*, 2007/09/05–2007/10/22]

A78 Stia

G. Bartolozzi, Via 17 Partigiani No. 56, I-52017 Stia, Arezzo, Italy
[giba44@interfree.it]

0.30-m $f/10$ Ritchey-Chrétien + CCD + focal reducer

UCAC-2, USNO-B1.0

[38, 10, 0*, 2007/10/08–2007/10/16]

A80 Lindenberg Observatory

A. Knöfel, Am Observatorium 2, D-15848 Lindenberg, Germany
[aknoefel@minorplanets.de]

0.30-m $f/4$ reflector + CCD

UCAC-2, USNO-A2.0

[100, 34, 0*, 2007/10/15–2007/10/22]

A81 Balzaretto Observatory, Rome

L. Franco, via G. Balzaretto 80, I-00163 Roma, Italy [lor_franco@libero.it]

0.20-m $f/5.3$ reflector + CCD

UCAC-2

[10, 1, 0*, 2007/09/30–2007/10/02]

A82 Osservatorio Astronomico di Trieste

C. Cremaschini, Via Sottura 40, I-25030 Pompiano (BS), Italy
[cremaclaudio@tiscali.it]

Observers C. Cremaschini, C. Zamberlan

0.36-m $f/7$ Schmidt-Cassegrain + CCD

USNO-B1.0

[11, 3, 0*, 2007/10/15]

A87 Rimbach

M. Koenig, Hainbuchenweg 8, D-64668 Rimbach, Germany [m.koenig@schmid-koenig.de]

0.20-m $f/9$ Hypergraph + CCD

USNO-B1.0

[7, 2, 0*, 2007/10/20]

A88 Bolzaneto

S. Martini, via B. Castiglione 7, Bolzaneto (GE), Italy [mar.stefano@yahoo.it]

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

UCAC-2

[3, 1, 0*, 2007/10/21]

A92 Urseanu Observatory, Bucharest

A. Sonka, Astronomical Observatory Amiral Vasile Urseanu, Bd. Lascar Catargiu nr. 21, sect1, Bucharest, Romania [bruno@astroclubul.org]

USNO-B1.0

[11, 2, 0*, 2007/10/16]

A94 Cormons

E. G. Basiglio Ribaudo, 22 Via Savaian, I-34071 Cormons, Italy
[pociotti@simail.it]

0.35-m $f/6.8$ Ritchey-Chrétien + CCD

USNO-B1.0, USNO-A2.0

[26, 8, 0*, 2007/10/02–2007/10/03]

A97 Stammersdorf

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria
[vollmann@gmx.at]

0.13-m $f/4$ refractor + CCD

UCAC-2

[6, 1, 0*, 2007/10/15]

B01 Taunus Observatory, Frankfurt

E. Schwab, Westendstrasse 8, D-63329 Egelsbach, Germany [e.schwab@gsi.de]

Observers R. Kling, E. Schwab, S. Karge, U. Zimmer

Measurers R. Kling, E. Schwab, E. R. Kling

0.6-m $f/3.3$ Cassegrain + CCD

UCAC-2

[683, 97, 9*, 2007/09/16–2007/10/20]

B02 Kielce

P. Kankiewicz, Swietokrzyska 15, 25-406 Kielce, Poland

[pawel.kankiewicz@pu.kielce.pl]

Observers P. Kankiewicz, M. Grudzinska

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

USNO-B1.0

[23, 2, 0*, 2007/10/09–2007/10/16]

B03 Alter Satzberg, Vienna

M. Pietschnig, KLG Alter Satzberg 88, A-1140 Wien, Austria

[pietschnig@utanet.at]

0.35-m $f/7$ Schmidt-Cassegrain + CCD

USNO-B1.0

[127, 22, 2*, 2007/09/29–2007/10/16]

B04 Saint-Barthelemy Observatory

A. Carbognani, Osservatorio Astronómico della Regione Autonoma Valle d'Aosta 39 Saint-Barthelemy Lignan, I-11020 Nus (Aosta), Italy
[albino@fis.unipr.it]

Observers A. Carbognani, P. Calcidese

0.81-m $f/7.9$ reflector + CCD

USNO-B1.0

[22, 5, 0*, 2007/10/03–2007/10/21]

B09 Capannoli

P. Bacci, Via Niccolini 27, Capannoli (PI), Italy

[backman@backman.homelinux.org]

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

UCAC-2

[3, 1, 0*, 2007/10/02]

B11 Osservatorio Cima Rest, Imola

F. Lucidi, Via Fratelli Bandiera 14, I-40026 Imola (BO), Italy

[fabrizioluc@yahoo.it]

Observer M. Tonincelli

0.5-m $f/5$ Newtonian reflector + CCD

UCAC-2

[15, 5, 0*, 2007/10/06]

B15 Inastars Observatory, Potsdam (since 2006)

B. Thinius, Moosgloeckchenweg 8, D-14478 Potsdam, Germany [thinius@t-online.de]

0.36-m $f/7.5$ Schmidt-Cassegrain + CCD

UCAC-2

[54, 19, 0*, 2007/10/07–2007/10/20]

B19 Observatori Iluro, Mataro

J. M. Villegas B., Plaza de les Tereses, E-08302 Mataro, Barcelona, Spain

[vilaia@telefonica.net]

0.15-m $f/8.0$ refractor + CCD

UCAC-2

[18, 7, 0*, 2007/10/06–2007/10/07]

B20 Observatori Carmelita, Tiana

J. M. Aymami, Av. Lluís Companys, 45-47, E-08391 Tiana, Spain

[pepineus@terra.es]

0.25-m Schmidt-Cassegrain + CCD

USNO-A2.0

[6, 2, 0*, 2007/10/06–2007/10/07]

B21 Gaisberg Observatory, Schaerding

R. Gierlinger, Adalbert Stifterstrasse 45, A-4780 Schaerding, Austria

[info@gierlinger.cc]

0.6-m $f/3.3$ Newtonian reflector + CCD

USNO-A2.0

[254, 59, 16*, 2007/08/18–2007/10/14]

B23 Fiamene

R. Biondani, 1 via Papa Luciani, Fiamene, Italy

[robertobiondani@aliceposta.it]

0.50-m $f/8$ reflector + CCD

USNO-A2.0

[23, 4, 0*, 2007/09/21–2007/10/19]

B24 Cesson

M. Serrau, 10 allée du Jasmin, F-77240 Cesson, France [marc.serrau@free.fr]

0.2-m Schmidt-Cassegrain + CCD, 0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[78, 29, 0*, 2007/09/15–2007/10/20]

B28 Mandi Observatory, Pagnacco

P. Corelli, Mandi Observatory, Pagnacco, Udine, Italy [corelli@conecta.it]

0.45-m $f/4.5$ reflector + CCD

UCAC-2

[12, 2, 0*, 2007/10/18–2007/10/19]

B32 Gelenau

M. Behnke, Strasse der Einheit 241, D-09423 Gelenau, Germany [mike-behnke@freenet.de]

0.30-m $f/4$ reflector + CCD

UCAC-2

[28, 7, 0*, 2007/10/13–2007/10/16]

B33 Libbiano Observatory, Peccioli

P. Bacci, Centro Astronómico Libbiano, Loc. Libbiano Via della Chiesa 32, 56037 Peccioli (PI), Italy [asteroidi@backman.homelinux.org]

Observers P. Bacci, R. Emilio, D. Antonacci

0.5-m $f/8$ Ritchey-Chrétien + CCD

USNO-SA2.0

[10, 5, 0*, 2007/10/20–2007/10/21]

B34 Green Island Observatory, Gecitkale

Y. Ogmen, Gecitkale, Magosa, Cyprus [yenalogmen@yahoo.com]

0.36-m $f/10$ Ritchey-Chrétien + CCD + $f/5$ focal reducer

USNO-B1.0

[4, 2, 0*, 2007/10/16]

B36 Redshed Observatory, Kallham

H. Bachleitner, Weireth 18, A-4720 Kallham, Austria

[hannes.bachleitner@aon.at]

0.32-m $f/5$ reflector + CCD

USNO-A2.0

[75, 29, 2*, 2007/09/17–2007/10/16]

B37 Obs. de L' Ametlla del Valles, Barcelona

A. Garrigós Sánchez, L' Ametlla del Vallés, E-08480 Barcelona, Spain

[ags2es@yahoo.es]

0.51-m $f/4$ Newtonian reflector + CCD

USNO-SA2.0

[94, 9, 0*, 2007/09/27–2007/10/19]

B38 Santa Mama

S. Trevisan, Castagnoli 127/I, Subbiano, Italy [stelucy3@interfree.it]

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

UCAC-2, USNO-B1.0

[8, 2, 0*, 2007/10/08]

B39 Tradate

L. Comolli, Gruppo Astronomico Tradatese, Corso Bernacchi 69, I-21049 Tradate (VA), Italy [comolli@libero.it]

Observer L. Comolli

Measurers L. Comolli, F. Manca

0.30-m $f/2.0$ Schmidt + CCD

UCAC-2, USNO-A2.0

[128, 50, 0*, 2007/10/01–2007/10/11]

B40 Skyline Observatory, Catania

F. Tozzi, Via Milo 28, Catania, Italy [skylive@skylive.it]

0.41-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.0$ focal reducer

UCAC-2

[49, 12, 2*, 2007/10/04–2007/10/22]

B44 Eygalayes

P. Sogorb, 5 rue Favière, F-77176 Savigny-le-Temple, France [p.sogorb@club-internet.fr]

0.43-m $f/2.7$ reflector + CCD

USNO-A2.0

[11, 5, 0*, 2007/08/12–2007/08/13]

B48 Bocholt

G. Weselowski, Holtwickerstr. 24, D-46399 Bocholt, Germany

[gweselowski@versanet.de]

0.15-m $f/4.8$ reflector + CCD

USNO-A2.0

[41, 4, 0*, 2007/10/06–2007/10/07]

B49 Paus Observatory, Sabadell

J. Camarasa, CC/ de les Paus no. 96 bajos, E-08202 Sabadell (BCN), Spain

[jordi.camarasa@ya.com]

0.20-m $f/5$ Newtonian reflector + CCD

USNO-A2.0

[10, 3, 0*, 2007/09/27–2007/09/30]

D21 Shenton Park

P. Luckas, 18 Waverley Street, Shenton Park, WA 6008, Australia

[paul.lucas@mac.com]

Observers P. Luckas, P. R. Holvorcem, M. Schwartz

0.35-m $f/9.4$ Schmidt-Cassegrain + CCD

USNO-A2.0

[78, 20, 0*, 2007/10/03–2007/10/23]

D29 Purple Mountain Observatory, XuYi Station

H. B. Zhao, 2# West Beijing Road, Nanjing 210008, China [meteorzh@pmo.ac.cn]

Observers H. B. Zhao, J. S. Yao, Y. Z. Wu, G. T. Zhaori, M. Wang, R. Q. Hong,

L. F. Hu

Measurers H. B. Zhao, G. T. Zhaori, H. Lu, F. Zeng, Y. Xia

1.04-m $f/1.8$ Schmidt + CCD

[21080, 4798, 56*, 2007/08/12–2007/10/22]

D35 Lulin Observatory

H. C. Lin, 300 JungDa Rd., Chung-li City, Tao-yuan Country, Taiwan

[hclin@lulin.ncu.edu.tw]

Q.-z. Ye, Room 404, 12 Huasheng Street, Guangzhou, China [yedawei@tom.com]

Observers Q.-z. Ye, H.-C. Lin, C.-S. Lin, C.-Y. Shih

0.41-m $f/8.8$ Ritchey-Chrétien + $2K \times 2K$ CCD + $f/6.25$ focal reducer

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

[4801, 1527, 18*, 2006/05/22–2007/10/22]

E10 Spring Observatoy-Faulkes Telescope South

D. Bowdley, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB,

Wales [david.bowdley@astro.cf.ac.uk]

Observer F. Tozzi

2.0-m reflector + CCD

USNO-B1.0

[6, 3, 0*, 2007/10/15]

E11 Frog Rock Observatory, Mudgee

S. Quirk, 57 Norlenbah Road, Mudgee, NSW 2850, Australia

[sjquirk@hwy.com.au]

0.32-m reflector + CCD, 0.20-m reflector + CCD

UCAC-2

[7, 2, 0*, 2007/08/11–2007/10/03]

E12 Siding Spring Survey

R. H. McNaught, Siding Spring Observatory, Coonabarabran, NSW 2357, Australia

[rmn@mso.anu.edu.au]

Observer R. H. McNaught

0.5-m Uppsala Schmidt + CCD

UCAC-2

[21484, 4713, 78*, 2004/03/19–2007/10/22]

E14 Hunters Hill Observatory, Ngunnawal

D. Higgins, 7 Mawalan Street, Ngunnawal, ACT 2913, Australia

[higginsdj@bigpond.com]

0.36-m $f/4$ Schmidt-Cassegrain + CCD

USNO-A2.0

[21, 7, 0*, 2004/08/07–2007/10/13]

F65 Haleakala-Faulkes Telescope North

D. Bowdley, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB,

Wales [david.bowdley@astro.cf.ac.uk] (3)

Observer M. Beer

2.0-m Ritchey-Chrétien + CCD

USNO-B1.0

[3, 1, 0*, 2007/10/03]

F84 Hibiscus Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia

[ateamo@mail.pf]

Observers N. Teamo, S. F. Hönig, J. C. Pelle

0.35-m $f/2.0$ Schmidt + 1392×1040 CCD

UCAC-2

[324, 107, 5*, 2007/09/03–2007/10/22]

F85 Tiki Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia

[ateamo@mail.pf]

Observers N. Teamo, J. C. Pelle, S. Hönig

0.41-m $f/8.0$ Ritchey-Chrétien + 3056×3056 CCD
UCAC-2

[158, 29, 8*, 2007/10/03–2007/10/22]

G69 Thousand Oaks

J. W. Brinsfield, 5180 Via Capote, Thousand Oaks, CA 91320, U.S.A.
[jbrinsfi@gmail.com]

0.3-m $f/11.5$ Cassegrain + CCD
USNO-A2.0

[15, 2, 0*, 2007/10/07–2007/10/14]

G72 University Hills

J. Foster, 4858 Seldner Ave., Los Angeles, CA 90032, U.S.A.
[jrfcomet@sbcglobal.net]

0.33-m reflector + CCD
USNO-SA2.0

[109, 5, 0*, 2007/09/26–2007/10/20]

G92 Jarnac Observatory, Vail

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

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

0.64-m $f/7.2$ Ritchey-Chrétien + CCD

USNO-A2.0

[12, 4, 0*, 2006/04/02–2006/12/27]

G96 Mt. Lemmon Survey

E. Beshore, 1629 E. University Blvd., Tucson, AZ 85721-0092, U.S.A.
[ebeshore@lpl.arizona.edu]

Observers A. Boattini, S. M. Larson, A. R. Gibbs, E. Beshore, R. E. Hill,
R. A. Kowalski, A. D. Grauer

1.5-m reflector + CCD

UCAC-2

[161458, 30448, 1048*, 2004/10/15–2007/10/22]

G98 Calvin-Rehoboth Observatory, Rehoboth

L. A. Molnar, Dept. of Physics & Astronomy, Calvin College, 1734 Knollcrest
Circle SE, Grand Rapids, MI 49546, U.S.A. [lmolnar@calvin.edu]

0.4-m $f/8$ Ritchey-Chrétien + CCD + $f/5.2$ focal reducer

USNO-A2.0

[511, 54, 24*, 2004/12/19–2007/10/19]

H01 Magdalena Ridge Observatory, Socorro

W. H. Ryan, Magdalena Ridge Observatory, New Mexico Tech, Socorro, NM
87801, U.S.A. [bryan@nmt.edu]

2.4-m $f/8.9$ reflector + CCD

USNO-B1.0

[39, 7, 0*, 2007/10/16–2007/10/20]

H06 RAS Observatory, Mayhill

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew.lowe@encana.com] (6)

D. Wells, 10141 Cash Road, Suite E125, Stafford, TX 77477, U.S.A.

[don.wells@hccs.edu] (13)

E. Guido, via Paride del Pozzo 12, I-80053 Castellammare di Stabia, Italy
[walcom77@gmail.com] (14)

R. Gagliano, 2142 Quail Run Road, Cottonwood, AZ 86326, U.S.A.

[webdoc@commspeed.net] (16)

Observers A. Lowe, M. Suzuki, E. Guido, G. Sostero, R. Gagliano, W. G. Dillon

Measurers A. Lowe, M. Suzuki, E. Guido, G. Sostero, R. Gagliano, D. Wells

0.25-m $f/3.4$ reflector + CCD, 0.30-m $f/11.9$ reflector + CCD, 0.25-m $f/3.4$

hyperbolic astrograph + CCD

UCAC-2, USNO-B1.0

{13} [6, 2, 0*, 2007/10/03]

{14} [3, 1, 0*, 2007/10/08]

{16} [6, 2, 0*, 2007/10/08–2007/10/09]

{6} [383, 81, 27*, 2005/03/12–2007/10/21]

H07 7300 Observatory, Cloudcroft

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

[microplanet333@yahoo.com]

0.45-m $f/3$ reflector + CCD

GSC-ACT

[3433, 511, 69*, 2007/05/10–2007/10/20]

H45 Petit Jean Mountain South

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

Observer P. C. Sherrod

Measurers D. Birmingham, P. C. Sherrod

0.51-m $f/4$ Schmidt-Cassegrain + CCD

UCAC-2

[448, 32, 0*, 2007/10/11–2007/10/21]

H47 Vicksburg

C. Bell, 107 Judson Circle, Vicksburg, MS 39180, U.S.A.

[charbell@bellsouth.net]

0.3-m Schmidt-Cassegrain + CCD

USNO-B1.0

[16, 7, 0*, 2007/10/06–2007/10/22]

H51 Greiner Research Observatory, Verona

M. Mills, 3186 Danbury Drive West, Janesville, WI 53546, U.S.A.

[mills@charter.net]

0.4-m $f/8$ Ritchey-Chrétien + CCD

UCAC-2, GSC-ACT

[172, 39, 0*, 2007/09/17–2007/10/20]

H55 Astronomical Research Observatory, Charleston

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

Observer R. Holmes

Measurers M. Parham, J. Jenkins, R. Holmes, R. Floro, H. Chun, J. Jones,

M. Dampier, T. Morin, E. Wade, K. Kelley, M. Howell, H. Devore

0.81-m $f/4.0$ astrograph + CCD, 0.61-m $f/4.0$ astrograph + CCD

USNO-B1.0

[1202, 311, 27*, 2007/08/14–2007/10/22]

H59 Prairie Grass Observatory, Camp Cullom

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

0.41-m Schmidt-Cassegrain + CCD

USNO-B1.0

[127, 17, 9*, 2007/10/05–2007/10/22]

H68 Red Barn Observatory, Ty Ty

S. Farmer, Jr., 865 WB Parks Road, Ty Ty, GA 31795, U.S.A.

[sefarmer@planttel.net]

Observer S. Farmer, Jr.

Measurers S. Farmer, Jr., M. Saavedra, J. Sachs

0.30-m $f/5$ Cassegrain + CCD

USNO-B1.0

[67, 15, 0*, 2007/09/04–2007/09/16]

H82 CBA-NOVAC Observatory, Front Royal

D. Skillman, 6-G Ridge Road, Greenbelt, MD 20770, U.S.A.

[dskillman@comcast.net]

0.66-m $f/2.7$ reflector + CCD

UCAC-2

[163, 28, 6*, 2007/09/05–2007/10/22]

H83 Timberlake Observatory, Oakton

N. Cronin, 11223 Timberlake Ct., Oakton, VA 22124, U.S.A.

[ne.cronin@verizon.net]

0.36-m $f/4.2$ Schmidt-Cassegrain + CCD

USNO-B1.0

[2, 1, 0*, 2007/09/30]

H87 Fenwick Observatory, Richmond

G. L. Waddill, 2002 Murdoch Road, Richmond, VA 23229, U.S.A.

[astroscope@comcast.net]

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

USNO-A2.0

[13, 1, 0*, 2007/10/09–2007/10/14]

I03 European Southern Obs., La Silla-ASTROVIRTEL

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy

2.2-m reflector + CCD

USNO-A2.0

[14, 4, 0*, 1999/07/20–2003/02/07]

I08 Alianza S4, Cerro Burek

R. Gil-Hutton, Casilla de Correo 467, Av. España 1512 sur, J5402DSP, San Juan, Argentina [rgilhutton@casleo.gov.ar]

Observer I. de la Cueva

0.45-m $f/2.8$ reflector + CCD

USNO-B1.0

[72, 8, 2*, 2007/05/25–2007/09/18]

I77 CEAMIG-REA Observatory, Belo Horizonte

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil

[cjacques1f@yahoo.com.br]

Observers C. Jacques, E. Pimentel

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

UCAC-2

[22, 8, 0*, 2007/10/09–2007/10/16]

J39 Ingenio

J. A. Moreno Q., 5 C/Pascual Richart, Ingenio, C.P. 35250 (Gran Canaria), Las Palmas, Spain [jamq_obs_igc@telefonica.net]

0.25-m $f/4$ Schmidt-Newtonian + CCD

USNO-A2.0

[23, 8, 0*, 2007/10/04–2007/10/09]

J40 Malaga

J. M. Ruiz M., C/ Virgen Bien Aparecida No. 3, E-29007 Malaga, Spain [obs-malaga@orange.es]

0.20-m $f/5$ Newtonian reflector + CCD

USNO-A2.0, UCAC-2

[8, 2, 0*, 2007/10/04–2007/10/10]

J44 Observatorio Iturrieta, Alava

L. Etxazarra, L. Etxazarra, Observatorio Iturrieta, Alava, Spain

[luisetx@euskalnet.net]

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

USNO-B1.0

[17, 5, 0*, 2007/10/13–2007/10/17]

J45 Observatorio Montana Cabreja, Vega de San Mateo

F. A. Rodriguez R., Observatorio Montana Cabreja, C/ El Retiro, 39 2

IZQ, Vega de San Mateo, E-35320, Las Palmas, Canary Islands, Spain

[miradordelcielo@gmail.com]

0.15-m $f/5$ reflector

USNO-A2.0

[8, 4, 0*, 2007/10/06–2007/10/13]

J46 Observatorio Montana Blanca, Tias

C. Piret, C/ Barranco Truchas 3, E-35572 Tias (Las Palmas), Spain

[ceslo@telefonica.net]

0.20-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[6, 4, 0*, 2007/09/29–2007/10/15]

J51 Observatorio Atlante, Tenerife

J. A. Henriquez, Juan Alvarez Delgado 11, 5, 2, E-38007 S. C. de Tenerife, Spain

[jahensan@gmail.com]

0.2-m $f/9$ Cassegrain + CCD

USNO-A2.0, UCAC-2

[51, 10, 0*, 2007/10/02–2007/10/22]

J52 Observatorio Pinsoro

O. Canales, Av. Madrid 204, E-50017 Zaragoza, Spain [ocanales@able.es]

0.25-m $f/3.2$ reflector + CCD

UCAC-2

[3, 1, 0*, 2007/10/12]

J53 Posadas

R. Benavides, Gaitan 20, 1o. C, E-14730 Posadas-Córdoba, Spain

[Rafaelbenpal@hotmail.com]

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

UCAC-2

[3, 1, 0*, 2007/10/09]

J65 Celbridge

D. McDonald, 38 The Walk, Oldtown Mill, Celbridge, Co. Kildare, Ireland
[dmcdona@eircom.net]

0.36-m $f/11$ Schmidt-Cassegrain + CCD
USNO-B1.0

[21, 13, 0*, 2007/10/03–2007/10/09]

J69 North Observatory, Clanfield

D. Briggs, 124 Redbridge Grove, Havant, Portsmouth PO9 3DF, England
[dbriggs@kepler.demon.co.uk]

0.40-m $f/4.57$ Newtonian reflector + CCD
USNO-A2.0

[20, 6, 0*, 2007/10/04–2007/10/20]

J70 Obs. Astronómico Vega del Thader, El Palmar

J. P. Navarro P., Observatorio Astronómico Vega del Thader, El Palmar, Murcia, Spain [jpab@ono.com]

0.25-m Schmidt-Cassegrain + CCD
USNO-B1.0

[2, 1, 0*, 2007/10/13]

J75 OAM Observatory, La Sagra

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

Observers J. L. Ortiz, N. Morales, R. Stoss, S. Sanchez, J. Nomen, A. Cikota,
S. Cikota, J. Rodriguez, P. Santos-Sanz

0.36-m $f/2$ reflector + CCD, 0.45-m $f/2.8$ reflector + CCD, 0.30-m $f/2.8$ reflector
+ CCD

UCAC-2, GSC-ACT

[146, 46, 28*, 2007/08/11–2007/10/21]

J87 La Cañada

J. Lacruz, Ramon Gomez de la Serna 83 7F, E-28035 Madrid, Spain
[juan@lacanada.es]

0.40-m Ritchey-Chrétien + CCD, 0.30-m Schmidt-Cassegrain + CCD
UCAC-2, USNO-A2.0

[351, 111, 10*, 2007/09/07–2007/10/21]

J88 Strawberry Field Obs., Southampton

L. D. J. Harris, 55 Richville Road, Shirley, Southampton SO16 4GH, England
[lawrence@astronomer.plus.com]

0.30-m $f/6$ Schmidt-Cassegrain + CCD
USNO-A2.0

[11, 4, 0*, 2007/10/17]

J93 Mount Tuffley Observatory, Gloucester

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

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

[6, 1, 0*, 2007/10/10–2007/10/17]

J95 Great Shefford

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

0.40-m $f/6.0$ Schmidt-Cassegrain + CCD

UCAC-2

[130, 46, 0*, 2007/09/04–2007/10/11]

ORBITAL ELEMENTS

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

F. N. Bowman, 7240 Cave Road, Route 2, Bainbridge, OH 45612, U.S.A.

[planet2996@yahoo.com]

A. Doppler, 11 St. David's Court, 31-33 Castle Ave., Dublin 3, Ireland

[adoppler@cfa.harvard.edu]

S. Foglia, C. Gariboldi 11, I-28100 Novara Veveri, Italy [s.foglia@libero.it]

P. M. M. Jenniskens, SETI Institute, 515 North Whisman Road, Mountain View,
CA 94043-2172, U.S.A. [pjenniskens@mail.arc.nasa.gov]

B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu]

S. Nakano, 3-19, 1 chome, Takenokuchi, Sumoto, Hyogo-ken 656, Japan
[nakano@oaa.gr.jp]

M. E. Sansaturio, E.T.S. Ingenieros Industriales, Paseo del Cauce s/n, E-47011
Valladolid, Spain [marsan@wmatem.eis.uva.es]

K. E. Smalley, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [ksmalley@cfa.harvard.edu]

T. B. Spahr, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [tspahr@cfa.harvard.edu]

G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [gwilliams@cfa.harvard.edu]

MPCADO (entirely automated processing on MPC computer ADONIS)

MPCALB (entirely automated processing on MPC computer ALBERT)

MPCALI (entirely automated processing on MPC computer ALINDA)

MPCAPO (entirely automated processing on MPC computer APOLLO)

P/2004 A1 (LONEOS)

Epoch 2004 Aug. 23.0 TT = JDT 2453240.5

T	2004 Aug. 25.8379 TT		MPC	
q	5.462523	(2000.0)	P	Q
n	0.0444220	ω 20.4848	−0.8215450	−0.5500840
a	7.895942	Ω 125.2459	+0.4942143	−0.8181773
e	0.308186	i 10.5768	+0.2842816	−0.1673125
P	22.2			

From 495 observations 2003 Oct. 25–2007 Aug. 7, mean residual 0".7.

C/2004 E5 (SOHO)

T 2004 Mar. 1.80 TT

q	0.0050	(2000.0)	P	Q
		ω 85.45	+0.10249	−0.99458
		Ω 1.67	−0.96544	−0.10374
e	1.0	i 142.71	+0.23962	+0.00744

From 10 observations 2004 Mar. 1.

C/2006 S3 (LONEOS)

Epoch 2012 Apr. 23.0 TT = JDT 2456040.5

<i>T</i>	2012 Apr. 16.5329 TT		MPC	
<i>q</i>	5.131028	(2000.0)	P	Q
<i>z</i>	−0.000636	<i>ω</i> 140.1350	−0.2157074	−0.9648954
	±0.000024	<i>Ω</i> 38.3673	−0.9461088	+0.2444848
<i>e</i>	1.003264	<i>i</i> 166.0321	−0.2415542	−0.0959374

From 109 observations 2006 Aug. 29–2007 Oct. 19, mean residual 0^{''}.7.

P/2007 C2 (Catalina)

Epoch 2007 Sept. 17.0 TT = JDT 2454360.5

<i>T</i>	2007 Sept. 4.6556 TT		MPC	
<i>q</i>	3.779478	(2000.0)	P	Q
<i>n</i>	0.0528889	<i>ω</i> 179.4680	−0.0974478	−0.9838776
<i>a</i>	7.028992	<i>Ω</i> 276.1182	+0.9125574	−0.0282003
<i>e</i>	0.462302	<i>i</i> 8.6746	+0.3971685	−0.1766061

P 18.6

From 123 observations 2006 Oct. 19–2007 Oct. 14, mean residual 0^{''}.6.**C/2007 J8 (SOHO)***T* 2007 May 13.33 TT

<i>q</i>	0.0052	(2000.0)	P	Q
		<i>ω</i> 97.49	+0.13907	−0.96214
		<i>Ω</i> 20.64	−0.94017	−0.20263
<i>e</i>	1.0	<i>i</i> 138.32	+0.31103	−0.18230

From 7 observations 2007 May 12–13.

C/2007 J9 (SOHO)*T* 2007 May 14.64 TT

<i>q</i>	0.0060	(2000.0)	P	Q
		<i>ω</i> 83.52	+0.23162	−0.96831
		<i>Ω</i> 8.79	−0.93879	−0.24766
<i>e</i>	1.0	<i>i</i> 142.32	+0.25500	−0.03222

From 23 observations 2007 May 13–14.

C/2007 J10 (SOHO)*T* 2007 May 14.56 TT

<i>q</i>	0.0052	(2000.0)	P	Q
		<i>ω</i> 82.86	+0.18636	−0.98147
		<i>Ω</i> 4.42	−0.95993	−0.19155
<i>e</i>	1.0	<i>i</i> 144.67	+0.20928	−0.00466

From 11 observations 2007 May 14.

C/2007 J11 (SOHO)*T* 2007 May 16.84 TT

<i>q</i>	0.0049	(2000.0)	P	Q
		<i>ω</i> 87.28	+0.18044	−0.97890
		<i>Ω</i> 9.48	−0.95905	−0.19675
<i>e</i>	1.0	<i>i</i> 144.38	+0.21832	−0.05522

From 47 observations 2007 May 15–16.

C/2007 J12 (SOHO)*T* 2007 May 16.91 TT

<i>q</i>	0.0079	(2000.0)	P	Q
		<i>ω</i> 90.08	+0.24709	−0.94973
		<i>Ω</i> 18.31	−0.93267	−0.28691
<i>e</i>	1.0	<i>i</i> 142.26	+0.26280	−0.12529

From 11 observations 2007 May 15–16.

C/2007 K7 (SOHO)*T* 2007 May 17.31 TT

<i>q</i>	0.0081	(2000.0)	P	Q
		<i>ω</i> 82.04	+0.22925	−0.97034
		<i>Ω</i> 6.91	−0.93069	−0.24160
<i>e</i>	1.0	<i>i</i> 140.36	+0.28508	−0.00843

From 7 observations 2007 May 16.

C/2007 K8 (SOHO)*T* 2007 May 18.00 TT

<i>q</i>	0.0051	(2000.0)	P	Q
		<i>ω</i> 80.55	+0.18133	−0.98334
		<i>Ω</i> 1.23	−0.95889	−0.17966
<i>e</i>	1.0	<i>i</i> 143.86	+0.21830	+0.02767

From 29 observations 2007 May 17.

C/2007 K9 (SOHO)*T* 2007 May 18.02 TT

<i>q</i>	0.0048	(2000.0)	P	Q
		<i>ω</i> 76.94	+0.18690	−0.98194
		<i>Ω</i> 357.17	−0.95863	−0.17577
<i>e</i>	1.0	<i>i</i> 143.58	+0.21470	+0.06996

From 7 observations 2007 May 17.

C/2007 K10 (SOHO)*T* 2007 May 18.64 TT

<i>q</i>	0.0055	(2000.0)	P	Q
		<i>ω</i> 86.43	+0.18948	−0.97732
		<i>Ω</i> 9.17	−0.95416	−0.20600
<i>e</i>	1.0	<i>i</i> 143.61	+0.23168	−0.04908

From 29 observations 2007 May 17–18.

C/2007 K11 (SOHO)*T* 2007 May 18.68 TT

<i>q</i>	0.0051	(2000.0)	P	Q
		<i>ω</i> 84.11	+0.19524	−0.97806
		<i>Ω</i> 6.82	−0.94767	−0.20721
<i>e</i>	1.0	<i>i</i> 142.27	+0.25259	−0.02143

From 7 observations 2007 May 18.

C/2007 K12 (SOHO)*T* 2007 May 18.61 TT

<i>q</i>	0.0346	(2000.0)	P	Q
		<i>ω</i> 56.89	−0.09063	−0.38950
		<i>Ω</i> 73.94	+0.22777	−0.90406
<i>e</i>	1.0	<i>i</i> 72.52	+0.96949	+0.17599

From 15 observations 2007 May 18.

2007 OCT. 26

C/2007 K13 (SOHO)

T 2007 May 21.62 TT
q 0.0049 (2000.0)
 ω 88.29
 Ω 10.78
e 1.0 *i* 143.98
 From 16 observations 2007 May 21.

MPC
P **Q**
 +0.18044 −0.97742
 −0.95735 −0.20018
 +0.22568 −0.06771

C/2007 K14 (SOHO)

T 2007 May 21.63 TT
q 0.0051 (2000.0)
 ω 87.64
 Ω 10.93
e 1.0 *i* 143.91
 From 13 observations 2007 May 21.

MPC
P **Q**
 +0.19360 −0.97470
 −0.95430 −0.21351
 +0.22768 −0.06609

C/2007 K15 (SOHO)

T 2007 May 22.75 TT
q 0.0084 (2000.0)
 ω 89.16
 Ω 14.31
e 1.0 *i* 141.95
 From 17 observations 2007 May 22.

MPC
P **Q**
 +0.20878 −0.96603
 −0.94182 −0.24057
 +0.26340 −0.09446

C/2007 K16 (SOHO)

T 2007 May 22.75 TT
q 0.0059 (2000.0)
 ω 84.51
 Ω 6.64
e 1.0 *i* 143.81
 From 15 observations 2007 May 22.

MPC
P **Q**
 +0.18799 −0.97980
 −0.95577 −0.19850
 +0.22620 −0.02445

C/2007 K17 (SOHO)

T 2007 May 25.06 TT
q 0.0050 (2000.0)
 ω 83.57
 Ω 5.69
e 1.0 *i* 144.05
 From 11 observations 2007 May 24.

MPC
P **Q**
 +0.19124 −0.97982
 −0.95630 −0.19936
 +0.22118 −0.01475

C/2007 K18 (SOHO)

T 2007 May 26.80 TT
q 0.0052 (2000.0)
 ω 87.35
 Ω 9.71
e 1.0 *i* 143.17
 From 10 observations 2007 May 26.

MPC
P **Q**
 +0.18044 −0.97838
 −0.95411 −0.19908
 +0.23899 −0.05610

C/2007 K19 (SOHO)

T 2007 May 28.70 TT
q 0.0085 (2000.0)
 ω 80.93
 Ω 12.41
e 1.0 *i* 125.18
 From 6 observations 2007 May 28.

MPC
P **Q**
 +0.27625 −0.94491
 −0.79979 −0.32734
 +0.53295 −0.00145

M.P.C. 60923

C/2007 K20 (SOHO)

T 2007 May 31.50 TT
q 0.0049 (2000.0)
 ω 36.12
 Ω 307.96
e 1.0 *i* 141.43
 From 12 observations 2007 May 31.

MPC
P **Q**
 +0.13340 −0.86053
 −0.99064 −0.13023
 −0.02887 +0.49247

C/2007 K21 (SOHO)

T 2007 May 23.83 TT
q 0.0073 (2000.0)
 ω 87.87
 Ω 16.27
e 1.0 *i* 139.84
 From 23 observations 2007 May 23.

MPC
P **Q**
 +0.24963 −0.95134
 −0.91946 −0.29139
 +0.30377 −0.10020

C/2007 L1 (SOHO)

T 2007 June 4.88 TT
q 0.0049 (2000.0)
 ω 91.71
 Ω 15.52
e 1.0 *i* 140.33
 From 25 observations 2007 June 4.

MPC
P **Q**
 +0.17707 −0.96927
 −0.94129 −0.21746
 +0.28744 −0.11504

C/2007 L2 (SOHO)

T 2007 June 6.37 TT
q 0.0050 (2000.0)
 ω 83.39
 Ω 4.14
e 1.0 *i* 144.63
 From 66 observations 2007 June 4–6.

MPC
P **Q**
 +0.17327 −0.98399
 −0.96235 −0.17817
 +0.20942 −0.00461

C/2007 L3 (SOHO)

T 2007 June 8.23 TT
q 0.0071 (2000.0)
 ω 83.48
 Ω 4.45
e 1.0 *i* 144.60
 From 98 observations 2007 June 6–8.

MPC
P **Q**
 +0.17613 −0.98334
 −0.96162 −0.18165
 +0.21038 −0.00702

C/2007 L4 (SOHO)

T 2007 June 8.16 TT
q 0.0048 (2000.0)
 ω 89.08
 Ω 12.48
e 1.0 *i* 141.03
 From 13 observations 2007 June 7.

MPC
P **Q**
 +0.18379 −0.97352
 −0.94328 −0.21358
 +0.27647 −0.08153

C/2007 L5 (SOHO)

T 2007 June 9.86 TT
q 0.0078 (2000.0)
 ω 61.04
 Ω 340.06
e 1.0 *i* 146.66
 From 11 observations 2007 June 9.

MPC
P **Q**
 +0.20602 −0.96044
 −0.97320 −0.18111
 +0.10216 +0.21156

C/2007 L6 (SOHO)

<i>T</i>	2007 June 11.17 TT		MPC	
<i>q</i>	0.0072	(2000.0)	P	Q
	ω	88.47	+0.17380	−0.97848
	Ω	10.65	−0.95470	−0.19512
<i>e</i>	1.0	<i>i</i> 143.02	+0.24155	−0.06713
From 16 observations 2007 June 10.				

C/2007 L7 (SOHO)

<i>T</i>	2007 June 11.15 TT		MPC	
<i>q</i>	0.0057	(2000.0)	P	Q
	ω	80.55	+0.18231	−0.98316
	Ω	1.29	−0.96210	−0.18109
<i>e</i>	1.0	<i>i</i> 144.79	+0.20278	+0.02470
From 11 observations 2007 June 10.				

C/2007 L8 (SOHO)

<i>T</i>	2007 June 11.25 TT		MPC	
<i>q</i>	0.0071	(2000.0)	P	Q
	ω	87.08	+0.16995	−0.98147
	Ω	8.56	−0.95781	−0.18563
<i>e</i>	1.0	<i>i</i> 143.53	+0.23175	−0.04745
From 19 observations 2007 June 10.				

C/2007 L9 (SOHO)

<i>T</i>	2007 June 11.57 TT		MPC	
<i>q</i>	0.0072	(2000.0)	P	Q
	ω	86.73	+0.17667	−0.98022
	Ω	8.62	−0.95624	−0.19241
<i>e</i>	1.0	<i>i</i> 143.46	+0.23323	−0.04637
From 21 observations 2007 June 10–11.				

C/2007 L10 (SOHO)

<i>T</i>	2007 June 14.20 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
	ω	81.49	+0.16547	−0.98613
	Ω	1.26	−0.96073	−0.16416
<i>e</i>	1.0	<i>i</i> 143.63	+0.22276	+0.02450
From 32 observations 2007 June 13.				

C/2007 L11 (SOHO)

<i>T</i>	2007 June 15.76 TT		MPC	
<i>q</i>	0.0048	(2000.0)	P	Q
	ω	83.35	+0.18018	−0.98259
	Ω	4.55	−0.96336	−0.18556
<i>e</i>	1.0	<i>i</i> 145.30	+0.19867	−0.00864
From 44 observations 2007 June 14–15.				

C/2007 L12 (SOHO)

<i>T</i>	2007 June 15.33 TT		MPC	
<i>q</i>	0.0051	(2000.0)	P	Q
	ω	106.53	+0.07668	−0.88803
	Ω	33.95	−0.88144	−0.27290
<i>e</i>	1.0	<i>i</i> 125.73	+0.46603	−0.37003
From 5 observations 2007 June 14.				

C/2007 L13 (SOHO)

<i>T</i>	2007 June 16.31 TT		MPC	
<i>q</i>	0.0071	(2000.0)	P	Q
	ω	82.82	+0.17493	−0.98394
	Ω	3.55	−0.96283	−0.17852
<i>e</i>	1.0	<i>i</i> 144.81	+0.20580	+0.00111
From 48 observations 2007 June 15–16.				

C/2007 M4 (SOHO)

<i>T</i>	2007 June 26.37 TT		MPC	
<i>q</i>	0.0072	(2000.0)	P	Q
	ω	83.44	+0.17769	−0.98302
	Ω	4.52	−0.96130	−0.18333
<i>e</i>	1.0	<i>i</i> 144.60	+0.21055	−0.00738
From 68 observations 2007 June 24–26.				

C/2007 M5 (SOHO)

<i>T</i>	2007 June 25.53 TT		MPC	
<i>q</i>	0.0011	(2000.0)	P	Q
	ω	120.01	−0.28723	−0.95152
	Ω	14.62	−0.95785	+0.28578
<i>e</i>	1.0	<i>i</i> 154.15	−0.00378	−0.11379
From 14 observations 2007 June 25.				

C/2007 M6 (SOHO)

<i>T</i>	2007 June 25.97 TT		MPC	
<i>q</i>	0.0058	(2000.0)	P	Q
	ω	115.18	+0.03133	−0.83035
	Ω	42.43	−0.90685	−0.25767
<i>e</i>	1.0	<i>i</i> 124.45	+0.42028	−0.49409
From 15 observations 2007 June 25.				

C/2007 M7 (SOHO)

<i>T</i>	2007 June 25.82 TT		MPC	
<i>q</i>	0.0054	(2000.0)	P	Q
	ω	62.91	+0.21263	−0.96110
	Ω	342.27	−0.96667	−0.18056
<i>e</i>	1.0	<i>i</i> 144.63	+0.14265	+0.20901
From 10 observations 2007 June 25.				

C/2007 M8 (SOHO)

<i>T</i>	2007 June 25.81 TT		MPC	
<i>q</i>	0.0478	(2000.0)	P	Q
	ω	228.58	−0.30592	+0.14801
	Ω	288.26	+0.84195	−0.41909
<i>e</i>	1.0	<i>i</i> 82.04	−0.44444	−0.89580
From 10 observations 2007 June 25.				

C/2007 M9 (SOHO)

<i>T</i>	2007 June 28.00 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	ω	73.34	+0.19105	−0.97933
	Ω	353.21	−0.96715	−0.17623
<i>e</i>	1.0	<i>i</i> 145.79	+0.16772	+0.09929
From 12 observations 2007 June 27.				

2007 OCT. 26

M.P.C. 60925

C/2007 M10 (SOHO)

<i>T</i>	2007 June 30.58 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	ω	82.79	+0.17827	−0.98329	
	Ω	3.72	−0.96396	−0.18205	
<i>e</i>	1.0	<i>i</i> 145.31	+0.19749	−0.00103	
From 23 observations 2007 June 29–30.					

C/2007 N4 (SOHO)

<i>T</i>	2007 July 4.72 TT			MPC	
<i>q</i>	0.0048	(2000.0)	P	Q	
	ω	74.60	+0.18935	−0.98032	
	Ω	354.50	−0.96199	−0.17379	
<i>e</i>	1.0	<i>i</i> 144.26	+0.19677	+0.09370	
From 45 observations 2007 July 3–4.					

C/2007 N5 (SOHO)

<i>T</i>	2007 July 8.94 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P	Q	
	ω	82.35	+0.17037	−0.98499	
	Ω	2.68	−0.95949	−0.17223	
<i>e</i>	1.0	<i>i</i> 143.64	+0.22440	+0.01139	
From 38 observations 2007 July 7–8.					

C/2007 N6 (SOHO)

<i>T</i>	2007 July 12.30 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P	Q	
	ω	77.01	+0.18731	−0.98192	
	Ω	357.31	−0.96154	−0.17759	
<i>e</i>	1.0	<i>i</i> 144.43	+0.20088	+0.06554	
From 17 observations 2007 July 11–12.					

C/2007 N7 (SOHO)

<i>T</i>	2007 July 14.54 TT			MPC	
<i>q</i>	0.0048	(2000.0)	P	Q	
	ω	86.64	+0.17738	−0.98047	
	Ω	8.43	−0.96063	−0.19126	
<i>e</i>	1.0	<i>i</i> 144.60	+0.21384	−0.04587	
From 50 observations 2007 July 13–14.					

C/2007 N8 (SOHO)

<i>T</i>	2007 July 14.15 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	ω	84.64	+0.16868	−0.98402	
	Ω	5.45	−0.95709	−0.17733	
<i>e</i>	1.0	<i>i</i> 143.16	+0.23565	−0.01584	
From 22 observations 2007 July 13.					

C/2007 O3 (SOHO)

<i>T</i>	2007 July 19.14 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	ω	102.61	+0.10773	−0.95817	
	Ω	24.28	−0.95648	−0.17264	
<i>e</i>	1.0	<i>i</i> 139.85	+0.27120	−0.22826	
From 10 observations 2007 July 18.					

C/2007 O4 (SOHO)

<i>T</i>	2007 July 28.17 TT			MPC	
<i>q</i>	0.0048	(2000.0)	P	Q	
	ω	76.80	+0.18696	−0.98189	
	Ω	357.02	−0.96037	−0.17614	
<i>e</i>	1.0	<i>i</i> 144.04	+0.20673	+0.06975	
From 25 observations 2007 July 27.					

P/2007 Q2 (Gilmore)

Epoch 2007 Aug. 8.0 TT = JDT 2454320.5					
<i>T</i>	2007 Aug. 23.8774 TT			MPC	
<i>q</i>	1.839017	(2000.0)	P	Q	
<i>n</i>	0.0744996	ω 163.1483	+0.9098401	+0.4142661	
<i>a</i>	5.593714	Ω 172.2491	−0.3982673	+0.8880031	
<i>e</i>	0.671235	<i>i</i> 10.2384	−0.1165084	+0.1995847	
<i>P</i>	13.2				
From 145 observations 2007 Aug. 22–Oct. 15, mean residual 0″.5.					

C/2007 Q3 (Siding Spring)

Epoch 2009 Oct. 16.0 TT = JDT 2455120.5					
<i>T</i>	2009 Oct. 7.6843 TT			MPC	
<i>q</i>	2.252857	(2000.0)	P	Q	
<i>z</i>	+0.000168	ω 2.0969	−0.8679849	−0.1781314	
	±0.000152	Ω 149.4162	+0.4413253	−0.7046605	
<i>e</i>	0.999621	<i>i</i> 65.6514	+0.2276710	+0.6868208	
From 72 observations 2007 Aug. 25–Oct. 20, mean residual 0″.4.					

C/2007 Q4 (SOHO)

<i>T</i>	2007 Aug. 18.23 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	ω	81.40	+0.19365	−0.98056	
	Ω	3.15	−0.95895	−0.19602	
<i>e</i>	1.0	<i>i</i> 144.69	+0.20715	+0.00924	
From 34 observations 2007 Aug. 17.					

C/2007 Q5 (SOHO)

<i>T</i>	2007 Aug. 18.18 TT			MPC	
<i>q</i>	0.0059	(2000.0)	P	Q	
	ω	90.34	+0.13705	−0.98487	
	Ω	10.25	−0.96301	−0.15756	
<i>e</i>	1.0	<i>i</i> 143.42	+0.23201	−0.07218	
From 31 observations 2007 Aug. 17.					

C/2007 Q6 (SOHO)

<i>T</i>	2007 Aug. 18.21 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	ω	76.98	+0.20423	−0.97880	
	Ω	358.48	−0.95745	−0.19644	
<i>e</i>	1.0	<i>i</i> 144.34	+0.20392	+0.05795	
From 19 observations 2007 Aug. 17.					

C/2007 Q7 (SOHO)

<i>T</i>	2007 Aug. 26.13 TT		MPC	
<i>q</i>	0.0052	(2000.0)	P	Q
	ω	83.89	+0.18204	−0.98178
	Ω	5.39	−0.95991	−0.18946
<i>e</i>	1.0	<i>i</i> 144.50	+0.21317	−0.01473
From 31 observations 2007 Aug. 25.				

C/2007 Q8 (SOHO)

<i>T</i>	2007 Aug. 29.48 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
	ω	80.01	+0.18455	−0.98279
	Ω	0.80	−0.95872	−0.18186
<i>e</i>	1.0	<i>i</i> 143.93	+0.21633	+0.03248
From 11 observations 2007 Aug. 28–29.				

C/2007 Q9 (SOHO)

<i>T</i>	2007 Aug. 29.83 TT		MPC	
<i>q</i>	0.0051	(2000.0)	P	Q
	ω	78.34	+0.18906	−0.98192
	Ω	359.06	−0.96033	−0.18287
<i>e</i>	1.0	<i>i</i> 144.40	+0.20501	+0.04893
From 4 observations 2007 Aug. 28–29.				

P/2007 R1 (Larson)

<i>T</i>	2007 Aug. 23.1035 TT		MPC	
<i>q</i>	4.355628	(2000.0)	P	Q
<i>n</i>	0.0667385	ω 175.0699	+0.9983520	+0.0572477
<i>a</i>	6.019383	Ω 181.6640	−0.0562194	+0.9617484
<i>e</i>	0.276400	<i>i</i> 7.8910	−0.0115141	+0.2678856
<i>P</i>	14.8			
From 149 observations 2007 Sept. 4–Oct. 19.				

P/2007 R2 (Gibbs)

<i>T</i>	2007 Aug. 26.6859 TT		MPC	
<i>q</i>	1.465756	(2000.0)	P	Q
<i>n</i>	0.1548089	ω 353.0570	+0.9994581	−0.0326930
<i>a</i>	3.435096	Ω 8.8192	+0.0312763	+0.9068294
<i>e</i>	0.573300	<i>i</i> 1.4336	+0.0102636	+0.4202279
<i>P</i>	6.37			
From 112 observations 2007 Sept. 10–Oct. 19.				

P/2007 R3 (Gibbs)

T	2007 July 6.0410 TT		MPC	
q	2.503612	(2000.0)	P	Q
n	0.1110381	ω 312.1308	+0.9510629	+0.3071991
a	4.287013	Ω 30.0235	−0.2602374	+0.8544052
e	0.416001	i 3.8145	−0.1666007	+0.4190710
P	8.88			
From 98 observations 2007 Sept. 14–Oct. 17.				

P/2007 R4 (Garradd)

Epoch 2007 Sept. 17.0 TT = JDT 2454360.5					
T	2007 Sept. 27.2764 TT		MPC		
q	1.921406	(2000.0)	P	Q	
n	0.0696935	ω 282.8653	+0.9236114	−0.1662628	
a	5.848005	Ω 87.5033	+0.3016000	+0.8713306	
e	0.671442	i 20.2260	−0.2365998	+0.4616705	
P	14.1				
From 49 observations 2007 Aug. 12–Oct. 20, mean residual 0".6.					

C/2007 R6 (SOHO)

<i>T</i>	2007 Sept. 1.36 TT		MPC	
<i>q</i>	0.0071	(2000.0)	P	Q
	ω	81.72	−0.04580	−0.98628
	Ω	345.79	−0.95848	+0.08811
<i>e</i>	1.0	<i>i</i> 139.74	+0.28145	+0.13957
From 8 observations 2007 Sept. 1.				

C/2007 R7 (SOHO)

<i>T</i>	2007 Sept. 8.86 TT		MPC	
<i>q</i>	0.0074	(2000.0)	P	Q
	ω	49.04	+0.23175	−0.87106
	Ω	324.07	−0.95319	−0.11445
<i>e</i>	1.0	<i>i</i> 132.44	+0.19423	+0.47766
From 10 observations 2007 Sept. 8.				

C/2007 R8 (SOHO)

<i>T</i>	2007 Sept. 10.55 TT		MPC	
<i>q</i>	0.0087	(2000.0)	P	Q
	ω	76.13	+0.27769	−0.96028
	Ω	2.76	−0.93975	−0.27748
<i>e</i>	1.0	<i>i</i> 145.01	+0.19941	+0.02955
From 15 observations 2007 Sept. 9–10.				

C/2007 R9 (SOHO)

<i>T</i>	2007 Sept. 14.05 TT		MPC	
<i>q</i>	0.0051	(2000.0)	P	Q
	ω	82.87	+0.13061	−0.99142
	Ω	0.47	−0.96580	−0.12835
<i>e</i>	1.0	<i>i</i> 143.54	+0.22397	+0.02471
From 15 observations 2007 Sept. 13.				

C/2007 R10 (SOHO)

<i>T</i>	2007 Sept. 15.01 TT		MPC	
<i>q</i>	0.0370	(2000.0)	P	Q
	ω	55.74	−0.03094	−0.37162
	Ω	73.16	+0.22947	−0.90616
<i>e</i>	1.0	<i>i</i> 75.80	+0.97282	+0.20193
From 6 observations 2007 Sept. 14–15.				

P/2007 S1 (Zhao)

<i>T</i>	2007 Dec. 6.7033 TT		MPC	
<i>q</i>	2.494380	(2000.0)	P	Q
<i>n</i>	0.1331371	ω 245.3891	+0.8878987	−0.4554795
<i>a</i>	3.798423	Ω 141.6164	+0.4506868	+0.8330536
<i>e</i>	0.343312	<i>i</i> 5.9725	+0.0922890	+0.3139429
<i>P</i>	7.40			

From 68 observations 2007 Sept. 8–Oct. 16.

C/2007 S2 (Lemmon)

<i>T</i>	2008 Sept. 16.872 TT		MPC	
<i>q</i>	5.55240	(2000.0)	P	Q
<i>n</i>	0.022441	ω 210.654	−0.818062	−0.512879
<i>a</i>	12.44821	Ω 296.248	+0.568762	−0.654297
<i>e</i>	0.55396	<i>i</i> 16.868	+0.085341	−0.555743
<i>P</i>	43.9			

From 81 observations 2007 Sept. 25–Oct. 22.

C/2007 S3 (SOHO)

<i>T</i>	2007 Sept. 16.73 TT		MPC	
<i>q</i>	0.0051	(2000.0)	P	Q
		ω 82.92	+0.08188	−0.99619
		Ω 357.06	−0.97343	−0.07344
<i>e</i>	1.0	<i>i</i> 143.99	+0.21384	+0.04713

From 12 observations 2007 Sept. 16.

C/2007 S4 (SOHO)

<i>T</i>	2007 Sept. 24.31 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
		ω 57.15	+0.09797	−0.92183
		Ω 325.85	−0.97726	−0.01790
<i>e</i>	1.0	<i>i</i> 138.08	+0.18806	+0.38718

From 14 observations 2007 Sept. 23–24.

C/2007 T1 (McNaught)

<i>T</i>	2007 Dec. 12.517 TT		MPC	
<i>q</i>	0.96896	(2000.0)	P	Q
		ω 233.716	−0.132045	−0.550138
		Ω 111.427	−0.346791	+0.804921
<i>e</i>	1.0	<i>i</i> 117.651	−0.928601	−0.222374

From 191 observations 2007 Oct. 9–22.

P/2007 T2 (Kowalski)

<i>T</i>	2007 Sept. 18.952 TT		MPC	
<i>q</i>	0.69446	(2000.0)	P	Q
<i>n</i>	0.179861	ω 358.419	+0.999062	−0.041576
<i>a</i>	3.10821	Ω 4.024	+0.041375	+0.834507
<i>e</i>	0.77657	<i>i</i> 9.916	+0.012759	+0.549426
<i>P</i>	5.48			

From 46 observations 2007 Oct. 9–21.

P/2007 T4 (Gibbs)

<i>T</i>	2007 July 19.460 TT		MPC	
<i>q</i>	1.99968	(2000.0)	P	Q
<i>n</i>	0.085890	ω 42.006	+0.224526	−0.943506
<i>a</i>	5.08754	Ω 37.038	+0.751162	+0.008271
<i>e</i>	0.60695	<i>i</i> 23.864	+0.620760	+0.331252
<i>P</i>	11.5			

From 42 observations 2007 Oct. 12–23.

C/2007 T5 (Gibbs)

<i>T</i>	2008 May 11.677 TT		MPC	
<i>q</i>	4.13865	(2000.0)	P	Q
		ω 32.248	−0.641543	−0.374782
		Ω 110.036	+0.460088	−0.886156
<i>e</i>	1.0	<i>i</i> 45.432	+0.613793	+0.272519

From 27 observations 2007 Oct. 13–22.

P/2007 T6 (Catalina)

<i>T</i>	2007 Aug. 17.017 TT		MPC	
<i>q</i>	2.21673	(2000.0)	P	Q
<i>n</i>	0.111626	ω 334.877	+0.188270	−0.910580
<i>a</i>	4.27196	Ω 102.483	+0.952683	+0.078288
<i>e</i>	0.48110	<i>i</i> 22.140	+0.238639	+0.405850
<i>P</i>	8.83			

From 30 observations 2007 Oct. 13–21.

C/2007 U1 (LINEAR)

<i>T</i>	2008 Aug. 7.291 TT		MPC	
<i>q</i>	3.30999	(2000.0)	P	Q
		ω 1.431	+0.658426	+0.694286
		Ω 50.142	+0.686725	−0.712189
<i>e</i>	1.0	<i>i</i> 157.756	+0.308033	+0.103699

From 39 observations 2007 Oct. 19–22.

148P/Anderson-LINEAR

Epoch 2008 May 14.0 TT = JDT 2454600.5

<i>T</i>	2008 May 22.7616 TT		MPC	
<i>q</i>	1.702762	(2000.0)	P	Q
<i>n</i>	0.1393440	ω 6.6832	−0.1127365	−0.9915516
<i>a</i>	3.684772	Ω 89.8037	+0.9086373	−0.1290064
<i>e</i>	0.537892	<i>i</i> 3.6784	+0.4020805	+0.0135196
<i>P</i>	7.07			

From 83 observations 1963–2007, mean residual 0''.7. Nongravitational parameters

$$A_1 = +0.39, A_2 = -0.0029.$$

192P/Shoemaker-Levy

Epoch 2007 Dec. 6.0 TT = JDT 2454440.5

<i>T</i>	2007 Dec. 17.3367 TT		MPC	
<i>q</i>	1.460068	(2000.0)	P	Q
<i>n</i>	0.0601854	ω 312.8442	+0.9448975	−0.0301082
<i>a</i>	6.448746	Ω 51.6501	+0.2308900	+0.7672015
<i>e</i>	0.773589	<i>i</i> 24.5611	−0.2320746	+0.6406991
<i>P</i>	16.4			

From 43 observations 1990–2007, mean residual 0''.7.

193P/LINEAR-NEAT

Epoch 2008 Feb. 24.0 TT = JDT 2454520.5

T	2008 Feb. 20.4955 TT		MPC	
q	2.155746	(2000.0)	P	Q
n	0.1461923	ω 8.2860	+0.9579835	+0.2760871
a	3.568779	Ω 335.2570	−0.2726543	+0.7924373
e	0.395943	i 10.7041	−0.0890351	+0.5438925
P	6.74			

From 234 observations 2001–2007, mean residual 0″.7.

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*.

(164613)	1981 EQ ₃₈	1981 03 01	413	Bus, S. J.
(164614)	1981 EJ ₄₁	1981 03 02	413	Bus, S. J.
(164615)	1981 RU ₇	1981 09 03	675	Bus, S. J.
(164616)	1986 WV ₈	1986 11 30	381	Kosai, H., Hurukawa, K.
(164617)	1990 RP ₇	1990 09 13	809	Debehogne, H.
(164618)	1991 VX ₁₁	1991 11 08	691	Spacewatch
(164619)	1992 EF ₄	1992 03 01	809	UESAC
(164620)	1992 RA ₃	1992 09 02	809	Elst, E. W.
(164621)	1992 SC ₄	1992 09 24	691	Spacewatch
(164622)	1993 FN ₅	1993 03 17	809	UESAC
(164623)	1993 FR ₃₈	1993 03 19	809	UESAC
(164624)	1993 FK ₄₄	1993 03 19	809	UESAC
(164625)	1993 TC ₁₅	1993 10 09	809	Elst, E. W.
(164626)	1993 TL ₄₁	1993 10 09	809	Elst, E. W.
(164627)	1993 UT ₇	1993 10 20	809	Elst, E. W.
(164628)	1993 UX ₇	1993 10 20	809	Elst, E. W.
(164629)	1994 AB ₁₃	1994 01 11	691	Spacewatch
(164630)	1994 PO ₆	1994 08 10	809	Elst, E. W.
(164631)	1994 RF ₉	1994 09 12	691	Spacewatch
(164632)	1994 RM ₁₄	1994 09 03	809	Elst, E. W.
(164633)	1994 SW ₄	1994 09 28	691	Spacewatch
(164634)	1994 UB ₆	1994 10 28	691	Spacewatch
(164635)	1994 WW ₈	1994 11 28	691	Spacewatch
(164636)	1995 BR ₈	1995 01 29	691	Spacewatch
(164637)	1995 CC ₁₀	1995 02 04	691	Spacewatch
(164638)	1995 FW ₁₇	1995 03 29	691	Spacewatch
(164639)	1995 FZ ₁₈	1995 03 29	691	Spacewatch
(164640)	1995 GN ₄	1995 04 05	691	Spacewatch
(164641)	1995 MK ₄	1995 06 29	691	Spacewatch
(164642)	1995 SJ ₇	1995 09 17	691	Spacewatch
(164643)	1995 SU ₁₂	1995 09 18	691	Spacewatch
(164644)	1995 SH ₁₄	1995 09 18	691	Spacewatch
(164645)	1995 SS ₆₅	1995 09 26	691	Spacewatch

(164646)	1995 SU ₈₆	1995 09 26	691	Spacewatch
(164647)	1995 UX ₂₅	1995 10 20	691	Spacewatch
(164648)	1995 UG ₃₃	1995 10 21	691	Spacewatch
(164649)	1995 VA ₁₈	1995 11 15	691	Spacewatch
(164650)	1995 WT ₃₆	1995 11 21	691	Spacewatch
(164651)	1996 AM ₇	1996 01 12	691	Spacewatch
(164652)	1996 AD ₁₃	1996 01 15	691	Spacewatch
(164653)	1996 FS ₁₄	1996 03 19	691	Spacewatch
(164654)	1996 GM ₁₆	1996 04 14	691	Spacewatch
(164655)	1996 HR ₁	1996 04 22	608	AMOS
(164656)	1996 RP ₅	1996 09 15	327	BAO Schmidt CCD Asteroid Program
(164657)	1996 RU ₆	1996 09 05	691	Spacewatch
(164658)	1996 RG ₉	1996 09 07	691	Spacewatch
(164659)	1996 RT ₁₃	1996 09 08	691	Spacewatch
(164660)	1996 RE ₁₆	1996 09 13	691	Spacewatch
(164661)	1996 ST ₇	1996 09 17	327	BAO Schmidt CCD Asteroid Program
(164662)	1996 TC ₉	1996 10 13	735	Dillon, W. G., Pepper, R.
(164663)	1996 TQ ₁₃	1996 10 05	327	BAO Schmidt CCD Asteroid Program
(164664)	1996 TH ₁₇	1996 10 04	691	Spacewatch
(164665)	1996 TO ₂₀	1996 10 05	691	Spacewatch
(164666)	1996 TB ₃₀	1996 10 07	691	Spacewatch
(164667)	1996 TA ₃₆	1996 10 11	691	Spacewatch
(164668)	1996 TP ₅₆	1996 10 02	809	Elst, E. W.
(164669)	1996 VJ ₂₃	1996 11 10	691	Spacewatch
(164670)	1996 XM ₆	1996 12 03	905	Shimizu, Y., Urata, T.
(164671)	1996 XC ₁₂	1996 12 04	691	Spacewatch
(164672)	1996 XX ₂₉	1996 12 14	691	Spacewatch
(164673)	1997 BR ₄	1997 01 31	691	Spacewatch
(164674)	1997 EV ₄	1997 03 02	691	Spacewatch
(164675)	1997 EK ₅	1997 03 04	691	Spacewatch
(164676)	1997 EL ₇	1997 03 02	552	Osservatorio San Vittore
(164677)	1997 GA ₄	1997 04 08	046	Klet
(164678)	1997 GR ₄	1997 04 07	691	Spacewatch
(164679)	1997 GJ ₁₂	1997 04 03	704	LINEAR
(164680)	1997 GO ₂₀	1997 04 05	704	LINEAR
(164681)	1997 KA ₁	1997 05 27	910	ODAS
(164682)	1997 LQ ₁	1997 06 01	691	Spacewatch
(164683)	1997 LH ₃	1997 06 05	691	Spacewatch
(164684)	1997 LS ₄	1997 06 07	691	Spacewatch
(164685)	1997 LH ₁₃	1997 06 07	809	Elst, E. W.
(164686)	1997 MW ₅	1997 06 26	691	Spacewatch
(164687)	1997 ME ₆	1997 06 26	691	Spacewatch
(164688)	1997 SO ₁	1997 09 21	557	Šarounová, L.
(164689)	1997 SC ₇	1997 09 23	691	Spacewatch
(164690)	1997 SH ₈	1997 09 23	691	Spacewatch
(164691)	1997 SH ₁₄	1997 09 28	691	Spacewatch
(164692)	1997 TM ₂₁	1997 10 04	691	Spacewatch
(164693)	1997 TC ₂₄	1997 10 11	691	Spacewatch
(164694)	1997 UC ₁₆	1997 10 23	691	Spacewatch
(164695)	1997 UJ ₁₆	1997 10 23	691	Spacewatch
(164696)	1997 WB ₈	1997 11 23	369	Sato, N.
(164697)	1997 WS ₂₈	1997 11 28	691	Spacewatch

(164698) 1997 WA ₄₇	1997 11 26	704	LINEAR	(164750) 1998 TW ₂₉	1998 10 14	327	BAO Schmidt CCD Asteroid Program
(164699) 1997 XV ₆	1997 12 05	910	ODAS	(164751) 1998 UW ₃	1998 10 20	910	ODAS
(164700) 1998 AO ₄	1998 01 06	691	Spacewatch	(164752) 1998 UR ₁₇	1998 10 18	327	BAO Schmidt CCD Asteroid Program
(164701) 1998 AX ₉	1998 01 07	688	Buie, M. W.	(164753) 1998 UJ ₄₁	1998 10 28	704	LINEAR
(164702) 1998 BH ₆	1998 01 22	691	Spacewatch	(164754) 1998 VQ ₁₀	1998 11 10	704	LINEAR
(164703) 1998 BN ₂₀	1998 01 22	691	Spacewatch	(164755) 1998 VK ₂₇	1998 11 10	704	LINEAR
(164704) 1998 BF ₃₁	1998 01 26	691	Spacewatch	(164756) 1998 VR ₃₅	1998 11 09	327	BAO Schmidt CCD Asteroid Program
(164705) 1998 DE ₂	1998 02 17	691	Spacewatch	(164757) 1998 VY ₃₅	1998 11 12	327	BAO Schmidt CCD Asteroid Program
(164706) 1998 DJ ₁₉	1998 02 24	691	Spacewatch	(164758) 1998 VN ₃₇	1998 11 10	704	LINEAR
(164707) 1998 DE ₂₇	1998 02 26	691	Spacewatch	(164759) 1998 VR ₅₆	1998 11 11	699	LONEOS
(164708) 1998 FX ₇	1998 03 20	691	Spacewatch	(164760) 1998 WX ₂	1998 11 17	910	ODAS
(164709) 1998 FC ₁₀	1998 03 24	910	ODAS	(164761) 1998 WU ₆	1998 11 24	747	Cooney Jr., W. R., Motl, P. M.
(164710) 1998 FW ₂₄	1998 03 20	704	LINEAR	(164762) 1998 WX ₂₇	1998 11 18	691	Spacewatch
(164711) 1998 FD ₄₂	1998 03 20	704	LINEAR	(164763) 1998 WH ₂₉	1998 11 23	691	Spacewatch
(164712) 1998 FM ₅₈	1998 03 20	704	LINEAR	(164764) 1998 XK ₁	1998 12 07	910	ODAS
(164713) 1998 FK ₆₁	1998 03 20	704	LINEAR	(164765) 1998 XM ₁	1998 12 07	910	ODAS
(164714) 1998 FN ₉₁	1998 03 24	704	LINEAR	(164766) 1998 XQ ₁₃	1998 12 15	910	ODAS
(164715) 1998 FZ ₁₃₉	1998 03 28	704	LINEAR	(164767) 1998 YK ₄	1998 12 18	426	Zoltowski, F. B.
(164716) 1998 GH	1998 04 02	704	LINEAR	(164768) 1998 YE ₂₂	1998 12 26	691	Spacewatch
(164717) 1998 GN ₁	1998 04 06	046	Kleť	(164769) 1999 AG ₃₈	1999 01 09	327	BAO Schmidt CCD Asteroid Program
(164718) 1998 HM ₄	1998 04 21	704	LINEAR	(164770) 1999 BN ₁₈	1999 01 16	704	LINEAR
(164719) 1998 HZ ₆	1998 04 21	704	LINEAR	(164771) 1999 CB ₅	1999 02 12	385	Urata, T.
(164720) 1998 KT ₂₄	1998 05 22	704	LINEAR	(164772) 1999 CV ₃₃	1999 02 10	704	LINEAR
(164721) 1998 QO ₂₄	1998 08 17	704	LINEAR	(164773) 1999 CW ₄₈	1999 02 10	704	LINEAR
(164722) 1998 QN ₆₈	1998 08 24	704	LINEAR	(164774) 1999 CA ₉₅	1999 02 10	704	LINEAR
(164723) 1998 QW ₇₁	1998 08 24	704	LINEAR	(164775) 1999 CJ ₁₂₄	1999 02 11	704	LINEAR
(164724) 1998 QM ₇₈	1998 08 24	704	LINEAR	(164776) 1999 CJ ₁₃₃	1999 02 07	691	Spacewatch
(164725) 1998 QF ₉₈	1998 08 28	704	LINEAR	(164777) 1999 CD ₁₄₂	1999 02 10	691	Spacewatch
(164726) 1998 QE ₁₀₇	1998 08 19	327	BAO Schmidt CCD Asteroid Program	(164778) 1999 CD ₁₄₉	1999 02 13	691	Spacewatch
(164727) 1998 RH ₅	1998 09 15	910	ODAS	(164779) 1999 CN ₁₅₇	1999 02 08	691	Spacewatch
(164728) 1998 RH ₁₂	1998 09 14	691	Spacewatch	(164780) 1999 CH ₁₅₉	1999 02 08	691	Spacewatch
(164729) 1998 RT ₄₉	1998 09 14	704	LINEAR	(164781) 1999 DA ₄	1999 02 20	683	Tucker, R. A.
(164730) 1998 RA ₅₅	1998 09 14	704	LINEAR	(164782) 1999 DK ₄	1999 02 16	557	Ondřejov
(164731) 1998 RK ₆₄	1998 09 14	704	LINEAR	(164783) 1999 EZ ₁	1999 03 09	691	Spacewatch
(164732) 1998 RE ₆₉	1998 09 14	704	LINEAR	(164784) 1999 EJ ₁₁	1999 03 15	691	Spacewatch
(164733) 1998 RE ₇₀	1998 09 14	704	LINEAR	(164785) 1999 ES ₁₄	1999 03 14	691	Spacewatch
(164734) 1998 SE ₂₁	1998 09 21	691	Spacewatch	(164786) 1999 FZ ₁	1999 03 16	691	Spacewatch
(164735) 1998 SY ₂₄	1998 09 18	699	LONEOS	(164787) 1999 FE ₁₁	1999 03 17	691	Spacewatch
(164736) 1998 SJ ₄₀	1998 09 24	691	Spacewatch	(164788) 1999 FN ₁₂	1999 03 18	691	Spacewatch
(164737) 1998 ST ₄₇	1998 09 26	691	Spacewatch	(164789) 1999 FV ₁₈	1999 03 22	699	LONEOS
(164738) 1998 SP ₈₄	1998 09 26	704	LINEAR	(164790) 1999 FY ₃₅	1999 03 20	704	LINEAR
(164739) 1998 SF ₁₀₃	1998 09 26	704	LINEAR	(164791) 1999 FJ ₇₀	1999 03 20	645	Sloan Digital Sky Survey
(164740) 1998 SJ ₁₀₆	1998 09 26	704	LINEAR	(164792) 1999 FD ₇₈	1999 03 20	645	Sloan Digital Sky Survey
(164741) 1998 SH ₁₁₃	1998 09 26	704	LINEAR	(164793) 1999 GO ₇	1999 04 07	699	LONEOS
(164742) 1998 SS ₁₃₈	1998 09 26	704	LINEAR	(164794) 1999 GO ₁₀	1999 04 11	691	Spacewatch
(164743) 1998 SD ₁₅₆	1998 09 26	704	LINEAR	(164795) 1999 GW ₁₀	1999 04 11	691	Spacewatch
(164744) 1998 SN ₁₆₂	1998 09 26	704	LINEAR	(164796) 1999 GX ₁₃	1999 04 14	691	Spacewatch
(164745) 1998 TU ₈	1998 10 12	691	Spacewatch	(164797) 1999 GJ ₂₄	1999 04 06	704	LINEAR
(164746) 1998 TF ₁₁	1998 10 13	691	Spacewatch	(164798) 1999 JC ₁	1999 05 07	703	CSS
(164747) 1998 TP ₂₀	1998 10 13	691	Spacewatch	(164799) 1999 JV ₂₆	1999 05 10	704	LINEAR
(164748) 1998 TC ₂₂	1998 10 13	691	Spacewatch	(164800) 1999 JE ₃₂	1999 05 10	704	LINEAR
(164749) 1998 TP ₂₂	1998 10 13	691	Spacewatch	(164801) 1999 JH ₄₂	1999 05 10	704	LINEAR

(164802)	1999 JU ₄₈	1999 05 10	704	LINEAR	(164854)	1999 TK ₂₀₄	1999 10 13	704	LINEAR
(164803)	1999 JH ₆₅	1999 05 12	704	LINEAR	(164855)	1999 TO ₂₀₄	1999 10 13	704	LINEAR
(164804)	1999 JL ₇₅	1999 05 09	621	Bickel, W.	(164856)	1999 TJ ₂₁₀	1999 10 14	704	LINEAR
(164805)	1999 JT ₁₀₉	1999 05 13	704	LINEAR	(164857)	1999 TC ₂₁₅	1999 10 15	704	LINEAR
(164806)	1999 JA ₁₁₀	1999 05 13	704	LINEAR	(164858)	1999 TX ₂₁₅	1999 10 15	704	LINEAR
(164807)	1999 JA ₁₁₄	1999 05 13	704	LINEAR	(164859)	1999 TA ₂₁₈	1999 10 15	704	LINEAR
(164808)	1999 JC ₁₁₆	1999 05 13	704	LINEAR	(164860)	1999 TA ₂₄₁	1999 10 04	703	CSS
(164809)	1999 JH ₁₂₁	1999 05 13	704	LINEAR	(164861)	1999 TL ₂₆₀	1999 10 10	704	LINEAR
(164810)	1999 JN ₁₂₄	1999 05 10	704	LINEAR	(164862)	1999 TD ₂₆₂	1999 10 13	704	LINEAR
(164811)	1999 JR ₁₃₅	1999 05 07	699	LONEOS	(164863)	1999 TN ₂₆₉	1999 10 03	704	LINEAR
(164812)	1999 KT ₁₇	1999 05 17	703	CSS	(164864)	1999 TH ₂₇₂	1999 10 03	704	LINEAR
(164813)	1999 LC ₈	1999 06 08	704	LINEAR	(164865)	1999 TA ₂₇₃	1999 10 03	704	LINEAR
(164814)	1999 LR ₃₂	1999 06 08	691	Spacewatch	(164866)	1999 TK ₂₇₈	1999 10 06	704	LINEAR
(164815)	1999 ND ₆₂	1999 07 13	704	LINEAR	(164867)	1999 TH ₂₈₇	1999 10 10	704	LINEAR
(164816)	1999 PR ₅	1999 08 12	691	Spacewatch	(164868)	1999 TU ₃₀₉	1999 10 03	691	Spacewatch
(164817)	1999 QW	1999 08 17	691	Spacewatch	(164869)	1999 UJ ₁₁	1999 10 31	621	Bickel, W.
(164818)	1999 RR ₄₁	1999 09 14	046	Klet	(164870)	1999 UD ₁₄	1999 10 29	703	CSS
(164819)	1999 RL ₈₆	1999 09 07	704	LINEAR	(164871)	1999 UE ₂₀	1999 10 31	691	Spacewatch
(164820)	1999 RR ₈₉	1999 09 07	704	LINEAR	(164872)	1999 UJ ₃₁	1999 10 31	691	Spacewatch
(164821)	1999 RY ₁₁₂	1999 09 09	704	LINEAR	(164873)	1999 UO ₃₆	1999 10 16	691	Spacewatch
(164822)	1999 RV ₁₅₇	1999 09 09	704	LINEAR	(164874)	1999 UL ₃₇	1999 10 16	691	Spacewatch
(164823)	1999 RD ₁₇₁	1999 09 09	704	LINEAR	(164875)	1999 UA ₃₈	1999 10 16	691	Spacewatch
(164824)	1999 RS ₁₇₆	1999 09 09	704	LINEAR	(164876)	1999 UB ₄₉	1999 10 31	703	CSS
(164825)	1999 RT ₂₀₃	1999 09 08	704	LINEAR	(164877)	1999 UQ ₄₉	1999 10 30	703	CSS
(164826)	1999 RN ₂₀₈	1999 09 08	704	LINEAR	(164878)	1999 VA ₁₄	1999 11 02	704	LINEAR
(164827)	1999 RN ₂₃₆	1999 09 08	703	CSS	(164879)	1999 VK ₁₈	1999 11 02	691	Spacewatch
(164828)	1999 TL ₄₀	1999 10 05	703	CSS	(164880)	1999 VN ₂₆	1999 11 03	704	LINEAR
(164829)	1999 TE ₄₅	1999 10 03	691	Spacewatch	(164881)	1999 VT ₃₀	1999 11 03	704	LINEAR
(164830)	1999 TA ₄₉	1999 10 04	691	Spacewatch	(164882)	1999 VB ₄₂	1999 11 04	691	Spacewatch
(164831)	1999 TL ₅₂	1999 10 05	691	Spacewatch	(164883)	1999 VQ ₆₅	1999 11 04	704	LINEAR
(164832)	1999 TL ₅₅	1999 10 06	691	Spacewatch	(164884)	1999 VW ₇₆	1999 11 05	691	Spacewatch
(164833)	1999 TR ₆₂	1999 10 07	691	Spacewatch	(164885)	1999 VU ₇₉	1999 11 04	704	LINEAR
(164834)	1999 TL ₆₄	1999 10 08	691	Spacewatch	(164886)	1999 VX ₈₁	1999 11 05	704	LINEAR
(164835)	1999 TS ₆₇	1999 10 08	691	Spacewatch	(164887)	1999 VT ₈₄	1999 11 06	691	Spacewatch
(164836)	1999 TW ₇₅	1999 10 10	691	Spacewatch	(164888)	1999 VK ₈₆	1999 11 05	704	LINEAR
(164837)	1999 TY ₈₁	1999 10 12	691	Spacewatch	(164889)	1999 VN ₉₃	1999 11 09	704	LINEAR
(164838)	1999 TH ₈₃	1999 10 12	691	Spacewatch	(164890)	1999 VL ₁₀₁	1999 11 09	704	LINEAR
(164839)	1999 TX ₈₆	1999 10 15	691	Spacewatch	(164891)	1999 VD ₁₀₄	1999 11 09	704	LINEAR
(164840)	1999 TK ₈₈	1999 10 15	704	LINEAR	(164892)	1999 VD ₁₀₆	1999 11 09	704	LINEAR
(164841)	1999 TV ₁₁₂	1999 10 04	704	LINEAR	(164893)	1999 VV ₁₀₆	1999 11 09	704	LINEAR
(164842)	1999 TV ₁₃₃	1999 10 06	704	LINEAR	(164894)	1999 VR ₁₀₇	1999 11 09	704	LINEAR
(164843)	1999 TH ₁₃₈	1999 10 06	704	LINEAR	(164895)	1999 VZ ₁₁₀	1999 11 09	704	LINEAR
(164844)	1999 TV ₁₄₃	1999 10 07	704	LINEAR	(164896)	1999 VE ₁₁₆	1999 11 04	691	Spacewatch
(164845)	1999 TT ₁₄₉	1999 10 07	704	LINEAR	(164897)	1999 VV ₁₃₄	1999 11 10	691	Spacewatch
(164846)	1999 TT ₁₅₂	1999 10 07	704	LINEAR	(164898)	1999 VM ₁₅₉	1999 11 14	704	LINEAR
(164847)	1999 TC ₁₅₃	1999 10 07	704	LINEAR	(164899)	1999 VR ₁₆₂	1999 11 14	704	LINEAR
(164848)	1999 TM ₁₅₆	1999 10 07	704	LINEAR	(164900)	1999 VE ₁₈₁	1999 11 09	704	LINEAR
(164849)	1999 TW ₁₆₃	1999 10 09	704	LINEAR	(164901)	1999 VK ₁₈₁	1999 11 09	704	LINEAR
(164850)	1999 TF ₁₇₁	1999 10 10	704	LINEAR	(164902)	1999 VT ₁₉₀	1999 11 15	704	LINEAR
(164851)	1999 TK ₁₇₁	1999 10 10	704	LINEAR	(164903)	1999 VP ₂₂₅	1999 11 05	704	LINEAR
(164852)	1999 TT ₁₇₄	1999 10 10	704	LINEAR	(164904)	1999 WP ₂	1999 11 26	120	Korlević, K.
(164853)	1999 TQ ₁₉₈	1999 10 12	704	LINEAR	(164905)	1999 WU ₉	1999 11 30	411	Kobayashi, T.

(164906)	1999 WY ₁₅	1999 11 29	691	Spacewatch
(164907)	1999 WL ₁₇	1999 11 30	691	Spacewatch
(164908)	1999 XC ₃	1999 12 04	703	CSS
(164909)	1999 XO ₄	1999 12 04	703	CSS
(164910)	1999 XL ₁₀	1999 12 05	703	CSS
(164911)	1999 XB ₁₃	1999 12 05	704	LINEAR
(164912)	1999 XP ₁₅	1999 12 05	120	Korlević, K.
(164913)	1999 XK ₃₂	1999 12 06	704	LINEAR
(164914)	1999 XV ₃₇	1999 12 07	402	Sugie, A.
(164915)	1999 XC ₃₈	1999 12 06	143	Sposetti, S.
(164916)	1999 XV ₃₈	1999 12 05	704	LINEAR
(164917)	1999 XF ₄₁	1999 12 07	704	LINEAR
(164918)	1999 XR ₄₁	1999 12 07	704	LINEAR
(164919)	1999 XD ₄₄	1999 12 07	704	LINEAR
(164920)	1999 XL ₄₆	1999 12 07	704	LINEAR
(164921)	1999 XW ₅₇	1999 12 07	704	LINEAR
(164922)	1999 XZ ₇₂	1999 12 07	704	LINEAR
(164923)	1999 XC ₇₇	1999 12 07	704	LINEAR
(164924)	1999 XS ₇₇	1999 12 07	704	LINEAR
(164925)	1999 XN ₇₉	1999 12 07	704	LINEAR
(164926)	1999 XL ₈₇	1999 12 07	704	LINEAR
(164927)	1999 XO ₉₂	1999 12 07	704	LINEAR
(164928)	1999 XQ ₉₉	1999 12 07	704	LINEAR
(164929)	1999 XK ₁₀₂	1999 12 07	704	LINEAR
(164930)	1999 XZ ₁₁₁	1999 12 07	704	LINEAR
(164931)	1999 XO ₁₁₃	1999 12 11	704	LINEAR
(164932)	1999 XW ₁₁₅	1999 12 05	703	CSS
(164933)	1999 XJ ₁₂₄	1999 12 07	703	CSS
(164934)	1999 XV ₁₂₅	1999 12 07	703	CSS
(164935)	1999 XR ₁₂₆	1999 12 07	703	CSS
(164936)	1999 XX ₁₂₈	1999 12 12	704	LINEAR
(164937)	1999 XW ₁₄₅	1999 12 07	691	Spacewatch
(164938)	1999 XU ₁₅₁	1999 12 07	691	Spacewatch
(164939)	1999 XT ₁₅₅	1999 12 08	704	LINEAR
(164940)	1999 XZ ₁₅₅	1999 12 08	704	LINEAR
(164941)	1999 XQ ₁₆₈	1999 12 10	704	LINEAR
(164942)	1999 XE ₁₇₀	1999 12 10	704	LINEAR
(164943)	1999 XS ₁₇₆	1999 12 10	704	LINEAR
(164944)	1999 XU ₁₇₇	1999 12 10	704	LINEAR
(164945)	1999 XD ₁₈₃	1999 12 12	704	LINEAR
(164946)	1999 XF ₁₉₂	1999 12 12	704	LINEAR
(164947)	1999 XN ₂₀₁	1999 12 12	704	LINEAR
(164948)	1999 XQ ₂₂₉	1999 12 07	703	CSS
(164949)	1999 XF ₂₃₁	1999 12 07	703	CSS
(164950)	1999 XC ₂₃₄	1999 12 04	699	LONEOS
(164951)	1999 XM ₂₄₂	1999 12 13	704	LINEAR
(164952)	1999 XM ₂₄₃	1999 12 03	699	LONEOS
(164953)	1999 XP ₂₅₂	1999 12 12	691	Spacewatch
(164954)	1999 YW ₃	1999 12 19	704	LINEAR
(164955)	1999 YA ₁₁	1999 12 27	691	Spacewatch
(164956)	1999 YZ ₁₃	1999 12 27	691	Spacewatch
(164957)	1999 YW ₂₂	1999 12 31	699	LONEOS

(164958)	2000 AM ₃	2000 01 02	704	LINEAR
(164959)	2000 AS ₈	2000 01 02	704	LINEAR
(164960)	2000 AW ₁₃	2000 01 03	704	LINEAR
(164961)	2000 AH ₁₆	2000 01 03	704	LINEAR
(164962)	2000 AO ₂₇	2000 01 03	704	LINEAR
(164963)	2000 AW ₂₉	2000 01 03	704	LINEAR
(164964)	2000 AT ₃₀	2000 01 03	704	LINEAR
(164965)	2000 AZ ₃₉	2000 01 03	704	LINEAR
(164966)	2000 AM ₄₄	2000 01 05	691	Spacewatch
(164967)	2000 AO ₅₁	2000 01 04	704	LINEAR
(164968)	2000 AS ₅₂	2000 01 04	704	LINEAR
(164969)	2000 AK ₅₃	2000 01 04	704	LINEAR
(164970)	2000 AV ₅₃	2000 01 04	704	LINEAR
(164971)	2000 AV ₆₁	2000 01 04	704	LINEAR
(164972)	2000 AM ₆₂	2000 01 04	704	LINEAR
(164973)	2000 AU ₆₈	2000 01 05	704	LINEAR
(164974)	2000 AO ₇₈	2000 01 05	704	LINEAR
(164975)	2000 AO ₁₁₇	2000 01 05	704	LINEAR
(164976)	2000 AJ ₁₁₈	2000 01 05	704	LINEAR
(164977)	2000 AA ₁₂₃	2000 01 05	704	LINEAR
(164978)	2000 AH ₁₄₃	2000 01 05	704	LINEAR
(164979)	2000 AK ₁₅₂	2000 01 08	704	LINEAR
(164980)	2000 AW ₁₅₂	2000 01 08	704	LINEAR
(164981)	2000 AT ₁₆₇	2000 01 08	704	LINEAR
(164982)	2000 AL ₁₇₁	2000 01 07	704	LINEAR
(164983)	2000 AE ₁₇₈	2000 01 07	704	LINEAR
(164984)	2000 AF ₁₉₃	2000 01 08	704	LINEAR
(164985)	2000 AN ₂₀₇	2000 01 03	691	Spacewatch
(164986)	2000 AE ₂₁₉	2000 01 08	691	Spacewatch
(164987)	2000 AE ₂₃₄	2000 01 05	704	LINEAR
(164988)	2000 AK ₂₃₉	2000 01 06	704	LINEAR
(164989)	2000 AE ₂₄₇	2000 01 02	704	LINEAR
(164990)	2000 BB ₂	2000 01 27	691	Spacewatch
(164991)	2000 BQ ₈	2000 01 29	704	LINEAR
(164992)	2000 BX ₈	2000 01 29	704	LINEAR
(164993)	2000 BW ₉	2000 01 26	691	Spacewatch
(164994)	2000 BK ₁₃	2000 01 29	691	Spacewatch
(164995)	2000 BR ₁₆	2000 01 30	704	LINEAR
(164996)	2000 BS ₁₇	2000 01 30	704	LINEAR
(164997)	2000 BW ₂₄	2000 01 29	704	LINEAR
(164998)	2000 BO ₂₅	2000 01 30	704	LINEAR
(164999)	2000 BS ₂₅	2000 01 30	704	LINEAR
(165000)	2000 BS ₃₁	2000 01 27	691	Spacewatch
(165001)	2000 BA ₃₈	2000 01 28	691	Spacewatch
(165002)	2000 BM ₄₉	2000 01 26	691	Spacewatch
(165003)	2000 BT ₄₉	2000 01 21	704	LINEAR
(165004)	2000 CH ₁₅	2000 02 02	704	LINEAR
(165005)	2000 CD ₂₂	2000 02 02	704	LINEAR
(165006)	2000 CC ₃₉	2000 02 03	704	LINEAR
(165007)	2000 CW ₄₄	2000 02 02	704	LINEAR
(165008)	2000 CJ ₄₅	2000 02 02	704	LINEAR
(165009)	2000 CC ₄₆	2000 02 02	704	LINEAR

(165010)	2000 CG ₇₉	2000 02 08	691	Spacewatch	(165062)	2000 EO ₁₁₉	2000 03 11	699	LONEOS
(165011)	2000 CA ₈₂	2000 02 04	704	LINEAR	(165063)	2000 EM ₁₄₆	2000 03 04	704	LINEAR
(165012)	2000 CJ ₈₄	2000 02 04	704	LINEAR	(165064)	2000 ED ₁₆₆	2000 03 03	704	LINEAR
(165013)	2000 CO ₉₀	2000 02 06	704	LINEAR	(165065)	2000 ES ₁₆₉	2000 03 04	704	LINEAR
(165014)	2000 CZ ₉₇	2000 02 07	691	Spacewatch	(165066)	2000 ES ₁₉₉	2000 03 01	703	CSS
(165015)	2000 CS ₉₈	2000 02 08	691	Spacewatch	(165067)	2000 ED ₂₀₇	2000 03 04	645	Sloan Digital Sky Survey
(165016)	2000 CV ₉₈	2000 02 08	691	Spacewatch	(165068)	2000 FV	2000 03 26	684	Comba, P. G.
(165017)	2000 CM ₁₀₈	2000 02 05	703	CSS	(165069)	2000 FH ₇	2000 03 29	691	Spacewatch
(165018)	2000 CP ₁₁₃	2000 02 11	691	Spacewatch	(165070)	2000 FX ₈	2000 03 29	691	Spacewatch
(165019)	2000 CG ₁₁₅	2000 02 02	703	CSS	(165071)	2000 FT ₂₄	2000 03 29	704	LINEAR
(165020)	2000 CB ₁₂₆	2000 02 03	704	LINEAR	(165072)	2000 FB ₂₇	2000 03 27	699	LONEOS
(165021)	2000 CJ ₁₂₉	2000 02 03	691	Spacewatch	(165073)	2000 FE ₂₈	2000 03 27	699	LONEOS
(165022)	2000 CN ₁₃₀	2000 02 03	691	Spacewatch	(165074)	2000 FB ₄₀	2000 03 29	704	LINEAR
(165023)	2000 CD ₁₃₂	2000 02 03	691	Spacewatch	(165075)	2000 FW ₅₈	2000 03 26	699	LONEOS
(165024)	2000 CG ₁₃₂	2000 02 03	691	Spacewatch	(165076)	2000 FX ₆₃	2000 03 29	704	LINEAR
(165025)	2000 DT ₇	2000 02 28	691	Spacewatch	(165077)	2000 FB ₇₂	2000 03 25	691	Spacewatch
(165026)	2000 DJ ₉	2000 02 26	691	Spacewatch	(165078)	2000 GN ₁₁	2000 04 05	704	LINEAR
(165027)	2000 DU ₁₂	2000 02 27	691	Spacewatch	(165079)	2000 GG ₁₇	2000 04 05	704	LINEAR
(165028)	2000 DA ₁₉	2000 02 29	704	LINEAR	(165080)	2000 GU ₂₁	2000 04 05	704	LINEAR
(165029)	2000 DC ₂₁	2000 02 29	704	LINEAR	(165081)	2000 GG ₂₃	2000 04 05	704	LINEAR
(165030)	2000 DT ₂₄	2000 02 29	704	LINEAR	(165082)	2000 GJ ₃₄	2000 04 05	704	LINEAR
(165031)	2000 DB ₂₇	2000 02 29	704	LINEAR	(165083)	2000 GK ₃₇	2000 04 05	704	LINEAR
(165032)	2000 DL ₅₄	2000 02 29	704	LINEAR	(165084)	2000 GG ₃₈	2000 04 05	704	LINEAR
(165033)	2000 DL ₅₈	2000 02 29	704	LINEAR	(165085)	2000 GZ ₃₈	2000 04 05	704	LINEAR
(165034)	2000 DX ₆₀	2000 02 29	704	LINEAR	(165086)	2000 GN ₄₄	2000 04 05	704	LINEAR
(165035)	2000 DH ₆₃	2000 02 29	704	LINEAR	(165087)	2000 GF ₄₅	2000 04 05	704	LINEAR
(165036)	2000 DB ₇₆	2000 02 29	704	LINEAR	(165088)	2000 GU ₄₆	2000 04 05	704	LINEAR
(165037)	2000 DV ₈₈	2000 02 25	691	Spacewatch	(165089)	2000 GT ₆₂	2000 04 05	704	LINEAR
(165038)	2000 DM ₈₉	2000 02 26	691	Spacewatch	(165090)	2000 GP ₇₂	2000 04 05	704	LINEAR
(165039)	2000 DP ₉₅	2000 02 28	704	LINEAR	(165091)	2000 GK ₇₉	2000 04 05	704	LINEAR
(165040)	2000 DR ₉₇	2000 02 29	704	LINEAR	(165092)	2000 GM ₈₁	2000 04 06	704	LINEAR
(165041)	2000 DG ₁₀₀	2000 02 29	704	LINEAR	(165093)	2000 GG ₈₉	2000 04 04	704	LINEAR
(165042)	2000 DE ₁₁₀	2000 02 29	704	LINEAR	(165094)	2000 GV ₈₉	2000 04 04	704	LINEAR
(165043)	2000 DM ₁₁₃	2000 02 27	691	Spacewatch	(165095)	2000 GR ₁₁₁	2000 04 03	699	LONEOS
(165044)	2000 EO ₈	2000 03 03	704	LINEAR	(165096)	2000 GX ₁₂₈	2000 04 05	691	Spacewatch
(165045)	2000 ES ₁₆	2000 03 03	704	LINEAR	(165097)	2000 GB ₁₂₉	2000 04 05	691	Spacewatch
(165046)	2000 EG ₁₈	2000 03 04	704	LINEAR	(165098)	2000 GG ₁₃₃	2000 04 12	608	NEAT
(165047)	2000 EY ₃₂	2000 03 05	704	LINEAR	(165099)	2000 GJ ₁₅₄	2000 04 06	699	LONEOS
(165048)	2000 EE ₃₅	2000 03 08	704	LINEAR	(165100)	2000 HV	2000 04 24	691	Spacewatch
(165049)	2000 EO ₄₂	2000 03 08	704	LINEAR	(165101)	2000 HY ₃	2000 04 26	691	Spacewatch
(165050)	2000 EF ₄₈	2000 03 09	704	LINEAR	(165102)	2000 HN ₁₇	2000 04 24	691	Spacewatch
(165051)	2000 EL ₅₁	2000 03 03	691	Spacewatch	(165103)	2000 HJ ₂₆	2000 04 24	699	LONEOS
(165052)	2000 EE ₅₉	2000 03 09	704	LINEAR	(165104)	2000 HR ₃₃	2000 04 24	699	LONEOS
(165053)	2000 EM ₆₁	2000 03 10	704	LINEAR	(165105)	2000 HG ₄₅	2000 04 26	699	LONEOS
(165054)	2000 EP ₆₈	2000 03 10	704	LINEAR	(165106)	2000 HS ₅₉	2000 04 25	699	LONEOS
(165055)	2000 EP ₇₆	2000 03 05	704	LINEAR	(165107)	2000 HE ₆₃	2000 04 26	699	LONEOS
(165056)	2000 ED ₇₉	2000 03 05	704	LINEAR	(165108)	2000 HN ₆₇	2000 04 27	691	Spacewatch
(165057)	2000 EF ₉₆	2000 03 11	704	LINEAR	(165109)	2000 HS ₇₁	2000 04 25	699	LONEOS
(165058)	2000 EW ₁₀₀	2000 03 12	691	Spacewatch	(165110)	2000 HR ₈₄	2000 04 30	699	LONEOS
(165059)	2000 ET ₁₀₂	2000 03 14	691	Spacewatch	(165111)	2000 HC ₁₀₃	2000 04 27	699	LONEOS
(165060)	2000 EW ₁₁₄	2000 03 10	691	Spacewatch	(165112)	2000 HE ₁₀₃	2000 04 27	699	LONEOS
(165061)	2000 EF ₁₁₅	2000 03 10	691	Spacewatch	(165113)	2000 JB ₁₉	2000 05 03	704	LINEAR

(165114)	2000 JK ₂₇	2000 05 07	704	LINEAR
(165115)	2000 JY ₂₈	2000 05 07	704	LINEAR
(165116)	2000 JX ₄₁	2000 05 07	704	LINEAR
(165117)	2000 JB ₆₁	2000 05 07	704	LINEAR
(165118)	2000 JB ₆₈	2000 05 07	691	Spacewatch
(165119)	2000 JC ₆₈	2000 05 07	691	Spacewatch
(165120)	2000 JZ ₇₁	2000 05 01	699	LONEOS
(165121)	2000 JY ₇₆	2000 05 07	704	LINEAR
(165122)	2000 JJ ₈₄	2000 05 05	704	LINEAR
(165123)	2000 KP ₆	2000 05 27	704	LINEAR
(165124)	2000 KW ₈	2000 05 28	704	LINEAR
(165125)	2000 KC ₁₁	2000 05 28	704	LINEAR
(165126)	2000 KJ ₃₂	2000 05 28	704	LINEAR
(165127)	2000 KX ₄₀	2000 05 30	691	Spacewatch
(165128)	2000 KU ₄₃	2000 05 31	691	Spacewatch
(165129)	2000 KU ₄₄	2000 05 28	691	Spacewatch
(165130)	2000 KP ₅₄	2000 05 27	699	LONEOS
(165131)	2000 KQ ₅₇	2000 05 24	699	LONEOS
(165132)	2000 KV ₅₈	2000 05 24	699	LONEOS
(165133)	2000 KP ₆₁	2000 05 25	699	LONEOS
(165134)	2000 KT ₆₅	2000 05 27	699	LONEOS
(165135)	2000 KU ₇₀	2000 05 28	704	LINEAR
(165136)	2000 KN ₇₄	2000 05 27	704	LINEAR
(165137)	2000 KM ₇₉	2000 05 27	704	LINEAR
(165138)	2000 NL ₅	2000 07 07	704	LINEAR
(165139)	2000 NJ ₁₀	2000 07 06	699	LONEOS
(165140)	2000 OJ ₁	2000 07 24	691	Spacewatch
(165141)	2000 OH ₁₄	2000 07 23	704	LINEAR
(165142)	2000 OM ₄₀	2000 07 30	704	LINEAR
(165143)	2000 PQ ₂	2000 08 02	704	LINEAR
(165144)	2000 QO ₇	2000 08 25	704	LINEAR
(165145)	2000 QV ₁₀	2000 08 24	704	LINEAR
(165146)	2000 QN ₁₃	2000 08 24	704	LINEAR
(165147)	2000 QD ₁₈	2000 08 24	704	LINEAR
(165148)	2000 QR ₁₈	2000 08 24	704	LINEAR
(165149)	2000 QC ₂₂	2000 08 24	704	LINEAR
(165150)	2000 QU ₂₈	2000 08 24	704	LINEAR
(165151)	2000 QT ₃₃	2000 08 26	684	Comba, P. G.
(165152)	2000 QS ₃₈	2000 08 24	704	LINEAR
(165153)	2000 QR ₃₉	2000 08 24	704	LINEAR
(165154)	2000 QE ₄₀	2000 08 24	704	LINEAR
(165155)	2000 QG ₄₀	2000 08 24	704	LINEAR
(165156)	2000 QJ ₅₀	2000 08 24	704	LINEAR
(165157)	2000 QO ₅₀	2000 08 24	704	LINEAR
(165158)	2000 QE ₅₁	2000 08 24	704	LINEAR
(165159)	2000 QP ₅₅	2000 08 25	704	LINEAR
(165160)	2000 QX ₆₂	2000 08 28	704	LINEAR
(165161)	2000 QP ₆₉	2000 08 30	691	Spacewatch
(165162)	2000 QS ₆₉	2000 08 30	691	Spacewatch
(165163)	2000 QP ₈₇	2000 08 25	704	LINEAR
(165164)	2000 QT ₈₈	2000 08 25	704	LINEAR
(165165)	2000 QS ₉₈	2000 08 28	704	LINEAR

(165166)	2000 QV ₁₀₂	2000 08 28	704	LINEAR
(165167)	2000 QY ₁₀₉	2000 08 28	867	Saji
(165168)	2000 QF ₁₁₀	2000 08 24	704	LINEAR
(165169)	2000 QN ₁₁₀	2000 08 24	704	LINEAR
(165170)	2000 QL ₁₁₃	2000 08 24	704	LINEAR
(165171)	2000 QD ₁₁₉	2000 08 25	704	LINEAR
(165172)	2000 QU ₁₂₄	2000 08 29	704	LINEAR
(165173)	2000 QJ ₁₄₀	2000 08 31	704	LINEAR
(165174)	2000 QF ₁₅₂	2000 08 28	704	LINEAR
(165175)	2000 QN ₁₅₃	2000 08 29	704	LINEAR
(165176)	2000 QU ₁₅₄	2000 08 31	704	LINEAR
(165177)	2000 QT ₁₅₉	2000 08 31	704	LINEAR
(165178)	2000 QO ₁₆₄	2000 08 31	704	LINEAR
(165179)	2000 QK ₁₆₆	2000 08 31	704	LINEAR
(165180)	2000 QB ₁₇₀	2000 08 31	704	LINEAR
(165181)	2000 QV ₁₇₀	2000 08 31	704	LINEAR
(165182)	2000 QV ₁₇₂	2000 08 31	704	LINEAR
(165183)	2000 QN ₁₈₆	2000 08 26	704	LINEAR
(165184)	2000 QH ₂₀₈	2000 08 31	704	LINEAR
(165185)	2000 QB ₂₁₀	2000 08 31	704	LINEAR
(165186)	2000 QQ ₂₁₅	2000 08 31	704	LINEAR
(165187)	2000 QY ₂₁₅	2000 08 31	704	LINEAR
(165188)	2000 QD ₂₁₈	2000 08 31	704	LINEAR
(165189)	2000 QG ₂₂₀	2000 08 21	699	LONEOS
(165190)	2000 QC ₂₂₁	2000 08 21	699	LONEOS
(165191)	2000 QX ₂₃₁	2000 08 29	704	LINEAR
(165192)	2000 QD ₂₃₅	2000 08 26	807	Buie, M. W.
(165193)	2000 QT ₂₄₃	2000 08 21	699	LONEOS
(165194)	2000 RD ₅	2000 09 01	704	LINEAR
(165195)	2000 RH ₁₆	2000 09 01	704	LINEAR
(165196)	2000 RD ₁₉	2000 09 01	704	LINEAR
(165197)	2000 RU ₂₁	2000 09 01	704	LINEAR
(165198)	2000 RK ₂₄	2000 09 01	704	LINEAR
(165199)	2000 RL ₄₁	2000 09 03	704	LINEAR
(165200)	2000 RK ₄₉	2000 09 05	704	LINEAR
(165201)	2000 RW ₅₇	2000 09 07	691	Spacewatch
(165202)	2000 RV ₆₆	2000 09 01	704	LINEAR
(165203)	2000 RX ₇₂	2000 09 02	704	LINEAR
(165204)	2000 RO ₇₃	2000 09 02	704	LINEAR
(165205)	2000 RL ₇₆	2000 09 04	704	LINEAR
(165206)	2000 RU ₈₅	2000 09 02	704	LINEAR
(165207)	2000 RR ₉₅	2000 09 04	699	LONEOS
(165208)	2000 RB ₉₆	2000 09 04	699	LONEOS
(165209)	2000 RW ₁₀₀	2000 09 05	699	LONEOS
(165210)	2000 SB ₄	2000 09 21	704	LINEAR
(165211)	2000 SP ₇	2000 09 22	691	Spacewatch
(165212)	2000 SX ₉	2000 09 23	704	LINEAR
(165213)	2000 SJ ₁₂	2000 09 20	704	LINEAR
(165214)	2000 SR ₂₉	2000 09 24	704	LINEAR
(165215)	2000 SX ₃₁	2000 09 24	704	LINEAR
(165216)	2000 SN ₃₃	2000 09 24	704	LINEAR
(165217)	2000 SB ₃₇	2000 09 24	704	LINEAR

(165218)	2000 SV ₃₇	2000 09 24	704	LINEAR
(165219)	2000 SQ ₃₉	2000 09 24	704	LINEAR
(165220)	2000 SZ ₄₀	2000 09 24	704	LINEAR
(165221)	2000 SP ₄₄	2000 09 27	704	LINEAR
(165222)	2000 SA ₄₅	2000 09 26	608	NEAT
(165223)	2000 SP ₄₈	2000 09 23	704	LINEAR
(165224)	2000 SE ₅₀	2000 09 23	704	LINEAR
(165225)	2000 SL ₅₇	2000 09 24	704	LINEAR
(165226)	2000 SE ₅₉	2000 09 24	704	LINEAR
(165227)	2000 SP ₆₂	2000 09 24	704	LINEAR
(165228)	2000 SY ₆₉	2000 09 24	704	LINEAR
(165229)	2000 SM ₇₉	2000 09 24	704	LINEAR
(165230)	2000 SH ₈₉	2000 09 24	704	LINEAR
(165231)	2000 SW ₉₄	2000 09 23	704	LINEAR
(165232)	2000 SH ₁₀₂	2000 09 24	704	LINEAR
(165233)	2000 SP ₁₀₂	2000 09 24	704	LINEAR
(165234)	2000 SP ₁₀₈	2000 09 24	704	LINEAR
(165235)	2000 SC ₁₁₀	2000 09 24	704	LINEAR
(165236)	2000 SQ ₁₁₃	2000 09 24	704	LINEAR
(165237)	2000 SQ ₁₁₅	2000 09 24	704	LINEAR
(165238)	2000 SS ₁₁₆	2000 09 24	704	LINEAR
(165239)	2000 SA ₁₁₉	2000 09 24	704	LINEAR
(165240)	2000 SB ₁₂₀	2000 09 24	704	LINEAR
(165241)	2000 SO ₁₃₃	2000 09 23	704	LINEAR
(165242)	2000 SS ₁₄₀	2000 09 23	704	LINEAR
(165243)	2000 ST ₁₄₇	2000 09 24	704	LINEAR
(165244)	2000 SG ₁₄₈	2000 09 24	704	LINEAR
(165245)	2000 SN ₁₄₈	2000 09 24	704	LINEAR
(165246)	2000 SW ₁₄₈	2000 09 24	704	LINEAR
(165247)	2000 SC ₁₅₁	2000 09 24	704	LINEAR
(165248)	2000 SD ₁₅₂	2000 09 24	704	LINEAR
(165249)	2000 SD ₁₅₄	2000 09 24	704	LINEAR
(165250)	2000 SD ₁₅₈	2000 09 27	704	LINEAR
(165251)	2000 SA ₁₇₆	2000 09 28	704	LINEAR
(165252)	2000 ST ₁₈₂	2000 09 20	691	Spacewatch
(165253)	2000 ST ₁₉₃	2000 09 24	704	LINEAR
(165254)	2000 SC ₂₀₅	2000 09 24	704	LINEAR
(165255)	2000 SN ₂₀₆	2000 09 24	704	LINEAR
(165256)	2000 SQ ₂₀₆	2000 09 24	704	LINEAR
(165257)	2000 SY ₂₀₆	2000 09 24	704	LINEAR
(165258)	2000 SO ₂₀₈	2000 09 25	704	LINEAR
(165259)	2000 SM ₂₁₈	2000 09 26	704	LINEAR
(165260)	2000 SH ₂₂₀	2000 09 26	704	LINEAR
(165261)	2000 SA ₂₂₆	2000 09 27	704	LINEAR
(165262)	2000 SD ₂₂₈	2000 09 28	704	LINEAR
(165263)	2000 SN ₂₂₈	2000 09 28	704	LINEAR
(165264)	2000 SH ₂₃₆	2000 09 24	704	LINEAR
(165265)	2000 SW ₂₃₆	2000 09 24	704	LINEAR
(165266)	2000 SY ₂₄₀	2000 09 27	704	LINEAR
(165267)	2000 SO ₂₄₃	2000 09 24	704	LINEAR
(165268)	2000 ST ₂₅₀	2000 09 24	704	LINEAR
(165269)	2000 SE ₂₅₁	2000 09 24	704	LINEAR

(165270)	2000 SJ ₂₅₅	2000 09 24	704	LINEAR
(165271)	2000 SQ ₂₅₉	2000 09 24	704	LINEAR
(165272)	2000 SP ₂₆₄	2000 09 26	704	LINEAR
(165273)	2000 SM ₂₆₉	2000 09 27	704	LINEAR
(165274)	2000 SH ₂₇₁	2000 09 27	704	LINEAR
(165275)	2000 SP ₂₇₂	2000 09 28	704	LINEAR
(165276)	2000 SJ ₂₈₀	2000 09 30	704	LINEAR
(165277)	2000 ST ₂₉₈	2000 09 28	704	LINEAR
(165278)	2000 SG ₃₀₂	2000 09 28	704	LINEAR
(165279)	2000 SK ₃₀₄	2000 09 30	704	LINEAR
(165280)	2000 SO ₃₀₅	2000 09 30	704	LINEAR
(165281)	2000 SS ₃₂₆	2000 09 29	691	Spacewatch
(165282)	2000 SW ₃₂₆	2000 09 29	691	Spacewatch
(165283)	2000 ST ₃₂₇	2000 09 30	704	LINEAR
(165284)	2000 ST ₃₄₁	2000 09 24	704	LINEAR
(165285)	2000 SX ₃₄₁	2000 09 24	691	Spacewatch
(165286)	2000 SS ₃₄₃	2000 09 23	704	LINEAR
(165287)	2000 SK ₃₅₃	2000 09 30	699	LONEOS
(165288)	2000 SN ₃₅₅	2000 09 29	699	LONEOS
(165289)	2000 SA ₃₅₆	2000 09 29	699	LONEOS
(165290)	2000 SV ₃₆₁	2000 09 23	699	LONEOS
(165291)	2000 SB ₃₆₅	2000 09 21	699	LONEOS
(165292)	2000 SZ ₃₆₇	2000 09 24	704	LINEAR
(165293)	2000 TU ₈	2000 10 01	704	LINEAR
(165294)	2000 TG ₁₅	2000 10 01	704	LINEAR
(165295)	2000 TR ₁₅	2000 10 01	704	LINEAR
(165296)	2000 TC ₂₃	2000 10 01	704	LINEAR
(165297)	2000 TA ₃₆	2000 10 06	699	LONEOS
(165298)	2000 TA ₄₀	2000 10 01	704	LINEAR
(165299)	2000 TF ₄₇	2000 10 01	699	LONEOS
(165300)	2000 TY ₆₆	2000 10 02	704	LINEAR
(165301)	2000 US ₃	2000 10 24	704	LINEAR
(165302)	2000 UK ₁₀	2000 10 24	704	LINEAR
(165303)	2000 UO ₂₀	2000 10 24	704	LINEAR
(165304)	2000 UV ₂₀	2000 10 24	704	LINEAR
(165305)	2000 UO ₂₂	2000 10 24	704	LINEAR
(165306)	2000 US ₂₃	2000 10 24	704	LINEAR
(165307)	2000 UC ₂₅	2000 10 24	704	LINEAR
(165308)	2000 UY ₂₆	2000 10 24	704	LINEAR
(165309)	2000 UU ₂₈	2000 10 30	704	LINEAR
(165310)	2000 UP ₃₆	2000 10 24	704	LINEAR
(165311)	2000 UE ₄₆	2000 10 24	704	LINEAR
(165312)	2000 UH ₅₁	2000 10 24	704	LINEAR
(165313)	2000 US ₅₄	2000 10 24	704	LINEAR
(165314)	2000 UC ₅₇	2000 10 25	704	LINEAR
(165315)	2000 UT ₅₇	2000 10 25	704	LINEAR
(165316)	2000 UU ₆₅	2000 10 25	704	LINEAR
(165317)	2000 UT ₇₁	2000 10 25	704	LINEAR
(165318)	2000 UH ₇₂	2000 10 25	704	LINEAR
(165319)	2000 UJ ₇₂	2000 10 25	704	LINEAR
(165320)	2000 UX ₇₂	2000 10 25	704	LINEAR
(165321)	2000 UC ₇₄	2000 10 27	704	LINEAR

(165322) 2000 UN ₇₇	2000 10 24	704	LINEAR	(165374) 2000 WB ₁₁₄	2000 11 20	704	LINEAR
(165323) 2000 UD ₇₈	2000 10 24	704	LINEAR	(165375) 2000 WL ₁₁₉	2000 11 20	704	LINEAR
(165324) 2000 UK ₈₀	2000 10 24	704	LINEAR	(165376) 2000 WD ₁₂₀	2000 11 20	704	LINEAR
(165325) 2000 UU ₈₇	2000 10 31	704	LINEAR	(165377) 2000 WR ₁₃₆	2000 11 20	704	LINEAR
(165326) 2000 UB ₉₁	2000 10 25	704	LINEAR	(165378) 2000 WN ₁₃₉	2000 11 21	704	LINEAR
(165327) 2000 UQ ₉₁	2000 10 25	704	LINEAR	(165379) 2000 WA ₁₄₄	2000 11 21	704	LINEAR
(165328) 2000 UY ₉₂	2000 10 25	704	LINEAR	(165380) 2000 WF ₁₄₆	2000 11 23	608	NEAT
(165329) 2000 UV ₉₆	2000 10 25	704	LINEAR	(165381) 2000 WD ₁₅₆	2000 11 30	704	LINEAR
(165330) 2000 UM ₁₀₅	2000 10 29	704	LINEAR	(165382) 2000 WN ₁₅₆	2000 11 30	704	LINEAR
(165331) 2000 UX ₁₀₆	2000 10 30	704	LINEAR	(165383) 2000 WA ₁₇₃	2000 11 25	699	LONEOS
(165332) 2000 VS	2000 11 01	691	Spacewatch	(165384) 2000 WU ₁₇₅	2000 11 26	691	Spacewatch
(165333) 2000 VT ₅	2000 11 01	704	LINEAR	(165385) 2000 WY ₁₇₆	2000 11 27	704	LINEAR
(165334) 2000 VX ₆	2000 11 01	704	LINEAR	(165386) 2000 WC ₁₇₈	2000 11 28	691	Spacewatch
(165335) 2000 VZ ₁₁	2000 11 01	704	LINEAR	(165387) 2000 WF ₁₈₇	2000 11 18	699	LONEOS
(165336) 2000 VS ₁₅	2000 11 01	704	LINEAR	(165388) 2000 WV ₁₈₇	2000 11 16	699	LONEOS
(165337) 2000 VX ₁₆	2000 11 01	704	LINEAR	(165389) 2000 WC ₁₈₈	2000 11 16	699	LONEOS
(165338) 2000 VC ₁₇	2000 11 01	704	LINEAR	(165390) 2000 XK ₂	2000 12 01	344	Bohyunsan
(165339) 2000 VA ₁₈	2000 11 01	704	LINEAR	(165391) 2000 XB ₄	2000 12 01	704	LINEAR
(165340) 2000 VC ₂₄	2000 11 01	704	LINEAR	(165392) 2000 XT ₅	2000 12 01	704	LINEAR
(165341) 2000 VN ₃₀	2000 11 01	704	LINEAR	(165393) 2000 XY ₁₁	2000 12 04	704	LINEAR
(165342) 2000 VA ₃₁	2000 11 01	704	LINEAR	(165394) 2000 XC ₁₅	2000 12 05	704	LINEAR
(165343) 2000 VJ ₃₇	2000 11 01	704	LINEAR	(165395) 2000 XN ₁₆	2000 12 01	704	LINEAR
(165344) 2000 VB ₄₇	2000 11 03	704	LINEAR	(165396) 2000 XX ₁₆	2000 12 01	704	LINEAR
(165345) 2000 VF ₅₂	2000 11 03	704	LINEAR	(165397) 2000 XN ₁₈	2000 12 04	704	LINEAR
(165346) 2000 VH ₅₃	2000 11 03	704	LINEAR	(165398) 2000 XE ₂₃	2000 12 04	704	LINEAR
(165347) 2000 WG ₁₁	2000 11 23	701	Medkeff, J.	(165399) 2000 XK ₂₈	2000 12 04	704	LINEAR
(165348) 2000 WO ₁₄	2000 11 20	704	LINEAR	(165400) 2000 XK ₃₂	2000 12 04	704	LINEAR
(165349) 2000 WL ₁₆	2000 11 21	704	LINEAR	(165401) 2000 XA ₃₃	2000 12 04	704	LINEAR
(165350) 2000 WW ₁₆	2000 11 21	704	LINEAR	(165402) 2000 XX ₃₄	2000 12 04	704	LINEAR
(165351) 2000 WY ₂₁	2000 11 20	704	LINEAR	(165403) 2000 XM ₄₃	2000 12 05	704	LINEAR
(165352) 2000 WQ ₂₆	2000 11 25	704	LINEAR	(165404) 2000 XU ₄₄	2000 12 08	704	LINEAR
(165353) 2000 WR ₄₈	2000 11 21	704	LINEAR	(165405) 2000 XB ₄₈	2000 12 04	704	LINEAR
(165354) 2000 WU ₄₈	2000 11 21	704	LINEAR	(165406) 2000 XT ₅₃	2000 12 14	344	Jeon, Y.-B., Lee, B.-C.
(165355) 2000 WC ₅₈	2000 11 21	704	LINEAR	(165407) 2000 YA ₁₀	2000 12 20	704	LINEAR
(165356) 2000 WE ₆₉	2000 11 19	704	LINEAR	(165408) 2000 YV ₁₀	2000 12 22	704	LINEAR
(165357) 2000 WJ ₇₄	2000 11 20	704	LINEAR	(165409) 2000 YP ₁₅	2000 12 26	691	Spacewatch
(165358) 2000 WV ₇₄	2000 11 20	704	LINEAR	(165410) 2000 YN ₁₉	2000 12 26	691	Spacewatch
(165359) 2000 WS ₇₅	2000 11 20	704	LINEAR	(165411) 2000 YJ ₂₂	2000 12 27	691	Spacewatch
(165360) 2000 WA ₇₇	2000 11 20	704	LINEAR	(165412) 2000 YK ₂₄	2000 12 28	691	Spacewatch
(165361) 2000 WZ ₈₇	2000 11 20	704	LINEAR	(165413) 2000 YD ₃₀	2000 12 29	608	NEAT
(165362) 2000 WY ₉₀	2000 11 21	704	LINEAR	(165414) 2000 YW ₃₀	2000 12 26	691	Spacewatch
(165363) 2000 WH ₉₁	2000 11 21	704	LINEAR	(165415) 2000 YK ₃₅	2000 12 30	704	LINEAR
(165364) 2000 WM ₉₆	2000 11 21	704	LINEAR	(165416) 2000 YF ₃₆	2000 12 30	704	LINEAR
(165365) 2000 WA ₁₀₂	2000 11 26	704	LINEAR	(165417) 2000 YK ₃₆	2000 12 30	704	LINEAR
(165366) 2000 WF ₁₀₄	2000 11 27	704	LINEAR	(165418) 2000 YH ₅₁	2000 12 30	704	LINEAR
(165367) 2000 WY ₁₀₄	2000 11 25	691	Spacewatch	(165419) 2000 YY ₅₂	2000 12 30	704	LINEAR
(165368) 2000 WH ₁₀₅	2000 11 27	691	Spacewatch	(165420) 2000 YH ₅₃	2000 12 30	704	LINEAR
(165369) 2000 WJ ₁₀₆	2000 11 28	608	NEAT	(165421) 2000 YL ₅₃	2000 12 30	704	LINEAR
(165370) 2000 WW ₁₁₀	2000 11 20	704	LINEAR	(165422) 2000 YQ ₅₃	2000 12 30	704	LINEAR
(165371) 2000 WZ ₁₁₀	2000 11 20	704	LINEAR	(165423) 2000 YB ₅₄	2000 12 30	704	LINEAR
(165372) 2000 WT ₁₁₁	2000 11 20	704	LINEAR	(165424) 2000 YF ₅₉	2000 12 30	704	LINEAR
(165373) 2000 WV ₁₁₁	2000 11 20	704	LINEAR	(165425) 2000 YK ₆₀	2000 12 30	704	LINEAR

(165426)	2000	YO ₆₀	2000 12 30	704	LINEAR	(165478)	2001	AQ ₄₆	2001 01 15	704	LINEAR
(165427)	2000	YF ₆₂	2000 12 30	704	LINEAR	(165479)	2001	AK ₄₉	2001 01 15	704	LINEAR
(165428)	2000	YR ₆₂	2000 12 30	704	LINEAR	(165480)	2001	AJ ₅₀	2001 01 14	691	Spacewatch
(165429)	2000	YW ₆₆	2000 12 30	691	Spacewatch	(165481)	2001	AX ₅₀	2001 01 15	691	Spacewatch
(165430)	2000	YV ₆₉	2000 12 30	704	LINEAR	(165482)	2001	BC	2001 01 17	411	Kobayashi, T.
(165431)	2000	YQ ₇₁	2000 12 30	704	LINEAR	(165483)	2001	BZ ₁₂	2001 01 19	704	LINEAR
(165432)	2000	YA ₇₂	2000 12 30	704	LINEAR	(165484)	2001	BO ₁₉	2001 01 19	704	LINEAR
(165433)	2000	YD ₇₂	2000 12 30	704	LINEAR	(165485)	2001	BU ₁₉	2001 01 19	704	LINEAR
(165434)	2000	YC ₇₅	2000 12 30	704	LINEAR	(165486)	2001	BR ₂₀	2001 01 19	704	LINEAR
(165435)	2000	YO ₇₇	2000 12 30	704	LINEAR	(165487)	2001	BS ₂₀	2001 01 19	704	LINEAR
(165436)	2000	YD ₇₉	2000 12 30	704	LINEAR	(165488)	2001	BK ₂₂	2001 01 20	704	LINEAR
(165437)	2000	YM ₈₆	2000 12 30	704	LINEAR	(165489)	2001	BQ ₂₃	2001 01 20	704	LINEAR
(165438)	2000	YG ₈₇	2000 12 30	704	LINEAR	(165490)	2001	BQ ₂₈	2001 01 20	704	LINEAR
(165439)	2000	YK ₈₇	2000 12 30	704	LINEAR	(165491)	2001	BA ₃₁	2001 01 20	704	LINEAR
(165440)	2000	YD ₉₂	2000 12 30	704	LINEAR	(165492)	2001	BL ₃₁	2001 01 20	704	LINEAR
(165441)	2000	YY ₉₅	2000 12 30	704	LINEAR	(165493)	2001	BP ₃₂	2001 01 20	704	LINEAR
(165442)	2000	YA ₉₉	2000 12 30	704	LINEAR	(165494)	2001	BD ₄₂	2001 01 25	704	LINEAR
(165443)	2000	YA ₁₀₂	2000 12 28	704	LINEAR	(165495)	2001	BY ₄₇	2001 01 21	704	LINEAR
(165444)	2000	YK ₁₀₄	2000 12 28	704	LINEAR	(165496)	2001	BH ₄₉	2001 01 21	704	LINEAR
(165445)	2000	YM ₁₀₆	2000 12 30	704	LINEAR	(165497)	2001	BC ₅₃	2001 01 17	608	NEAT
(165446)	2000	YG ₁₀₈	2000 12 30	704	LINEAR	(165498)	2001	BH ₅₃	2001 01 17	608	NEAT
(165447)	2000	YV ₁₀₈	2000 12 30	704	LINEAR	(165499)	2001	BN ₅₃	2001 01 17	608	NEAT
(165448)	2000	YN ₁₁₁	2000 12 30	704	LINEAR	(165500)	2001	BC ₅₇	2001 01 19	608	NEAT
(165449)	2000	YR ₁₁₁	2000 12 30	704	LINEAR	(165501)	2001	BH ₆₅	2001 01 26	704	LINEAR
(165450)	2000	YB ₁₁₄	2000 12 30	704	LINEAR	(165502)	2001	BY ₆₇	2001 01 31	704	LINEAR
(165451)	2000	YN ₁₁₅	2000 12 30	704	LINEAR	(165503)	2001	BF ₆₉	2001 01 31	704	LINEAR
(165452)	2000	YA ₁₁₆	2000 12 30	704	LINEAR	(165504)	2001	BS ₇₂	2001 01 27	608	NEAT
(165453)	2000	YC ₁₁₈	2000 12 30	704	LINEAR	(165505)	2001	BV ₇₆	2001 01 26	704	LINEAR
(165454)	2000	YT ₁₁₉	2000 12 17	691	Spacewatch	(165506)	2001	BN ₇₉	2001 01 21	704	LINEAR
(165455)	2000	YU ₁₁₉	2000 12 17	691	Spacewatch	(165507)	2001	CO ₁	2001 02 01	704	LINEAR
(165456)	2000	YL ₁₂₅	2000 12 29	699	LONEOS	(165508)	2001	CA ₃	2001 02 01	704	LINEAR
(165457)	2000	YE ₁₂₇	2000 12 29	691	Spacewatch	(165509)	2001	CO ₄	2001 02 01	704	LINEAR
(165458)	2000	YV ₁₂₉	2000 12 30	704	LINEAR	(165510)	2001	CF ₅	2001 02 01	704	LINEAR
(165459)	2000	YC ₁₃₁	2000 12 30	704	LINEAR	(165511)	2001	CN ₆	2001 02 01	704	LINEAR
(165460)	2000	YE ₁₃₄	2000 12 31	691	Spacewatch	(165512)	2001	CQ ₆	2001 02 01	704	LINEAR
(165461)	2000	YD ₁₃₇	2000 12 23	704	LINEAR	(165513)	2001	CT ₈	2001 02 01	704	LINEAR
(165462)	2001	AY ₂	2001 01 02	691	Spacewatch	(165514)	2001	CA ₁₁	2001 02 01	704	LINEAR
(165463)	2001	AK ₁₁	2001 01 02	704	LINEAR	(165515)	2001	CH ₁₁	2001 02 01	704	LINEAR
(165464)	2001	AY ₁₉	2001 01 04	704	LINEAR	(165516)	2001	CA ₁₄	2001 02 01	704	LINEAR
(165465)	2001	AS ₂₀	2001 01 03	704	LINEAR	(165517)	2001	CZ ₁₄	2001 02 01	704	LINEAR
(165466)	2001	AF ₂₈	2001 01 05	704	LINEAR	(165518)	2001	CT ₁₆	2001 02 01	704	LINEAR
(165467)	2001	AA ₂₉	2001 01 04	704	LINEAR	(165519)	2001	CV ₁₇	2001 02 01	704	LINEAR
(165468)	2001	AC ₂₉	2001 01 04	704	LINEAR	(165520)	2001	CX ₁₈	2001 02 02	704	LINEAR
(165469)	2001	AL ₃₂	2001 01 04	704	LINEAR	(165521)	2001	CC ₁₉	2001 02 02	704	LINEAR
(165470)	2001	AC ₃₅	2001 01 05	704	LINEAR	(165522)	2001	CD ₂₀	2001 02 03	704	LINEAR
(165471)	2001	AP ₃₅	2001 01 05	704	LINEAR	(165523)	2001	CF ₂₀	2001 02 03	704	LINEAR
(165472)	2001	AC ₃₆	2001 01 05	704	LINEAR	(165524)	2001	CM ₂₂	2001 02 01	699	LONEOS
(165473)	2001	AX ₃₇	2001 01 05	704	LINEAR	(165525)	2001	CK ₂₃	2001 02 01	699	LONEOS
(165474)	2001	AR ₃₉	2001 01 03	704	LINEAR	(165526)	2001	CQ ₂₃	2001 02 01	699	LONEOS
(165475)	2001	AZ ₃₉	2001 01 03	699	LONEOS	(165527)	2001	CY ₂₃	2001 02 01	699	LONEOS
(165476)	2001	AQ ₄₀	2001 01 03	699	LONEOS	(165528)	2001	CK ₂₈	2001 02 02	699	LONEOS
(165477)	2001	AP ₄₄	2001 01 15	411	Kobayashi, T.	(165529)	2001	CE ₃₃	2001 02 13	704	LINEAR

(165530)	2001 CG ₃₃	2001 02 13	704	LINEAR
(165531)	2001 CD ₃₇	2001 02 15	926	Tenagra II
(165532)	2001 CG ₄₀	2001 02 13	704	LINEAR
(165533)	2001 CB ₄₇	2001 02 13	691	Spacewatch
(165534)	2001 CC ₄₇	2001 02 13	691	Spacewatch
(165535)	2001 DZ	2001 02 16	926	Tenagra II
(165536)	2001 DC ₆	2001 02 16	704	LINEAR
(165537)	2001 DN ₉	2001 02 16	704	LINEAR
(165538)	2001 DV ₉	2001 02 16	704	LINEAR
(165539)	2001 DQ ₁₄	2001 02 17	926	Tenagra II
(165540)	2001 DV ₁₉	2001 02 16	704	LINEAR
(165541)	2001 DS ₂₀	2001 02 16	704	LINEAR
(165542)	2001 DY ₂₂	2001 02 17	704	LINEAR
(165543)	2001 DK ₂₉	2001 02 17	704	LINEAR
(165544)	2001 DE ₃₀	2001 02 17	704	LINEAR
(165545)	2001 DE ₃₆	2001 02 19	704	LINEAR
(165546)	2001 DL ₃₆	2001 02 19	704	LINEAR
(165547)	2001 DM ₃₇	2001 02 19	704	LINEAR
(165548)	2001 DO ₃₇	2001 02 19	704	LINEAR
(165549)	2001 DM ₃₉	2001 02 19	704	LINEAR
(165550)	2001 DH ₄₀	2001 02 19	704	LINEAR
(165551)	2001 DZ ₄₀	2001 02 19	704	LINEAR
(165552)	2001 DS ₄₂	2001 02 19	704	LINEAR
(165553)	2001 DZ ₄₃	2001 02 19	704	LINEAR
(165554)	2001 DA ₄₄	2001 02 19	704	LINEAR
(165555)	2001 DD ₄₄	2001 02 19	704	LINEAR
(165556)	2001 DO ₄₅	2001 02 19	704	LINEAR
(165557)	2001 DR ₄₆	2001 02 19	704	LINEAR
(165558)	2001 DN ₄₇	2001 02 17	691	Spacewatch
(165559)	2001 DL ₄₈	2001 02 16	704	LINEAR
(165560)	2001 DJ ₅₁	2001 02 16	704	LINEAR
(165561)	2001 DV ₅₂	2001 02 17	704	LINEAR
(165562)	2001 DD ₅₇	2001 02 16	691	Spacewatch
(165563)	2001 DK ₅₇	2001 02 16	691	Spacewatch
(165564)	2001 DF ₆₂	2001 02 19	704	LINEAR
(165565)	2001 DL ₆₆	2001 02 19	704	LINEAR
(165566)	2001 DA ₈₁	2001 02 26	411	Kobayashi, T.
(165567)	2001 DU ₈₂	2001 02 22	691	Spacewatch
(165568)	2001 DG ₈₃	2001 02 22	691	Spacewatch
(165569)	2001 DG ₉₁	2001 02 20	704	LINEAR
(165570)	2001 DX ₉₁	2001 02 20	691	Spacewatch
(165571)	2001 DE ₉₂	2001 02 20	691	Spacewatch
(165572)	2001 DL ₉₇	2001 02 17	704	LINEAR
(165573)	2001 DE ₁₀₂	2001 02 16	704	LINEAR
(165574)	2001 DH ₁₀₅	2001 02 16	699	LONEOS
(165575)	2001 DR ₁₀₇	2001 02 20	691	Spacewatch
(165576)	2001 DC ₁₀₈	2001 02 16	699	LONEOS
(165577)	2001 EA	2001 03 02	608	NEAT
(165578)	2001 EZ ₂	2001 03 03	691	Spacewatch
(165579)	2001 EA ₄	2001 03 02	699	LONEOS
(165580)	2001 ES ₉	2001 03 02	699	LONEOS
(165581)	2001 ER ₁₄	2001 03 15	704	LINEAR

(165582)	2001 EA ₁₇	2001 03 03	704	LINEAR
(165583)	2001 EF ₂₂	2001 03 15	699	LONEOS
(165584)	2001 EX ₂₂	2001 03 15	691	Spacewatch
(165585)	2001 EY ₂₂	2001 03 15	691	Spacewatch
(165586)	2001 FH ₈	2001 03 18	704	LINEAR
(165587)	2001 FW ₉	2001 03 20	734	Hug, G.
(165588)	2001 FG ₁₈	2001 03 19	699	LONEOS
(165589)	2001 FQ ₂₂	2001 03 21	699	LONEOS
(165590)	2001 FY ₂₃	2001 03 19	704	LINEAR
(165591)	2001 FU ₂₈	2001 03 19	704	LINEAR
(165592)	2001 FJ ₃₀	2001 03 20	608	NEAT
(165593)	2001 FU ₃₁	2001 03 22	691	Spacewatch
(165594)	2001 FT ₄₀	2001 03 18	704	LINEAR
(165595)	2001 FV ₄₀	2001 03 18	704	LINEAR
(165596)	2001 FA ₄₁	2001 03 18	704	LINEAR
(165597)	2001 FL ₄₃	2001 03 18	704	LINEAR
(165598)	2001 FB ₄₆	2001 03 18	704	LINEAR
(165599)	2001 FT ₄₇	2001 03 18	704	LINEAR
(165600)	2001 FW ₄₉	2001 03 18	704	LINEAR
(165601)	2001 FK ₅₁	2001 03 18	704	LINEAR
(165602)	2001 FH ₅₅	2001 03 21	704	LINEAR
(165603)	2001 FM ₅₇	2001 03 23	608	NEAT
(165604)	2001 FC ₅₉	2001 03 19	704	LINEAR
(165605)	2001 FQ ₆₁	2001 03 19	704	LINEAR
(165606)	2001 FJ ₆₄	2001 03 19	704	LINEAR
(165607)	2001 FS ₆₆	2001 03 19	704	LINEAR
(165608)	2001 FX ₆₇	2001 03 19	704	LINEAR
(165609)	2001 FN ₆₉	2001 03 19	704	LINEAR
(165610)	2001 FU ₈₂	2001 03 23	704	LINEAR
(165611)	2001 FC ₈₄	2001 03 26	691	Spacewatch
(165612)	2001 FP ₈₆	2001 03 23	701	Healy, D.
(165613)	2001 FH ₈₉	2001 03 27	691	Spacewatch
(165614)	2001 FC ₉₆	2001 03 16	704	LINEAR
(165615)	2001 FD ₉₉	2001 03 16	704	LINEAR
(165616)	2001 FF ₁₀₂	2001 03 17	704	LINEAR
(165617)	2001 FS ₁₀₂	2001 03 18	691	Spacewatch
(165618)	2001 FE ₁₀₆	2001 03 18	699	LONEOS
(165619)	2001 FA ₁₀₇	2001 03 18	699	LONEOS
(165620)	2001 FF ₁₀₉	2001 03 18	704	LINEAR
(165621)	2001 FU ₁₀₉	2001 03 18	704	LINEAR
(165622)	2001 FZ ₁₀₉	2001 03 18	704	LINEAR
(165623)	2001 FZ ₁₁₃	2001 03 19	699	LONEOS
(165624)	2001 FQ ₁₂₈	2001 03 19	012	Pauwels, T.
(165625)	2001 FA ₁₃₀	2001 03 29	704	LINEAR
(165626)	2001 FX ₁₃₅	2001 03 21	704	LINEAR
(165627)	2001 FZ ₁₄₂	2001 03 23	608	NEAT
(165628)	2001 FT ₁₄₆	2001 03 24	699	LONEOS
(165629)	2001 FL ₁₅₁	2001 03 24	608	NEAT
(165630)	2001 FC ₁₅₆	2001 03 26	608	NEAT
(165631)	2001 FM ₁₆₀	2001 03 29	608	NEAT
(165632)	2001 FF ₁₆₃	2001 03 18	704	LINEAR
(165633)	2001 FR ₁₆₇	2001 03 19	699	LONEOS

(165634)	2001 FA ₁₇₁	2001 03 24	699	LONEOS
(165635)	2001 FC ₁₇₆	2001 03 16	704	LINEAR
(165636)	2001 FL ₁₈₀	2001 03 20	691	Spacewatch
(165637)	2001 FA ₁₈₈	2001 03 21	691	Spacewatch
(165638)	2001 FH ₁₉₂	2001 03 21	608	NEAT
(165639)	2001 GO ₃	2001 04 15	704	LINEAR
(165640)	2001 GO ₅	2001 04 15	691	Spacewatch
(165641)	2001 GG ₁₀	2001 04 15	608	NEAT
(165642)	2001 GJ ₁₁	2001 04 15	704	LINEAR
(165643)	2001 GK ₁₁	2001 04 15	704	LINEAR
(165644)	2001 HB ₂	2001 04 17	704	LINEAR
(165645)	2001 HX ₁₇	2001 04 24	691	Spacewatch
(165646)	2001 HP ₁₉	2001 04 24	291	Spacewatch
(165647)	2001 HL ₂₄	2001 04 27	691	Spacewatch
(165648)	2001 HM ₂₅	2001 04 26	691	Spacewatch
(165649)	2001 HC ₃₃	2001 04 27	704	LINEAR
(165650)	2001 HN ₃₆	2001 04 29	704	LINEAR
(165651)	2001 HG ₄₂	2001 04 16	704	LINEAR
(165652)	2001 HH ₄₄	2001 04 16	699	LONEOS
(165653)	2001 JP ₃	2001 05 15	608	NEAT
(165654)	2001 JE ₁₁	2001 05 02	691	Spacewatch
(165655)	2001 KB ₂	2001 05 19	557	Kušnirák, P., Pravec, P.
(165656)	2001 KN ₁₆	2001 05 18	704	LINEAR
(165657)	2001 KA ₁₈	2001 05 20	621	Bickel, W.
(165658)	2001 LX ₅	2001 06 12	691	Spacewatch
(165659)	2001 LZ ₆	2001 06 15	608	NEAT
(165660)	2001 LE ₁₈	2001 06 15	608	NEAT
(165661)	2001 MJ ₁	2001 06 16	644	NEAT
(165662)	2001 MS ₂₉	2001 06 27	699	LONEOS
(165663)	2001 MT ₂₉	2001 06 27	608	NEAT
(165664)	2001 MO ₃₀	2001 06 30	644	NEAT
(165665)	2001 MJ ₃₁	2001 06 16	699	LONEOS
(165666)	2001 NF ₁	2001 07 12	644	NEAT
(165667)	2001 NO ₇	2001 07 13	644	NEAT
(165668)	2001 NG ₁₂	2001 07 13	608	NEAT
(165669)	2001 NT ₁₆	2001 07 14	644	NEAT
(165670)	2001 NH ₂₀	2001 07 13	644	NEAT
(165671)	2001 OA ₁	2001 07 17	608	NEAT
(165672)	2001 ON ₁	2001 07 18	644	NEAT
(165673)	2001 OJ ₁₅	2001 07 18	644	NEAT
(165674)	2001 OV ₂₄	2001 07 16	699	LONEOS
(165675)	2001 OD ₂₉	2001 07 18	644	NEAT
(165676)	2001 OG ₄₁	2001 07 21	644	NEAT
(165677)	2001 OG ₄₂	2001 07 22	644	NEAT
(165678)	2001 OA ₅₁	2001 07 21	644	NEAT
(165679)	2001 OU ₅₂	2001 07 21	644	NEAT
(165680)	2001 OY ₅₈	2001 07 21	608	NEAT
(165681)	2001 OO ₆₄	2001 07 24	608	NEAT
(165682)	2001 OY ₆₅	2001 07 22	704	LINEAR
(165683)	2001 OK ₆₈	2001 07 16	699	LONEOS
(165684)	2001 OD ₇₁	2001 07 20	644	NEAT
(165685)	2001 OA ₇₄	2001 07 27	740	Nacogdoches

(165686)	2001 OY ₇₅	2001 07 27	608	NEAT
(165687)	2001 OV ₈₁	2001 07 26	608	NEAT
(165688)	2001 OU ₈₇	2001 07 30	644	NEAT
(165689)	2001 PY ₁	2001 08 08	608	NEAT
(165690)	2001 PA ₃	2001 08 03	608	NEAT
(165691)	2001 PM ₆	2001 08 10	608	NEAT
(165692)	2001 PS ₁₆	2001 08 09	644	NEAT
(165693)	2001 PC ₁₈	2001 08 09	644	NEAT
(165694)	2001 PQ ₂₈	2001 08 14	104	Tombelli, M., Boattini, A.
(165695)	2001 PT ₃₂	2001 08 10	608	NEAT
(165696)	2001 PQ ₃₄	2001 08 10	644	NEAT
(165697)	2001 PR ₃₄	2001 08 10	644	NEAT
(165698)	2001 PA ₄₄	2001 08 15	608	NEAT
(165699)	2001 PD ₄₄	2001 08 15	608	NEAT
(165700)	2001 PQ ₄₄	2001 08 15	608	NEAT
(165701)	2001 PN ₄₆	2001 08 12	644	NEAT
(165702)	2001 PA ₅₉	2001 08 14	608	NEAT
(165703)	2001 PH ₆₀	2001 08 13	608	NEAT
(165704)	2001 PD ₆₁	2001 08 13	608	NEAT
(165705)	2001 PP ₆₁	2001 08 13	608	NEAT
(165706)	2001 PW ₆₄	2001 08 01	644	NEAT
(165707)	2001 PQ ₆₅	2001 08 13	608	NEAT
(165708)	2001 PB ₆₆	2001 08 15	608	NEAT
(165709)	2001 PD ₆₇	2001 08 09	644	NEAT
(165710)	2001 QC ₁	2001 08 16	704	LINEAR
(165711)	2001 QY ₁₉	2001 08 16	704	LINEAR
(165712)	2001 QV ₃₃	2001 08 17	557	Kušnirák, P., Babiaková, U.
(165713)	2001 QF ₃₅	2001 08 16	704	LINEAR
(165714)	2001 QR ₃₆	2001 08 16	704	LINEAR
(165715)	2001 QP ₃₉	2001 08 16	704	LINEAR
(165716)	2001 QN ₄₂	2001 08 16	704	LINEAR
(165717)	2001 QR ₄₅	2001 08 16	704	LINEAR
(165718)	2001 QV ₅₃	2001 08 16	704	LINEAR
(165719)	2001 QB ₅₆	2001 08 16	704	LINEAR
(165720)	2001 QX ₅₉	2001 08 18	704	LINEAR
(165721)	2001 QZ ₆₃	2001 08 16	704	LINEAR
(165722)	2001 QP ₆₈	2001 08 20	916	Wolfe, C.
(165723)	2001 QZ ₈₁	2001 08 17	704	LINEAR
(165724)	2001 QC ₁₀₁	2001 08 20	644	NEAT
(165725)	2001 QJ ₁₀₁	2001 08 18	704	LINEAR
(165726)	2001 QC ₁₀₆	2001 08 18	699	LONEOS
(165727)	2001 QG ₁₀₆	2001 08 18	699	LONEOS
(165728)	2001 QV ₁₀₆	2001 08 22	704	LINEAR
(165729)	2001 QW ₁₀₆	2001 08 22	704	LINEAR
(165730)	2001 QP ₁₂₄	2001 08 19	704	LINEAR
(165731)	2001 QA ₁₂₅	2001 08 19	704	LINEAR
(165732)	2001 QU ₁₂₆	2001 08 20	704	LINEAR
(165733)	2001 QE ₁₂₇	2001 08 20	704	LINEAR
(165734)	2001 QC ₁₂₈	2001 08 20	704	LINEAR
(165735)	2001 QQ ₁₂₈	2001 08 20	704	LINEAR
(165736)	2001 QQ ₁₃₁	2001 08 20	704	LINEAR
(165737)	2001 QE ₁₃₄	2001 08 21	704	LINEAR

(165738)	2001 QT ₁₅₄	2001 08 23	699	LONEOS	(165790)	2001 RA ₂₈	2001 09 07	704	LINEAR
(165739)	2001 QQ ₁₅₈	2001 08 23	699	LONEOS	(165791)	2001 RN ₂₉	2001 09 07	704	LINEAR
(165740)	2001 QH ₁₆₁	2001 08 23	699	LONEOS	(165792)	2001 RN ₃₃	2001 09 08	704	LINEAR
(165741)	2001 QS ₁₆₁	2001 08 23	699	LONEOS	(165793)	2001 RQ ₃₃	2001 09 08	704	LINEAR
(165742)	2001 QO ₁₆₂	2001 08 23	699	LONEOS	(165794)	2001 RX ₃₄	2001 09 08	704	LINEAR
(165743)	2001 QS ₁₆₄	2001 08 22	608	NEAT	(165795)	2001 RG ₃₆	2001 09 08	704	LINEAR
(165744)	2001 QG ₁₆₇	2001 08 24	608	NEAT	(165796)	2001 RL ₃₆	2001 09 08	704	LINEAR
(165745)	2001 QV ₁₆₈	2001 08 26	608	NEAT	(165797)	2001 RK ₃₇	2001 09 08	704	LINEAR
(165746)	2001 QH ₁₇₁	2001 08 25	704	LINEAR	(165798)	2001 RU ₄₁	2001 09 11	704	LINEAR
(165747)	2001 QT ₁₈₄	2001 08 21	704	LINEAR	(165799)	2001 RJ ₄₈	2001 09 11	333	Yeung, W. K. Y.
(165748)	2001 QR ₁₈₆	2001 08 21	691	Spacewatch	(165800)	2001 RJ ₅₀	2001 09 10	704	LINEAR
(165749)	2001 QT ₁₈₇	2001 08 21	608	NEAT	(165801)	2001 RO ₅₂	2001 09 12	704	LINEAR
(165750)	2001 QO ₁₈₉	2001 08 22	704	LINEAR	(165802)	2001 RN ₅₄	2001 09 12	704	LINEAR
(165751)	2001 QA ₁₉₁	2001 08 22	704	LINEAR	(165803)	2001 RN ₅₅	2001 09 12	704	LINEAR
(165752)	2001 QF ₂₀₂	2001 08 23	699	LONEOS	(165804)	2001 RZ ₅₇	2001 09 12	704	LINEAR
(165753)	2001 QM ₂₀₂	2001 08 23	699	LONEOS	(165805)	2001 RB ₅₈	2001 09 12	704	LINEAR
(165754)	2001 QZ ₂₀₂	2001 08 23	699	LONEOS	(165806)	2001 RC ₆₀	2001 09 12	704	LINEAR
(165755)	2001 QK ₂₀₇	2001 08 23	699	LONEOS	(165807)	2001 RS ₆₂	2001 09 12	704	LINEAR
(165756)	2001 QT ₂₀₈	2001 08 23	699	LONEOS	(165808)	2001 RO ₆₆	2001 09 10	704	LINEAR
(165757)	2001 QV ₂₀₉	2001 08 23	699	LONEOS	(165809)	2001 RK ₇₈	2001 09 10	704	LINEAR
(165758)	2001 QR ₂₁₇	2001 08 23	699	LONEOS	(165810)	2001 RW ₇₉	2001 09 12	704	LINEAR
(165759)	2001 QU ₂₂₇	2001 08 24	699	LONEOS	(165811)	2001 RH ₈₁	2001 09 14	644	NEAT
(165760)	2001 QA ₂₂₈	2001 08 24	699	LONEOS	(165812)	2001 RE ₈₄	2001 09 11	699	LONEOS
(165761)	2001 QD ₂₂₈	2001 08 24	699	LONEOS	(165813)	2001 RJ ₈₇	2001 09 11	699	LONEOS
(165762)	2001 QL ₂₂₈	2001 08 24	699	LONEOS	(165814)	2001 RY ₉₆	2001 09 12	691	Spacewatch
(165763)	2001 QV ₂₂₉	2001 08 24	699	LONEOS	(165815)	2001 RF ₁₀₀	2001 09 12	704	LINEAR
(165764)	2001 QO ₂₃₂	2001 08 24	704	LINEAR	(165816)	2001 RU ₁₀₀	2001 09 12	704	LINEAR
(165765)	2001 QW ₂₃₆	2001 08 24	704	LINEAR	(165817)	2001 RU ₁₀₁	2001 09 12	704	LINEAR
(165766)	2001 QA ₂₄₁	2001 08 24	704	LINEAR	(165818)	2001 RE ₁₀₂	2001 09 12	704	LINEAR
(165767)	2001 QC ₂₄₁	2001 08 24	704	LINEAR	(165819)	2001 RT ₁₀₈	2001 09 12	704	LINEAR
(165768)	2001 QO ₂₄₃	2001 08 24	704	LINEAR	(165820)	2001 RF ₁₁₁	2001 09 12	704	LINEAR
(165769)	2001 QJ ₂₄₄	2001 08 24	704	LINEAR	(165821)	2001 RK ₁₁₂	2001 09 12	704	LINEAR
(165770)	2001 QC ₂₅₀	2001 08 24	608	NEAT	(165822)	2001 RO ₁₁₂	2001 09 12	704	LINEAR
(165771)	2001 QS ₂₅₀	2001 08 24	608	NEAT	(165823)	2001 RJ ₁₁₃	2001 09 12	704	LINEAR
(165772)	2001 QL ₂₅₁	2001 08 25	704	LINEAR	(165824)	2001 RY ₁₁₄	2001 09 12	704	LINEAR
(165773)	2001 QC ₂₅₅	2001 08 25	699	LONEOS	(165825)	2001 RS ₁₁₇	2001 09 12	704	LINEAR
(165774)	2001 QE ₂₅₅	2001 08 25	704	LINEAR	(165826)	2001 RU ₁₁₇	2001 09 12	704	LINEAR
(165775)	2001 QE ₂₆₂	2001 08 25	704	LINEAR	(165827)	2001 RX ₁₁₈	2001 09 12	704	LINEAR
(165776)	2001 QD ₂₆₅	2001 08 26	704	LINEAR	(165828)	2001 RK ₁₂₃	2001 09 12	704	LINEAR
(165777)	2001 QG ₂₆₅	2001 08 26	699	LONEOS	(165829)	2001 RO ₁₂₇	2001 09 12	704	LINEAR
(165778)	2001 QN ₂₆₆	2001 08 20	704	LINEAR	(165830)	2001 RV ₁₂₈	2001 09 12	704	LINEAR
(165779)	2001 QB ₂₆₈	2001 08 20	704	LINEAR	(165831)	2001 RD ₁₃₁	2001 09 12	704	LINEAR
(165780)	2001 QP ₂₇₉	2001 08 19	704	LINEAR	(165832)	2001 RH ₁₃₁	2001 09 12	704	LINEAR
(165781)	2001 QE ₂₈₃	2001 08 18	644	NEAT	(165833)	2001 RY ₁₃₄	2001 09 12	704	LINEAR
(165782)	2001 QO ₃₃₀	2001 08 27	699	LONEOS	(165834)	2001 RW ₁₃₅	2001 09 12	704	LINEAR
(165783)	2001 RQ ₁	2001 09 07	704	LINEAR	(165835)	2001 RD ₁₃₈	2001 09 12	704	LINEAR
(165784)	2001 RN ₅	2001 09 09	333	Yeung, W. K. Y.	(165836)	2001 RJ ₁₄₀	2001 09 12	704	LINEAR
(165785)	2001 RT ₅	2001 09 09	333	Yeung, W. K. Y.	(165837)	2001 RO ₁₄₁	2001 09 12	704	LINEAR
(165786)	2001 RW ₅	2001 09 09	333	Yeung, W. K. Y.	(165838)	2001 RA ₁₄₃	2001 09 15	644	NEAT
(165787)	2001 RU ₉	2001 09 10	704	LINEAR	(165839)	2001 RW ₁₄₄	2001 09 06	644	NEAT
(165788)	2001 RV ₁₉	2001 09 07	704	LINEAR	(165840)	2001 RQ ₁₄₆	2001 09 09	699	LONEOS
(165789)	2001 RZ ₂₀	2001 09 07	704	LINEAR	(165841)	2001 RC ₁₄₇	2001 09 09	699	LONEOS

(165842)	2001 RE ₁₅₃	2001 09 12	704	LINEAR
(165843)	2001 RB ₁₅₄	2001 09 15	644	NEAT
(165844)	2001 SB ₆	2001 09 18	691	Spacewatch
(165845)	2001 SP ₁₀	2001 09 16	704	LINEAR
(165846)	2001 SE ₁₁	2001 09 16	704	LINEAR
(165847)	2001 SE ₁₂	2001 09 16	704	LINEAR
(165848)	2001 SV ₁₃	2001 09 16	704	LINEAR
(165849)	2001 SD ₁₆	2001 09 16	704	LINEAR
(165850)	2001 SK ₁₆	2001 09 16	704	LINEAR
(165851)	2001 SP ₁₈	2001 09 16	704	LINEAR
(165852)	2001 SG ₁₉	2001 09 16	704	LINEAR
(165853)	2001 SD ₂₀	2001 09 16	704	LINEAR
(165854)	2001 SQ ₂₃	2001 09 16	704	LINEAR
(165855)	2001 SH ₂₄	2001 09 16	704	LINEAR
(165856)	2001 SP ₃₀	2001 09 16	704	LINEAR
(165857)	2001 SF ₃₄	2001 09 16	704	LINEAR
(165858)	2001 SX ₃₅	2001 09 16	704	LINEAR
(165859)	2001 SD ₄₀	2001 09 16	704	LINEAR
(165860)	2001 SB ₄₃	2001 09 16	704	LINEAR
(165861)	2001 SM ₄₅	2001 09 16	704	LINEAR
(165862)	2001 SF ₇₈	2001 09 19	704	LINEAR
(165863)	2001 SF ₈₀	2001 09 20	704	LINEAR
(165864)	2001 SW ₈₆	2001 09 20	704	LINEAR
(165865)	2001 SK ₈₈	2001 09 20	704	LINEAR
(165866)	2001 SL ₈₉	2001 09 20	704	LINEAR
(165867)	2001 SQ ₉₁	2001 09 20	704	LINEAR
(165868)	2001 SO ₉₅	2001 09 20	704	LINEAR
(165869)	2001 ST ₁₀₁	2001 09 20	704	LINEAR
(165870)	2001 SY ₁₂₁	2001 09 16	704	LINEAR
(165871)	2001 SE ₁₂₄	2001 09 16	704	LINEAR
(165872)	2001 SW ₁₂₅	2001 09 16	704	LINEAR
(165873)	2001 SK ₁₂₆	2001 09 16	704	LINEAR
(165874)	2001 SP ₁₂₈	2001 09 16	704	LINEAR
(165875)	2001 SK ₁₂₉	2001 09 16	704	LINEAR
(165876)	2001 SZ ₁₂₉	2001 09 16	704	LINEAR
(165877)	2001 SH ₁₃₇	2001 09 16	704	LINEAR
(165878)	2001 SS ₁₃₇	2001 09 16	704	LINEAR
(165879)	2001 SQ ₁₄₀	2001 09 16	704	LINEAR
(165880)	2001 SF ₁₄₃	2001 09 16	704	LINEAR
(165881)	2001 SX ₁₅₃	2001 09 17	704	LINEAR
(165882)	2001 SC ₁₅₄	2001 09 17	704	LINEAR
(165883)	2001 ST ₁₆₄	2001 09 17	704	LINEAR
(165884)	2001 SO ₁₆₅	2001 09 19	704	LINEAR
(165885)	2001 SP ₁₆₅	2001 09 19	704	LINEAR
(165886)	2001 SY ₁₈₄	2001 09 19	704	LINEAR
(165887)	2001 SH ₁₈₆	2001 09 19	704	LINEAR
(165888)	2001 SJ ₁₉₆	2001 09 19	704	LINEAR
(165889)	2001 SY ₁₉₇	2001 09 19	704	LINEAR
(165890)	2001 SW ₁₉₈	2001 09 19	704	LINEAR
(165891)	2001 SH ₁₉₉	2001 09 19	704	LINEAR
(165892)	2001 SP ₁₉₉	2001 09 19	704	LINEAR
(165893)	2001 SF ₂₀₁	2001 09 19	704	LINEAR

(165894)	2001 SJ ₂₀₂	2001 09 19	704	LINEAR
(165895)	2001 SU ₂₁₇	2001 09 19	704	LINEAR
(165896)	2001 SZ ₂₂₃	2001 09 19	704	LINEAR
(165897)	2001 SA ₂₃₅	2001 09 19	704	LINEAR
(165898)	2001 ST ₂₅₀	2001 09 19	704	LINEAR
(165899)	2001 SA ₂₉₂	2001 09 23	699	LONEOS
(165900)	2001 SB ₂₉₄	2001 09 19	704	LINEAR
(165901)	2001 SZ ₃₀₃	2001 09 20	704	LINEAR
(165902)	2001 SQ ₃₀₇	2001 09 21	704	LINEAR
(165903)	2001 SS ₃₀₇	2001 09 21	704	LINEAR
(165904)	2001 SJ ₃₁₁	2001 09 19	704	LINEAR
(165905)	2001 ST ₃₁₄	2001 09 23	704	LINEAR
(165906)	2001 SM ₃₂₃	2001 09 25	704	LINEAR
(165907)	2001 SC ₃₂₉	2001 09 19	704	LINEAR
(165908)	2001 SH ₃₃₄	2001 09 19	644	NEAT
(165909)	2001 SN ₃₄₄	2001 09 23	644	NEAT
(165910)	2001 TG ₅	2001 10 10	644	NEAT
(165911)	2001 TD ₇	2001 10 10	644	NEAT
(165912)	2001 TE ₇	2001 10 11	104	Tesi, L., Tombelli, M.
(165913)	2001 TF ₈	2001 10 09	704	LINEAR
(165914)	2001 TE ₃₁	2001 10 14	704	LINEAR
(165915)	2001 TK ₅₄	2001 10 14	704	LINEAR
(165916)	2001 TD ₅₅	2001 10 14	704	LINEAR
(165917)	2001 TT ₆₄	2001 10 13	704	LINEAR
(165918)	2001 TA ₁₂₂	2001 10 15	704	LINEAR
(165919)	2001 TL ₁₂₅	2001 10 12	608	NEAT
(165920)	2001 TL ₁₂₉	2001 10 15	291	Spacewatch
(165921)	2001 TQ ₁₃₂	2001 10 12	608	NEAT
(165922)	2001 TK ₁₄₄	2001 10 10	644	NEAT
(165923)	2001 TM ₁₄₄	2001 10 10	644	NEAT
(165924)	2001 TG ₁₄₇	2001 10 10	644	NEAT
(165925)	2001 TQ ₁₆₂	2001 10 11	644	NEAT
(165926)	2001 TG ₁₆₄	2001 10 11	644	NEAT
(165927)	2001 TA ₁₇₈	2001 10 14	704	LINEAR
(165928)	2001 TS ₁₉₆	2001 10 15	644	NEAT
(165929)	2001 TC ₂₁₁	2001 10 13	644	NEAT
(165930)	2001 TV ₂₁₁	2001 10 13	291	Spacewatch
(165931)	2001 TF ₂₁₂	2001 10 13	644	NEAT
(165932)	2001 TB ₂₂₆	2001 10 14	644	NEAT
(165933)	2001 UJ ₁₄	2001 10 24	704	LINEAR
(165934)	2001 UY ₂₁	2001 10 17	704	LINEAR
(165935)	2001 UU ₂₂	2001 10 18	704	LINEAR
(165936)	2001 UK ₃₀	2001 10 16	704	LINEAR
(165937)	2001 UV ₃₁	2001 10 16	704	LINEAR
(165938)	2001 UP ₄₀	2001 10 17	704	LINEAR
(165939)	2001 UN ₉₈	2001 10 17	704	LINEAR
(165940)	2001 UN ₁₀₃	2001 10 20	704	LINEAR
(165941)	2001 UK ₁₁₀	2001 10 21	704	LINEAR
(165942)	2001 UB ₁₂₅	2001 10 22	644	NEAT
(165943)	2001 UD ₁₄₇	2001 10 23	704	LINEAR
(165944)	2001 UV ₁₅₅	2001 10 23	704	LINEAR
(165945)	2001 UQ ₁₆₉	2001 10 20	704	LINEAR

(165946)	2001	UL ₁₉₇	2001 10 19	644	NEAT	(165998)	2002	AH ₃₄	2002 01 12	291	Spacewatch
(165947)	2001	VD ₁₁₇	2001 11 12	704	LINEAR	(165999)	2002	AR ₄₅	2002 01 09	704	LINEAR
(165948)	2001	VG ₁₂₆	2001 11 14	691	Spacewatch	(166000)	2002	AO ₄₇	2002 01 09	704	LINEAR
(165949)	2001	WY ₁	2001 11 18	704	LINEAR	(166001)	2002	AV ₅₁	2002 01 09	704	LINEAR
(165950)	2001	WG ₅	2001 11 21	704	LINEAR	(166002)	2002	AW ₅₈	2002 01 09	704	LINEAR
(165951)	2001	WK ₆₉	2001 11 20	704	LINEAR	(166003)	2002	AD ₆₄	2002 01 11	704	LINEAR
(165952)	2001	WN ₉₂	2001 11 21	704	LINEAR	(166004)	2002	AA ₆₇	2002 01 14	333	Yeung, W. K. Y.
(165953)	2001	XT ₁₈	2001 12 09	704	LINEAR	(166005)	2002	AL ₇₂	2002 01 08	704	LINEAR
(165954)	2001	XP ₄₆	2001 12 09	704	LINEAR	(166006)	2002	AH ₉₁	2002 01 13	704	LINEAR
(165955)	2001	XO ₆₂	2001 12 14	691	Spacewatch	(166007)	2002	AY ₁₀₈	2002 01 09	704	LINEAR
(165956)	2001	XM ₆₈	2001 12 10	704	LINEAR	(166008)	2002	AL ₁₁₂	2002 01 09	704	LINEAR
(165957)	2001	XT ₈₇	2001 12 13	704	LINEAR	(166009)	2002	AS ₁₁₄	2002 01 09	704	LINEAR
(165958)	2001	XR ₁₀₃	2001 12 14	704	LINEAR	(166010)	2002	AL ₁₁₅	2002 01 09	704	LINEAR
(165959)	2001	XK ₁₁₁	2001 12 11	704	LINEAR	(166011)	2002	AS ₁₁₉	2002 01 09	704	LINEAR
(165960)	2001	XR ₁₅₇	2001 12 14	704	LINEAR	(166012)	2002	AU ₁₂₅	2002 01 11	704	LINEAR
(165961)	2001	XV ₁₆₄	2001 12 14	704	LINEAR	(166013)	2002	AD ₁₂₈	2002 01 13	704	LINEAR
(165962)	2001	XM ₁₆₈	2001 12 14	704	LINEAR	(166014)	2002	AQ ₁₃₈	2002 01 09	704	LINEAR
(165963)	2001	XS ₁₆₈	2001 12 14	704	LINEAR	(166015)	2002	AD ₁₄₃	2002 01 13	704	LINEAR
(165964)	2001	XT ₁₇₃	2001 12 14	704	LINEAR	(166016)	2002	AO ₁₄₃	2002 01 13	704	LINEAR
(165965)	2001	XT ₁₈₄	2001 12 14	704	LINEAR	(166017)	2002	AJ ₁₅₂	2002 01 14	704	LINEAR
(165966)	2001	XP ₁₉₀	2001 12 14	704	LINEAR	(166018)	2002	AN ₁₅₄	2002 01 14	704	LINEAR
(165967)	2001	XN ₁₉₉	2001 12 14	704	LINEAR	(166019)	2002	AN ₁₆₀	2002 01 13	704	LINEAR
(165968)	2001	XB ₂₁₀	2001 12 11	704	LINEAR	(166020)	2002	AZ ₁₆₂	2002 01 13	704	LINEAR
(165969)	2001	XN ₂₁₃	2001 12 11	704	LINEAR	(166021)	2002	AN ₁₆₃	2002 01 13	704	LINEAR
(165970)	2001	XH ₂₃₂	2001 12 15	704	LINEAR	(166022)	2002	AT ₁₆₃	2002 01 13	704	LINEAR
(165971)	2001	XL ₂₃₇	2001 12 15	704	LINEAR	(166023)	2002	AB ₁₇₁	2002 01 14	704	LINEAR
(165972)	2001	XE ₂₄₂	2001 12 14	704	LINEAR	(166024)	2002	AZ ₁₇₆	2002 01 14	704	LINEAR
(165973)	2001	XT ₂₅₁	2001 12 14	704	LINEAR	(166025)	2002	AE ₁₉₂	2002 01 12	644	NEAT
(165974)	2001	XP ₂₆₀	2001 12 10	704	LINEAR	(166026)	2002	AF ₁₉₂	2002 01 12	644	NEAT
(165975)	2001	YH ₄	2001 12 23	291	Spacewatch	(166027)	2002	AV ₂₀₂	2002 01 13	704	LINEAR
(165976)	2001	YP ₂₇	2001 12 18	704	LINEAR	(166028)	2002	AR ₂₀₄	2002 01 11	461	Sárneczky, K., Heiner, Z.
(165977)	2001	YO ₃₁	2001 12 18	704	LINEAR	(166029)	2002	BN ₈	2002 01 18	704	LINEAR
(165978)	2001	YL ₈₅	2001 12 18	704	LINEAR	(166030)	2002	BJ ₁₀	2002 01 18	704	LINEAR
(165979)	2001	YR ₈₈	2001 12 18	704	LINEAR	(166031)	2002	BP ₁₂	2002 01 20	691	Spacewatch
(165980)	2001	YZ ₈₉	2001 12 18	704	LINEAR	(166032)	2002	BA ₁₄	2002 01 19	704	LINEAR
(165981)	2001	YR ₉₀	2001 12 18	704	LINEAR	(166033)	2002	BZ ₁₆	2002 01 19	704	LINEAR
(165982)	2001	YM ₉₆	2001 12 18	644	NEAT	(166034)	2002	BG ₁₇	2002 01 19	704	LINEAR
(165983)	2001	YY ₉₉	2001 12 17	704	LINEAR	(166035)	2002	BC ₂₀	2002 01 22	704	LINEAR
(165984)	2001	YK ₁₀₉	2001 12 18	704	LINEAR	(166036)	2002	BH ₂₃	2002 01 23	704	LINEAR
(165985)	2001	YR ₁₁₄	2001 12 19	644	NEAT	(166037)	2002	BR ₂₅	2002 01 25	644	NEAT
(165986)	2001	YZ ₁₁₆	2001 12 18	704	LINEAR	(166038)	2002	BD ₃₁	2002 01 19	704	LINEAR
(165987)	2001	YJ ₁₂₇	2001 12 17	704	LINEAR	(166039)	2002	CZ ₂	2002 02 03	644	NEAT
(165988)	2001	YQ ₁₃₈	2001 12 18	291	Spacewatch	(166040)	2002	CE ₁₁	2002 02 06	333	Yeung, W. K. Y.
(165989)	2001	YE ₁₃₉	2001 12 23	291	Spacewatch	(166041)	2002	CJ ₁₁	2002 02 05	699	LONEOS
(165990)	2001	YO ₁₄₈	2001 12 18	704	LINEAR	(166042)	2002	CC ₁₂	2002 02 06	704	LINEAR
(165991)	2001	YL ₁₄₉	2001 12 19	644	NEAT	(166043)	2002	CN ₁₃	2002 02 08	333	Yeung, W. K. Y.
(165992)	2001	YY ₁₅₆	2001 12 17	704	LINEAR	(166044)	2002	CE ₁₄	2002 02 07	704	LINEAR
(165993)	2002	AN ₆	2002 01 09	732	Roe, J. M.	(166045)	2002	CJ ₁₇	2002 02 06	704	LINEAR
(165994)	2002	AO ₂₀	2002 01 06	608	NEAT	(166046)	2002	CL ₁₈	2002 02 06	704	LINEAR
(165995)	2002	AS ₂₃	2002 01 05	608	NEAT	(166047)	2002	CC ₂₁	2002 02 04	608	NEAT
(165996)	2002	AH ₃₀	2002 01 09	704	LINEAR	(166048)	2002	CH ₂₁	2002 02 05	644	NEAT
(165997)	2002	AP ₃₁	2002 01 09	704	LINEAR	(166049)	2002	CN ₂₁	2002 02 05	644	NEAT

(166050)	2002 CJ ₂₇	2002 02 06	704	LINEAR	(166102)	2002 CF ₁₆₀	2002 02 08	704	LINEAR
(166051)	2002 CM ₂₈	2002 02 06	704	LINEAR	(166103)	2002 CY ₁₆₈	2002 02 08	704	LINEAR
(166052)	2002 CW ₃₂	2002 02 06	704	LINEAR	(166104)	2002 CZ ₁₆₈	2002 02 08	704	LINEAR
(166053)	2002 CH ₃₉	2002 02 11	333	Yeung, W. K. Y.	(166105)	2002 CX ₁₆₉	2002 02 08	704	LINEAR
(166054)	2002 CX ₄₈	2002 02 03	608	NEAT	(166106)	2002 CH ₁₇₀	2002 02 08	704	LINEAR
(166055)	2002 CL ₄₉	2002 02 03	608	NEAT	(166107)	2002 CV ₁₇₁	2002 02 08	704	LINEAR
(166056)	2002 CR ₄₉	2002 02 03	608	NEAT	(166108)	2002 CB ₁₇₄	2002 02 08	704	LINEAR
(166057)	2002 CO ₅₁	2002 02 12	333	Yeung, W. K. Y.	(166109)	2002 CQ ₁₇₉	2002 02 10	704	LINEAR
(166058)	2002 CK ₅₂	2002 02 12	333	Yeung, W. K. Y.	(166110)	2002 CQ ₁₈₄	2002 02 10	704	LINEAR
(166059)	2002 CZ ₅₂	2002 02 07	704	LINEAR	(166111)	2002 CE ₁₈₅	2002 02 10	704	LINEAR
(166060)	2002 CE ₅₃	2002 02 07	704	LINEAR	(166112)	2002 CN ₁₉₅	2002 02 10	704	LINEAR
(166061)	2002 CJ ₅₄	2002 02 07	704	LINEAR	(166113)	2002 CG ₂₀₄	2002 02 10	704	LINEAR
(166062)	2002 CF ₆₀	2002 02 06	704	LINEAR	(166114)	2002 CH ₂₀₅	2002 02 10	704	LINEAR
(166063)	2002 CT ₆₀	2002 02 06	704	LINEAR	(166115)	2002 CO ₂₀₈	2002 02 10	704	LINEAR
(166064)	2002 CF ₆₂	2002 02 06	704	LINEAR	(166116)	2002 CJ ₂₁₄	2002 02 10	704	LINEAR
(166065)	2002 CU ₆₉	2002 02 07	704	LINEAR	(166117)	2002 CG ₂₁₅	2002 02 10	704	LINEAR
(166066)	2002 CF ₇₅	2002 02 07	704	LINEAR	(166118)	2002 CU ₂₁₆	2002 02 10	704	LINEAR
(166067)	2002 CK ₇₆	2002 02 07	704	LINEAR	(166119)	2002 CK ₂₂₀	2002 02 10	704	LINEAR
(166068)	2002 CW ₇₆	2002 02 07	704	LINEAR	(166120)	2002 CO ₂₂₀	2002 02 10	704	LINEAR
(166069)	2002 CJ ₇₉	2002 02 07	704	LINEAR	(166121)	2002 CA ₂₂₁	2002 02 10	704	LINEAR
(166070)	2002 CC ₈₀	2002 02 07	704	LINEAR	(166122)	2002 CO ₂₂₁	2002 02 10	704	LINEAR
(166071)	2002 CD ₈₀	2002 02 07	704	LINEAR	(166123)	2002 CF ₂₂₃	2002 02 11	704	LINEAR
(166072)	2002 CT ₈₁	2002 02 07	704	LINEAR	(166124)	2002 CW ₂₂₆	2002 02 06	644	NEAT
(166073)	2002 CZ ₈₆	2002 02 07	704	LINEAR	(166125)	2002 CT ₂₂₇	2002 02 06	644	NEAT
(166074)	2002 CH ₉₃	2002 02 07	704	LINEAR	(166126)	2002 CT ₂₂₈	2002 02 06	644	NEAT
(166075)	2002 CX ₉₅	2002 02 07	704	LINEAR	(166127)	2002 CJ ₂₃₄	2002 02 07	691	Spacewatch
(166076)	2002 CQ ₉₇	2002 02 07	704	LINEAR	(166128)	2002 CP ₂₃₆	2002 02 08	704	LINEAR
(166077)	2002 CX ₁₀₀	2002 02 07	704	LINEAR	(166129)	2002 CR ₂₃₆	2002 02 08	704	LINEAR
(166078)	2002 CS ₁₀₂	2002 02 07	704	LINEAR	(166130)	2002 CP ₂₄₂	2002 02 11	704	LINEAR
(166079)	2002 CW ₁₀₂	2002 02 07	704	LINEAR	(166131)	2002 CS ₂₅₁	2002 02 03	644	NEAT
(166080)	2002 CX ₁₀₂	2002 02 07	704	LINEAR	(166132)	2002 CD ₂₅₃	2002 02 03	608	NEAT
(166081)	2002 CR ₁₀₃	2002 02 07	704	LINEAR	(166133)	2002 CO ₂₆₀	2002 02 07	644	NEAT
(166082)	2002 CR ₁₀₆	2002 02 07	704	LINEAR	(166134)	2002 CR ₂₆₁	2002 02 07	608	NEAT
(166083)	2002 CF ₁₁₂	2002 02 07	704	LINEAR	(166135)	2002 CJ ₂₈₆	2002 02 10	704	LINEAR
(166084)	2002 CF ₁₁₇	2002 02 08	732	Roe, J. M.	(166136)	2002 CN ₂₉₆	2002 02 10	704	LINEAR
(166085)	2002 CU ₁₁₇	2002 02 12	333	Yeung, W. K. Y.	(166137)	2002 CW ₂₉₈	2002 02 11	704	LINEAR
(166086)	2002 CX ₁₁₇	2002 02 12	333	Yeung, W. K. Y.	(166138)	2002 CZ ₃₁₁	2002 02 15	704	LINEAR
(166087)	2002 CR ₁₂₃	2002 02 07	704	LINEAR	(166139)	2002 DZ	2002 02 16	344	Jeon, Y.-B., Lee, B.-C.
(166088)	2002 CF ₁₂₅	2002 02 07	704	LINEAR	(166140)	2002 DR ₁₀	2002 02 20	704	LINEAR
(166089)	2002 CH ₁₂₉	2002 02 07	704	LINEAR	(166141)	2002 DF ₁₅	2002 02 16	644	NEAT
(166090)	2002 CG ₁₃₀	2002 02 07	704	LINEAR	(166142)	2002 EZ	2002 03 05	704	LINEAR
(166091)	2002 CV ₁₃₂	2002 02 07	704	LINEAR	(166143)	2002 EC ₂	2002 03 09	344	Bohyunsan
(166092)	2002 CO ₁₃₇	2002 02 08	704	LINEAR	(166144)	2002 EO ₃	2002 03 07	209	Asiago-DLR Asteroid Survey
(166093)	2002 CV ₁₃₉	2002 02 08	704	LINEAR	(166145)	2002 EH ₅	2002 03 10	209	Asiago-DLR Asteroid Survey
(166094)	2002 CZ ₁₄₀	2002 02 08	704	LINEAR	(166146)	2002 EP ₁₂	2002 03 14	333	Yeung, W. K. Y.
(166095)	2002 CW ₁₄₂	2002 02 09	704	LINEAR	(166147)	2002 ED ₁₄	2002 03 05	644	NEAT
(166096)	2002 CJ ₁₄₄	2002 02 09	704	LINEAR	(166148)	2002 EU ₁₄	2002 03 05	291	Spacewatch
(166097)	2002 CU ₁₅₁	2002 02 10	704	LINEAR	(166149)	2002 EO ₁₅	2002 03 05	644	NEAT
(166098)	2002 CT ₁₅₃	2002 02 08	691	Spacewatch	(166150)	2002 EA ₁₆	2002 03 06	644	NEAT
(166099)	2002 CJ ₁₅₆	2002 02 06	704	LINEAR	(166151)	2002 EM ₂₀	2002 03 09	704	LINEAR
(166100)	2002 CK ₁₅₈	2002 02 07	704	LINEAR	(166152)	2002 EQ ₂₃	2002 03 05	691	Spacewatch
(166101)	2002 CV ₁₅₉	2002 02 08	704	LINEAR	(166153)	2002 ET ₂₄	2002 03 05	691	Spacewatch

(166154) 2002 EB ₂₈	2002 03 09	704	LINEAR	(166206) 2002 EL ₁₂₆	2002 03 12	704	LINEAR
(166155) 2002 EO ₂₈	2002 03 09	704	LINEAR	(166207) 2002 EW ₁₂₆	2002 03 12	704	LINEAR
(166156) 2002 EZ ₂₉	2002 03 09	704	LINEAR	(166208) 2002 EL ₁₂₈	2002 03 12	644	NEAT
(166157) 2002 EB ₃₁	2002 03 09	704	LINEAR	(166209) 2002 EL ₁₂₉	2002 03 13	704	LINEAR
(166158) 2002 EE ₃₁	2002 03 09	704	LINEAR	(166210) 2002 ER ₁₃₃	2002 03 13	644	NEAT
(166159) 2002 EV ₃₂	2002 03 11	644	NEAT	(166211) 2002 EP ₁₃₅	2002 03 14	699	LONEOS
(166160) 2002 EB ₃₃	2002 03 11	644	NEAT	(166212) 2002 EX ₁₃₉	2002 03 12	644	NEAT
(166161) 2002 EH ₃₅	2002 03 11	608	NEAT	(166213) 2002 EJ ₁₄₁	2002 03 12	644	NEAT
(166162) 2002 EK ₃₉	2002 03 09	704	LINEAR	(166214) 2002 EN ₁₄₄	2002 03 13	691	Spacewatch
(166163) 2002 ER ₃₉	2002 03 09	704	LINEAR	(166215) 2002 EL ₁₄₆	2002 03 14	644	NEAT
(166164) 2002 EV ₄₀	2002 03 09	704	LINEAR	(166216) 2002 EV ₁₄₆	2002 03 14	699	LONEOS
(166165) 2002 EV ₄₁	2002 03 12	704	LINEAR	(166217) 2002 ED ₁₄₈	2002 03 15	644	NEAT
(166166) 2002 EC ₄₃	2002 03 12	704	LINEAR	(166218) 2002 EF ₁₄₉	2002 03 15	644	NEAT
(166167) 2002 EY ₄₄	2002 03 10	608	NEAT	(166219) 2002 EU ₁₅₀	2002 03 15	644	NEAT
(166168) 2002 EC ₄₇	2002 03 12	644	NEAT	(166220) 2002 EE ₁₅₃	2002 03 15	644	NEAT
(166169) 2002 EF ₄₉	2002 03 12	644	NEAT	(166221) 2002 EC ₁₅₅	2002 03 13	704	LINEAR
(166170) 2002 EP ₅₂	2002 03 09	704	LINEAR	(166222) 2002 FY ₃	2002 03 20	333	Yeung, W. K. Y.
(166171) 2002 ES ₅₃	2002 03 13	704	LINEAR	(166223) 2002 FP ₆	2002 03 23	926	Tenagra II
(166172) 2002 EF ₅₅	2002 03 12	704	LINEAR	(166224) 2002 FH ₉	2002 03 16	704	LINEAR
(166173) 2002 EO ₅₅	2002 03 13	704	LINEAR	(166225) 2002 FP ₉	2002 03 16	704	LINEAR
(166174) 2002 EO ₅₇	2002 03 13	704	LINEAR	(166226) 2002 FF ₁₁	2002 03 16	608	NEAT
(166175) 2002 EE ₅₉	2002 03 13	704	LINEAR	(166227) 2002 FQ ₁₁	2002 03 16	704	LINEAR
(166176) 2002 EC ₆₁	2002 03 13	704	LINEAR	(166228) 2002 FY ₁₂	2002 03 16	704	LINEAR
(166177) 2002 EA ₆₄	2002 03 13	704	LINEAR	(166229) 2002 FS ₁₆	2002 03 17	152	Moletai
(166178) 2002 EE ₆₆	2002 03 13	704	LINEAR	(166230) 2002 FB ₁₇	2002 03 17	691	Spacewatch
(166179) 2002 ED ₆₈	2002 03 13	704	LINEAR	(166231) 2002 FX ₁₉	2002 03 18	691	Spacewatch
(166180) 2002 EH ₆₈	2002 03 13	704	LINEAR	(166232) 2002 FR ₂₁	2002 03 19	699	LONEOS
(166181) 2002 EW ₆₉	2002 03 13	704	LINEAR	(166233) 2002 FL ₂₆	2002 03 20	644	NEAT
(166182) 2002 EN ₇₂	2002 03 13	704	LINEAR	(166234) 2002 FA ₂₈	2002 03 20	699	LONEOS
(166183) 2002 EY ₇₂	2002 03 13	704	LINEAR	(166235) 2002 FP ₂₉	2002 03 20	704	LINEAR
(166184) 2002 EA ₈₃	2002 03 13	644	NEAT	(166236) 2002 FM ₃₃	2002 03 20	704	LINEAR
(166185) 2002 EE ₈₃	2002 03 13	644	NEAT	(166237) 2002 FN ₃₃	2002 03 20	704	LINEAR
(166186) 2002 EQ ₈₃	2002 03 09	704	LINEAR	(166238) 2002 FU ₃₃	2002 03 20	704	LINEAR
(166187) 2002 EY ₈₅	2002 03 09	704	LINEAR	(166239) 2002 FO ₃₇	2002 03 31	644	NEAT
(166188) 2002 EF ₈₆	2002 03 09	704	LINEAR	(166240) 2002 FP ₃₉	2002 03 16	704	LINEAR
(166189) 2002 EX ₈₉	2002 03 12	704	LINEAR	(166241) 2002 GF ₁₂	2002 04 15	333	Yeung, W. K. Y.
(166190) 2002 EL ₉₁	2002 03 12	704	LINEAR	(166242) 2002 GL ₁₂	2002 04 15	644	NEAT
(166191) 2002 EP ₉₁	2002 03 12	704	LINEAR	(166243) 2002 GL ₁₃	2002 04 14	704	LINEAR
(166192) 2002 EW ₉₁	2002 03 13	704	LINEAR	(166244) 2002 GD ₁₄	2002 04 14	704	LINEAR
(166193) 2002 EO ₉₃	2002 03 14	704	LINEAR	(166245) 2002 GG ₁₆	2002 04 15	704	LINEAR
(166194) 2002 EQ ₉₃	2002 03 14	704	LINEAR	(166246) 2002 GR ₁₆	2002 04 15	704	LINEAR
(166195) 2002 EM ₉₅	2002 03 14	704	LINEAR	(166247) 2002 GB ₂₀	2002 04 14	704	LINEAR
(166196) 2002 EY ₉₆	2002 03 11	691	Spacewatch	(166248) 2002 GZ ₂₀	2002 04 14	704	LINEAR
(166197) 2002 EE ₁₀₃	2002 03 09	644	NEAT	(166249) 2002 GB ₂₁	2002 04 14	704	LINEAR
(166198) 2002 EK ₁₀₉	2002 03 09	691	Spacewatch	(166250) 2002 GG ₂₃	2002 04 15	644	NEAT
(166199) 2002 EY ₁₁₁	2002 03 09	291	Spacewatch	(166251) 2002 GU ₂₃	2002 04 15	644	NEAT
(166200) 2002 ES ₁₁₈	2002 03 10	644	NEAT	(166252) 2002 GJ ₂₅	2002 04 13	691	Spacewatch
(166201) 2002 EL ₁₂₁	2002 03 11	691	Spacewatch	(166253) 2002 GD ₂₇	2002 04 15	691	Spacewatch
(166202) 2002 ER ₁₂₃	2002 03 12	644	NEAT	(166254) 2002 GO ₃₃	2002 04 01	644	NEAT
(166203) 2002 ES ₁₂₃	2002 03 12	704	LINEAR	(166255) 2002 GF ₄₂	2002 04 04	644	NEAT
(166204) 2002 EV ₁₂₄	2002 03 12	644	NEAT	(166256) 2002 GV ₄₄	2002 04 04	644	NEAT
(166205) 2002 EA ₁₂₆	2002 03 12	291	Spacewatch	(166257) 2002 GC ₅₅	2002 04 05	699	LONEOS

(166258)	2002 GY ₆₀	2002 04 08	644	NEAT	(166310)	2002 JU ₃₆	2002 05 07	699	LONEOS
(166259)	2002 GE ₆₂	2002 04 08	644	NEAT	(166311)	2002 JX ₃₆	2002 05 07	699	LONEOS
(166260)	2002 GF ₆₅	2002 04 08	691	Spacewatch	(166312)	2002 JY ₄₃	2002 05 09	704	LINEAR
(166261)	2002 GN ₆₅	2002 04 08	691	Spacewatch	(166313)	2002 JM ₄₅	2002 05 09	704	LINEAR
(166262)	2002 GK ₆₈	2002 04 08	704	LINEAR	(166314)	2002 JW ₄₉	2002 05 09	704	LINEAR
(166263)	2002 GW ₆₉	2002 04 08	644	NEAT	(166315)	2002 JS ₅₁	2002 05 09	704	LINEAR
(166264)	2002 GL ₇₄	2002 04 09	704	LINEAR	(166316)	2002 JX ₅₁	2002 05 09	704	LINEAR
(166265)	2002 GM ₈₃	2002 04 10	704	LINEAR	(166317)	2002 JY ₅₁	2002 05 09	704	LINEAR
(166266)	2002 GO ₈₄	2002 04 10	704	LINEAR	(166318)	2002 JR ₅₃	2002 05 09	704	LINEAR
(166267)	2002 GW ₈₇	2002 04 10	704	LINEAR	(166319)	2002 JZ ₆₁	2002 05 08	704	LINEAR
(166268)	2002 GQ ₈₉	2002 04 08	644	NEAT	(166320)	2002 JZ ₆₅	2002 05 09	704	LINEAR
(166269)	2002 GY ₈₉	2002 04 08	691	Spacewatch	(166321)	2002 JT ₆₆	2002 05 10	704	LINEAR
(166270)	2002 GG ₉₀	2002 04 08	691	Spacewatch	(166322)	2002 JP ₇₅	2002 05 09	704	LINEAR
(166271)	2002 GT ₉₀	2002 04 08	644	NEAT	(166323)	2002 JZ ₇₆	2002 05 11	704	LINEAR
(166272)	2002 GB ₉₄	2002 04 09	704	LINEAR	(166324)	2002 JW ₇₉	2002 05 11	704	LINEAR
(166273)	2002 GH ₉₄	2002 04 09	704	LINEAR	(166325)	2002 JO ₈₃	2002 05 11	704	LINEAR
(166274)	2002 GJ ₉₄	2002 04 09	704	LINEAR	(166326)	2002 JK ₈₇	2002 05 11	704	LINEAR
(166275)	2002 GS ₉₄	2002 04 09	704	LINEAR	(166327)	2002 JU ₈₈	2002 05 11	704	LINEAR
(166276)	2002 GN ₉₅	2002 04 09	704	LINEAR	(166328)	2002 JX ₈₉	2002 05 11	704	LINEAR
(166277)	2002 GM ₉₆	2002 04 09	704	LINEAR	(166329)	2002 JW ₉₀	2002 05 11	704	LINEAR
(166278)	2002 GQ ₉₆	2002 04 09	704	LINEAR	(166330)	2002 JU ₉₃	2002 05 11	704	LINEAR
(166279)	2002 GM ₉₉	2002 04 10	704	LINEAR	(166331)	2002 JF ₉₄	2002 05 11	704	LINEAR
(166280)	2002 GE ₁₁₁	2002 04 10	704	LINEAR	(166332)	2002 JB ₉₅	2002 05 11	704	LINEAR
(166281)	2002 GQ ₁₁₈	2002 04 12	644	NEAT	(166333)	2002 JH ₉₅	2002 05 11	704	LINEAR
(166282)	2002 GU ₁₂₃	2002 04 11	704	LINEAR	(166334)	2002 JN ₁₀₇	2002 05 12	644	NEAT
(166283)	2002 GA ₁₂₅	2002 04 12	704	LINEAR	(166335)	2002 JR ₁₀₈	2002 05 06	704	LINEAR
(166284)	2002 GM ₁₂₅	2002 04 12	704	LINEAR	(166336)	2002 JN ₁₂₁	2002 05 05	644	NEAT
(166285)	2002 GY ₁₂₇	2002 04 12	704	LINEAR	(166337)	2002 JZ ₁₂₄	2002 05 06	644	NEAT
(166286)	2002 GB ₁₅₃	2002 04 12	704	LINEAR	(166338)	2002 JH ₁₂₅	2002 05 07	644	NEAT
(166287)	2002 GQ ₁₅₃	2002 04 12	608	NEAT	(166339)	2002 JX ₁₂₅	2002 05 07	644	NEAT
(166288)	2002 GM ₁₆₀	2002 04 15	644	NEAT	(166340)	2002 JQ ₁₂₉	2002 05 08	704	LINEAR
(166289)	2002 GH ₁₆₃	2002 04 14	644	NEAT	(166341)	2002 JV ₁₂₉	2002 05 08	704	LINEAR
(166290)	2002 HK ₄	2002 04 16	704	LINEAR	(166342)	2002 JV ₁₃₂	2002 05 09	704	LINEAR
(166291)	2002 HE ₁₀	2002 04 17	704	LINEAR	(166343)	2002 JB ₁₃₅	2002 05 09	644	NEAT
(166292)	2002 HA ₁₆	2002 04 17	704	LINEAR	(166344)	2002 JL ₁₃₉	2002 05 10	644	NEAT
(166293)	2002 HB ₁₆	2002 04 18	691	Spacewatch	(166345)	2002 JU ₁₄₄	2002 05 13	644	NEAT
(166294)	2002 HJ ₁₆	2002 04 18	691	Spacewatch	(166346)	2002 JN ₁₄₅	2002 05 14	644	NEAT
(166295)	2002 JL ₁	2002 05 03	291	Spacewatch	(166347)	2002 KQ ₁	2002 05 17	644	NEAT
(166296)	2002 JP ₃	2002 05 03	699	LONEOS	(166348)	2002 KD ₂	2002 05 18	644	NEAT
(166297)	2002 JC ₅	2002 05 05	333	Yeung, W. K. Y.	(166349)	2002 KO ₃	2002 05 19	735	Needville
(166298)	2002 JL ₆	2002 05 06	291	Spacewatch	(166350)	2002 KH ₅	2002 05 16	704	LINEAR
(166299)	2002 JN ₈	2002 05 06	644	NEAT	(166351)	2002 KP ₇	2002 05 28	644	NEAT
(166300)	2002 JG ₁₂	2002 05 04	333	Yeung, W. K. Y.	(166352)	2002 KN ₉	2002 05 27	644	NEAT
(166301)	2002 JJ ₁₃	2002 05 08	333	Yeung, W. K. Y.	(166353)	2002 KB ₁₀	2002 05 16	704	LINEAR
(166302)	2002 JV ₁₄	2002 05 08	704	LINEAR	(166354)	2002 KC ₁₀	2002 05 16	704	LINEAR
(166303)	2002 JX ₁₅	2002 05 05	333	Yeung, W. K. Y.	(166355)	2002 KW ₁₀	2002 05 16	704	LINEAR
(166304)	2002 JU ₁₆	2002 05 06	644	NEAT	(166356)	2002 KD ₁₄	2002 05 30	644	NEAT
(166305)	2002 JX ₂₂	2002 05 08	704	LINEAR	(166357)	2002 LW ₃	2002 06 05	704	LINEAR
(166306)	2002 JT ₂₅	2002 05 08	704	LINEAR	(166358)	2002 LZ ₆	2002 06 01	644	NEAT
(166307)	2002 JA ₂₆	2002 05 08	704	LINEAR	(166359)	2002 LJ ₁₅	2002 06 06	704	LINEAR
(166308)	2002 JQ ₂₇	2002 05 08	704	LINEAR	(166360)	2002 LR ₁₅	2002 06 06	704	LINEAR
(166309)	2002 JQ ₃₃	2002 05 09	704	LINEAR	(166361)	2002 LO ₁₆	2002 06 06	704	LINEAR

(166362)	2002 LF ₁₇	2002 06 06	704	LINEAR
(166363)	2002 LL ₂₂	2002 06 08	704	LINEAR
(166364)	2002 LY ₂₄	2002 06 02	644	NEAT
(166365)	2002 LZ ₂₄	2002 06 02	644	NEAT
(166366)	2002 LH ₂₅	2002 06 03	704	LINEAR
(166367)	2002 LF ₂₆	2002 06 06	704	LINEAR
(166368)	2002 LC ₂₇	2002 06 07	704	LINEAR
(166369)	2002 LM ₂₈	2002 06 09	704	LINEAR
(166370)	2002 LG ₂₉	2002 06 09	704	LINEAR
(166371)	2002 LL ₃₁	2002 06 10	428	Broughton, J.
(166372)	2002 LO ₃₂	2002 06 11	678	Juels, C. W., Holvorcem, P. R.
(166373)	2002 LX ₃₂	2002 06 03	704	LINEAR
(166374)	2002 LG ₃₆	2002 06 09	704	LINEAR
(166375)	2002 LS ₃₉	2002 06 10	704	LINEAR
(166376)	2002 LU ₄₂	2002 06 10	704	LINEAR
(166377)	2002 LC ₄₃	2002 06 10	704	LINEAR
(166378)	2002 LX ₄₃	2002 06 10	704	LINEAR
(166379)	2002 LF ₄₆	2002 06 11	704	LINEAR
(166380)	2002 LG ₄₆	2002 06 11	704	LINEAR
(166381)	2002 LT ₄₆	2002 06 12	704	LINEAR
(166382)	2002 LA ₅₀	2002 06 08	704	LINEAR
(166383)	2002 LN ₅₀	2002 06 06	704	LINEAR
(166384)	2002 LS ₅₇	2002 06 11	644	NEAT
(166385)	2002 MX ₂	2002 06 24	608	NEAT
(166386)	2002 NO ₄	2002 07 08	246	Kleť
(166387)	2002 NU ₄	2002 07 10	599	CINEOS
(166388)	2002 NC ₅	2002 07 10	599	CINEOS
(166389)	2002 NK ₈	2002 07 09	704	LINEAR
(166390)	2002 NE ₉	2002 07 01	644	NEAT
(166391)	2002 NA ₁₀	2002 07 03	644	NEAT
(166392)	2002 ND ₁₃	2002 07 04	644	NEAT
(166393)	2002 NM ₁₄	2002 07 03	644	NEAT
(166394)	2002 NB ₁₅	2002 07 05	704	LINEAR
(166395)	2002 NW ₁₇	2002 07 09	704	LINEAR
(166396)	2002 NA ₂₁	2002 07 09	704	LINEAR
(166397)	2002 NG ₂₁	2002 07 09	704	LINEAR
(166398)	2002 NX ₂₂	2002 07 09	704	LINEAR
(166399)	2002 NY ₂₂	2002 07 09	704	LINEAR
(166400)	2002 NS ₂₃	2002 07 09	704	LINEAR
(166401)	2002 NG ₂₄	2002 07 09	704	LINEAR
(166402)	2002 NV ₂₉	2002 07 04	291	Spacewatch
(166403)	2002 NQ ₃₁	2002 07 09	644	NEAT
(166404)	2002 NP ₄₁	2002 07 14	644	NEAT
(166405)	2002 NB ₄₅	2002 07 12	644	NEAT
(166406)	2002 NZ ₅₁	2002 07 14	704	LINEAR
(166407)	2002 NC ₅₃	2002 07 14	644	NEAT
(166408)	2002 NU ₆₁	2002 07 04	644	NEAT
(166409)	2002 OP	2002 07 17	704	LINEAR
(166410)	2002 OT ₁	2002 07 17	704	LINEAR
(166411)	2002 OV ₁	2002 07 17	704	LINEAR
(166412)	2002 OL ₂	2002 07 17	704	LINEAR
(166413)	2002 OG ₆	2002 07 20	644	NEAT

(166414)	2002 OF ₁₆	2002 07 18	704	LINEAR
(166415)	2002 OQ ₁₆	2002 07 18	704	LINEAR
(166416)	2002 OY ₁₆	2002 07 18	704	LINEAR
(166417)	2002 OO ₁₇	2002 07 18	704	LINEAR
(166418)	2002 OP ₁₈	2002 07 18	704	LINEAR
(166419)	2002 OA ₂₅	2002 07 29	644	Hoenig, S. F.
(166420)	2002 OH ₂₆	2002 07 23	644	NEAT
(166421)	2002 OB ₂₇	2002 07 22	644	NEAT
(166422)	2002 PS ₁	2002 08 05	843	Ball, L.
(166423)	2002 PZ ₁	2002 08 05	428	Broughton, J.
(166424)	2002 PX ₇	2002 08 03	644	NEAT
(166425)	2002 PE ₈	2002 08 04	644	NEAT
(166426)	2002 PZ ₉	2002 08 05	644	NEAT
(166427)	2002 PZ ₁₅	2002 08 06	644	NEAT
(166428)	2002 PY ₂₂	2002 08 06	644	NEAT
(166429)	2002 PJ ₂₃	2002 08 06	644	NEAT
(166430)	2002 PS ₂₃	2002 08 06	644	NEAT
(166431)	2002 PF ₂₄	2002 08 06	644	NEAT
(166432)	2002 PG ₂₄	2002 08 06	644	NEAT
(166433)	2002 PX ₃₀	2002 08 06	644	NEAT
(166434)	2002 PD ₃₁	2002 08 06	644	NEAT
(166435)	2002 PY ₃₂	2002 08 06	644	NEAT
(166436)	2002 PA ₃₃	2002 08 06	644	NEAT
(166437)	2002 PE ₃₃	2002 08 05	599	CINEOS
(166438)	2002 PD ₃₄	2002 08 06	599	CINEOS
(166439)	2002 PP ₃₅	2002 08 06	644	NEAT
(166440)	2002 PH ₄₃	2002 08 08	644	NEAT
(166441)	2002 PA ₅₁	2002 08 07	644	NEAT
(166442)	2002 PR ₅₁	2002 08 08	644	NEAT
(166443)	2002 PE ₅₂	2002 08 08	644	NEAT
(166444)	2002 PJ ₅₄	2002 08 11	735	Needville
(166445)	2002 PR ₅₅	2002 08 09	704	LINEAR
(166446)	2002 PF ₅₈	2002 08 10	704	LINEAR
(166447)	2002 PO ₅₈	2002 08 10	704	LINEAR
(166448)	2002 PU ₆₉	2002 08 11	704	LINEAR
(166449)	2002 PD ₇₀	2002 08 11	704	LINEAR
(166450)	2002 PP ₇₂	2002 08 12	704	LINEAR
(166451)	2002 PT ₇₂	2002 08 12	704	LINEAR
(166452)	2002 PF ₇₄	2002 08 12	704	LINEAR
(166453)	2002 PV ₇₅	2002 08 08	644	NEAT
(166454)	2002 PC ₇₆	2002 08 08	644	NEAT
(166455)	2002 PG ₇₇	2002 08 11	644	NEAT
(166456)	2002 PQ ₇₇	2002 08 11	608	NEAT
(166457)	2002 PR ₈₀	2002 08 11	644	NEAT
(166458)	2002 PA ₈₂	2002 08 09	704	LINEAR
(166459)	2002 PL ₈₉	2002 08 11	704	LINEAR
(166460)	2002 PC ₉₀	2002 08 11	704	LINEAR
(166461)	2002 PL ₉₀	2002 08 11	704	LINEAR
(166462)	2002 PX ₉₂	2002 08 14	644	NEAT
(166463)	2002 PH ₉₃	2002 08 14	644	NEAT
(166464)	2002 PQ ₉₆	2002 08 14	704	LINEAR
(166465)	2002 PH ₉₈	2002 08 14	704	LINEAR

(166466) 2002 PJ ₉₉	2002 08 14	704	LINEAR	(166518) 2002 QR ₇₂	2002 08 19	644	NEAT
(166467) 2002 PR ₁₀₀	2002 08 11	644	NEAT	(166519) 2002 QR ₇₅	2002 08 18	644	NEAT
(166468) 2002 PP ₁₀₁	2002 08 12	704	LINEAR	(166520) 2002 QY ₇₆	2002 08 16	644	NEAT
(166469) 2002 PV ₁₀₇	2002 08 13	704	LINEAR	(166521) 2002 QE ₇₇	2002 08 18	644	NEAT
(166470) 2002 PW ₁₀₈	2002 08 13	704	LINEAR	(166522) 2002 QE ₈₇	2002 08 19	644	NEAT
(166471) 2002 PE ₁₀₉	2002 08 13	704	LINEAR	(166523) 2002 QG ₁₀₁	2002 08 18	644	NEAT
(166472) 2002 PG ₁₁₆	2002 08 13	704	LINEAR	(166524) 2002 QL ₁₀₁	2002 08 19	644	NEAT
(166473) 2002 PL ₁₁₇	2002 08 15	704	LINEAR	(166525) 2002 QB ₁₀₉	2002 08 17	644	NEAT
(166474) 2002 PD ₁₁₉	2002 08 13	699	LONEOS	(166526) 2002 RK	2002 09 02	557	Kušnirák, P., Pravec, P.
(166475) 2002 PW ₁₁₉	2002 08 13	699	LONEOS	(166527) 2002 RN ₃	2002 09 01	644	NEAT
(166476) 2002 PM ₁₂₁	2002 08 13	699	LONEOS	(166528) 2002 RV ₃	2002 09 01	049	Uppsala-DLR Asteroid Survey
(166477) 2002 PD ₁₂₈	2002 08 14	704	LINEAR	(166529) 2002 RB ₈	2002 09 03	608	NEAT
(166478) 2002 PV ₁₂₈	2002 08 14	704	LINEAR	(166530) 2002 RY ₈	2002 09 04	644	NEAT
(166479) 2002 PX ₁₃₁	2002 08 13	291	Spacewatch	(166531) 2002 RL ₁₀	2002 09 04	644	NEAT
(166480) 2002 PZ ₁₃₁	2002 08 13	699	LONEOS	(166532) 2002 RN ₁₁	2002 09 04	460	Clingan, R.
(166481) 2002 PP ₁₃₆	2002 08 15	699	LONEOS	(166533) 2002 RP ₁₆	2002 09 04	699	LONEOS
(166482) 2002 PY ₁₃₇	2002 08 15	704	LINEAR	(166534) 2002 RT ₂₀	2002 09 04	699	LONEOS
(166483) 2002 PC ₁₃₈	2002 08 15	291	Spacewatch	(166535) 2002 RU ₂₁	2002 09 04	699	LONEOS
(166484) 2002 PT ₁₃₈	2002 08 11	608	NEAT	(166536) 2002 RX ₂₃	2002 09 04	699	LONEOS
(166485) 2002 PA ₁₄₁	2002 08 14	413	McNaught, R. H.	(166537) 2002 RO ₂₇	2002 09 04	557	Kušnirák, P.
(166486) 2002 PM ₁₅₀	2002 08 06	644	NEAT	(166538) 2002 RU ₃₀	2002 09 04	699	LONEOS
(166487) 2002 PG ₁₅₇	2002 08 08	644	Hoenig, S. F.	(166539) 2002 RH ₃₂	2002 09 04	699	LONEOS
(166488) 2002 PO ₁₅₈	2002 08 08	644	Hoenig, S. F.	(166540) 2002 RF ₃₄	2002 09 04	699	LONEOS
(166489) 2002 PS ₁₅₈	2002 08 08	644	Hoenig, S. F.	(166541) 2002 RM ₃₇	2002 09 05	699	LONEOS
(166490) 2002 PH ₁₅₉	2002 08 08	644	Hoenig, S. F.	(166542) 2002 RU ₄₀	2002 09 05	704	LINEAR
(166491) 2002 PQ ₁₆₁	2002 08 08	644	Hoenig, S. F.	(166543) 2002 RR ₄₁	2002 09 05	704	LINEAR
(166492) 2002 PX ₁₆₂	2002 08 08	644	Hoenig, S. F.	(166544) 2002 RL ₄₅	2002 09 05	704	LINEAR
(166493) 2002 PV ₁₆₈	2002 08 08	644	NEAT	(166545) 2002 RJ ₅₂	2002 09 05	704	LINEAR
(166494) 2002 PT ₁₇₁	2002 08 08	644	NEAT	(166546) 2002 RJ ₅₆	2002 09 05	699	LONEOS
(166495) 2002 PH ₁₇₂	2002 08 08	644	NEAT	(166547) 2002 RL ₅₇	2002 09 05	699	LONEOS
(166496) 2002 PV ₁₇₂	2002 08 11	644	NEAT	(166548) 2002 RF ₅₈	2002 09 05	699	LONEOS
(166497) 2002 QB ₅	2002 08 16	644	NEAT	(166549) 2002 RT ₆₀	2002 09 05	699	LONEOS
(166498) 2002 QT ₈	2002 08 19	644	NEAT	(166550) 2002 RW ₆₆	2002 09 03	644	NEAT
(166499) 2002 QB ₁₃	2002 08 26	644	NEAT	(166551) 2002 RH ₆₈	2002 09 04	699	LONEOS
(166500) 2002 QD ₁₇	2002 08 27	644	NEAT	(166552) 2002 RY ₇₃	2002 09 05	704	LINEAR
(166501) 2002 QM ₁₉	2002 08 26	644	NEAT	(166553) 2002 RL ₈₆	2002 09 05	704	LINEAR
(166502) 2002 QO ₁₉	2002 08 26	644	NEAT	(166554) 2002 RP ₈₈	2002 09 05	704	LINEAR
(166503) 2002 QS ₁₉	2002 08 27	644	NEAT	(166555) 2002 RY ₈₉	2002 09 05	704	LINEAR
(166504) 2002 QY ₂₀	2002 08 28	644	NEAT	(166556) 2002 RC ₉₄	2002 09 05	704	LINEAR
(166505) 2002 QU ₂₂	2002 08 27	644	NEAT	(166557) 2002 RH ₉₇	2002 09 05	699	LONEOS
(166506) 2002 QD ₃₃	2002 08 29	644	NEAT	(166558) 2002 RB ₉₉	2002 09 05	704	LINEAR
(166507) 2002 QV ₃₃	2002 08 29	644	NEAT	(166559) 2002 RE ₁₀₀	2002 09 05	704	LINEAR
(166508) 2002 QD ₃₅	2002 08 29	644	NEAT	(166560) 2002 RP ₁₀₂	2002 09 05	704	LINEAR
(166509) 2002 QO ₃₅	2002 08 29	644	NEAT	(166561) 2002 RY ₁₀₃	2002 09 05	704	LINEAR
(166510) 2002 QR ₃₅	2002 08 29	644	NEAT	(166562) 2002 RL ₁₀₄	2002 09 05	704	LINEAR
(166511) 2002 QB ₄₁	2002 08 29	644	NEAT	(166563) 2002 RS ₁₀₄	2002 09 05	704	LINEAR
(166512) 2002 QL ₄₂	2002 08 30	644	NEAT	(166564) 2002 RB ₁₀₇	2002 09 05	704	LINEAR
(166513) 2002 QS ₄₅	2002 08 31	291	Spacewatch	(166565) 2002 RE ₁₀₉	2002 09 06	704	LINEAR
(166514) 2002 QZ ₅₆	2002 08 29	644	Hoenig, S. F.	(166566) 2002 RQ ₁₁₀	2002 09 06	704	LINEAR
(166515) 2002 QY ₆₁	2002 08 28	644	NEAT	(166567) 2002 RF ₁₁₃	2002 09 05	699	LONEOS
(166516) 2002 QF ₆₂	2002 08 27	644	NEAT	(166568) 2002 RH ₁₁₄	2002 09 05	704	LINEAR
(166517) 2002 QO ₆₅	2002 08 17	644	NEAT	(166569) 2002 RH ₁₁₅	2002 09 06	704	LINEAR

(166570)	2002 RG ₁₁₈	2002 09 08	246	Kleť
(166571)	2002 RF ₁₂₀	2002 09 03	599	CINEOS
(166572)	2002 RU ₁₂₀	2002 09 07	704	LINEAR
(166573)	2002 RE ₁₂₃	2002 09 08	608	NEAT
(166574)	2002 RD ₁₂₇	2002 09 10	644	NEAT
(166575)	2002 RV ₁₂₇	2002 09 10	644	NEAT
(166576)	2002 RA ₁₂₉	2002 09 10	608	NEAT
(166577)	2002 RO ₁₃₄	2002 09 10	644	NEAT
(166578)	2002 RR ₁₃₄	2002 09 10	644	NEAT
(166579)	2002 RR ₁₃₅	2002 09 10	644	NEAT
(166580)	2002 RK ₁₃₆	2002 09 11	608	NEAT
(166581)	2002 RX ₁₄₀	2002 09 10	644	NEAT
(166582)	2002 RP ₁₄₉	2002 09 11	608	NEAT
(166583)	2002 RB ₁₅₀	2002 09 11	608	NEAT
(166584)	2002 RB ₁₅₆	2002 09 11	644	NEAT
(166585)	2002 RP ₁₅₈	2002 09 11	644	NEAT
(166586)	2002 RO ₁₆₀	2002 09 12	644	NEAT
(166587)	2002 RS ₁₆₀	2002 09 12	644	NEAT
(166588)	2002 RY ₁₆₁	2002 09 12	644	NEAT
(166589)	2002 RG ₁₆₅	2002 09 12	644	NEAT
(166590)	2002 RV ₁₆₇	2002 09 13	644	NEAT
(166591)	2002 RZ ₁₆₇	2002 09 13	644	NEAT
(166592)	2002 RS ₁₇₁	2002 09 13	704	LINEAR
(166593)	2002 RO ₁₇₃	2002 09 13	291	Spacewatch
(166594)	2002 RQ ₁₇₃	2002 09 13	291	Spacewatch
(166595)	2002 RE ₁₇₉	2002 09 14	291	Spacewatch
(166596)	2002 RG ₁₇₉	2002 09 14	291	Spacewatch
(166597)	2002 RA ₁₈₄	2002 09 12	644	NEAT
(166598)	2002 RW ₁₉₆	2002 09 12	608	NEAT
(166599)	2002 RY ₁₉₉	2002 09 13	644	NEAT
(166600)	2002 RZ ₂₀₆	2002 09 14	644	NEAT
(166601)	2002 RR ₂₀₈	2002 09 13	291	Spacewatch
(166602)	2002 RO ₂₀₉	2002 09 14	608	NEAT
(166603)	2002 RY ₂₁₂	2002 09 12	644	NEAT
(166604)	2002 RJ ₂₁₇	2002 09 14	644	NEAT
(166605)	2002 RK ₂₂₀	2002 09 15	644	NEAT
(166606)	2002 RQ ₂₂₇	2002 09 14	644	NEAT
(166607)	2002 RF ₂₂₉	2002 09 14	608	NEAT
(166608)	2002 RS ₂₃₁	2002 09 14	644	NEAT
(166609)	2002 RF ₂₃₂	2002 09 10	673	Wrightwood
(166610)	2002 RC ₂₃₄	2002 09 14	644	Matson, R.
(166611)	2002 RT ₂₃₉	2002 09 01	644	Hoenig, S. F.
(166612)	2002 RZ ₂₄₃	2002 09 14	644	NEAT
(166613)	2002 RA ₂₄₄	2002 09 14	644	NEAT
(166614)	2002 RG ₂₅₀	2002 09 01	644	NEAT
(166615)	2002 RZ ₂₆₈	2002 09 04	644	NEAT
(166616)	2002 RE ₂₇₅	2002 09 04	644	NEAT
(166617)	2002 SN ₂	2002 09 26	644	NEAT
(166618)	2002 SF ₅	2002 09 27	644	NEAT
(166619)	2002 SA ₇	2002 09 27	644	NEAT
(166620)	2002 SG ₇	2002 09 27	644	NEAT
(166621)	2002 SQ ₁₀	2002 09 27	644	NEAT

(166622)	2002 SR ₁₅	2002 09 27	644	NEAT
(166623)	2002 SQ ₁₇	2002 09 26	644	NEAT
(166624)	2002 SU ₁₇	2002 09 26	644	NEAT
(166625)	2002 SM ₂₀	2002 09 26	644	NEAT
(166626)	2002 SL ₂₁	2002 09 26	644	NEAT
(166627)	2002 SO ₂₁	2002 09 26	644	NEAT
(166628)	2002 SS ₂₂	2002 09 26	608	NEAT
(166629)	2002 SN ₂₄	2002 09 28	644	NEAT
(166630)	2002 SW ₂₅	2002 09 28	608	NEAT
(166631)	2002 SB ₂₆	2002 09 28	608	NEAT
(166632)	2002 SP ₃₀	2002 09 28	608	NEAT
(166633)	2002 SB ₃₂	2002 09 28	608	NEAT
(166634)	2002 SR ₃₂	2002 09 28	608	NEAT
(166635)	2002 SD ₃₄	2002 09 29	608	NEAT
(166636)	2002 SZ ₃₈	2002 09 30	704	LINEAR
(166637)	2002 SU ₄₀	2002 09 30	608	NEAT
(166638)	2002 SJ ₄₆	2002 09 29	608	NEAT
(166639)	2002 SK ₄₆	2002 09 29	608	NEAT
(166640)	2002 SV ₄₉	2002 09 30	704	LINEAR
(166641)	2002 SF ₅₅	2002 09 30	704	LINEAR
(166642)	2002 SF ₅₆	2002 09 30	704	LINEAR
(166643)	2002 SN ₅₆	2002 09 30	704	LINEAR
(166644)	2002 SW ₅₈	2002 09 30	704	LINEAR
(166645)	2002 TV ₁	2002 10 01	699	LONEOS
(166646)	2002 TJ ₄	2002 10 01	699	LONEOS
(166647)	2002 TM ₆	2002 10 01	699	LONEOS
(166648)	2002 TQ ₇	2002 10 01	608	NEAT
(166649)	2002 TB ₁₁	2002 10 01	699	LONEOS
(166650)	2002 TN ₁₄	2002 10 01	699	LONEOS
(166651)	2002 TK ₁₆	2002 10 02	704	LINEAR
(166652)	2002 TX ₁₈	2002 10 02	704	LINEAR
(166653)	2002 TT ₂₀	2002 10 02	704	LINEAR
(166654)	2002 TO ₂₃	2002 10 02	704	LINEAR
(166655)	2002 TS ₂₃	2002 10 02	704	LINEAR
(166656)	2002 TX ₂₃	2002 10 02	704	LINEAR
(166657)	2002 TV ₂₄	2002 10 02	704	LINEAR
(166658)	2002 TG ₂₈	2002 10 02	704	LINEAR
(166659)	2002 TS ₃₃	2002 10 02	704	LINEAR
(166660)	2002 TT ₃₃	2002 10 02	704	LINEAR
(166661)	2002 TX ₃₇	2002 10 02	704	LINEAR
(166662)	2002 TL ₄₄	2002 10 02	608	NEAT
(166663)	2002 TO ₄₆	2002 10 02	704	LINEAR
(166664)	2002 TH ₄₉	2002 10 02	704	LINEAR
(166665)	2002 TB ₅₆	2002 10 01	699	LONEOS
(166666)	2002 TN ₅₇	2002 10 02	704	LINEAR
(166667)	2002 TU ₅₇	2002 10 02	599	CINEOS
(166668)	2002 TM ₅₈	2002 10 01	699	LONEOS
(166669)	2002 TQ ₆₁	2002 10 03	599	CINEOS
(166670)	2002 TY ₆₃	2002 10 04	704	LINEAR
(166671)	2002 TP ₇₂	2002 10 03	644	NEAT
(166672)	2002 TM ₇₇	2002 10 01	699	LONEOS
(166673)	2002 TZ ₇₉	2002 10 01	704	LINEAR

(166674) 2002 TR ₈₄	2002 10 02	608	NEAT	(166726) 2002 TJ ₂₄₆	2002 10 09	704	LINEAR
(166675) 2002 TD ₈₆	2002 10 02	599	CINEOS	(166727) 2002 TQ ₂₄₆	2002 10 09	704	LINEAR
(166676) 2002 TO ₉₂	2002 10 03	704	LINEAR	(166728) 2002 TV ₂₄₈	2002 10 07	704	LINEAR
(166677) 2002 TH ₉₉	2002 10 03	599	CINEOS	(166729) 2002 TH ₂₅₁	2002 10 07	608	NEAT
(166678) 2002 TY ₁₀₇	2002 10 01	699	LONEOS	(166730) 2002 TG ₂₅₆	2002 10 09	704	LINEAR
(166679) 2002 TS ₁₀₉	2002 10 02	608	NEAT	(166731) 2002 TB ₂₅₉	2002 10 09	704	LINEAR
(166680) 2002 TN ₁₁₀	2002 10 02	608	NEAT	(166732) 2002 TS ₂₆₈	2002 10 09	704	LINEAR
(166681) 2002 TZ ₁₁₁	2002 10 03	704	LINEAR	(166733) 2002 TW ₂₆₉	2002 10 09	704	LINEAR
(166682) 2002 TM ₁₁₂	2002 10 03	704	LINEAR	(166734) 2002 TC ₂₇₄	2002 10 09	704	LINEAR
(166683) 2002 TN ₁₁₄	2002 10 03	644	NEAT	(166735) 2002 TW ₂₇₄	2002 10 09	704	LINEAR
(166684) 2002 TA ₁₁₉	2002 10 03	644	NEAT	(166736) 2002 TP ₂₇₆	2002 10 09	704	LINEAR
(166685) 2002 TB ₁₁₉	2002 10 03	644	NEAT	(166737) 2002 TD ₂₈₀	2002 10 10	704	LINEAR
(166686) 2002 TN ₁₂₁	2002 10 03	644	NEAT	(166738) 2002 TV ₂₉₀	2002 10 10	704	LINEAR
(166687) 2002 TE ₁₃₃	2002 10 04	704	LINEAR	(166739) 2002 TX ₂₉₀	2002 10 10	704	LINEAR
(166688) 2002 TA ₁₃₅	2002 10 04	644	NEAT	(166740) 2002 TN ₂₉₁	2002 10 10	704	LINEAR
(166689) 2002 TZ ₁₃₈	2002 10 04	699	LONEOS	(166741) 2002 TU ₂₉₃	2002 10 11	644	NEAT
(166690) 2002 TG ₁₄₃	2002 10 04	704	LINEAR	(166742) 2002 TO ₂₉₇	2002 10 11	704	LINEAR
(166691) 2002 TM ₁₄₄	2002 10 05	704	LINEAR	(166743) 2002 TQ ₂₉₇	2002 10 11	704	LINEAR
(166692) 2002 TE ₁₄₈	2002 10 05	644	NEAT	(166744) 2002 TU ₂₉₈	2002 10 12	704	LINEAR
(166693) 2002 TT ₁₄₉	2002 10 05	644	NEAT	(166745) 2002 TV ₃₀₇	2002 10 04	645	Sloan Digital Sky Survey
(166694) 2002 TU ₁₅₉	2002 10 05	644	NEAT	(166746) 2002 TY ₃₁₁	2002 10 04	645	Sloan Digital Sky Survey
(166695) 2002 TL ₁₆₄	2002 10 05	644	NEAT	(166747) 2002 TB ₃₁₆	2002 10 04	645	Sloan Digital Sky Survey
(166696) 2002 TG ₁₆₅	2002 10 02	608	NEAT	(166748) 2002 TW ₃₂₀	2002 10 05	645	Sloan Digital Sky Survey
(166697) 2002 TU ₁₆₉	2002 10 03	644	NEAT	(166749) 2002 TV ₃₆₆	2002 10 10	645	Sloan Digital Sky Survey
(166698) 2002 TE ₁₇₂	2002 10 04	644	NEAT	(166750) 2002 TF ₃₇₆	2002 10 03	704	LINEAR
(166699) 2002 TA ₁₇₄	2002 10 04	704	LINEAR	(166751) 2002 UZ ₂	2002 10 28	644	NEAT
(166700) 2002 TN ₁₇₄	2002 10 04	704	LINEAR	(166752) 2002 UC ₆	2002 10 28	644	NEAT
(166701) 2002 TJ ₁₇₅	2002 10 04	704	LINEAR	(166753) 2002 UJ ₆	2002 10 28	644	NEAT
(166702) 2002 TX ₁₇₇	2002 10 11	644	NEAT	(166754) 2002 US ₁₃	2002 10 28	608	NEAT
(166703) 2002 TT ₁₇₈	2002 10 12	704	LINEAR	(166755) 2002 UK ₁₇	2002 10 28	608	NEAT
(166704) 2002 TJ ₁₇₉	2002 10 13	644	NEAT	(166756) 2002 UB ₂₀	2002 10 28	644	NEAT
(166705) 2002 TC ₁₈₂	2002 10 03	704	LINEAR	(166757) 2002 UM ₂₃	2002 10 31	704	LINEAR
(166706) 2002 TQ ₁₈₇	2002 10 04	704	LINEAR	(166758) 2002 UL ₂₅	2002 10 30	608	NEAT
(166707) 2002 TS ₁₉₂	2002 10 05	699	LONEOS	(166759) 2002 UN ₂₆	2002 10 31	704	LINEAR
(166708) 2002 TD ₁₉₅	2002 10 03	704	LINEAR	(166760) 2002 UW ₂₆	2002 10 31	704	LINEAR
(166709) 2002 TM ₁₉₈	2002 10 05	704	LINEAR	(166761) 2002 UE ₂₇	2002 10 31	704	LINEAR
(166710) 2002 TA ₁₉₉	2002 10 05	704	LINEAR	(166762) 2002 UE ₃₁	2002 10 28	608	NEAT
(166711) 2002 TL ₂₀₀	2002 10 10	621	Bickel, W.	(166763) 2002 UC ₃₃	2002 10 31	644	NEAT
(166712) 2002 TP ₂₀₃	2002 10 04	704	LINEAR	(166764) 2002 UE ₃₃	2002 10 31	699	LONEOS
(166713) 2002 TJ ₂₀₄	2002 10 04	704	LINEAR	(166765) 2002 UN ₃₄	2002 10 30	608	NEAT
(166714) 2002 TP ₂₀₅	2002 10 04	704	LINEAR	(166766) 2002 UZ ₄₈	2002 10 31	704	LINEAR
(166715) 2002 TY ₂₀₆	2002 10 04	704	LINEAR	(166767) 2002 UW ₄₉	2002 10 31	291	Spacewatch
(166716) 2002 TX ₂₀₈	2002 10 05	704	LINEAR	(166768) 2002 VA	2002 11 01	941	Pla D'Arguines
(166717) 2002 TF ₂₁₀	2002 10 07	704	LINEAR	(166769) 2002 VQ ₄	2002 11 04	644	NEAT
(166718) 2002 TL ₂₁₃	2002 10 03	704	LINEAR	(166770) 2002 VE ₉	2002 11 01	644	NEAT
(166719) 2002 TS ₂₁₇	2002 10 08	291	Spacewatch	(166771) 2002 VJ ₁₀	2002 11 01	644	NEAT
(166720) 2002 TP ₂₂₆	2002 10 08	699	LONEOS	(166772) 2002 VH ₁₇	2002 11 05	704	LINEAR
(166721) 2002 TQ ₂₂₇	2002 10 08	699	LONEOS	(166773) 2002 VZ ₁₇	2002 11 02	608	NEAT
(166722) 2002 TO ₂₂₈	2002 10 07	704	LINEAR	(166774) 2002 VU ₁₈	2002 11 04	699	LONEOS
(166723) 2002 TY ₂₃₈	2002 10 07	704	LINEAR	(166775) 2002 VR ₁₉	2002 11 04	291	Spacewatch
(166724) 2002 TF ₂₄₂	2002 10 09	699	LONEOS	(166776) 2002 VZ ₁₉	2002 11 04	291	Spacewatch
(166725) 2002 TY ₂₄₄	2002 10 07	704	LINEAR	(166777) 2002 VA ₂₂	2002 11 05	704	LINEAR

(166778)	2002 VU ₂₅	2002 11 05	704	LINEAR
(166779)	2002 VA ₃₀	2002 11 05	704	LINEAR
(166780)	2002 VX ₃₀	2002 11 05	704	LINEAR
(166781)	2002 VE ₃₂	2002 11 05	704	LINEAR
(166782)	2002 VH ₃₃	2002 11 05	704	LINEAR
(166783)	2002 VD ₃₅	2002 11 05	704	LINEAR
(166784)	2002 VD ₃₆	2002 11 05	704	LINEAR
(166785)	2002 VN ₃₆	2002 11 05	699	LONEOS
(166786)	2002 VH ₃₇	2002 11 04	644	NEAT
(166787)	2002 VE ₄₀	2002 11 08	446	McClusky, J. V.
(166788)	2002 VX ₄₁	2002 11 05	644	NEAT
(166789)	2002 VR ₄₂	2002 11 06	704	LINEAR
(166790)	2002 VS ₄₄	2002 11 04	608	NEAT
(166791)	2002 VH ₄₅	2002 11 05	704	LINEAR
(166792)	2002 VU ₄₆	2002 11 05	644	NEAT
(166793)	2002 VK ₄₇	2002 11 05	699	LONEOS
(166794)	2002 VT ₄₉	2002 11 05	699	LONEOS
(166795)	2002 VV ₄₉	2002 11 05	699	LONEOS
(166796)	2002 VH ₅₂	2002 11 06	699	LONEOS
(166797)	2002 VF ₅₅	2002 11 06	704	LINEAR
(166798)	2002 VK ₅₅	2002 11 06	704	LINEAR
(166799)	2002 VB ₅₇	2002 11 06	608	NEAT
(166800)	2002 VC ₅₇	2002 11 06	608	NEAT
(166801)	2002 VY ₅₇	2002 11 06	608	NEAT
(166802)	2002 VG ₅₈	2002 11 06	608	NEAT
(166803)	2002 VJ ₅₈	2002 11 06	608	NEAT
(166804)	2002 VR ₆₄	2002 11 07	699	LONEOS
(166805)	2002 VZ ₆₄	2002 11 07	704	LINEAR
(166806)	2002 VP ₇₀	2002 11 07	704	LINEAR
(166807)	2002 VU ₇₄	2002 11 07	704	LINEAR
(166808)	2002 VS ₇₅	2002 11 07	704	LINEAR
(166809)	2002 VO ₇₆	2002 11 07	704	LINEAR
(166810)	2002 VT ₇₈	2002 11 07	704	LINEAR
(166811)	2002 VC ₈₁	2002 11 07	704	LINEAR
(166812)	2002 VU ₈₁	2002 11 07	704	LINEAR
(166813)	2002 VK ₈₂	2002 11 07	704	LINEAR
(166814)	2002 VA ₈₅	2002 11 08	704	LINEAR
(166815)	2002 VL ₈₅	2002 11 08	704	LINEAR
(166816)	2002 VO ₈₈	2002 11 11	699	LONEOS
(166817)	2002 VP ₉₁	2002 11 11	291	Spacewatch
(166818)	2002 VS ₉₂	2002 11 11	704	LINEAR
(166819)	2002 VK ₉₃	2002 11 11	704	LINEAR
(166820)	2002 VX ₉₃	2002 11 12	704	LINEAR
(166821)	2002 VK ₉₄	2002 11 12	704	LINEAR
(166822)	2002 VV ₉₅	2002 11 11	699	LONEOS
(166823)	2002 VE ₉₆	2002 11 11	699	LONEOS
(166824)	2002 VH ₉₉	2002 11 13	704	LINEAR
(166825)	2002 VN ₁₀₀	2002 11 11	699	LONEOS
(166826)	2002 VV ₁₀₀	2002 11 11	699	LONEOS
(166827)	2002 VJ ₁₀₁	2002 11 11	704	LINEAR
(166828)	2002 VF ₁₀₄	2002 11 12	704	LINEAR
(166829)	2002 VR ₁₀₄	2002 11 12	704	LINEAR

(166830)	2002 VD ₁₀₇	2002 11 12	704	LINEAR
(166831)	2002 VV ₁₁₁	2002 11 13	644	NEAT
(166832)	2002 VU ₁₁₂	2002 11 13	644	NEAT
(166833)	2002 VD ₁₁₄	2002 11 13	644	NEAT
(166834)	2002 VA ₁₁₈	2002 11 13	704	LINEAR
(166835)	2002 VQ ₁₁₈	2002 11 12	699	LONEOS
(166836)	2002 VL ₁₁₉	2002 11 12	704	LINEAR
(166837)	2002 VS ₁₂₀	2002 11 12	644	NEAT
(166838)	2002 VY ₁₂₀	2002 11 12	644	NEAT
(166839)	2002 VD ₁₂₂	2002 11 13	644	NEAT
(166840)	2002 VT ₁₂₂	2002 11 13	644	NEAT
(166841)	2002 VX ₁₂₂	2002 11 13	644	NEAT
(166842)	2002 VS ₁₂₄	2002 11 12	704	LINEAR
(166843)	2002 VU ₁₂₄	2002 11 12	704	LINEAR
(166844)	2002 VR ₁₂₅	2002 11 14	704	LINEAR
(166845)	2002 VT ₁₂₅	2002 11 14	704	LINEAR
(166846)	2002 VL ₁₂₇	2002 11 13	704	LINEAR
(166847)	2002 VM ₁₂₇	2002 11 13	644	NEAT
(166848)	2002 VX ₁₄₀	2002 11 12	644	NEAT
(166849)	2002 WE ₃	2002 11 24	644	NEAT
(166850)	2002 WF ₃	2002 11 24	644	NEAT
(166851)	2002 WJ ₈	2002 11 24	644	NEAT
(166852)	2002 WE ₉	2002 11 24	644	NEAT
(166853)	2002 WZ ₁₀	2002 11 25	644	NEAT
(166854)	2002 WC ₁₁	2002 11 25	644	NEAT
(166855)	2002 WM ₂₀	2002 11 27	699	LONEOS
(166856)	2002 WC ₂₁	2002 11 24	644	NEAT
(166857)	2002 XE	2002 12 01	843	Ball, L.
(166858)	2002 XL	2002 12 01	704	LINEAR
(166859)	2002 XH ₁	2002 12 01	704	LINEAR
(166860)	2002 XN ₇	2002 12 02	704	LINEAR
(166861)	2002 XB ₁₆	2002 12 03	644	NEAT
(166862)	2002 XR ₁₉	2002 12 02	704	LINEAR
(166863)	2002 XM ₂₉	2002 12 05	644	NEAT
(166864)	2002 XP ₂₉	2002 12 05	644	NEAT
(166865)	2002 XT ₃₄	2002 12 06	704	LINEAR
(166866)	2002 XO ₃₇	2002 12 06	704	LINEAR
(166867)	2002 XH ₃₈	2002 12 06	704	LINEAR
(166868)	2002 XN ₄₃	2002 12 06	704	LINEAR
(166869)	2002 XJ ₄₇	2002 12 09	291	Spacewatch
(166870)	2002 XT ₄₇	2002 12 10	704	LINEAR
(166871)	2002 XG ₄₈	2002 12 10	704	LINEAR
(166872)	2002 XP ₅₀	2002 12 10	704	LINEAR
(166873)	2002 XB ₅₁	2002 12 10	704	LINEAR
(166874)	2002 XT ₅₅	2002 12 10	644	NEAT
(166875)	2002 XH ₆₀	2002 12 10	704	LINEAR
(166876)	2002 XS ₆₀	2002 12 10	704	LINEAR
(166877)	2002 XG ₆₁	2002 12 10	704	LINEAR
(166878)	2002 XV ₇₈	2002 12 11	704	LINEAR
(166879)	2002 XA ₈₂	2002 12 11	644	NEAT
(166880)	2002 XD ₈₃	2002 12 13	704	LINEAR
(166881)	2002 XG ₈₈	2002 12 12	644	NEAT

(166882) 2002 XA ₉₀	2002 12 14	704	LINEAR	(166934) 2003 HB ₁₆	2003 04 24	699	LONEOS
(166883) 2002 XJ ₉₀	2002 12 14	704	LINEAR	(166935) 2003 HF ₂₈	2003 04 26	608	NEAT
(166884) 2002 XJ ₁₀₂	2002 12 05	704	LINEAR	(166936) 2003 HP ₂₈	2003 04 26	608	NEAT
(166885) 2002 YS ₂	2002 12 28	460	Clingan, R.	(166937) 2003 HF ₃₉	2003 04 29	704	LINEAR
(166886) 2002 YB ₃	2002 12 25	461	Piszkéstető	(166938) 2003 HC ₄₀	2003 04 29	704	LINEAR
(166887) 2002 YN ₃	2002 12 28	704	LINEAR	(166939) 2003 HD ₄₁	2003 04 29	704	LINEAR
(166888) 2002 YY ₆	2002 12 28	291	Spacewatch	(166940) 2003 HU ₄₄	2003 04 28	608	NEAT
(166889) 2002 YR ₁₆	2002 12 31	704	LINEAR	(166941) 2003 HQ ₄₆	2003 04 28	704	LINEAR
(166890) 2002 YA ₁₇	2002 12 31	704	LINEAR	(166942) 2003 HP ₄₈	2003 04 30	704	LINEAR
(166891) 2002 YS ₂₂	2002 12 31	704	LINEAR	(166943) 2003 HL ₅₀	2003 04 29	704	LINEAR
(166892) 2002 YY ₂₃	2002 12 31	704	LINEAR	(166944) 2003 HP ₅₃	2003 04 25	683	Kumar, P.
(166893) 2002 YW ₂₆	2002 12 31	704	LINEAR	(166945) 2003 HS ₅₄	2003 04 24	608	NEAT
(166894) 2002 YO ₃₂	2002 12 27	644	NEAT	(166946) 2003 JD ₈	2003 05 02	704	LINEAR
(166895) 2002 YD ₃₅	2002 12 31	704	LINEAR	(166947) 2003 JS ₈	2003 05 02	704	LINEAR
(166896) 2003 AV ₁	2003 01 02	704	LINEAR	(166948) 2003 JL ₉	2003 05 02	691	Spacewatch
(166897) 2003 AD ₂	2003 01 02	704	LINEAR	(166949) 2003 JU ₁₀	2003 05 05	703	CSS
(166898) 2003 AQ ₂	2003 01 02	704	LINEAR	(166950) 2003 JJ ₁₄	2003 05 08	608	NEAT
(166899) 2003 AT ₄	2003 01 01	446	McClusky, J. V.	(166951) 2003 KB ₄	2003 05 23	428	Broughton, J.
(166900) 2003 AJ ₇	2003 01 02	704	LINEAR	(166952) 2003 KE ₁₇	2003 05 26	608	NEAT
(166901) 2003 AS ₁₆	2003 01 03	704	LINEAR	(166953) 2003 KE ₃₀	2003 05 25	691	Spacewatch
(166902) 2003 AQ ₂₂	2003 01 05	704	LINEAR	(166954) 2003 LY ₁	2003 06 02	704	LINEAR
(166903) 2003 AQ ₅₂	2003 01 05	704	LINEAR	(166955) 2003 MO ₄	2003 06 26	704	LINEAR
(166904) 2003 AH ₆₇	2003 01 07	704	LINEAR	(166956) 2003 MK ₆	2003 06 27	704	LINEAR
(166905) 2003 AJ ₇₂	2003 01 11	704	LINEAR	(166957) 2003 MF ₈	2003 06 28	704	LINEAR
(166906) 2003 AA ₈₁	2003 01 12	699	LONEOS	(166958) 2003 MN ₈	2003 06 28	704	LINEAR
(166907) 2003 AF ₈₂	2003 01 13	704	LINEAR	(166959) 2003 MF ₁₂	2003 06 29	704	LINEAR
(166908) 2003 AH ₈₂	2003 01 13	704	LINEAR	(166960) 2003 NS	2003 07 01	608	NEAT
(166909) 2003 AY ₈₇	2003 01 01	704	LINEAR	(166961) 2003 NZ ₁	2003 07 02	704	LINEAR
(166910) 2003 BN ₄₆	2003 01 30	704	LINEAR	(166962) 2003 NB ₂	2003 07 01	704	LINEAR
(166911) 2003 BW ₄₈	2003 01 26	608	NEAT	(166963) 2003 NN ₂	2003 07 03	428	Broughton, J.
(166912) 2003 BB ₅₅	2003 01 27	608	NEAT	(166964) 2003 NK ₃	2003 07 04	704	LINEAR
(166913) 2003 BG ₇₈	2003 01 31	704	LINEAR	(166965) 2003 NZ ₇	2003 07 08	644	NEAT
(166914) 2003 CE ₄	2003 02 01	644	NEAT	(166966) 2003 OT ₁	2003 07 21	599	CINEOS
(166915) 2003 DV ₂₁	2003 02 28	704	LINEAR	(166967) 2003 OH ₂	2003 07 22	608	NEAT
(166916) 2003 EL ₁₇	2003 03 05	704	LINEAR	(166968) 2003 OQ ₂	2003 07 22	608	NEAT
(166917) 2003 EL ₃₄	2003 03 07	704	LINEAR	(166969) 2003 OR ₃	2003 07 22	599	CINEOS
(166918) 2003 FR ₃₉	2003 03 24	291	Spacewatch	(166970) 2003 OV ₃	2003 07 22	599	CINEOS
(166919) 2003 FT ₄₅	2003 03 24	691	Spacewatch	(166971) 2003 OD ₄	2003 07 21	599	CINEOS
(166920) 2003 FS ₄₇	2003 03 24	691	Spacewatch	(166972) 2003 OJ ₄	2003 07 22	599	CINEOS
(166921) 2003 FV ₇₇	2003 03 27	644	NEAT	(166973) 2003 OV ₅	2003 07 24	428	Broughton, J.
(166922) 2003 FR ₈₈	2003 03 28	691	Spacewatch	(166974) 2003 OZ ₅	2003 07 24	620	Mallorca
(166923) 2003 FX ₉₂	2003 03 29	699	LONEOS	(166975) 2003 OE ₁₀	2003 07 25	704	LINEAR
(166924) 2003 FB ₁₀₄	2003 03 24	291	Spacewatch	(166976) 2003 OW ₁₀	2003 07 27	428	Broughton, J.
(166925) 2003 FN ₁₂₇	2003 03 27	644	NEAT	(166977) 2003 OK ₁₂	2003 07 22	644	NEAT
(166926) 2003 GL ₃	2003 04 01	704	LINEAR	(166978) 2003 OJ ₁₃	2003 07 28	428	Broughton, J.
(166927) 2003 GQ ₈	2003 04 03	699	LONEOS	(166979) 2003 OP ₁₄	2003 07 22	644	NEAT
(166928) 2003 GD ₁₃	2003 04 01	608	NEAT	(166980) 2003 OH ₁₅	2003 07 23	704	LINEAR
(166929) 2003 GP ₄₃	2003 04 09	704	LINEAR	(166981) 2003 OC ₁₉	2003 07 30	644	NEAT
(166930) 2003 GA ₄₈	2003 04 08	704	LINEAR	(166982) 2003 OT ₂₁	2003 07 28	599	CINEOS
(166931) 2003 HQ	2003 04 20	608	NEAT	(166983) 2003 OT ₂₃	2003 07 22	608	NEAT
(166932) 2003 HT ₁₀	2003 04 25	691	Spacewatch	(166984) 2003 OX ₂₅	2003 07 24	644	NEAT
(166933) 2003 HN ₁₁	2003 04 24	691	Spacewatch	(166985) 2003 OW ₂₇	2003 07 24	644	NEAT

(166986)	2003 OO ₂₈	2003 07 24	644	NEAT
(166987)	2003 OW ₂₈	2003 07 24	644	NEAT
(166988)	2003 OC ₃₀	2003 07 24	644	NEAT
(166989)	2003 OL ₃₀	2003 07 24	644	NEAT
(166990)	2003 OR ₃₂	2003 07 24	644	NEAT
(166991)	2003 PY	2003 08 01	704	LINEAR
(166992)	2003 PX ₁	2003 08 01	608	NEAT
(166993)	2003 PY ₁	2003 08 01	608	NEAT
(166994)	2003 PZ ₂	2003 08 02	608	NEAT
(166995)	2003 PQ ₃	2003 08 02	608	NEAT
(166996)	2003 PC ₄	2003 08 02	608	NEAT
(166997)	2003 PA ₅	2003 08 04	704	LINEAR
(166998)	2003 PE ₅	2003 08 04	704	LINEAR
(166999)	2003 PR ₅	2003 08 01	704	LINEAR
(167000)	2003 PE ₆	2003 08 01	704	LINEAR
(167001)	2003 PO ₆	2003 08 01	704	LINEAR
(167002)	2003 PD ₇	2003 08 01	608	NEAT
(167003)	2003 PD ₈	2003 08 02	608	NEAT
(167004)	2003 PV ₈	2003 08 04	704	LINEAR
(167005)	2003 PY ₈	2003 08 04	704	LINEAR
(167006)	2003 PY ₁₁	2003 08 01	704	LINEAR
(167007)	2003 PZ ₁₁	2003 08 04	704	LINEAR
(167008)	2003 PT ₁₂	2003 08 01	704	LINEAR
(167009)	2003 QV ₃	2003 08 18	608	NEAT
(167010)	2003 QZ ₄	2003 08 20	599	CINEOS
(167011)	2003 QP ₆	2003 08 20	599	CINEOS
(167012)	2003 QF ₉	2003 08 20	599	CINEOS
(167013)	2003 QV ₁₁	2003 08 21	644	NEAT
(167014)	2003 QC ₂₁	2003 08 22	644	NEAT
(167015)	2003 QF ₂₁	2003 08 22	644	NEAT
(167016)	2003 QZ ₂₂	2003 08 20	644	NEAT
(167017)	2003 QE ₂₃	2003 08 20	644	NEAT
(167018)	2003 QS ₂₉	2003 08 23	461	Piszkéstető
(167019)	2003 QU ₃₁	2003 08 21	644	NEAT
(167020)	2003 QH ₃₂	2003 08 21	644	NEAT
(167021)	2003 QL ₃₂	2003 08 21	644	NEAT
(167022)	2003 QL ₃₃	2003 08 22	644	NEAT
(167023)	2003 QZ ₃₄	2003 08 22	704	LINEAR
(167024)	2003 QU ₃₅	2003 08 22	644	NEAT
(167025)	2003 QM ₃₆	2003 08 22	644	NEAT
(167026)	2003 QA ₃₈	2003 08 22	704	LINEAR
(167027)	2003 QB ₃₈	2003 08 22	704	LINEAR
(167028)	2003 QM ₃₈	2003 08 22	704	LINEAR
(167029)	2003 QJ ₃₉	2003 08 22	704	LINEAR
(167030)	2003 QN ₃₉	2003 08 22	704	LINEAR
(167031)	2003 QD ₄₀	2003 08 22	704	LINEAR
(167032)	2003 QM ₄₁	2003 08 22	704	LINEAR
(167033)	2003 QU ₄₂	2003 08 22	644	NEAT
(167034)	2003 QA ₄₃	2003 08 22	644	NEAT
(167035)	2003 QY ₄₄	2003 08 23	704	LINEAR
(167036)	2003 QF ₄₅	2003 08 23	704	LINEAR
(167037)	2003 QQ ₄₅	2003 08 23	644	NEAT

(167038)	2003 QW ₄₉	2003 08 22	644	NEAT
(167039)	2003 QA ₅₀	2003 08 22	644	NEAT
(167040)	2003 QQ ₅₀	2003 08 22	608	NEAT
(167041)	2003 QB ₅₁	2003 08 22	644	NEAT
(167042)	2003 QR ₅₁	2003 08 23	644	NEAT
(167043)	2003 QD ₅₂	2003 08 23	644	NEAT
(167044)	2003 QG ₅₃	2003 08 23	704	LINEAR
(167045)	2003 QK ₅₃	2003 08 23	704	LINEAR
(167046)	2003 QK ₅₄	2003 08 23	704	LINEAR
(167047)	2003 QA ₅₆	2003 08 23	704	LINEAR
(167048)	2003 QV ₅₆	2003 08 23	704	LINEAR
(167049)	2003 QG ₅₇	2003 08 23	704	LINEAR
(167050)	2003 QY ₅₇	2003 08 23	704	LINEAR
(167051)	2003 QC ₆₃	2003 08 23	704	LINEAR
(167052)	2003 QB ₆₇	2003 08 23	704	LINEAR
(167053)	2003 QJ ₆₇	2003 08 23	704	LINEAR
(167054)	2003 QM ₇₇	2003 08 24	704	LINEAR
(167055)	2003 QF ₈₀	2003 08 22	644	NEAT
(167056)	2003 QB ₈₂	2003 08 23	644	NEAT
(167057)	2003 QC ₈₅	2003 08 24	704	LINEAR
(167058)	2003 QT ₈₆	2003 08 25	704	LINEAR
(167059)	2003 QN ₈₇	2003 08 25	704	LINEAR
(167060)	2003 QZ ₈₇	2003 08 25	704	LINEAR
(167061)	2003 QB ₈₈	2003 08 25	704	LINEAR
(167062)	2003 QC ₈₈	2003 08 25	704	LINEAR
(167063)	2003 QR ₉₃	2003 08 28	608	NEAT
(167064)	2003 QN ₉₄	2003 08 28	608	NEAT
(167065)	2003 QD ₁₀₂	2003 08 31	291	Spacewatch
(167066)	2003 QT ₁₀₅	2003 08 30	291	Spacewatch
(167067)	2003 QL ₁₀₈	2003 08 31	691	Spacewatch
(167068)	2003 QY ₁₀₉	2003 08 28	704	LINEAR
(167069)	2003 RL ₁	2003 09 02	608	NEAT
(167070)	2003 RQ ₂	2003 09 01	704	LINEAR
(167071)	2003 RR ₅	2003 09 03	704	LINEAR
(167072)	2003 RS ₁₀	2003 09 08	608	NEAT
(167073)	2003 RG ₁₄	2003 09 15	246	Tichý, M.
(167074)	2003 RN ₁₄	2003 09 14	608	NEAT
(167075)	2003 RY ₁₄	2003 09 14	644	NEAT
(167076)	2003 RG ₁₈	2003 09 15	644	NEAT
(167077)	2003 RZ ₁₉	2003 09 15	699	LONEOS
(167078)	2003 RC ₂₀	2003 09 15	699	LONEOS
(167079)	2003 RN ₂₁	2003 09 13	608	NEAT
(167080)	2003 RX ₂₁	2003 09 13	608	NEAT
(167081)	2003 RD ₂₂	2003 09 14	608	NEAT
(167082)	2003 RX ₂₂	2003 09 03	704	LINEAR
(167083)	2003 RR ₂₅	2003 09 15	644	NEAT
(167084)	2003 SF ₆	2003 09 16	691	Spacewatch
(167085)	2003 SC ₈	2003 09 16	291	Spacewatch
(167086)	2003 ST ₁₃	2003 09 16	691	Spacewatch
(167087)	2003 SD ₁₄	2003 09 17	691	Spacewatch
(167088)	2003 SX ₁₅	2003 09 16	691	Spacewatch
(167089)	2003 SA ₁₆	2003 09 17	291	Spacewatch

(167090) 2003 SK ₂₂	2003 09 16	691	Spacewatch	(167142) 2003 SV ₁₉₉	2003 09 21	699	LONEOS
(167091) 2003 SN ₂₂	2003 09 16	691	Spacewatch	(167143) 2003 SD ₂₀₀	2003 09 21	699	LONEOS
(167092) 2003 ST ₂₄	2003 09 17	608	NEAT	(167144) 2003 SG ₂₀₀	2003 09 25	644	NEAT
(167093) 2003 SS ₂₉	2003 09 18	644	NEAT	(167145) 2003 SS ₂₀₅	2003 09 25	608	NEAT
(167094) 2003 SQ ₃₁	2003 09 18	691	Spacewatch	(167146) 2003 ST ₂₀₇	2003 09 26	704	LINEAR
(167095) 2003 SH ₃₂	2003 09 17	644	NEAT	(167147) 2003 SZ ₂₀₇	2003 09 26	704	LINEAR
(167096) 2003 SX ₃₂	2003 09 18	704	LINEAR	(167148) 2003 SO ₂₀₈	2003 09 23	644	NEAT
(167097) 2003 SL ₃₃	2003 09 16	699	LONEOS	(167149) 2003 SR ₂₁₀	2003 09 23	644	NEAT
(167098) 2003 SF ₃₇	2003 09 16	644	NEAT	(167150) 2003 SR ₂₁₁	2003 09 25	644	NEAT
(167099) 2003 SP ₄₀	2003 09 16	644	NEAT	(167151) 2003 SH ₂₁₂	2003 09 25	644	NEAT
(167100) 2003 ST ₄₃	2003 09 16	699	LONEOS	(167152) 2003 SM ₂₁₃	2003 09 26	704	LINEAR
(167101) 2003 ST ₄₆	2003 09 16	699	LONEOS	(167153) 2003 SA ₂₁₈	2003 09 27	333	Yeung, W. K. Y.
(167102) 2003 SB ₄₇	2003 09 16	699	LONEOS	(167154) 2003 SC ₂₁₈	2003 09 27	333	Yeung, W. K. Y.
(167103) 2003 SL ₅₀	2003 09 18	644	NEAT	(167155) 2003 SU ₂₁₈	2003 09 28	333	Yeung, W. K. Y.
(167104) 2003 SB ₅₁	2003 09 18	644	NEAT	(167156) 2003 SA ₂₂₈	2003 09 27	704	LINEAR
(167105) 2003 SD ₅₂	2003 09 18	644	NEAT	(167157) 2003 SA ₂₃₄	2003 09 25	644	NEAT
(167106) 2003 SS ₆₀	2003 09 17	691	Spacewatch	(167158) 2003 SD ₂₃₅	2003 09 26	704	LINEAR
(167107) 2003 SK ₆₁	2003 09 17	704	LINEAR	(167159) 2003 SH ₂₃₅	2003 09 27	704	LINEAR
(167108) 2003 SX ₆₁	2003 09 17	704	LINEAR	(167160) 2003 SY ₂₃₈	2003 09 27	704	LINEAR
(167109) 2003 SK ₇₄	2003 09 18	691	Spacewatch	(167161) 2003 SU ₂₄₄	2003 09 26	704	LINEAR
(167110) 2003 SG ₇₆	2003 09 18	291	Spacewatch	(167162) 2003 SW ₂₄₆	2003 09 26	704	LINEAR
(167111) 2003 SU ₇₇	2003 09 19	691	Spacewatch	(167163) 2003 SG ₂₄₇	2003 09 26	704	LINEAR
(167112) 2003 SH ₇₈	2003 09 19	691	Spacewatch	(167164) 2003 ST ₂₄₇	2003 09 26	704	LINEAR
(167113) 2003 SW ₇₈	2003 09 19	701	Junk Bond	(167165) 2003 SY ₂₄₇	2003 09 26	704	LINEAR
(167114) 2003 SM ₈₂	2003 09 18	704	LINEAR	(167166) 2003 SR ₂₄₈	2003 09 26	704	LINEAR
(167115) 2003 SU ₈₅	2003 09 16	691	Spacewatch	(167167) 2003 SZ ₂₄₉	2003 09 26	704	LINEAR
(167116) 2003 SE ₈₇	2003 09 17	704	LINEAR	(167168) 2003 SP ₂₅₀	2003 09 26	704	LINEAR
(167117) 2003 SF ₉₀	2003 09 18	704	LINEAR	(167169) 2003 SH ₂₅₁	2003 09 26	704	LINEAR
(167118) 2003 SG ₉₀	2003 09 18	704	LINEAR	(167170) 2003 SC ₂₅₂	2003 09 26	704	LINEAR
(167119) 2003 SW ₉₀	2003 09 18	704	LINEAR	(167171) 2003 SP ₂₅₇	2003 09 28	704	LINEAR
(167120) 2003 SR ₉₈	2003 09 19	608	NEAT	(167172) 2003 SV ₂₅₇	2003 09 28	704	LINEAR
(167121) 2003 SZ ₁₂₂	2003 09 18	704	LINEAR	(167173) 2003 SN ₂₅₈	2003 09 28	691	Spacewatch
(167122) 2003 SL ₁₂₃	2003 09 18	704	LINEAR	(167174) 2003 SL ₂₆₀	2003 09 27	691	Spacewatch
(167123) 2003 SU ₁₂₄	2003 09 18	644	NEAT	(167175) 2003 SO ₂₆₆	2003 09 29	704	LINEAR
(167124) 2003 SB ₁₃₄	2003 09 18	704	LINEAR	(167176) 2003 SO ₂₆₉	2003 09 28	683	Tucker, R. A.
(167125) 2003 SZ ₁₃₇	2003 09 19	644	NEAT	(167177) 2003 SD ₂₇₁	2003 09 25	608	NEAT
(167126) 2003 SS ₁₄₁	2003 09 20	599	CINEOS	(167178) 2003 SF ₂₇₂	2003 09 27	704	LINEAR
(167127) 2003 SX ₁₄₃	2003 09 21	704	LINEAR	(167179) 2003 SK ₂₇₃	2003 09 27	704	LINEAR
(167128) 2003 SK ₁₄₈	2003 09 16	704	LINEAR	(167180) 2003 SR ₂₇₃	2003 09 28	691	Spacewatch
(167129) 2003 SO ₁₅₅	2003 09 19	699	LONEOS	(167181) 2003 SH ₂₇₇	2003 09 30	704	LINEAR
(167130) 2003 SL ₁₅₆	2003 09 19	699	LONEOS	(167182) 2003 SK ₂₈₁	2003 09 19	691	Spacewatch
(167131) 2003 SR ₁₅₉	2003 09 22	691	Spacewatch	(167183) 2003 SU ₂₈₄	2003 09 20	704	LINEAR
(167132) 2003 SX ₁₆₂	2003 09 19	691	Spacewatch	(167184) 2003 SO ₂₈₆	2003 09 21	644	NEAT
(167133) 2003 SS ₁₆₄	2003 09 20	699	LONEOS	(167185) 2003 SZ ₂₈₇	2003 09 30	704	LINEAR
(167134) 2003 SF ₁₆₇	2003 09 22	704	LINEAR	(167186) 2003 SO ₂₈₈	2003 09 28	704	LINEAR
(167135) 2003 SE ₁₇₈	2003 09 19	644	NEAT	(167187) 2003 SX ₂₉₄	2003 09 28	704	LINEAR
(167136) 2003 SG ₁₇₈	2003 09 19	644	NEAT	(167188) 2003 SA ₂₉₅	2003 09 28	704	LINEAR
(167137) 2003 SS ₁₈₄	2003 09 21	691	Spacewatch	(167189) 2003 SS ₂₉₉	2003 09 30	704	LINEAR
(167138) 2003 SP ₁₉₅	2003 09 20	644	NEAT	(167190) 2003 SR ₃₀₂	2003 09 17	644	NEAT
(167139) 2003 SU ₁₉₅	2003 09 20	608	NEAT	(167191) 2003 SQ ₃₀₆	2003 09 30	704	LINEAR
(167140) 2003 SP ₁₉₆	2003 09 20	644	NEAT	(167192) 2003 SU ₃₀₉	2003 09 27	704	LINEAR
(167141) 2003 SZ ₁₉₆	2003 09 21	699	LONEOS	(167193) 2003 SD ₃₂₂	2003 09 27	704	LINEAR

(167194) 2003 SL ₃₂₂	2003 09 28	704	LINEAR
(167195) 2003 TP ₁	2003 10 02	691	Spacewatch
(167196) 2003 TN ₅	2003 10 02	704	LINEAR
(167197) 2003 TO ₅	2003 10 02	704	LINEAR
(167198) 2003 TV ₇	2003 10 01	699	LONEOS
(167199) 2003 TT ₁₄	2003 10 14	699	LONEOS
(167200) 2003 TO ₁₈	2003 10 15	699	LONEOS
(167201) 2003 TE ₂₀	2003 10 14	644	NEAT
(167202) 2003 TO ₂₀	2003 10 14	644	NEAT
(167203) 2003 TW ₂₀	2003 10 15	699	LONEOS
(167204) 2003 TO ₃₃	2003 10 01	691	Spacewatch
(167205) 2003 TR ₄₃	2003 10 02	691	Spacewatch
(167206) 2003 TP ₅₂	2003 10 05	691	Spacewatch
(167207) 2003 UH ₁	2003 10 16	644	NEAT
(167208) 2003 UN ₇	2003 10 17	557	Ondřejov
(167209) 2003 UX ₁₃	2003 10 16	644	NEAT
(167210) 2003 UN ₁₄	2003 10 16	291	Spacewatch
(167211) 2003 UO ₁₆	2003 10 16	699	LONEOS
(167212) 2003 UQ ₁₈	2003 10 19	699	LONEOS
(167213) 2003 UC ₁₉	2003 10 20	644	NEAT
(167214) 2003 UA ₂₂	2003 10 22	699	LONEOS
(167215) 2003 UC ₂₃	2003 10 21	704	LINEAR
(167216) 2003 UH ₂₆	2003 10 24	608	NEAT
(167217) 2003 US ₂₈	2003 10 21	699	LONEOS
(167218) 2003 UY ₃₀	2003 10 16	691	Spacewatch
(167219) 2003 UH ₃₁	2003 10 16	691	Spacewatch
(167220) 2003 UQ ₃₂	2003 10 16	691	Spacewatch
(167221) 2003 UA ₃₃	2003 10 16	691	Spacewatch
(167222) 2003 UT ₃₉	2003 10 16	291	Spacewatch
(167223) 2003 UE ₄₀	2003 10 16	291	Spacewatch
(167224) 2003 UD ₄₁	2003 10 16	699	LONEOS
(167225) 2003 UJ ₄₅	2003 10 18	691	Spacewatch
(167226) 2003 UP ₄₅	2003 10 18	291	Spacewatch
(167227) 2003 UT ₄₇	2003 10 18	699	LONEOS
(167228) 2003 UF ₅₃	2003 10 18	644	NEAT
(167229) 2003 UM ₅₆	2003 10 22	704	LINEAR
(167230) 2003 UJ ₅₇	2003 10 26	049	Uppsala-DLR Asteroid Survey
(167231) 2003 UE ₅₈	2003 10 16	691	Spacewatch
(167232) 2003 UC ₅₉	2003 10 16	644	NEAT
(167233) 2003 UX ₆₁	2003 10 16	699	LONEOS
(167234) 2003 UB ₆₃	2003 10 16	644	NEAT
(167235) 2003 UJ ₆₄	2003 10 16	699	LONEOS
(167236) 2003 UO ₆₄	2003 10 16	644	NEAT
(167237) 2003 UJ ₇₀	2003 10 18	691	Spacewatch
(167238) 2003 UY ₇₃	2003 10 16	644	NEAT
(167239) 2003 UZ ₇₅	2003 10 17	691	Spacewatch
(167240) 2003 UU ₈₁	2003 10 18	691	Spacewatch
(167241) 2003 UC ₉₁	2003 10 20	704	LINEAR
(167242) 2003 US ₉₁	2003 10 20	691	Spacewatch
(167243) 2003 UQ ₉₄	2003 10 18	691	Spacewatch
(167244) 2003 UB ₉₅	2003 10 18	691	Spacewatch
(167245) 2003 UR ₉₆	2003 10 19	691	Spacewatch

(167246) 2003 UX ₉₆	2003 10 19	291	Spacewatch
(167247) 2003 UU ₉₇	2003 10 19	691	Spacewatch
(167248) 2003 UL ₉₉	2003 10 19	699	LONEOS
(167249) 2003 UP ₉₉	2003 10 19	699	LONEOS
(167250) 2003 UQ ₉₉	2003 10 19	699	LONEOS
(167251) 2003 UJ ₁₀₄	2003 10 18	691	Spacewatch
(167252) 2003 UP ₁₀₉	2003 10 19	691	Spacewatch
(167253) 2003 UY ₁₀₉	2003 10 19	691	Spacewatch
(167254) 2003 UU ₁₁₃	2003 10 20	704	LINEAR
(167255) 2003 UT ₁₁₅	2003 10 20	644	NEAT
(167256) 2003 UE ₁₁₇	2003 10 21	704	LINEAR
(167257) 2003 UG ₁₁₈	2003 10 17	699	LONEOS
(167258) 2003 UH ₁₂₀	2003 10 18	691	Spacewatch
(167259) 2003 UF ₁₂₁	2003 10 18	644	NEAT
(167260) 2003 UM ₁₂₂	2003 10 19	691	Spacewatch
(167261) 2003 UT ₁₂₂	2003 10 19	704	LINEAR
(167262) 2003 UN ₁₂₃	2003 10 19	691	Spacewatch
(167263) 2003 UC ₁₂₇	2003 10 21	691	Spacewatch
(167264) 2003 UH ₁₂₇	2003 10 21	691	Spacewatch
(167265) 2003 UH ₁₂₉	2003 10 18	644	NEAT
(167266) 2003 UN ₁₂₉	2003 10 18	644	NEAT
(167267) 2003 UW ₁₃₁	2003 10 19	644	NEAT
(167268) 2003 UN ₁₃₇	2003 10 21	704	LINEAR
(167269) 2003 UP ₁₄₂	2003 10 18	699	LONEOS
(167270) 2003 UQ ₁₄₆	2003 10 18	699	LONEOS
(167271) 2003 UY ₁₄₆	2003 10 18	699	LONEOS
(167272) 2003 UP ₁₄₇	2003 10 18	691	Spacewatch
(167273) 2003 UK ₁₄₈	2003 10 19	699	LONEOS
(167274) 2003 UT ₁₄₈	2003 10 19	691	Spacewatch
(167275) 2003 UU ₁₄₈	2003 10 19	691	Spacewatch
(167276) 2003 UR ₁₅₀	2003 10 20	691	Spacewatch
(167277) 2003 US ₁₅₀	2003 10 21	691	Spacewatch
(167278) 2003 UZ ₁₆₁	2003 10 21	704	LINEAR
(167279) 2003 UD ₁₆₆	2003 10 21	691	Spacewatch
(167280) 2003 UB ₁₆₈	2003 10 22	704	LINEAR
(167281) 2003 UB ₁₆₉	2003 10 22	704	LINEAR
(167282) 2003 UT ₁₆₉	2003 10 22	704	LINEAR
(167283) 2003 UH ₁₇₀	2003 10 22	691	Spacewatch
(167284) 2003 UR ₁₇₅	2003 10 21	644	NEAT
(167285) 2003 UP ₁₈₀	2003 10 21	704	LINEAR
(167286) 2003 UZ ₁₈₀	2003 10 21	691	Spacewatch
(167287) 2003 UF ₁₈₁	2003 10 21	704	LINEAR
(167288) 2003 US ₁₈₉	2003 10 22	608	NEAT
(167289) 2003 UX ₁₉₅	2003 10 20	691	Spacewatch
(167290) 2003 UU ₁₉₆	2003 10 21	691	Spacewatch
(167291) 2003 UX ₁₉₉	2003 10 21	704	LINEAR
(167292) 2003 UD ₂₀₀	2003 10 21	704	LINEAR
(167293) 2003 UN ₂₀₅	2003 10 22	704	LINEAR
(167294) 2003 UB ₂₀₆	2003 10 22	704	LINEAR
(167295) 2003 UC ₂₀₉	2003 10 23	691	Spacewatch
(167296) 2003 UF ₂₁₀	2003 10 23	699	LONEOS
(167297) 2003 UD ₂₁₁	2003 10 23	691	Spacewatch

(167298)	2003 UA ₂₁₃	2003 10 23	691	Spacewatch
(167299)	2003 UR ₂₁₅	2003 10 21	691	Spacewatch
(167300)	2003 UV ₂₁₆	2003 10 21	704	LINEAR
(167301)	2003 UB ₂₁₇	2003 10 21	644	NEAT
(167302)	2003 UG ₂₁₈	2003 10 21	704	LINEAR
(167303)	2003 UJ ₂₂₂	2003 10 22	704	LINEAR
(167304)	2003 UE ₂₂₃	2003 10 22	704	LINEAR
(167305)	2003 UO ₂₂₇	2003 10 23	691	Spacewatch
(167306)	2003 UU ₂₂₈	2003 10 23	699	LONEOS
(167307)	2003 UX ₂₃₂	2003 10 24	704	LINEAR
(167308)	2003 UD ₂₃₃	2003 10 24	691	Spacewatch
(167309)	2003 UQ ₂₃₇	2003 10 23	691	Spacewatch
(167310)	2003 UP ₂₃₈	2003 10 24	704	LINEAR
(167311)	2003 UE ₂₄₀	2003 10 24	704	LINEAR
(167312)	2003 UG ₂₄₀	2003 10 24	704	LINEAR
(167313)	2003 UV ₂₄₃	2003 10 24	704	LINEAR
(167314)	2003 UU ₂₄₆	2003 10 24	704	LINEAR
(167315)	2003 UA ₂₄₇	2003 10 24	704	LINEAR
(167316)	2003 UH ₂₄₇	2003 10 24	704	LINEAR
(167317)	2003 UD ₂₅₀	2003 10 25	704	LINEAR
(167318)	2003 UO ₂₅₂	2003 10 26	691	Spacewatch
(167319)	2003 UH ₂₅₆	2003 10 25	704	LINEAR
(167320)	2003 UV ₂₅₇	2003 10 25	704	LINEAR
(167321)	2003 UO ₂₅₉	2003 10 25	704	LINEAR
(167322)	2003 UU ₂₅₉	2003 10 25	704	LINEAR
(167323)	2003 UE ₂₆₃	2003 10 27	699	LONEOS
(167324)	2003 UG ₂₆₃	2003 10 27	699	LONEOS
(167325)	2003 UM ₂₆₄	2003 10 27	704	LINEAR
(167326)	2003 UV ₂₆₇	2003 10 28	704	LINEAR
(167327)	2003 UU ₂₆₈	2003 10 28	704	LINEAR
(167328)	2003 UU ₂₇₀	2003 10 17	644	NEAT
(167329)	2003 UC ₂₇₅	2003 10 29	704	LINEAR
(167330)	2003 UT ₂₇₆	2003 10 30	704	LINEAR
(167331)	2003 UX ₂₇₆	2003 10 30	704	LINEAR
(167332)	2003 UG ₂₈₀	2003 10 27	704	LINEAR
(167333)	2003 UM ₂₈₀	2003 10 27	704	LINEAR
(167334)	2003 UF ₂₈₁	2003 10 28	704	LINEAR
(167335)	2003 UH ₂₈₃	2003 10 29	699	LONEOS
(167336)	2003 UA ₂₈₉	2003 10 23	695	Buie, M. W.
(167337)	2003 UY ₂₈₉	2003 10 23	695	Buie, M. W.
(167338)	2003 UR ₂₉₉	2003 10 16	691	Spacewatch
(167339)	2003 UN ₃₀₈	2003 10 19	691	Spacewatch
(167340)	2003 UT ₃₁₄	2003 10 16	699	LONEOS
(167341)	2003 VG	2003 11 03	461	Piszkéstető
(167342)	2003 VS ₁	2003 11 01	704	LINEAR
(167343)	2003 VN ₇	2003 11 15	691	Spacewatch
(167344)	2003 VX ₇	2003 11 09	608	NEAT
(167345)	2003 VG ₈	2003 11 14	644	NEAT
(167346)	2003 VU ₈	2003 11 15	291	Spacewatch
(167347)	2003 WZ ₅	2003 11 18	644	NEAT
(167348)	2003 WV ₈	2003 11 16	691	Spacewatch
(167349)	2003 WA ₉	2003 11 16	691	Spacewatch

(167350)	2003 WL ₉	2003 11 18	691	Spacewatch
(167351)	2003 WY ₁₆	2003 11 18	644	NEAT
(167352)	2003 WJ ₂₆	2003 11 19	644	NEAT
(167353)	2003 WR ₂₇	2003 11 16	691	Spacewatch
(167354)	2003 WE ₂₈	2003 11 16	691	Spacewatch
(167355)	2003 WZ ₃₀	2003 11 18	644	NEAT
(167356)	2003 WA ₃₂	2003 11 18	644	NEAT
(167357)	2003 WM ₃₄	2003 11 19	691	Spacewatch
(167358)	2003 WD ₃₆	2003 11 19	691	Spacewatch
(167359)	2003 WN ₃₈	2003 11 19	704	LINEAR
(167360)	2003 WQ ₄₀	2003 11 19	691	Spacewatch
(167361)	2003 WK ₄₂	2003 11 21	704	LINEAR
(167362)	2003 WD ₄₅	2003 11 19	644	NEAT
(167363)	2003 WH ₄₆	2003 11 18	703	CSS
(167364)	2003 WJ ₄₇	2003 11 18	644	NEAT
(167365)	2003 WS ₄₈	2003 11 19	703	CSS
(167366)	2003 WL ₄₉	2003 11 19	704	LINEAR
(167367)	2003 WQ ₅₄	2003 11 20	704	LINEAR
(167368)	2003 WG ₅₈	2003 11 18	691	Spacewatch
(167369)	2003 WE ₆₀	2003 11 18	644	NEAT
(167370)	2003 WB ₆₁	2003 11 19	691	Spacewatch
(167371)	2003 WC ₆₁	2003 11 19	691	Spacewatch
(167372)	2003 WK ₆₂	2003 11 19	691	Spacewatch
(167373)	2003 WM ₆₄	2003 11 19	691	Spacewatch
(167374)	2003 WM ₆₅	2003 11 19	691	Spacewatch
(167375)	2003 WF ₆₆	2003 11 19	704	LINEAR
(167376)	2003 WH ₆₇	2003 11 19	691	Spacewatch
(167377)	2003 WJ ₆₇	2003 11 19	691	Spacewatch
(167378)	2003 WM ₆₇	2003 11 19	691	Spacewatch
(167379)	2003 WW ₆₇	2003 11 19	691	Spacewatch
(167380)	2003 WF ₆₈	2003 11 19	691	Spacewatch
(167381)	2003 WL ₇₂	2003 11 20	704	LINEAR
(167382)	2003 WM ₇₂	2003 11 20	704	LINEAR
(167383)	2003 WY ₇₃	2003 11 20	704	LINEAR
(167384)	2003 WC ₇₅	2003 11 20	704	LINEAR
(167385)	2003 WX ₇₈	2003 11 20	704	LINEAR
(167386)	2003 WB ₇₉	2003 11 20	704	LINEAR
(167387)	2003 WN ₈₀	2003 11 20	704	LINEAR
(167388)	2003 WW ₈₄	2003 11 19	703	CSS
(167389)	2003 WN ₈₈	2003 11 23	735	Needville
(167390)	2003 WT ₈₈	2003 11 16	691	Spacewatch
(167391)	2003 WN ₉₁	2003 11 18	691	Spacewatch
(167392)	2003 WV ₉₃	2003 11 19	699	LONEOS
(167393)	2003 WK ₉₅	2003 11 19	699	LONEOS
(167394)	2003 WU ₉₅	2003 11 19	699	LONEOS
(167395)	2003 WX ₉₆	2003 11 19	699	LONEOS
(167396)	2003 WZ ₉₈	2003 11 20	704	LINEAR
(167397)	2003 WL ₁₀₀	2003 11 20	704	LINEAR
(167398)	2003 WN ₁₀₁	2003 11 21	703	CSS
(167399)	2003 WX ₁₀₁	2003 11 21	704	LINEAR
(167400)	2003 WZ ₁₀₁	2003 11 21	704	LINEAR
(167401)	2003 WS ₁₁₂	2003 11 20	704	LINEAR

(167402) 2003 WB₁₁₃ 2003 11 20 704 LINEAR
 (167403) 2003 WK₁₁₆ 2003 11 20 704 LINEAR
 (167404) 2003 WL₁₁₆ 2003 11 20 704 LINEAR
 (167405) 2003 WP₁₁₈ 2003 11 20 704 LINEAR
 (167406) 2003 WU₁₁₈ 2003 11 20 704 LINEAR
 (167407) 2003 WH₁₂₀ 2003 11 20 704 LINEAR
 (167408) 2003 WH₁₂₄ 2003 11 20 704 LINEAR
 (167409) 2003 WO₁₂₅ 2003 11 20 704 LINEAR
 (167410) 2003 WB₁₂₇ 2003 11 20 704 LINEAR
 (167411) 2003 WW₁₃₀ 2003 11 21 644 NEAT
 (167412) 2003 WQ₁₃₁ 2003 11 21 644 NEAT
 (167413) 2003 WJ₁₃₂ 2003 11 19 691 Spacewatch
 (167414) 2003 WA₁₃₄ 2003 11 21 704 LINEAR
 (167415) 2003 WZ₁₃₄ 2003 11 21 704 LINEAR
 (167416) 2003 WY₁₃₅ 2003 11 21 704 LINEAR
 (167417) 2003 WP₁₃₉ 2003 11 21 704 LINEAR
 (167418) 2003 WF₁₄₁ 2003 11 21 704 LINEAR
 (167419) 2003 WP₁₄₁ 2003 11 21 704 LINEAR
 (167420) 2003 WT₁₄₃ 2003 11 20 704 LINEAR
 (167421) 2003 WV₁₄₃ 2003 11 20 704 LINEAR
 (167422) 2003 WS₁₄₈ 2003 11 24 644 NEAT
 (167423) 2003 WH₁₄₉ 2003 11 24 644 NEAT
 (167424) 2003 WK₁₅₀ 2003 11 24 699 LONEOS
 (167425) 2003 WC₁₅₃ 2003 11 26 699 LONEOS
 (167426) 2003 WQ₁₅₄ 2003 11 26 691 Spacewatch
 (167427) 2003 WP₁₅₅ 2003 11 26 691 Spacewatch
 (167428) 2003 WQ₁₅₅ 2003 11 26 691 Spacewatch
 (167429) 2003 WX₁₅₇ 2003 11 28 683 Tucker, R. A.
 (167430) 2003 WW₁₅₉ 2003 11 30 291 Spacewatch
 (167431) 2003 WM₁₆₂ 2003 11 30 691 Spacewatch
 (167432) 2003 WD₁₆₅ 2003 11 30 691 Spacewatch
 (167433) 2003 WW₁₆₉ 2003 11 19 644 NEAT
 (167434) 2003 WL₁₇₀ 2003 11 20 644 NEAT
 (167435) 2003 WO₁₇₁ 2003 11 23 699 LONEOS
 (167436) 2003 WU₁₇₄ 2003 11 19 699 LONEOS
 (167437) 2003 WL₁₇₆ 2003 11 19 704 LINEAR
 (167438) 2003 WL₁₉₀ 2003 11 26 704 LINEAR
 (167439) 2003 WF₁₉₃ 2003 11 18 691 Spacewatch
 (167440) 2003 XT₄ 2003 12 01 704 LINEAR
 (167441) 2003 XC₆ 2003 12 03 704 LINEAR
 (167442) 2003 XG₆ 2003 12 03 704 LINEAR
 (167443) 2003 XX₆ 2003 12 03 699 LONEOS
 (167444) 2003 XK₇ 2003 12 01 704 LINEAR
 (167445) 2003 XL₇ 2003 12 01 704 LINEAR
 (167446) 2003 XH₈ 2003 12 04 704 LINEAR
 (167447) 2003 XQ₈ 2003 12 04 704 LINEAR
 (167448) 2003 XS₈ 2003 12 04 704 LINEAR
 (167449) 2003 XP₉ 2003 12 04 704 LINEAR
 (167450) 2003 XU₉ 2003 12 04 704 LINEAR
 (167451) 2003 XA₁₀ 2003 12 04 704 LINEAR
 (167452) 2003 XG₁₇ 2003 12 14 291 Spacewatch
 (167453) 2003 XB₂₅ 2003 12 01 704 LINEAR

(167454) 2003 XC₃₇ 2003 12 03 704 LINEAR
 (167455) 2003 XQ₃₇ 2003 12 04 704 LINEAR
 (167456) 2003 YP 2003 12 16 699 LONEOS
 (167457) 2003 YD₃ 2003 12 17 699 LONEOS
 (167458) 2003 YE₃ 2003 12 18 704 LINEAR
 (167459) 2003 YY₆ 2003 12 17 704 LINEAR
 (167460) 2003 YO₇ 2003 12 18 704 LINEAR
 (167461) 2003 YX₁₅ 2003 12 17 699 LONEOS
 (167462) 2003 YP₁₆ 2003 12 17 691 Spacewatch
 (167463) 2003 YU₂₀ 2003 12 17 691 Spacewatch
 (167464) 2003 YF₂₁ 2003 12 17 691 Spacewatch
 (167465) 2003 YP₂₁ 2003 12 17 691 Spacewatch
 (167466) 2003 YA₂₄ 2003 12 17 704 LINEAR
 (167467) 2003 YB₂₇ 2003 12 16 699 LONEOS
 (167468) 2003 YR₂₈ 2003 12 17 691 Spacewatch
 (167469) 2003 YW₃₃ 2003 12 17 691 Spacewatch
 (167470) 2003 YK₃₅ 2003 12 19 704 LINEAR
 (167471) 2003 YH₄₀ 2003 12 19 691 Spacewatch
 (167472) 2003 YU₄₁ 2003 12 19 691 Spacewatch
 (167473) 2003 YE₄₂ 2003 12 19 691 Spacewatch
 (167474) 2003 YM₄₂ 2003 12 19 691 Spacewatch
 (167475) 2003 YW₄₄ 2003 12 19 691 Spacewatch
 (167476) 2003 YB₅₁ 2003 12 18 704 LINEAR
 (167477) 2003 YV₅₁ 2003 12 18 704 LINEAR
 (167478) 2003 YH₅₂ 2003 12 18 291 Spacewatch
 (167479) 2003 YT₅₃ 2003 12 19 704 LINEAR
 (167480) 2003 YZ₅₄ 2003 12 19 704 LINEAR
 (167481) 2003 YF₅₇ 2003 12 19 704 LINEAR
 (167482) 2003 YH₅₇ 2003 12 19 704 LINEAR
 (167483) 2003 YR₅₈ 2003 12 19 704 LINEAR
 (167484) 2003 YJ₆₃ 2003 12 19 704 LINEAR
 (167485) 2003 YS₆₃ 2003 12 19 704 LINEAR
 (167486) 2003 YT₆₄ 2003 12 19 704 LINEAR
 (167487) 2003 YE₆₅ 2003 12 19 704 LINEAR
 (167488) 2003 YN₆₆ 2003 12 20 704 LINEAR
 (167489) 2003 YX₇₀ 2003 12 18 704 LINEAR
 (167490) 2003 YU₇₁ 2003 12 18 704 LINEAR
 (167491) 2003 YJ₇₆ 2003 12 18 704 LINEAR
 (167492) 2003 YF₈₀ 2003 12 18 704 LINEAR
 (167493) 2003 YJ₈₃ 2003 12 18 608 NEAT
 (167494) 2003 YO₈₃ 2003 12 19 691 Spacewatch
 (167495) 2003 YT₈₃ 2003 12 19 704 LINEAR
 (167496) 2003 YE₈₄ 2003 12 19 704 LINEAR
 (167497) 2003 YT₈₄ 2003 12 19 704 LINEAR
 (167498) 2003 YV₈₅ 2003 12 19 704 LINEAR
 (167499) 2003 YR₈₇ 2003 12 19 704 LINEAR
 (167500) 2003 YX₈₈ 2003 12 19 691 Spacewatch
 (167501) 2003 YV₈₉ 2003 12 19 691 Spacewatch
 (167502) 2003 YQ₉₀ 2003 12 20 704 LINEAR
 (167503) 2003 YF₉₃ 2003 12 21 704 LINEAR
 (167504) 2003 YW₉₄ 2003 12 19 704 LINEAR
 (167505) 2003 YM₁₀₃ 2003 12 20 704 LINEAR

(167506)	2003 YB ₁₀₅	2003 12 21	703	CSS	(167558)	2004 BX ₃₅	2004 01 19	691	Spacewatch
(167507)	2003 YY ₁₀₅	2003 12 22	704	LINEAR	(167559)	2004 BL ₃₇	2004 01 19	691	Spacewatch
(167508)	2003 YO ₁₀₇	2003 12 17	704	LINEAR	(167560)	2004 BR ₃₇	2004 01 19	691	Spacewatch
(167509)	2003 YS ₁₁₃	2003 12 23	704	LINEAR	(167561)	2004 BX ₃₉	2004 01 21	704	LINEAR
(167510)	2003 YE ₁₁₄	2003 12 25	704	LINEAR	(167562)	2004 BY ₄₀	2004 01 21	704	LINEAR
(167511)	2003 YW ₁₁₅	2003 12 27	704	LINEAR	(167563)	2004 BT ₄₁	2004 01 19	704	LINEAR
(167512)	2003 YN ₁₂₂	2003 12 27	704	LINEAR	(167564)	2004 BY ₄₁	2004 01 19	703	CSS
(167513)	2003 YX ₁₂₈	2003 12 27	704	LINEAR	(167565)	2004 BQ ₄₃	2004 01 22	704	LINEAR
(167514)	2003 YT ₁₃₁	2003 12 28	704	LINEAR	(167566)	2004 BU ₄₅	2004 01 21	704	LINEAR
(167515)	2003 YL ₁₃₈	2003 12 27	704	LINEAR	(167567)	2004 BA ₄₆	2004 01 21	704	LINEAR
(167516)	2003 YO ₁₃₈	2003 12 27	704	LINEAR	(167568)	2004 BR ₄₈	2004 01 21	704	LINEAR
(167517)	2003 YH ₁₃₉	2003 12 28	704	LINEAR	(167569)	2004 BG ₅₁	2004 01 21	704	LINEAR
(167518)	2003 YP ₁₃₉	2003 12 28	691	Spacewatch	(167570)	2004 BG ₅₂	2004 01 21	704	LINEAR
(167519)	2003 YD ₁₄₀	2003 12 28	704	LINEAR	(167571)	2004 BQ ₅₂	2004 01 21	704	LINEAR
(167520)	2003 YB ₁₄₂	2003 12 28	704	LINEAR	(167572)	2004 BD ₆₁	2004 01 21	704	LINEAR
(167521)	2003 YC ₁₄₇	2003 12 29	704	LINEAR	(167573)	2004 BR ₆₁	2004 01 22	704	LINEAR
(167522)	2003 YQ ₁₄₇	2003 12 29	704	LINEAR	(167574)	2004 BW ₆₁	2004 01 22	704	LINEAR
(167523)	2003 YX ₁₄₇	2003 12 29	704	LINEAR	(167575)	2004 BR ₆₂	2004 01 22	704	LINEAR
(167524)	2003 YZ ₁₄₇	2003 12 29	704	LINEAR	(167576)	2004 BQ ₆₉	2004 01 19	699	LONEOS
(167525)	2003 YJ ₁₄₈	2003 12 29	703	CSS	(167577)	2004 BK ₇₁	2004 01 22	704	LINEAR
(167526)	2003 YF ₁₅₀	2003 12 29	704	LINEAR	(167578)	2004 BM ₇₂	2004 01 23	704	LINEAR
(167527)	2003 YF ₁₅₁	2003 12 29	703	CSS	(167579)	2004 BF ₇₃	2004 01 24	704	LINEAR
(167528)	2003 YO ₁₅₁	2003 12 29	703	CSS	(167580)	2004 BP ₇₆	2004 01 25	608	NEAT
(167529)	2003 YA ₁₅₃	2003 12 29	703	CSS	(167581)	2004 BV ₇₆	2004 01 25	608	NEAT
(167530)	2003 YV ₁₅₃	2003 12 29	703	CSS	(167582)	2004 BG ₈₂	2004 01 27	699	LONEOS
(167531)	2003 YQ ₁₅₅	2003 12 26	608	NEAT	(167583)	2004 BY ₈₉	2004 01 23	704	LINEAR
(167532)	2003 YX ₁₅₅	2003 12 30	704	LINEAR	(167584)	2004 BK ₉₀	2004 01 24	704	LINEAR
(167533)	2003 YB ₁₅₉	2003 12 17	704	LINEAR	(167585)	2004 BY ₉₂	2004 01 27	699	LONEOS
(167534)	2003 YF ₁₆₁	2003 12 17	691	Spacewatch	(167586)	2004 BK ₉₄	2004 01 28	704	LINEAR
(167535)	2003 YO ₁₆₁	2003 12 17	704	LINEAR	(167587)	2004 BF ₉₅	2004 01 28	704	LINEAR
(167536)	2003 YE ₁₆₉	2003 12 18	704	LINEAR	(167588)	2004 BX ₁₀₀	2004 01 28	691	Spacewatch
(167537)	2003 YX ₁₇₅	2003 12 21	703	CSS	(167589)	2004 BQ ₁₀₄	2004 01 23	704	LINEAR
(167538)	2004 AM ₁	2004 01 12	644	NEAT	(167590)	2004 BR ₁₀₅	2004 01 26	699	LONEOS
(167539)	2004 AJ ₂	2004 01 13	699	LONEOS	(167591)	2004 BS ₁₀₅	2004 01 26	699	LONEOS
(167540)	2004 AJ ₄	2004 01 15	691	Spacewatch	(167592)	2004 BR ₁₀₆	2004 01 26	699	LONEOS
(167541)	2004 AP ₅	2004 01 13	699	LONEOS	(167593)	2004 BJ ₁₀₇	2004 01 28	703	CSS
(167542)	2004 AQ ₆	2004 01 15	691	Spacewatch	(167594)	2004 BD ₁₁₁	2004 01 29	704	LINEAR
(167543)	2004 AV ₁₀	2004 01 03	704	LINEAR	(167595)	2004 BC ₁₁₂	2004 01 24	704	LINEAR
(167544)	2004 AH ₁₁	2004 01 12	644	NEAT	(167596)	2004 BL ₁₁₆	2004 01 26	699	LONEOS
(167545)	2004 AR ₁₂	2004 01 13	691	Spacewatch	(167597)	2004 BT ₁₁₆	2004 01 27	703	CSS
(167546)	2004 AG ₁₃	2004 01 13	691	Spacewatch	(167598)	2004 BD ₁₁₇	2004 01 28	703	CSS
(167547)	2004 AG ₁₆	2004 01 15	691	Spacewatch	(167599)	2004 BU ₁₁₇	2004 01 29	704	LINEAR
(167548)	2004 AR ₂₆	2004 01 13	644	NEAT	(167600)	2004 BW ₁₂₀	2004 01 31	704	LINEAR
(167549)	2004 BR ₁	2004 01 16	691	Spacewatch	(167601)	2004 BJ ₁₂₄	2004 01 18	644	NEAT
(167550)	2004 BK ₃	2004 01 16	644	NEAT	(167602)	2004 BW ₁₃₇	2004 01 19	691	Spacewatch
(167551)	2004 BF ₉	2004 01 17	644	NEAT	(167603)	2004 BZ ₁₃₈	2004 01 19	691	Spacewatch
(167552)	2004 BU ₉	2004 01 16	644	NEAT	(167604)	2004 BN ₁₄₆	2004 01 22	704	LINEAR
(167553)	2004 BO ₁₃	2004 01 17	644	NEAT	(167605)	2004 BA ₁₅₁	2004 01 18	644	NEAT
(167554)	2004 BJ ₁₆	2004 01 18	644	NEAT	(167606)	2004 BZ ₁₅₁	2004 01 18	644	NEAT
(167555)	2004 BL ₁₈	2004 01 17	644	NEAT	(167607)	2004 BF ₁₅₇	2004 01 28	691	Spacewatch
(167556)	2004 BZ ₂₃	2004 01 19	699	LONEOS	(167608)	2004 CB ₁	2004 02 10	704	LINEAR
(167557)	2004 BR ₃₂	2004 01 19	691	Spacewatch	(167609)	2004 CD ₁	2004 02 01	703	CSS

(167610) 2004 CS ₁	2004 02 11	333	Yeung, W. K. Y.	(167662) 2004 EG ₃₆	2004 03 13	644	NEAT
(167611) 2004 CN ₇	2004 02 10	926	Tenagra II	(167663) 2004 EO ₄₀	2004 03 15	691	Spacewatch
(167612) 2004 CF ₉	2004 02 11	291	Spacewatch	(167664) 2004 EC ₅₉	2004 03 15	703	CSS
(167613) 2004 CW ₉	2004 02 11	703	CSS	(167665) 2004 EL ₆₅	2004 03 14	704	LINEAR
(167614) 2004 CJ ₁₂	2004 02 11	703	CSS	(167666) 2004 EM ₇₀	2004 03 15	691	Spacewatch
(167615) 2004 CK ₁₃	2004 02 11	644	NEAT	(167667) 2004 EK ₇₅	2004 03 14	691	Spacewatch
(167616) 2004 CH ₁₅	2004 02 11	291	Spacewatch	(167668) 2004 EQ ₇₇	2004 03 15	704	LINEAR
(167617) 2004 CJ ₂₁	2004 02 11	699	LONEOS	(167669) 2004 EU ₈₄	2004 03 15	704	LINEAR
(167618) 2004 CV ₂₄	2004 02 12	644	NEAT	(167670) 2004 EM ₈₅	2004 03 15	704	LINEAR
(167619) 2004 CW ₃₄	2004 02 13	691	Spacewatch	(167671) 2004 FR ₄	2004 03 19	E12	Siding Spring
(167620) 2004 CM ₃₅	2004 02 11	644	NEAT	(167672) 2004 FM ₂₉	2004 03 24	621	Bickel, W.
(167621) 2004 CU ₃₅	2004 02 11	703	CSS	(167673) 2004 FX ₃₂	2004 03 16	704	LINEAR
(167622) 2004 CA ₄₄	2004 02 12	691	Spacewatch	(167674) 2004 FO ₃₃	2004 03 16	703	CSS
(167623) 2004 CQ ₅₀	2004 02 03	608	NEAT	(167675) 2004 FJ ₉₈	2004 03 23	704	LINEAR
(167624) 2004 CP ₅₁	2004 02 14	644	NEAT	(167676) 2004 FJ ₁₂₂	2004 03 26	704	LINEAR
(167625) 2004 CJ ₅₇	2004 02 11	644	NEAT	(167677) 2004 FA ₁₄₄	2004 03 28	608	NEAT
(167626) 2004 CX ₆₀	2004 02 11	644	NEAT	(167678) 2004 GC ₁	2004 04 09	703	CSS
(167627) 2004 CD ₇₁	2004 02 12	691	Spacewatch	(167679) 2004 GS ₉	2004 04 10	644	NEAT
(167628) 2004 CS ₇₆	2004 02 11	644	NEAT	(167680) 2004 GY ₃₀	2004 04 13	691	Spacewatch
(167629) 2004 CZ ₇₆	2004 02 11	703	CSS	(167681) 2004 GS ₃₂	2004 04 12	644	NEAT
(167630) 2004 CC ₇₉	2004 02 11	644	NEAT	(167682) 2004 HC ₄	2004 04 16	704	LINEAR
(167631) 2004 CE ₈₇	2004 02 11	644	NEAT	(167683) 2004 HK ₂₀	2004 04 22	333	Yeung, W. K. Y.
(167632) 2004 CO ₉₄	2004 02 12	691	Spacewatch	(167684) 2004 HY ₅₀	2004 04 23	E12	Siding Spring Survey
(167633) 2004 CA ₁₀₇	2004 02 14	644	NEAT	(167685) 2004 JQ	2004 05 09	703	CSS
(167634) 2004 CQ ₁₁₁	2004 02 13	691	Spacewatch	(167686) 2004 JX ₂₃	2004 05 14	599	CINEOS
(167635) 2004 CM ₁₁₃	2004 02 13	699	LONEOS	(167687) 2004 LX	2004 06 09	699	LONEOS
(167636) 2004 CX ₁₁₃	2004 02 13	699	LONEOS	(167688) 2004 LZ ₁₀	2004 06 09	E12	Siding Spring Survey
(167637) 2004 CD ₁₁₄	2004 02 13	699	LONEOS	(167689) 2004 OL	2004 07 16	704	LINEAR
(167638) 2004 CX ₁₁₉	2004 02 12	291	Spacewatch	(167690) 2004 PT ₆₅	2004 08 10	699	LONEOS
(167639) 2004 CX ₁₂₆	2004 02 13	691	Spacewatch	(167691) 2004 QG ₉	2004 08 20	E12	Siding Spring Survey
(167640) 2004 DU	2004 02 16	691	Spacewatch	(167692) 2004 QG ₁₇	2004 08 25	704	LINEAR
(167641) 2004 DH ₄	2004 02 16	704	LINEAR	(167693) 2004 QJ ₂₀	2004 08 25	704	LINEAR
(167642) 2004 DK ₁₀	2004 02 18	333	Yeung, W. K. Y.	(167694) 2004 QZ ₂₀	2004 08 20	703	CSS
(167643) 2004 DP ₁₄	2004 02 16	691	Spacewatch	(167695) 2004 RH ₁₃₇	2004 09 08	704	LINEAR
(167644) 2004 DW ₁₈	2004 02 16	704	LINEAR	(167696) 2004 RF ₁₉₄	2004 09 10	704	LINEAR
(167645) 2004 DU ₂₉	2004 02 17	704	LINEAR	(167697) 2004 RO ₂₅₅	2004 09 06	644	NEAT
(167646) 2004 DS ₃₁	2004 02 17	691	Spacewatch	(167698) 2004 SR ₄	2004 09 17	704	LINEAR
(167647) 2004 DW ₃₇	2004 02 19	704	LINEAR	(167699) 2004 SV ₄₉	2004 09 22	704	LINEAR
(167648) 2004 DG ₄₁	2004 02 18	608	NEAT	(167700) 2004 SQ ₅₇	2004 09 16	699	LONEOS
(167649) 2004 DK ₄₃	2004 02 23	704	LINEAR	(167701) 2004 TM ₁₃	2004 10 08	704	LINEAR
(167650) 2004 DE ₄₈	2004 02 19	704	LINEAR	(167702) 2004 TO ₃₄	2004 10 04	691	Spacewatch
(167651) 2004 DG ₄₉	2004 02 19	704	LINEAR	(167703) 2004 TJ ₃₈	2004 10 04	691	Spacewatch
(167652) 2004 DK ₅₀	2004 02 23	704	LINEAR	(167704) 2004 TE ₈₆	2004 10 05	691	Spacewatch
(167653) 2004 DK ₅₇	2004 02 23	704	LINEAR	(167705) 2004 TF ₁₃₂	2004 10 07	699	LONEOS
(167654) 2004 EU ₃	2004 03 10	644	NEAT	(167706) 2004 TS ₁₃₅	2004 10 08	699	LONEOS
(167655) 2004 ED ₄	2004 03 11	644	NEAT	(167707) 2004 TE ₁₄₈	2004 10 06	691	Spacewatch
(167656) 2004 EC ₇	2004 03 12	644	NEAT	(167708) 2004 TL ₁₅₃	2004 10 06	691	Spacewatch
(167657) 2004 EY ₁₂	2004 03 11	644	NEAT	(167709) 2004 TJ ₁₆₀	2004 10 06	691	Spacewatch
(167658) 2004 EA ₁₅	2004 03 11	644	NEAT	(167710) 2004 TH ₁₇₁	2004 10 08	704	LINEAR
(167659) 2004 EO ₁₈	2004 03 13	644	NEAT	(167711) 2004 TT ₁₈₃	2004 10 07	691	Spacewatch
(167660) 2004 EQ ₁₈	2004 03 14	704	LINEAR	(167712) 2004 TB ₂₀₅	2004 10 07	691	Spacewatch
(167661) 2004 ED ₂₁	2004 03 15	691	Spacewatch	(167713) 2004 TX ₂₀₆	2004 10 07	691	Spacewatch

(167714) 2004 TF ₂₀₈	2004 10 07	691	Spacewatch	(167766) 2004 XS ₁₈₆	2004 12 15	691	Spacewatch
(167715) 2004 TY ₂₁₁	2004 10 08	691	Spacewatch	(167767) 2004 YF ₁₉	2004 12 18	G96	Mt. Lemmon Survey
(167716) 2004 TM ₂₁₃	2004 10 08	691	Spacewatch	(167768) 2004 YL ₂₁	2004 12 18	G96	Mt. Lemmon Survey
(167717) 2004 TM ₂₆₀	2004 10 09	691	Spacewatch	(167769) 2004 YW ₂₂	2004 12 18	G96	Mt. Lemmon Survey
(167718) 2004 TA ₂₇₄	2004 10 09	691	Spacewatch	(167770) 2004 YM ₃₃	2004 12 16	699	LONEOS
(167719) 2004 TO ₂₇₅	2004 10 09	691	Spacewatch	(167771) 2005 AF ₁	2005 01 01	703	CSS
(167720) 2004 TT ₃₂₃	2004 10 11	691	Spacewatch	(167772) 2005 AM ₂	2005 01 06	703	CSS
(167721) 2004 TY ₃₄₄	2004 10 15	691	Spacewatch	(167773) 2005 AP ₇	2005 01 06	703	CSS
(167722) 2004 TR ₃₅₁	2004 10 10	691	Spacewatch	(167774) 2005 AH ₈	2005 01 06	703	CSS
(167723) 2004 VE ₁₉	2004 11 04	691	Spacewatch	(167775) 2005 AM ₁₁	2005 01 01	703	CSS
(167724) 2004 VG ₂₈	2004 11 07	704	LINEAR	(167776) 2005 AR ₁₅	2005 01 06	704	LINEAR
(167725) 2004 VT ₃₁	2004 11 03	691	Spacewatch	(167777) 2005 AC ₁₆	2005 01 06	704	LINEAR
(167726) 2004 VQ ₄₄	2004 11 04	691	Spacewatch	(167778) 2005 AG ₁₆	2005 01 06	704	LINEAR
(167727) 2004 VH ₇₉	2004 11 03	691	Spacewatch	(167779) 2005 AT ₁₆	2005 01 06	704	LINEAR
(167728) 2004 VD ₈₆	2004 11 10	691	Spacewatch	(167780) 2005 AN ₁₇	2005 01 06	704	LINEAR
(167729) 2004 VC ₉₁	2004 11 03	699	LONEOS	(167781) 2005 AY ₁₈	2005 01 07	704	LINEAR
(167730) 2004 WU ₅	2004 11 19	691	Spacewatch	(167782) 2005 AF ₂₁	2005 01 06	703	CSS
(167731) 2004 XV ₁	2004 12 01	703	CSS	(167783) 2005 AC ₂₂	2005 01 06	704	LINEAR
(167732) 2004 XW ₁	2004 12 01	703	CSS	(167784) 2005 AE ₃₁	2005 01 11	704	LINEAR
(167733) 2004 XX ₁₂	2004 12 08	704	LINEAR	(167785) 2005 AT ₃₁	2005 01 11	704	LINEAR
(167734) 2004 XR ₁₃	2004 12 08	704	LINEAR	(167786) 2005 AO ₃₂	2005 01 11	704	LINEAR
(167735) 2004 XS ₁₃	2004 12 08	704	LINEAR	(167787) 2005 AT ₃₃	2005 01 13	691	Spacewatch
(167736) 2004 XB ₂₂	2004 12 08	704	LINEAR	(167788) 2005 AL ₃₆	2005 01 13	704	LINEAR
(167737) 2004 XZ ₂₃	2004 12 09	704	LINEAR	(167789) 2005 AC ₃₉	2005 01 13	691	Spacewatch
(167738) 2004 XD ₂₅	2004 12 09	703	CSS	(167790) 2005 AU ₃₉	2005 01 13	691	Spacewatch
(167739) 2004 XL ₂₅	2004 12 09	703	CSS	(167791) 2005 AM ₄₁	2005 01 15	704	LINEAR
(167740) 2004 XQ ₂₅	2004 12 09	703	CSS	(167792) 2005 AK ₄₃	2005 01 15	704	LINEAR
(167741) 2004 XY ₂₉	2004 12 10	704	LINEAR	(167793) 2005 AO ₄₅	2005 01 14	621	Bickel, W.
(167742) 2004 XL ₃₁	2004 12 09	703	CSS	(167794) 2005 AM ₄₈	2005 01 13	691	Spacewatch
(167743) 2004 XL ₃₂	2004 12 10	704	LINEAR	(167795) 2005 AU ₅₃	2005 01 13	691	Spacewatch
(167744) 2004 XM ₃₄	2004 12 11	291	Spacewatch	(167796) 2005 AP ₆₈	2005 01 13	703	CSS
(167745) 2004 XU ₃₄	2004 12 11	691	Spacewatch	(167797) 2005 AS ₇₂	2005 01 15	691	Spacewatch
(167746) 2004 XQ ₃₅	2004 12 02	691	Spacewatch	(167798) 2005 AF ₈₁	2005 01 15	691	Spacewatch
(167747) 2004 XF ₃₆	2004 12 10	704	LINEAR	(167799) 2005 AQ ₈₁	2005 01 11	704	LINEAR
(167748) 2004 XB ₄₂	2004 12 12	G92	Jarnac	(167800) 2005 BT ₅	2005 01 16	704	LINEAR
(167749) 2004 XW ₅₆	2004 12 10	699	LONEOS	(167801) 2005 BG ₈	2005 01 16	704	LINEAR
(167750) 2004 XW ₆₁	2004 12 10	704	LINEAR	(167802) 2005 BB ₉	2005 01 16	704	LINEAR
(167751) 2004 XZ ₆₇	2004 12 03	691	Spacewatch	(167803) 2005 BH ₁₀	2005 01 16	691	Spacewatch
(167752) 2004 XP ₇₀	2004 12 11	704	LINEAR	(167804) 2005 BC ₁₁	2005 01 16	691	Spacewatch
(167753) 2004 XG ₇₅	2004 12 09	691	Spacewatch	(167805) 2005 BK ₁₁	2005 01 16	691	Spacewatch
(167754) 2004 XL ₇₅	2004 12 09	703	CSS	(167806) 2005 BK ₁₈	2005 01 16	704	LINEAR
(167755) 2004 XN ₇₅	2004 12 09	703	CSS	(167807) 2005 BD ₁₉	2005 01 16	704	LINEAR
(167756) 2004 XM ₈₅	2004 12 12	691	Spacewatch	(167808) 2005 BE ₂₁	2005 01 16	704	LINEAR
(167757) 2004 XW ₉₉	2004 12 12	691	Spacewatch	(167809) 2005 BK ₂₁	2005 01 16	704	LINEAR
(167758) 2004 XT ₁₀₇	2004 12 11	704	LINEAR	(167810) 2005 BN ₂₁	2005 01 16	691	Spacewatch
(167759) 2004 XQ ₁₀₉	2004 12 13	691	Spacewatch	(167811) 2005 BX ₂₅	2005 01 18	703	CSS
(167760) 2004 XQ ₁₃₁	2004 12 11	704	LINEAR	(167812) 2005 CG	2005 02 01	683	Tucker, R. A.
(167761) 2004 XD ₁₃₂	2004 12 11	704	LINEAR	(167813) 2005 CP ₂	2005 02 01	703	CSS
(167762) 2004 XX ₁₃₉	2004 12 13	691	Spacewatch	(167814) 2005 CF ₅	2005 02 01	691	Spacewatch
(167763) 2004 XM ₁₄₁	2004 12 14	704	LINEAR	(167815) 2005 CQ ₅	2005 02 01	644	NEAT
(167764) 2004 XS ₁₄₅	2004 12 14	704	LINEAR	(167816) 2005 CW ₅	2005 02 01	691	Spacewatch
(167765) 2004 XS ₁₇₆	2004 12 11	704	LINEAR	(167817) 2005 CY ₅	2005 02 01	691	Spacewatch

(167818) 2005 CH ₈	2005 02 01	703	CSS	(167870) 2005 EP ₂₇	2005 03 03	703	CSS
(167819) 2005 CQ ₈	2005 02 01	644	NEAT	(167871) 2005 ER ₂₇	2005 03 03	703	CSS
(167820) 2005 CW ₈	2005 02 01	703	CSS	(167872) 2005 ED ₂₈	2005 03 03	703	CSS
(167821) 2005 CS ₁₁	2005 02 01	703	CSS	(167873) 2005 EJ ₂₈	2005 03 03	703	CSS
(167822) 2005 CV ₁₁	2005 02 01	703	CSS	(167874) 2005 ED ₂₉	2005 03 03	703	CSS
(167823) 2005 CK ₁₆	2005 02 02	704	LINEAR	(167875) 2005 EV ₂₉	2005 03 02	G98	Calvin College
(167824) 2005 CJ ₁₇	2005 02 02	704	LINEAR	(167876) 2005 EA ₃₃	2005 03 03	703	CSS
(167825) 2005 CL ₁₈	2005 02 02	703	CSS	(167877) 2005 EH ₃₅	2005 03 03	691	Spacewatch
(167826) 2005 CV ₂₀	2005 02 02	703	CSS	(167878) 2005 EA ₃₆	2005 03 04	703	CSS
(167827) 2005 CA ₂₇	2005 02 01	691	Spacewatch	(167879) 2005 EJ ₃₆	2005 03 04	703	CSS
(167828) 2005 CC ₂₇	2005 02 01	644	NEAT	(167880) 2005 EW ₃₇	2005 03 04	691	Spacewatch
(167829) 2005 CH ₂₇	2005 02 02	704	LINEAR	(167881) 2005 ET ₃₉	2005 03 01	691	Spacewatch
(167830) 2005 CA ₂₈	2005 02 03	644	NEAT	(167882) 2005 EG ₄₄	2005 03 03	691	Spacewatch
(167831) 2005 CY ₄₂	2005 02 02	704	LINEAR	(167883) 2005 EQ ₄₅	2005 03 03	691	Spacewatch
(167832) 2005 CJ ₄₃	2005 02 02	703	CSS	(167884) 2005 ES ₄₅	2005 03 03	691	Spacewatch
(167833) 2005 CB ₄₄	2005 02 02	691	Spacewatch	(167885) 2005 EA ₄₇	2005 03 03	691	Spacewatch
(167834) 2005 CJ ₄₇	2005 02 02	691	Spacewatch	(167886) 2005 EK ₄₈	2005 03 03	703	CSS
(167835) 2005 CR ₄₇	2005 02 02	691	Spacewatch	(167887) 2005 EP ₄₉	2005 03 03	703	CSS
(167836) 2005 CT ₄₇	2005 02 02	691	Spacewatch	(167888) 2005 EQ ₆₁	2005 03 04	704	LINEAR
(167837) 2005 CJ ₅₀	2005 02 02	704	LINEAR	(167889) 2005 EY ₆₄	2005 03 04	704	LINEAR
(167838) 2005 CY ₅₁	2005 02 02	703	CSS	(167890) 2005 EO ₆₇	2005 03 04	704	LINEAR
(167839) 2005 CN ₅₉	2005 02 02	704	LINEAR	(167891) 2005 ET ₆₈	2005 03 07	704	LINEAR
(167840) 2005 CQ ₆₀	2005 02 04	691	Spacewatch	(167892) 2005 ED ₆₉	2005 03 07	704	LINEAR
(167841) 2005 CP ₆₃	2005 02 09	691	Spacewatch	(167893) 2005 EK ₆₉	2005 03 07	704	LINEAR
(167842) 2005 CV ₆₃	2005 02 09	699	LONEOS	(167894) 2005 EU ₇₀	2005 03 04	704	LINEAR
(167843) 2005 CT ₆₄	2005 02 09	G96	Mt. Lemmon Survey	(167895) 2005 EB ₇₃	2005 03 02	703	CSS
(167844) 2005 CC ₆₈	2005 02 02	644	NEAT	(167896) 2005 EO ₇₆	2005 03 03	691	Spacewatch
(167845) 2005 CE ₆₈	2005 02 02	703	CSS	(167897) 2005 EM ₇₇	2005 03 03	703	CSS
(167846) 2005 CH ₆₈	2005 02 02	703	CSS	(167898) 2005 EP ₇₈	2005 03 03	703	CSS
(167847) 2005 CM ₇₄	2005 02 02	644	NEAT	(167899) 2005 ED ₇₉	2005 03 03	703	CSS
(167848) 2005 CR ₇₅	2005 02 02	704	LINEAR	(167900) 2005 EO ₈₀	2005 03 04	691	Spacewatch
(167849) 2005 CS ₇₅	2005 02 02	704	LINEAR	(167901) 2005 EZ ₈₃	2005 03 04	703	CSS
(167850) 2005 CC ₇₆	2005 02 02	691	Spacewatch	(167902) 2005 ET ₈₉	2005 03 08	704	LINEAR
(167851) 2005 CJ ₇₆	2005 02 02	703	CSS	(167903) 2005 EU ₈₉	2005 03 08	699	LONEOS
(167852) 2005 DM	2005 02 17	809	Boattini, A., Scholl, H.	(167904) 2005 EP ₉₁	2005 03 08	691	Spacewatch
(167853) 2005 DN	2005 02 26	143	Sposetti, S.	(167905) 2005 EZ ₉₅	2005 03 03	703	CSS
(167854) 2005 ES	2005 03 01	A44	Ries, W.	(167906) 2005 EG ₉₆	2005 03 03	703	CSS
(167855) 2005 ET	2005 03 01	185	Ory, M.	(167907) 2005 EB ₉₇	2005 03 03	703	CSS
(167856) 2005 ED ₉	2005 03 02	691	Spacewatch	(167908) 2005 EJ ₉₇	2005 03 03	703	CSS
(167857) 2005 EE ₁₀	2005 03 02	691	Spacewatch	(167909) 2005 EP ₉₈	2005 03 03	703	CSS
(167858) 2005 EN ₁₀	2005 03 02	691	Spacewatch	(167910) 2005 EU ₉₉	2005 03 03	703	CSS
(167859) 2005 EV ₁₂	2005 03 02	703	CSS	(167911) 2005 ES ₁₀₀	2005 03 03	703	CSS
(167860) 2005 EG ₁₈	2005 03 03	703	CSS	(167912) 2005 ED ₁₀₁	2005 03 03	703	CSS
(167861) 2005 EV ₁₉	2005 03 03	703	CSS	(167913) 2005 EH ₁₀₂	2005 03 03	703	CSS
(167862) 2005 EB ₂₀	2005 03 03	703	CSS	(167914) 2005 EO ₁₀₂	2005 03 03	691	Spacewatch
(167863) 2005 EW ₂₁	2005 03 03	703	CSS	(167915) 2005 EG ₁₀₈	2005 03 04	703	CSS
(167864) 2005 ED ₂₂	2005 03 03	703	CSS	(167916) 2005 ER ₁₀₈	2005 03 04	703	CSS
(167865) 2005 EV ₂₂	2005 03 03	703	CSS	(167917) 2005 EB ₁₁₁	2005 03 04	G96	Mt. Lemmon Survey
(167866) 2005 EX ₂₂	2005 03 03	703	CSS	(167918) 2005 EF ₁₁₂	2005 03 04	704	LINEAR
(167867) 2005 EC ₂₃	2005 03 03	703	CSS	(167919) 2005 EB ₁₁₈	2005 03 07	704	LINEAR
(167868) 2005 EE ₂₇	2005 03 03	703	CSS	(167920) 2005 ED ₁₁₈	2005 03 07	704	LINEAR
(167869) 2005 EK ₂₇	2005 03 03	703	CSS	(167921) 2005 ET ₁₁₈	2005 03 07	704	LINEAR

(167922)	2005 EE ₁₂₀	2005 03 08	691	Spacewatch	(167974)	2005 FN ₁₀	2005 03 17	703	CSS
(167923)	2005 EO ₁₂₈	2005 03 09	691	Spacewatch	(167975)	2005 GY ₆	2005 04 01	691	Spacewatch
(167924)	2005 EN ₁₃₁	2005 03 09	G96	Mt. Lemmon Survey	(167976)	2005 GS ₈	2005 04 01	683	Reddy, V.
(167925)	2005 ED ₁₃₄	2005 03 09	G96	Mt. Lemmon Survey	(167977)	2005 GC ₁₀	2005 04 01	699	LONEOS
(167926)	2005 EB ₁₄₂	2005 03 10	703	CSS	(167978)	2005 GE ₁₀	2005 04 04	333	Yeung, W. K. Y.
(167927)	2005 EG ₁₄₃	2005 03 10	703	CSS	(167979)	2005 GH ₁₆	2005 04 02	G96	Mt. Lemmon Survey
(167928)	2005 EJ ₁₅₇	2005 03 09	G96	Mt. Lemmon Survey	(167980)	2005 GL ₁₆	2005 04 02	G96	Mt. Lemmon Survey
(167929)	2005 EF ₁₆₀	2005 03 09	G96	Mt. Lemmon Survey	(167981)	2005 GU ₂₂	2005 04 01	691	Spacewatch
(167930)	2005 ET ₁₆₀	2005 03 09	G96	Mt. Lemmon Survey	(167982)	2005 GO ₂₉	2005 04 04	703	CSS
(167931)	2005 ER ₁₆₈	2005 03 11	G96	Mt. Lemmon Survey	(167983)	2005 GT ₃₂	2005 04 04	704	LINEAR
(167932)	2005 EH ₁₇₁	2005 03 07	704	LINEAR	(167984)	2005 GT ₃₇	2005 04 02	E12	Siding Spring Survey
(167933)	2005 EF ₁₇₂	2005 03 07	704	LINEAR	(167985)	2005 GK ₅₀	2005 04 05	691	Spacewatch
(167934)	2005 EK ₁₇₃	2005 03 08	699	LONEOS	(167986)	2005 GX ₆₆	2005 04 02	G96	Mt. Lemmon Survey
(167935)	2005 EJ ₁₇₄	2005 03 08	691	Spacewatch	(167987)	2005 GQ ₆₉	2005 04 03	644	NEAT
(167936)	2005 EX ₁₇₆	2005 03 08	G96	Mt. Lemmon Survey	(167988)	2005 GQ ₇₆	2005 04 05	G96	Mt. Lemmon Survey
(167937)	2005 EA ₁₇₇	2005 03 08	G96	Mt. Lemmon Survey	(167989)	2005 GZ ₈₅	2005 04 04	703	CSS
(167938)	2005 EQ ₁₇₇	2005 03 08	G96	Mt. Lemmon Survey	(167990)	2005 GW ₈₉	2005 04 05	691	Spacewatch
(167939)	2005 EV ₁₇₈	2005 03 09	699	LONEOS	(167991)	2005 GJ ₉₅	2005 04 06	691	Spacewatch
(167940)	2005 EJ ₁₈₄	2005 03 09	G96	Mt. Lemmon Survey	(167992)	2005 GL ₉₅	2005 04 06	691	Spacewatch
(167941)	2005 EP ₁₈₅	2005 03 10	703	CSS	(167993)	2005 GS ₁₀₃	2005 04 09	G96	Mt. Lemmon Survey
(167942)	2005 EQ ₁₈₅	2005 03 10	703	CSS	(167994)	2005 GW ₁₀₉	2005 04 10	G96	Mt. Lemmon Survey
(167943)	2005 EZ ₁₈₆	2005 03 10	699	LONEOS	(167995)	2005 GO ₁₁₆	2005 04 11	691	Spacewatch
(167944)	2005 EY ₁₈₉	2005 03 11	G96	Mt. Lemmon Survey	(167996)	2005 GD ₁₂₀	2005 04 12	H06	Lowe, A.
(167945)	2005 EC ₁₉₄	2005 03 11	G96	Mt. Lemmon Survey	(167997)	2005 GV ₁₂₅	2005 04 10	G96	Mt. Lemmon Survey
(167946)	2005 EC ₂₀₂	2005 03 08	704	LINEAR	(167998)	2005 GC ₁₂₆	2005 04 11	691	Spacewatch
(167947)	2005 EC ₂₀₆	2005 03 13	703	CSS	(167999)	2005 GD ₁₂₉	2005 04 07	704	LINEAR
(167948)	2005 ER ₂₁₀	2005 03 04	691	Spacewatch	(168000)	2005 GY ₁₃₁	2005 04 10	691	Spacewatch
(167949)	2005 EX ₂₁₂	2005 03 04	G96	Mt. Lemmon Survey	(168001)	2005 GW ₁₃₃	2005 04 10	691	Spacewatch
(167950)	2005 EX ₂₁₈	2005 03 10	699	LONEOS	(168002)	2005 GS ₁₃₆	2005 04 10	691	Spacewatch
(167951)	2005 EK ₂₁₉	2005 03 10	G96	Mt. Lemmon Survey	(168003)	2005 GZ ₁₃₇	2005 04 11	G96	Mt. Lemmon Survey
(167952)	2005 EY ₂₁₉	2005 03 10	E12	Siding Spring Survey	(168004)	2005 GP ₁₅₉	2005 04 12	691	Spacewatch
(167953)	2005 EC ₂₂₃	2005 03 10	703	CSS	(168005)	2005 GT ₁₆₁	2005 04 13	703	CSS
(167954)	2005 EX ₂₂₃	2005 03 14	G96	Mt. Lemmon Survey	(168006)	2005 GV ₁₇₀	2005 04 12	699	LONEOS
(167955)	2005 EZ ₂₄₀	2005 03 11	703	CSS	(168007)	2005 GE ₁₈₁	2005 04 12	691	Spacewatch
(167956)	2005 EV ₂₄₂	2005 03 11	703	CSS	(168008)	2005 GZ ₁₈₁	2005 04 12	691	Spacewatch
(167957)	2005 EC ₂₄₅	2005 03 11	691	Spacewatch	(168009)	2005 GK ₂₀₃	2005 04 09	G96	Mt. Lemmon Survey
(167958)	2005 EX ₂₄₈	2005 03 12	G96	Mt. Lemmon Survey	(168010)	2005 HP	2005 04 16	691	Spacewatch
(167959)	2005 EK ₂₄₉	2005 03 13	691	Spacewatch	(168011)	2005 HF ₁	2005 04 16	691	Spacewatch
(167960)	2005 EV ₂₄₉	2005 03 13	152	Moletai	(168012)	2005 HP ₁	2005 04 16	691	Spacewatch
(167961)	2005 EM ₂₅₇	2005 03 11	G96	Mt. Lemmon Survey	(168013)	2005 HK ₄	2005 04 30	428	Broughton, J.
(167962)	2005 EQ ₂₆₇	2005 03 13	691	Spacewatch	(168014)	2005 HS ₄	2005 04 30	691	Spacewatch
(167963)	2005 EM ₂₆₈	2005 03 14	G96	Mt. Lemmon Survey	(168015)	2005 HK ₅	2005 04 30	599	CINEOS
(167964)	2005 EU ₂₇₅	2005 03 08	699	LONEOS	(168016)	2005 HZ ₇	2005 04 30	599	CINEOS
(167965)	2005 EZ ₂₇₅	2005 03 08	699	LONEOS	(168017)	2005 JK ₂	2005 05 03	691	Spacewatch
(167966)	2005 EE ₂₇₇	2005 03 09	699	LONEOS	(168018)	2005 JG ₈	2005 05 04	568	Veillet, C.
(167967)	2005 EX ₂₇₇	2005 03 09	704	LINEAR	(168019)	2005 JX ₈	2005 05 04	568	Veillet, C.
(167968)	2005 EV ₂₇₈	2005 03 09	G96	Mt. Lemmon Survey	(168020)	2005 JJ ₂₁	2005 05 04	E12	Siding Spring Survey
(167969)	2005 ED ₂₈₇	2005 03 13	G96	Mt. Lemmon Survey	(168021)	2005 JX ₂₃	2005 05 03	691	Spacewatch
(167970)	2005 EL ₂₉₁	2005 03 10	703	CSS	(168022)	2005 JK ₄₄	2005 05 08	699	LONEOS
(167971)	2005 EF ₃₀₃	2005 03 11	695	Buie, M. W.	(168023)	2005 JX ₄₆	2005 05 03	691	Spacewatch
(167972)	2005 FB ₁	2005 03 16	703	CSS	(168024)	2005 JC ₇₇	2005 05 09	E12	Siding Spring Survey
(167973)	2005 FB ₄	2005 03 18	704	LINEAR	(168025)	2005 JS ₈₄	2005 05 08	G96	Mt. Lemmon Survey

(168026)	2005 JA ₈₉	2005 05 11	691	Spacewatch	(168078)	2006 DX ₂₇	2006 02 20	691	Spacewatch
(168027)	2005 JQ ₉₂	2005 05 11	644	NEAT	(168079)	2006 DE ₄₆	2006 02 20	691	Spacewatch
(168028)	2005 JK ₉₄	2005 05 07	691	Spacewatch	(168080)	2006 DR ₅₈	2006 02 24	691	Spacewatch
(168029)	2005 JF ₉₈	2005 05 08	691	Spacewatch	(168081)	2006 DB ₅₉	2006 02 24	G96	Mt. Lemmon Survey
(168030)	2005 JQ ₁₀₀	2005 05 09	699	LONEOS	(168082)	2006 DJ ₆₀	2006 02 24	691	Spacewatch
(168031)	2005 JH ₁₀₃	2005 05 09	691	Spacewatch	(168083)	2006 DE ₆₂	2006 02 22	703	CSS
(168032)	2005 JB ₁₀₅	2005 05 11	G96	Mt. Lemmon Survey	(168084)	2006 DC ₆₈	2006 02 24	703	CSS
(168033)	2005 JJ ₁₄₃	2005 05 15	G96	Mt. Lemmon Survey	(168085)	2006 DC ₇₀	2006 02 20	G96	Mt. Lemmon Survey
(168034)	2005 JN ₁₅₁	2005 05 04	691	Spacewatch	(168086)	2006 DF ₇₀	2006 02 20	G96	Mt. Lemmon Survey
(168035)	2005 JV ₁₅₁	2005 05 04	644	NEAT	(168087)	2006 DW ₇₅	2006 02 24	691	Spacewatch
(168036)	2005 JS ₁₅₆	2005 05 04	703	CSS	(168088)	2006 DY ₇₉	2006 02 24	691	Spacewatch
(168037)	2005 JQ ₁₅₇	2005 05 04	644	NEAT	(168089)	2006 DM ₈₄	2006 02 24	691	Spacewatch
(168038)	2005 JC ₁₇₈	2005 05 10	G96	Mt. Lemmon Survey	(168090)	2006 DO ₉₆	2006 02 24	691	Spacewatch
(168039)	2005 LR ₁	2005 06 01	G96	Mt. Lemmon Survey	(168091)	2006 DY ₉₇	2006 02 24	691	Spacewatch
(168040)	2005 LT ₅₁	2005 06 14	691	Spacewatch	(168092)	2006 DM ₁₀₂	2006 02 25	G96	Mt. Lemmon Survey
(168041)	2005 MH ₁₈	2005 06 28	691	Spacewatch	(168093)	2006 DT ₁₀₃	2006 02 25	G96	Mt. Lemmon Survey
(168042)	2005 MN ₂₃	2005 06 24	644	NEAT	(168094)	2006 DB ₁₁₈	2006 02 27	691	Spacewatch
(168043)	2005 NW ₇₀	2005 07 05	644	NEAT	(168095)	2006 DD ₁₂₃	2006 02 24	691	Spacewatch
(168044)	2005 SG	2005 09 21	E12	Siding Spring Survey	(168096)	2006 DU ₁₄₁	2006 02 25	691	Spacewatch
(168045)	2005 YX ₂₁₄	2005 12 30	703	CSS	(168097)	2006 DL ₁₉₂	2006 02 27	691	Spacewatch
(168046)	2006 AQ ₁	2006 01 02	703	CSS	(168098)	2006 DO ₁₉₉	2006 02 23	699	LONEOS
(168047)	2006 BV ₅	2006 01 22	704	LINEAR	(168099)	2006 DQ ₂₀₈	2006 02 25	691	Spacewatch
(168048)	2006 BG ₃₄	2006 01 21	691	Spacewatch	(168100)	2006 DD ₂₁₀	2006 02 20	691	Spacewatch
(168049)	2006 BH ₄₁	2006 01 22	699	LONEOS	(168101)	2006 DJ ₂₁₀	2006 02 20	691	Spacewatch
(168050)	2006 BD ₅₆	2006 01 26	691	Spacewatch	(168102)	2006 DB ₂₁₂	2006 02 25	691	Spacewatch
(168051)	2006 BM ₈₁	2006 01 23	691	Spacewatch	(168103)	2006 DS ₂₁₂	2006 02 27	703	CSS
(168052)	2006 BQ ₉₅	2006 01 26	691	Spacewatch	(168104)	2006 EQ ₈	2006 03 02	691	Spacewatch
(168053)	2006 BT ₉₅	2006 01 26	691	Spacewatch	(168105)	2006 EJ ₁₉	2006 03 02	691	Spacewatch
(168054)	2006 BQ ₁₀₂	2006 01 23	G96	Mt. Lemmon Survey	(168106)	2006 EK ₄₁	2006 03 04	691	Spacewatch
(168055)	2006 BD ₁₂₄	2006 01 26	691	Spacewatch	(168107)	2006 EQ ₄₁	2006 03 04	703	CSS
(168056)	2006 BD ₁₅₇	2006 01 25	691	Spacewatch	(168108)	2006 EM ₅₁	2006 03 04	691	Spacewatch
(168057)	2006 BA ₁₆₇	2006 01 26	G96	Mt. Lemmon Survey	(168109)	2006 EN ₅₃	2006 03 02	G96	Mt. Lemmon Survey
(168058)	2006 BL ₁₉₉	2006 01 30	691	Spacewatch	(168110)	2006 EE ₆₁	2006 03 05	691	Spacewatch
(168059)	2006 BW ₂₅₀	2006 01 31	691	Spacewatch	(168111)	2006 EZ ₆₂	2006 03 05	691	Spacewatch
(168060)	2006 BM ₂₅₄	2006 01 31	691	Spacewatch	(168112)	2006 FG	2006 03 19	704	LINEAR
(168061)	2006 BJ ₂₅₆	2006 01 31	691	Spacewatch	(168113)	2006 FB ₃	2006 03 23	691	Spacewatch
(168062)	2006 BB ₂₆₆	2006 01 31	691	Spacewatch	(168114)	2006 FU ₈	2006 03 23	G96	Mt. Lemmon Survey
(168063)	2006 BH ₂₆₆	2006 01 31	691	Spacewatch	(168115)	2006 FQ ₉	2006 03 24	H06	Lowe, A.
(168064)	2006 BL ₂₆₆	2006 01 31	691	Spacewatch	(168116)	2006 FL ₁₁	2006 03 23	691	Spacewatch
(168065)	2006 BM ₂₆₆	2006 01 31	691	Spacewatch	(168117)	2006 FW ₁₁	2006 03 23	691	Spacewatch
(168066)	2006 BO ₂₆₉	2006 01 28	699	LONEOS	(168118)	2006 FS ₂₃	2006 03 24	691	Spacewatch
(168067)	2006 CO ₇	2006 02 01	G96	Mt. Lemmon Survey	(168119)	2006 FZ ₂₇	2006 03 24	G96	Mt. Lemmon Survey
(168068)	2006 CC ₂₃	2006 02 01	691	Spacewatch	(168120)	2006 FM ₃₀	2006 03 25	691	Spacewatch
(168069)	2006 CT ₃₈	2006 02 02	691	Spacewatch	(168121)	2006 FN ₃₂	2006 03 25	691	Spacewatch
(168070)	2006 CK ₄₁	2006 02 02	691	Spacewatch	(168122)	2006 FV ₃₄	2006 03 25	644	NEAT
(168071)	2006 CW ₄₃	2006 02 02	691	Spacewatch	(168123)	2006 FP ₃₇	2006 03 24	E12	Siding Spring Survey
(168072)	2006 DU ₄	2006 02 20	691	Spacewatch	(168124)	2006 FL ₄₄	2006 03 23	G96	Mt. Lemmon Survey
(168073)	2006 DW ₆	2006 02 20	691	Spacewatch	(168125)	2006 FS ₄₄	2006 03 24	699	LONEOS
(168074)	2006 DL ₁₉	2006 02 20	691	Spacewatch	(168126)	2006 GK	2006 04 01	D35	Ye, Q.-z.
(168075)	2006 DZ ₂₁	2006 02 20	691	Spacewatch	(168127)	2006 GC ₃	2006 04 06	224	Rinner, C.
(168076)	2006 DP ₂₂	2006 02 20	691	Spacewatch	(168128)	2006 GO ₇	2006 04 02	691	Spacewatch
(168077)	2006 DG ₂₃	2006 02 20	691	Spacewatch	(168129)	2006 GS ₁₉	2006 04 02	691	Spacewatch

(168130)	2006	GD ₂₈	2006 04 02	691	Spacewatch	(168182)	2006	HS ₉₀	2006 04 26	699	LONEOS
(168131)	2006	GZ ₃₁	2006 04 06	703	CSS	(168183)	2006	HT ₉₆	2006 04 30	691	Spacewatch
(168132)	2006	GG ₃₂	2006 04 06	E12	Siding Spring Survey	(168184)	2006	HH ₁₀₂	2006 04 30	691	Spacewatch
(168133)	2006	GE ₃₇	2006 04 08	G96	Mt. Lemmon Survey	(168185)	2006	HV ₁₀₂	2006 04 30	691	Spacewatch
(168134)	2006	GP ₃₇	2006 04 09	691	Spacewatch	(168186)	2006	HX ₁₀₈	2006 04 30	703	CSS
(168135)	2006	GU ₃₈	2006 04 06	E12	Siding Spring Survey	(168187)	2006	HG ₁₁₄	2006 04 25	G96	Mt. Lemmon Survey
(168136)	2006	GP ₄₁	2006 04 07	703	CSS	(168188)	2006	HN ₁₁₅	2006 04 26	691	Spacewatch
(168137)	2006	GD ₄₂	2006 04 09	704	LINEAR	(168189)	2006	HF ₁₁₇	2006 04 26	G96	Mt. Lemmon Survey
(168138)	2006	GW ₄₉	2006 04 07	703	CSS	(168190)	2006	HA ₁₂₁	2006 04 30	691	Spacewatch
(168139)	2006	GA ₅₀	2006 04 07	E12	Siding Spring Survey	(168191)	2006	HQ ₁₅₂	2006 04 30	703	CSS
(168140)	2006	GB ₅₂	2006 04 08	E12	Siding Spring Survey	(168192)	2006	JZ	2006 05 03	428	Broughton, J.
(168141)	2006	HL	2006 04 18	691	Spacewatch	(168193)	2006	JH ₁	2006 05 01	691	Spacewatch
(168142)	2006	HB ₃	2006 04 18	691	Spacewatch	(168194)	2006	JT ₁	2006 05 01	704	LINEAR
(168143)	2006	HX ₇	2006 04 18	691	Spacewatch	(168195)	2006	JZ ₁	2006 05 01	704	LINEAR
(168144)	2006	HP ₈	2006 04 19	691	Spacewatch	(168196)	2006	JL ₅	2006 05 03	G96	Mt. Lemmon Survey
(168145)	2006	HA ₂₄	2006 04 20	691	Spacewatch	(168197)	2006	JV ₁₀	2006 05 01	691	Spacewatch
(168146)	2006	HY ₂₄	2006 04 20	691	Spacewatch	(168198)	2006	JR ₁₇	2006 05 02	G96	Mt. Lemmon Survey
(168147)	2006	HV ₂₇	2006 04 20	691	Spacewatch	(168199)	2006	JY ₁₈	2006 05 02	G96	Mt. Lemmon Survey
(168148)	2006	HP ₃₀	2006 04 25	H06	Lowe, A.	(168200)	2006	JZ ₁₉	2006 05 02	691	Spacewatch
(168149)	2006	HH ₃₁	2006 04 18	699	LONEOS	(168201)	2006	JJ ₂₃	2006 05 03	G96	Mt. Lemmon Survey
(168150)	2006	HA ₃₃	2006 04 19	644	NEAT	(168202)	2006	JP ₂₆	2006 05 05	428	Broughton, J.
(168151)	2006	HC ₃₅	2006 04 19	G96	Mt. Lemmon Survey	(168203)	2006	JB ₂₇	2006 05 05	461	Sárneczky, K.
(168152)	2006	HO ₄₀	2006 04 21	703	CSS	(168204)	2006	JP ₂₇	2006 05 01	704	LINEAR
(168153)	2006	HJ ₄₂	2006 04 23	691	Spacewatch	(168205)	2006	JE ₂₈	2006 05 03	691	Spacewatch
(168154)	2006	HM ₄₂	2006 04 23	704	LINEAR	(168206)	2006	JH ₂₉	2006 05 03	691	Spacewatch
(168155)	2006	HY ₄₆	2006 04 20	691	Spacewatch	(168207)	2006	JK ₂₉	2006 05 03	691	Spacewatch
(168156)	2006	HZ ₄₆	2006 04 20	691	Spacewatch	(168208)	2006	JH ₃₀	2006 05 03	691	Spacewatch
(168157)	2006	HE ₄₇	2006 04 20	703	CSS	(168209)	2006	JP ₃₀	2006 05 03	691	Spacewatch
(168158)	2006	HQ ₄₉	2006 04 25	704	LINEAR	(168210)	2006	JW ₃₇	2006 05 05	699	LONEOS
(168159)	2006	HH ₅₂	2006 04 18	699	LONEOS	(168211)	2006	JF ₃₉	2006 05 06	G96	Mt. Lemmon Survey
(168160)	2006	HB ₅₅	2006 04 21	704	LINEAR	(168212)	2006	JJ ₄₃	2006 05 05	691	Spacewatch
(168161)	2006	HE ₅₇	2006 04 24	704	LINEAR	(168213)	2006	JE ₄₅	2006 05 07	G96	Mt. Lemmon Survey
(168162)	2006	HK ₅₇	2006 04 24	699	LONEOS	(168214)	2006	JO ₄₆	2006 05 07	691	Spacewatch
(168163)	2006	HW ₅₉	2006 04 24	699	LONEOS	(168215)	2006	JF ₄₇	2006 05 10	644	NEAT
(168164)	2006	HV ₆₀	2006 04 27	621	Bickel, W.	(168216)	2006	JS ₄₈	2006 05 08	E12	Siding Spring Survey
(168165)	2006	HA ₆₁	2006 04 28	704	LINEAR	(168217)	2006	JH ₅₃	2006 05 06	G96	Mt. Lemmon Survey
(168166)	2006	HT ₆₃	2006 04 24	691	Spacewatch	(168218)	2006	JV ₅₄	2006 05 08	G96	Mt. Lemmon Survey
(168167)	2006	HU ₆₃	2006 04 24	691	Spacewatch	(168219)	2006	JK ₅₅	2006 05 09	G96	Mt. Lemmon Survey
(168168)	2006	HD ₆₉	2006 04 24	G96	Mt. Lemmon Survey	(168220)	2006	JQ ₅₇	2006 05 08	G96	Mt. Lemmon Survey
(168169)	2006	HP ₆₉	2006 04 24	691	Spacewatch	(168221)	2006	JO ₆₀	2006 05 01	695	Buie, M. W.
(168170)	2006	HX ₇₆	2006 04 25	644	NEAT	(168222)	2006	KU	2006 05 18	644	NEAT
(168171)	2006	HM ₇₇	2006 04 25	691	Spacewatch	(168223)	2006	KY ₁	2006 05 16	644	NEAT
(168172)	2006	HE ₈₀	2006 04 26	691	Spacewatch	(168224)	2006	KA ₇	2006 05 19	G96	Mt. Lemmon Survey
(168173)	2006	HF ₈₂	2006 04 26	691	Spacewatch	(168225)	2006	KV ₁₀	2006 05 19	G96	Mt. Lemmon Survey
(168174)	2006	HG ₈₂	2006 04 26	691	Spacewatch	(168226)	2006	KH ₁₅	2006 05 20	G96	Mt. Lemmon Survey
(168175)	2006	HP ₈₃	2006 04 26	691	Spacewatch	(168227)	2006	KQ ₂₇	2006 05 20	691	Spacewatch
(168176)	2006	HS ₈₃	2006 04 26	691	Spacewatch	(168228)	2006	KA ₃₂	2006 05 20	691	Spacewatch
(168177)	2006	HU ₈₃	2006 04 26	691	Spacewatch	(168229)	2006	KH ₃₅	2006 05 20	691	Spacewatch
(168178)	2006	HN ₈₄	2006 04 26	691	Spacewatch	(168230)	2006	KV ₃₉	2006 05 23	E12	Siding Spring Survey
(168179)	2006	HT ₈₅	2006 04 27	691	Spacewatch	(168231)	2006	KK ₄₀	2006 05 18	644	NEAT
(168180)	2006	HV ₈₈	2006 04 30	691	Spacewatch	(168232)	2006	KO ₄₁	2006 05 19	644	NEAT
(168181)	2006	HQ ₉₀	2006 04 26	691	Spacewatch	(168233)	2006	KC ₄₄	2006 05 21	691	Spacewatch

(168234)	2006 KX ₆₇	2006 05 25	D35	Ye, Q.-z.
(168235)	2006 KZ ₇₂	2006 05 23	691	Spacewatch
(168236)	2006 KA ₈₀	2006 05 25	G96	Mt. Lemmon Survey
(168237)	2006 KH ₈₀	2006 05 25	G96	Mt. Lemmon Survey
(168238)	2006 KM ₈₀	2006 05 25	G96	Mt. Lemmon Survey
(168239)	2006 KK ₈₂	2006 05 25	G96	Mt. Lemmon Survey
(168240)	2006 KW ₈₄	2006 05 24	644	NEAT
(168241)	2006 KD ₈₆	2006 05 21	703	CSS
(168242)	2006 KO ₈₆	2006 05 24	644	NEAT
(168243)	2006 KB ₉₀	2006 05 22	E12	Siding Spring Survey
(168244)	2006 KW ₉₈	2006 05 26	704	LINEAR
(168245)	2006 KX ₉₈	2006 05 26	G96	Mt. Lemmon Survey
(168246)	2006 KF ₁₀₁	2006 05 25	G96	Mt. Lemmon Survey
(168247)	2006 KA ₁₀₂	2006 05 27	691	Spacewatch
(168248)	2006 KC ₁₀₃	2006 05 29	704	LINEAR
(168249)	2006 KF ₁₀₅	2006 05 28	691	Spacewatch
(168250)	2006 KU ₁₀₉	2006 05 31	G96	Mt. Lemmon Survey
(168251)	2006 KY ₁₂₁	2006 05 30	E12	Siding Spring Survey
(168252)	2006 LA ₁	2006 06 02	F84	Hoenig, S. F., Teamo, N.
(168253)	2006 LZ ₂	2006 06 14	644	NEAT
(168254)	2006 LY ₃	2006 06 15	691	Spacewatch
(168255)	2006 LO ₇	2006 06 06	E12	Siding Spring Survey
(168256)	2006 MY	2006 06 16	691	Spacewatch
(168257)	2006 MF ₁	2006 06 16	691	Spacewatch
(168258)	2006 MO ₃	2006 06 16	644	NEAT
(168259)	2006 MM ₉	2006 06 19	691	Spacewatch
(168260)	2006 NT	2006 07 02	734	Eskridge
(168261)	2006 PW ₃	2006 08 15	A55	Casulli, V. S.
(168262)	2006 PJ ₂₇	2006 08 12	E12	Siding Spring Survey
(168263)	2006 PX ₃₆	2006 08 12	644	NEAT
(168264)	2006 PO ₃₇	2006 08 13	644	NEAT
(168265)	2006 QH ₃₇	2006 08 16	E12	Siding Spring Survey
(168266)	2006 QJ ₄₆	2006 08 20	644	NEAT
(168267)	2006 SA ₃₅₃	2006 09 30	703	CSS
(168268)	2007 PQ ₁	2007 08 05	106	Crni Vrh
(168269)	2007 PS ₁	2007 08 05	428	Broughton, J.
(168270)	2007 PY ₁	2007 08 06	J95	Birtwhistle, P.
(168271)	2007 PE ₆	2007 08 08	704	LINEAR
(168272)	2007 PY ₇	2007 08 10	428	Broughton, J.
(168273)	2007 PJ ₁₆	2007 08 08	704	LINEAR
(168274)	2007 PU ₁₆	2007 08 08	704	LINEAR
(168275)	2007 PZ ₁₆	2007 08 08	704	LINEAR
(168276)	2007 PS ₁₇	2007 08 09	704	LINEAR
(168277)	2007 PP ₂₁	2007 08 09	704	LINEAR
(168278)	2007 PJ ₂₉	2007 08 09	704	LINEAR
(168279)	2007 PV ₃₂	2007 08 09	704	LINEAR
(168280)	2007 QR ₅	2007 08 18	D29	PMO Neo Survey Program
(168281)	2007 QM ₈	2007 08 21	699	LONEOS
(168282)	2007 QU ₉	2007 08 22	704	LINEAR
(168283)	2007 RR ₂₃	2007 09 03	703	CSS
(168284)	2007 RT ₃₆	2007 09 08	699	LONEOS
(168285)	2007 RZ ₇₇	2007 09 10	G96	Mt. Lemmon Survey

(168286)	2007 RJ ₁₁₇	2007 09 11	691	Spacewatch
(168287)	2007 RG ₁₄₅	2007 09 14	704	LINEAR
(168288)	2007 RO ₂₁₀	2007 09 11	691	Spacewatch
(168289)	2007 SD	2007 09 17	H06	Lowe, A.
(168290)	2045 P-L	1960 09 24	675	van Houten & Gehrels
(168291)	3041 P-L	1960 09 24	675	van Houten & Gehrels
(168292)	4267 P-L	1960 09 25	675	van Houten & Gehrels
(168293)	4724 P-L	1960 09 24	675	van Houten & Gehrels
(168294)	4883 P-L	1960 09 24	675	van Houten & Gehrels
(168295)	6280 P-L	1960 09 24	675	van Houten & Gehrels
(168296)	6740 P-L	1960 09 24	675	van Houten & Gehrels
(168297)	7575 P-L	1960 10 17	675	van Houten & Gehrels
(168298)	3230 T-1	1971 03 26	675	van Houten & Gehrels
(168299)	1048 T-2	1973 09 29	675	van Houten & Gehrels
(168300)	1217 T-2	1973 09 29	675	van Houten & Gehrels
(168301)	1315 T-2	1973 09 29	675	van Houten & Gehrels
(168302)	1428 T-2	1973 09 29	675	van Houten & Gehrels
(168303)	2223 T-2	1973 09 29	675	van Houten & Gehrels
(168304)	3125 T-2	1973 09 30	675	van Houten & Gehrels
(168305)	3205 T-2	1973 09 30	675	van Houten & Gehrels
(168306)	4255 T-2	1973 09 29	675	van Houten & Gehrels
(168307)	1206 T-3	1977 10 17	675	van Houten & Gehrels
(168308)	1216 T-3	1977 10 17	675	van Houten & Gehrels
(168309)	2167 T-3	1977 10 16	675	van Houten & Gehrels
(168310)	2316 T-3	1977 10 16	675	van Houten & Gehrels
(168311)	3312 T-3	1977 10 16	675	van Houten & Gehrels
(168312)	3396 T-3	1977 10 16	675	van Houten & Gehrels
(168313)	5009 T-3	1977 10 16	675	van Houten & Gehrels

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2007 Oct 27.0 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>
(164613)	16.3	189.15240	359.74334	185.36851	13.52542	0.1102468	2.5497870124569	
(164614)	15.7	294.65421	306.51571	179.36999	5.56646	0.1831257	3.1713193124569	
(164615)	15.8	28.04738	226.49322	145.10957	13.18303	0.3042857	2.6324414124569	
(164616)	16.2	18.21067	160.49078	239.67352	3.93675	0.3300869	2.5839505124569	
(164617)	16.2	14.02626	225.68343	129.83609	1.00499	0.3904562	3.1753320124570	
(164618)	15.2	255.73455	282.73357	209.16326	10.68383	0.0396464	3.0888039124570	
(164619)	16.1	244.15299	31.76711	117.24512	2.64494	0.1370511	2.6326769124571	
(164620)	16.3	27.63482	92.45638	281.57545	1.16774	0.2174345	2.3770020124571	
(164621)	16.9	351.01713	11.53648	47.38618	2.12199	0.1762053	2.3780747124571	
(164622)	16.5	213.85697	356.81151	162.15561	5.60596	0.0897184	2.5725186124571	
(164623)	14.9	266.75124	113.12162	14.31837	18.51126	0.1522637	3.1461533124572	
(164624)	16.6	147.49919	61.41015	187.33793	3.53959	0.0899099	2.1729738124572	
(164625)	15.8	10.50241	183.06615	178.95868	4.44190	0.0858878	2.8021764124572	
(164626)	15.8	19.16853	192.39498	174.89176	5.41143	0.0597467	2.7849973124573	
(164627)	16.9	30.77547	221.83988	139.38809	4.16312	0.1589195	2.2983134124573	
(164628)	16.5	320.23053	274.94931	152.46708	4.94083	0.0783762	2.3174316124573	
(164629)	14.2	21.45461	297.43356	68.85441	3.97539	0.1456584	3.9274394124574	
(164630)	15.8	350.97792	159.42749	257.83254	1.33168	0.2070569	2.5985121124574	
(164631)	15.8	97.13035	250.21140	356.34256	10.94531	0.1989031	2.6632713124574	
(164632)	17.2	72.36545	332.85994	323.76866	2.98327	0.1615063	2.1671533124574	

(164633) 16.5 22.96783 295.92302 23.29887 2.30768 0.0862542 2.6978216124575
 (164634) 16.1 0.12702 119.03697 264.37226 2.88849 0.2281728 2.6653282124575
 (164635) 15.8 352.11344 198.97075 214.58541 11.56658 0.1829882 2.6680800124575
 (164636) 16.9 346.39036 56.32545 345.56985 3.17415 0.0703292 2.2673830124576
 (164637) 17.3 106.39877 246.94748 42.91755 2.36498 0.0142846 2.2712827124576
 (164638) 16.4 203.13076 34.04960 119.48042 3.20665 0.0997451 2.9186905124576
 (164639) 17.0 148.75832 213.68318 8.64027 5.97072 0.1862810 2.3451274124577
 (164640) 16.7 270.71097 36.96128 75.36514 3.58986 0.1179680 2.3099495124577
 (164641) 15.4 53.90963 176.61463 158.36647 11.68164 0.0958875 3.1317387124577
 (164642) 17.0 21.94437 148.42491 178.93969 4.00763 0.1609507 2.5280778124577
 (164643) 15.3 57.40265 334.32779 350.15625 4.03243 0.1329883 3.2145696124578
 (164644) 15.8 142.52836 108.63791 149.32102 0.98649 0.1593397 3.1394988124578
 (164645) 15.8 297.99515 248.66998 200.37117 1.58481 0.0920933 3.2134749124578
 (164646) 16.4 166.08890 167.69661 30.91668 7.03083 0.0761455 2.5368815124578
 (164647) 15.9 219.01863 43.24957 142.66588 3.23029 0.0551263 3.2180345124579
 (164648) 15.5 20.82755 336.67632 88.76846 5.66333 0.1682061 3.1728156124579
 (164649) 16.6 179.70936 311.89761 237.87694 7.40983 0.1421120 2.6082333124579
 (164650) 16.5 174.26946 359.84727 183.74861 5.65289 0.1969948 2.6430841124579
 (164651) 16.3 212.22094 183.10897 20.86786 2.16970 0.0482584 2.6040591124580
 (164652) 16.4 62.17811 147.23700 175.23390 9.15390 0.1150254 2.6676790124580
 (164653) 17.4 62.49483 186.28910 84.74815 2.74777 0.2329660 2.2945532124580
 (164654) 15.4 76.29361 214.49309 98.61979 4.98090 0.0741453 2.7534298124580
 (164655) 17.0 121.11811 73.53337 168.96401 5.02677 0.0849199 2.2489981124581
 (164656) 16.3 356.53501 172.12982 249.03502 6.23403 0.2142794 2.3456708124581
 (164657) 15.9 279.29709 127.75092 351.25119 11.43900 0.0295539 2.3353981124581
 (164658) 15.7 10.04895 172.81253 160.01871 17.07156 0.0872091 3.1351858124581
 (164659) 14.7 161.62512 214.78298 349.37559 4.79148 0.1252488 3.0839940124582
 (164660) 16.7 240.52184 157.62796 344.34301 2.30538 0.1325487 2.3674910124582
 (164661) 14.8 345.97110 110.48878 282.26981 7.01452 0.0881681 3.1189152124582
 (164662) 15.2 330.49426 32.98205 18.31969 9.49244 0.1005419 3.1131236124583
 (164663) 17.3 357.35651 357.22744 29.56317 1.67065 0.1794628 2.3838422124583
 (164664) 16.6 294.43283 149.74063 321.28787 6.56686 0.1606921 2.3508378124583
 (164665) 15.6 82.33758 61.99370 211.29277 18.42333 0.3344161 3.1041311124584
 (164666) 17.2 66.60878 264.92593 44.76235 1.79422 0.2011733 2.3781283124584
 (164667) 16.5 49.04449 4.06142 326.90836 0.69171 0.2035776 2.3750659124584
 (164668) 16.3 94.61961 354.23408 291.16891 5.99368 0.1271497 2.3393945124585
 (164669) 14.8 284.88914 86.91371 7.63066 14.38197 0.2079194 3.2015029124585
 (164670) 15.7 35.04296 289.97941 86.85995 6.12822 0.3344094 2.3544093124585
 (164671) 16.1 0.68357 101.78019 302.02099 6.06489 0.1220933 2.4345046124586
 (164672) 16.7 279.43969 39.19083 73.02295 2.39804 0.1504343 2.4287565124586
 (164673) 15.0 31.94419 220.82849 142.34119 18.59403 0.1558084 3.3408578124586
 (164674) 16.0 47.72322 214.70762 8.15893 6.11824 0.1351606 2.6267384124587
 (164675) 16.5 57.38005 97.61441 174.87910 3.45639 0.0588535 2.6954057124587
 (164676) 15.5 157.52069 13.41491 168.04379 13.87881 0.2014712 2.6513284124587
 (164677) 16.1 149.61651 191.91200 24.14137 6.00249 0.0704055 2.6398023124588
 (164678) 16.4 223.21399 147.96446 25.84312 1.96929 0.1114562 2.5514615124588
 (164679) 16.6 109.41968 59.46896 189.26824 11.54314 0.3274227 2.6975287124588
 (164680) 16.0 147.72988 182.34451 30.96258 5.23898 0.0623626 2.6427739124589
 (164681) 14.9 66.76924 271.91909 56.79248 13.07577 0.2051565 2.6602218124589
 (164682) 15.5 326.82456 319.30610 102.67656 14.70094 0.1646684 2.6572962124589
 (164683) 16.6 115.71289 120.55602 151.63710 3.61355 0.0622662 2.6636596124589
 (164684) 16.7 205.68148 19.72385 165.47912 4.05636 0.1456167 2.6204996124590

(164685) 17.5 69.87381 169.60473 128.17005 2.75896 0.1934565 2.1502058124590
 (164686) 15.6 335.88847 208.91994 207.13569 10.22028 0.1618192 2.8075168124590
 (164687) 15.9 320.54623 229.60690 209.02072 9.89144 0.0878324 2.7763542124590
 (164688) 16.9 24.43760 182.47609 192.36614 4.97407 0.1033767 2.1984275124591
 (164689) 16.5 51.39719 286.69094 10.69583 1.53134 0.1830116 2.9087183124591
 (164690) 16.5 312.61633 89.25399 348.97643 5.79773 0.1351366 2.2392725124591
 (164691) 17.2 278.27416 148.41047 324.65298 3.72998 0.1439131 2.2455684124592
 (164692) 16.0 313.41733 211.70286 216.68631 1.43713 0.0550013 2.9629782124592
 (164693) 16.8 81.13118 235.26035 28.25334 3.51958 0.0454593 2.2963265124592
 (164694) 17.8 44.26735 346.57181 355.53865 1.04716 0.0993191 2.2299299124593
 (164695) 16.5 37.97303 265.27516 32.20276 7.86594 0.2404115 3.0144145124593
 (164696) 14.2 15.59896 91.13854 249.80522 9.25694 0.0710079 3.0953418124593
 (164697) 16.5 339.89080 30.27759 29.79663 7.19734 0.1235165 2.2291783124594
 (164698) 15.0 325.75142 352.96247 75.89768 15.29294 0.2317731 2.9886505124594
 (164699) 15.7 299.02920 44.67677 70.13097 2.52778 0.0994418 2.9294379124594
 (164700) 16.5 7.95678 271.90844 104.96374 7.48671 0.1322522 2.3094934124594
 (164701) 16.3 228.32602 43.10389 120.54451 1.40469 0.1550301 2.3407151124595
 (164702) 16.7 103.35165 190.75247 69.54319 2.11445 0.1626040 2.3924741124595
 (164703) 15.2 314.84184 128.70235 299.25222 8.19826 0.0773244 3.1427902124596
 (164704) 16.7 356.31631 94.17712 297.12663 1.69722 0.1318769 2.3211433124596
 (164705) 17.0 174.60453 352.50014 189.53782 5.35602 0.1971311 2.4261689124596
 (164706) 16.8 301.49672 82.24736 353.90392 6.41198 0.1047785 2.3705379124597
 (164707) 16.1 296.48338 122.71205 321.10934 6.66652 0.0844494 2.3501190124597
 (164708) 17.7 188.89545 80.20720 109.27299 1.31336 0.1350385 2.4056239124597
 (164709) 16.4 84.63406 337.12253 257.39722 2.40917 0.1392836 2.5577642124597
 (164710) 17.0 260.59991 328.59525 194.75374 5.26617 0.2148461 2.3257911124598
 (164711) 16.3 208.56784 227.20412 333.18504 4.23612 0.1864662 2.3783205124598
 (164712) 16.3 184.70391 178.78337 11.46239 2.42831 0.1222065 2.4370110124598
 (164713) 16.7 178.21894 307.58236 263.63863 0.52712 0.1297137 2.4219505124599
 (164714) 16.9 261.84922 134.52611 31.65605 9.76196 0.1516653 1.8851643124599
 (164715) 15.9 267.28897 108.43959 2.28085 9.82449 0.1709542 2.3914493124599
 (164716) 15.3 276.73238 56.41829 35.49298 24.60162 0.1470782 1.9370067124600
 (164717) 16.5 235.69990 40.59246 91.58579 2.54154 0.1163150 2.4248140124600
 (164718) 17.3 256.89396 106.90730 42.78914 22.32859 0.1075884 1.9201481124600
 (164719) 17.1 282.89056 86.08836 38.74767 21.73574 0.1145096 1.9148655124601
 (164720) 15.3 217.54302 160.32336 40.26237 12.42746 0.2158943 2.3985354124601
 (164721) 16.3 74.94206 121.04664 195.30323 3.16008 0.2129890 2.6095966124602
 (164722) 15.7 32.90458 46.71743 286.45708 11.37453 0.2847543 2.6834981124602
 (164723) 15.6 61.54355 53.47080 245.02974 9.41709 0.2321698 2.6734176124602
 (164724) 15.1 44.87881 131.04175 223.13201 14.16171 0.1389860 2.6436051124602
 (164725) 15.6 27.90211 196.97449 161.53972 11.81360 0.3880547 2.6830464124603
 (164726) 15.1 16.69028 147.10841 264.59522 11.50294 0.2822144 2.6926449124603
 (164727) 15.9 87.76554 282.82235 24.46093 14.55908 0.0887537 2.6482320124603
 (164728) 16.1 346.74618 259.10583 164.15879 13.65082 0.2728395 2.6587519124604
 (164729) 15.4 72.32445 304.92114 3.16302 12.22803 0.1675126 2.6559783124604
 (164730) 15.8 40.34830 127.69119 200.86745 12.52937 0.2420943 2.6977576124604
 (164731) 16.2 11.28298 3.21316 13.44400 1.83486 0.2492472 2.6926449124605
 (164732) 15.7 24.04184 139.36688 175.96810 7.09772 0.1976593 2.7701653124605
 (164733) 15.8 61.80019 156.54539 150.07510 5.42966 0.3282391 2.6646999124605
 (164734) 16.0 226.18674 337.35219 187.52357 3.68335 0.1007871 2.7080797124606
 (164735) 15.2 57.63449 178.74667 160.72923 5.98100 0.1566832 2.6670423124606
 (164736) 16.2 217.94132 169.86318 355.87251 3.27197 0.0221423 2.6850392124606

(164737) 16.3 93.69749 52.20977 228.34670 1.55654 0.1609100 2.7213785124607
 (164738) 15.2 59.98067 261.62798 15.94019 14.10440 0.2536468 2.7265149124607
 (164739) 16.3 333.14494 213.59274 177.33385 14.04113 0.1740231 2.7662391124607
 (164740) 15.6 3.73349 186.68992 181.61275 12.02896 0.2280760 2.7349779124608
 (164741) 15.6 20.16332 327.91288 84.63173 4.32840 0.2729185 2.6284903124608
 (164742) 15.4 25.58595 161.11414 201.73716 12.13368 0.2669930 2.6981485124609
 (164743) 15.6 350.93477 41.35901 15.45332 4.13804 0.0924384 2.6722639124609
 (164744) 15.0 277.43493 229.29974 236.35257 6.59525 0.2354745 2.8045627124609
 (164745) 16.4 340.63861 245.83791 174.10465 1.20183 0.0831095 2.7197820124610
 (164746) 16.0 319.69556 41.91457 19.67243 6.23084 0.0853176 2.7382967124610
 (164747) 15.5 178.34856 170.59567 33.94069 7.51841 0.2011732 2.7705825124610
 (164748) 16.1 84.89175 99.53690 220.45872 1.66994 0.0453988 2.6888645124611
 (164749) 16.6 297.80213 59.86165 21.46620 4.43923 0.0406855 2.7709934124611
 (164750) 16.0 8.92552 201.53063 176.61515 8.24415 0.1309232 2.7065768124611
 (164751) 15.5 263.15291 243.55365 234.12936 4.76831 0.0630119 2.7639893124612
 (164752) 15.2 329.08297 169.12663 238.00244 12.09653 0.1547934 2.7648269124612
 (164753) 15.5 357.26631 321.19755 49.93958 13.08739 0.1353122 2.7654624124612
 (164754) 16.0 33.00640 137.38237 204.54854 8.01652 0.2929562 2.7162784124612
 (164755) 15.2 38.29757 102.74869 246.13847 7.94605 0.1442782 2.7346989124613
 (164756) 15.9 6.11006 138.32111 235.60084 6.62331 0.2873682 2.7618673124613
 (164757) 15.7 353.73238 269.11464 156.44983 10.16614 0.2763815 2.7142181124614
 (164758) 15.0 347.18485 178.40650 248.12068 12.70368 0.1626687 2.7095338124614
 (164759) 16.3 320.99986 294.27729 148.91240 3.14470 0.2036664 2.7672169124614
 (164760) 14.8 0.69408 331.94629 55.68148 10.19063 0.1668223 2.7575582124615
 (164761) 16.3 341.43886 217.18661 220.66920 7.97147 0.1923328 2.7265438124615
 (164762) 15.8 292.85326 232.52815 233.36364 5.71784 0.0515498 2.7519803124615
 (164763) 16.3 250.67436 118.27569 46.24525 3.48469 0.0468255 2.7008901124616
 (164764) 15.8 356.69267 320.83313 82.18716 4.65308 0.1985855 2.7408035124616
 (164765) 16.3 30.84614 122.66580 228.36050 6.01850 0.3057990 2.7287488124616
 (164766) 16.6 4.52691 309.65606 89.07743 2.84046 0.1463838 2.7338941124616
 (164767) 15.0 302.87385 202.31039 261.45035 9.00441 0.1825524 2.7911058124617
 (164768) 16.8 256.32099 325.94739 190.80055 0.15281 0.1205410 2.8895427124617
 (164769) 15.1 343.29790 278.03320 131.16924 12.69592 0.1982303 2.8513470124617
 (164770) 15.6 1.31369 32.31188 46.26978 10.28407 0.2473051 2.7219904124618
 (164771) 15.2 260.67911 146.57811 314.69152 3.52747 0.1747444 3.0141058124618
 (164772) 15.3 216.67549 9.90328 149.09485 1.67232 0.1895922 3.0565595124618
 (164773) 16.5 163.63199 95.72723 105.05401 3.94995 0.1696426 2.2634274124619
 (164774) 15.3 323.43491 310.97018 109.37915 9.23426 0.1725998 2.9470186124619
 (164775) 14.3 272.20342 78.27809 22.84555 18.01952 0.1932431 2.9854165124619
 (164776) 14.9 166.79057 50.71810 127.46016 2.19868 0.1584790 3.1907890124620
 (164777) 15.6 154.25766 274.18248 321.00860 2.14716 0.0509023 2.9934447124620
 (164778) 15.8 321.14229 322.61920 88.55733 3.36598 0.0688844 2.8269805124620
 (164779) 15.4 326.21526 228.64599 161.85383 14.78748 0.0811596 3.1485557124621
 (164780) 16.7 161.62699 30.83670 139.78623 6.27238 0.1152377 2.2866700124621
 (164781) 16.0 247.24436 19.73497 123.90629 1.57175 0.2355502 2.9961840124621
 (164782) 15.7 195.64333 354.31454 226.12437 1.35224 0.0908080 2.9310674124622
 (164783) 15.8 152.89346 81.90655 138.84903 2.09643 0.1261493 3.1053810124622
 (164784) 17.2 319.31588 237.00200 151.09994 6.14041 0.1005630 2.2471937124622
 (164785) 16.8 292.18640 78.08992 343.53637 3.36532 0.1370128 2.2301714124622
 (164786) 16.6 167.59368 6.51363 175.06751 3.29456 0.1083677 2.2879451124623
 (164787) 17.3 138.66835 73.57665 167.82953 2.41876 0.1135302 2.2852704124623
 (164788) 15.8 277.00232 77.59452 23.80684 1.55847 0.1299099 3.1415417124623

(164789) 16.4 204.69610 176.00272 12.98502 3.85155 0.2171684 2.2329361124624
 (164790) 16.4 206.31482 18.30863 148.74862 5.05950 0.0834661 2.2341882124624
 (164791) 17.5 39.06034 115.34608 177.43670 2.41630 0.1830301 2.3614726124624
 (164792) 16.8 168.39196 169.14352 40.98196 6.46763 0.0889622 2.2656616124624
 (164793) 16.8 137.42084 35.20073 177.58791 3.28589 0.1765291 2.3226012124625
 (164794) 16.6 102.07502 252.71456 16.23712 7.30967 0.1111430 2.2964754124625
 (164795) 15.9 245.21600 343.10558 162.27606 1.69513 0.0921173 3.1073421124625
 (164796) 16.5 192.27193 180.01959 9.59785 2.96099 0.1054698 3.1364305124626
 (164797) 16.6 148.75337 31.55651 176.98256 6.99745 0.2059627 2.3037566124626
 (164798) 14.6 194.46443 107.56569 102.19982 10.42787 0.0369687 3.1714363124626
 (164799) 17.5 140.84474 165.43503 61.47172 1.07109 0.2506007 2.3205788124627
 (164800) 16.6 96.84813 87.75412 159.90960 2.49192 0.1751893 2.3743238124627
 (164801) 15.6 33.49305 99.83660 225.74198 13.09389 0.2266315 2.3933104124627
 (164802) 16.1 194.53188 148.23264 49.04699 6.35207 0.1027705 2.2785198124628
 (164803) 15.9 153.53135 17.27409 203.70933 8.79913 0.1752082 2.2930642124628
 (164804) 16.6 229.29948 168.82565 348.64275 2.09140 0.1296016 2.2681503124629
 (164805) 16.8 94.05465 89.33689 171.48995 3.59737 0.2257349 2.3701773124629
 (164806) 16.2 50.22030 256.79899 38.38294 3.01195 0.1676939 2.3997682124629
 (164807) 16.9 122.30005 116.44041 127.96572 2.70125 0.1804252 2.3419491124630
 (164808) 14.3 106.10586 181.06543 81.37526 17.68770 0.0682186 3.3886868124630
 (164809) 16.0 62.30340 73.71280 204.69587 6.13899 0.1607953 2.4181627124630
 (164810) 16.3 99.21474 209.52766 32.18568 6.28354 0.1504288 2.3748744124631
 (164811) 16.3 72.74598 223.84994 53.74224 5.65143 0.2210720 2.3850932124631
 (164812) 17.3 128.59765 154.60432 84.76013 3.55242 0.1824545 2.3337584124632
 (164813) 15.6 39.06950 247.24538 87.10914 13.53326 0.2396083 2.3733306124632
 (164814) 16.9 82.50302 199.01487 74.14223 2.98690 0.1901768 2.3807858124632
 (164815) 15.8 162.20233 326.59057 260.11831 12.13636 0.1546259 2.3558451124632
 (164816) 17.1 357.56123 189.47047 160.27297 5.87299 0.2478673 2.5463221124633
 (164817) 15.9 261.15377 282.84005 161.39619 8.92644 0.1365678 2.5789705124633
 (164818) 16.6 67.66426 274.23693 354.83149 12.59815 0.1680839 2.5253335124633
 (164819) 16.6 23.38239 256.38059 106.68195 3.67628 0.2148390 2.4793037124633
 (164820) 15.7 341.78985 14.71717 23.77286 4.76290 0.1761401 2.5180044124634
 (164821) 16.2 40.10206 19.77450 318.02519 2.69444 0.1890605 2.4537707124634
 (164822) 15.5 50.94168 316.50433 33.13491 4.72269 0.2537906 2.4269156124635
 (164823) 16.4 351.40203 214.24209 142.33215 2.17581 0.2167144 2.5563903124635
 (164824) 16.4 50.50659 156.63973 193.35433 3.89298 0.1040671 2.4373975124636
 (164825) 15.5 302.34024 171.87728 255.92559 12.26636 0.1383524 2.5523791124636
 (164826) 15.9 330.25514 186.52839 236.37721 7.46005 0.2217761 2.5236081124636
 (164827) 16.3 47.08667 240.30076 98.40409 6.78531 0.1926317 2.4662497124637
 (164828) 16.5 22.99939 166.12647 153.75046 5.34200 0.2651937 2.5485219124637
 (164829) 16.5 316.66096 109.52423 320.88303 1.90474 0.0726326 2.5345653124638
 (164830) 15.7 45.14910 106.00167 177.51731 6.83247 0.0748974 2.5191392124638
 (164831) 17.3 74.86588 53.98695 266.52734 1.91785 0.2047539 2.4271663124638
 (164832) 15.7 253.15382 294.28596 208.34626 3.17567 0.0874273 2.5249945124638
 (164833) 16.4 62.48859 273.70926 33.90516 8.50269 0.1081687 2.5587620124639
 (164834) 17.3 85.15439 98.90307 198.61800 2.85406 0.1368235 2.4490369124639
 (164835) 16.7 31.47656 191.35976 113.70809 1.57529 0.1136587 2.6641603124639
 (164836) 17.3 266.16553 103.71697 14.86624 2.36806 0.0859134 2.5741726124640
 (164837) 16.7 341.41361 204.27542 187.41430 5.48202 0.0711955 2.5356116124640
 (164838) 16.0 158.08607 8.08319 165.43123 3.72761 0.0913887 2.6478196124640
 (164839) 17.5 38.24028 135.06306 205.09924 0.40421 0.1990654 2.4465823124641
 (164840) 17.0 3.94653 335.74054 18.59859 6.54800 0.2165198 2.5594845124641

(164841)	16.0	32.06221	126.20855	291.02083	4.11847	0.2381794	2.3967376124641	(164893)	16.1	259.53603	265.81039	216.66775	2.56584	0.0430688	2.6035917124661
(164842)	17.0	10.50127	170.35054	225.59538	1.05949	0.1446989	2.4714469124642	(164894)	16.6	254.10550	84.56399	63.91618	5.54517	0.1115825	2.5785490124661
(164843)	14.8	18.29412	101.04652	271.22725	1.80197	0.2392001	3.9347893124642	(164895)	16.3	342.44003	164.96160	232.54381	4.29818	0.1832565	2.5912338124662
(164844)	13.9	346.30534	66.02731	337.82968	8.35379	0.2393130	3.9813988124642	(164896)	16.9	355.31807	144.52000	196.19079	3.34311	0.1151009	2.6770201124662
(164845)	16.7	11.24467	14.48995	21.71785	3.03157	0.1885334	2.4760819124643	(164897)	16.8	94.22217	221.43804	34.17179	1.51445	0.0793685	2.6432564124662
(164846)	15.7	329.87156	333.85120	76.99616	5.68930	0.1546727	2.5556990124643	(164898)	15.6	28.18691	133.26392	251.27735	3.69980	0.1987549	2.4698717124662
(164847)	16.7	25.22964	306.74801	29.59333	21.37832	0.0823139	1.9533931124643	(164899)	16.6	24.66134	359.80891	347.88106	2.18971	0.2411070	2.5427847124663
(164848)	15.9	342.72628	218.81475	190.60297	13.24877	0.1686883	2.5410251124644	(164900)	17.3	286.83246	260.64761	222.97058	19.82451	0.0894252	1.9209976124663
(164849)	16.6	22.17865	329.76247	109.10074	3.88559	0.1785892	2.3979549124644	(164901)	16.3	9.41731	102.88071	243.32535	1.86571	0.1144346	2.6176005124664
(164850)	15.9	296.42649	244.18951	205.49337	5.20200	0.1066201	2.5570452124645	(164902)	16.2	334.71210	265.38229	172.69407	3.33337	0.2217246	2.5509965124664
(164851)	17.0	324.41611	210.45758	207.65260	4.24975	0.2547439	2.5669475124645	(164903)	14.4	20.74069	209.01540	158.85562	7.73085	0.2963693	3.9800256124665
(164852)	15.8	112.85837	248.96398	14.16017	9.67805	0.1595463	2.5164025124645	(164904)	15.6	318.76894	10.95245	74.62971	7.15275	0.2715699	2.5776548124665
(164853)	15.6	272.99137	85.89018	23.99508	10.03655	0.1806136	2.6313335124646	(164905)	14.7	348.08520	144.14192	274.73812	13.91641	0.2224398	2.5695911124665
(164854)	17.4	80.08683	286.93692	31.09376	21.21051	0.0565683	1.9281792124646	(164906)	16.6	34.22852	252.72664	98.79375	1.15077	0.1060532	2.5399704124666
(164855)	16.2	24.48446	342.33165	352.19429	4.03455	0.1502536	2.5698411124647	(164907)	16.5	62.51620	99.67371	219.71145	21.18451	0.0663064	1.9167532124666
(164856)	15.1	30.17016	352.40263	355.95782	13.33640	0.1827197	2.5642935124647	(164908)	15.6	314.80229	339.36265	104.33604	3.94268	0.2178032	2.5709603124666
(164857)	16.4	296.47524	243.75140	180.21646	5.33801	0.2246308	2.6181994124647	(164909)	16.7	15.70754	351.55163	93.00065	3.36432	0.2031547	2.4299858124667
(164858)	14.4	10.76755	236.69763	148.38181	3.53306	0.2525838	3.9452510124648	(164910)	15.6	14.02048	112.04836	263.25841	10.35426	0.2456347	2.5195878124667
(164859)	16.2	359.44209	201.66418	217.85849	5.63714	0.1068333	2.4602717124648	(164911)	15.0	306.93348	211.92400	218.50356	11.43658	0.1930007	2.6220760124668
(164860)	17.5	3.66596	305.91026	62.34467	5.22889	0.2748350	2.5421541124648	(164912)	16.6	346.02316	296.06678	100.11869	4.24975	0.3297677	2.5725831124668
(164861)	16.6	23.85044	256.30603	68.15292	5.99436	0.2308880	2.5886489124649	(164913)	15.1	331.60939	338.77879	113.59988	14.23317	0.1969352	2.5870993124669
(164862)	17.2	299.21059	180.52233	260.56531	2.20292	0.0458837	2.5548194124649	(164914)	16.1	343.11226	106.69323	310.63362	5.6283	0.2355531	2.5448041124669
(164863)	15.6	323.16438	54.67225	326.86036	11.02250	0.1976910	2.6111014124649	(164915)	15.7	27.23342	300.94549	70.17431	12.76820	0.2877017	2.5232541124669
(164864)	16.8	341.91816	23.76679	348.33109	9.54177	0.2137134	2.5881054124650	(164916)	15.7	327.60409	284.76001	158.55302	5.78560	0.2763020	2.5528749124670
(164865)	15.9	5.19062	126.18277	222.84536	20.89311	0.0723087	1.9783795124650	(164917)	15.9	314.14363	29.66084	46.66085	7.21111	0.0845826	2.5648589124670
(164866)	15.6	155.68945	355.47946	240.55958	1.61838	0.0704120	2.5347588124650	(164918)	16.0	297.76769	310.99854	152.82583	3.40089	0.1855058	2.5864255124671
(164867)	16.8	101.51444	262.75599	9.29073	19.15115	0.0908877	1.9238618124651	(164919)	15.2	357.61469	359.52460	40.15514	3.82456	0.1658906	2.5448041124671
(164868)	16.9	54.74301	145.88379	161.77620	4.28783	0.2018980	2.4558401124651	(164920)	16.1	328.99830	35.06444	38.87708	1.56260	0.1624525	2.5528629124672
(164869)	16.4	1.59993	331.25960	41.09582	17.67158	0.2789454	2.5595289124652	(164921)	16.2	315.04263	13.15609	78.75234	13.29467	0.2014309	2.5692060124673
(164870)	15.5	323.73722	221.56157	199.03845	12.74248	0.1634995	2.5583552124652	(164922)	15.0	339.70958	159.75455	248.89787	6.41066	0.1768562	2.5946657124673
(164871)	17.1	246.64939	305.85519	176.86180	3.03298	0.0677235	2.5593871124653	(164923)	15.4	322.32776	169.49713	250.11185	4.85769	0.1512571	2.6330483124674
(164872)	16.4	125.12616	215.17785	28.89632	4.08869	0.0883588	2.5596584124653	(164924)	15.8	35.78580	124.22674	238.40433	3.69491	0.2600349	2.5405744124674
(164873)	17.0	315.69828	166.00384	249.66356	1.84875	0.1012639	2.5279370124653	(164925)	16.1	351.02487	163.99225	229.03391	2.09932	0.0302352	2.6150618124674
(164874)	16.4	113.35555	137.29964	74.87090	1.54013	0.0800472	2.6401921124653	(164926)	15.9	327.08289	180.74159	240.10155	4.05211	0.2524626	2.6085510124675
(164875)	16.6	20.26191	320.68810	31.28530	7.77278	0.2682927	2.5366191124654	(164927)	15.5	253.52666	9.92429	97.31309	6.33168	0.1197914	2.7403036124675
(164876)	15.9	295.48894	66.36872	18.67046	14.96717	0.0900424	2.5697321124654	(164928)	15.2	337.98869	176.20997	259.27414	12.60033	0.1465600	2.5438149124676
(164877)	15.4	9.00730	310.54893	70.80942	7.39607	0.1823207	2.5213829124655	(164929)	16.1	322.07618	1.57046	70.44244	5.98392	0.3212187	2.6026700124676
(164878)	16.7	314.03756	52.26314	30.30189	24.48882	0.0518258	1.9384802124655	(164930)	16.3	357.85036	331.79110	54.34368	3.65662	0.1476589	2.5848899124677
(164879)	17.7	357.34426	351.36155	20.10162	5.10226	0.2103862	2.5585401124656	(164931)	15.8	284.37146	119.88143	357.56823	14.85121	0.1945467	2.5780067124677
(164880)	15.7	353.99587	184.94861	229.37254	1.95264	0.1432841	2.5300697124656	(164932)	14.9	25.02688	81.93897	309.66754	4.44893	0.1917735	2.4754867124677
(164881)	15.3	0.75428	129.70074	242.55952	11.11161	0.2515562	2.5775244124657	(164933)	16.5	2.05999	359.26367	26.13595	8.17801	0.1934629	2.5508815124678
(164882)	16.8	272.96492	110.16095	349.49178	3.66551	0.1086570	2.5920551124657	(164934)	15.5	319.24178	89.31974	352.16624	3.93717	0.1717061	2.567372124679
(164883)	15.9	17.58574	149.60117	217.19798	5.87572	0.1525037	2.5426525124658	(164935)	16.0	298.53539	86.50405	3.16697	4.31164	0.1972747	2.6094394124679
(164884)	17.0	204.27817	52.78846	131.57845	1.91198	0.0762717	2.5946751124658	(164936)	14.8	287.38615	134.31546	293.75496	7.66553	0.2240470	2.6795839124680
(164885)	16.3	24.14160	111.95883	226.25931	2.89729	0.1747313	2.5630235124658	(164937)	16.5	96.16783	208.09275	66.06263	5.18916	0.1510462	2.5952947124680
(164886)	15.8	357.43198	123.95298	216.24018	4.82078	0.2824823	2.5903874124659	(164938)	15.7	346.19044	103.57035	305.34683	4.83077	0.1210741	2.6389790124680
(164887)	17.3	349.52857	316.22323	45.75742	2.51112	0.1738204	2.6140986124659	(164939)	15.4	350.54518	163.62951	238.98611	7.29197	0.3225837	2.5571210124681
(164888)	16.0	25.82325	241.18351	107.57669	9.25643	0.2109211	2.5491977124659	(164940)	15.9	27.98088	270.62053	102.65981	7.33144	0.2702071	2.5222967124681
(164889)	16.6	278.62303	240.83841	197.85219	3.72642	0.2321257	2.6325135124660	(164941)	15.2	278.87378	135.57721	347.03878	3.28292	0.2004612	2.6020960124682
(164890)	16.8	265.89609	30.27436	67.64992	3.55660	0.0449928	2.6377469124660	(164942)	15.9	320.90033	27.19361	46.04898	4.33710	0.2076906	2.6010723124682
(164891)	17.1	351.47145	170.72536	211.49254	2.27815	0.2246464	2.5760231124660	(164943)	16.3	269.72835	128.32351	8.89065	6.75844	0.3235804	2.6819396124683
(164892)	16.2	28.55499	93.48843	239.04228	12.77462	0.1427695	2.6047806124661	(164944)	16.2	306.42794	5.44405	78.00745	6.61542	0.2218670	2.6500102124683

(164945) 16.6 333.34450 31.10288 11.13971 4.90533 0.2920898 2.5988220124683
 (164946) 15.4 262.21648 224.28690 290.36259 10.28305 0.2737318 2.6313971124684
 (164947) 16.3 342.38654 6.03781 37.68109 6.03754 0.2504905 2.6068961124684
 (164948) 16.2 336.99322 54.29013 2.35304 7.22971 0.2817006 2.5549642124685
 (164949) 14.9 320.76074 22.86687 42.91479 14.87788 0.3023557 2.6673510124685
 (164950) 16.1 0.19127 194.73115 179.81254 5.96266 0.2370189 2.5724186124686
 (164951) 15.2 246.83905 92.26133 52.79522 14.82809 0.2057662 2.6989752124686
 (164952) 14.7 246.71042 138.48173 21.20299 13.82717 0.1877769 2.6681352124687
 (164953) 17.2 35.73142 149.71557 190.18140 2.09416 0.0685440 2.5948881124687
 (164954) 14.6 325.25460 40.50706 35.31825 30.77006 0.2094668 2.6004825124688
 (164955) 15.9 301.77353 8.05247 107.64554 5.23459 0.2523952 2.5684263124688
 (164956) 15.9 312.43519 344.50295 88.30063 5.48139 0.0448149 2.6323872124688
 (164957) 15.8 2.71369 347.71305 48.78843 6.25057 0.2846995 2.5737803124689
 (164958) 16.2 349.15495 10.76058 32.93976 4.37113 0.1997321 2.5933856124689
 (164959) 16.0 304.98738 47.40100 36.37537 5.43535 0.2121609 2.6220841124690
 (164960) 15.3 345.85845 344.03261 76.28918 15.34178 0.1273774 2.5686810124690
 (164961) 16.5 293.65688 10.13394 93.28607 3.83620 0.1783304 2.6283230124691
 (164962) 16.0 330.72595 54.39987 8.78400 2.99388 0.2460389 2.6114739124691
 (164963) 15.1 316.66496 118.69492 307.65099 13.11242 0.0627280 2.6873469124691
 (164964) 16.0 345.23273 70.89262 357.38076 3.39117 0.2546684 2.5728600124692
 (164965) 16.1 257.11863 57.27785 93.10550 7.14116 0.1618791 2.6592886124692
 (164966) 15.9 89.85574 333.60212 307.95850 5.66031 0.0404163 2.7460451124692
 (164967) 15.2 28.68946 109.33638 287.11474 5.68746 0.1263355 2.4481082124693
 (164968) 15.6 7.81783 133.70034 283.93828 2.69993 0.1618244 2.4757565124693
 (164969) 15.7 295.99085 147.38404 319.88312 6.09725 0.0415641 2.6242079124694
 (164970) 15.4 6.68860 284.42277 105.93507 3.20130 0.1313255 2.6334681124694
 (164971) 15.3 256.09350 229.81055 309.57613 3.65518 0.2322280 2.6508360124694
 (164972) 15.2 286.42033 164.93396 313.89637 12.40015 0.1391967 2.6758400124695
 (164973) 15.4 5.72761 289.29434 96.88734 7.34092 0.1615138 2.5620509124695
 (164974) 15.5 337.40256 212.61351 206.70843 3.85556 0.2227125 2.5935447124695
 (164975) 15.4 342.39077 143.90685 276.42193 8.93863 0.1868015 2.6175297124696
 (164976) 16.3 316.48212 280.00705 184.64874 5.26483 0.2153181 2.6012639124697
 (164977) 15.0 85.71340 39.26828 264.04202 10.28430 0.0323138 2.7049593124697
 (164978) 15.1 308.52319 226.88366 258.77178 3.41390 0.2063046 2.6215955124697
 (164979) 16.5 307.03659 193.15335 261.08068 17.40410 0.0978905 1.9698783124698
 (164980) 14.6 283.53274 147.24378 280.45133 24.73060 0.1288442 2.7889934124698
 (164981) 15.6 308.84858 289.50158 174.94048 13.03667 0.1546621 2.6291853124698
 (164982) 15.8 5.15699 237.43323 174.01909 6.54547 0.0972959 2.5367017124698
 (164983) 15.3 336.43740 168.01330 247.47001 11.70829 0.2343873 2.6120260124699
 (164984) 15.4 277.97826 259.01902 216.88456 11.56022 0.1482550 2.6841386124699
 (164985) 15.7 203.74894 253.88474 306.68464 5.09249 0.1723841 2.7703324124700
 (164986) 16.6 354.32288 13.08784 22.27411 1.13660 0.1354456 2.6496160124700
 (164987) 16.5 331.28958 158.75338 266.74445 4.60358 0.2855474 2.5883828124700
 (164988) 15.4 5.43763 276.78326 109.27698 8.40944 0.1523289 2.6451223124701
 (164989) 15.0 301.21061 121.21690 323.27256 21.23153 0.0777469 2.6889764124701
 (164990) 16.2 24.50543 209.60144 139.38059 4.23668 0.0983134 2.7801573124701
 (164991) 14.3 65.28963 257.54651 73.23604 14.79433 0.1770123 2.6591066124701
 (164992) 14.9 329.92032 357.01895 71.14047 12.82374 0.0952567 2.6622702124702
 (164993) 16.7 273.92050 314.91210 150.27554 0.84788 0.0260110 2.7619763124702
 (164994) 16.3 278.56853 163.95399 314.62605 2.18006 0.1100340 2.7034270124702
 (164995) 15.7 310.32790 325.82434 114.33658 12.66738 0.1472623 2.6537610124703
 (164996) 16.0 326.57066 64.20775 8.68037 4.15883 0.1690493 2.6348242124703

(164997) 15.5 15.07807 6.98358 76.73918 10.12882 0.1121761 2.5244384124704
 (164998) 16.1 285.16289 167.53862 306.25920 6.19613 0.1851735 2.6735874124704
 (164999) 15.4 265.40916 172.47937 309.07690 7.49369 0.1322950 2.7170838124704
 (165000) 15.4 297.61293 107.82860 303.50008 7.79025 0.1580565 2.7846443124705
 (165001) 15.8 278.58781 96.89976 126.44425 5.55934 0.1515193 2.4634375124705
 (165002) 16.0 272.54283 188.73379 276.04950 1.38207 0.1419909 2.7194616124705
 (165003) 15.2 336.71129 96.61734 330.93370 11.07363 0.2637773 2.5790578124705
 (165004) 15.9 196.26427 191.46297 12.14720 3.40953 0.1315930 2.7392933124706
 (165005) 15.2 34.05352 70.23982 292.43455 4.05013 0.0426076 2.7096269124706
 (165006) 16.2 326.26994 72.69898 31.68763 4.85017 0.2529066 2.6024954124706
 (165007) 15.9 265.34632 328.99136 186.27874 3.87272 0.2435750 2.6823489124707
 (165008) 16.3 233.10919 342.46434 173.59040 9.69205 0.2371491 2.7771348124707
 (165009) 15.7 292.65141 299.79551 159.26469 13.81972 0.1655182 2.7213587124707
 (165010) 16.0 102.91534 328.93459 317.50477 4.11688 0.0294135 2.7701704124708
 (165011) 15.9 323.64709 299.61161 137.85122 13.39789 0.2342139 2.6613148124708
 (165012) 15.5 302.08691 143.30184 327.93818 12.45384 0.1114126 2.6845416124708
 (165013) 15.3 202.49485 137.72249 53.56071 4.38790 0.0941876 2.7909420124709
 (165014) 15.6 283.37994 147.92064 312.27918 8.39698 0.0697221 2.7141527124709
 (165015) 15.1 345.77161 87.01082 315.60761 4.39275 0.0547845 2.7364601124709
 (165016) 16.0 1.75582 120.21469 275.61071 0.49703 0.1452619 2.6812559124710
 (165017) 15.4 307.63039 217.69024 254.08163 11.83761 0.2396439 2.6304473124710
 (165018) 15.9 1.07568 273.65551 125.08542 3.25463 0.1361562 2.6372886124710
 (165019) 16.2 326.12885 37.76943 64.51462 1.64758 0.1792049 2.6211002124711
 (165020) 15.5 239.73450 71.78312 93.29270 5.93541 0.0973255 2.7189870124711
 (165021) 15.8 348.76936 257.63779 128.24746 15.07526 0.2318756 2.6837316124711
 (165022) 16.5 325.24121 271.74461 142.64706 5.20495 0.1268358 2.7423290124711
 (165023) 15.7 55.11972 329.30834 348.44154 1.08464 0.0363408 2.8449983124712
 (165024) 16.0 286.39189 86.88437 338.19200 5.30785 0.0603036 2.8894670124712
 (165025) 16.3 221.03615 237.39493 302.81548 1.14144 0.0297600 2.7159667124712
 (165026) 16.1 15.04209 212.58022 153.38847 4.81166 0.0866516 2.7656736124712
 (165027) 16.1 318.38570 45.09165 17.82128 3.37824 0.0285450 2.8788645124713
 (165028) 15.5 240.82066 167.61726 333.51245 7.32387 0.1587876 2.7696650124713
 (165029) 15.2 278.01739 100.00434 333.45454 6.98660 0.2175873 2.8001402124713
 (165030) 15.6 312.36109 300.01390 140.13662 5.70696 0.0912120 2.7255927124714
 (165031) 16.2 297.45429 178.99328 296.22628 1.15678 0.1630564 2.6742709124714
 (165032) 15.6 235.51419 357.41915 165.74531 5.20052 0.0920859 2.7708966124714
 (165033) 15.5 26.25970 60.04333 318.65653 4.96648 0.0747009 2.7422308124715
 (165034) 14.5 154.42523 63.19338 159.23172 17.16336 0.0361436 2.8583380124715
 (165035) 15.8 136.38095 236.75227 331.79818 9.49288 0.0506101 2.9753930124715
 (165036) 15.1 229.32407 2.14913 162.52348 9.10859 0.0859115 2.7973140124716
 (165037) 14.8 58.34674 288.59033 346.70848 25.45256 0.2265297 3.1162107124716
 (165038) 16.1 324.80190 262.61453 137.77572 2.52966 0.0733151 2.8143742124716
 (165039) 15.0 294.70085 327.57165 138.26857 12.18070 0.0599535 2.7273358124717
 (165040) 16.2 5.43270 22.10017 49.96785 5.12673 0.2430337 2.5624536124717
 (165041) 15.6 279.46146 24.40437 85.96499 5.05363 0.0555418 2.7751858124717
 (165042) 15.0 333.07028 264.41721 169.07919 25.18582 0.1317750 2.7288273124718
 (165043) 15.5 332.33623 245.34740 145.80920 13.47959 0.0861590 2.8009065124718
 (165044) 14.2 28.36833 282.46430 183.31456 2.78801 0.0833298 3.9518518124718
 (165045) 15.2 120.76039 311.05539 278.47734 2.57683 0.1649439 3.0171912124718
 (165046) 15.6 256.08418 95.16126 48.04498 9.56158 0.1155945 2.7486682124719
 (165047) 16.1 317.07260 62.61633 44.59020 4.69091 0.1049159 2.6687083124719
 (165048) 15.5 279.18433 264.82768 220.15942 6.68715 0.1500968 2.7089148124719

(165049) 15.5 183.58035 41.10778 174.22756 15.36639 0.0842543 2.8434928124720
 (165050) 14.9 88.31624 73.80560 187.86748 21.79578 0.1586890 3.0978983124720
 (165051) 16.7 63.68794 107.92047 194.25800 1.51531 0.0562041 2.9090041124720
 (165052) 14.6 94.85347 62.11599 197.34086 7.39455 0.1625329 3.0680113124721
 (165053) 15.8 278.53715 293.65757 185.33973 14.16375 0.0741060 2.8018903124721
 (165054) 15.8 133.59399 207.21153 4.22846 4.75578 0.1639670 3.0559342124721
 (165055) 15.6 329.49970 13.98336 79.55148 6.53190 0.2124253 2.6346771124722
 (165056) 15.3 238.65459 169.25751 353.96339 13.60347 0.1388917 2.7581865124722
 (165057) 15.1 124.47824 29.89615 163.81692 8.20761 0.1068723 3.0999340124722
 (165058) 15.5 51.53150 303.60678 4.08057 7.84616 0.0792472 2.9971817124722
 (165059) 16.3 139.31822 10.29874 225.75806 1.09393 0.0222798 2.8919699124723
 (165060) 15.5 335.82648 229.96341 185.81539 4.21249 0.0626268 2.7842719124723
 (165061) 15.8 20.93497 49.88218 329.40778 2.05304 0.0893346 2.7655013124723
 (165062) 15.3 309.73420 62.87393 51.35603 7.65314 0.2066503 2.6421184124724
 (165063) 16.0 237.11431 114.94661 25.09094 4.92589 0.1439933 2.7973372124724
 (165064) 15.3 58.45745 291.33052 353.19846 9.34687 0.0897255 3.0365949124725
 (165065) 15.0 288.47397 81.13646 43.60878 12.15424 0.2382191 2.6953228124725
 (165066) 15.4 296.59684 216.26727 243.30596 7.38930 0.2157294 2.6966684124725
 (165067) 16.4 284.01559 278.91453 197.70997 12.34692 0.2208039 2.6983650124726
 (165068) 15.0 86.11743 248.51474 14.97384 11.01504 0.0970417 3.0519202124726
 (165069) 16.2 153.57521 40.81062 177.48597 0.65557 0.0932810 2.9605427124726
 (165070) 15.4 84.30553 10.49037 221.22454 2.62135 0.0793758 3.2346886124726
 (165071) 15.3 334.59680 45.35023 76.68087 12.89792 0.2257865 2.6022966124727
 (165072) 14.3 76.94002 114.59094 179.89045 10.90056 0.0822602 2.9838990124727
 (165073) 15.6 265.48423 308.68863 203.59567 4.76379 0.1077097 2.7677247124728
 (165074) 15.7 296.61497 313.21320 162.71098 8.61760 0.1967984 2.7502865124728
 (165075) 15.1 98.93795 238.28032 7.43172 16.61936 0.2223379 3.0877758124729
 (165076) 15.7 221.00189 155.03110 40.27576 9.66702 0.0857976 2.7781753124729
 (165077) 16.2 190.85016 221.66966 351.48256 3.66997 0.0424153 2.7975961124729
 (165078) 16.0 271.64462 106.02801 16.60403 9.09462 0.1156567 2.7991057124729
 (165079) 15.5 209.34025 324.82620 186.11985 10.26145 0.0394598 2.9678956124730
 (165080) 15.8 211.79723 164.76433 16.96842 1.70969 0.0573737 2.8696227124730
 (165081) 15.4 59.76178 124.07166 166.12464 2.46386 0.2193885 3.1399680124730
 (165082) 14.4 70.44734 268.68463 17.76683 18.26738 0.1516936 3.0922912124731
 (165083) 15.1 20.37730 302.96551 21.40159 6.35070 0.1952686 3.1541333124731
 (165084) 15.0 254.33938 328.33069 152.71649 2.43500 0.0199429 2.9419119124731
 (165085) 14.7 44.27537 301.13532 21.06176 22.51949 0.1293846 3.0364854124732
 (165086) 15.4 100.79371 238.31675 24.49039 17.39324 0.2183859 3.0825390124732
 (165087) 15.5 106.55507 109.03164 148.03006 2.04457 0.0354336 3.0162437124733
 (165088) 15.1 131.78326 25.82916 202.95559 7.05075 0.1076651 3.0398671124733
 (165089) 15.7 70.85209 206.30502 77.69533 2.20844 0.1442836 3.1212706124733
 (165090) 14.2 59.85955 260.58667 39.04264 16.47254 0.2344980 3.1825396124734
 (165091) 15.6 115.13251 182.77758 45.61071 1.63184 0.1344480 3.1501048124734
 (165092) 14.7 119.92579 185.12506 44.64434 10.75646 0.1400942 3.1212629124734
 (165093) 14.0 109.12124 206.13780 34.17242 28.52186 0.0948343 3.0899008124735
 (165094) 15.5 318.54017 284.46737 161.57663 11.34457 0.1185071 2.7967245124735
 (165095) 16.3 123.34200 67.42257 177.08399 0.64296 0.2437714 3.0394864124735
 (165096) 15.9 22.59775 156.92066 195.24650 13.58001 0.1530761 2.9693671124736
 (165097) 16.4 321.37961 253.38623 192.88865 3.64350 0.0761425 2.8013116124736
 (165098) 14.8 88.06770 70.80061 192.21164 32.54068 0.2408217 3.1951783124736
 (165099) 14.5 89.10362 43.81004 224.91547 11.55140 0.1128465 3.0405618124737
 (165100) 15.7 64.63859 203.53526 101.51884 3.31019 0.1026216 3.0583276124737

(165101) 15.3 16.86150 139.29063 199.52875 8.71535 0.1166938 3.0822435124737
 (165102) 15.3 119.94484 151.55725 103.43449 2.89073 0.0588852 3.00647736124738
 (165103) 15.2 149.31520 204.15929 46.41945 11.84440 0.0446471 2.9289942124738
 (165104) 14.7 66.02172 264.67878 25.04155 15.78070 0.0808141 3.1154658124738
 (165105) 15.4 178.90065 171.72642 50.28855 9.08790 0.1476670 2.8960693124739
 (165106) 15.5 132.79537 27.40343 209.38463 3.75244 0.1134703 3.0515416124739
 (165107) 14.9 196.15307 123.41809 44.06662 10.59056 0.0524728 2.9984282124739
 (165108) 14.7 350.56874 150.64268 215.25219 8.31263 0.0915130 3.1161473124740
 (165109) 14.6 66.79005 70.90217 229.53885 20.56834 0.1945232 3.1297391124740
 (165110) 14.6 72.30655 170.80286 102.25048 6.00948 0.1396379 3.1975683124740
 (165111) 14.7 155.16645 38.48971 150.45966 9.64765 0.0982396 3.0690924124740
 (165112) 15.7 135.25774 29.32487 184.45926 17.33332 0.1517872 3.0855895124741
 (165113) 14.9 177.27340 3.45553 156.23410 18.59778 0.1588994 3.1215986124741
 (165114) 14.9 103.20648 252.03586 343.59644 4.59500 0.1201950 3.1952037124741
 (165115) 14.0 69.06659 56.48692 242.70576 13.20035 0.2105237 3.1610362124742
 (165116) 14.4 51.99466 71.97191 226.94340 15.42568 0.1037098 3.1662215124742
 (165117) 16.6 64.83307 44.10749 238.77392 5.87578 0.2720113 2.2184501124742
 (165118) 15.3 354.57419 151.58326 209.15325 8.07496 0.0881012 3.0549630124743
 (165119) 16.5 79.13506 60.47507 211.15195 4.94546 0.2155697 3.1498404124743
 (165120) 14.9 66.29836 199.37902 81.16938 6.38740 0.1480746 3.1960003124743
 (165121) 16.8 110.98478 229.98740 353.20133 1.84075 0.0895730 2.1989953124744
 (165122) 13.8 31.50879 272.76832 59.38936 26.04009 0.1757632 3.1744862124744
 (165123) 15.0 126.20133 77.32074 165.46688 3.96963 0.1708313 3.1211992124744
 (165124) 18.0 47.74215 44.54004 233.37166 2.94062 0.2231234 2.2409592124745
 (165125) 14.6 85.13981 28.55655 239.14925 14.84393 0.0853816 3.1745128124745
 (165126) 15.1 172.60295 117.09302 91.71351 3.00326 0.0986745 3.0611855124745
 (165127) 15.7 114.94561 88.77171 187.06576 4.33986 0.1406770 3.0467394124746
 (165128) 16.7 43.17574 75.21187 211.38479 5.70959 0.1373994 2.3045169124746
 (165129) 15.4 291.14130 249.32638 188.76371 9.45838 0.0627239 3.0840655124746
 (165130) 15.3 103.27747 75.54566 171.19924 15.51364 0.1004500 3.1957156124746
 (165131) 15.5 106.37777 53.39032 199.22560 9.73491 0.1936448 3.1407151124747
 (165132) 16.4 69.55422 151.36381 148.14951 5.44861 0.1763389 2.1646155124747
 (165133) 14.6 68.37797 77.09712 222.87065 13.47701 0.1935851 3.1922765124747
 (165134) 15.2 147.47321 82.77670 136.33124 16.00763 0.1688690 3.1036081124748
 (165135) 14.8 114.93935 54.46420 192.75033 16.78025 0.1540292 3.1232694124748
 (165136) 14.9 126.71814 28.68028 203.67761 6.97245 0.1782977 3.1201489124749
 (165137) 13.7 40.78531 122.40391 229.20654 25.38923 0.2401578 3.1710712124749
 (165138) 15.9 40.18006 11.67150 339.53572 4.77497 0.2581726 2.2517371124749
 (165139) 16.5 45.29006 166.73054 166.30738 2.72847 0.3077024 2.2495215124750
 (165140) 16.6 52.17707 128.65977 215.94670 4.43581 0.1686945 2.2038441124750
 (165141) 16.7 61.59605 12.81853 287.19611 4.19062 0.1993084 2.2387718124751
 (165142) 16.8 33.31471 180.48148 175.43790 7.62456 0.1586863 2.2347668124751
 (165143) 16.9 70.42155 113.57528 194.05424 4.08552 0.1813433 2.2127537124751
 (165144) 16.1 61.38579 123.48483 173.09841 23.29330 0.2777337 2.2760680124752
 (165145) 17.2 39.53260 345.76940 336.18430 2.89530 0.2044776 2.2608779124752
 (165146) 16.2 333.85154 273.04519 164.07623 1.83151 0.0501890 2.1855098124752
 (165147) 16.7 28.24567 213.23236 145.57001 5.64533 0.1823275 2.2469052124753
 (165148) 17.0 335.61178 244.15595 145.57699 2.70166 0.2382006 2.3178384124753
 (165149) 15.6 272.74851 107.09147 336.93610 5.56536 0.1882973 2.3383026124753
 (165150) 15.3 99.76128 306.92059 50.66070 2.16397 0.1950514 3.1211177124754
 (165151) 15.7 194.34857 246.12950 328.88996 6.93113 0.1008701 2.1719068124754
 (165152) 16.1 68.96538 180.99339 151.22628 4.58956 0.0124215 2.1971837124755

(165153)	16.4	10.43628	176.34316	152.55856	5.99081	0.1472411	2.3204151124755	(165205)	15.6	319.61808	110.62111	338.11027	7.13527	0.0979169	2.2397359124774
(165154)	17.3	27.95765	3.77476	339.21772	3.88409	0.1784783	2.2654863124755	(165206)	16.8	358.25587	232.05880	170.50042	6.11360	0.1661075	2.2719656124775
(165155)	16.9	97.39619	127.49501	141.85529	3.02047	0.1790727	2.2326008124756	(165207)	16.6	94.00374	214.11349	79.70387	3.72067	0.2156522	2.2371153124775
(165156)	17.8	35.27868	152.03650	150.22716	3.64063	0.2471971	2.3112345124756	(165208)	16.7	20.60571	1.44745	355.85747	7.41251	0.1766468	2.2943335124775
(165157)	16.8	15.33779	7.26652	344.64091	4.10177	0.1879932	2.2893742124756	(165209)	16.1	57.91692	117.72292	208.04167	22.38152	0.1988753	2.2639170124776
(165158)	17.4	76.33645	282.83604	13.80571	1.85978	0.2351451	2.2375980124757	(165210)	16.1	344.21830	266.27275	126.11100	7.05824	0.1153109	2.3052580124776
(165159)	17.3	14.10799	297.76406	33.42437	1.92093	0.2575521	2.3176813124757	(165211)	16.1	349.47124	115.58213	250.27520	5.22917	0.1435345	2.3584961124776
(165160)	16.2	46.21932	209.37353	117.85851	8.21260	0.1582000	2.2705537124757	(165212)	16.2	38.57438	144.38334	202.14938	22.31940	0.1944533	2.2733817124777
(165161)	16.3	328.96713	79.01773	331.15151	6.78541	0.0812221	2.2931652124758	(165213)	16.6	64.26623	288.90995	30.21749	3.14373	0.2555333	2.2184479124777
(165162)	17.1	238.68752	148.90163	331.34785	6.17728	0.0457729	2.3297271124758	(165214)	16.6	304.54869	78.87506	339.37497	4.64456	0.1352488	2.3379461124777
(165163)	17.3	41.52221	33.10097	291.45190	3.19007	0.1604567	2.2727086124758	(165215)	16.6	145.14774	229.31394	354.25072	6.33944	0.0916828	2.2881507124778
(165164)	16.5	11.30503	86.15234	303.69672	5.33830	0.1541947	2.2387894124759	(165216)	16.9	312.82019	184.42031	227.00642	2.62456	0.1605042	2.3318899124778
(165165)	16.8	12.19366	314.48761	51.67008	3.46569	0.1795912	2.2888442124759	(165217)	16.3	343.12139	335.89484	64.70966	4.13151	0.1759311	2.3064840124778
(165166)	16.3	35.19728	273.50167	43.27189	6.58954	0.2274882	2.3133889124759	(165218)	16.3	323.83101	24.82012	51.42859	6.81558	0.1441122	2.2842921124779
(165167)	16.7	325.11247	29.51269	48.16179	3.72463	0.1342832	2.3127992124760	(165219)	16.3	46.68817	227.86024	108.45894	4.99177	0.1793676	2.2751611124779
(165168)	17.2	32.44002	153.38751	203.70644	1.96510	0.1975452	2.2455039124760	(165220)	17.0	329.38681	49.66710	7.69824	3.22259	0.1612342	2.3002070124780
(165169)	17.8	34.29920	110.46198	200.99568	1.59189	0.2536128	2.2999188124760	(165221)	15.8	70.36495	284.70701	7.69114	24.87884	0.2603509	2.3147564124780
(165170)	16.5	79.14060	86.70317	159.35047	7.89837	0.1796525	2.3279167124761	(165222)	16.0	113.56063	1.02827	254.75204	11.63159	0.3110273	2.2705466124780
(165171)	16.0	96.74951	325.29063	320.62186	5.19170	0.1613371	2.2396499124761	(165223)	16.6	2.35375	161.02568	232.30672	5.53286	0.1835287	2.2621028124781
(165172)	15.0	296.82842	152.06284	314.53542	21.98584	0.2257422	2.2186071124762	(165224)	16.7	74.71185	52.48466	226.21497	4.61299	0.1584021	2.2986272124781
(165173)	16.8	21.31330	155.53143	165.74913	5.75945	0.2453881	2.3349704124762	(165225)	17.0	90.84349	284.40855	347.47823	5.52987	0.1290326	2.2930276124781
(165174)	16.3	0.84918	278.85032	110.05822	6.39670	0.1691864	2.2692113124762	(165226)	16.7	306.68125	230.71547	194.23790	5.25407	0.2205226	2.3501534124782
(165175)	16.6	23.32412	156.77246	202.38152	4.29906	0.1666433	2.2468955124763	(165227)	16.8	359.14280	144.78076	210.33914	1.40557	0.2504652	2.3380505124782
(165176)	16.4	57.39444	44.30496	251.50729	6.22907	0.1282955	2.2780890124763	(165228)	16.8	12.28755	200.28760	184.21426	4.60240	0.1857156	2.2758195124783
(165177)	16.3	346.67223	148.24164	228.58862	4.47049	0.2058383	2.3144588124763	(165229)	17.0	63.85204	199.98250	96.28306	2.69765	0.2616301	2.2848520124783
(165178)	16.8	89.94252	51.78330	243.73978	3.63658	0.1211523	2.2272755124764	(165230)	16.5	292.61047	51.10172	45.56936	7.63364	0.0700221	2.3046026124783
(165179)	16.1	28.74017	97.35490	207.52726	6.59104	0.1355876	2.3393395124764	(165231)	16.6	357.24442	166.25340	234.05833	6.12875	0.2368109	2.2784424124784
(165180)	16.4	123.45736	47.41384	212.57533	4.27817	0.1801429	2.2219840124764	(165232)	16.8	340.07988	132.14463	269.27368	0.97317	0.1001871	2.3059545124784
(165181)	16.5	318.39146	187.94825	257.59797	4.09324	0.0956988	2.2435430124765	(165233)	14.4	69.36126	113.25476	200.81156	9.48822	0.0839797	3.5374056124785
(165182)	16.8	95.78203	62.44977	221.93691	3.57830	0.1782110	2.2142880124765	(165234)	16.1	5.40465	213.77610	189.05719	6.73887	0.1611668	2.2655477124785
(165183)	16.8	1.17780	0.51959	21.14015	6.40796	0.2392590	2.2742288124765	(165235)	16.6	21.82757	131.50966	227.03875	1.57981	0.1589664	2.2998258124785
(165184)	16.2	73.89202	295.09309	8.14775	5.99918	0.1398320	2.2687945124766	(165236)	15.9	27.80955	343.86916	27.70592	7.04114	0.1203380	2.2698087124786
(165185)	16.7	67.13615	101.73795	181.72677	4.27748	0.2370639	2.2756579124766	(165237)	16.5	27.47582	298.32206	26.07016	7.42783	0.1252099	2.3548909124786
(165186)	16.3	352.74158	11.03106	17.00462	8.99161	0.0890028	2.2851924124767	(165238)	16.2	48.07227	296.51823	37.44291	7.28859	0.1444269	2.2905129124786
(165187)	16.6	353.19778	354.43240	46.60986	3.21569	0.2238747	2.2847218124767	(165239)	16.7	349.46135	198.30229	168.74541	2.39326	0.2009779	2.3623126124787
(165188)	14.1	340.20921	8.31048	26.47998	7.85112	0.2918006	3.9703430124767	(165240)	16.0	8.84043	350.35057	32.11633	8.51406	0.0738822	2.3009867124787
(165189)	16.3	358.10693	64.23163	320.73640	7.04379	0.1002038	2.2497866124768	(165241)	15.4	62.16977	66.45107	245.85860	7.27335	0.1850746	2.2684732124788
(165190)	17.3	37.49680	333.57049	334.58016	9.60730	0.1988655	2.2908647124768	(165242)	16.0	79.13461	67.48957	219.20256	5.29144	0.1636387	2.3005570124788
(165191)	16.7	339.32293	275.45923	136.19458	6.45250	0.1767257	2.2814766124768	(165243)	16.7	29.76967	327.39617	10.40347	2.96463	0.1754976	2.3198194124788
(165192)	16.2	303.64580	103.10385	350.11590	5.10863	0.0783007	2.2246243124769	(165244)	16.6	2.33278	97.73844	274.92770	1.57874	0.2164750	2.3231295124789
(165193)	17.3	9.08643	40.09561	293.69352	2.21753	0.0818666	2.3156849124769	(165245)	17.3	23.87536	121.91378	213.86448	4.86106	0.1908924	2.3349348124790
(165194)	16.9	21.84102	330.85058	25.98580	5.49205	0.2485210	2.3044928124769	(165246)	16.0	22.75344	358.99534	10.92200	7.01586	0.1530321	2.2898518124790
(165195)	16.5	31.62357	115.09223	228.58911	5.01908	0.2477252	2.2734932124770	(165247)	16.4	356.19877	6.44735	21.09537	7.00794	0.1222628	2.3196938124790
(165196)	15.9	59.35493	90.38336	237.85952	5.19489	0.1916949	2.2424173124770	(165248)	16.9	0.57937	194.30777	171.82984	2.40912	0.2225303	2.3398146124791
(165197)	15.5	299.91340	123.46383	322.67129	7.12256	0.1008259	2.2944849124771	(165249)	16.6	0.94343	181.55292	196.09203	6.33922	0.1144737	2.3308384124791
(165198)	16.7	16.24693	144.92929	235.09843	5.14599	0.1746180	2.2541953124771	(165250)	16.4	329.35868	353.09625	50.53388	5.63134	0.1307558	2.3465129124792
(165199)	15.8	60.31175	54.90558	251.01009	7.63663	0.1529057	2.2971411124772	(165251)	16.0	22.33591	19.80134	332.78181	6.60815	0.1531832	2.3223866124792
(165200)	16.7	52.96129	87.02535	197.71951	5.66032	0.2040523	2.3130450124772	(165252)	16.6	333.67256	257.22495	176.58509	2.06379	0.1421607	2.2714339124792
(165201)	16.8	301.91644	166.64717	274.71795	2.38755	0.2350996	2.3478080124772	(165253)	17.4	58.22548	125.20937	175.18494	3.31490	0.2324006	2.2776437124793
(165202)	16.2	341.96966	307.29822	113.15751	4.73877	0.1948194	2.3002930124773	(165254)	17.1	356.70871	218.79270	187.75103	4.94259	0.1104234	2.2756790124793
(165203)	16.0	36.34579	0.25258	354.22580	6.57443	0.1434050	2.2644218124773	(165255)	16.8	18.62729	199.56752	179.29622	3.12504	0.2268941	2.2838496124793
(165204)	16.2	326.71220	29.25175	33.42714	6.94901	0.2230337	2.3117858124774	(165256)	16.0	252.62654	295.83404	204.35940	4.72547	0.0590780	2.3165248124793

(165257)	16.1	43.03976	278.97952	28.91310	7.03527	0.1161247	2.3686198124794	(165309)	17.0	10.59496	207.06292	127.27428	5.29106	0.2350645	2.3622088124811
(165258)	17.0	50.70809	270.51071	18.32351	2.75480	0.1311348	2.3373478124794	(165310)	16.8	296.16929	357.17021	93.79148	1.74267	0.1595918	2.3590675124812
(165259)	16.3	41.40417	192.72962	135.42967	8.45476	0.1435471	2.3221704124795	(165311)	16.7	15.10904	321.16013	19.67330	3.27185	0.2231028	2.3674892124812
(165260)	16.1	11.48711	258.99737	107.32095	7.54440	0.1471958	2.3276075124795	(165312)	17.2	2.22213	286.57558	67.34794	4.02494	0.2685806	2.3635201124812
(165261)	16.3	289.07887	321.89054	145.31335	8.06099	0.2316920	2.3663924124795	(165313)	16.0	16.84297	260.25534	83.80548	6.03539	0.1817040	2.3723478124813
(165262)	17.1	22.22170	177.00398	204.77575	3.91807	0.1583512	2.2665867124796	(165314)	16.9	325.93592	65.70093	358.49956	2.69487	0.1462518	2.3304273124813
(165263)	16.8	338.87318	184.39975	206.20768	1.86214	0.1526354	2.3484437124796	(165315)	16.1	294.98576	211.05568	271.44338	4.92513	0.1726202	2.2874742124814
(165264)	16.6	281.63269	256.60783	180.59596	2.71787	0.1710214	2.3899094124796	(165316)	15.8	160.63170	340.21354	255.27624	4.25730	0.0743094	2.2890778124814
(165265)	15.9	269.33134	100.49392	28.07546	7.77374	0.1440966	2.3183061124796	(165317)	16.4	309.62972	108.33518	337.65522	2.38185	0.1514012	2.3438864124814
(165266)	15.2	88.98856	43.37248	226.40750	22.90905	0.1777572	2.2966860124797	(165318)	16.2	274.10812	130.53885	320.45985	1.76679	0.1802370	2.4238141124815
(165267)	16.1	309.66922	50.12071	42.09621	5.39738	0.0986881	2.2515214124797	(165319)	15.8	59.72668	85.13771	250.03144	3.92724	0.2324987	2.2753579124815
(165268)	16.6	317.68927	324.42834	99.80342	3.77528	0.1172911	2.3150119124798	(165320)	16.2	315.39353	55.12187	27.26952	7.47236	0.1333889	2.3333901124815
(165269)	17.0	35.72586	213.32484	95.95826	4.46074	0.2610371	2.3216696124798	(165321)	16.9	310.38241	232.19610	230.96186	1.95659	0.1778975	2.3028959124816
(165270)	16.6	19.46993	198.50824	158.62727	5.08184	0.0656436	2.3092565124798	(165322)	17.1	6.82220	268.71639	88.18592	3.41040	0.2110845	2.3533412124816
(165271)	15.8	68.89796	68.60492	230.48233	3.92417	0.2051364	2.3064840124799	(165323)	15.8	248.64002	263.79041	237.50763	9.54486	0.1915696	2.3938751124816
(165272)	17.3	41.69306	219.00128	80.57835	3.18900	0.2269515	2.3331668124799	(165324)	16.4	288.00259	222.98587	236.31052	5.53017	0.0989340	2.3634814124817
(165273)	16.6	34.92566	254.82892	92.04442	5.21660	0.1533984	2.3099038124800	(165325)	16.6	315.64260	15.77697	68.17191	2.89748	0.1939559	2.3271412124817
(165274)	16.1	50.66971	275.75405	66.70485	7.40089	0.1432926	2.2818172124800	(165326)	16.4	340.32681	317.64981	68.29859	7.47661	0.1387761	2.3548508124817
(165275)	16.7	63.32016	284.88000	355.12794	4.60605	0.2190323	2.3409318124800	(165327)	17.3	26.65015	2.18703	350.67255	2.95020	0.1559561	2.3127834124818
(165276)	15.8	6.18901	131.86592	234.43326	5.00276	0.1742615	2.3290743124801	(165328)	16.2	81.91509	24.53368	259.90874	5.48224	0.1730651	2.3207339124818
(165277)	16.2	340.35655	150.97926	253.06089	5.65479	0.0830465	2.3030405124801	(165329)	16.5	324.67737	43.05621	8.39669	5.04611	0.1288577	2.3668285124818
(165278)	16.5	37.39860	141.39136	217.78501	6.22588	0.1117824	2.2761450124801	(165330)	16.4	55.11144	215.93280	104.81637	1.98899	0.1571082	2.3041722124819
(165279)	15.9	301.88301	131.80606	306.45199	6.97784	0.0679107	2.3280675124802	(165331)	16.7	355.95694	281.32801	107.61756	6.74465	0.1041057	2.3290726124819
(165280)	16.5	16.08022	117.01791	226.33501	5.64402	0.1502586	2.3445128124802	(165332)	17.0	219.31380	342.20777	201.04973	1.99789	0.1077223	2.3295836124819
(165281)	16.6	301.73098	103.10105	19.15877	4.36899	0.1735629	2.2634720124802	(165333)	16.5	314.38098	199.40995	237.26647	3.06146	0.1531657	2.3394814124820
(165282)	17.0	45.39584	256.98393	32.11004	2.76948	0.2063643	2.3632195124803	(165334)	16.3	281.05693	296.29058	188.71758	3.06258	0.1275385	2.3191695124820
(165283)	15.6	355.76584	93.29735	252.44387	6.28690	0.1195514	2.3975305124803	(165335)	15.9	55.33421	214.33974	103.96849	1.96233	0.17367843	2.3101735124820
(165284)	16.0	104.02038	71.70615	151.98028	6.56303	0.0528496	2.3720041124803	(165336)	16.2	61.58020	248.21320	84.04611	4.18978	0.1818490	2.2924098124821
(165285)	17.6	38.26000	97.03463	191.19991	0.87456	0.1813114	2.3641313124804	(165337)	16.8	21.59740	174.03974	192.89299	6.24151	0.1498686	2.3250850124821
(165286)	16.6	122.27715	297.85016	268.72008	3.61530	0.1609913	2.3555592124804	(165338)	16.5	33.34728	210.98987	137.03518	3.75770	0.1833287	2.3289516124821
(165287)	16.3	352.15990	310.15448	62.56540	6.62557	0.0889680	2.3657476124804	(165339)	15.9	260.62284	43.95170	74.84501	7.26710	0.1028742	2.3951558124822
(165288)	16.4	348.72277	302.98979	81.05516	7.77672	0.1306999	2.3214184124805	(165340)	16.4	300.54936	233.44125	211.05163	0.38130	0.0763042	2.3735367124822
(165289)	16.5	320.31850	273.42858	141.16973	10.91824	0.1745113	2.3389212124805	(165341)	15.4	6.84412	316.57954	76.65253	11.09627	0.0398225	2.3367430124822
(165290)	16.8	329.64263	337.06291	84.37826	3.63677	0.2304439	2.3035898124805	(165342)	16.4	322.59550	79.35499	340.21678	0.87622	0.1718214	2.3721223124823
(165291)	17.6	33.04808	313.42759	20.28567	5.97572	0.1754731	2.2903922124806	(165343)	15.1	299.75555	25.92528	77.03862	11.72538	0.1928279	2.3950218124823
(165292)	17.3	6.16252	204.23121	165.75136	5.70526	0.1824320	2.2896122124806	(165344)	16.7	11.27330	37.58316	330.18287	4.52560	0.2508035	2.3401643124823
(165293)	16.1	264.61265	120.42274	2.66827	2.81834	0.1807746	2.3313194124806	(165345)	15.8	25.94472	63.52453	280.95056	5.64185	0.1280204	2.3520282124824
(165294)	17.4	325.70509	248.88677	180.31530	3.45676	0.1579583	2.3154333124807	(165346)	16.3	293.27266	158.40011	285.73204	4.91294	0.0895369	2.3826334124824
(165295)	16.9	274.80875	260.61458	217.53803	1.30500	0.1512528	2.3374299124807	(165347)	16.6	238.94457	95.69894	58.51389	3.06509	0.1396266	2.3797049124824
(165296)	16.5	263.15441	286.90998	196.61640	4.47950	0.1083594	2.3138829124807	(165348)	17.1	343.46039	28.97805	16.79779	2.39375	0.1795842	2.3540274124825
(165297)	16.1	283.14506	252.38721	222.70737	5.48375	0.1057052	2.3063413124808	(165349)	16.5	274.13240	87.06723	42.17170	3.48159	0.2097895	2.3795944124825
(165298)	16.6	387.7706	220.40357	103.25140	6.23261	0.1422413	2.2935595124808	(165350)	16.8	325.43919	18.97268	41.92698	1.97823	0.1703423	2.3718714124825
(165299)	16.5	340.34755	265.61697	142.83667	6.19872	0.0900078	2.2922623124808	(165351)	15.5	15.76515	295.27378	82.47751	10.26256	0.2448804	2.2984663124826
(165300)	16.8	67.50948	134.34544	155.72151	6.22711	0.1864086	2.3013513124809	(165352)	17.0	291.98070	173.56762	291.15725	1.23560	0.1794433	2.3787939124826
(165301)	16.6	337.77135	355.88640	47.42269	4.68780	0.0375107	2.3343596124809	(165353)	15.3	326.99273	171.75541	252.32402	7.45989	0.1996539	2.4062525124826
(165302)	15.5	33.89548	346.95184	52.38378	6.19856	0.2555877	2.2476977124809	(165354)	16.1	1.71516	174.98189	247.61667	7.23742	0.2275588	2.3265689124827
(165303)	16.7	21.11537	267.45537	67.85485	3.51753	0.1872898	2.3523528124809	(165355)	15.7	11.22573	291.05746	79.71896	7.40413	0.2554644	2.3450779124827
(165304)	17.0	11.19141	154.76866	182.15634	2.34968	0.1968038	2.3704931124810	(165356)	15.9	34.26922	19.55701	333.93769	7.40869	0.1435351	2.3058148124828
(165305)	17.0	9.55702	259.66670	99.32105	3.32515	0.2365672	2.3373722124810	(165357)	16.8	285.08948	154.02123	306.31270	4.46192	0.1849453	2.3872330124828
(165306)	14.5	308.10591	234.58197	189.26657	9.20206	0.2693769	3.9710697124810	(165358)	16.5	339.14653	44.36058	20.34931	3.89218	0.1099117	2.3204021124828
(165307)	16.7	341.35262	268.93929	132.52727	3.47325	0.1697722	2.3424008124811	(165359)	16.6	349.00196	59.65540	333.46670	3.62062	0.1784928	2.3512495124829
(165308)	16.3	331.83812	344.24922	101.39783	6.68239	0.1287608	2.3030041124811	(165360)	16.0	44.65312	317.10751	30.01575	6.20596	0.1200345	2.3206997124829

(165361)	15.3	291.48261	160.80711	308.11487	8.02143	0.1844392	2.4290516124829	(165413)	15.6	276.46084	53.80910	71.34236	7.42221	0.0977486	2.4471941124847
(165362)	16.6	318.39365	59.23512	44.58568	3.36098	0.2099473	2.3279723124830	(165414)	16.2	216.49384	182.57686	315.50993	11.42807	0.1216434	2.5885013124847
(165363)	16.2	27.77085	299.70346	67.32091	7.30658	0.1112251	2.3353435124830	(165415)	16.2	1.72220	279.72500	137.31740	1.56418	0.2384741	2.3104539124847
(165364)	16.7	305.42542	44.19924	71.83823	1.56063	0.1582346	2.3413187124831	(165416)	16.2	253.27556	354.33194	142.24923	2.55550	0.1322635	2.4463584124848
(165365)	16.6	34.29830	198.14082	155.41400	8.91517	0.2526806	2.2996236124831	(165417)	16.7	297.40641	265.74830	187.31170	1.30515	0.1783480	2.4183584124848
(165366)	16.4	294.38301	265.98184	191.22162	4.13900	0.1938962	2.3857745124831	(165418)	16.0	324.65424	133.79799	284.51325	6.33543	0.1463407	2.4381268124849
(165367)	16.7	148.91576	220.78211	45.01994	6.12285	0.0326642	2.2283439124832	(165419)	15.5	337.29267	124.78990	283.01963	4.14832	0.1033658	2.4304875124849
(165368)	17.3	301.31382	257.28866	178.47262	1.25221	0.1657915	2.4424657124832	(165420)	15.2	163.90210	97.03425	100.17230	11.40668	0.1443021	2.5674285124849
(165369)	15.7	300.26580	44.36976	72.05502	24.49408	0.2135146	2.3017149124832	(165421)	15.5	291.55701	177.66734	291.95254	10.27391	0.1083946	2.4171925124850
(165370)	15.7	239.20094	174.01763	327.24773	4.00513	0.1570213	2.4341450124832	(165422)	15.8	357.29550	111.12235	291.66791	3.81388	0.1542835	2.3832090124850
(165371)	16.2	304.52060	132.12934	303.89432	5.30578	0.1076275	2.3976219124833	(165423)	16.3	298.22434	346.08180	98.23382	2.64524	0.1402723	2.4501088124851
(165372)	16.2	307.75495	131.57607	303.59245	5.32840	0.1523219	2.3937427124833	(165424)	16.6	337.61962	88.82697	322.18258	1.76125	0.1797886	2.4054932124851
(165373)	16.0	358.31874	2.82798	43.23264	8.65251	0.1550104	2.3266101124833	(165425)	15.7	299.00605	176.43429	282.86776	5.74283	0.0987900	2.4267386124851
(165374)	16.3	259.77392	127.22052	1.54148	2.40464	0.1358629	2.4124227124834	(165426)	16.2	303.04963	177.99941	282.15281	1.27863	0.1416455	2.4120270124852
(165375)	16.6	346.52131	111.38672	276.32060	6.12173	0.1804976	2.3922098124834	(165427)	15.7	283.51879	359.51605	129.44038	7.20953	0.0657209	2.4091549124852
(165376)	16.7	340.89247	103.98421	323.48247	2.15760	0.1841868	2.3392695124834	(165428)	15.8	5.77364	107.88634	293.88490	1.27446	0.2044274	2.3658636124853
(165377)	16.2	37.73037	71.62525	258.30295	5.49605	0.1306539	2.3636168124835	(165429)	17.1	1.82002	311.70853	55.05329	2.47227	0.1909507	2.4103525124853
(165378)	16.5	266.38406	28.96376	107.88982	3.20913	0.1353087	2.3575782124835	(165430)	16.7	307.17545	11.89459	98.99918	4.14122	0.1822863	2.3401273124853
(165379)	16.2	268.88960	26.37113	99.30468	4.73994	0.1216160	2.3872823124835	(165431)	16.2	324.88952	155.09770	273.87928	4.87800	0.1571334	2.3687047124854
(165380)	15.6	25.46466	244.23172	95.56837	24.30289	0.2392960	2.3392864124836	(165432)	16.7	306.87534	350.94025	88.82593	3.87234	0.2147153	2.3920575124854
(165381)	16.0	13.65602	5.46132	23.38155	7.58785	0.1071432	2.3231042124836	(165433)	15.6	13.06990	263.60323	84.31444	7.27799	0.2393329	2.3887950124854
(165382)	16.4	17.10099	83.54520	294.51400	6.12592	0.1275882	2.3242254124836	(165434)	16.1	9.26637	286.57805	91.80162	10.26805	0.1951228	2.3550433124855
(165383)	15.7	77.25954	261.66301	99.16704	22.53871	0.2647724	2.2633595124837	(165435)	16.4	321.34559	101.08290	336.72911	0.86783	0.1583124	2.3716352124855
(165384)	17.5	300.10644	197.46972	237.81705	0.66153	0.1509819	2.4108249124837	(165436)	16.4	317.11747	318.06936	136.17689	0.97943	0.1909210	2.3567995124855
(165385)	16.4	298.77164	352.67035	106.50180	3.97461	0.0584668	2.3467107124837	(165437)	16.3	338.62209	223.15915	198.07162	2.13712	0.2392060	2.3634137124856
(165386)	16.3	4.74520	10.22280	79.86242	6.79638	0.1420500	2.2651933124838	(165438)	16.6	301.49387	328.36735	129.14226	1.84342	0.1506356	2.3920442124856
(165387)	16.1	298.49094	342.10654	107.85815	5.87114	0.1075862	2.3624661124838	(165439)	15.9	249.50679	337.13107	113.53975	1.09988	0.1205969	2.390458124857
(165388)	16.4	13.63338	71.46300	298.07279	6.23550	0.1196845	2.3176967124838	(165440)	16.3	3.95013	17.56681	29.53137	2.66748	0.2123707	2.3440589124857
(165389)	16.4	0.08676	125.01360	268.59840	6.69536	0.1112478	2.3086770124838	(165441)	16.2	16.35144	125.28816	258.38182	3.91819	0.2097538	2.3443650124857
(165390)	16.2	357.04378	115.86125	249.02720	5.14638	0.1214900	2.4245328124839	(165442)	16.7	284.57653	242.79551	218.01566	0.53080	0.1462405	2.4625808124857
(165391)	16.0	356.44796	100.91381	289.18807	11.26240	0.0977940	2.3504297124839	(165443)	16.3	321.40021	279.23462	155.92629	7.74333	0.2475179	2.3983923124858
(165392)	16.1	349.22630	109.72623	292.39424	8.73884	0.1775609	2.3473494124839	(165444)	15.1	239.34332	59.23172	75.64438	4.35934	0.2096350	2.5722224124858
(165393)	16.0	358.38458	7.33547	22.09618	7.61750	0.1746166	2.3541988124840	(165445)	16.0	274.10567	196.31149	287.33814	5.17010	0.1348830	2.3943072124859
(165394)	14.9	298.01202	96.84137	68.99501	22.20209	0.2939782	2.3357705124840	(165446)	16.5	328.16668	94.92152	344.84137	2.21988	0.1584331	2.3722835124859
(165395)	16.1	274.36122	115.62360	342.50028	6.92158	0.0937572	2.4149457124841	(165447)	16.7	341.97982	345.91839	57.50119	3.09474	0.2082749	2.3994874124860
(165396)	15.6	305.58282	60.33378	336.48833	5.40026	0.1248546	2.4838989124841	(165448)	16.5	224.36351	99.23169	68.87340	3.39498	0.1096706	2.4691507124860
(165397)	16.5	330.09406	89.42479	15.37847	8.39947	0.2634642	2.3008919124841	(165449)	16.4	281.28301	84.89460	16.31001	2.15726	0.1132730	2.4631370124860
(165398)	16.6	11.33940	54.86957	336.43790	6.12302	0.1485228	2.3268674124841	(165450)	17.1	291.28479	126.42938	339.81027	2.14119	0.1429620	2.4149230124861
(165399)	16.2	332.24433	332.44983	57.15651	14.58051	0.2402420	2.4288251124842	(165451)	14.9	188.79259	152.22955	39.31182	2.44179	0.1014078	2.5308336124861
(165400)	16.1	341.03420	48.89072	1.44221	6.05325	0.0985767	2.3915605124842	(165452)	16.0	306.76223	342.64771	103.31434	9.95050	0.2111786	2.4372980124862
(165401)	15.7	335.71807	71.52686	15.37685	5.46754	0.2007165	2.3371552124842	(165453)	15.6	192.90309	206.42970	327.46033	8.39797	0.1012846	2.5710615124862
(165402)	15.9	303.89979	77.62996	23.68503	11.14787	0.2394701	2.4052774124843	(165454)	16.3	261.07304	194.42316	288.75666	6.32623	0.0971765	2.4385723124862
(165403)	15.6	359.58964	331.98821	24.82767	16.35428	0.0476150	2.4671260124843	(165455)	16.5	338.15948	77.89786	350.76974	1.94059	0.1837682	2.3559548124863
(165404)	14.6	270.57677	175.88419	308.93256	24.66343	0.2342483	2.4024552124843	(165456)	15.0	101.84275	223.21728	354.55091	12.73281	0.1280421	2.7080023124863
(165405)	16.4	344.90787	56.67344	344.37662	6.70325	0.1153867	2.3504664124844	(165457)	16.9	14.01127	87.20976	294.69215	1.32937	0.2126831	2.3649684124864
(165406)	17.3	307.49268	251.49803	196.22385	0.77656	0.1499350	2.3811064124844	(165458)	16.3	36.99159	274.91468	77.86925	5.86628	0.2359938	2.3348922124864
(165407)	15.5	247.43489	183.42155	336.42146	4.74400	0.1480532	2.4188389124844	(165459)	16.6	320.96897	46.44288	50.24078	2.09267	0.1475524	2.3726612124864
(165408)	16.2	336.52952	96.03036	323.50706	4.00255	0.1775080	2.3808983124845	(165460)	17.0	299.84537	115.56574	351.15406	0.70694	0.1492324	2.4155934124864
(165409)	16.9	34.63395	271.53312	63.22678	3.20545	0.2252147	2.3687842124845	(165461)	15.6	336.69190	195.60931	238.66787	10.59470	0.2532710	2.3871718124865
(165410)	16.5	4.79132	73.00472	316.86438	2.11237	0.1750207	2.3481239124846	(165462)	16.4	5.56741	279.04707	91.53858	4.10827	0.1818479	2.4687797124865
(165411)	16.9	70.34443	42.38698	269.83254	4.63169	0.1408825	2.4471127124846	(165463)	15.6	184.79344	234.46102	274.17837	2.34674	0.0901266	2.6176824124866
(165412)	16.1	239.91822	74.73077	106.41051	3.49352	0.1324846	2.4000392124846	(165464)	16.0	353.40608	291.47146	100.97026	6.24862	0.3186408	2.3807779124866

(165465)	16.0	279.19038	275.32212	197.86536	4.39658	0.1570647	2.4210924124866	(165517)	16.4	256.62247	51.06469	103.61135	7.64732	0.0802094	2.4468035124887
(165466)	14.9	220.68311	145.94591	343.91211	15.22606	0.0804342	2.5854847124867	(165518)	16.7	255.72202	107.17826	38.41962	3.59260	0.1680307	2.4772758124888
(165467)	16.2	351.88353	18.26419	22.88360	3.64858	0.1703738	2.3647638124867	(165519)	15.3	102.04537	239.68041	342.67174	13.09732	0.1699094	2.7753854124888
(165468)	16.5	337.69154	9.95299	53.22262	3.15186	0.2012335	2.3575868124867	(165520)	15.7	264.87000	185.66967	329.21371	3.84158	0.1207660	2.4268871124888
(165469)	16.0	240.30741	163.50508	352.36687	3.37822	0.1950532	2.4564534124868	(165521)	16.2	298.00496	352.74818	124.34859	3.01660	0.1592298	2.4283987124889
(165470)	15.3	253.28323	122.74418	2.54784	5.18364	0.1423096	2.4739296124868	(165522)	16.2	325.70807	35.55913	35.52409	6.81091	0.1238378	2.4631351124889
(165471)	16.2	266.45606	94.48735	40.50282	5.78118	0.1452255	2.4339138124869	(165523)	15.0	165.72951	155.43081	55.26192	11.61047	0.1115446	2.5907555124890
(165472)	16.2	339.41210	346.21485	50.62667	7.20097	0.1299333	2.4538773124869	(165524)	15.3	233.81133	153.17515	317.67454	18.05613	0.1910551	2.5916272124890
(165473)	16.2	215.75114	159.46899	330.64212	18.43733	0.0506689	1.8902075124869	(165525)	16.2	243.41097	76.69576	79.79286	0.02844	0.1571373	2.4794380124890
(165474)	16.3	348.60978	45.87651	325.78160	2.21947	0.2141985	2.4241250124870	(165526)	17.0	273.35118	340.87574	149.83068	3.11567	0.1530064	2.4550888124891
(165475)	16.0	291.31503	145.57817	342.35842	4.24999	0.1592723	2.3913933124870	(165527)	15.9	292.97210	311.26384	146.52610	6.70064	0.1115928	2.4621796124891
(165476)	16.4	287.76883	33.29957	83.25571	3.14718	0.1662533	2.4248805124871	(165528)	16.6	221.50688	152.66435	336.51220	13.70469	0.0878860	2.6061291124892
(165477)	15.9	236.97532	81.68676	99.42795	3.31276	0.1162607	2.4524315124871	(165529)	15.5	169.75309	151.69255	70.15768	14.60621	0.1191147	2.5270748124892
(165478)	15.8	318.78948	84.52589	1.10159	22.35299	0.2523356	2.3892632124871	(165530)	16.2	336.37108	25.01500	52.68744	12.12880	0.1735671	2.3807015124892
(165479)	15.7	298.25823	155.32061	307.39741	7.45707	0.0708586	2.4066030124872	(165531)	13.0	240.68136	321.64974	142.75757	10.20595	0.0414792	5.2700601124893
(165480)	16.6	353.69991	86.51653	317.15211	5.30498	0.1097193	2.4033284124872	(165532)	15.7	324.63345	354.03627	77.39178	5.91243	0.0883381	2.4752553124893
(165481)	16.9	337.43284	138.09867	287.17391	2.43120	0.1658457	2.3877376124873	(165533)	16.6	341.51530	82.85627	329.52826	1.78453	0.2042047	2.4297919124893
(165482)	16.2	264.19027	107.63433	24.73708	4.78028	0.1619929	2.4776445124873	(165534)	15.6	103.51009	318.94555	313.42161	3.44736	0.1070456	2.5799708124894
(165483)	16.0	333.35649	211.89598	212.00147	5.45860	0.1775900	2.3925442124874	(165535)	16.6	273.25397	140.05795	358.43952	4.90522	0.0682667	2.4793900124894
(165484)	16.1	199.17432	95.35334	51.12408	3.66286	0.0327497	2.5944509124874	(165536)	16.7	16.42648	351.98913	70.65121	6.17012	0.2151865	2.3540881124894
(165485)	17.3	303.96669	83.06100	28.20703	1.67856	0.1411614	2.3986917124874	(165537)	15.7	180.85050	106.71561	93.49150	6.85622	0.0536254	2.5502027124895
(165486)	15.9	216.41557	83.63144	62.06955	4.75808	0.1734663	2.5766185124875	(165538)	16.5	336.67578	63.26989	10.13790	9.95910	0.2464225	2.4044931124895
(165487)	16.2	316.05687	5.72535	86.51999	6.10584	0.1955126	2.4070865124875	(165539)	16.2	323.30309	18.54124	31.99052	2.89162	0.1636024	2.5181983124896
(165488)	15.8	329.03807	112.98033	315.08865	3.09033	0.1363810	2.3839091124875	(165540)	15.6	220.98354	58.24460	96.45198	8.55713	0.1386381	2.5937843124896
(165489)	16.7	335.82317	286.23766	117.02361	2.92187	0.2021697	2.4339687124876	(165541)	16.7	241.27061	132.48527	53.97343	4.61201	0.1540696	2.4697900124896
(165490)	16.1	323.28590	147.96690	304.60715	3.35099	0.1616774	2.3983073124876	(165542)	16.0	355.32531	31.48284	20.83316	2.81000	0.1824700	2.4081638124897
(165491)	15.9	312.17785	323.78626	124.12499	4.50521	0.0879200	2.4539643124876	(165543)	15.9	200.25570	142.06310	46.91925	3.75039	0.0639676	2.5337515124897
(165492)	15.9	318.10516	150.26385	313.31304	1.81044	0.1436632	2.3986881124877	(165544)	16.8	214.78373	137.81464	38.49439	2.09201	0.2071121	2.5597185124898
(165493)	15.6	320.50495	308.63248	152.11705	3.36678	0.1520048	2.4044579124877	(165545)	16.1	322.94113	268.13178	180.04635	1.87398	0.1944813	2.4066551124898
(165494)	15.9	304.40064	304.30605	166.13539	22.77857	0.3072591	2.3932402124878	(165546)	15.9	347.08915	82.40442	318.48743	9.79424	0.1962083	2.4517496124899
(165495)	15.8	321.56102	126.96083	331.50700	2.81437	0.1904298	2.4165233124878	(165547)	16.2	332.49609	281.99189	147.24002	1.51404	0.1717448	2.4324916124899
(165496)	16.6	330.60566	206.35715	252.24757	1.62801	0.1884663	2.3858715124879	(165548)	15.5	183.15825	60.24228	133.89712	4.68186	0.0744754	2.5666072124899
(165497)	16.4	348.79915	20.34972	110.08429	7.23133	0.1785568	2.2790949124879	(165549)	15.7	222.56565	319.81846	252.32507	2.94987	0.2447713	2.4547369124900
(165498)	16.3	28.66511	323.15583	57.28005	2.98829	0.2161221	2.3925987124879	(165550)	16.4	338.37102	209.49225	221.14890	2.33740	0.2199726	2.3950254124900
(165499)	16.6	272.03469	109.86876	43.12528	2.66604	0.1320742	2.4215315124880	(165551)	12.2	289.45887	306.65588	125.86001	6.24590	0.0316888	5.1138986124901
(165500)	15.7	169.74679	303.75236	262.90426	12.47430	0.2257752	2.6056247124880	(165552)	15.5	167.14719	211.46876	335.51119	13.33630	0.1090907	2.6552437124901
(165501)	16.0	213.97663	342.15282	167.08346	13.60693	0.1138559	2.5807589124881	(165553)	16.2	317.59327	133.49684	320.05829	2.18118	0.1509273	2.4393445124901
(165502)	14.8	215.92656	21.86659	142.85817	15.10970	0.0228268	2.5697894124881	(165554)	15.7	17.99721	79.38884	326.62639	5.21906	0.2730979	2.3658590124901
(165503)	15.9	355.76839	46.99770	46.84080	2.86213	0.1675613	2.3509869124881	(165555)	15.5	242.83098	157.18249	334.44318	12.74607	0.1133660	2.5686858124902
(165504)	16.0	282.41255	270.72527	219.39824	5.57131	0.0605293	2.4338811124882	(165556)	16.4	342.41979	154.04568	291.31305	1.30473	0.1857191	2.3920170124902
(165505)	15.8	233.62348	148.25403	330.64650	11.05839	0.1324531	2.6353143124882	(165557)	15.4	224.24496	347.56270	164.70377	14.68921	0.0435556	2.5606377124903
(165506)	16.9	274.35320	5.24788	139.41152	2.11490	0.1158846	2.4292157124883	(165558)	14.1	32.38516	61.16644	308.77430	7.97950	0.2041297	2.7743909124903
(165507)	15.7	278.07950	50.06359	80.46800	3.27336	0.1498975	2.4555597124883	(165559)	15.9	311.34390	61.61743	45.44807	5.19392	0.1531039	2.3987616124904
(165508)	16.0	250.27492	138.13681	345.25409	8.72608	0.1825462	2.5447509124884	(165560)	15.1	128.77069	229.79244	25.46720	12.98779	0.1367651	2.5786319124904
(165509)	15.8	305.55413	114.42356	357.43335	4.85974	0.1772084	2.4260766124884	(165561)	16.5	334.85258	53.65165	19.95536	4.63483	0.2200060	2.3859595124904
(165510)	15.9	218.07899	102.03524	43.28194	5.20826	0.1063139	2.6105101124885	(165562)	16.7	313.39361	314.47536	138.61878	3.73648	0.0938110	2.4646058124905
(165511)	16.5	334.18224	58.66814	6.78684	2.15332	0.1994687	2.4294628124885	(165563)	16.5	100.54010	108.20159	128.55274	2.82090	0.2041297	2.7743909124905
(165512)	15.6	145.16531	89.54037	126.91876	4.33005	0.1141078	2.6331492124885	(165564)	16.7	302.80216	109.48096	343.23434	2.02730	0.1623656	2.4629154124905
(165513)	15.5	218.20466	94.92831	51.37867	4.58412	0.1168871	2.6033679124886	(165565)	16.4	229.23478	337.49445	187.19095	3.32627	0.1493236	2.5343424124906
(165514)	16.1	249.38113	91.94352	79.62838	3.36377	0.1644839	2.4385599124886	(165566)	15.6	251.19958	91.05437	48.92255	5.81992	0.1527674	2.5548083124906
(165515)	16.2	254.03059	126.73829	337.97401	6.29794	0.1464240	2.5577087124887	(165567)	17.4	322.01738	76.39030	3.42211	2.35342	0.2127002	2.4623554124907
(165516)	16.5	326.78363	67.16991	22.99306	4.85438	0.1246464	2.3949753124887	(165568)	16.9	95.40833	125.77129	141.75017	3.54896	0.0465125	2.6689486124907

(165569)	13.4	235.42615	332.18846	136.18304	5.43537	0.0633861	5.1082235124907	(165621)	15.6	214.57731	234.79943	293.21472	3.80830	0.0898217	2.6094735124925
(165570)	16.0	160.11200	196.92138	349.00385	4.44229	0.0945983	2.7154367124907	(165622)	15.6	259.55802	285.47169	188.50940	27.66799	0.1383478	2.6022909124925
(165571)	16.1	248.53640	326.16007	167.60209	10.32374	0.1088349	2.5802689124908	(165623)	16.4	219.29648	159.00101	21.41591	1.12902	0.0638899	2.5647608124926
(165572)	16.1	295.61843	15.16857	70.29761	4.66295	0.0868251	2.5279361124908	(165624)	16.4	243.56654	152.18830	18.14643	11.30115	0.1134772	2.4921541124926
(165573)	15.5	285.70093	35.53757	51.30288	6.50620	0.1581365	2.5273479124908	(165625)	15.8	192.93020	189.45568	357.43466	5.75712	0.1453050	2.6216987124926
(165574)	15.6	220.87587	325.83973	156.54305	10.68447	0.1281799	2.6220599124909	(165626)	14.3	105.52975	284.63104	333.79220	15.44043	0.2106370	2.7906562124926
(165575)	16.3	293.39817	288.93955	159.75553	5.06412	0.0507135	2.5770907124909	(165627)	15.2	98.14361	252.04904	42.75641	14.38682	0.1797842	2.6142655124927
(165576)	15.9	247.91161	329.58278	152.67873	8.08719	0.0884224	2.5589888124909	(165628)	15.5	139.52809	353.54402	227.38873	8.87201	0.1437541	2.7309260124927
(165577)	15.5	9.60133	300.23611	129.37484	7.24815	0.2790092	2.3727198124909	(165629)	15.1	158.41464	202.79211	37.73884	27.04780	0.0056446	2.5846857124927
(165578)	16.7	319.56624	318.21027	113.78981	2.44189	0.0749073	2.5387704124910	(165630)	16.0	197.08620	220.29902	325.19113	1.81628	0.1269086	2.6042375124928
(165579)	16.9	284.61663	112.96344	24.03977	2.45033	0.1588746	2.4485534124910	(165631)	16.2	263.21565	283.45297	183.10042	14.12814	0.1159198	2.6137576124928
(165580)	15.2	220.01899	144.57935	7.57792	7.69393	0.1421540	2.6178004124910	(165632)	16.1	223.98691	316.08026	159.88482	6.07728	0.0876071	2.7122006124928
(165581)	14.9	251.96891	1.53641	125.67625	14.09159	0.1139132	2.5956292124911	(165633)	15.3	269.01579	12.21564	120.92799	16.43261	0.2404602	2.5633174124929
(165582)	16.4	277.56892	100.53206	7.96725	23.22048	0.0296194	1.8770604124911	(165634)	15.3	98.70136	59.39319	225.18402	5.71249	0.2823755	2.7712424124929
(165583)	15.7	213.99719	308.69978	176.21929	8.31605	0.0205199	2.7001221124912	(165635)	15.2	213.99310	163.36113	38.23031	13.76254	0.0850884	2.5274283124929
(165584)	14.9	53.39940	328.36584	11.59303	13.34562	0.1456306	2.6092621124912	(165636)	16.0	69.94014	136.42616	177.68409	16.87353	0.1012067	2.6537190124930
(165585)	16.3	261.51571	289.81882	157.79825	6.14230	0.0384530	2.7151372124913	(165637)	16.9	276.85275	39.77382	65.34542	1.08744	0.0839297	2.5947502124930
(165586)	15.6	207.12480	343.45371	203.11065	6.33546	0.0895288	2.5864614124913	(165638)	16.5	254.74702	156.80456	330.98335	4.79138	0.1538585	2.5543394124930
(165587)	16.3	221.72263	279.94142	247.82002	4.13411	0.1754760	2.5934928124913	(165639)	16.5	217.25620	118.01320	35.03088	21.43546	0.0770316	1.9049408124931
(165588)	15.8	134.03363	233.91269	353.57027	8.52694	0.0601435	2.7209543124914	(165640)	15.6	39.50905	330.27984	17.54466	15.23554	0.1213814	2.6319847124931
(165589)	16.2	225.57790	5.95434	166.81936	5.45636	0.2441625	2.5949362124914	(165641)	15.7	221.47834	323.57423	236.49581	12.45021	0.1085963	2.5464877124931
(165590)	17.5	266.15734	305.71351	171.32444	22.32105	0.0893488	1.8636591124914	(165642)	15.7	221.16486	348.92744	148.41726	13.50534	0.1732464	2.6935862124932
(165591)	15.9	135.75875	223.93977	24.71471	8.97894	0.2248575	2.6910729124915	(165643)	14.9	141.48385	63.06713	169.41688	14.32067	0.1503887	2.7523580124932
(165592)	15.3	291.07463	69.05849	32.59786	14.75606	0.0020165	2.5686837124915	(165644)	15.2	123.87920	37.45822	214.07785	13.13202	0.1579733	2.7682163124933
(165593)	15.9	310.66120	30.05344	49.60317	14.75230	0.0592747	2.6589796124915	(165645)	16.3	337.64103	201.81109	210.95743	11.50338	0.1796283	2.6531256124933
(165594)	15.6	157.68013	212.00151	6.53301	12.65690	0.1064578	2.6568604124916	(165646)	16.6	27.25238	133.91743	215.94992	5.46957	0.0289650	2.7493633124933
(165595)	15.2	164.10584	179.82423	9.42274	9.30827	0.0982010	2.7142738124916	(165647)	16.3	52.95699	273.37640	49.50437	1.47713	0.0891871	2.7803472124933
(165596)	15.7	246.91426	135.18976	353.82467	5.32941	0.1371889	2.6017904124916	(165648)	16.3	332.89670	3.51220	36.46320	5.45391	0.1173480	2.7227122124934
(165597)	15.4	207.04174	159.71075	11.09819	13.29304	0.1224614	2.6381551124917	(165649)	16.1	216.08596	349.33532	207.06590	7.33870	0.1682824	2.5938875124934
(165598)	16.2	215.29883	328.84600	186.35516	14.26924	0.1942286	2.6492545124917	(165650)	14.5	142.76508	22.83238	233.52445	31.06878	0.0847560	2.7131120124934
(165599)	15.3	198.11337	172.95940	1.50967	5.10588	0.1291692	2.6791535124918	(165651)	15.6	220.83528	74.41346	65.96928	5.58908	0.1014525	2.7140970124935
(165600)	14.8	143.76702	9.33570	209.73216	10.89793	0.2342755	2.7534484124918	(165652)	15.9	86.35322	212.22019	59.13953	5.47886	0.1069919	2.8389390124935
(165601)	16.0	222.94518	255.68007	268.90640	2.72302	0.1136921	2.5905548124918	(165653)	14.8	66.37233	116.01976	214.34999	12.56522	0.2253495	2.7958519124935
(165602)	15.0	124.91150	239.18919	12.74636	8.49427	0.1671564	2.7630372124919	(165654)	15.9	13.78154	145.67191	166.63184	13.55767	0.2891087	3.1569419124936
(165603)	16.0	272.57165	22.19596	93.77050	15.63224	0.0431692	2.5986908124919	(165655)	15.4	137.22083	207.95550	60.56171	10.16159	0.0498114	2.6710618124936
(165604)	16.0	289.35014	83.74181	30.67612	7.08039	0.1803941	2.4717409124919	(165656)	15.4	35.65259	148.16345	149.06902	5.25874	0.3004105	3.0893105124936
(165605)	15.8	181.87078	174.63636	35.09485	4.64930	0.0682746	2.5766071124920	(165657)	15.8	75.50944	96.12131	183.88891	8.23874	0.1311232	2.9552582124936
(165606)	16.1	154.15616	218.74842	15.14623	13.09452	0.1274644	2.6324687124920	(165658)	16.7	157.54141	50.25286	189.48450	3.31467	0.1334538	2.6296051124937
(165607)	15.4	196.68749	134.66545	32.36860	11.79602	0.0215354	2.6781013124921	(165659)	14.9	24.01570	233.76827	121.83397	27.81247	0.3609066	3.1008952124937
(165608)	16.4	248.25619	356.15252	123.46113	4.36434	0.1435815	2.6326701124921	(165660)	15.0	36.99288	105.68486	243.84226	8.52994	0.1414944	2.9879260124937
(165609)	15.5	227.70265	339.95462	169.59608	13.66248	0.1212848	2.6304625124921	(165661)	15.2	82.09377	280.88666	354.47869	5.95272	0.2680303	3.0199960124938
(165610)	15.8	167.34356	346.57340	219.53029	9.91997	0.1596584	2.6751747124922	(165662)	14.2	26.56505	72.61231	288.02725	10.68363	0.0688765	3.0069162124938
(165611)	17.1	113.14875	152.03405	131.19412	1.36314	0.1184045	2.6013259124922	(165663)	14.5	44.97157	98.38576	235.95827	12.06665	0.0990868	3.1172929124938
(165612)	16.5	230.50220	310.59697	221.89143	1.70087	0.0437869	2.5637561124922	(165664)	14.9	358.25541	90.04329	270.25769	8.19143	0.0755617	3.1706408124939
(165613)	17.2	306.74344	95.85240	7.84155	5.32309	0.1178441	2.4852392124922	(165665)	15.1	40.60807	109.52660	225.57262	9.60950	0.1305002	3.0597920124939
(165614)	15.8	202.65342	359.51596	159.72268	13.76834	0.2080906	2.6685889124923	(165666)	14.9	5.97071	294.83116	86.41127	3.73590	0.1742192	3.0217546124939
(165615)	16.2	186.94637	180.40279	13.83769	29.51726	0.0501549	2.6282662124923	(165667)	16.4	64.90966	260.94447	50.07374	2.52020	0.0708133	3.0076919124940
(165616)	15.9	260.74165	269.70975	219.24268	6.53133	0.1564080	2.5380073124923	(165668)	14.8	69.12360	321.06972	321.99293	6.61737	0.1747101	3.0847353124940
(165617)	15.7	79.30628	146.23559	170.62281	15.17192	0.1278875	2.5667633124924	(165669)	15.5	23.75758	219.40621	106.25675	10.05508	0.2009356	3.1824451124940
(165618)	16.0	294.97349	317.62096	130.87865	7.60267	0.1558971	2.5297308124924	(165670)	14.9	80.54226	29.74223	243.11913	18.39374	0.2287039	3.1217975124940
(165619)	16.2	15.16386	2.44340	90.50545	3.31944	0.1569918	2.3228080124924	(165671)	15.5	69.41201	200.80930	106.70316	2.60600	0.0719125	2.9994742124941
(165620)	15.6	107.68910	261.15969	351.07287	8.81188	0.0887046	2.7330351124925	(165672)	15.8	13.68666	4.91485	346.11167	10.14438	0.2096027	3.1490798124941

(165673) 14.4 93.65339 324.74151 324.29635 23.80237 0.0752705 2.9768076124941
 (165674) 15.3 53.58173 142.94124 152.14914 12.57284 0.1882982 3.1867170124942
 (165675) 15.1 52.93757 315.56828 15.96749 10.56796 0.1078029 3.0089735124942
 (165676) 14.8 36.50791 211.13468 97.63377 20.02929 0.1781466 3.1653903124942
 (165677) 14.6 22.23082 33.97084 329.88700 16.42605 0.1371973 3.2021302124942
 (165678) 15.4 77.60706 308.66476 346.79980 4.48814 0.1244748 3.0130931124943
 (165679) 14.7 61.69341 243.60244 77.63437 10.80981 0.0901993 3.0406748124943
 (165680) 15.1 73.74598 131.78949 173.90288 10.38603 0.1051702 2.9745359124943
 (165681) 15.2 74.13414 21.04141 250.05143 3.36060 0.2363463 3.1062587124944
 (165682) 14.0 35.98363 11.26149 334.65562 14.92084 0.2327834 3.1698281124944
 (165683) 14.3 8.79700 240.22572 142.73859 21.92683 0.3036297 3.1414175124945
 (165684) 14.6 57.06688 168.27564 160.43523 18.67427 0.1788446 3.1340426124945
 (165685) 15.5 95.00109 125.25767 131.98295 4.23337 0.1129818 3.0709057124945
 (165686) 15.2 32.36559 229.17194 107.29316 6.13600 0.2604949 3.0915395124946
 (165687) 14.7 13.57472 121.54060 259.48453 8.59155 0.1319483 3.0244005124946
 (165688) 13.8 94.14894 9.00037 256.22114 16.61126 0.1673461 3.1115435124946
 (165689) 14.8 75.39661 140.15005 124.24903 22.70567 0.1604229 3.1698344124947
 (165690) 13.9 23.91337 42.32408 297.04620 10.92760 0.1393780 3.2412932124947
 (165691) 15.0 50.49300 192.67242 127.20531 1.99329 0.1600240 3.1514916124947
 (165692) 14.9 54.66874 65.67549 245.82300 15.06728 0.2092945 3.1286954124948
 (165693) 14.8 18.12511 290.06798 74.31991 10.36183 0.1325181 3.0921035124948
 (165694) 14.6 290.53008 119.96995 330.34530 15.05684 0.0748648 3.1279949124948
 (165695) 15.4 39.76705 168.76199 177.52955 4.91625 0.1630001 3.0685438124949
 (165696) 14.5 353.04205 96.46515 261.36381 11.14435 0.1364699 3.3416066124949
 (165697) 14.9 19.77147 127.48927 273.67753 10.33412 0.2332469 3.0525355124949
 (165698) 15.1 30.56838 132.58170 206.87110 4.41519 0.1314831 3.139252124950
 (165699) 15.5 28.38913 180.31456 181.34883 2.21645 0.0968524 3.0509992124950
 (165700) 14.3 340.84545 135.53438 272.04054 5.02708 0.2268360 3.1570284124950
 (165701) 15.3 37.60745 313.72310 70.91659 13.00926 0.2611295 2.9991383124951
 (165702) 15.0 355.85113 198.96476 183.25483 2.19178 0.1035328 3.1937522124951
 (165703) 15.0 56.80575 338.10982 311.59458 4.11447 0.1268605 3.1696472124951
 (165704) 15.1 42.25394 33.47052 297.60576 4.07542 0.1589223 3.142326124952
 (165705) 15.2 2.16236 352.31250 25.20090 1.20759 0.2094853 3.1787667124952
 (165706) 15.3 12.98806 314.51250 63.83196 3.47272 0.1911652 3.1230555124953
 (165707) 15.1 64.21892 0.69223 329.75172 11.21731 0.0772277 3.0407299124953
 (165708) 14.7 70.16212 154.92011 141.37207 10.37610 0.0239038 3.1384937124953
 (165709) 14.6 7.73380 181.72837 205.42828 24.02889 0.0776580 3.0477803124953
 (165710) 15.3 106.54159 98.92309 163.44919 5.10825 0.2039474 3.0461249124954
 (165711) 15.2 54.64612 185.89455 147.87127 9.86640 0.2564361 3.0865805124954
 (165712) 15.7 43.50732 138.17699 177.39561 1.27390 0.1491302 3.2173061124954
 (165713) 14.4 24.38091 75.91131 296.38386 7.85984 0.1396340 2.9764926124955
 (165714) 15.4 52.90006 308.68932 312.18460 7.61246 0.1299582 2.5673371124955
 (165715) 15.0 63.42055 193.86850 124.61030 11.25203 0.1202305 2.9993642124955
 (165716) 14.6 352.03558 88.71851 329.01817 8.93915 0.1698101 2.9796272124956
 (165717) 14.8 70.46255 313.96032 326.29035 16.25481 0.1311697 3.1585113124956
 (165718) 15.2 53.47460 342.78891 332.38410 7.79616 0.0640515 3.1295732124956
 (165719) 15.0 22.44935 44.50201 337.90397 10.73019 0.1133143 3.0616473124957
 (165720) 15.0 63.41138 230.99611 82.56668 2.75437 0.1730043 3.0890433124957
 (165721) 14.6 358.37495 256.83305 172.37291 22.86579 0.3150534 3.1194971124957
 (165722) 14.5 56.08108 27.99048 290.35333 16.73880 0.2052299 3.1346904124958
 (165723) 14.8 17.96322 130.12507 262.66400 7.09513 0.2465119 3.1621576124958
 (165724) 14.6 7.61181 321.49794 75.89777 12.26352 0.1618342 3.0796604124959

(165725) 14.6 15.96790 230.12892 149.39504 6.03509 0.1517283 3.1248609124959
 (165726) 15.0 351.82331 183.39698 194.65109 19.90676 0.1445404 3.2270189124959
 (165727) 14.6 343.49659 217.67280 203.97017 16.78092 0.2166652 3.1369804124960
 (165728) 14.8 52.30270 58.53726 260.31238 21.39859 0.2084956 3.1027148124960
 (165729) 14.5 353.77220 139.74046 246.53038 21.67906 0.0928273 3.1118691124960
 (165730) 14.8 358.63700 45.53974 351.50305 10.57533 0.1294348 3.0586210124961
 (165731) 14.6 359.65415 297.75168 98.72122 2.88400 0.1754583 3.0874037124961
 (165732) 14.7 81.94946 125.58974 172.42830 16.83208 0.1311799 3.0250303124961
 (165733) 14.4 352.23594 118.53040 273.32631 8.96678 0.0824803 3.0839424124962
 (165734) 15.3 78.58949 74.27188 203.94332 8.02297 0.2604359 3.0981625124962
 (165735) 14.8 42.57211 53.68640 277.51058 8.53904 0.1186946 3.1187990124962
 (165736) 14.2 27.96746 204.91237 164.76821 18.46043 0.1264301 3.1340013124963
 (165737) 14.7 28.12235 69.42776 286.73049 8.06960 0.1172188 3.1300822124963
 (165738) 15.4 41.67384 143.93142 190.85657 9.58891 0.1029917 3.1161947124963
 (165739) 14.7 18.58458 13.78138 325.97289 6.12379 0.1141793 3.2421348124964
 (165740) 14.5 69.12963 325.11086 339.57492 8.45714 0.0508961 3.1193377124964
 (165741) 14.1 305.77025 288.75740 144.01377 17.65664 0.1192858 3.1871100124965
 (165742) 14.7 113.06955 96.33805 162.31484 10.80915 0.0847484 3.0854763124965
 (165743) 15.2 337.55217 60.81341 344.77716 15.45305 0.2358477 3.1460209124965
 (165744) 15.6 12.65835 349.22424 24.97892 3.85422 0.1173952 3.0946005124966
 (165745) 15.1 52.38455 340.48215 339.39961 16.37655 0.0734930 3.0712257124966
 (165746) 15.2 22.67751 133.12456 235.33701 9.44642 0.1329789 3.0414253124966
 (165747) 14.4 79.17214 41.95302 252.89608 10.01536 0.1861749 3.0756311124966
 (165748) 15.2 306.16572 121.62587 339.84287 15.81349 0.1137858 3.0806705124967
 (165749) 14.0 321.95737 187.03286 255.02930 15.70841 0.1864882 3.1785148124967
 (165750) 13.6 232.30378 241.28181 267.59795 19.93667 0.1085596 3.1866138124968
 (165751) 16.4 158.27865 17.22788 291.84352 18.46944 0.0748638 1.9081199124968
 (165752) 14.3 22.85924 38.36571 306.40946 20.85560 0.0672578 3.1714577124968
 (165753) 14.7 16.99695 46.23094 334.41178 10.00433 0.1235117 2.9985717124968
 (165754) 15.1 40.37308 187.50564 118.79090 13.48839 0.1671870 3.2106792124969
 (165755) 15.8 30.56337 231.68737 135.14609 1.68559 0.1935171 3.0619817124969
 (165756) 15.2 336.63264 74.66799 334.51901 8.70166 0.1394593 3.1239479124969
 (165757) 15.1 333.16057 198.37818 242.95616 4.25730 0.2690369 3.0772939124970
 (165758) 14.9 5.52163 39.16491 353.71444 9.40743 0.0912354 3.0985288124970
 (165759) 14.7 279.56862 176.93611 298.07956 13.19202 0.0832918 3.1235900124970
 (165760) 15.1 306.62665 202.97097 265.53886 9.03430 0.1126869 3.0063340124971
 (165761) 14.2 309.18467 131.57687 296.12152 12.79646 0.1228564 3.2247328124971
 (165762) 15.3 71.74307 110.68796 202.65555 12.50654 0.1251041 3.0757945124971
 (165763) 14.7 117.93276 297.97204 320.29991 10.72265 0.0479704 3.1787254124972
 (165764) 15.1 342.15707 228.27489 186.50818 3.78621 0.1699791 3.1774433124972
 (165765) 17.9 27.48909 131.65639 171.48158 7.58205 0.2550471 2.1143075124972
 (165766) 15.3 89.58363 291.79216 345.71378 3.77057 0.2304247 3.1468003124973
 (165767) 15.0 64.08185 345.42962 346.28104 9.83623 0.0749119 3.1072231124973
 (165768) 15.5 15.78423 32.60458 348.71645 7.10720 0.1594573 3.1694802124974
 (165769) 14.8 67.81968 328.85573 3.62242 9.04022 0.0648859 3.1157429124974
 (165770) 15.0 11.27676 320.01964 39.34502 8.27958 0.1497221 3.2122259124974
 (165771) 14.2 356.73006 10.53260 20.41773 18.03666 0.1023234 3.143731124975
 (165772) 15.3 65.42708 95.58786 204.33392 5.61812 0.1392234 3.0719718124975
 (165773) 15.1 30.60041 225.00847 130.66313 22.99050 0.0483387 3.0949658124976
 (165774) 15.7 62.06519 129.11974 207.95728 9.13226 0.0932299 3.0076906124976
 (165775) 15.3 46.83079 123.25379 218.20596 11.87625 0.1579146 3.1471952124976
 (165776) 14.3 202.97397 207.71527 345.35401 11.76629 0.0458627 3.1403288124976

(165777)	14.8	341.32209	205.49112	232.06892	15.05966	0.1487776	3.1088523124977	(165829)	15.1	336.96865	313.71591	99.16332	3.30545	0.1475065	3.2104364124995
(165778)	14.6	8.58650	143.74785	233.08124	10.55826	0.1426097	3.0866066124977	(165830)	16.2	8.05242	341.13793	53.58079	3.20795	0.1772320	3.1342725124995
(165779)	14.8	84.93904	120.10601	169.50171	11.33356	0.0683611	3.1071404124977	(165831)	15.2	356.22619	336.86878	82.08193	2.49202	0.0139535	3.0328406124996
(165780)	14.6	50.66366	317.58293	3.22165	16.24452	0.1427605	3.1535864124978	(165832)	14.5	237.72358	148.58477	17.66232	6.72413	0.1257933	3.1026840124996
(165781)	14.3	16.98201	97.20250	269.02500	14.69561	0.2628081	3.1281543124978	(165833)	15.5	25.09140	257.97377	92.14432	5.61438	0.1431496	3.2254294124996
(165782)	15.2	6.22747	194.37811	187.77390	9.39431	0.0704281	3.1107334124978	(165834)	14.9	284.22033	104.69354	28.67177	8.32047	0.0942641	3.0768594124997
(165783)	15.7	35.49535	187.40273	174.48367	9.84149	0.1023103	3.0910811124979	(165835)	15.0	175.00374	205.44903	356.94837	17.34208	0.1410535	3.1366976124997
(165784)	15.1	3.99755	98.88473	291.45790	3.05659	0.0846551	3.1351546124979	(165836)	15.2	5.55036	347.01643	42.05848	5.70452	0.1909322	3.1882378124998
(165785)	15.5	2.84646	98.45783	308.03000	2.51197	0.1397407	3.1014307124980	(165837)	14.6	52.77883	279.00661	55.20983	8.08105	0.0780167	3.1915172124998
(165786)	14.8	62.86002	342.76024	343.57100	8.53558	0.0603799	3.1326087124980	(165838)	14.5	138.83117	55.87904	201.75768	21.06813	0.0562422	3.0847491124998
(165787)	14.0	88.94391	348.18390	275.46156	24.77497	0.2116760	3.1133223124980	(165839)	14.4	62.75328	46.27323	244.75729	10.24139	0.1615397	3.1541705124999
(165788)	15.0	21.48511	205.78960	159.99729	6.57423	0.1229354	3.1065573124981	(165840)	14.5	299.07319	122.41914	323.11536	20.10122	0.0622717	3.1625701124999
(165789)	15.5	82.92339	294.03064	339.93676	1.82308	0.2245155	3.1354545124981	(165841)	14.9	70.63154	73.03586	241.57555	14.05713	0.0223734	3.1186910124999
(165790)	15.6	16.75525	201.82249	171.26871	9.66913	0.0924021	3.0877634124981	(165842)	15.0	26.14517	250.83763	110.85786	6.36196	0.1905155	3.1677482125000
(165791)	15.5	35.12637	339.63119	357.14760	4.28679	0.1558156	3.1806231124982	(165843)	14.7	38.38054	123.07979	230.06402	9.08228	0.0615161	3.0861486125000
(165792)	15.8	70.40698	112.87044	177.01012	9.84766	0.1964763	3.1235412124982	(165844)	15.8	0.88293	254.27865	148.15857	1.52967	0.1934362	3.1064500125000
(165793)	14.5	354.67186	80.68144	312.05231	9.17043	0.0822358	3.0865753124982	(165845)	14.7	120.82289	109.97998	155.08910	19.04635	0.0437829	3.0919107125001
(165794)	14.9	0.84066	157.66023	237.49184	4.78949	0.0535207	3.0562485124983	(165846)	15.3	20.08862	169.49928	217.23148	9.79893	0.1053564	3.0722890125001
(165795)	15.2	59.21104	122.61378	186.18617	8.82605	0.0725216	3.1709935124983	(165847)	15.9	354.03475	336.98138	51.45235	1.80446	0.2125368	3.1732277125001
(165796)	15.3	77.66022	80.28974	201.39547	5.46608	0.1735023	3.1630441124983	(165848)	14.7	23.68235	1.89973	2.29058	10.87530	0.1597799	3.1640869125002
(165797)	15.8	31.93513	175.78874	184.49273	5.61802	0.1262785	3.0743287124983	(165849)	14.7	43.70162	165.54302	172.49249	6.12596	0.1231080	3.1799373125002
(165798)	15.4	338.23396	34.93506	29.75567	0.80458	0.1432951	3.1129858124984	(165850)	15.7	356.92022	341.85754	43.02250	1.31725	0.1458489	3.2413598125002
(165799)	14.4	4.88867	16.17502	27.17978	9.51983	0.0845201	3.1740603124984	(165851)	14.9	72.53554	305.46327	18.28526	4.98064	0.1446441	3.0935046125003
(165800)	14.9	37.41861	102.47286	247.81733	8.88985	0.1044806	3.1166505124985	(165852)	14.8	61.97599	334.05448	0.95151	15.78727	0.0458118	3.1030547125003
(165801)	15.5	13.87402	319.72757	59.82447	4.46001	0.0775480	3.0907378124985	(165853)	14.7	35.97324	346.38507	17.88449	9.44304	0.0630511	3.0930872125004
(165802)	14.8	69.27226	285.38292	35.41702	3.77870	0.1576495	3.1299139124985	(165854)	15.3	116.81707	260.68771	6.15820	4.79396	0.1336545	3.1420937125004
(165803)	14.6	267.84040	113.60641	355.77484	11.91571	0.0917462	3.2205022124986	(165855)	15.2	42.37324	26.92845	302.20056	0.86846	0.1442167	3.2381658125004
(165804)	14.9	353.55681	13.35020	31.16382	10.88166	0.0959942	3.1331728124986	(165856)	14.7	3.61499	18.91121	16.01393	13.43779	0.0556393	3.1818210125005
(165805)	14.6	338.77950	20.71117	29.44399	11.46001	0.1637309	3.2158975124986	(165857)	14.8	320.41015	285.83038	188.00374	14.84315	0.2140364	3.1328772125005
(165806)	14.9	59.05148	304.98912	36.11503	10.61962	0.0531544	3.0904835124987	(165858)	14.9	0.95363	12.52820	28.10722	5.96580	0.1614253	3.2082898125005
(165807)	15.1	61.46867	189.84451	134.40144	9.01983	0.0569246	3.1764129124987	(165859)	15.1	21.91377	204.68943	170.06423	13.07911	0.1010699	3.2151157125006
(165808)	14.4	284.92511	263.60008	221.55031	10.19326	0.1225438	3.1847120124987	(165860)	14.6	51.59422	320.45599	10.80942	17.93445	0.2146755	3.1589588125006
(165809)	14.2	24.53155	169.67941	207.83536	18.71454	0.2426605	3.2012748124988	(165861)	14.3	82.16621	131.91933	169.29934	16.33275	0.1290904	3.1726673125007
(165810)	14.9	289.13074	135.19514	340.63296	4.77149	0.0425482	3.0403168124988	(165862)	15.2	254.22150	147.06701	0.69616	13.39059	0.1275188	3.1339752125007
(165811)	14.7	341.21511	236.25122	199.09151	13.13213	0.1481438	3.1450518124989	(165863)	15.2	342.39563	93.30442	320.96455	12.26489	0.2885057	3.1668422125007
(165812)	14.6	333.56851	70.33700	343.56006	15.41249	0.0593344	3.1696530124989	(165864)	14.8	269.07876	295.71207	174.28640	9.65193	0.0644085	3.1687712125008
(165813)	14.8	355.89887	204.49592	196.94151	4.93605	0.1497228	3.2081812124989	(165865)	14.9	337.33529	266.64918	173.57374	16.41075	0.2539808	3.1187549125008
(165814)	15.4	136.71165	62.69197	175.06935	3.21658	0.1050915	3.1058271124990	(165866)	15.4	117.55863	52.65105	187.61557	13.12151	0.1219430	3.2199786125008
(165815)	14.6	49.78685	329.58708	8.99601	8.20487	0.1367171	3.0788746124990	(165867)	15.5	127.81173	48.15255	208.07503	5.02398	0.0972439	3.1093540125009
(165816)	15.3	96.26291	291.90043	1.71815	9.13504	0.0656567	3.0558071124991	(165868)	14.9	107.24339	286.43063	335.53471	4.42484	0.1519386	3.1680151125009
(165817)	15.0	56.04006	148.34602	151.77235	15.53004	0.1318857	3.2258622124991	(165869)	14.6	312.80326	101.74671	343.66270	8.74724	0.0901747	3.2201416125009
(165818)	15.4	57.78658	131.00560	163.33165	5.03015	0.1135234	3.2158989124991	(165870)	15.0	126.94249	57.85132	200.84447	13.50512	0.1085015	3.1145845125010
(165819)	14.8	277.41506	132.62772	353.80753	9.43234	0.1179016	3.0738278124991	(165871)	14.9	356.45483	148.50982	228.20390	4.67075	0.1169627	3.2291651125010
(165820)	15.5	86.35561	196.07711	123.22030	2.75999	0.0494404	3.0168260124992	(165872)	15.9	18.03412	65.75655	323.17002	2.98391	0.1392604	3.0809121125010
(165821)	14.6	314.65626	82.98888	354.46931	10.78238	0.0583708	3.1377029124992	(165873)	15.1	344.52025	91.47890	324.78315	4.14071	0.1793605	3.1677290125011
(165822)	14.7	238.48149	337.93935	165.25503	16.15274	0.0455294	3.1739725124992	(165874)	15.5	30.40730	166.27851	275.18574	3.03472	0.0810644	2.7951318125011
(165823)	15.1	356.14896	284.87879	115.37071	2.12057	0.1958547	3.1596335124993	(165875)	16.9	326.56911	132.24322	248.63224	2.51103	0.1264271	2.1372824125011
(165824)	14.8	34.09899	349.69255	356.94136	13.17874	0.0604750	3.1633197124993	(165876)	15.0	18.87155	31.19353	350.94356	11.05278	0.0821462	3.1224997125012
(165825)	15.3	108.22743	332.00984	3.17187	1.88596	0.0646611	2.8683168124993	(165877)	14.7	53.15754	157.65320	191.30618	13.38109	0.1538143	3.1029114125012
(165826)	16.0	91.25628	177.96371	134.43030	1.26256	0.0798857	3.0316944124994	(165878)	15.0	14.94470	25.57295	4.56775	10.96983	0.0892581	3.1353941125013
(165827)	15.1	48.31141	276.43016	87.63490	2.74664	0.0559349	3.0208433124994	(165879)	14.7	19.74950	15.82417	3.17549	9.09276	0.0799307	3.1741295125013
(165828)	14.6	49.54518	328.12319	1.48197	5.32703	0.1626103	3.1547329124995	(165880)	15.6	340.98533	199.24888	228.43182	4.50087	0.1866758	3.1647261125013

(165881) 15.1 234.32187 160.41407 13.76280 7.87063 0.0967234 3.1731159125014
 (165882) 14.7 62.12505 310.99618 14.03946 10.15978 0.1990413 3.1636242125014
 (165883) 14.5 351.94345 45.86960 24.73709 11.91717 0.1828688 3.1926101125015
 (165884) 15.0 53.45141 52.76708 294.50576 3.00379 0.0681681 3.0613023125015
 (165885) 14.7 94.88452 74.07183 197.74925 5.49632 0.1341523 3.1797942125015
 (165886) 16.3 42.46927 309.35334 26.90108 0.49210 0.1561679 3.1339936125016
 (165887) 16.3 29.84931 311.93572 29.54115 0.79742 0.1575160 3.1844645125016
 (165888) 15.7 132.73829 82.62103 164.83071 0.38571 0.1178297 3.1285489125016
 (165889) 14.7 322.17054 79.10762 4.80480 9.10224 0.0692806 3.1025235125017
 (165890) 15.6 111.41985 194.99235 84.51181 2.25722 0.1332220 3.0670250125017
 (165891) 15.0 336.86598 266.91923 146.12936 3.39538 0.1519473 3.2238279125017
 (165892) 15.2 143.72940 88.64405 152.89326 5.07746 0.0775656 3.1320326125018
 (165893) 15.0 102.15227 267.68826 13.09220 16.43752 0.1146546 3.1001569125018
 (165894) 15.9 75.09959 307.51060 347.72904 0.19003 0.1300629 3.1978322125018
 (165895) 15.5 251.96124 328.29375 168.79646 9.93154 0.0637884 3.1725293125019
 (165896) 15.0 315.93338 66.78885 23.72344 9.36004 0.0715788 3.1667696125019
 (165897) 15.1 45.10586 315.68977 27.22781 18.46883 0.1470861 3.1839915125019
 (165898) 15.4 1.28084 241.11779 166.30950 5.82672 0.1154018 3.2199128125020
 (165899) 13.6 316.37091 159.11102 282.30782 17.97558 0.1291049 3.2171617125020
 (165900) 15.3 296.37683 77.85747 32.83196 4.81185 0.1325433 3.1824951125020
 (165901) 15.2 205.85366 213.96671 347.59083 4.77603 0.0712148 3.1050229125021
 (165902) 15.1 97.82914 266.57279 19.76143 16.21663 0.0969732 3.1613823125021
 (165903) 15.4 49.95732 261.25210 63.31494 5.15197 0.1161441 3.2375817125021
 (165904) 15.0 86.18942 271.76246 26.50787 15.86327 0.0604399 3.1729562125022
 (165905) 14.9 210.00607 192.82240 352.44887 4.97717 0.1139253 3.1926613125022
 (165906) 15.0 325.63905 242.71240 224.44588 15.23912 0.2109091 3.1136057125022
 (165907) 15.1 247.75716 334.15808 156.66988 10.10499 0.0451476 3.1477829125022
 (165908) 14.5 39.29732 73.37832 314.36250 10.70513 0.3142640 3.1079643125023
 (165909) 14.6 297.31482 198.33835 257.95232 8.48527 0.1044962 3.1832147125023
 (165910) 14.6 82.46377 199.60267 84.46811 6.42527 0.1508772 3.1788627125023
 (165911) 13.8 334.15824 68.60696 48.02906 26.93165 0.2078659 3.1035350125024
 (165912) 13.7 247.98479 318.79486 211.30801 27.29571 0.2212836 3.1740654125024
 (165913) 14.3 17.67679 144.30992 247.46811 14.15606 0.2289401 3.2452409125025
 (165914) 14.5 296.65980 183.24528 278.61644 8.12571 0.1328684 3.4358415125025
 (165915) 14.8 87.37318 64.79075 227.76428 8.25014 0.0685024 3.1725313125026
 (165916) 15.3 7.82082 184.79155 215.84074 9.31076 0.0615078 3.1119610125026
 (165917) 14.4 108.38793 83.81614 206.33264 19.50622 0.0981659 3.2177338125026
 (165918) 15.2 356.16483 103.27440 294.46848 17.48974 0.1533438 3.2332798125027
 (165919) 14.4 45.36865 125.21789 239.04277 14.03765 0.2554299 3.1133444125027
 (165920) 15.7 90.68413 342.80282 324.98776 0.95966 0.0935004 3.1260956125027
 (165921) 14.1 43.29616 96.03217 219.75536 14.95503 0.1033207 3.3431980125028
 (165922) 15.0 177.23591 193.38023 49.44855 12.28650 0.1982460 3.0069183125028
 (165923) 15.3 63.21374 194.70257 119.89246 6.31751 0.1291788 3.2402042125028
 (165924) 15.1 4.19163 342.44905 56.25887 12.04357 0.0921102 3.2021353125028
 (165925) 15.2 335.72645 72.43984 9.64643 10.73359 0.1866581 3.1808163125029
 (165926) 15.2 36.39988 348.64336 33.47071 3.81134 0.0275289 3.1537138125029
 (165927) 15.0 75.30052 102.48422 222.99075 8.43538 0.1487420 3.1308527125029
 (165928) 14.4 2.73642 287.32338 74.88174 16.25567 0.1916929 3.4093813125029
 (165929) 14.0 291.51034 234.20406 253.68273 12.62797 0.2467602 3.1628376125030
 (165930) 14.9 316.42664 241.58981 212.63297 6.06992 0.0867007 3.0339339125030
 (165931) 14.6 266.90523 218.95863 285.90867 9.65522 0.0499820 3.1129907125031
 (165932) 14.3 33.31640 188.50549 153.62129 23.71459 0.1907458 3.2165846125031

(165933) 17.4 74.77400 234.36652 61.49087 3.13796 0.0414801 2.1175525125031
 (165934) 14.6 355.09691 131.72636 269.62651 8.18737 0.0689063 3.1760375125031
 (165935) 15.1 70.10685 85.55928 244.02166 12.45616 0.1731979 3.1008009125032
 (165936) 14.5 349.29466 18.97983 48.68323 18.84159 0.1707366 3.1861404125032
 (165937) 14.5 141.03390 217.03661 33.15672 27.32893 0.1403313 3.2048633125032
 (165938) 14.8 341.36320 39.03154 41.92984 10.05980 0.0720826 3.1658674125033
 (165939) 15.2 3.35581 316.69818 51.32312 10.52029 0.1160766 3.4298986125033
 (165940) 14.5 130.31666 224.48760 32.19820 27.59324 0.1855091 3.1989184125033
 (165941) 15.4 108.21232 231.61890 51.27794 8.07007 0.2026770 3.1548969125034
 (165942) 14.5 310.11919 353.08924 116.16816 12.67229 0.0939933 3.2147004125034
 (165943) 15.4 95.72023 120.42630 177.14501 4.00594 0.0827757 3.2442554125034
 (165944) 14.1 136.22373 227.91335 50.69325 14.19974 0.0717966 3.2347327125034
 (165945) 14.7 263.46105 134.27730 28.85223 18.68210 0.1537959 3.1396169125035
 (165946) 16.0 86.20804 332.68559 318.71743 4.04445 0.1508304 3.1604630125035
 (165947) 16.5 217.09908 263.43766 270.17421 5.87638 0.0482294 2.1521920125035
 (165948) 17.4 47.41046 184.35604 113.20714 1.78040 0.0445885 2.2040211125036
 (165949) 14.7 355.88469 179.05919 202.06564 31.84708 0.2589467 3.1577185125036
 (165950) 17.6 6.99223 118.27214 226.14932 1.97395 0.1136555 2.1732152125036
 (165951) 15.2 78.69934 108.68984 214.75698 4.55206 0.1357716 3.2258938125037
 (165952) 15.8 75.25468 97.78808 226.64194 4.21973 0.1293984 3.2276732125037
 (165953) 16.2 274.81645 154.26483 297.20912 8.32286 0.0582374 2.2225436125037
 (165954) 16.4 357.51285 332.72561 41.64789 7.25898 0.1626718 2.2017618125037
 (165955) 16.8 273.07101 337.21562 127.81816 4.73665 0.0699208 2.2302815125038
 (165956) 15.7 300.81028 14.34482 62.87066 8.34988 0.1483375 2.2285271125038
 (165957) 17.0 352.15003 358.20764 36.08282 6.08525 0.1358492 2.1865379125039
 (165958) 17.1 29.31447 241.49186 111.99220 0.59681 0.1327209 2.1465932125039
 (165959) 16.5 135.37294 123.14663 114.64364 5.08300 0.0295525 2.2043826125040
 (165960) 15.5 2.10130 357.88875 116.25150 6.60820 0.1398361 3.1290692125040
 (165961) 16.7 129.06805 169.22403 87.28616 5.15224 0.1236664 2.1779678125040
 (165962) 16.3 189.17673 33.28089 176.09505 2.64255 0.1262428 2.1774977125041
 (165963) 17.1 252.45733 254.04131 241.58022 4.17394 0.0637178 2.1834411125041
 (165964) 17.4 221.81273 293.76063 212.98389 0.90091 0.1384453 2.2585664125041
 (165965) 17.0 292.69188 156.58485 284.24248 3.58870 0.0660781 2.2311087125042
 (165966) 17.1 272.08632 220.29795 245.11259 4.80401 0.0727691 2.2314267125042
 (165967) 16.6 212.71978 120.89726 56.20822 6.12288 0.1643925 2.2544638125042
 (165968) 16.7 223.60208 13.63810 145.78985 4.74612 0.0684163 2.1914278125043
 (165969) 16.2 141.57225 24.17278 147.08589 6.62190 0.2301991 2.4315639125043
 (165970) 16.8 223.88602 83.90225 51.99515 3.05857 0.0459467 2.2214490125043
 (165971) 16.7 312.48577 94.03254 295.56205 4.40731 0.0718426 2.2270736125044
 (165972) 16.7 82.01760 194.58667 80.27151 6.83381 0.1022946 2.2119309125044
 (165973) 16.3 150.49785 111.71433 95.05156 5.63283 0.0948840 2.2574667125044
 (165974) 16.7 63.00179 329.92642 358.14450 3.59389 0.1635425 2.2749126125045
 (165975) 15.6 208.81414 146.92547 35.79189 7.14441 0.1236002 2.3528243125045
 (165976) 16.2 154.51444 134.97834 75.69859 4.33290 0.0868007 2.2263350125046
 (165977) 17.3 324.68104 128.32741 257.97609 2.91802 0.0757920 2.2136408125046
 (165978) 17.4 277.02799 104.39685 340.37651 2.29371 0.1252833 2.2556279125046
 (165979) 16.4 120.20329 157.96299 82.32618 8.27258 0.0390294 2.2749126125047
 (165980) 17.9 332.05003 69.34055 356.33172 1.90096 0.1000689 2.1695535125047
 (165981) 16.2 258.68184 25.28592 81.35170 7.87242 0.0510316 2.2631655125047
 (165982) 16.5 223.15109 188.11115 341.16895 5.70337 0.1022847 2.2232678125047
 (165983) 17.2 191.33448 85.67815 108.92123 1.80142 0.0669865 2.1889646125048
 (165984) 16.7 171.84216 18.48761 138.78980 3.89363 0.0943005 2.3378453125048

(165985)	16.8	264.51848	73.87347	54.68141	6.77625	0.0737600	2.1992426125048	(166037)	16.1	207.29175	290.29134	270.06025	4.40778	0.1430540	2.2671099125066
(165986)	17.1	273.93394	67.05822	40.79216	2.81219	0.0788877	2.2241324125049	(166038)	17.5	269.74279	303.04510	194.50527	2.95984	0.0764607	2.1984067125067
(165987)	16.5	336.35505	29.92751	357.75660	3.81531	0.0322742	2.2266156125049	(166039)	16.8	236.37692	158.76323	15.75276	5.22111	0.0477743	2.2000660125067
(165988)	16.9	166.60951	96.84218	110.02210	4.69126	0.0619890	2.2708488125050	(166040)	16.8	177.75646	171.86157	11.10117	2.73642	0.1419833	2.3722229125067
(165989)	16.7	254.84988	348.17506	135.07093	5.84839	0.0817559	2.2453730125050	(166041)	16.2	200.13160	275.58709	282.32129	5.61054	0.1295481	2.2903421125067
(165990)	17.6	299.14213	162.35349	273.34671	1.89749	0.0794257	2.1766946125050	(166042)	16.2	333.41910	7.62139	31.72628	6.22203	0.1719225	2.2353239125068
(165991)	14.5	201.60961	234.28224	333.54459	9.04920	0.0210524	3.5450551125051	(166043)	17.1	259.50828	149.07400	316.65220	1.88446	0.0647647	2.2950452125068
(165992)	16.4	2.83516	51.42459	292.22551	4.51393	0.1926858	2.2824015125051	(166044)	16.4	7.69706	56.77938	330.30384	25.13474	0.2661816	2.1991931125069
(165993)	16.6	275.54394	162.60898	296.68906	4.85223	0.0388477	2.2490274125051	(166045)	16.4	63.74135	289.53089	49.05264	3.05335	0.2023306	2.1593816125069
(165994)	16.0	185.64039	14.56747	151.73726	8.34712	0.1740581	2.3435463125052	(166046)	15.1	150.91990	229.78602	9.33564	12.07810	0.1990329	2.3091238125069
(165995)	16.8	20.63634	230.21833	136.11597	6.22573	0.2063383	2.1478520125052	(166047)	15.9	146.35896	21.46027	196.92378	6.87740	0.1743120	2.3950226125070
(165996)	16.4	117.37112	125.33887	121.76288	3.78811	0.1097617	2.2778327125052	(166048)	16.4	130.59148	74.94520	152.98219	4.67032	0.1951705	2.3753777125070
(165997)	15.6	119.50871	117.71758	115.79213	10.44774	0.1690810	2.2945532125052	(166049)	17.1	261.21062	296.98771	186.24501	0.51159	0.0903856	2.2462752125071
(165998)	16.6	151.10370	7.43600	221.78717	3.92579	0.2107347	2.3399156125053	(166050)	16.0	135.18455	195.24576	12.85240	5.01071	0.1814768	2.3946906125071
(165999)	17.2	248.14732	235.42267	236.71660	1.25362	0.0303995	2.2738890125053	(166051)	16.6	6.73222	327.08417	54.62844	4.28768	0.1333463	2.1968974125071
(166000)	16.7	226.24092	21.30614	145.77278	3.02064	0.0773524	2.2161724125053	(166052)	16.8	348.67915	319.77259	63.70274	5.42549	0.1250606	2.2565870125072
(166001)	16.6	270.53127	203.91731	259.15193	0.88147	0.0668534	2.2554471125054	(166053)	16.6	251.13699	154.30236	326.73187	5.70291	0.0647242	2.3091069125072
(166002)	16.4	249.06326	326.00748	141.45819	5.86068	0.1446099	2.3037252125054	(166054)	16.1	279.49543	225.71140	232.02732	4.78930	0.0859304	2.2592398125072
(166003)	15.6	177.01246	236.41522	323.83781	8.81207	0.1554262	2.3522143125055	(166055)	16.1	93.56763	7.04678	254.39082	6.14526	0.0776267	2.3550613125073
(166004)	14.2	201.41610	163.52144	131.07927	22.50833	0.0433080	3.1656376125055	(166056)	16.5	137.85534	355.86759	257.25800	6.40592	0.0779977	2.2648860125073
(166005)	17.1	192.44009	228.78166	300.78952	4.12571	0.0712470	2.2638371125055	(166057)	16.7	154.73801	240.40879	333.59727	1.70801	0.1530532	2.3902355125073
(166006)	17.0	163.43737	20.03084	165.91796	3.04949	0.1721533	2.3508314125055	(166058)	17.0	145.60527	228.46977	354.48183	1.57878	0.1711123	2.3945494125074
(166007)	16.1	156.15288	205.69202	328.47509	4.31385	0.1371902	2.4059555125056	(166059)	17.0	147.73246	28.82524	157.08709	5.08903	0.1467081	2.4044310125074
(166008)	16.9	253.53397	154.57146	311.18958	1.22170	0.1511453	2.2919377125056	(166060)	15.6	74.98244	82.47268	158.85471	5.77212	0.1139606	2.5145439125075
(166009)	17.1	190.19904	128.75013	67.10403	1.71383	0.1261638	2.2656269125057	(166061)	16.5	174.23161	243.83555	317.32546	2.13307	0.1449753	2.3385901125075
(166010)	16.5	163.70192	216.44874	326.18063	2.81802	0.1216883	2.3712066125057	(166062)	16.4	133.33252	220.16618	359.31334	4.04515	0.1284483	2.3478352125076
(166011)	16.7	177.07907	195.57135	350.72033	2.55090	0.1721888	2.3400226125057	(166063)	16.4	152.24568	170.09873	72.42522	8.00583	0.0945203	2.2500910125076
(166012)	16.0	201.96971	170.84281	323.15123	5.99453	0.0827944	2.4017945125058	(166064)	16.1	326.52947	326.49962	86.01816	8.71688	0.1693822	2.2314137125076
(166013)	17.2	233.19292	14.87028	130.42447	0.76643	0.1388605	2.2827061125058	(166065)	16.7	120.91151	119.96675	114.30213	2.06998	0.1442179	2.3748827125077
(166014)	16.9	66.09241	34.76639	283.81115	1.16855	0.1480855	2.1900193125058	(166066)	16.8	116.11956	115.42271	116.11121	3.53787	0.1182776	2.4011878125077
(166015)	16.7	32.97033	104.28608	230.94669	3.38980	0.1353645	2.2276603125059	(166067)	16.7	322.42288	311.23776	126.57606	4.94328	0.0906904	2.2073549125077
(166016)	16.9	97.08363	87.01812	155.60620	2.40624	0.1524949	2.3674097125059	(166068)	16.4	86.63873	216.23335	48.45474	2.17201	0.1457140	2.3971628125078
(166017)	16.5	154.81707	191.02066	4.87861	2.42149	0.1526426	2.3911745125059	(166069)	16.9	146.70277	223.40403	350.43248	1.86115	0.1323380	2.3745226125078
(166018)	16.5	268.34752	81.26523	5.91457	3.95340	0.0952097	2.3271660125060	(166070)	16.4	199.45349	94.45754	98.69374	2.65833	0.1078219	2.2768959125078
(166019)	16.7	221.78952	261.42262	246.10483	2.07021	0.2006457	2.3037383125060	(166071)	16.2	154.98754	191.14980	348.12142	6.14302	0.0736179	2.4240117125079
(166020)	16.3	325.10911	149.88851	280.80074	4.01607	0.1166535	2.2043276125060	(166072)	16.9	124.24564	204.54712	39.09946	2.65236	0.0975243	2.3557196125079
(166021)	16.4	322.87592	283.83900	139.20326	6.74225	0.0681287	2.2409905125061	(166073)	16.5	106.50323	268.07967	1.22612	2.20865	0.1531894	2.3188352125079
(166022)	16.8	241.63306	270.45309	224.77844	1.01355	0.0438723	2.2827921125061	(166074)	16.0	64.44270	331.97652	330.01641	6.54332	0.1935405	2.3586342125080
(166023)	16.8	114.34263	265.84621	310.77550	1.04486	0.1561722	2.4162118125061	(166075)	17.2	130.23347	242.41819	342.03144	3.83906	0.1772905	2.4269540125080
(166024)	17.1	98.72322	160.44018	120.01938	4.93054	0.0173977	2.2675187125062	(166076)	15.9	146.54255	179.54538	13.64019	3.86359	0.0914407	2.4369667125080
(166025)	16.8	333.45578	222.18218	177.68938	3.38961	0.0438448	2.2621320125062	(166077)	16.4	267.20966	136.51055	349.41960	4.71215	0.0700827	2.2699940125081
(166026)	16.5	173.46839	343.21920	202.20138	3.82026	0.1804131	2.3546790125062	(166078)	16.0	139.75191	199.74016	352.85917	8.29896	0.1202930	2.3476505125081
(166027)	17.6	156.88871	55.81465	163.28627	3.45410	0.1083241	2.3038935125063	(166079)	16.6	163.99248	215.76332	18.48680	3.02253	0.1957025	2.3262134125082
(166028)	16.9	70.23524	343.51181	286.95340	2.58715	0.1476652	2.3866295125063	(166080)	17.0	203.88893	43.65174	109.69676	3.14791	0.1253335	2.3767541125082
(166029)	16.1	286.79731	148.75620	310.60258	2.99411	0.0985194	2.2401674125063	(166081)	17.2	131.24456	104.22695	124.88207	3.49311	0.1676638	2.4265253125083
(166030)	15.9	326.59123	86.82707	349.82349	5.71330	0.1144072	2.2082670125064	(166082)	16.6	257.49157	332.76520	142.53196	4.06641	0.1358399	2.3212342125083
(166031)	17.2	275.45938	352.75844	105.27854	1.18022	0.0341956	2.2612338125064	(166083)	16.1	215.01022	105.16306	72.31375	2.31045	0.1219295	2.3289972125083
(166032)	16.0	152.31211	290.86058	308.52724	5.57081	0.1378691	2.2904329125064	(166084)	16.5	61.94436	112.74826	142.26607	6.54202	0.1981621	2.5195666125084
(166033)	16.0	340.91708	245.71709	184.99600	2.89846	0.1181699	2.1898411125065	(166085)	16.9	137.62609	60.77064	164.89871	5.15715	0.1790276	2.4160456125084
(166034)	16.4	328.90494	113.55682	309.64695	4.75147	0.0974157	2.2363076125065	(166086)	16.6	100.34314	273.09861	355.52886	2.10154	0.1583150	2.4102270125084
(166035)	16.7	226.19164	19.30084	155.41915	0.98340	0.0956475	2.2273979125066	(166087)	16.7	108.33455	80.10654	161.41783	2.96631	0.1278746	2.3980223125085
(166036)	16.8	125.41964	134.96668	103.36266	7.27988	0.0640960	2.2965251125066	(166088)	16.2	269.62636	209.61526	273.10279	1.61201	0.0593869	2.2504542125085

(166089)	16.4	215.93984	356.14983	177.63293	3.86974	0.0860229	2.2728425125086	(166141)	17.0	203.68854	353.17174	167.17422	10.25267	0.1447587	2.3398416125102
(166090)	16.4	149.98862	343.69591	222.74431	0.63276	0.1207420	2.3885616125086	(166142)	15.7	55.37074	149.45145	107.93593	20.56817	0.2993913	2.5817415125102
(166091)	16.9	123.55627	274.06559	340.99563	1.66603	0.1812974	2.3746428125086	(166143)	16.4	61.50522	127.58755	124.13118	0.42442	0.1955679	2.5301573125103
(166092)	17.1	303.46754	204.35665	226.70344	3.87573	0.1451708	2.2385994125087	(166144)	17.0	114.90482	84.52062	166.75540	2.37911	0.1838945	2.4222217125103
(166093)	17.3	303.29949	168.34728	280.51517	4.50048	0.1543612	2.2144056125087	(166145)	17.2	293.31553	281.43418	163.50741	6.45009	0.1652649	2.2844339125103
(166094)	16.3	234.78409	244.12045	272.50164	6.35167	0.0338360	2.2448077125087	(166146)	16.1	170.47590	23.06899	191.11610	9.91145	0.0757222	2.3657771125104
(166095)	16.5	119.84519	332.43202	267.67691	4.50217	0.0868348	2.3185544125088	(166147)	16.1	177.11983	291.89902	281.50825	3.86823	0.0663349	2.2959564125104
(166096)	16.7	144.18540	40.56051	181.66494	2.47444	0.1129653	2.3685452125088	(166148)	13.1	133.86297	40.22586	157.37976	26.36644	0.0805825	5.2200197125104
(166097)	16.9	101.50245	135.51888	118.38552	3.33702	0.1779419	2.4508904125088	(166149)	17.0	201.34834	354.24675	163.08434	3.96435	0.0640412	2.3681960125105
(166098)	17.0	8.32905	242.35067	130.69348	5.03626	0.1619744	2.2119571125089	(166150)	16.3	290.88808	169.33233	281.62318	4.50299	0.0998828	2.3317073125105
(166099)	16.8	183.63417	138.49487	57.59661	3.90934	0.0497563	2.2708480125089	(166151)	16.3	245.55461	71.78325	83.67343	3.38211	0.1681573	2.2983506125105
(166100)	17.1	310.60016	316.02817	127.50334	1.98143	0.1031194	2.2183093125089	(166152)	16.8	94.77317	286.14457	354.02036	5.29418	0.1692617	2.3756594125106
(166101)	16.7	97.41623	286.98448	330.73388	6.26275	0.1182488	2.3165413125090	(166153)	17.3	303.16767	252.30042	163.76531	2.79683	0.1840723	2.3370363125106
(166102)	16.3	182.29912	208.26546	348.51260	7.78710	0.0583715	2.2504825125090	(166154)	16.4	236.52572	112.77362	12.53839	6.74261	0.0757753	2.3756691125106
(166103)	16.4	334.44337	305.75625	115.89051	7.98553	0.0754606	2.2412931125090	(166155)	16.8	93.69811	261.32419	0.12952	3.25644	0.0982568	2.4255695125106
(166104)	16.0	129.05640	227.27077	14.21016	7.28812	0.0651676	2.3492189125090	(166156)	17.1	213.12002	92.98626	63.97833	3.01081	0.1704212	2.3557187125107
(166105)	16.2	250.98889	24.27869	119.87478	6.95276	0.0618144	2.2689455125091	(166157)	16.4	202.25226	157.07688	13.71288	5.69071	0.1538481	2.3597923125107
(166106)	15.8	208.08090	179.38124	24.61858	4.95244	0.0855315	2.2488477125091	(166158)	16.7	260.81657	134.96892	5.12729	1.92514	0.1023377	2.2772716125107
(166107)	16.9	167.54255	162.74908	37.38127	4.17505	0.1468076	2.3498688125092	(166159)	16.5	305.84847	34.21689	27.91632	8.04970	0.0750665	2.3006931125108
(166108)	17.2	270.14866	27.85340	72.60495	2.87882	0.1029126	2.2863625125092	(166160)	16.6	311.98509	43.77005	16.84455	7.44152	0.0873130	2.2955337125108
(166109)	16.9	81.15486	161.19146	125.92156	4.30376	0.1551522	2.3098866125092	(166161)	16.8	156.38996	55.61498	185.88137	2.50539	0.1344529	2.3315411125108
(166110)	16.6	306.41269	282.69231	115.17335	2.79507	0.0399485	2.3522932125092	(166162)	17.5	157.99016	48.51577	170.03437	3.10814	0.1909806	2.3712540125109
(166111)	17.0	155.85287	225.03074	345.17895	3.68214	0.1841884	2.3569297125093	(166163)	16.5	238.00161	165.89348	6.14055	0.98954	0.1079135	2.2642640125109
(166112)	17.3	119.31574	267.90990	334.28569	1.16823	0.1639158	2.3795936125093	(166164)	16.5	146.94691	25.45619	198.39834	0.90129	0.1315055	2.4102727125109
(166113)	16.5	105.85308	99.30429	137.65906	4.83404	0.1419102	2.4380364125093	(166165)	16.4	323.08878	221.67718	222.14145	6.28391	0.0523442	2.2055433125110
(166114)	16.3	41.34706	331.15930	338.29005	5.23249	0.0774206	2.3812817125093	(166166)	16.2	144.69601	315.57271	270.53183	1.22096	0.1541046	2.4049110125110
(166115)	13.9	165.07686	33.98254	132.59249	0.76877	0.1221320	5.1785828125094	(166167)	16.5	330.82953	98.74421	339.87771	5.38897	0.0483508	2.2383083125110
(166116)	17.2	154.77867	153.84215	52.20941	2.02585	0.1311004	2.3851453125094	(166168)	16.8	285.67219	65.67506	13.81417	5.03032	0.1055054	2.2979697125111
(166117)	16.3	351.63377	61.32231	341.07147	5.30627	0.1307428	2.2360087125094	(166169)	17.4	246.50439	318.48171	169.14590	2.76168	0.1153339	2.3058619125111
(166118)	16.7	310.03897	344.50005	71.64436	1.85027	0.1864359	2.2939826125095	(166170)	16.3	62.77833	293.75943	12.96797	6.15196	0.0818685	2.3699632125111
(166119)	16.5	55.85560	124.63659	136.63294	4.83265	0.1500260	2.5610365125095	(166171)	16.1	9.40791	163.46572	176.57414	3.53720	0.1172393	2.4187949125112
(166120)	16.8	142.02606	150.12014	71.32465	2.05818	0.1289984	2.3982024125095	(166172)	16.6	174.30612	39.26907	163.43646	1.26667	0.1331285	2.3750578125112
(166121)	16.5	140.61610	239.80731	338.26503	6.14471	0.0827929	2.3964015125096	(166173)	16.6	137.13283	26.82249	185.21511	4.63215	0.1326316	2.4078257125112
(166122)	16.7	281.39342	108.78656	357.14853	5.25511	0.1500572	2.2823958125096	(166174)	15.9	63.21562	337.81115	320.92058	10.48687	0.1766076	2.3739051125113
(166123)	12.8	57.98716	308.41285	325.95031	4.52896	0.0693805	5.1411347125096	(166175)	16.2	106.58830	304.37174	324.07855	4.93557	0.1136404	2.3633886125113
(166124)	16.6	131.88509	338.12944	282.46380	4.49061	0.1182333	2.2555022125097	(166176)	16.5	341.09933	219.89387	185.77712	6.26195	0.1742097	2.2577822125113
(166125)	16.3	169.93874	300.94831	263.54436	5.53204	0.0618640	2.3052218125097	(166177)	16.9	77.74909	41.85383	208.41032	2.49070	0.1030126	2.5271586125114
(166126)	16.4	223.44240	322.60530	203.27145	6.02318	0.0518345	2.2825800125097	(166178)	16.3	56.21498	324.71298	342.63505	5.69345	0.1251228	2.4262137125114
(166127)	16.6	135.47872	70.49509	181.72694	6.48627	0.0988223	2.4341943125097	(166179)	17.2	136.04434	56.75403	180.33410	2.24094	0.1676748	2.4113234125115
(166128)	15.8	223.01786	85.95805	72.68239	5.66911	0.1644209	2.3478773125098	(166180)	16.6	140.13948	239.61129	354.13378	4.12191	0.0917654	2.3892282125115
(166129)	15.4	189.02571	162.49175	44.37483	7.98239	0.1842209	2.3539326125098	(166181)	16.5	130.97361	66.17767	186.16139	6.28079	0.0893825	2.3713636125115
(166130)	17.0	170.95662	290.87285	274.51635	4.98049	0.1626160	2.3482666125099	(166182)	16.3	137.79177	282.38817	332.46658	2.64125	0.1534019	2.37031250125115
(166131)	16.2	236.42470	130.33503	40.70264	6.98100	0.0776035	2.2312532125099	(166183)	16.0	166.31880	189.50798	3.72772	4.70391	0.0459027	2.4212073125116
(166132)	16.7	357.00261	92.66691	271.79251	3.55671	0.2147015	2.2520046125099	(166184)	17.4	141.63174	232.29126	350.60787	1.35434	0.1219852	2.4179016125116
(166133)	16.7	61.46331	83.37255	188.42021	1.29468	0.1559736	2.4616941125100	(166185)	16.0	198.36113	8.01824	203.89499	6.62307	0.0746484	2.2832546125116
(166134)	16.3	13.64317	5.61373	18.58769	6.64938	0.1122082	2.2159145125100	(166186)	17.1	188.49397	126.73059	44.54183	2.15004	0.1291185	2.3922080125117
(166135)	16.9	140.92891	246.73187	335.24883	0.30484	0.0992712	2.3766526125100	(166187)	16.3	93.04660	166.65111	108.09680	2.58064	0.1279425	2.4366646125117
(166136)	13.5	77.29519	151.34636	113.40178	1.25254	0.0303555	5.1394484125101	(166188)	15.9	179.65544	207.82547	13.92566	4.42798	0.0672284	2.3199037125117
(166137)	16.3	99.13561	76.75586	189.68629	2.12550	0.1652338	2.3831778125101	(166189)	16.4	169.97615	274.31833	289.77497	4.49897	0.1232258	2.3650243125118
(166138)	16.9	157.44648	356.67677	203.39088	5.79195	0.0843517	2.3911732125101	(166190)	16.0	284.78047	15.12113	84.83793	2.90787	0.1391076	2.3019559125118
(166139)	16.5	100.35958	68.89389	185.66536	13.06697	0.2345430	2.5695430125101	(166191)	16.6	123.62414	205.58209	18.76954	3.15145	0.1124551	2.4674376125119
(166140)	16.8	138.42510	46.12243	190.88940	0.87668	0.1461272	2.3687410125102	(166192)	16.5	83.98855	311.36768	350.58673	3.24709	0.1776720	2.3571969125119

(166193)	16.8	171.50385	183.85064	17.23500	4.14590	0.1289299	2.3526999125119	(166245)	16.8	146.84265	80.87266	153.44345	3.32925	0.1437015	2.3908228125135
(166194)	16.3	84.65031	122.35880	142.54066	7.94476	0.1008165	2.4107291125119	(166246)	16.3	184.56424	136.39743	62.69225	3.48232	0.1074719	2.3757886125135
(166195)	16.7	148.27640	192.03970	49.66597	3.17202	0.1254831	2.3250621125120	(166247)	16.4	208.76853	162.42119	7.99686	2.57186	0.1352989	2.3927967125135
(166196)	17.3	188.30035	18.72778	162.78453	2.67184	0.1315545	2.3819700125120	(166248)	16.5	163.36380	250.29718	331.81641	1.06529	0.1393012	2.4200844125136
(166197)	17.3	133.59577	98.02291	140.90325	1.95370	0.1343040	2.3899711125120	(166249)	15.9	151.92135	230.82577	10.85908	2.69747	0.1418945	2.4106893125136
(166198)	16.8	105.43190	124.08482	144.11192	3.38429	0.1672526	2.4004218125120	(166250)	16.3	208.96584	325.15164	218.87485	4.87025	0.1390514	2.3428700125137
(166199)	17.3	106.59923	229.70160	34.75276	1.60632	0.1504609	2.3792581125121	(166251)	16.6	165.92954	279.73986	308.56475	1.36349	0.1614084	2.3778565125137
(166200)	17.1	202.25903	143.69127	33.91092	4.52587	0.1550314	2.3341473125121	(166252)	16.5	53.27506	118.84721	187.69090	2.96919	0.1744695	2.5637724125137
(166201)	16.1	210.35387	135.68908	3.94908	6.05543	0.0568775	2.4628537125121	(166253)	16.6	188.40933	338.18582	212.32402	4.35024	0.0418081	2.4539974125138
(166202)	17.2	94.90636	109.09028	156.33985	2.47717	0.1657508	2.4569999125122	(166254)	16.3	193.17048	177.72758	48.64338	6.99494	0.0787628	2.2374081125138
(166203)	16.5	80.19414	167.55523	134.63899	2.02174	0.1883345	2.3717943125122	(166255)	16.8	221.84943	166.25257	340.40184	0.84391	0.1299605	2.3802081125138
(166204)	16.3	69.16176	177.09185	147.71131	7.22142	0.1454658	2.2943992125122	(166256)	15.7	29.26073	296.23636	9.90396	16.10613	0.2271784	2.6277452125138
(166205)	17.6	137.53279	230.86559	357.35484	0.74313	0.1693468	2.3944723125122	(166257)	16.9	109.94316	119.76290	123.75002	1.36562	0.2497420	2.5416880125139
(166206)	16.8	138.25721	0.84212	226.92974	4.23234	0.1832466	2.4042486125123	(166258)	16.1	183.79654	148.18683	77.23883	3.07411	0.0645325	2.3092891125139
(166207)	16.4	152.07194	8.19476	219.31298	6.17517	0.0681925	2.3302249125123	(166259)	16.4	65.31620	109.48952	192.68514	8.64218	0.0504198	2.4653931125139
(166208)	16.8	355.71908	34.36550	11.67681	2.14930	0.1728078	2.2176986125123	(166260)	16.3	116.13230	268.33962	11.20255	6.51066	0.1121400	2.3511332125140
(166209)	16.6	162.53713	10.60240	204.73113	5.75050	0.0778344	2.3890727125124	(166261)	16.5	106.46217	97.60329	186.85494	2.03958	0.1594195	2.4084176125140
(166210)	16.4	80.67587	324.44518	328.88554	3.52364	0.1649193	2.3857903125124	(166262)	15.1	79.66705	148.15613	109.99275	15.04402	0.2675452	2.6755588125140
(166211)	12.8	201.93319	348.90876	160.64173	8.00428	0.0072771	5.1832817125124	(166263)	16.7	49.23230	176.07126	122.89698	3.09586	0.2141205	2.5965621125141
(166212)	16.7	7.89099	37.83876	357.79658	4.69756	0.1804528	2.2065864125124	(166264)	16.4	183.98544	269.72562	289.73795	4.19580	0.1431365	2.3810038125141
(166213)	17.1	94.18921	98.66242	168.88898	2.51259	0.1513832	2.4209710125125	(166265)	15.3	317.73395	163.30402	109.93017	6.85954	0.1374816	3.0669006125141
(166214)	17.0	111.65131	205.99899	27.04200	2.80969	0.1364246	2.4888777125125	(166266)	15.6	242.72987	12.64766	160.70465	8.75762	0.1692718	2.2825560125142
(166215)	15.9	87.53148	352.05703	279.38293	5.28593	0.0982088	2.3965918125125	(166267)	15.9	243.43436	52.31562	86.44673	4.86674	0.1451889	2.3701698125142
(166216)	16.7	117.69285	29.62198	208.16118	7.01062	0.1785946	2.4698237125126	(166268)	16.7	281.53090	81.71320	17.81049	1.07169	0.1794350	2.3376412125142
(166217)	16.7	116.73653	203.71982	57.66191	2.36232	0.1493155	2.3972054125126	(166269)	16.2	53.27798	311.42410	17.35436	5.96054	0.1351878	2.4253524125142
(166218)	16.5	45.62535	178.69298	138.30359	3.72940	0.1034016	2.4222567125126	(166270)	16.8	58.99780	124.43326	198.18903	3.99504	0.1905199	2.4506374125143
(166219)	15.8	101.87095	112.41281	166.12076	5.92799	0.1157997	2.3891999125126	(166271)	16.6	81.63457	113.89364	192.82391	1.39043	0.1256043	2.4075919125143
(166220)	16.1	177.43414	337.60822	247.15985	6.60646	0.0680867	2.2844606125127	(166272)	16.5	80.64007	253.18388	5.35715	11.42941	0.1634766	2.5782841125144
(166221)	16.5	42.85902	344.27756	1.22937	7.19971	0.1404024	2.3432942125127	(166273)	16.5	196.88174	251.32276	272.38594	3.39732	0.0866012	2.4206843125144
(166222)	16.2	195.69679	104.57761	80.41901	7.15497	0.0554402	2.3445018125127	(166274)	16.4	114.91616	276.49562	330.46598	5.29600	0.1180488	2.4655567125144
(166223)	16.2	130.81737	35.14127	186.22681	4.42992	0.0161399	2.4645247125128	(166275)	15.9	40.34037	17.69557	338.89416	2.31553	0.1501498	2.3648443125144
(166224)	16.0	196.01896	266.58653	264.11048	3.62417	0.1666372	2.3810572125128	(166276)	16.8	121.46200	21.52836	243.37181	5.89673	0.1416158	2.4243219125145
(166225)	15.9	346.19596	157.54880	279.26499	3.60869	0.2132335	2.1783491125128	(166277)	16.4	230.12514	220.69200	268.32990	1.55946	0.1446176	2.4227155125145
(166226)	15.8	160.33203	163.53471	44.40431	7.41142	0.0605670	2.3890620125129	(166278)	15.4	90.93720	340.70036	320.31055	6.24000	0.1065344	2.3794677125145
(166227)	16.2	214.78104	196.55510	319.51944	6.05681	0.0691818	2.3673918125129	(166279)	16.2	312.38638	74.95983	13.88800	4.68510	0.1723653	2.2596082125146
(166228)	16.1	150.83493	192.44010	47.53137	5.29284	0.1120996	2.3642590125129	(166280)	16.1	155.82030	131.27336	95.36159	7.15727	0.0568319	2.4160565125146
(166229)	16.0	123.75748	221.59590	14.55816	6.34005	0.0637988	2.4393078125130	(166281)	16.1	284.30566	27.83987	94.82907	5.00361	0.0830781	2.2666999125147
(166230)	13.0	357.79831	358.43690	359.20370	3.78838	0.0963659	5.2009112125130	(166282)	17.1	289.43155	34.77225	62.77460	4.56898	0.1086815	2.3199849125147
(166231)	16.9	106.94074	67.26667	192.84570	2.17209	0.1700935	2.4522555125130	(166283)	17.2	140.54033	330.64927	300.70134	1.64861	0.0763069	2.3043690125147
(166232)	16.7	220.13550	145.11776	10.04830	1.98164	0.1380864	2.3645322125131	(166284)	17.3	90.90007	93.26153	209.51449	6.13056	0.1205075	2.3571943125147
(166233)	16.5	189.71450	184.38665	43.67108	9.96687	0.2545063	2.2543131125131	(166285)	13.3	244.38946	264.53295	204.29764	5.13699	0.0620493	5.1963382125148
(166234)	16.7	155.96735	75.15609	146.40476	1.90576	0.1361456	2.3944692125131	(166286)	16.9	78.96027	277.92250	352.10172	7.23888	0.1459820	2.3857256125148
(166235)	15.5	291.80094	6.79336	72.70009	10.38776	0.1174669	2.3009977125131	(166287)	16.6	301.60220	21.13437	65.83615	7.25732	0.0823883	2.3003927125148
(166236)	15.7	160.81618	176.66118	39.86098	9.78630	0.1509139	2.3726295125132	(166288)	16.8	172.33170	95.04123	105.18583	4.36359	0.0551027	2.3934217125149
(166237)	15.7	280.19079	23.11505	94.52183	6.99664	0.0460070	2.2777818125132	(166289)	16.8	103.37663	115.31283	150.81872	2.05844	0.0691922	2.4470041125149
(166238)	16.6	140.36580	270.19774	328.69007	3.31674	0.0684470	2.3694855125132	(166290)	15.7	57.12004	84.80263	195.21253	12.46851	0.2083895	2.6419499125149
(166239)	15.9	112.39420	61.35218	139.66141	16.33380	0.1028636	2.5476193125133	(166291)	15.9	215.45128	122.83756	37.87323	5.99113	0.1150481	2.3857256125149
(166240)	16.7	88.85698	180.78918	95.23327	2.30456	0.1675324	2.4488198125133	(166292)	16.3	62.48393	93.98882	197.55085	8.95341	0.2011839	2.5785898125150
(166241)	16.2	91.17960	172.34254	82.57089	4.92603	0.1919906	2.5465658125133	(166293)	16.9	88.08848	100.29771	185.73752	2.45357	0.1890112	2.4634075125150
(166242)	15.5	162.09598	198.07564	28.95658	12.26203	0.2093695	2.4173074125134	(166294)	15.8	60.49763	299.70967	38.64548	4.55412	0.1423842	2.3637162125150
(166243)	16.1	191.89842	7.42988	199.34359	1.83695	0.1530192	2.3542212125134	(166295)	15.4	63.53243	186.89948	117.97845	14.59212	0.2771864	2.6107637125151
(166244)	16.5	163.52183	168.19925	43.12014	2.80262	0.1508052	2.4349276125134	(166296)	16.4	81.03381	226.43571	32.84522	10.76011	0.1957928	2.5991396125151

(166297)	16.7	129.07694	181.64412	86.48284	2.21648	0.1605809	2.4393797125151	(166349)	16.9	39.81599	285.54702	7.34769	2.09888	0.1849341	2.6951650125168
(166298)	16.9	66.91966	74.20054	211.21044	1.67605	0.1756929	2.6133824125152	(166350)	16.5	72.38024	173.41565	125.08327	3.11459	0.2025297	2.5927972125168
(166299)	17.0	91.89111	78.67115	165.57291	7.41538	0.1689993	2.6166976125152	(166351)	12.4	300.95025	291.60696	129.85928	12.43784	0.0495806	5.2398670125168
(166300)	17.2	174.74356	200.65680	22.87588	1.34062	0.1379032	2.3829215125152	(166352)	15.2	69.51642	208.10551	102.71897	16.05967	0.2616067	2.6845082125168
(166301)	16.8	227.55882	320.86131	224.00973	5.21899	0.1649042	2.3249960125153	(166353)	16.7	77.17207	98.36797	194.77715	4.44013	0.1908374	2.5350069125169
(166302)	16.1	175.98775	94.49891	93.19768	3.36184	0.1382561	2.4635997125153	(166354)	15.9	54.03939	241.60360	58.03601	15.10003	0.2522065	2.6172513125169
(166303)	15.9	133.98391	59.21811	212.84493	5.46704	0.1121772	2.3585049125153	(166355)	17.1	110.50039	67.60548	215.04881	3.02588	0.1588899	2.4782952125169
(166304)	15.9	84.73877	186.14611	79.44218	12.15089	0.1550660	2.5753348125154	(166356)	15.6	63.27335	144.65673	143.43241	13.75053	0.2608172	2.6826844125170
(166305)	16.4	96.08572	34.12978	214.12317	12.27124	0.2351984	2.5900008125154	(166357)	16.0	61.82827	207.39842	96.94859	5.28024	0.2383713	2.6014616125170
(166306)	16.7	99.68226	83.21293	149.40073	3.59617	0.2707701	2.6113191125154	(166358)	15.5	131.09066	55.80126	192.11535	14.87397	0.0815827	2.5309739125170
(166307)	16.6	78.11738	181.98165	100.69865	4.70839	0.1992818	2.5799891125155	(166359)	16.1	135.66612	259.88465	324.29915	1.56057	0.2237604	2.5455356125171
(166308)	15.9	124.38175	90.86273	184.98553	2.20913	0.1672983	2.4108634125155	(166360)	16.3	105.41395	248.35674	350.65863	1.08855	0.1522751	2.6309389125171
(166309)	15.8	99.56257	36.95992	201.75551	4.28010	0.1356416	2.6198830125155	(166361)	16.9	59.56931	302.90875	313.63399	3.67089	0.2006780	2.7585554125171
(166310)	16.5	231.22209	46.13400	131.37730	6.44064	0.1404747	2.3301825125156	(166362)	16.2	54.19715	70.84242	241.89610	12.35918	0.1909830	2.6024936125172
(166311)	16.2	79.24883	187.98140	90.15330	5.84480	0.2958579	2.6027930125156	(166363)	16.2	56.84686	69.43932	255.89727	3.51252	0.2079405	2.5829678125172
(166312)	16.2	205.17874	242.38248	312.30053	4.33621	0.1313477	2.3380226125156	(166364)	16.6	116.63304	123.63474	122.60049	4.24144	0.1146381	2.5545886125172
(166313)	16.7	271.14439	124.30377	4.08169	2.62454	0.1602596	2.3143816125157	(166365)	16.4	52.24793	128.23870	174.89355	3.89293	0.1810749	2.6444532125173
(166314)	16.9	172.61100	323.23301	252.01913	1.50538	0.1681462	2.4191618125157	(166366)	15.8	56.13909	117.99745	177.35669	13.93023	0.1854799	2.6338537125173
(166315)	16.5	68.80507	40.33573	247.36861	1.15911	0.1761367	2.6028568125157	(166367)	17.0	107.04167	107.15866	125.82988	3.21363	0.1522721	2.6428439125173
(166316)	16.2	128.40050	316.63839	318.05946	0.58702	0.1702756	2.4345781125158	(166368)	15.4	57.95246	161.60165	128.33538	11.63480	0.2721976	2.7165540125173
(166317)	16.3	82.22523	235.57145	37.92783	3.74065	0.3114359	2.6228723125158	(166369)	16.3	96.86163	40.84222	229.68345	6.07724	0.2423007	2.5941186125174
(166318)	15.8	86.04164	230.53351	44.41171	12.35130	0.1025228	2.5245954125158	(166370)	14.7	60.35618	249.75078	86.07254	12.70438	0.2095402	2.6374185125174
(166319)	16.2	163.36090	352.38528	193.83071	7.30266	0.1170265	2.5380571125159	(166371)	15.8	163.81204	184.61540	66.95198	7.72482	0.0426238	2.4200108125174
(166320)	15.7	222.97461	120.39412	68.26788	8.67996	0.1153076	2.3451911125159	(166372)	15.8	75.64908	137.88626	125.24697	11.71310	0.1760717	2.6545972125175
(166321)	16.1	80.20085	64.79837	189.67356	11.23911	0.2152198	2.6163977125159	(166373)	15.8	54.87365	134.41420	157.12380	16.15773	0.1893156	2.6561690125175
(166322)	15.8	65.11923	78.21018	215.42903	12.36317	0.1630079	2.6333244125160	(166374)	14.9	29.20991	100.50335	236.29857	8.00371	0.3024607	2.7750927125175
(166323)	16.4	78.75287	248.15452	26.26640	4.50551	0.2400735	2.559539125160	(166375)	16.1	121.53760	48.03312	203.08080	8.46987	0.2035869	2.5378569125176
(166324)	17.1	187.49863	202.89978	343.99402	0.80930	0.1238588	2.4138654125161	(166376)	16.3	59.57858	79.48671	219.81504	12.10643	0.1659677	2.6671450125176
(166325)	16.5	93.84583	263.59479	36.90038	6.21627	0.1142621	2.4286808125161	(166377)	15.1	52.02827	207.66432	142.90415	14.33850	0.1721031	2.5941954125176
(166326)	17.2	76.52684	263.35989	26.70136	3.27995	0.0639005	2.5212618125161	(166378)	15.2	75.96489	42.91685	255.61501	14.51695	0.1240818	2.6930551125177
(166327)	15.8	75.23319	23.78474	253.20888	4.13851	0.1099860	2.5584185125161	(166379)	14.8	45.45082	202.80375	117.96391	15.15070	0.2666302	2.6715340125177
(166328)	16.3	88.25807	245.06877	28.94636	2.90996	0.0523411	2.5231090125162	(166380)	16.3	53.64528	101.61400	183.79106	8.98520	0.2599128	2.7286021125177
(166329)	15.5	28.54464	287.32343	44.59741	17.83511	0.2729925	2.6457673125162	(166381)	14.9	66.15563	181.03819	106.50786	18.72402	0.2121595	2.6425274125178
(166330)	16.3	223.98698	191.84112	316.68408	0.88265	0.1266893	2.4479987125162	(166382)	16.1	160.04934	13.76944	163.55423	2.10331	0.1576729	2.5914842125178
(166331)	16.1	244.39999	125.33734	47.53882	6.99998	0.0705394	2.3380393125163	(166383)	15.4	60.66401	183.81939	135.51327	5.29770	0.2116160	2.6808040125178
(166332)	17.0	201.43971	165.06886	36.08393	2.70015	0.1517460	2.3776993125163	(166384)	16.0	101.44623	58.19570	201.66316	9.25251	0.1752747	2.5799921125178
(166333)	16.7	165.80910	198.63249	18.64543	3.16879	0.1242186	2.4537909125163	(166385)	15.0	38.16896	25.70261	307.86548	15.75318	0.2442007	2.7635097125179
(166334)	16.9	87.78896	90.55493	181.50059	14.74632	0.2199556	2.5260041125163	(166386)	16.1	74.47216	151.03487	160.77491	6.31792	0.1417195	2.5559318125179
(166335)	15.8	90.33162	54.52895	198.70940	31.43793	0.2261418	2.6324332125164	(166387)	15.5	9.73936	82.54753	279.06333	5.21643	0.0377592	2.6917528125180
(166336)	15.8	45.18086	177.86507	126.27085	13.25844	0.1804591	2.6161440125164	(166388)	16.0	92.54406	95.73027	181.80190	1.60807	0.0425722	2.6764617125180
(166337)	16.5	130.55415	40.65360	178.86745	12.22776	0.1305311	2.5590052125164	(166389)	15.7	81.73188	148.13356	141.74056	14.42673	0.1192984	2.6947963125180
(166338)	16.6	206.40222	139.29540	14.18376	2.51750	0.1201621	2.4528332125165	(166390)	15.0	121.77381	315.12491	296.21767	13.17499	0.0849698	2.6193548125180
(166339)	16.6	359.42728	189.30903	232.49484	5.36966	0.0850208	2.3104428125165	(166391)	15.3	50.96511	44.17706	265.87857	7.54478	0.2148726	2.7403182125181
(166340)	16.6	73.42722	129.02642	151.35551	4.72121	0.1552195	2.5857698125165	(166392)	15.3	27.26393	238.62300	119.98755	10.22597	0.2341041	2.7132708125181
(166341)	15.9	207.84609	44.03615	115.57832	7.23449	0.0514990	2.4684102125165	(166393)	16.2	41.46696	176.05374	135.64683	11.85482	0.2800111	2.7973094125181
(166342)	16.0	64.17257	16.45715	271.49575	9.46835	0.1975989	2.5915529125166	(166394)	15.3	20.84428	12.17485	336.09854	7.79327	0.2364374	2.7660316125181
(166343)	16.3	233.08342	124.84495	17.68658	6.31274	0.1130192	2.4166521125166	(166395)	15.6	80.20758	127.99313	137.05012	9.77610	0.2220849	2.7126451125182
(166344)	15.9	77.92731	4.02871	271.08619	6.93697	0.1193152	2.5624520125166	(166396)	15.6	105.57962	355.13916	278.09812	13.58038	0.0800152	2.6415861125182
(166345)	15.7	114.10108	44.12567	163.48129	14.02864	0.1052904	2.6511927125166	(166397)	15.9	103.75084	132.54172	131.60825	12.70040	0.1684335	2.6613426125182
(166346)	15.7	73.47575	138.48101	144.10937	14.55238	0.1819196	2.5671296125167	(166398)	15.5	73.43958	166.49152	138.79407	11.56817	0.0909494	2.6490097125183
(166347)	16.2	41.57113	276.40075	20.94643	7.39054	0.2754543	2.6789817125167	(166399)	14.9	160.59771	289.27955	284.75111	10.26644	0.1476163	2.6512461125183
(166348)	16.1	15.62441	291.96624	60.34870	28.92361	0.2073530	2.5936379125167	(166400)	15.5	73.76526	178.06609	131.90639	15.35339	0.1348803	2.6743577125183

(166401) 15.4 26.22915 98.36157 245.65257 5.22518 0.1724645 2.7834064125183
 (166402) 15.8 6.39897 347.10718 332.48334 0.81122 0.1168565 2.9086491125184
 (166403) 15.8 80.42487 122.41208 176.62599 11.36646 0.2034134 2.6534294125184
 (166404) 15.9 48.31527 211.69156 109.13693 13.06552 0.1036407 2.7261495125184
 (166405) 16.0 77.28735 62.24711 219.39774 4.43330 0.2841122 2.7310549125185
 (166406) 15.1 339.01228 275.88172 129.14048 10.76585 0.2038852 2.7627758125185
 (166407) 15.9 34.09134 230.02385 126.37185 8.53551 0.1981647 2.6979987125185
 (166408) 16.2 109.70390 124.24320 137.81043 2.99691 0.1645403 2.6589868125186
 (166409) 15.3 89.05676 13.04773 273.80971 9.00929 0.2378234 2.7070951125186
 (166410) 14.7 162.90738 298.44494 274.98590 13.46193 0.1004670 2.6919252125186
 (166411) 15.3 126.26832 35.64071 211.79256 7.31045 0.2008825 2.6570896125187
 (166412) 15.5 71.60023 114.60368 207.48472 13.60800 0.1151158 2.6649522125187
 (166413) 15.1 334.70342 177.40742 243.80141 8.60983 0.0830106 2.6821809125187
 (166414) 15.7 103.49864 112.07982 178.50141 7.43177 0.1315770 2.5796477125187
 (166415) 16.0 55.83769 135.42428 164.91449 9.69464 0.2063269 2.7575851125188
 (166416) 15.2 341.36175 120.61836 263.13185 10.76625 0.1045869 2.7907557125188
 (166417) 15.2 88.92439 131.89297 169.08951 11.93818 0.1555866 2.6573203125188
 (166418) 15.4 49.83600 183.47467 160.65445 12.55003 0.1926023 2.6962469125189
 (166419) 16.7 42.32985 322.68849 32.50536 1.49720 0.1041423 2.6644114125189
 (166420) 15.5 338.79465 277.12263 124.45427 9.93444 0.1621031 2.8136123125189
 (166421) 16.5 358.55794 94.83885 244.60295 4.10021 0.0659087 2.8983672125190
 (166422) 15.2 36.54070 341.62191 339.95277 7.64017 0.1994593 2.6577246125190
 (166423) 15.2 49.79996 341.83416 324.23400 7.31001 0.2089870 2.7951232125191
 (166424) 16.4 162.84978 14.83042 201.97328 3.66595 0.1207651 2.6201700125191
 (166425) 16.5 102.55526 64.94512 192.02855 9.01249 0.1922803 2.6884601125191
 (166426) 16.0 1.49604 189.98443 178.46302 6.58599 0.0654239 2.7788739125191
 (166427) 16.3 65.77124 137.15296 171.77502 4.54008 0.1237796 2.6890002125192
 (166428) 16.0 197.64124 239.33976 294.43256 4.01820 0.0465599 2.7144856125192
 (166429) 15.9 26.10417 187.42057 152.84887 9.78699 0.1685599 2.7979717125192
 (166430) 16.0 14.08094 138.36317 244.54493 1.83042 0.2021005 2.7078078125193
 (166431) 16.2 102.56762 345.90538 270.38147 2.30873 0.0453459 2.7718142125193
 (166432) 17.0 151.02855 76.18934 173.67657 1.68112 0.1257398 2.5647420125193
 (166433) 15.5 17.42858 190.62259 173.38207 6.80926 0.1009249 2.7446614125194
 (166434) 15.4 46.17209 14.21333 313.76151 5.88303 0.0871164 2.7488770125194
 (166435) 15.5 359.73546 80.09013 313.69232 7.82402 0.1905294 2.7490480125194
 (166436) 15.5 72.74102 3.74005 302.34680 6.88940 0.1241620 2.7163784125194
 (166437) 16.0 22.21875 86.92525 271.25354 6.61648 0.2316851 2.7366073125195
 (166438) 16.0 41.91862 355.34923 333.05471 2.80211 0.0693664 2.8027911125195
 (166439) 15.7 349.58057 108.14206 276.76804 2.61897 0.1064607 2.7989386125195
 (166440) 16.0 71.15084 333.77924 317.38376 8.75592 0.1887881 2.7337759125196
 (166441) 15.5 347.32278 117.75465 266.03147 5.12487 0.0372697 2.7491413125196
 (166442) 16.0 55.77404 216.55776 100.96530 3.49258 0.1490620 2.7212680125196
 (166443) 16.3 26.73521 317.14439 23.63362 2.40438 0.0964450 2.7691841125196
 (166444) 14.8 317.08700 300.52828 129.63906 26.68688 0.2404990 2.7859103125197
 (166445) 15.9 94.08498 10.64423 257.98030 5.18585 0.3245411 2.6875483125197
 (166446) 15.5 15.26092 105.56189 315.95177 20.96640 0.1433705 2.6053573125197
 (166447) 15.3 39.67017 182.58446 153.78209 9.29677 0.1578641 2.7968776125198
 (166448) 15.1 48.02285 85.23675 244.84946 8.46724 0.1819013 2.7896338125198
 (166449) 15.3 147.72021 21.92002 202.10993 13.99448 0.0502579 2.7529536125199
 (166450) 15.8 11.34142 175.69355 199.58112 9.66465 0.2875584 2.7790302125199
 (166451) 16.3 9.97463 187.93932 215.29647 10.84167 0.2157550 2.6661729125199
 (166452) 15.7 126.11316 63.34056 192.04676 12.54778 0.1447729 2.6667798125200

(166453) 15.6 139.08105 277.06129 326.18459 14.29662 0.0510888 2.6581722125200
 (166454) 16.2 54.74515 282.04558 26.53818 3.25695 0.0811130 2.7629351125200
 (166455) 15.6 89.74171 281.09834 337.00201 12.03222 0.2560871 2.7335935125200
 (166456) 15.6 61.01139 289.86100 19.44492 7.67698 0.2904952 2.7481956125201
 (166457) 15.8 33.78961 226.87012 104.14654 8.92344 0.2230019 2.7863075125201
 (166458) 15.4 27.85109 223.70782 150.78839 13.06526 0.1630383 2.6846991125201
 (166459) 15.2 69.12143 67.50357 239.54337 11.28268 0.2030498 2.7317192125202
 (166460) 15.9 15.70289 146.94699 214.73824 12.16530 0.1889829 2.7961180125202
 (166461) 16.3 90.63484 41.88217 245.13774 10.91784 0.1788893 2.6928964125202
 (166462) 15.2 19.61125 132.86189 265.92179 13.72394 0.1543716 2.6779452125203
 (166463) 15.1 345.83594 127.77591 273.98618 15.34571 0.1555313 2.8395245125203
 (166464) 15.5 61.74081 282.90643 52.08684 2.03409 0.1058771 2.6793042125203
 (166465) 15.2 25.25807 259.69724 115.04058 10.09873 0.1602166 2.7369492125203
 (166466) 15.4 349.06272 296.95211 136.81410 13.58150 0.2466119 2.6969455125204
 (166467) 16.2 326.36195 89.96652 324.32310 1.26003 0.0700747 2.7519380125204
 (166468) 16.2 89.69874 71.26521 176.78875 12.34564 0.1885189 2.7901698125204
 (166469) 15.6 12.86511 177.50984 175.10666 13.33722 0.1416765 2.7773574125205
 (166470) 16.9 73.09568 280.01138 38.63625 4.81477 0.1929982 2.6522833125205
 (166471) 16.1 0.16333 279.06038 108.45588 7.10519 0.0577688 2.6946067125205
 (166472) 15.4 322.45988 125.39779 305.69811 14.20042 0.1223424 2.8461301125206
 (166473) 15.2 89.15995 26.77778 252.48309 12.13709 0.1943276 2.7840532125206
 (166474) 15.9 26.26073 69.07517 292.98027 6.36470 0.2276467 2.7580507125206
 (166475) 15.7 1.61277 150.12519 235.72198 3.06791 0.0827634 2.7498059125207
 (166476) 16.1 67.03691 91.40171 198.13042 7.28330 0.2025523 2.8065298125207
 (166477) 15.8 19.50498 236.73060 117.80009 3.22108 0.1870813 2.8065424125207
 (166478) 14.5 355.56319 203.73242 121.79134 18.73820 0.1951423 3.0836673125208
 (166479) 15.8 35.65707 42.35063 306.68388 4.81084 0.0466779 2.6913705125208
 (166480) 15.7 325.46667 174.92109 249.25955 5.15360 0.1449319 2.7678906125208
 (166481) 15.9 20.99046 83.44379 261.41862 1.87043 0.1206250 2.7990599125208
 (166482) 15.6 61.90069 343.90019 332.35219 4.60337 0.0532658 2.7472530125209
 (166483) 15.5 16.05677 51.30835 315.14353 5.02601 0.0520284 2.7632252125209
 (166484) 14.7 62.46764 332.94425 348.11646 15.93516 0.1405259 2.7622904125210
 (166485) 14.8 28.82944 260.09042 82.11348 16.55325 0.2851573 2.7912791125210
 (166486) 16.1 352.54662 132.12205 250.33777 1.69016 0.0914992 2.7494029125210
 (166487) 15.9 359.13459 261.69856 137.60538 12.53608 0.2043024 2.7174510125211
 (166488) 15.7 20.29992 40.61724 332.69585 5.38490 0.0493660 2.6699978125211
 (166489) 15.3 104.79723 311.93033 316.12116 3.51388 0.0647154 2.7160793125211
 (166490) 16.2 35.78928 227.65226 102.36312 5.30016 0.1030329 2.7678921125211
 (166491) 16.4 31.01408 359.19719 336.75153 3.01601 0.0991177 2.7844800125212
 (166492) 16.4 49.59758 265.07112 53.16773 0.97245 0.0623704 2.7708554125212
 (166493) 16.9 75.53396 330.27708 346.29483 2.06354 0.1005312 2.6819192125212
 (166494) 15.7 300.42549 147.23370 302.45066 7.85060 0.1199783 2.7171664125212
 (166495) 16.5 329.88285 135.86602 279.06381 5.03325 0.1342154 2.7793185125213
 (166496) 16.9 59.17235 240.01115 68.69095 1.35385 0.0567433 2.7652840125213
 (166497) 15.6 115.22116 338.27241 276.39855 6.18709 0.0351841 2.7946262125213
 (166498) 15.2 56.69685 321.15756 6.02116 9.86830 0.2094390 2.7095601125213
 (166499) 15.3 334.60586 179.17722 234.76275 5.24074 0.0561041 2.7341000125214
 (166500) 14.6 267.96344 148.07607 288.05046 8.01836 0.1229534 3.0697262125214
 (166501) 15.3 356.59369 272.01759 112.15057 4.88871 0.1066173 2.8092048125214
 (166502) 15.4 30.01072 333.15103 19.84399 4.96958 0.0364211 2.7672845125215
 (166503) 15.5 66.38543 308.64718 353.69656 2.29393 0.1630851 2.7856522125215
 (166504) 15.4 322.82016 268.22938 147.22658 2.60508 0.0752506 2.8425636125215

(166505) 15.4 27.11917 32.00648 326.49790 4.71037 0.0809742 2.6962272125216
 (166506) 15.7 335.38032 289.55200 149.98462 8.47175 0.1965483 2.7457140125216
 (166507) 15.3 81.45662 297.75133 27.89204 3.10509 0.0794781 2.6538752125216
 (166508) 15.5 60.45045 199.89980 142.42796 6.79381 0.0453938 2.6848394125217
 (166509) 15.6 356.90766 271.01461 139.47589 9.86989 0.1619917 2.7374949125217
 (166510) 16.0 166.35591 190.94317 27.36739 5.78028 0.0194115 2.7586077125217
 (166511) 16.6 67.98034 262.96092 102.56273 5.56146 0.2423406 2.5475748125218
 (166512) 15.8 77.80819 281.47379 355.13951 7.90334 0.2121555 2.7369466125218
 (166513) 15.3 3.68245 359.03294 332.65703 10.77533 0.1324981 2.9947959125218
 (166514) 15.9 31.30627 252.72592 73.05522 3.10768 0.0649522 2.8685860125219
 (166515) 16.4 53.71389 109.53384 213.00292 2.56484 0.0979696 2.7632690125219
 (166516) 16.4 325.52466 258.88303 179.26396 3.32746 0.1769354 2.7440836125219
 (166517) 15.2 9.46160 358.69691 316.07443 9.82434 0.1018640 3.0364251125219
 (166518) 16.5 282.78606 122.10821 306.86047 0.92152 0.0587267 2.9093416125220
 (166519) 15.5 334.30586 18.73130 28.22766 4.70711 0.0664946 2.7789555125220
 (166520) 15.9 60.96983 106.58852 202.34946 6.85653 0.0775035 2.7075458125220
 (166521) 16.3 287.69171 54.11972 36.45337 3.54207 0.0141873 2.7477410125220
 (166522) 15.5 164.75136 107.86948 89.87441 8.22415 0.0996683 2.7740992125221
 (166523) 16.2 88.69236 222.33994 71.96866 3.20952 0.0532494 2.7027664125221
 (166524) 15.6 42.75458 215.35183 117.44081 8.40117 0.0897338 2.7528876125221
 (166525) 16.4 90.42555 315.14697 316.08066 3.21765 0.0578236 2.7756553125221
 (166526) 16.2 282.22718 293.78450 176.08430 6.44481 0.0531957 2.7974826125222
 (166527) 15.6 37.00021 139.97280 195.42390 12.64290 0.2069442 2.7593373125222
 (166528) 15.5 349.59944 229.72680 195.73197 14.60842 0.1577046 2.7211067125222
 (166529) 15.0 22.00695 18.17243 351.41377 8.65763 0.1611126 2.7678020125222
 (166530) 15.4 358.87429 303.56223 74.99795 1.62252 0.0827038 2.7965619125223
 (166531) 16.2 25.01320 20.06237 316.85401 0.45886 0.0762968 2.8537463125223
 (166532) 15.9 5.69127 213.11602 182.25166 12.89814 0.2429374 2.8417795125224
 (166533) 15.2 4.25776 238.07925 167.50722 9.76477 0.2226679 2.7591447125224
 (166534) 14.8 301.98000 254.54821 155.95364 11.71461 0.0912526 3.0294730125224
 (166535) 14.9 348.30151 265.29337 145.73970 2.90512 0.2016027 2.8063289125225
 (166536) 15.7 4.59213 188.75683 176.44376 6.00176 0.0761392 2.8585177125225
 (166537) 16.0 316.65548 240.62085 209.60633 2.79422 0.0623363 2.7750653125226
 (166538) 15.7 0.76566 77.16469 313.59353 7.91846 0.1645528 2.8117070125226
 (166539) 15.5 284.75781 149.59317 330.05336 8.94798 0.1065794 2.7663816125226
 (166540) 14.9 32.97870 303.15941 10.35878 9.96903 0.1021134 2.9795861125227
 (166541) 14.8 280.64212 102.20870 311.50718 7.78796 0.0685485 3.0574068125227
 (166542) 15.7 98.56520 251.17710 47.13605 2.43544 0.1906635 2.6485782125227
 (166543) 15.2 358.01903 19.39291 26.17632 5.47180 0.1611016 2.7415895125227
 (166544) 16.5 355.45470 302.67062 69.73824 1.83012 0.2514951 2.9135900125228
 (166545) 16.0 18.15878 297.77482 59.81381 2.66507 0.2048801 2.8862172125228
 (166546) 15.7 110.38655 73.26503 220.39089 4.56527 0.1407533 2.6881435125229
 (166547) 15.9 58.56474 113.68929 216.25955 4.35783 0.1725059 2.7696386125229
 (166548) 16.2 44.40892 134.71334 217.94556 3.44124 0.2690504 2.7512185125229
 (166549) 15.1 341.26226 98.68341 327.60816 13.54448 0.1700030 2.7782741125230
 (166550) 14.9 99.95752 0.31310 272.74477 7.18912 0.1849591 2.7965865125230
 (166551) 15.5 294.20380 165.65170 301.74736 11.17322 0.1166649 2.7444984125230
 (166552) 15.4 28.32477 33.67689 297.16049 1.25815 0.0545896 2.8917628125231
 (166553) 17.3 87.35459 261.03378 358.95545 20.76481 0.0524698 1.8833202125231
 (166554) 15.4 271.89927 334.16501 155.53863 4.45588 0.0377323 2.7001331125231
 (166555) 15.8 359.51497 164.37663 177.35659 11.95383 0.0935391 3.0286662125232
 (166556) 14.6 286.75983 68.80145 18.79964 11.20831 0.0512363 2.9755133125232

(166557) 16.1 24.06218 114.71318 193.28459 13.72223 0.2713336 2.9721166125232
 (166558) 17.3 293.16392 78.95609 6.33002 17.49689 0.1173951 1.8734162125233
 (166559) 14.4 275.65932 257.89727 201.26869 15.44095 0.2134544 3.1288629125233
 (166560) 14.9 327.88057 40.92571 24.47826 10.59575 0.1560447 3.0088257125234
 (166561) 14.6 302.16931 54.33008 17.47094 13.50953 0.1658915 3.0685518125234
 (166562) 14.3 313.87105 26.56172 27.27564 16.10183 0.0705169 3.0764018125235
 (166563) 14.9 328.05299 20.78225 27.50024 15.55605 0.2791900 3.0674351125235
 (166564) 14.1 291.88436 63.56786 48.93718 22.33319 0.3754272 3.1921276125236
 (166565) 16.1 350.78186 254.02011 141.10304 2.16669 0.0877309 2.7897175125236
 (166566) 14.6 345.00064 60.55437 331.57858 9.83813 0.1465130 2.9444934125236
 (166567) 15.7 335.62943 242.29927 141.54167 2.96358 0.0734415 2.9052383125237
 (166568) 15.1 194.54251 192.16549 3.43453 5.22335 0.0118056 2.7406427125237
 (166569) 15.0 25.34135 121.11767 245.78109 4.08759 0.0770840 2.7508028125237
 (166570) 14.4 306.26678 83.18370 304.17875 6.56133 0.0897135 3.2267180125238
 (166571) 16.0 96.03899 188.93930 96.97595 6.25265 0.1339645 2.7111074125238
 (166572) 15.7 307.93470 103.52634 326.19060 3.28593 0.1193018 2.9050406125238
 (166573) 15.4 313.77254 332.58911 115.66036 9.36033 0.1170474 2.8155464125239
 (166574) 15.5 142.55812 359.02795 257.32092 13.20137 0.0057984 2.6747294125239
 (166575) 15.1 70.08536 44.38233 264.66195 12.76418 0.0415232 2.7667904125239
 (166576) 15.5 36.34796 167.35592 200.84331 5.54305 0.1023249 2.7268858125240
 (166577) 15.0 4.04445 228.64302 133.77239 12.89352 0.0679566 2.9333211125240
 (166578) 15.1 17.82422 220.93121 115.32707 11.93694 0.1005480 2.9735354125240
 (166579) 15.6 1.79600 331.43979 86.41121 10.58866 0.2732925 2.7817312125241
 (166580) 15.7 27.61705 226.38229 129.52664 10.43508 0.2051985 2.8114287125241
 (166581) 15.4 94.95507 264.99173 33.72239 12.93013 0.1920322 2.7003325125241
 (166582) 16.0 346.04752 57.04581 323.17661 1.22990 0.1109328 2.9269762125241
 (166583) 15.4 322.78178 118.55198 319.10235 7.10717 0.0659337 2.97353890125242
 (166584) 16.2 343.29369 153.01939 249.69029 1.27898 0.1600139 2.8561571125242
 (166585) 15.4 208.58777 218.79617 336.32993 3.89222 0.1299210 2.7120704125242
 (166586) 16.2 315.80473 155.63059 298.82009 0.99878 0.0445427 2.6933719125242
 (166587) 15.9 211.75344 241.73480 313.97755 0.50284 0.0734302 2.6688461125243
 (166588) 16.1 316.60962 167.79740 235.29259 1.34227 0.1144689 2.9640340125243
 (166589) 15.5 4.27357 179.36040 220.04706 8.53779 0.2854991 2.8030480125243
 (166590) 16.2 326.44362 192.14932 210.52218 1.28649 0.1075948 2.9327583125244
 (166591) 16.3 1.12724 172.13660 164.06332 2.02755 0.1105099 3.0423385125244
 (166592) 15.7 13.86501 343.27505 29.87177 8.71410 0.2313327 2.8132169125244
 (166593) 16.2 336.29358 207.69542 206.17215 3.49446 0.0789647 2.8573382125245
 (166594) 15.8 53.10804 105.13043 189.96953 10.88304 0.0485431 3.0220655125245
 (166595) 16.0 43.62738 19.65864 315.17524 1.12335 0.0673945 2.8612602125245
 (166596) 16.3 338.31377 202.48754 214.22619 1.25546 0.1009187 2.8407293125245
 (166597) 14.8 21.96601 162.93836 237.57308 9.29344 0.2410781 2.7119178125246
 (166598) 16.1 66.47085 228.18794 96.66978 10.10717 0.1463823 2.7404057125246
 (166599) 15.3 187.51175 150.89422 8.29610 5.84828 0.0661428 3.0364612125246
 (166600) 15.9 346.49466 250.18886 178.94978 1.71199 0.2167642 2.7823415125247
 (166601) 16.8 341.41459 188.54795 234.79238 0.19930 0.0836667 2.7895894125247
 (166602) 15.5 97.97918 288.97974 11.61831 12.55537 0.0812118 2.7601059125247
 (166603) 15.8 118.67658 44.36117 219.21017 8.85093 0.1466761 2.7126115125247
 (166604) 16.1 14.90967 58.25595 289.62071 0.97479 0.1167289 2.8649320125248
 (166605) 15.4 325.55159 234.57757 138.32698 7.16477 0.0907833 3.0338207125248
 (166606) 16.5 158.90868 345.81251 327.17883 4.99592 0.0290447 2.4519708125248
 (166607) 14.5 31.37790 131.54114 206.65370 11.55374 0.0637605 2.9213569125249
 (166608) 15.5 163.86366 284.93675 300.99587 3.22386 0.0174007 2.7668043125249

(166609) 15.8 293.03808 241.89302 158.46789 9.97262 0.0734659 3.0457956125249
 (166610) 16.2 4.11935 252.21401 153.50771 2.19517 0.0789112 2.6862259125250
 (166611) 16.4 0.67880 199.71589 155.62808 3.04943 0.1006767 2.8944357125250
 (166612) 15.3 230.88773 303.24643 176.37060 10.42675 0.0534180 2.9162181125250
 (166613) 15.4 338.35187 233.57117 188.18307 3.80228 0.0869212 2.7125363125251
 (166614) 16.3 291.72989 77.40856 31.76280 0.86459 0.0142663 2.6364549125251
 (166615) 16.7 341.00231 55.38022 317.03328 1.00116 0.0370599 2.9052130125251
 (166616) 16.3 356.93316 294.32700 92.09525 2.64052 0.0631507 2.7310579125251
 (166617) 15.8 336.65321 246.96146 147.82246 2.76496 0.0952373 2.9582390125252
 (166618) 15.3 318.86081 39.29448 17.99641 10.76596 0.1043869 2.9624706125252
 (166619) 15.6 160.41711 192.21834 42.68919 5.70318 0.1051399 2.7859537125252
 (166620) 15.9 343.26738 284.48311 113.37684 3.21636 0.0604552 2.9131201125253
 (166621) 15.3 319.98732 1.09191 60.35575 4.06979 0.1493235 2.9643111125253
 (166622) 14.3 20.21069 59.23294 284.08832 14.00300 0.0754461 2.9801422125253
 (166623) 15.3 283.02815 223.71742 189.81686 9.61585 0.0562750 3.1653382125254
 (166624) 16.0 0.67927 203.49894 186.27237 1.76333 0.0820226 2.8557959125254
 (166625) 15.8 52.11698 276.57336 13.94972 6.26418 0.2027505 2.9663992125254
 (166626) 15.0 79.08427 253.67692 35.11088 6.38958 0.0601132 2.9113370125255
 (166627) 15.7 335.37885 64.53634 17.68401 7.62807 0.2056734 2.8078825125255
 (166628) 15.6 5.94969 174.88520 205.02993 8.05964 0.2145996 2.8453987125255
 (166629) 15.5 51.04297 258.95628 64.70622 3.00648 0.0467668 2.9125408125256
 (166630) 14.9 285.81273 253.37225 162.47976 7.78367 0.0743388 3.1719217125256
 (166631) 15.6 32.80408 304.92581 67.28262 4.23428 0.1209104 2.7851414125257
 (166632) 14.6 276.86343 63.77832 31.30394 15.48301 0.2559923 3.0864332125257
 (166633) 15.9 317.02208 267.71770 145.96246 7.92036 0.2996286 3.0517148125257
 (166634) 15.6 40.06537 127.82673 200.13527 8.71204 0.1710973 2.9093595125258
 (166635) 16.2 345.44795 250.08012 127.43014 1.33880 0.1320046 2.9660631125258
 (166636) 16.1 31.21713 323.55694 48.88604 5.01525 0.0823455 2.7792450125258
 (166637) 15.0 24.87652 266.41405 82.20888 3.71960 0.0534293 2.9043075125259
 (166638) 14.7 209.34865 13.93628 199.10369 12.59890 0.0963123 2.7391222125259
 (166639) 14.9 3.66183 7.80556 25.25791 7.97515 0.1643285 2.788952125259
 (166640) 15.1 343.87712 239.49228 152.52406 9.33602 0.0962766 2.9841878125260
 (166641) 15.4 325.90881 92.35951 325.94037 6.73608 0.1800080 2.9019313125260
 (166642) 16.0 61.22377 37.70464 276.26852 3.80357 0.1191290 2.8154871125261
 (166643) 14.8 310.56307 274.20122 150.30671 9.33147 0.0795206 2.9954292125261
 (166644) 16.0 302.81546 337.90872 67.73252 0.31140 0.1728731 3.1139965125261
 (166645) 14.7 19.49491 313.57083 24.58543 15.93258 0.0953252 3.0466098125262
 (166646) 14.3 273.86154 56.94446 40.82645 10.40622 0.2084464 3.1355108125262
 (166647) 15.2 37.71737 261.09246 93.99191 3.13431 0.0905934 2.8424004125262
 (166648) 15.3 134.90425 208.85789 54.09794 4.79784 0.0521536 2.7725817125263
 (166649) 16.2 83.92768 343.27992 316.93770 2.87177 0.0758611 2.7801529125263
 (166650) 15.4 292.49273 283.86171 173.69728 7.54225 0.1567545 2.9635897125263
 (166651) 15.3 330.44049 21.12032 55.28125 5.21775 0.0467785 2.7829814125264
 (166652) 15.3 350.22282 75.88044 338.67341 3.68144 0.0655017 2.7971206125264
 (166653) 16.4 9.08363 207.54263 173.58846 2.04698 0.0764066 2.8590483125265
 (166654) 14.9 285.98011 240.83926 190.05122 15.49183 0.0532163 3.0912806125265
 (166655) 15.4 18.56574 231.63000 138.56186 2.73868 0.0737706 2.8818262125265
 (166656) 16.0 331.87453 238.56898 134.24385 1.96664 0.1852694 3.1231770125266
 (166657) 15.9 3.06261 263.14028 73.86435 0.12310 0.1377395 3.1164682125266
 (166658) 14.7 301.50578 58.39850 29.01606 10.68277 0.1407544 2.9928154125266
 (166659) 16.1 322.17555 1.82235 60.29470 2.34170 0.0446845 2.8836246125267
 (166660) 16.2 311.15701 48.77161 20.80722 1.96511 0.0880684 2.9296205125267

(166661) 14.9 36.48029 317.38953 52.34070 15.93071 0.1509750 2.8600733125267
 (166662) 15.3 337.11885 342.52679 102.81936 4.22026 0.2379371 2.7705784125268
 (166663) 15.7 28.89553 236.74259 105.20889 1.56858 0.1757742 2.9823016125268
 (166664) 14.7 3.61915 334.34714 32.65441 10.96238 0.1150671 3.0657467125268
 (166665) 15.3 330.38470 79.25535 0.19988 8.83174 0.1151938 2.8357701125269
 (166666) 14.9 352.77472 289.11167 96.79229 4.02771 0.1420487 3.0047304125269
 (166667) 15.7 320.74300 119.01475 286.86769 9.42335 0.1408623 2.9475323125270
 (166668) 15.2 283.84704 61.59648 18.74134 2.39310 0.0689328 3.0678583125270
 (166669) 15.2 342.81517 124.16125 305.74642 8.22417 0.1368569 2.7993282125270
 (166670) 15.0 314.04020 109.36433 344.22977 7.40409 0.1812886 2.8757215125271
 (166671) 15.1 298.45467 119.65467 284.97097 3.81332 0.1420335 3.2053569125271
 (166672) 15.2 335.26192 30.95474 357.03838 7.09909 0.2120341 3.0549424125272
 (166673) 14.3 0.76659 294.40563 60.88613 13.25166 0.1266449 3.1121968125272
 (166674) 14.8 16.92772 198.47343 151.54205 10.51946 0.0922743 2.9777333125272
 (166675) 15.9 313.34826 68.87112 343.22535 4.83386 0.1992014 3.0573745125273
 (166676) 15.4 62.15794 252.62914 38.55406 0.51570 0.1009420 2.9891341125273
 (166677) 14.7 114.93421 300.68822 291.21973 3.85090 0.1082965 3.0660077125273
 (166678) 15.2 330.86762 303.30944 104.13173 8.27340 0.1498894 2.9443828125273
 (166679) 15.0 78.49808 164.67864 141.22162 14.49046 0.1736416 2.8056976125274
 (166680) 15.2 323.39707 355.12978 48.53683 19.32015 0.2755720 3.0492642125274
 (166681) 15.5 350.48927 198.24925 158.64248 10.65534 0.1070295 3.0028956125274
 (166682) 15.2 118.59188 152.59991 99.49877 3.29258 0.0437190 2.9377736125275
 (166683) 14.3 328.14023 147.71245 261.02110 10.90227 0.0536555 2.9479357125275
 (166684) 14.2 238.89680 127.93668 5.37649 27.51734 0.1306459 3.0879286125275
 (166685) 14.3 71.19491 66.42595 257.70173 8.14734 0.1253284 2.8065094125276
 (166686) 15.0 327.25121 35.43456 358.41753 13.72626 0.0623032 3.0953290125276
 (166687) 15.2 270.13738 194.22760 261.65198 5.83132 0.1384997 3.0784439125276
 (166688) 15.1 116.76028 267.85185 333.48431 9.80689 0.0671260 3.0077266125277
 (166689) 14.7 339.50285 57.74625 348.75252 9.66761 0.1126000 2.9726628125277
 (166690) 15.0 10.08673 198.96826 146.82669 8.97621 0.1374918 3.0277815125277
 (166691) 15.2 12.59259 236.49131 105.84054 17.22270 0.2397962 3.0307054125278
 (166692) 15.6 183.05716 358.97056 228.50332 12.53939 0.1150596 2.5989465125278
 (166693) 17.1 345.93684 260.32584 141.83558 1.19809 0.1532432 2.8904522125278
 (166694) 15.1 296.99182 318.51046 119.32121 12.14847 0.1250752 3.0620154125278
 (166695) 16.5 292.84232 4.59240 67.15411 23.36764 0.0606094 1.9034391125279
 (166696) 15.7 27.59697 279.66067 99.37505 8.38479 0.2344187 2.7878877125279
 (166697) 14.4 104.90310 327.60644 292.22795 13.04809 0.1222021 2.9146794125279
 (166698) 14.8 19.13587 332.20367 333.21603 16.87740 0.1915948 3.0973484125280
 (166699) 15.0 11.45971 298.85384 52.09242 11.95665 0.1158276 2.9643899125280
 (166700) 15.3 320.65145 3.43445 48.13459 11.31949 0.0957930 2.9792478125280
 (166701) 15.7 326.27025 286.74826 138.40431 8.66767 0.1692336 2.9183918125280
 (166702) 14.5 319.12940 128.56183 329.50789 15.36523 0.2736994 2.9364380125281
 (166703) 14.9 15.94536 43.67086 294.39327 12.89789 0.1534468 3.0925114125281
 (166704) 14.9 340.42196 132.37758 287.42725 14.46745 0.1524025 2.9623461125281
 (166705) 15.1 46.88892 109.71408 232.79927 11.71875 0.1690598 2.9376512125282
 (166706) 14.7 8.29006 166.31173 208.14803 7.58956 0.0700408 2.8939332125282
 (166707) 15.4 41.97125 38.85226 274.39205 13.64836 0.1878573 3.0665053125283
 (166708) 15.2 333.42757 205.21796 206.16669 7.76726 0.1226402 2.9900062125283
 (166709) 14.9 29.75554 120.28610 207.38102 16.17475 0.1093565 2.9387323125283
 (166710) 15.0 47.44928 24.89454 289.69510 9.41151 0.2252736 2.9789721125284
 (166711) 14.8 312.32772 165.52685 272.60499 9.04987 0.0756122 2.9607003125284
 (166712) 15.4 294.83935 261.93498 170.63192 15.99808 0.2522503 3.1266953125284

(166713) 15.1 349.91885 24.44760 45.89401 11.88372 0.0662898 2.7358411125285
 (166714) 14.4 9.52242 115.99295 243.30497 8.53693 0.1223703 3.0091448125285
 (166715) 14.9 7.78799 352.99396 13.90046 10.82005 0.1067211 3.0010412125285
 (166716) 15.2 28.83661 237.69590 90.09572 12.27387 0.0979218 3.0134254125286
 (166717) 15.1 340.28482 182.94231 205.92147 9.00474 0.0876127 3.0645709125286
 (166718) 15.4 63.32156 94.97958 200.48720 10.49703 0.0020759 3.0551874125286
 (166719) 15.4 157.22149 10.55803 205.12643 10.66469 0.0307493 3.1145820125287
 (166720) 14.7 302.24986 359.74805 82.12563 6.94681 0.1461832 3.0935700125287
 (166721) 15.0 328.56316 268.50839 133.47754 3.48628 0.1156245 3.0999503125287
 (166722) 15.1 297.81080 264.22342 192.72293 10.98755 0.0866731 2.9448917125288
 (166723) 14.4 310.17608 218.40705 231.10800 11.94891 0.2535349 3.1154694125288
 (166724) 15.3 284.33343 288.28903 162.49626 13.12317 0.1709272 3.1308494125289
 (166725) 15.0 298.94145 302.07898 168.90469 2.97211 0.1644406 2.9164675125289
 (166726) 15.8 341.04392 22.70625 3.41393 8.92952 0.1352709 3.0504319125289
 (166727) 14.5 269.96338 263.49013 217.09325 24.95957 0.2287424 3.0795017125290
 (166728) 15.3 43.38844 275.47727 18.45838 1.02088 0.1651445 3.0646257125290
 (166729) 15.2 357.00103 329.59404 46.79305 12.57793 0.1555854 2.9774035125290
 (166730) 16.3 13.15604 346.06860 36.43517 2.51430 0.0958218 2.8787171125291
 (166731) 15.6 294.95054 262.82019 207.12944 15.88834 0.1978732 3.0514045125291
 (166732) 14.4 341.06753 146.80970 233.58673 8.76398 0.0822380 3.0052453125292
 (166733) 15.0 37.42721 8.94398 292.66299 4.75851 0.1937034 3.0363398125292
 (166734) 15.9 22.64872 130.59680 214.78081 18.30042 0.3187875 2.9236632125292
 (166735) 14.8 313.72786 208.51082 238.11447 7.38252 0.0261108 2.9013537125293
 (166736) 16.5 57.18308 136.04919 249.96562 2.06705 0.1004147 2.6603490125293
 (166737) 15.4 336.21042 41.12767 356.47837 9.29006 0.0976650 3.0405862125293
 (166738) 14.8 336.13051 41.05842 12.67210 10.36268 0.1020409 2.9983001125294
 (166739) 15.0 11.87187 129.72005 298.22191 8.27361 0.2119273 2.7765249125294
 (166740) 14.3 333.32606 49.56193 19.24014 9.74327 0.1035610 2.9945453125294
 (166741) 15.2 49.76565 326.00527 346.95261 6.12666 0.0987687 3.0230544125295
 (166742) 15.8 62.99814 279.70223 28.61175 4.40146 0.1361834 2.9756236125295
 (166743) 15.8 342.14518 167.49631 247.43232 0.96383 0.0537910 2.9365972125296
 (166744) 14.7 222.99813 126.30097 30.18056 16.83484 0.0288439 3.0632849125296
 (166745) 15.5 12.94656 160.32405 166.32576 12.05205 0.0533628 3.1549074125296
 (166746) 15.2 111.79399 97.37158 162.23202 11.89074 0.0860462 2.9788525125296
 (166747) 15.7 305.85269 257.79050 170.34376 16.61446 0.2406205 3.1423333125297
 (166748) 16.3 62.24366 93.81580 218.12481 1.24051 0.0602525 2.8554266125297
 (166749) 15.0 317.27333 217.13104 175.71571 13.15369 0.1869858 3.1459558125297
 (166750) 16.3 291.00469 359.65126 116.62544 1.65631 0.0231624 2.7717531125297
 (166751) 15.4 76.42984 162.51718 148.37991 13.35920 0.1072703 2.8796726125298
 (166752) 15.4 6.54023 209.03628 161.99783 12.27263 0.1032106 2.9589711125298
 (166753) 15.4 325.03763 51.68543 58.27974 14.31179 0.1893820 2.7927813125298
 (166754) 15.0 332.38107 253.90732 180.74666 10.68115 0.1491841 2.9438311125299
 (166755) 15.7 335.02617 357.24738 32.73209 5.83634 0.1242698 3.1212780125299
 (166756) 14.9 279.00172 78.08147 24.54956 4.91158 0.1407109 3.0769417125299
 (166757) 15.9 45.13086 60.22221 251.61753 20.55728 0.0492699 1.9109096125299
 (166758) 15.0 89.08528 255.51410 9.63895 15.56123 0.0563423 3.1089062125300
 (166759) 14.9 220.14714 324.36703 184.76627 10.52577 0.0308230 3.0962731125300
 (166760) 15.0 10.58056 261.80498 115.36128 5.78704 0.1329537 2.9460540125301
 (166761) 14.5 66.48899 161.54515 147.77696 9.59699 0.1276269 2.9652351125301
 (166762) 15.6 20.98657 140.79918 235.42406 5.17239 0.0963895 2.9345324125301
 (166763) 15.0 285.16033 112.86828 21.09414 8.13804 0.2491682 2.9739336125302
 (166764) 14.9 355.83043 116.87590 264.79493 6.89867 0.0940998 3.0446432125302

(166765) 14.4 298.66736 16.21664 71.52268 6.29398 0.1351255 3.1401595125302
 (166766) 15.3 339.07539 251.97858 159.73964 12.59653 0.1836107 3.0193708125303
 (166767) 15.0 331.80073 0.25937 52.32083 10.09402 0.0685738 3.1112355125303
 (166768) 15.2 305.98555 98.54211 350.11624 6.33330 0.1427577 3.0753359125303
 (166769) 15.7 338.70463 0.46635 46.53445 12.95316 0.1119635 3.0323294125304
 (166770) 15.6 315.95307 74.58263 12.27955 10.51950 0.1890484 2.9898501125304
 (166771) 14.9 266.00670 153.80214 326.76584 4.39005 0.1242015 3.1058863125304
 (166772) 14.8 7.77896 308.40231 76.06063 4.23497 0.1934194 3.0129686125305
 (166773) 15.5 284.78541 268.59207 199.52824 4.48461 0.1446601 3.0493315125305
 (166774) 15.1 20.23767 318.83544 34.83516 8.31697 0.0558800 3.0331395125306
 (166775) 15.7 44.43305 113.34061 203.17627 2.56204 0.0677262 3.1158060125306
 (166776) 16.1 12.25007 326.67753 58.68215 2.72294 0.1552245 2.9584473125306
 (166777) 14.8 306.48530 209.95554 243.18592 9.04632 0.0762489 2.9686592125307
 (166778) 14.8 299.48118 200.59898 228.51428 8.63655 0.0628578 3.1736613125307
 (166779) 15.3 291.75491 19.91420 90.29790 2.67860 0.1463559 3.0714495125307
 (166780) 15.8 308.34830 35.40636 38.79286 1.34373 0.1695610 3.1585424125308
 (166781) 15.0 271.93521 60.81874 55.39056 1.71163 0.1295467 3.1844385125308
 (166782) 15.5 328.73057 278.26664 134.89591 1.78687 0.1666000 3.1374143125308
 (166783) 15.1 285.81351 45.56596 47.41249 4.16774 0.2473308 3.2361260125309
 (166784) 14.5 303.41236 30.62685 76.23684 12.03012 0.0950711 3.0503452125309
 (166785) 15.1 29.38457 198.58422 158.97674 2.01662 0.0854615 2.9704880125309
 (166786) 15.0 334.43181 275.47216 122.21404 6.10060 0.1509377 3.0854945125310
 (166787) 14.3 260.64411 120.52864 17.19318 13.95691 0.2569617 3.1579122125310
 (166788) 15.5 350.72300 328.29386 65.91898 4.28961 0.1347199 3.0204192125311
 (166789) 15.7 19.63011 324.47536 57.86426 4.57991 0.0532993 2.9004345125311
 (166790) 15.6 17.99404 186.61523 164.02598 4.90903 0.2034661 3.0523093125311
 (166791) 15.1 300.46854 53.47582 7.21022 16.66878 0.0698036 3.2196704125312
 (166792) 14.6 221.04659 70.65017 82.84918 11.80785 0.1048047 3.1845494125312
 (166793) 14.9 350.57358 177.52404 214.67875 6.85920 0.1377446 3.0634293125312
 (166794) 14.7 351.13770 313.90929 84.78823 11.46082 0.1327141 3.0348579125313
 (166795) 14.1 313.17119 2.70871 70.11069 23.57030 0.0652926 3.0855573125313
 (166796) 15.5 24.69821 239.70787 120.69463 6.12261 0.1170033 2.9320761125313
 (166797) 15.2 295.36125 6.16685 91.16953 2.23362 0.1511832 3.0999334125314
 (166798) 15.6 314.39460 271.14216 157.83683 7.84946 0.1485757 3.1228481125314
 (166799) 15.5 36.89777 160.73464 188.54227 10.05046 0.0413320 2.9599089125314
 (166800) 15.9 30.72994 203.12027 153.04059 4.29679 0.0715818 2.9462654125315
 (166801) 15.2 280.71075 290.90589 167.14478 5.14862 0.1316137 3.1112322125315
 (166802) 15.0 328.85817 303.05900 102.40703 6.36852 0.1671906 3.1585840125315
 (166803) 14.6 302.17815 245.46541 219.87785 7.96294 0.1056749 3.0401799125316
 (166804) 16.3 318.05976 152.61427 243.51830 19.28401 0.0876824 1.9150961125316
 (166805) 14.6 38.50707 269.63321 67.81930 12.17897 0.1114531 2.9762414125316
 (166806) 15.2 349.77184 320.46353 100.31236 3.20702 0.0618790 2.9764272125317
 (166807) 14.6 33.45402 134.72441 199.88644 8.95276 0.0768246 3.0829550125317
 (166808) 15.6 355.40997 282.74169 116.10365 5.84087 0.0922181 2.9947996125318
 (166809) 15.2 30.42954 353.69925 8.78931 11.66600 0.1215682 2.9771862125318
 (166810) 15.1 345.22016 286.18058 109.58053 5.91579 0.0664728 3.1019121125318
 (166811) 14.4 314.64839 213.53831 217.44060 13.14008 0.1477383 3.1459409125318
 (166812) 14.6 2.87078 134.37793 232.35344 12.94506 0.1991197 3.1348109125319
 (166813) 14.6 321.37589 211.54426 236.23407 22.71531 0.1409611 3.0660758125319
 (166814) 15.9 282.67994 275.72456 206.85232 12.34475 0.1592508 2.9949174125319
 (166815) 14.8 253.67687 102.59545 12.21854 5.52440 0.1446225 3.1653403125320
 (166816) 14.5 43.72288 65.76043 277.38192 8.34583 0.1361883 2.9691780125320

2007 OCT. 26

M.P.C. 60985

(166817) 14.7 158.02443 145.89788 60.39006 5.93527 0.1380945 3.1911055125320
(166818) 15.2 262.70712 11.66011 123.87994 2.54797 0.1624568 3.1032486125321
(166819) 14.4 22.45001 118.46242 222.07577 15.43870 0.2332724 3.0964346125321
(166820) 15.0 19.29259 173.46682 194.83761 11.64545 0.1630698 2.9785688125321
(166821) 14.8 324.62576 20.44601 39.34707 10.62921 0.0707500 3.1415798125322
(166822) 14.9 286.81067 193.45017 271.36755 10.47768 0.0043950 3.0176066125322
(166823) 14.8 200.41978 177.19115 6.55746 9.80477 0.0325978 3.0598763125322
(166824) 13.9 275.61145 153.05660 341.05139 30.14780 0.2684791 3.1293501125323
(166825) 14.6 351.73280 126.21022 280.51665 8.74714 0.0649736 2.9634360125323
(166826) 15.1 287.29127 185.76867 274.59047 8.49004 0.0965373 3.0781726125324
(166827) 15.5 338.11102 199.30619 206.70657 4.62531 0.1462338 3.1155996125324
(166828) 14.8 38.95879 93.00233 262.07000 7.52566 0.0286167 3.0116352125324
(166829) 14.6 317.52376 147.74571 259.72102 5.62127 0.1154139 3.2123254125325
(166830) 14.7 288.98468 222.92763 241.52989 10.63689 0.1237893 3.0644887125325
(166831) 15.0 14.68971 344.78537 6.99637 10.77671 0.1145279 3.0892328125325
(166832) 15.6 294.77879 72.17197 56.46731 2.32994 0.1738782 2.9638079125326
(166833) 14.8 236.79587 296.94066 236.22057 8.42628 0.1288558 3.0508527125326
(166834) 17.1 3.04650 69.43645 306.85129 18.69863 0.0679809 1.8859223125326
(166835) 14.6 310.01451 84.03396 344.97884 10.97202 0.1223780 3.0992705125327
(166836) 14.5 321.26174 10.18277 54.09885 15.34203 0.1852332 3.1581209125327
(166837) 14.8 346.51394 95.44483 301.79628 7.23826 0.1518249 3.0638206125327
(166838) 14.7 340.34573 111.43950 287.29852 9.02046 0.1045254 3.1126042125328
(166839) 16.2 340.24450 15.35138 20.85373 16.81068 0.1035004 3.0962225125328
(166840) 14.9 333.77963 46.31690 21.73910 13.31562 0.0494211 2.9899513125328
(166841) 14.4 21.38017 64.36987 306.32431 9.96088 0.0976286 2.9909620125328
(166842) 15.2 308.85332 250.72491 181.45120 8.88818 0.1686550 3.1231277125329
(166843) 16.0 327.91040 281.26569 137.10158 6.03208 0.2380097 3.0692150125329
(166844) 15.1 15.77676 348.46790 23.44912 9.21442 0.0730505 3.0398774125329
(166845) 15.3 13.87298 346.08655 24.63239 10.10852 0.1191163 3.0278453125330
(166846) 14.5 337.59651 58.97316 19.30688 26.59272 0.2465873 3.0993732125330
(166847) 15.2 334.39443 1.07130 51.84689 11.27607 0.1234320 3.0713549125330
(166848) 15.1 21.03693 171.38582 185.60845 12.00192 0.1323395 3.0835848125330
(166849) 15.1 353.75946 28.93648 339.15994 10.55754 0.1109166 3.0988954125331
(166850) 14.7 263.55202 207.99881 273.62916 11.63131 0.1118318 3.0991743125331
(166851) 14.3 43.46873 241.27686 69.70402 15.48856 0.2256787 3.1683179125331
(166852) 15.9 5.74077 15.53512 0.56163 1.30924 0.1436243 3.0467987125332
(166853) 14.7 359.61557 263.17665 114.49665 9.96017 0.1168738 3.1176879125332
(166854) 14.6 346.97123 272.90687 111.91084 10.13990 0.0826582 3.1836555125332
(166855) 16.0 342.34070 300.55916 107.58386 4.43278 0.2134073 3.0538424125333
(166856) 15.6 31.71313 120.26223 224.06657 11.03927 0.0779241 3.1086054125333
(166857) 15.4 292.51583 252.05398 203.82222 4.52960 0.1629994 3.1803925125333
(166858) 15.3 336.29789 308.26247 105.47167 9.71416 0.1392760 3.0286378125333
(166859) 15.3 4.57253 280.39319 94.94998 10.74451 0.1317425 3.0350458125334
(166860) 14.5 289.68271 197.08456 262.17016 13.37188 0.0577132 3.0371478125334
(166861) 15.1 45.54374 315.12554 355.77768 11.76470 0.0527645 3.2196627125334
(166862) 15.0 354.56025 90.19280 288.03797 5.75397 0.0610632 3.1348832125335
(166863) 14.5 261.43142 48.80352 83.63702 23.04932 0.0327961 3.1456195125335
(166864) 14.8 267.43566 315.79259 178.19466 6.20939 0.1461613 3.1735465125335
(166865) 15.2 319.62682 167.42826 268.89875 9.47644 0.0686973 3.1349703125336
(166866) 15.5 27.33518 335.54600 37.60871 9.41805 0.1036490 2.9690093125336
(166867) 14.8 278.65410 72.11252 48.42996 11.00776 0.0977673 3.1213732125336
(166868) 14.9 276.21814 53.31985 79.11259 11.80088 0.0627325 3.0054226125337

(166869) 15.3 282.40176 32.26942 87.98322 1.69403 0.1123980 3.1558677125337
(166870) 15.5 300.24077 71.22461 9.19890 6.39801 0.1022618 3.2146080125337
(166871) 14.7 20.60465 83.85284 256.02813 8.48664 0.2227921 3.1600512125338
(166872) 14.1 268.14530 224.62487 262.01655 18.60556 0.1306879 3.1940780125338
(166873) 15.5 349.42754 147.30466 264.36841 4.47502 0.0448740 3.0782237125338
(166874) 16.0 69.75865 37.79437 274.15366 17.89388 0.0461383 1.9556873125339
(166875) 15.6 329.65100 207.69771 232.46810 3.27558 0.1174549 3.0296350125339
(166876) 15.7 320.80053 357.55708 90.83713 3.60134 0.0522989 3.0346527125339
(166877) 14.3 301.80646 33.90124 68.57249 10.53341 0.0752655 3.1090647125339
(166878) 16.9 272.28548 199.18394 278.43326 17.31139 0.0642497 1.9253241125340
(166879) 15.2 355.38253 165.45312 225.01619 16.98865 0.2080043 3.0897889125340
(166880) 15.2 291.07862 41.63428 83.18901 5.10078 0.0789195 3.0717847125340
(166881) 14.9 359.99001 39.22093 9.09498 10.07509 0.1787823 3.0620600125341
(166882) 14.3 270.79035 17.52476 122.26674 16.13046 0.2199119 3.1561631125341
(166883) 15.1 301.82608 252.39133 207.06037 10.44955 0.2477750 3.1598626125341
(166884) 15.4 357.29577 308.76537 77.14159 3.16917 0.0899896 3.1481637125342
(166885) 14.9 291.75762 37.36868 69.34218 6.31197 0.0902403 3.2308123125342
(166886) 15.5 298.31403 97.13302 28.99452 14.25810 0.2298696 3.1317361125342
(166887) 14.3 285.35106 86.25466 21.36328 22.89599 0.1260346 3.2154153125343
(166888) 15.5 16.91704 157.43045 309.49879 5.55605 0.0363847 2.8004425125343
(166889) 14.4 326.87788 349.73261 88.75590 5.85185 0.1362149 3.0468652125343
(166890) 15.5 330.05305 353.76621 65.40498 6.54676 0.1329046 3.1316278125344
(166891) 14.9 18.40511 284.40121 100.76113 12.87266 0.1314732 3.0924344125344
(166892) 14.8 322.76185 348.43408 92.51156 5.89934 0.1859093 3.1566517125344
(166893) 15.2 357.79825 298.22040 109.55659 6.01164 0.0269272 3.2051054125345
(166894) 15.3 340.35886 57.72093 336.88914 2.54001 0.1467334 3.1245330125345
(166895) 14.8 13.47208 267.19226 104.61086 20.34941 0.1522290 3.1342798125345
(166896) 15.3 357.23027 245.37265 147.30658 9.85085 0.0751745 3.1376704125346
(166897) 14.9 288.62670 284.02528 226.25909 12.60991 0.2121367 3.1475201125346
(166898) 16.2 329.45151 280.78011 139.91347 23.52928 0.1285284 1.9175090125346
(166899) 14.3 65.28070 342.84452 332.91900 14.38308 0.1804608 2.9740264125346
(166900) 16.4 300.20128 298.17445 119.48013 24.04192 0.0989664 1.9528951125347
(166901) 17.0 270.69831 270.47189 190.87890 20.96176 0.1076026 1.9493081125347
(166902) 14.4 346.74136 321.58713 107.77243 21.94418 0.0871779 3.2102792125347
(166903) 15.2 308.06941 68.45370 48.45154 5.98369 0.1501529 3.1480111125348
(166904) 15.0 355.56316 24.60399 93.53623 12.64539 0.2790554 2.9323750125348
(166905) 15.4 318.47988 58.23253 31.30108 16.26096 0.2444941 3.1716903125348
(166906) 14.4 279.73147 106.59352 39.50755 20.75928 0.1475975 3.1770527125349
(166907) 17.1 129.88954 276.76566 339.27136 18.31696 0.0539365 1.9785368125349
(166908) 16.7 284.20255 96.59202 31.75878 20.69649 0.0863089 1.9363507125349
(166909) 14.7 346.64393 279.93436 136.85588 17.41439 0.1631194 3.2131313125350
(166910) 15.9 109.02247 99.10384 191.93054 22.35735 0.0399932 1.9609597125350
(166911) 15.7 295.03155 128.56507 356.47809 1.30076 0.1500568 3.2038587125351
(166912) 16.1 295.35061 74.81800 52.70692 1.67252 0.1699024 3.2265639125351
(166913) 16.6 319.29600 120.25136 302.44307 18.45401 0.0882560 1.9232923125351
(166914) 14.6 331.24427 137.74357 279.51203 12.67232 0.2059222 3.0830144125351
(166915) 16.9 302.53979 92.34573 9.85717 19.50235 0.1063517 1.9726884125352
(166916) 15.6 79.06544 66.61002 169.03807 8.01457 0.1911521 2.2865712125352
(166917) 16.7 86.55449 351.50802 241.34494 4.82019 0.1843681 2.2664315125352
(166918) 17.4 56.58881 116.30900 199.80396 2.29187 0.2085738 2.1505205125353
(166919) 18.0 86.16893 10.27793 249.38540 1.26446 0.1382544 2.2014363125353
(166920) 17.6 78.13357 289.18483 342.69378 1.83079 0.2519268 2.2381712125353

(166921)	16.9	97.36996	93.78301	161.17645	3.83777	0.1624768	2.1983865125353	(166973)	16.2	46.89307	316.16142	6.14092	3.95725	0.2120575	2.3786351125370
(166922)	16.9	123.33825	42.36641	168.45250	5.88207	0.1081530	2.2284223125354	(166974)	16.6	97.50762	6.73849	280.85377	6.30795	0.1107556	2.2953203125370
(166923)	16.8	95.43739	124.99663	134.43536	5.72745	0.1277154	2.1966607125354	(166975)	16.3	58.45315	199.44305	100.40345	2.48903	0.1877964	2.4234428125370
(166924)	18.0	152.97690	2.88333	197.44559	3.16924	0.1383584	2.1634036125354	(166976)	16.6	50.61012	220.45629	88.24734	6.68542	0.2144512	2.3955678125371
(166925)	17.2	80.66372	271.37598	9.71993	5.10254	0.2013706	2.2057908125355	(166977)	16.5	16.39196	131.85780	223.91956	11.87576	0.2335978	2.4825404125371
(166926)	17.3	116.07361	214.49007	1.00151	1.84918	0.1162051	2.2164735125355	(166978)	16.5	54.56929	193.78144	113.10622	2.97781	0.1865660	2.3777947125371
(166927)	16.7	80.19507	245.06330	60.13721	4.76773	0.2189692	2.1823459125355	(166979)	16.0	358.31504	164.34099	203.67100	14.40797	0.1725863	2.4523228125372
(166928)	17.1	119.25287	53.31765	185.10147	3.09251	0.1890214	2.2294168125356	(166980)	16.7	81.62274	155.56750	122.75603	1.06331	0.1955045	2.3552899125372
(166929)	15.2	60.77830	238.36907	51.99211	24.97235	0.2653658	2.2765898125356	(166981)	16.4	8.80633	165.13001	198.81446	8.87414	0.1600117	2.4022591125372
(166930)	16.2	70.13024	193.33895	96.15498	7.27297	0.1112718	2.2129064125356	(166982)	17.6	136.60812	82.71965	157.14895	2.29743	0.1620795	2.2732044125373
(166931)	17.1	88.88683	87.82662	176.86685	3.67087	0.1206480	2.1986791125357	(166983)	16.3	120.41996	88.26640	163.73134	7.83657	0.1636575	2.3189009125373
(166932)	17.0	105.28616	84.77887	187.11832	4.68326	0.1231197	2.1835559125357	(166984)	16.7	6.79976	142.16457	232.89154	1.69829	0.1782883	2.3849822125373
(166933)	16.4	65.03390	155.52625	142.51193	6.62108	0.1914261	2.2278019125357	(166985)	16.5	86.55424	169.30867	110.65243	4.51877	0.1611671	2.3748493125374
(166934)	16.7	106.73372	67.32656	186.54352	6.32877	0.1937686	2.2279802125357	(166986)	16.4	57.48601	283.63316	36.25455	1.81809	0.1923688	2.3798716125374
(166935)	16.7	126.78305	265.08831	330.96434	2.24779	0.1319136	2.1836662125358	(166987)	16.3	62.62241	307.35867	7.28751	2.78887	0.1444273	2.3755971125374
(166936)	16.8	66.14943	23.42074	226.10427	1.74471	0.1742298	2.3759997125358	(166988)	16.8	70.57035	247.04227	40.75775	2.03795	0.2106143	2.4201221125375
(166937)	16.7	104.58251	211.59335	41.47161	4.70692	0.1638000	2.2246392125359	(166989)	16.7	88.25684	170.05323	98.71206	3.23799	0.1544725	2.4257476125375
(166938)	17.1	89.04736	2.98451	257.80290	3.23668	0.1734159	2.2666971125359	(166990)	16.3	4.91981	261.80626	64.82433	0.99219	0.0925018	2.5753628125375
(166939)	16.5	75.23337	357.06590	258.77776	1.93049	0.1517910	2.3326394125359	(166991)	15.8	30.17312	214.12538	143.85298	5.54232	0.2234074	2.4233114125375
(166940)	16.2	56.79150	98.70946	220.53775	5.58358	0.1760029	2.2049068125359	(166992)	16.9	36.99820	197.82174	137.87941	3.07598	0.2196012	2.4130625125376
(166941)	16.0	78.95368	137.16812	163.15821	4.26590	0.1690450	2.1904198125360	(166993)	16.0	70.56676	5.92981	308.51177	5.87652	0.2094198	2.3364233125376
(166942)	16.3	82.30912	196.70370	93.92785	3.85623	0.1082759	2.2132499125360	(166994)	16.0	316.76852	255.61199	144.05107	6.08180	0.2611314	2.5323365125376
(166943)	17.5	94.91567	77.20916	189.85003	2.13449	0.2239074	2.2350241125361	(166995)	15.7	36.24377	347.44112	329.22033	8.39411	0.0722464	2.4884360125377
(166944)	16.4	57.29214	205.21450	98.81426	8.62975	0.1819152	2.2201851125361	(166996)	15.2	169.46495	234.03067	325.74307	22.53201	0.1328828	2.3924878125377
(166945)	17.1	87.47282	34.25183	229.58825	5.30053	0.1762660	2.2313228125361	(166997)	16.6	11.52379	78.47783	270.25332	1.31993	0.1411384	2.4364273125377
(166946)	17.1	177.81263	226.10415	276.00559	2.27908	0.1124485	2.2739844125361	(166998)	16.0	15.98939	26.40445	325.32331	3.83036	0.1227215	2.4065172125378
(166947)	16.2	95.94613	170.54726	105.64348	5.89058	0.1372114	2.2222571125362	(166999)	16.7	35.61492	149.40513	198.62972	4.92648	0.2149123	2.3885532125378
(166948)	17.3	92.03300	141.85398	106.61886	3.13222	0.1508209	2.2768557125362	(167000)	17.0	70.48912	105.58248	209.80261	3.75185	0.1769810	2.3496928125379
(166949)	17.0	87.93894	38.00710	266.71373	2.45508	0.2091211	2.1539977125362	(167001)	15.8	62.17159	12.34010	311.20127	6.55208	0.1282347	2.3707040125379
(166950)	17.1	75.82261	125.24436	147.06648	6.34139	0.2452651	2.3137184125363	(167002)	16.6	48.78999	136.92377	195.34470	4.47975	0.2391937	2.3440573125379
(166951)	17.0	72.79868	334.44827	291.12986	3.52992	0.2102635	2.3299106125363	(167003)	16.2	23.22902	204.94173	165.14133	6.79317	0.1371806	2.3714755125379
(166952)	17.0	89.55893	104.87503	146.29227	2.54931	0.1725167	2.3061559125363	(167004)	17.3	82.13911	92.14461	197.72355	1.59043	0.2186682	2.3383135125380
(166953)	16.6	86.02356	187.04039	81.81153	7.33411	0.1192895	2.2609129125363	(167005)	16.8	71.52666	20.28213	288.49524	1.65320	0.2113641	2.3352970125380
(166954)	15.3	14.94407	142.60629	225.56409	23.86962	0.2365515	2.4047971125364	(167006)	15.8	25.03643	159.32542	186.98291	9.30203	0.2338402	2.4288447125381
(166955)	17.1	51.45714	93.13966	227.13110	3.63938	0.2534773	2.3476470125364	(167007)	16.9	98.55315	140.21005	163.44308	2.51303	0.0543959	2.2464560125381
(166956)	16.6	97.44548	66.76797	194.46249	6.37458	0.1761791	2.3430919125364	(167008)	15.8	342.73962	95.16342	325.86077	21.34785	0.2451124	2.4345215125381
(166957)	16.2	37.01449	112.28695	195.18727	4.95259	0.1879099	2.4385249125365	(167009)	17.0	16.93404	99.04083	278.30800	0.40757	0.1961537	2.3745728125382
(166958)	16.2	67.61177	99.22041	190.25677	5.14952	0.2538377	2.3687861125365	(167010)	16.6	71.64486	99.61207	184.85734	6.03538	0.1284981	2.4284352125382
(166959)	15.8	104.09060	10.11240	248.13046	21.78402	0.1694256	2.3013945125365	(167011)	15.6	69.51367	339.53566	348.34068	6.44185	0.1583295	2.3687113125382
(166960)	16.3	46.59198	329.28301	358.60382	1.94208	0.1763802	2.3389364125366	(167012)	16.6	66.41412	51.76201	209.73280	3.45504	0.1506126	2.5470464125383
(166961)	16.6	58.02289	336.43815	325.16868	3.76954	0.1790966	2.3750521125366	(167013)	16.1	346.43809	46.42006	351.53398	6.15565	0.1125140	2.4270103125383
(166962)	17.2	38.65403	231.48261	103.38791	7.10765	0.2610533	2.3865414125366	(167014)	15.7	18.42763	257.46058	115.26923	5.31459	0.1910909	2.4308164125383
(166963)	17.4	105.33818	224.26425	40.45686	2.88702	0.2052936	2.2799484125367	(167015)	17.0	75.40334	265.76743	31.00056	3.41877	0.2940247	2.3824605125384
(166964)	16.3	65.07768	195.62393	121.12548	7.63075	0.1283725	2.3303452125367	(167016)	16.2	48.81071	75.14604	273.25772	2.77604	0.1688319	2.3603239125384
(166965)	16.2	31.21773	246.81966	104.81965	4.49142	0.2314190	2.3739836125367	(167017)	16.9	99.76002	81.43660	197.75213	4.40686	0.1602403	2.3687291125384
(166966)	16.5	41.19932	192.14040	122.43102	3.25099	0.2073205	2.4215130125367	(167018)	17.0	61.48540	251.43857	29.09933	1.76807	0.1794506	2.4425547125385
(166967)	16.1	38.65403	231.48261	103.38791	6.81773	0.1468779	2.3833070125368	(167019)	17.1	71.18860	53.91576	260.44317	1.88693	0.1752271	2.3410911125385
(166968)	16.3	60.31535	232.10663	85.84718	7.84346	0.1548409	2.3533840125368	(167020)	16.3	7.34862	47.72845	345.67853	5.10741	0.1319774	2.3628786125385
(166969)	16.8	56.77849	72.86007	254.21525	2.15913	0.2034984	2.3515574125368	(167021)	16.7	0.03280	239.15858	157.59058	6.80363	0.1231708	2.3805549125385
(166970)	16.6	28.77423	153.97167	197.60645	1.15401	0.1891856	2.3932531125369	(167022)	16.3	54.19551	102.29637	212.18258	1.94717	0.1695595	2.4160059125386
(166971)	16.4	13.08773	119.06432	259.57860	4.09529	0.2423845	2.3699679125369	(167023)	16.2	42.12150	312.45363	0.03147	2.81491	0.1628423	2.4780665125386
(166972)	16.8	34.80756	34.49711	319.85009	3.18607	0.1426884	2.3515545125369	(167024)	16.6	24.20806	221.75921	135.67817	2.91033	0.1942434	2.4100898125386

(167025) 16.7 14.05295 236.84416 96.44508 2.15599 0.1111087 2.5238121125387
 (167026) 16.9 76.24767 127.96095 161.36391 2.50930 0.2023677 2.3826600125387
 (167027) 17.1 40.21524 194.86234 146.05191 3.30390 0.2275919 2.3892716125387
 (167028) 16.4 39.63818 168.70687 154.68934 3.24968 0.0965441 2.4507834125388
 (167029) 16.0 62.51793 163.65649 154.14792 7.99607 0.1449742 2.3850912125388
 (167030) 16.2 33.16792 83.52142 245.86266 0.97801 0.1535538 2.4729214125388
 (167031) 16.9 15.93408 5.89776 23.08773 0.23101 0.2182541 2.3867015125389
 (167032) 16.3 26.65704 202.70515 162.57391 12.19689 0.2196013 2.4203206125389
 (167033) 16.6 31.28111 196.36190 158.18915 2.33625 0.1232097 2.4027587125389
 (167034) 16.5 359.14971 32.81461 6.33852 6.62128 0.1183991 2.3889244125390
 (167035) 16.7 39.77098 204.58602 116.17536 3.37507 0.2114256 2.4496799125390
 (167036) 16.4 54.83004 269.02643 43.86013 2.81224 0.1976465 2.4160643125390
 (167037) 17.3 97.08592 123.61663 144.54041 2.69282 0.1902670 2.3807334125391
 (167038) 16.9 50.52338 247.90286 73.81519 2.36208 0.2030237 2.4205110125391
 (167039) 16.1 336.86769 41.17131 6.52557 6.62881 0.0814296 2.4449044125391
 (167040) 17.0 91.15080 267.94573 13.17516 7.46932 0.2414147 2.3761048125392
 (167041) 16.1 11.54438 332.54500 62.36351 2.84026 0.2397714 2.4082966125392
 (167042) 16.6 19.82009 261.86799 91.27201 2.50061 0.1919323 2.4293835125392
 (167043) 15.9 328.37086 284.86394 134.15498 15.22240 0.1262366 2.4222600125393
 (167044) 15.9 84.27587 288.76949 350.23950 12.61935 0.2160754 2.3917199125393
 (167045) 16.0 8.07942 264.97031 135.34171 6.95206 0.1267013 2.3408978125393
 (167046) 16.0 11.68069 357.34173 31.69679 5.21996 0.2224323 2.3927772125394
 (167047) 15.8 23.57476 340.32884 54.61017 3.06096 0.2244638 2.3408865125394
 (167048) 15.9 15.34779 325.84843 41.30688 5.32230 0.1933031 2.4500116125394
 (167049) 16.3 51.93598 318.87765 356.07763 4.75109 0.2422119 2.3988022125395
 (167050) 16.3 336.26699 4.50464 38.22324 3.20925 0.2120443 2.4874283125395
 (167051) 16.1 336.87792 23.24921 34.90800 7.36844 0.1625458 2.4597972125396
 (167052) 17.1 14.00561 250.05362 119.70815 3.94170 0.1946797 2.4348236125396
 (167053) 16.6 9.19619 316.00202 81.06340 6.35264 0.1978786 2.4522013125396
 (167054) 16.7 58.82289 132.19188 204.47390 5.67053 0.1460247 2.3855544125397
 (167055) 16.6 5.42709 30.78224 349.83510 4.55865 0.2017799 2.420708125397
 (167056) 16.3 318.36264 316.80856 76.64622 3.01360 0.0807078 2.5611244125397
 (167057) 16.4 34.48114 89.53320 261.99118 4.27336 0.1769336 2.4210856125398
 (167058) 17.5 54.43442 128.65891 173.20367 2.91783 0.2376556 2.4191316125398
 (167059) 16.6 19.15641 145.47122 216.83448 1.61084 0.2221696 2.4385221125398
 (167060) 16.2 287.44123 289.79961 167.62645 2.56292 0.1812855 2.4263296125399
 (167061) 16.4 346.93055 95.23102 251.43404 1.07202 0.1156515 2.6165317125399
 (167062) 16.2 346.52389 239.21784 165.69739 4.50338 0.1737062 2.4365752125399
 (167063) 16.7 22.11926 331.10947 32.26080 2.99303 0.1955540 2.3887480125400
 (167064) 16.2 17.54005 304.61772 66.70592 5.63087 0.1673949 2.4059406125400
 (167065) 17.1 64.74838 101.13472 197.40432 4.28554 0.2033124 2.3858161125400
 (167066) 16.4 319.44402 68.44213 358.07752 12.50828 0.3328181 2.5931763125401
 (167067) 16.4 237.20089 240.14443 215.85868 2.54614 0.0657943 2.6373888125401
 (167068) 15.2 332.09264 107.47598 311.30879 7.77429 0.3855683 2.6810495125401
 (167069) 15.7 309.24981 261.28716 181.45442 22.15999 0.1221123 2.4303235125402
 (167070) 15.7 290.59522 248.28841 167.40263 5.37872 0.0900156 2.5954633125402
 (167071) 15.8 356.01178 359.95359 3.30213 12.96429 0.2640507 2.6294943125403
 (167072) 15.9 23.75617 1.01144 28.83687 8.70456 0.1758708 2.3826437125403
 (167073) 16.2 319.36884 239.77617 184.18900 3.14973 0.1687590 2.4866742125404
 (167074) 16.6 18.29559 107.22611 274.18175 5.34052 0.1321208 2.3946027125404
 (167075) 17.0 75.02014 297.07459 17.95363 2.73454 0.1897027 2.3403743125404
 (167076) 16.5 34.54088 352.71195 325.88215 12.99806 0.1464748 2.5600700125405

(167077) 16.3 352.52693 227.57259 172.89810 4.16823 0.0434407 2.4043993125405
 (167078) 16.4 56.14812 161.21793 177.20487 2.89506 0.1481806 2.3739750125405
 (167079) 15.7 329.15380 98.47880 325.44720 7.46381 0.0916117 2.4036879125406
 (167080) 16.4 355.37738 226.85283 187.09231 6.47882 0.1982082 2.3874175125406
 (167081) 15.8 10.91723 115.66480 281.54640 5.39228 0.2520826 2.3981515125406
 (167082) 15.9 325.56642 351.93447 59.52231 15.43157 0.2363422 2.6594412125407
 (167083) 17.2 351.36657 227.88714 195.31491 23.63492 0.2157496 2.4069216125407
 (167084) 16.1 50.47235 315.56428 29.78769 6.62672 0.1515793 2.4241720125407
 (167085) 16.6 282.04010 260.03245 188.83631 5.69980 0.1558173 2.6073902125408
 (167086) 16.8 67.67298 169.01690 130.39240 2.18753 0.1853750 2.4337222125408
 (167087) 16.6 28.12341 185.53422 169.77885 2.78038 0.1971975 2.4407672125408
 (167088) 16.9 52.09198 147.82293 166.98313 2.46492 0.2053790 2.4451009125409
 (167089) 17.2 92.89654 75.88053 193.19698 10.08214 0.0253098 2.5629114125409
 (167090) 16.9 36.37078 37.47298 317.52356 1.81974 0.2115709 2.4462499125409
 (167091) 16.1 52.77417 280.69477 358.90069 4.55349 0.0368500 2.7706076125410
 (167092) 15.8 346.87811 152.80030 249.24501 7.07540 0.1554352 2.4339725125410
 (167093) 15.6 124.29361 223.96220 340.43849 6.90467 0.1467317 2.6054878125410
 (167094) 16.7 63.91076 106.10011 215.28576 1.77161 0.2054227 2.4384292125410
 (167095) 15.7 310.01634 131.72674 315.17470 13.32803 0.1494706 2.5524611125411
 (167096) 16.3 55.38785 196.39980 124.88284 3.33132 0.1660567 2.4511878125411
 (167097) 16.6 13.32211 310.15079 72.93843 2.61237 0.1940001 2.4305373125411
 (167098) 16.5 293.21915 232.13646 218.64390 5.40397 0.0734905 2.4629655125412
 (167099) 16.0 335.64571 167.48401 260.29761 5.57149 0.0944181 2.4477206125412
 (167100) 16.1 245.88298 304.26101 166.14832 8.92764 0.1185011 2.5781683125413
 (167101) 17.0 17.65283 178.40509 210.25466 2.08000 0.1014014 2.3872305125413
 (167102) 16.5 45.07627 133.03522 199.08812 6.89208 0.2375364 2.4344439125413
 (167103) 16.4 276.93690 280.74102 198.84695 6.07727 0.1021226 2.4083086125414
 (167104) 16.4 42.81328 128.33719 232.33606 1.56228 0.1407932 2.3765039125414
 (167105) 16.4 24.42647 287.92920 40.97652 5.20305 0.1630787 2.5727252125414
 (167106) 15.7 354.00002 16.36216 344.86535 10.64695 0.0880821 2.5808083125415
 (167107) 16.6 354.94022 321.88127 84.93259 3.80848 0.1726068 2.4063841125415
 (167108) 16.1 314.11055 248.45472 155.44308 10.14503 0.1883896 2.6190411125415
 (167109) 16.0 82.33899 323.10798 338.20044 5.79983 0.1185711 2.4209964125416
 (167110) 17.7 21.61511 172.88092 188.38525 6.20220 0.2585146 2.4790042125416
 (167111) 15.8 82.66622 35.83982 225.37552 7.15514 0.1940100 2.5254318125416
 (167112) 17.2 144.22374 27.96941 225.88364 5.57689 0.1813396 2.3092093125416
 (167113) 16.7 45.96048 290.01213 7.35206 13.09850 0.2418543 2.5644663125417
 (167114) 17.1 9.11728 327.35857 34.34560 3.87173 0.2040884 2.5195006125417
 (167115) 15.6 83.89969 269.40227 4.06779 14.52577 0.1274286 2.5811823125417
 (167116) 16.5 5.65617 297.42879 79.75770 5.65364 0.2304699 2.4860953125418
 (167117) 17.8 44.63082 340.10054 3.67593 2.74093 0.1950341 2.4079631125418
 (167118) 16.5 342.73091 188.15653 173.39203 3.28264 0.1515368 2.6348583125419
 (167119) 16.3 8.05695 321.45852 81.21964 2.42186 0.1783189 2.3847715125419
 (167120) 16.2 337.23695 79.31538 288.00519 13.08370 0.1065431 2.6169935125419
 (167121) 16.6 309.78735 253.85227 169.19804 12.43863 0.1770466 2.5741217125419
 (167122) 16.3 85.19353 240.86071 57.02613 2.87443 0.1792824 2.3962306125420
 (167123) 17.1 75.78855 280.90144 31.76508 4.39759 0.2222113 2.3808989125420
 (167124) 16.7 347.53107 289.88902 97.02991 4.32149 0.1294427 2.5243719125420
 (167125) 17.9 3.08072 340.00233 30.36224 7.78150 0.2756810 2.5246310125421
 (167126) 15.4 262.10343 90.89924 15.01812 15.32728 0.1075620 2.7073385125421
 (167127) 16.2 324.94297 72.37503 337.95207 4.14777 0.2449603 2.6156901125421
 (167128) 16.0 11.03414 271.63974 107.29835 10.18427 0.2329841 2.4538544125422

(167129) 16.4 60.67714 115.36378 202.95432 8.32503 0.2433413 2.4358742125422
 (167130) 16.6 350.80795 169.29427 247.58769 0.47476 0.1605596 2.4390914125423
 (167131) 16.6 305.33856 190.47655 249.80104 6.07751 0.1381982 2.4740225125423
 (167132) 16.8 74.80074 166.53206 144.67009 1.50327 0.1954749 2.4332652125423
 (167133) 15.9 273.53451 258.81403 185.55236 13.47936 0.0741051 2.7088630125423
 (167134) 15.4 273.61196 120.06841 346.52712 11.35261 0.1497274 2.6513236125424
 (167135) 15.8 266.72928 125.40713 303.05599 4.64090 0.0408071 2.7589725125424
 (167136) 16.5 330.95030 80.67087 315.48397 5.91309 0.0701336 2.5894046125425
 (167137) 16.5 96.57714 269.30432 15.17653 11.08241 0.1899678 2.4052224125425
 (167138) 16.1 20.17165 173.97581 253.53127 6.02139 0.0968836 2.2975985125425
 (167139) 15.7 0.42065 41.58570 325.41238 3.31527 0.2325712 2.6235458125425
 (167140) 15.8 259.20768 274.44637 227.36444 14.15694 0.1221323 2.5408588125426
 (167141) 15.8 36.94173 118.68023 231.35145 10.86573 0.2209923 2.4324489125426
 (167142) 15.9 342.27269 27.85458 10.97296 10.31499 0.1291817 2.6130718125427
 (167143) 15.8 358.83574 4.26598 15.46570 11.10745 0.1664747 2.6064532125427
 (167144) 16.3 32.46684 299.05930 53.43357 5.91057 0.2432327 2.3920144125428
 (167145) 16.6 85.71409 96.77323 193.54763 4.74917 0.1961519 2.4240395125428
 (167146) 16.2 329.37476 234.13057 183.36733 4.84962 0.2036425 2.5799658125428
 (167147) 16.2 318.79781 14.95629 49.66591 3.52559 0.2499409 2.6198177125429
 (167148) 16.9 358.91487 75.24241 307.80815 3.80770 0.1710666 2.4511409125429
 (167149) 16.5 37.69944 116.70623 235.21098 5.56886 0.1284796 2.3646428125429
 (167150) 16.2 62.18536 193.90774 115.08122 7.70277 0.1677549 2.4187954125430
 (167151) 16.1 45.05035 201.74932 115.67374 8.11673 0.1277615 2.4865118125430
 (167152) 15.9 337.19055 10.41868 29.20469 12.40288 0.1733255 2.6121573125430
 (167153) 17.1 48.45535 112.99018 188.64476 4.09268 0.0877074 2.6690953125431
 (167154) 15.6 91.69924 76.73518 204.92092 13.81650 0.1616191 2.6006016125431
 (167155) 15.6 317.63207 14.36139 42.45718 6.92477 0.0495577 2.6999760125431
 (167156) 15.5 288.46227 62.39772 353.91108 5.83447 0.0127295 2.7345984125432
 (167157) 16.0 265.50062 103.45105 44.94256 6.53360 0.0768460 2.3870872125432
 (167158) 16.4 30.34855 153.65717 202.71988 11.88864 0.2189626 2.5231452125432
 (167159) 17.1 41.35509 133.82333 213.26388 5.83260 0.1609674 2.4292135125433
 (167160) 16.4 288.47049 178.19356 317.69110 2.66870 0.1145081 2.3495816125433
 (167161) 16.8 339.15563 243.36941 198.41771 5.45553 0.1578789 2.3757863125433
 (167162) 16.4 340.87240 194.45177 183.23910 11.04168 0.1170556 2.6196423125434
 (167163) 16.8 31.71345 135.17857 193.89540 12.61410 0.1899313 2.5455654125434
 (167164) 16.8 60.13830 300.06184 23.39097 2.99215 0.1819345 2.4415405125434
 (167165) 16.6 312.52591 85.30284 5.15717 6.78771 0.0789354 2.4118225125434
 (167166) 15.5 113.32797 39.01429 173.66093 10.33342 0.1246529 2.7097298125435
 (167167) 15.3 355.64349 145.18442 208.01104 13.61578 0.1214299 2.7087169125435
 (167168) 16.3 12.27534 169.70073 196.38335 6.05038 0.2431354 2.5553731125435
 (167169) 15.2 240.15943 285.45868 201.93133 11.78981 0.1002924 2.7058869125436
 (167170) 15.1 2.18404 150.62906 230.01938 11.87520 0.1302234 2.6429997125436
 (167171) 16.9 319.46440 304.76396 110.11260 1.97782 0.1363482 2.5758726125437
 (167172) 16.5 68.77356 215.95607 92.12935 3.63309 0.2014515 2.4424266125437
 (167173) 15.7 108.70816 59.50185 187.77301 7.41141 0.1645784 2.5922485125437
 (167174) 16.8 74.89512 277.96044 327.75036 6.34710 0.1850204 2.6342180125438
 (167175) 16.2 47.56371 269.01389 17.23056 4.04496 0.2630528 2.6037321125438
 (167176) 16.6 9.70945 267.95734 124.48485 2.91125 0.1884142 2.4434265125438
 (167177) 16.8 43.75646 220.81722 121.51633 7.38531 0.1655692 2.4730956125439
 (167178) 15.9 80.02388 291.66655 334.50057 14.21330 0.0950725 2.5526289125439
 (167179) 15.2 328.21591 82.67956 343.01231 10.54131 0.2664385 2.6415527125439
 (167180) 15.8 16.85784 124.52893 230.59961 12.48902 0.1256064 2.4652063125440

(167181) 15.9 267.57839 100.29388 351.74797 14.08395 0.0614565 2.6478816125440
 (167182) 16.4 142.38898 11.00957 230.39008 9.06579 0.1846683 2.3717508125440
 (167183) 15.3 82.89540 350.28741 293.73795 8.45926 0.0196029 2.5885379125441
 (167184) 15.6 24.17277 342.88511 319.68698 11.90486 0.1348597 2.7456282125441
 (167185) 15.7 304.76799 119.60026 335.08631 9.11553 0.1678546 2.5578960125441
 (167186) 16.7 346.97391 348.27229 74.18346 3.08794 0.1883854 2.4414358125442
 (167187) 15.3 346.74297 335.39988 64.32084 10.79066 0.1959235 2.6251625125442
 (167188) 15.1 13.47404 312.77890 54.18360 14.47655 0.1980045 2.6025290125442
 (167189) 15.4 13.12571 344.29891 18.07465 14.17115 0.2038131 2.6534072125443
 (167190) 15.6 174.41048 302.94285 248.66675 5.20590 0.1305252 2.5371587125443
 (167191) 15.0 221.25134 246.96872 277.57135 10.73482 0.2108369 2.6783703125444
 (167192) 17.5 57.53254 127.39558 200.89203 5.42461 0.1394529 2.4235906125444
 (167193) 16.0 8.54233 34.80187 335.59882 14.40024 0.1868608 2.5692144125444
 (167194) 14.2 24.11505 164.86995 223.17686 13.28183 0.2790895 2.5755900125444
 (167195) 15.5 214.27738 32.51929 108.04215 2.78205 0.2261064 2.8914505125445
 (167196) 15.5 353.12023 90.28668 281.25244 13.45010 0.1331010 2.6382511125445
 (167197) 15.5 311.53013 129.18118 312.28450 12.77244 0.1503765 2.5884426125445
 (167198) 15.6 357.66494 278.52839 107.05793 12.22577 0.0746315 2.5676391125446
 (167199) 16.5 359.09413 209.73339 150.36809 7.34069 0.2399640 2.6199749125446
 (167200) 16.5 348.97982 181.90201 208.51820 17.69540 0.2409958 2.5850403125446
 (167201) 15.6 27.18372 79.85792 228.57215 13.04724 0.1458488 2.6293778125447
 (167202) 15.5 281.03322 108.24288 359.14083 28.09580 0.1827742 2.5974326125447
 (167203) 16.0 314.46978 10.36139 48.22633 8.50001 0.0580281 2.5725905125447
 (167204) 17.2 359.73122 206.04191 150.88076 2.79631 0.0995260 2.6261020125448
 (167205) 16.4 48.39226 93.15818 203.09015 4.43042 0.0964112 2.7318615125448
 (167206) 16.8 305.10675 9.36035 105.97094 3.44028 0.1336177 2.4325803125448
 (167207) 16.3 335.55006 46.14362 355.43716 11.19254 0.1519044 2.5908461125448
 (167208) 17.2 321.33396 326.72983 78.32658 4.76722 0.1843347 2.6454959125449
 (167209) 16.1 253.69304 127.73807 317.10504 2.66655 0.0517019 2.7949693125449
 (167210) 15.9 306.84300 34.61998 37.77591 5.98916 0.1086392 2.6460327125449
 (167211) 16.8 348.46079 213.52919 186.28284 4.60368 0.2269173 2.5716933125450
 (167212) 15.4 315.98696 209.91890 205.18411 9.14200 0.2007678 2.7323923125450
 (167213) 16.5 290.42243 112.55095 336.92558 2.60227 0.1036939 2.6419981125451
 (167214) 15.4 326.81773 132.34124 291.44224 11.47737 0.1452087 2.5788285125451
 (167215) 16.5 346.22338 26.62516 3.74764 3.61888 0.2535913 2.5928810125451
 (167216) 16.0 291.42099 74.26995 28.64969 12.08460 0.1585615 2.6010797125452
 (167217) 16.5 315.07888 35.36980 68.10164 2.81536 0.1707959 2.4608193125452
 (167218) 17.0 107.72470 322.53436 301.83734 1.37001 0.1952560 2.4822446125452
 (167219) 16.6 236.35155 334.27054 204.77388 1.99626 0.1278170 2.4101190125453
 (167220) 16.0 97.31259 63.79678 197.85005 1.39703 0.1409935 2.5983641125453
 (167221) 15.7 180.37811 16.86995 189.82935 6.18780 0.1600184 2.5269754125453
 (167222) 16.2 353.45376 315.97050 56.20139 3.99324 0.1442359 2.590077125453
 (167223) 16.3 216.43114 304.88127 193.55109 3.27796 0.0400322 2.8018423125454
 (167224) 15.9 44.34984 111.36417 211.46511 10.87205 0.2081568 2.5757590125454
 (167225) 16.7 60.19279 311.26843 335.00966 7.57300 0.2370509 2.5922500125455
 (167226) 15.9 33.84907 114.95804 203.74540 5.49899 0.1374540 2.7334759125455
 (167227) 15.3 302.78016 244.59470 225.89941 21.36738 0.1187725 2.5681446125455
 (167228) 15.3 93.45362 313.65859 311.46101 8.76841 0.0911188 2.6676117125456
 (167229) 16.5 6.48060 340.23459 14.46871 1.96595 0.2180729 2.6319340125456
 (167230) 15.5 348.29140 156.01879 228.10792 5.54303 0.0067652 2.6656922125456
 (167231) 16.3 272.28415 124.32490 353.00462 12.95968 0.1197735 2.5542607125457
 (167232) 15.6 63.36829 24.14060 277.75868 12.51319 0.1483599 2.5834069125457

(167233) 15.3 264.86907 302.76507 154.81302 9.63085 0.1757993 2.7141180125457
 (167234) 16.3 333.07379 271.13438 138.53036 7.20699 0.1632306 2.5594826125457
 (167235) 15.7 4.43614 170.38140 183.81567 18.58302 0.1649123 2.6612403125458
 (167236) 16.0 279.71038 277.21769 155.65026 9.48756 0.2126785 2.7840987125458
 (167237) 16.7 2.66833 358.00148 0.15021 1.97075 0.1808964 2.6100349125458
 (167238) 16.3 32.14849 354.97508 338.22673 4.63249 0.0933681 2.5744037125459
 (167239) 16.2 280.10491 168.74214 300.22756 2.99513 0.2211067 2.6211813125459
 (167240) 17.4 342.49876 261.33405 178.90406 2.04189 0.1894289 2.4231009125459
 (167241) 16.2 286.84948 273.24720 153.17121 6.60790 0.1512905 2.7640840125459
 (167242) 16.3 96.76543 106.91598 144.82751 3.30592 0.1374694 2.6687074125460
 (167243) 16.2 97.89264 237.76243 20.70565 13.20973 0.1601945 2.5972961125460
 (167244) 16.2 296.32844 95.66496 27.48619 9.62634 0.1850326 2.4718897125460
 (167245) 16.4 293.49372 111.67472 309.48833 1.71963 0.0544553 2.6678069125461
 (167246) 15.8 297.09766 219.15972 204.16236 2.37419 0.0918361 2.6808229125461
 (167247) 16.4 43.25192 274.82785 41.22406 3.00786 0.0856860 2.6355016125461
 (167248) 15.7 28.39569 147.53417 197.94127 16.69170 0.2370323 2.5890168125462
 (167249) 16.0 287.33656 253.53332 195.68310 14.96436 0.2170911 2.7820486125462
 (167250) 15.7 332.91734 198.25382 198.31952 14.47848 0.1305768 2.7309663125462
 (167251) 17.2 275.86594 228.73443 246.55848 0.87158 0.0797988 2.5301208125463
 (167252) 15.8 238.02875 248.45433 245.13518 4.13480 0.0619870 2.7137244125463
 (167253) 15.7 87.69100 246.21029 34.16370 6.00030 0.1933151 2.5868914125463
 (167254) 15.2 356.25072 290.57645 67.88373 15.36627 0.1228272 2.6901349125464
 (167255) 15.4 340.47947 1.84606 17.53282 9.09606 0.1576249 2.6787525125464
 (167256) 16.6 18.77498 150.55916 206.44548 7.29693 0.2053980 2.5602387125464
 (167257) 15.5 175.34515 215.99657 316.24586 4.31996 0.0524327 2.7216479125465
 (167258) 15.9 69.86472 245.58681 26.56199 5.16460 0.0751263 2.7204966125465
 (167259) 16.1 305.42736 80.50033 356.86789 14.39766 0.1044065 2.6486082125465
 (167260) 17.0 46.92717 52.23166 260.82028 0.95891 0.1324022 2.6082538125466
 (167261) 15.7 347.02775 265.57737 120.40205 14.31838 0.1773263 2.6649343125466
 (167262) 16.0 50.55772 263.95530 41.49642 14.02808 0.2050283 2.6351623125466
 (167263) 16.9 18.62634 305.79403 43.91199 4.57214 0.1952285 2.5801859125467
 (167264) 16.6 235.42281 8.77449 147.62857 1.15994 0.1432737 2.6148320125467
 (167265) 15.5 85.30789 0.41023 269.16033 13.94065 0.1560651 2.6031830125467
 (167266) 15.6 294.83475 179.39687 264.30425 9.49156 0.0684717 2.6310863125467
 (167267) 14.8 80.89188 287.37582 18.15259 14.98640 0.1327093 2.5436595125468
 (167268) 16.7 50.03533 264.72016 26.01902 1.96517 0.2995264 2.5927071125468
 (167269) 16.0 292.99044 106.19916 359.44542 7.46309 0.1533991 2.6035700125468
 (167270) 16.5 288.84921 276.59396 190.38172 8.47580 0.2636271 2.6913886125469
 (167271) 15.9 289.79941 270.98363 191.23631 11.16849 0.1546088 2.6664816125469
 (167272) 16.1 338.83651 94.18622 336.89096 2.65165 0.2055699 2.5483611125469
 (167273) 15.6 330.42888 239.49433 173.34059 9.25503 0.0611445 2.6331848125470
 (167274) 15.4 73.97091 256.77143 37.70486 14.93079 0.1353693 2.6135931125470
 (167275) 16.3 44.17254 137.20904 187.86600 3.06792 0.1275821 2.6153717125471
 (167276) 15.0 309.08141 207.79432 225.03521 15.67080 0.1251315 2.6738428125471
 (167277) 16.6 9.79129 186.45946 189.08326 4.19712 0.1700508 2.5383576125471
 (167278) 15.9 3.46088 149.38283 176.73775 4.66227 0.0988390 2.7898510125472
 (167279) 16.7 4.41486 146.07821 214.09495 1.65887 0.0928810 2.6528369125472
 (167280) 16.5 11.11471 351.33378 20.33875 4.28413 0.1990653 2.5901183125472
 (167281) 15.7 306.49418 216.83202 234.69701 12.11222 0.1294987 2.6052207125473
 (167282) 16.0 337.51631 172.74447 238.72349 1.56728 0.1061166 2.6006748125473
 (167283) 15.2 222.36767 124.08818 31.06502 11.99409 0.1157066 2.7047463125474
 (167284) 16.1 246.79276 176.23586 320.09253 1.10898 0.0941627 2.5417479125474

(167285) 15.3 71.80558 240.82257 57.01016 12.78565 0.0928030 2.6197611125474
 (167286) 16.1 8.91126 10.98378 340.06608 6.22680 0.0785737 2.6639020125475
 (167287) 15.8 282.47595 3.77183 98.74655 5.51242 0.1597057 2.6622911125475
 (167288) 15.6 317.41443 309.36825 103.88123 3.27767 0.0652945 2.6805266125475
 (167289) 15.9 301.12069 280.72815 145.32085 2.55189 0.0965970 2.7394408125476
 (167290) 16.0 258.98430 177.52937 286.80958 0.69607 0.0269682 2.6955479125476
 (167291) 16.6 332.39335 358.00123 86.85704 2.52472 0.1481705 2.4534850125476
 (167292) 16.9 39.53629 148.14337 185.33681 1.89929 0.1253556 2.5505245125476
 (167293) 15.8 41.91114 302.07734 31.93801 8.00760 0.2018080 2.5890945125477
 (167294) 16.0 310.86260 206.73077 237.41010 4.65091 0.1599234 2.6056970125477
 (167295) 16.2 91.14656 257.69125 2.41443 4.16767 0.0297189 2.7631374125478
 (167296) 16.6 322.15820 50.00486 31.90173 4.60207 0.2325762 2.5851645125478
 (167297) 15.8 46.68524 267.53775 40.67937 13.21996 0.1149273 2.7219453125478
 (167298) 15.5 297.11650 33.79498 43.23709 8.34064 0.0636634 2.7398581125479
 (167299) 16.7 316.83346 248.80338 171.28845 5.29194 0.1585988 2.6314738125479
 (167300) 16.7 26.36654 24.72886 346.51548 5.04798 0.0582806 2.4450739125479
 (167301) 16.6 301.98798 269.08134 223.92240 11.04476 0.1973945 2.4139926125479
 (167302) 15.9 237.06091 295.16188 183.85171 5.62967 0.0242643 2.7568411125480
 (167303) 15.3 269.82224 70.01136 35.33854 14.10668 0.0142336 2.6992971125480
 (167304) 15.7 15.72317 19.43795 349.23083 4.73171 0.1798577 2.6034292125480
 (167305) 15.4 126.22482 339.21530 287.44142 3.83254 0.0645685 2.5230946125481
 (167306) 15.6 77.60460 280.16409 3.40463 5.65939 0.0307030 2.7470167125481
 (167307) 17.3 325.33104 47.39886 24.63389 3.06769 0.0919160 2.5298994125481
 (167308) 15.7 254.38393 105.86195 24.82138 12.26161 0.0438996 2.6350458125482
 (167309) 16.5 32.37682 74.50941 246.94785 4.01669 0.2134700 2.7018595125482
 (167310) 16.0 190.49537 308.33872 235.08784 4.88958 0.1073075 2.5966046125482
 (167311) 16.1 91.98549 267.14785 23.57693 3.12335 0.0318604 2.5597662125483
 (167312) 16.7 97.32565 52.75614 221.51129 4.90577 0.0635342 2.6018681125483
 (167313) 16.9 31.51122 91.13674 255.47659 3.71205 0.2932339 2.5476582125483
 (167314) 15.5 309.10843 241.75627 221.23943 12.29704 0.2386732 2.6097107125484
 (167315) 15.9 43.09894 118.11023 211.72734 8.61640 0.1409234 2.6094347125484
 (167316) 16.9 21.25663 271.98923 89.87548 2.94363 0.2047219 2.5760496125485
 (167317) 15.4 71.92216 230.36821 59.61335 14.72736 0.1788420 2.6408966125485
 (167318) 15.5 258.24995 68.16299 48.66415 6.28461 0.0238216 2.7555469125485
 (167319) 15.9 277.24087 271.47014 183.45793 5.92082 0.0870603 2.7168434125486
 (167320) 15.9 62.64912 158.45261 166.60872 4.50114 0.0816428 2.5697565125486
 (167321) 15.3 100.34515 23.16535 257.49326 5.34385 0.1447940 2.5818729125486
 (167322) 15.8 3.67229 190.77995 212.02155 5.87174 0.2046198 2.5580280125487
 (167323) 15.9 270.58470 280.78843 175.11226 11.90618 0.1400200 2.6976256125487
 (167324) 15.8 40.19167 230.17406 63.71826 13.40628 0.1190484 2.7228114125487
 (167325) 16.6 20.35375 205.60482 159.63988 4.65791 0.1937862 2.5511335125488
 (167326) 14.9 12.06207 281.39954 50.13054 12.96262 0.1729686 2.6420318125488
 (167327) 15.6 347.08738 146.34400 233.82009 8.35574 0.0972868 2.7181626125488
 (167328) 15.8 138.46065 66.52746 158.97622 9.10530 0.1384865 2.5866315125489
 (167329) 15.9 246.86999 259.06189 250.33093 3.26615 0.0381808 2.5473507125489
 (167330) 15.2 135.17981 301.51155 281.01264 4.80667 0.0303187 2.7362130125489
 (167331) 15.5 257.48231 106.23292 30.33719 13.58645 0.1138517 2.6420318125490
 (167332) 16.4 339.13427 333.43597 100.11132 6.06644 0.2609779 2.5477227125490
 (167333) 15.4 50.22674 307.25112 91.02794 7.90400 0.2060316 2.3394808125490
 (167334) 15.7 56.12958 261.34348 49.62360 9.08973 0.1204325 2.6654442125491
 (167335) 16.5 345.13596 245.85014 158.35987 6.23527 0.1608635 2.5915057125491
 (167336) 17.0 41.25855 281.92113 37.52330 1.94467 0.2008402 2.5744127125492

(167337) 17.0 122.83684 284.00267 329.38911 2.52277 0.0537762 2.6509160125492
 (167338) 17.3 21.62782 139.95923 179.18699 2.12877 0.2034072 2.6643445125492
 (167339) 16.3 227.53230 149.76491 0.09946 2.12715 0.0347989 2.6152828125492
 (167340) 16.1 24.10996 253.08124 87.59793 13.73306 0.1688526 2.5846691125493
 (167341) 15.8 21.29101 14.94793 337.99962 5.18206 0.0210920 2.7506894125493
 (167342) 16.0 48.85632 267.84732 39.62253 12.87322 0.1233687 2.6582108125493
 (167343) 16.6 32.85154 109.36687 256.10168 1.40591 0.0752504 2.5447562125494
 (167344) 15.4 330.41196 196.26210 209.66602 14.81723 0.2039703 2.7249229125494
 (167345) 15.7 280.77652 148.25391 351.99497 7.59165 0.1428295 2.5597585125494
 (167346) 16.6 148.71273 31.86594 221.27542 1.97812 0.1615357 2.4445467125495
 (167347) 15.6 19.04319 286.65049 77.70132 5.65762 0.2287574 2.5887027125495
 (167348) 15.3 71.44476 270.90312 21.91049 11.53803 0.1923620 2.6387317125495
 (167349) 15.6 160.37351 203.53579 7.52294 9.01252 0.0436484 2.7260887125496
 (167350) 14.9 84.23209 1.24579 285.08303 11.16276 0.2225447 2.6032336125496
 (167351) 16.4 46.64276 261.19868 57.24115 4.05080 0.2378412 2.5722976125496
 (167352) 16.0 322.96499 226.42601 206.11772 13.27299 0.2467437 2.6688260125497
 (167353) 16.1 13.39778 28.29020 340.67112 3.45703 0.0710984 2.6164289125497
 (167354) 15.8 302.91148 122.43007 319.81780 2.66476 0.0554728 2.6452126125497
 (167355) 15.8 78.99166 18.67666 264.76569 3.33228 0.0444074 2.6623515125498
 (167356) 15.7 42.14713 322.71720 359.68538 5.57390 0.0231199 2.6955420125498
 (167357) 16.5 272.88774 135.74605 335.57252 1.80540 0.0426933 2.6966135125498
 (167358) 15.4 286.45159 201.17328 248.17661 14.21596 0.0851257 2.7514205125498
 (167359) 15.8 12.11459 94.63285 277.98398 10.03792 0.0154104 2.6515753125499
 (167360) 15.7 292.44629 81.98082 18.56096 4.07353 0.0469546 2.6667052125499
 (167361) 16.0 13.58906 124.41631 233.20230 3.89999 0.1282718 2.6813484125499
 (167362) 15.6 292.62973 115.53004 346.77205 3.27441 0.0410428 2.6428308125500
 (167363) 15.7 279.64463 5.81866 81.06359 6.42617 0.0221122 2.7410042125500
 (167364) 15.3 256.98058 128.34022 301.00231 8.44416 0.0049602 3.0702960125501
 (167365) 16.5 72.00796 8.77090 291.13449 1.47913 0.0741676 2.6149422125501
 (167366) 16.0 105.73191 356.46898 264.25620 11.70967 0.1059476 2.6282928125501
 (167367) 16.3 110.24251 261.22042 342.26623 4.98206 0.0325446 2.7828472125501
 (167368) 16.1 4.51091 124.67770 246.36796 2.34624 0.0670855 2.6784988125502
 (167369) 16.5 200.18169 338.76478 218.09005 1.79291 0.0090029 2.5977679125502
 (167370) 16.1 30.81161 349.74756 9.03172 0.78420 0.1544968 2.5643065125502
 (167371) 16.0 42.51019 44.87246 279.89024 0.90962 0.1304273 2.6806199125502
 (167372) 16.2 299.68835 224.24961 178.34923 1.98058 0.0790316 2.9009619125503
 (167373) 15.6 239.03416 324.71332 150.44722 0.16617 0.0897459 2.9218213125503
 (167374) 15.5 356.44821 321.71719 70.43709 7.85481 0.1895999 2.6031807125503
 (167375) 15.9 359.85112 26.29710 342.19276 9.12850 0.1718532 2.7184481125504
 (167376) 16.1 1.96094 334.34993 42.99161 4.04946 0.1385452 2.6571677125504
 (167377) 16.3 348.89029 356.73428 45.88425 3.21700 0.1384583 2.6236561125505
 (167378) 15.4 313.99492 357.66829 54.12384 5.97885 0.0215588 2.8050059125505
 (167379) 15.4 343.47350 159.59990 246.73088 7.93134 0.0898587 2.6461534125505
 (167380) 16.4 289.33480 46.43116 61.81478 3.84334 0.1419258 2.6821065125506
 (167381) 16.0 76.55745 297.37581 13.69820 4.63095 0.1607062 2.5861770125506
 (167382) 16.5 29.36289 690.57041 50.77113 12.56566 0.2683545 2.6101494125506
 (167383) 14.8 36.52046 6.21111 346.92143 5.01977 0.2186746 2.5946755125506
 (167384) 15.3 70.59684 254.94083 44.12549 11.91166 0.1999299 2.6545366125507
 (167385) 16.8 331.75210 36.48663 18.67727 4.12171 0.2266139 2.6350263125507
 (167386) 16.1 40.69836 2.49085 325.52095 2.31942 0.2139204 2.6048387125508
 (167387) 15.4 116.39633 274.87097 291.94048 3.86100 0.0492752 3.0763922125508
 (167388) 14.8 257.62947 49.67179 85.98495 16.31574 0.1136936 2.7057865125508

(167389) 16.0 278.26257 242.89016 231.09305 13.30490 0.0312789 2.6809228125509
 (167390) 16.1 7.24221 322.20141 40.05029 0.86558 0.1131191 2.6524934125509
 (167391) 15.9 266.45036 357.48207 147.37783 4.69105 0.1900929 2.6218908125509
 (167392) 16.8 342.24992 14.87748 14.15753 3.21379 0.1413640 2.6717955125510
 (167393) 15.9 350.20554 325.00903 74.44043 3.46314 0.0773096 2.6414559125510
 (167394) 15.7 75.61719 71.36539 215.50614 3.77946 0.1821890 2.6590579125510
 (167395) 14.8 114.34680 195.66763 63.97809 13.08326 0.1586214 2.6449537125511
 (167396) 14.9 241.93802 129.70039 327.60725 5.07868 0.0914790 3.0038529125511
 (167397) 15.0 126.08829 304.09448 271.84983 6.53469 0.1126298 3.0610658125511
 (167398) 15.8 45.54753 162.40465 174.20722 13.08795 0.1222335 2.5702482125512
 (167399) 16.0 65.02915 225.81623 79.51603 2.32647 0.0670306 2.6719384125512
 (167400) 16.0 275.57664 249.36984 201.59189 3.38943 0.0683731 2.7701019125512
 (167401) 16.2 0.78419 317.33448 36.89969 4.44541 0.1115059 2.7829676125513
 (167402) 14.9 83.12029 40.69593 264.62266 12.20793 0.1707016 2.5663086125513
 (167403) 16.3 31.93217 61.38083 283.77061 3.38403 0.1805804 2.6334114125513
 (167404) 16.1 31.44544 306.93830 32.74622 4.71121 0.2515641 2.6229062125513
 (167405) 16.0 342.76619 18.69364 18.10131 4.18546 0.1943512 2.6889168125514
 (167406) 15.7 25.00191 25.66321 337.09986 4.04737 0.2112505 2.5951438125514
 (167407) 14.8 250.15584 113.03279 51.31171 7.92144 0.1651260 2.6888766125515
 (167408) 15.5 2.47629 107.61336 289.67980 10.95855 0.0643532 2.6679124125515
 (167409) 16.2 356.88205 18.53984 34.84652 6.53264 0.2510745 2.5881651125515
 (167410) 15.5 355.14700 315.18757 70.53945 10.25146 0.1898727 2.7320517125516
 (167411) 15.7 4.73552 330.34969 34.66304 6.79828 0.0492426 2.7195332125516
 (167412) 16.4 306.60015 64.42806 3.60450 2.23739 0.1636608 2.7637750125516
 (167413) 16.2 47.78426 98.24289 236.37595 2.73279 0.2219439 2.5699592125516
 (167414) 15.5 318.13240 1.86066 59.26835 10.39283 0.1377316 2.7135806125517
 (167415) 16.0 22.14706 120.03444 239.65949 2.00977 0.1771299 2.6248999125517
 (167416) 16.0 351.71754 109.13403 284.53169 1.73453 0.1713853 2.6535635125517
 (167417) 14.7 357.32425 318.09721 71.06669 14.69761 0.1732639 2.6727566125518
 (167418) 15.2 31.95068 282.65703 76.69157 14.13422 0.1973943 2.6317509125518
 (167419) 15.9 28.68095 144.42297 233.14790 1.95910 0.2117174 2.5707815125518
 (167420) 16.3 16.58813 12.22906 347.84292 2.17015 0.0936836 2.6046639125519
 (167421) 16.1 40.55170 342.21252 350.66372 3.48774 0.0872140 2.6620840125519
 (167422) 15.9 23.33353 272.27857 94.58526 15.80358 0.1729721 2.5346041125519
 (167423) 16.3 309.83928 263.64941 157.22132 12.60593 0.1449214 2.7135700125520
 (167424) 16.0 357.72136 207.84602 162.10358 5.62266 0.1340828 2.7113957125520
 (167425) 15.9 32.14247 162.60595 170.27028 13.24227 0.1951006 2.6328756125520
 (167426) 16.5 29.86801 136.23028 204.29191 11.46147 0.2134354 2.6180195125520
 (167427) 16.1 288.72028 281.93592 200.86952 10.32495 0.0816109 2.5788392125521
 (167428) 15.9 13.59354 196.47422 179.66880 8.41654 0.0767185 2.6167429125521
 (167429) 15.9 355.91779 280.34926 86.41290 13.97439 0.1688896 2.6569602125521
 (167430) 16.1 190.24632 130.40793 73.38265 2.81676 0.1637087 2.7109239125522
 (167431) 16.2 339.84258 211.78821 171.96121 2.12630 0.0599396 2.7513249125522
 (167432) 16.7 47.67564 221.62228 84.15214 3.02348 0.0594498 2.8612600125522
 (167433) 15.7 324.76412 260.25243 175.67288 14.80112 0.1199035 2.6296238125522
 (167434) 16.1 319.95581 282.69436 182.50163 12.37494 0.1820874 2.5509862125523
 (167435) 15.9 269.03004 291.41547 158.19976 7.05143 0.0831792 2.8371024125523
 (167436) 16.0 71.69174 257.05372 17.90217 2.07067 0.0272299 2.8664213125523
 (167437) 16.4 290.32960 80.85339 12.61054 7.45706 0.1936848 2.7604738125523
 (167438) 15.3 279.00917 297.08648 162.02976 21.66596 0.1006621 2.6716232125524
 (167439) 15.9 190.36753 13.59235 163.36926 4.13635 0.0218525 2.7615805125524
 (167440) 15.2 29.47579 261.60548 109.23355 6.40673 0.2581427 2.5814864125524

(167441)	15.3	349.47681	338.31109	42.30280	15.23532	0.1262917	2.7604375125525	(167493)	15.7	316.72450	277.56243	211.47774	3.63985	0.2186164	2.5857449125541
(167442)	14.9	2.55857	94.11075	284.27439	13.50399	0.0099699	2.7722776125525	(167494)	16.0	228.78194	250.47028	279.81630	2.56358	0.1340445	2.6819709125542
(167443)	15.7	340.33613	54.61749	2.88609	14.68912	0.1317690	2.7246894125525	(167495)	15.4	308.33461	12.07539	65.43648	8.72830	0.1115735	2.7044252125542
(167444)	15.3	325.66427	206.37939	244.99007	21.57327	0.0835645	2.5737134125525	(167496)	14.9	14.48237	97.17100	262.43404	16.01118	0.1719538	2.7219107125542
(167445)	16.3	320.42516	231.33823	199.26147	5.27838	0.1559558	2.6933960125526	(167497)	15.4	54.75353	173.02561	168.49464	3.49548	0.1555635	2.5797378125543
(167446)	15.5	7.11848	336.70289	50.01061	12.92593	0.0624337	2.6747318125526	(167498)	15.1	11.49372	278.36906	99.34263	17.58274	0.2227183	2.6291430125543
(167447)	14.8	22.64224	48.92885	317.14053	12.65731	0.1629931	2.5961040125526	(167499)	15.2	15.24390	282.13360	98.87783	10.10402	0.1779018	2.7578928125543
(167448)	16.2	336.71357	66.79283	354.46602	12.00910	0.1230134	2.6284215125527	(167500)	14.9	49.32978	232.35858	104.25988	15.52060	0.1975231	2.8048975125543
(167449)	15.3	336.56756	45.28271	23.03289	12.26836	0.2424580	2.6233694125527	(167501)	15.2	294.62946	154.09321	322.63357	4.13705	0.1163130	2.7782426125544
(167450)	15.9	330.64550	95.86907	342.69094	11.21423	0.1589378	2.6156621125527	(167502)	15.8	351.66081	272.26924	90.26126	15.92053	0.2488663	2.7187339125544
(167451)	16.3	325.79442	112.80345	323.95641	13.17824	0.2881354	2.6650374125528	(167503)	15.6	125.49756	272.95713	350.13352	1.36962	0.0330641	2.7444107125544
(167452)	15.4	218.70580	99.93101	42.45877	1.28777	0.1049987	3.1328216125528	(167504)	16.1	41.06045	226.03563	123.04760	2.24338	0.1833827	2.5934927125545
(167453)	16.3	271.92173	293.86870	225.29112	13.22658	0.1611008	2.5396880125528	(167505)	14.2	183.63453	270.21776	297.10283	20.60286	0.1317059	3.1202848125545
(167454)	15.3	294.45488	34.40428	52.86456	12.75111	0.1906593	2.8976906125528	(167506)	15.3	333.33915	155.52644	296.38617	7.50975	0.3441470	2.7029405125545
(167455)	15.6	329.06232	53.74081	36.99376	13.07381	0.1251617	2.5699282125529	(167507)	16.3	315.49723	223.01761	223.33454	6.22755	0.2635265	2.6851008125546
(167456)	14.7	221.90737	254.07841	293.06258	13.89783	0.1447280	2.9742583125529	(167508)	15.6	334.12725	22.68786	22.83698	6.38626	0.0689708	2.7869117125546
(167457)	15.2	237.38624	131.76469	341.55965	15.85758	0.0713224	3.1354105125529	(167509)	15.3	33.12938	332.78442	109.84185	15.74691	0.0696920	2.5243920125546
(167458)	14.9	228.38821	114.82922	75.27548	13.06769	0.1509119	2.6425190125530	(167510)	15.9	285.51777	263.95674	199.53078	13.91758	0.1733332	2.7384616125547
(167459)	15.1	33.65879	49.70736	314.07403	12.77578	0.0963558	2.7162112125530	(167511)	14.3	261.19017	140.99034	324.01069	13.24935	0.0265865	3.0449211125547
(167460)	14.3	300.69964	9.38588	81.90309	32.07350	0.2004988	2.7541575125530	(167512)	15.7	1.33820	58.41891	303.43914	4.48129	0.1297571	2.7722751125547
(167461)	15.2	304.72618	9.95805	72.85834	11.71028	0.1097416	2.8922339125531	(167513)	14.9	304.97112	92.14629	340.04334	10.79421	0.0383669	3.0185284125548
(167462)	16.1	340.15492	99.07685	307.02868	3.43615	0.1125819	2.8124710125531	(167514)	15.2	294.21759	89.63868	37.18756	10.30675	0.0152346	2.6582372125548
(167463)	16.2	336.38314	354.18453	48.16009	2.27350	0.2365508	2.8046833125531	(167515)	15.0	62.02885	330.72127	336.24413	10.02544	0.0484681	3.0360243125548
(167464)	16.5	90.08692	284.05345	85.24324	5.68779	0.1191013	2.4342546125532	(167516)	15.7	348.41682	304.20198	119.47225	10.61354	0.2482461	2.7169560125549
(167465)	15.9	44.71690	332.13002	0.60795	2.53912	0.0315742	2.9821794125532	(167517)	15.4	359.48945	74.35024	320.65161	11.23709	0.1268004	2.6455267125549
(167466)	15.1	333.98123	138.75606	293.88651	11.78203	0.1472271	2.6532735125532	(167518)	15.3	209.48073	72.32778	81.77161	2.65665	0.1126832	3.1409271125549
(167467)	14.5	257.06446	214.56680	276.04728	8.27341	0.0376948	2.9074362125533	(167519)	14.6	210.62635	198.07454	310.26966	9.59655	0.0397236	3.0808542125550
(167468)	15.1	70.64893	228.63290	79.67474	15.70936	0.0794726	2.7282257125533	(167520)	15.2	304.50815	71.39392	19.97968	8.35415	0.1790939	2.7696018125550
(167469)	15.8	9.19427	185.00863	194.12333	8.14624	0.2387003	2.5813992125533	(167521)	15.9	259.43425	186.67769	311.12329	13.77033	0.1282445	2.7236931125550
(167470)	15.9	27.68804	331.55967	25.43229	3.60749	0.1017298	2.6930454125534	(167522)	15.4	168.08537	191.49459	27.26902	14.94560	0.1001877	2.7671475125551
(167471)	15.7	182.42506	112.59670	90.25455	1.22897	0.0559880	2.9785346125534	(167523)	15.4	26.77938	284.25627	62.73173	8.18815	0.2183939	2.7876736125551
(167472)	16.7	19.88747	43.79382	324.84992	1.05948	0.2412929	2.7329470125534	(167524)	15.6	266.81194	106.53175	43.88838	13.89344	0.0927303	2.7770849125551
(167473)	15.5	340.91148	290.18055	108.41000	15.87759	0.2849011	2.7604435125535	(167525)	15.0	344.89267	335.22366	70.84049	17.68310	0.0538011	2.8507546125551
(167474)	15.3	19.42316	96.66959	272.97300	3.52286	0.1657481	2.7732325125535	(167526)	15.6	240.38976	122.06091	46.66647	8.59346	0.0245038	2.7255444125552
(167475)	14.8	47.20992	47.07677	288.97365	10.66613	0.0015310	2.9580581125535	(167527)	15.3	30.17924	329.27293	51.39760	14.20823	0.1927743	2.6698463125552
(167476)	16.0	325.39412	27.41850	41.92672	4.14509	0.1695874	2.7245616125536	(167528)	14.9	12.80258	17.00383	38.38153	13.91204	0.1432425	2.6002806125552
(167477)	15.0	286.41793	357.69969	79.97144	3.06556	0.1397283	2.9799977125536	(167529)	14.1	343.66056	15.27235	354.80268	17.64660	0.1462895	3.1201456125553
(167478)	15.4	305.71515	320.44186	117.87543	11.16381	0.0648419	2.9897074125536	(167530)	14.7	355.84109	3.33800	13.33363	12.55572	0.0448330	3.0220808125553
(167479)	15.8	2.34044	111.56508	254.87686	3.83867	0.1260809	2.7344518125537	(167531)	15.4	231.52559	136.99612	14.25954	1.08168	0.1629498	3.0426842125553
(167480)	16.3	318.52717	198.08755	242.13175	3.01631	0.2015445	2.6632549125537	(167532)	15.3	31.72332	358.51818	356.34368	13.96502	0.1994782	2.7137626125554
(167481)	15.4	34.14311	77.27988	264.32604	13.74923	0.1931686	2.7079234125537	(167533)	15.9	306.73526	61.88715	26.16164	7.12143	0.1504440	2.7044758125554
(167482)	14.5	184.43233	126.46038	89.11464	13.70185	0.1052156	2.7602045125538	(167534)	15.4	3.45817	218.55906	121.57640	9.17193	0.2382239	2.8074837125554
(167483)	15.7	326.28614	191.07292	238.70956	3.12266	0.1859494	2.7100464125538	(167535)	14.8	188.83305	159.30700	64.17050	16.52615	0.1289757	2.6956106125555
(167484)	15.1	355.01012	276.96311	113.52351	12.87817	0.1356401	2.7758826125538	(167536)	15.7	321.81893	78.50292	333.87873	6.33482	0.1578798	2.8602070125555
(167485)	15.6	357.05532	272.93353	101.50807	13.73167	0.2325828	2.7743309125539	(167537)	15.8	311.79590	251.19569	220.62614	8.37002	0.1620426	2.7170099125555
(167486)	15.8	263.08726	240.85968	271.54750	6.35385	0.1219492	2.7661561125539	(167538)	15.3	228.84916	52.61869	103.27508	1.82515	0.1551948	3.0723406125555
(167487)	15.7	336.10880	141.94878	291.44319	7.25866	0.1271219	2.7470313125539	(167539)	15.2	190.36153	80.80823	122.62775	6.16661	0.1677611	3.0489874125556
(167488)	14.7	322.06519	319.05830	116.80157	15.48417	0.2338270	2.7557022125540	(167540)	15.8	61.21881	352.76279	325.80094	3.32146	0.0519750	2.9760149125556
(167489)	15.7	355.95780	16.44537	4.30761	1.86210	0.2182552	2.6660094125540	(167541)	15.2	239.00209	318.98328	174.72212	6.17484	0.1332244	3.1123181125556
(167490)	15.7	24.55028	313.31892	59.33180	2.52485	0.1137099	2.6199463125540	(167542)	15.9	7.13125	262.31027	106.80850	4.24960	0.0756940	2.9519991125557
(167491)	15.7	353.93412	88.29438	288.72384	12.28224	0.1725324	2.7843715125541	(167543)	14.6	352.01798	257.26695	182.65180	21.21883	0.1959827	2.5791960125557
(167492)	15.2	297.19253	183.30962	293.40058	11.17715	0.1156900	2.7335801125541	(167544)	15.1	271.23390	119.28364	335.66595	10.46489	0.1158716	3.0913992125557

(167545) 15.5 158.41109 214.05203 0.74461 2.13643 0.0833244 3.0934114125557
 (167546) 15.5 216.54753 67.02621 93.87789 2.95345 0.0850685 3.0348147125558
 (167547) 14.9 59.25011 17.86838 294.75914 8.61606 0.0827812 3.0210978125558
 (167548) 14.9 2.06404 90.23712 272.45206 11.82275 0.0952566 3.0433791125558
 (167549) 15.3 265.73594 185.84422 274.45934 4.45016 0.1191846 3.0971188125558
 (167550) 16.0 256.13493 184.29698 293.69073 0.87829 0.1875062 3.0788324125559
 (167551) 15.5 298.46904 57.30895 19.31688 9.33854 0.1010846 3.0042011125559
 (167552) 15.3 285.35416 337.80433 126.41765 11.20848 0.0857643 2.9877513125559
 (167553) 16.7 353.59667 64.73880 348.26059 3.12003 0.2557811 2.6901210125560
 (167554) 14.8 259.05706 44.47896 79.31870 5.26238 0.1558507 3.1122889125560
 (167555) 14.5 356.79311 15.81824 28.44878 24.95921 0.0106629 2.9917666125560
 (167556) 15.8 312.68383 303.14403 111.86841 4.11200 0.1065941 3.0118748125561
 (167557) 16.4 6.20877 358.40256 49.33682 2.89814 0.0397706 2.7737704125561
 (167558) 15.8 352.94820 40.93602 325.88767 8.00416 0.0723172 3.1799987125561
 (167559) 14.9 192.34639 66.86404 121.42621 10.42399 0.0392804 3.1011579125561
 (167560) 14.8 37.53179 207.34150 126.11321 17.86621 0.0634020 3.1186021125562
 (167561) 15.8 75.54410 5.64584 298.79314 10.06306 0.1112769 2.9731330125562
 (167562) 16.8 348.37383 20.08087 35.26541 9.05433 0.1286395 2.7298057125562
 (167563) 15.5 357.38297 27.93634 37.70576 14.50851 0.2737140 2.6386328125562
 (167564) 14.9 324.83145 77.24356 341.53549 15.03700 0.0689401 3.0727291125563
 (167565) 15.7 274.88749 58.47634 57.82313 0.93920 0.1222275 3.0397668125563
 (167566) 15.7 252.95650 210.92475 296.81605 3.28141 0.0127363 2.8043881125563
 (167567) 15.3 209.94202 237.59463 284.09976 3.02811 0.1231171 3.0750109125564
 (167568) 15.6 39.05201 65.77708 293.83534 3.40019 0.1331069 2.7775895125564
 (167569) 14.9 210.85785 223.30012 295.84201 4.94390 0.0637912 3.2123241125564
 (167570) 15.5 222.63005 11.50868 148.76289 1.76986 0.1318691 3.1453644125564
 (167571) 16.4 219.25729 340.04623 164.08590 1.80607 0.0723099 3.1817651125565
 (167572) 15.4 310.01416 253.48560 133.74210 1.29719 0.1102583 3.2475555125565
 (167573) 15.9 277.11293 11.63908 80.25171 1.92342 0.1236694 2.9744050125565
 (167574) 15.6 24.17341 287.75970 59.92899 2.29544 0.0675838 2.9869976125565
 (167575) 16.3 317.96792 25.18138 41.36652 2.39795 0.0752272 2.9138890125566
 (167576) 14.9 222.27102 132.86778 4.99029 4.86469 0.1260353 3.2033848125566
 (167577) 15.5 281.08697 39.99640 71.65325 2.48421 0.1357927 2.9842510125566
 (167578) 15.1 307.14919 338.30816 143.65355 16.88774 0.1948426 2.7255066125567
 (167579) 14.1 319.80118 226.98957 138.32722 18.76454 0.0556159 3.5639755125567
 (167580) 15.2 274.80528 262.55831 224.97928 9.81152 0.0913099 2.9148900125567
 (167581) 19.7 14.07900 150.60401 265.20627 13.94529 0.2286552 2.6131063125568
 (167582) 14.8 246.43751 226.60385 263.17937 9.51754 0.0417670 3.1415659125568
 (167583) 15.2 45.23614 68.60585 274.15902 10.34145 0.0627109 3.0426197125568
 (167584) 15.5 288.13328 353.50580 143.48293 7.97266 0.1468041 2.7832193125568
 (167585) 15.4 239.23175 336.66838 185.57966 10.47111 0.1376492 2.9778806125569
 (167586) 15.2 238.75165 323.85049 182.92088 17.37650 0.1390967 3.1141292125569
 (167587) 15.4 255.75017 270.64861 233.06977 6.40417 0.2220789 3.0667769125569
 (167588) 15.7 280.45042 158.11269 316.15541 0.87077 0.0572271 2.9419450125569
 (167589) 15.0 191.16168 277.12757 271.96924 8.96139 0.0596544 3.0941473125570
 (167590) 15.3 298.22886 112.75209 324.81420 9.22347 0.1126859 2.9867061125570
 (167591) 14.7 22.41194 237.71213 108.31795 9.75730 0.1235412 3.0208156125570
 (167592) 15.1 216.82747 63.67502 118.65941 6.19806 0.0986392 3.0282224125571
 (167593) 15.3 228.81800 61.54926 101.33217 10.98751 0.0283661 3.0512157125571
 (167594) 15.3 273.38143 303.70008 161.05657 9.08955 0.1493062 3.1040961125571
 (167595) 15.5 16.15367 59.54369 336.96310 1.89018 0.0578994 2.8305493125572
 (167596) 15.1 20.33939 266.06164 98.00935 11.52704 0.0867895 2.9318485125572

(167597) 13.7 208.02575 95.47667 98.51409 23.94392 0.1330710 3.2247170125572
 (167598) 15.1 255.71588 144.32000 359.42667 10.45506 0.0631155 2.9660101125573
 (167599) 15.7 10.50142 190.37028 220.68249 13.81757 0.1445411 2.6193223125573
 (167600) 14.7 259.23115 37.71328 96.90212 17.83824 0.1611451 3.0404528125573
 (167601) 15.2 195.74256 167.26404 34.09416 6.91784 0.0956276 3.0662457125574
 (167602) 16.9 78.24056 307.83582 17.10933 2.03792 0.0609568 2.8648149125574
 (167603) 16.1 291.71480 153.51219 313.97376 1.13473 0.0202720 2.8966462125574
 (167604) 15.5 303.73193 69.91022 15.25486 1.36952 0.0537897 3.0047223125574
 (167605) 16.3 229.69264 327.62082 197.34748 8.40701 0.1779656 3.0358417125575
 (167606) 15.2 352.85338 272.53138 121.77926 12.12139 0.0199526 3.1016535125575
 (167607) 15.3 134.14901 112.72645 132.41420 1.65250 0.0196697 3.1103843125575
 (167608) 14.9 322.95571 354.14278 92.93343 28.52185 0.1829896 2.8000429125575
 (167609) 14.4 290.26611 15.93999 86.24855 23.41000 0.1101482 3.0347759125575
 (167610) 15.7 292.69914 302.87995 146.61567 11.16767 0.0793067 3.0884355125576
 (167611) 15.0 28.19280 220.66640 136.44791 11.53655 0.1307095 3.0131134125576
 (167612) 16.2 276.30568 30.16243 86.07099 3.69952 0.0383615 2.9738927125576
 (167613) 15.4 179.99517 316.54881 238.60267 1.86460 0.0692664 3.1646256125577
 (167614) 15.6 268.07137 323.15316 158.47812 6.55686 0.1212325 3.0802605125577
 (167615) 14.9 268.44304 119.69116 346.33923 3.33045 0.0670344 3.2045499125577
 (167616) 15.9 345.97719 284.18107 133.42732 0.96768 0.0924797 2.9123755125577
 (167617) 15.6 315.72567 46.11015 17.51140 1.72727 0.0420093 3.1233924125578
 (167618) 15.1 277.10313 247.18788 238.59018 4.44256 0.0703345 3.0114236125578
 (167619) 15.2 20.05395 31.13010 329.99456 10.66257 0.1373868 2.9539251125578
 (167620) 15.0 357.72875 247.79621 153.91637 12.56100 0.0560981 2.9417028125579
 (167621) 14.5 278.90333 121.72969 346.14748 11.81479 0.1193092 3.1267230125579
 (167622) 15.1 4.70698 42.32544 337.72774 14.14819 0.2128592 2.9855878125579
 (167623) 15.3 268.05506 284.11615 225.21979 8.10232 0.1756106 2.9741925125580
 (167624) 16.7 92.46295 74.67540 169.46556 26.42053 0.0741542 1.8194227125580
 (167625) 14.6 41.16387 262.24069 55.98706 10.74511 0.0440923 3.3343924125580
 (167626) 14.9 14.37894 249.78259 116.34683 16.08061 0.0404450 3.1427175125580
 (167627) 15.4 338.37386 70.43289 336.48481 14.59142 0.1088523 3.0356121125581
 (167628) 15.1 289.72575 127.19948 320.53706 8.54152 0.0752853 3.1324724125581
 (167629) 15.8 299.28707 99.80790 342.58940 9.85786 0.1423494 3.0849597125581
 (167630) 15.9 186.09379 172.94887 39.09374 0.77816 0.1439918 3.2017623125581
 (167631) 14.9 11.43064 209.52842 170.37948 11.19751 0.1143678 3.0032774125582
 (167632) 15.4 333.69335 108.19975 311.45733 9.47530 0.0904988 2.9950431125582
 (167633) 14.2 188.41630 275.70903 299.71611 9.66172 0.0665080 3.1991622125582
 (167634) 15.5 330.76088 41.59722 21.66132 9.69728 0.1088171 3.1189775125583
 (167635) 15.1 305.62074 258.41450 168.65522 10.25652 0.1046736 3.1170376125583
 (167636) 14.8 246.18783 244.88246 247.91486 7.33050 0.0450835 3.1659460125583
 (167637) 15.1 259.33297 258.93363 241.63528 8.84922 0.0629498 3.0153245125583
 (167638) 15.9 14.65582 289.19776 90.70944 3.27609 0.0894402 2.9168440125584
 (167639) 15.6 309.31499 89.95882 332.07066 11.63913 0.1093331 3.1350346125584
 (167640) 15.4 231.38199 91.77581 63.10939 3.97815 0.1112922 3.1800217125584
 (167641) 16.0 335.21345 42.30978 100.85937 13.48652 0.1226603 2.6172201125584
 (167642) 15.5 332.97116 262.31382 172.70568 9.10842 0.0930308 2.9049976125585
 (167643) 16.1 23.24332 113.01747 303.23457 3.93528 0.3290490 2.5820918125585
 (167644) 15.2 1.70480 77.38790 312.01097 9.39583 0.0273746 2.9583526125585
 (167645) 15.4 9.89295 250.92705 142.42968 10.37227 0.0837609 2.9333108125585
 (167646) 15.4 307.72556 252.96111 181.33208 11.82955 0.1476983 3.0216976125586
 (167647) 15.8 293.64853 37.86315 78.08677 1.58043 0.1788529 2.9986273125586
 (167648) 14.6 268.09309 301.18893 184.08152 15.83306 0.1992971 3.1720903125586

(167649) 14.8 170.82768 27.51170 218.27593 4.63769 0.1533661 3.1915117125587
 (167650) 14.6 290.83278 118.78066 351.96394 9.43455 0.0615748 3.1288941125587
 (167651) 15.0 278.66127 306.09980 170.55512 10.52099 0.1379912 3.1036453125587
 (167652) 15.8 22.09696 225.85127 155.17984 14.35299 0.2673529 2.6777785125588
 (167653) 14.9 230.63409 76.53052 64.73362 2.87288 0.1475963 3.1959040125588
 (167654) 14.5 350.40739 24.51819 48.00675 17.22199 0.0818573 2.9264958125588
 (167655) 14.8 344.06320 137.63835 25.08985 17.58987 0.1634608 3.1107159125589
 (167656) 15.2 315.58840 61.88324 5.78685 9.59172 0.2301643 3.1525628125589
 (167657) 14.6 341.84333 61.09807 356.03503 11.19299 0.1488449 3.0629951125589
 (167658) 14.8 325.03305 52.09660 42.46988 10.04393 0.0582512 2.9867890125590
 (167659) 14.1 273.31648 91.17442 43.08937 26.52764 0.1768863 3.1419873125590
 (167660) 14.8 344.64882 295.49105 109.91924 12.59971 0.0933364 3.1071494125590
 (167661) 15.1 347.72798 63.51269 359.44322 12.56873 0.1037808 3.0442982125590
 (167662) 14.8 267.95330 298.96843 182.78886 18.85780 0.1438592 3.2126169125591
 (167663) 15.7 248.90317 2.29801 154.11392 1.60411 0.1198976 3.1486101125591
 (167664) 15.1 184.72800 210.31860 18.18638 6.27807 0.0952002 3.2274173125591
 (167665) 14.4 201.14535 145.81441 59.11088 19.55521 0.0947066 3.2118550125592
 (167666) 15.7 310.82029 115.32662 337.17433 3.93565 0.0544311 3.1472264125592
 (167667) 15.8 219.63137 125.17113 82.14158 2.64916 0.1393047 3.1315065125592
 (167668) 14.9 204.25985 172.40511 37.22103 5.31849 0.1184977 3.1810253125593
 (167669) 14.3 294.54376 87.18881 1.22273 21.62561 0.1199091 3.1858609125593
 (167670) 15.2 336.29520 260.28973 164.89571 16.73604 0.1539541 3.1007654125593
 (167671) 17.3 316.92259 108.00354 330.07961 24.41694 0.1482480 1.6957669125594
 (167672) 15.9 305.58069 112.26750 73.31327 4.11003 0.1631990 2.6909837125594
 (167673) 14.7 300.04592 152.67761 296.97234 14.67597 0.0892442 3.0917590125595
 (167674) 14.7 311.80566 108.86103 329.94661 11.51287 0.2123291 3.1139065125595
 (167675) 15.1 297.49962 289.72559 166.11896 26.06643 0.2732209 3.1235945125595
 (167676) 14.5 275.65027 196.20282 292.35567 18.35195 0.1593597 3.0594860125595
 (167677) 15.0 345.23780 213.36459 265.31005 11.63590 0.2292358 2.5909848125596
 (167678) 14.8 250.43552 316.22246 189.78829 27.59318 0.2603433 3.1173945125596
 (167679) 15.4 322.99415 81.71218 45.78681 24.90339 0.3283025 2.7418464125596
 (167680) 15.8 247.30718 344.05174 188.42378 2.08389 0.0404785 3.2342481125596
 (167681) 15.8 267.26682 136.27572 16.03554 10.50281 0.1776868 3.1420079125597
 (167682) 14.4 240.02737 315.50672 204.57149 14.27093 0.1354207 3.1738276125597
 (167683) 16.0 246.70686 314.36721 191.96532 0.75893 0.0591694 3.2534883125597
 (167684) 15.3 3.90193 188.83486 286.12909 14.80127 0.2313358 2.5859231125597
 (167685) 14.2 277.96226 278.48549 219.84056 22.32492 0.2171906 3.1086514125598
 (167686) 12.2 178.33879 287.96903 237.67530 28.14146 0.0306469 5.1187104125598
 (167687) 17.0 76.42015 89.36697 216.68713 20.81108 0.1097092 1.8605684125598
 (167688) 14.4 327.71928 225.90305 248.30590 23.24606 0.2217030 3.1315516125599
 (167689) 16.5 243.89664 187.20002 300.02504 17.62398 0.0641870 1.9733843125599
 (167690) 16.8 166.88039 242.37656 342.99083 18.54125 0.0529618 1.9533921125599
 (167691) 16.6 62.46545 302.59367 357.69090 19.17097 0.0455161 1.9865643125600
 (167692) 16.7 87.62421 100.22813 223.29414 20.98472 0.0857061 1.8794311125600
 (167693) 16.7 17.24267 170.87641 188.42827 22.33001 0.0867825 1.9865669125600
 (167694) 16.1 352.11627 344.91491 2.94910 1.44981 0.1179291 2.2899854125601
 (167695) 16.8 34.41714 184.53297 172.59448 23.15980 0.0754473 1.9297619125601
 (167696) 16.6 326.09214 64.39959 320.06989 7.35780 0.1199834 2.2362419125601
 (167697) 16.7 26.25460 347.68759 31.77251 21.47034 0.0849688 1.9786919125602
 (167698) 16.8 2.43970 176.89390 177.20859 6.32943 0.2071846 2.2079246125602
 (167699) 17.1 62.65572 318.82848 301.04251 4.48210 0.1394489 2.2203823125602
 (167700) 15.7 201.47714 146.05678 16.56238 24.64928 0.0936605 2.2487081125603

(167701) 16.4 38.48385 26.07672 275.68868 7.56746 0.2560747 2.1949801125603
 (167702) 17.3 140.72858 314.26038 239.82227 0.98941 0.1013512 2.3174140125603
 (167703) 16.4 167.10287 335.95209 191.07435 5.49055 0.0825228 2.3341649125603
 (167704) 17.1 151.56185 347.62989 192.91833 1.65146 0.0936748 2.2971283125604
 (167705) 17.3 310.91377 257.22049 141.57767 2.93320 0.1465668 2.2819778125604
 (167706) 17.1 351.20085 38.78601 323.59954 4.31968 0.1132763 2.2167713125604
 (167707) 17.2 165.02343 185.59356 1.42002 7.27335 0.0844541 2.2286937125605
 (167708) 17.8 38.50467 272.77053 18.98160 1.15939 0.1695554 2.2246575125605
 (167709) 17.3 95.65192 312.34468 317.87809 1.58760 0.0924232 2.1832893125605
 (167710) 17.1 259.63856 274.05948 176.14624 3.53241 0.0812002 2.2353228125605
 (167711) 17.4 170.62073 218.22420 320.42764 2.69135 0.0858538 2.2439625125606
 (167712) 16.8 342.42426 337.81860 39.26171 4.64654 0.0424360 2.2769331125606
 (167713) 17.1 25.24323 297.66233 45.91697 3.51600 0.0683897 2.2099191125606
 (167714) 16.8 236.22496 316.85978 148.68760 1.94097 0.1369708 2.4426260125606
 (167715) 16.8 120.40316 205.79521 356.27308 2.09405 0.1231744 2.4248869125606
 (167716) 17.0 337.65287 219.60719 164.11362 1.43964 0.0155060 2.2407419125607
 (167717) 16.6 142.22535 176.25142 39.15223 4.19680 0.0419902 2.2075969125607
 (167718) 17.8 50.42087 338.03309 337.46090 1.04248 0.1906259 2.1402596125607
 (167719) 17.7 245.08275 95.63695 30.67589 3.47836 0.0804677 2.2536733125608
 (167720) 16.8 100.01271 143.09851 105.56585 1.56096 0.1776796 2.3081583125608
 (167721) 16.2 353.06635 131.28700 223.01239 5.16537 0.1788653 2.2717509125608
 (167722) 17.6 168.54883 20.90635 186.32511 4.52699 0.0994696 2.2199809125609
 (167723) 17.4 0.18375 271.54522 101.94943 1.10698 0.1888181 2.1631704125609
 (167724) 16.8 238.88870 234.89821 255.40909 3.15512 0.0479799 2.2644891125609
 (167725) 17.5 99.72525 119.72625 146.33805 2.05854 0.0331867 2.2491964125609
 (167726) 16.4 119.11709 34.88239 208.93783 6.37776 0.0704104 2.2769633125610
 (167727) 17.6 349.71625 154.78118 205.96273 4.85650 0.1350710 2.2590791125610
 (167728) 17.5 138.15546 155.85467 88.89730 1.30209 0.0628280 2.2265941125610
 (167729) 16.7 29.55512 57.94532 259.65298 4.68026 0.2025166 2.2250384125610
 (167730) 17.4 107.91926 67.90520 184.65270 2.16720 0.1645699 2.2689246125611
 (167731) 15.8 263.49355 118.73091 322.64214 5.72435 0.0942004 2.4387749125611
 (167732) 16.1 347.99680 339.85955 30.23858 9.27381 0.1352030 2.249822125611
 (167733) 17.1 285.25926 41.02225 45.97366 3.57059 0.1356367 2.3234097125612
 (167734) 16.7 314.77556 354.33884 78.57919 0.17770 0.1758837 2.2915291125612
 (167735) 15.7 283.32537 174.37163 288.11412 10.61679 0.0725892 2.3550867125612
 (167736) 16.8 356.37757 332.17247 67.57532 6.20459 0.1210689 2.1792827125613
 (167737) 16.3 275.69336 71.69352 35.79826 6.26739 0.1083767 2.2808028125613
 (167738) 16.6 313.67124 331.30710 102.15687 7.70347 0.1774157 2.3002356125613
 (167739) 17.1 322.83874 350.66415 69.90603 5.15937 0.1445808 2.3132850125614
 (167740) 16.6 277.18053 78.29300 36.03005 2.76505 0.1888174 2.3291666125614
 (167741) 17.0 5.56130 346.03393 25.50328 0.81162 0.0937122 2.2224629125614
 (167742) 16.2 259.35293 226.97218 269.16377 4.64310 0.1779873 2.3499012125615
 (167743) 17.1 279.95594 258.60380 202.93485 0.70540 0.0370284 2.2668571125615
 (167744) 15.7 286.10893 109.30961 1.13536 16.84242 0.0110094 2.5365300125615
 (167745) 15.7 80.69756 344.02750 291.99645 13.61045 0.1818734 2.5864493125616
 (167746) 16.9 261.85132 121.62240 358.20682 2.22862 0.1679500 2.3301546125616
 (167747) 15.8 221.35270 214.49809 256.90445 3.86212 0.0356447 2.5150627125616
 (167748) 16.7 323.55526 298.52169 103.50304 2.47032 0.1817087 2.3995631125616
 (167749) 15.9 346.29377 350.40211 65.18952 6.44066 0.1480432 2.2156371125617
 (167750) 17.7 2.33460 169.23255 214.94463 2.74831 0.1404830 2.1648211125617
 (167751) 16.5 285.35089 257.43461 206.85729 1.72981 0.1706910 2.3285009125617
 (167752) 16.2 237.31898 75.29487 35.91192 3.03772 0.0879106 2.5461682125618

(167753)	16.5	357.88370	284.74909	98.66605	7.47411	0.1119212	2.2592037125618	(167805)	16.5	285.03094	44.25360	62.31913	2.02271	0.1459747	2.4080759125633
(167754)	15.9	225.49657	60.37876	93.59215	3.40096	0.1263006	2.4636662125618	(167806)	17.6	1.06238	327.76725	64.13599	5.57236	0.1668950	2.2644471125634
(167755)	16.3	323.57479	134.33588	292.95085	5.88650	0.0893461	2.3062999125619	(167807)	16.6	261.43132	132.73763	329.16205	11.84675	0.0803605	2.5446543125634
(167756)	16.6	325.41999	326.16293	102.15359	8.25966	0.1171123	2.2675418125619	(167808)	15.7	153.05041	216.72218	345.16479	3.79042	0.1402120	2.7776769125634
(167757)	16.8	266.58681	39.25668	86.25603	3.37664	0.1294896	2.3470675125619	(167809)	16.1	261.44919	148.93396	359.76323	5.42108	0.0590492	2.3333206125635
(167758)	15.8	181.78046	154.01744	63.38045	6.78047	0.0475930	2.2551374125619	(167810)	16.3	174.56858	11.56837	158.15817	2.72492	0.0148272	2.7411648125635
(167759)	17.1	348.74975	346.38586	58.73940	5.83305	0.1069081	2.2276555125620	(167811)	16.4	258.94708	340.70567	164.10134	2.42983	0.1291323	2.4083752125635
(167760)	16.3	19.14394	314.98750	30.75506	7.08298	0.1320931	2.2739610125620	(167812)	15.5	220.56111	335.86038	169.10405	9.98576	0.1061993	2.7570428125635
(167761)	16.2	277.67952	90.20061	40.07356	6.74531	0.1279236	2.2426920125620	(167813)	16.1	188.13191	128.22348	101.45927	2.32397	0.1396936	2.3973443125636
(167762)	16.9	265.42911	340.03607	130.89933	3.56994	0.0632580	2.4086894125621	(167814)	16.0	261.40361	329.86669	139.74688	2.38873	0.0196837	2.6972435125636
(167763)	16.3	261.43750	1.06071	118.02966	3.63439	0.1268969	2.4095497125621	(167815)	16.2	280.17419	53.29748	34.25060	3.52783	0.0989033	2.5845448125636
(167764)	17.0	37.69299	304.23682	40.62187	1.66026	0.1610549	2.1335799125621	(167816)	15.4	218.88430	175.47931	335.62375	6.69964	0.1158238	2.7273403125637
(167765)	16.9	333.80901	30.14119	22.36426	3.85960	0.1363075	2.2647860125622	(167817)	15.6	230.70153	184.96582	327.89243	7.05219	0.1337572	2.6136418125637
(167766)	17.0	349.55543	242.15771	136.65191	3.56322	0.1812688	2.3000209125622	(167818)	15.6	133.15557	217.43706	21.63116	2.01565	0.1495660	2.6467445125637
(167767)	16.8	45.27687	54.47613	283.00129	1.83694	0.1705357	2.3385345125622	(167819)	17.4	313.29666	34.43417	65.43999	1.38311	0.1426669	2.2714511125638
(167768)	17.6	317.63951	144.97582	292.04261	2.86522	0.2103487	2.2927793125623	(167820)	16.0	352.37766	338.28363	11.53073	4.74282	0.0078820	2.7871339125638
(167769)	16.2	0.71214	271.07800	118.27130	8.12249	0.0968094	2.3569474125623	(167821)	16.9	207.46350	127.73672	84.66739	2.27452	0.1295972	2.3600264125638
(167770)	16.2	248.65376	136.73356	1.36804	6.82356	0.0594573	2.3846432125623	(167822)	16.5	273.13814	125.82617	4.90529	4.86565	0.1736704	2.3767345125638
(167771)	16.3	319.46340	121.89398	303.94666	6.46469	0.1026409	2.3548544125624	(167823)	16.9	226.65936	9.73254	134.50249	1.80370	0.1352035	2.6072299125639
(167772)	16.2	172.67247	169.17929	41.23448	7.11168	0.1295232	2.5553448125624	(167824)	16.7	21.13202	86.17329	281.77563	2.79827	0.1889223	2.3490306125639
(167773)	16.3	266.67657	121.67821	349.63477	2.66155	0.1651097	2.4546193125624	(167825)	15.2	111.97624	266.15111	313.55815	8.26499	0.0693857	3.0049342125639
(167774)	17.3	310.53525	342.16978	89.61952	3.74757	0.1646760	2.3923541125624	(167826)	16.8	245.43262	339.00318	200.55844	1.56391	0.1121473	2.3332849125640
(167775)	16.1	313.48512	171.38140	284.58576	6.56295	0.0442966	2.2978361125625	(167827)	16.7	240.34731	80.09075	74.73268	1.48671	0.0622912	2.5305772125640
(167776)	15.8	214.78722	203.74678	313.85439	7.31445	0.0946360	2.5882762125625	(167828)	15.7	293.18233	39.38101	45.51267	7.30586	0.1288248	2.4798451125640
(167777)	15.6	150.73211	101.61096	121.37185	15.82768	0.0826622	2.5715523125625	(167829)	16.1	107.39170	108.67017	160.83373	2.48528	0.0590053	2.5362176125640
(167778)	14.9	124.24238	292.71094	303.32152	26.93601	0.0963777	2.6991665125626	(167830)	16.0	224.92352	345.07116	212.87398	9.43030	0.2265739	2.4162362125641
(167779)	16.8	220.10513	228.25850	302.76343	0.37428	0.1139688	2.3983222125626	(167831)	16.8	228.43928	270.65596	276.19630	2.37526	0.1063233	2.3705282125641
(167780)	16.8	232.98644	284.88423	231.03958	1.72270	0.1407390	2.4435227125626	(167832)	16.0	173.85670	235.03718	315.68196	5.03964	0.0849446	2.7082539125641
(167781)	16.4	241.36227	112.26559	43.52330	3.90144	0.1350396	2.3754651125627	(167833)	15.1	64.09429	149.30202	128.97897	6.24036	0.1407176	3.0876628125641
(167782)	15.4	62.71553	331.14000	331.26492	12.95827	0.2083067	2.6194609125627	(167834)	15.6	214.77035	171.05161	327.23734	8.88210	0.0966551	2.8140900125642
(167783)	16.5	315.02130	278.83943	150.56527	6.68780	0.1305919	2.4245631125627	(167835)	16.9	316.56886	142.42316	294.09466	1.34670	0.1567933	2.3928624125642
(167784)	16.6	29.05356	116.83168	250.50457	2.11350	0.1971395	2.1810966125627	(167836)	16.6	180.05379	24.06118	174.02453	1.29329	0.0761625	2.6588992125642
(167785)	16.3	42.24051	222.28853	116.84734	12.21185	0.2690273	2.2662616125628	(167837)	15.8	327.65993	104.99674	330.39417	3.73021	0.1027616	2.3737144125643
(167786)	15.8	1.65115	248.12506	108.31126	3.45442	0.2145644	2.4362428125628	(167838)	16.4	333.13605	263.38596	162.80890	2.94567	0.1510618	2.3630343125643
(167787)	16.1	210.03655	341.86774	139.60490	4.71064	0.0488494	2.7687093125628	(167839)	16.1	301.48006	230.04697	228.37462	2.31893	0.1530613	2.3896172125643
(167788)	16.3	314.03261	236.00257	185.17109	5.37733	0.2004872	2.3827246125629	(167840)	16.7	359.53962	153.98887	229.07663	1.45868	0.2134424	2.3588000125644
(167789)	16.5	289.62740	44.50794	67.67253	3.44298	0.1289861	2.3269380125629	(167841)	16.0	190.29442	45.41962	127.62272	4.06847	0.0320290	2.7360172125644
(167790)	16.9	334.94777	7.34210	30.98929	1.74553	0.1770397	2.4477618125629	(167842)	15.3	67.56652	101.29610	173.52959	5.11214	0.1530294	3.0800574125644
(167791)	15.7	71.11162	37.97730	217.98288	1.49791	0.0236075	2.8383700125629	(167843)	16.2	140.93170	158.54514	95.17213	3.85521	0.1344739	2.5646276125644
(167792)	17.0	230.58218	13.43149	158.87397	1.14503	0.1299615	2.4177518125630	(167844)	15.1	218.47829	336.04067	153.95577	20.44720	0.0885228	2.8394734125645
(167793)	16.8	337.05835	226.17396	137.09087	6.33680	0.0544701	2.7440606125630	(167845)	16.4	294.82599	288.64519	167.36243	4.20368	0.0688899	2.4230373125645
(167794)	15.6	240.95192	317.33086	136.64898	5.22312	0.0347335	2.7856737125630	(167846)	16.6	339.94899	238.90045	162.50360	8.25816	0.2113322	2.3682886125645
(167795)	17.2	256.20516	268.96012	233.98097	1.72111	0.1324008	2.4257579125630	(167847)	16.5	235.44097	299.80151	217.63067	9.45542	0.0930894	2.4179238125646
(167796)	16.0	276.63422	306.01852	164.31526	9.68632	0.1672333	2.4646301125631	(167848)	16.3	233.45707	165.24445	323.74400	2.88832	0.0730900	2.6597979125646
(167797)	16.0	80.86908	307.98450	329.73744	3.64416	0.0750370	2.6949387125631	(167849)	15.8	155.27043	35.62673	169.79307	8.27896	0.1568419	2.7798828125646
(167798)	16.1	144.75123	160.51993	58.18390	3.21051	0.1115447	2.7534003125631	(167850)	16.1	62.72400	337.96063	334.40359	2.17020	0.0853804	2.6640571125647
(167799)	15.9	286.36023	250.83467	165.00022	1.55468	0.0598853	2.6291379125632	(167851)	15.9	182.62124	263.20596	280.43136	3.93229	0.0524725	2.7288315125647
(167800)	16.6	321.13803	354.24347	43.57819	2.83544	0.1708077	2.4470970125632	(167852)	14.9	107.34352	262.81440	335.40638	8.83674	0.0509789	3.0692211125647
(167801)	16.5	305.22518	58.58454	21.62187	3.70180	0.1088365	2.3734528125632	(167853)	16.4	92.41440	146.60033	134.39669	4.23411	0.0432719	2.6688517125647
(167802)	15.7	204.87015	206.69431	345.37015	6.26853	0.1264326	2.4660641125633	(167854)	15.2	56.38196	294.88713	8.56118	6.04474	0.0526954	2.8586401125648
(167803)	16.5	222.70581	254.09399	295.82009	5.80519	0.0777753	2.3414242125633	(167855)	15.3	91.55278	63.91400	166.07925	5.50877	0.0785373	3.1891232125648
(167804)	17.0	328.76914	313.94817	86.69333	2.56219	0.1903305	2.4472182125633	(167856)	16.6	127.60692	293.88267	323.63861	3.23417	0.2050931	2.6409791125648

(167857) 15.7 144.72732 261.12134 346.50269 6.88326 0.1786225 2.8050860125649
 (167858) 16.9 284.63420 185.80685 313.12645 3.05647 0.1735393 2.3533676125649
 (167859) 16.5 282.30487 95.34423 22.40007 3.59691 0.1693986 2.4345671125649
 (167860) 16.5 279.38641 302.48338 145.14506 1.26008 0.1563089 2.6181508125650
 (167861) 17.0 288.23238 101.58736 344.35514 3.04472 0.1579416 2.5713347125650
 (167862) 17.2 294.36313 91.54716 12.44498 1.24387 0.1294304 2.4454982125650
 (167863) 17.0 296.40626 95.52065 351.40923 3.39742 0.1419942 2.5312429125650
 (167864) 15.8 45.19377 337.61093 324.23264 0.81633 0.0962514 3.0741408125651
 (167865) 17.2 277.68036 307.89265 179.57225 5.57285 0.1680231 2.4337520125651
 (167866) 16.9 284.26788 287.42416 182.44461 3.48314 0.1749393 2.4759514125651
 (167867) 15.1 72.92458 310.27272 334.63830 5.81563 0.1334558 3.0554072125652
 (167868) 17.2 275.54920 32.61061 86.65182 0.32710 0.1371037 2.5299236125652
 (167869) 14.6 258.95295 271.27564 161.98507 10.62471 0.0563638 3.2094070125652
 (167870) 15.8 55.33503 155.96350 162.85490 4.66306 0.0821085 2.7695598125652
 (167871) 16.7 243.97745 18.13054 152.60970 1.65556 0.1277078 2.4440704125653
 (167872) 14.7 129.97806 71.85403 156.88170 16.33372 0.1424264 3.1292535125653
 (167873) 15.4 102.12849 104.57913 159.49889 10.70130 0.0677485 3.0158478125653
 (167874) 15.4 127.27283 228.14054 7.70072 15.24146 0.1220450 3.1126830125654
 (167875) 16.5 5.34033 14.99180 26.81833 5.00208 0.1294176 2.3194075125654
 (167876) 15.6 78.02798 107.07015 166.98687 2.09387 0.0114497 2.9034532125654
 (167877) 15.9 241.27204 336.67139 194.43628 4.16387 0.1233462 2.5872358125654
 (167878) 14.9 225.92061 156.22638 326.92472 10.21004 0.0902157 2.9920139125655
 (167879) 15.3 306.23580 129.64071 315.58114 14.54502 0.0797167 2.5455756125655
 (167880) 17.5 283.74906 212.67886 277.79482 2.01250 0.1816099 2.4022172125655
 (167881) 16.9 59.64154 175.55099 149.55116 2.60847 0.0927173 2.4688932125656
 (167882) 17.3 314.70775 156.49514 288.89777 0.34257 0.2186082 2.4148820125656
 (167883) 15.0 133.17644 220.81907 359.32071 9.03249 0.0621434 3.0900078125656
 (167884) 16.9 307.02671 82.30012 354.57331 8.42667 0.1932660 2.5513543125656
 (167885) 15.7 286.56006 277.49962 175.93386 5.99242 0.0339505 2.7463332125657
 (167886) 16.8 324.30999 254.77007 173.04725 3.33297 0.1950210 2.4279004125657
 (167887) 15.7 177.62138 301.26853 233.18161 1.98390 0.0353908 2.9750734125657
 (167888) 15.5 134.09472 68.50749 134.88223 5.22446 0.1396441 3.1091781125658
 (167889) 14.9 67.62727 122.94599 155.04832 11.83769 0.0486569 3.1224796125658
 (167890) 14.9 157.91423 174.52224 30.08664 7.23920 0.1535408 3.1103785125658
 (167891) 14.7 155.77644 263.93460 292.37961 4.33791 0.0982160 3.1194218125659
 (167892) 14.6 190.00953 141.83640 25.00174 1.64720 0.1240159 3.1074098125659
 (167893) 14.4 40.76646 332.12942 348.89359 15.27576 0.0557936 3.0616690125659
 (167894) 15.6 321.13977 276.65537 176.17876 21.58228 0.2870332 2.3716035125659
 (167895) 15.6 86.43853 206.51462 79.36211 4.67876 0.0633431 2.7814044125660
 (167896) 16.4 1.02362 205.63885 179.14564 8.07911 0.0909142 2.6695108125660
 (167897) 16.0 143.08628 237.83664 350.74463 8.93101 0.0542031 2.7865835125660
 (167898) 15.0 90.63369 167.79603 114.50969 4.90671 0.1297577 2.9660496125661
 (167899) 15.1 52.08651 159.98814 142.82715 12.21142 0.0711859 3.1117538125661
 (167900) 16.0 58.51291 56.38991 261.01392 1.55000 0.0605417 2.5717151125661
 (167901) 16.2 260.89652 281.06951 194.05609 7.78459 0.1651715 2.6265532125662
 (167902) 15.8 246.57884 313.80601 174.02238 3.37316 0.0392357 2.6711602125662
 (167903) 16.6 156.35008 157.64097 95.20874 1.78880 0.1251281 2.5917196125662
 (167904) 15.4 331.34488 65.08861 332.80128 12.01639 0.2735449 2.6831832125662
 (167905) 16.4 271.92799 279.39853 219.76836 8.22109 0.0514122 2.3362751125663
 (167906) 15.8 179.15372 2.82623 175.46454 11.45160 0.0831894 2.7739625125663
 (167907) 15.3 297.41872 82.73494 310.83019 9.99020 0.0254640 3.0530781125663
 (167908) 16.3 290.96548 286.48754 197.41634 6.09638 0.1437670 2.3359305125664

(167909) 16.1 74.84307 173.71334 122.09194 2.65630 0.0332301 2.7600861125664
 (167910) 15.6 99.74342 34.63883 256.10599 4.75687 0.0756589 2.6407200125664
 (167911) 14.9 103.55907 189.26545 65.96700 9.97343 0.0538848 3.0965250125664
 (167912) 16.3 353.06595 13.08857 48.54039 6.20041 0.2215938 2.3572488125665
 (167913) 14.7 219.61963 336.49670 155.40924 11.57595 0.1358829 3.0692179125665
 (167914) 15.6 6.15815 31.85976 1.40475 5.32813 0.0267589 2.7427128125665
 (167915) 15.5 93.82961 24.51360 264.88536 7.07425 0.1249495 2.7450111125665
 (167916) 15.4 187.99418 326.79463 193.05352 10.28022 0.0530424 2.9825125125666
 (167917) 16.5 320.22447 254.65280 153.24553 5.55105 0.0674370 2.6815296125666
 (167918) 15.6 235.83912 144.13547 9.85432 16.97699 0.1513520 2.6521967125666
 (167919) 15.6 166.22772 32.97471 203.84168 13.63852 0.1151243 2.5712648125667
 (167920) 16.0 173.60702 8.18626 210.27346 12.78528 0.1049141 2.6370183125667
 (167921) 15.4 259.82090 161.55015 322.65961 12.69489 0.1166186 2.6404768125667
 (167922) 15.1 99.36831 58.94005 195.84085 9.19732 0.0647906 3.0735444125667
 (167923) 15.5 202.94011 351.76393 186.85412 6.36262 0.0581136 2.7404615125668
 (167924) 16.2 21.62300 127.47656 209.30861 2.01903 0.1808687 2.7256731125668
 (167925) 17.2 226.88212 338.46038 179.85383 2.56557 0.1044242 2.6088373125668
 (167926) 15.4 324.90141 80.83060 305.79532 8.33152 0.0368906 2.9310751125669
 (167927) 16.3 227.10602 114.26246 64.16666 3.57412 0.1370577 2.6251511125669
 (167928) 15.4 12.33511 161.23586 179.61517 9.23041 0.1613425 3.1340769125669
 (167929) 15.5 115.39321 83.37808 179.90225 9.79383 0.1129478 3.0713913125669
 (167930) 15.4 124.10156 74.53967 181.00875 10.85123 0.1019182 3.0443713125670
 (167931) 15.7 47.12228 90.92504 225.50495 1.95093 0.0409267 3.1226600125670
 (167932) 15.8 291.86165 254.47744 192.66585 21.61705 0.0730599 2.6604485125670
 (167933) 15.4 263.01225 134.10267 357.77479 12.26887 0.2486312 2.5653846125671
 (167934) 16.1 338.68245 311.95107 90.94603 1.94919 0.0852151 2.6224989125671
 (167935) 16.3 342.90644 176.86897 196.66651 9.59401 0.188379 3.0021847125671
 (167936) 15.1 157.30907 192.40424 12.80215 9.10503 0.0495634 3.1712416125672
 (167937) 15.0 31.78243 330.23721 16.78333 16.07452 0.1023762 3.0615797125672
 (167938) 16.1 262.62233 328.61827 181.85385 4.50563 0.1688569 2.5511472125672
 (167939) 15.1 138.95117 203.75665 358.92891 11.75594 0.0809560 3.0940007125672
 (167940) 15.5 253.45990 311.38614 181.85085 9.60644 0.1033921 2.7561163125673
 (167941) 16.4 125.01201 331.99515 298.83333 4.42191 0.0881920 2.5656453125673
 (167942) 16.8 257.80188 279.76958 197.99269 4.11558 0.0578067 2.6273697125673
 (167943) 14.4 185.30298 347.86696 187.60151 17.27202 0.1139479 3.1931555125674
 (167944) 16.3 88.92334 78.08771 186.07981 4.01545 0.0618273 2.7758800125674
 (167945) 15.7 15.65046 36.44596 337.42738 4.67423 0.2253614 2.6097383125674
 (167946) 16.1 196.70627 94.46271 92.63211 13.16183 0.1003475 2.6250695125674
 (167947) 15.6 255.31323 297.48717 192.37651 8.82259 0.0980388 2.7434711125675
 (167948) 15.5 140.54617 39.35220 187.00258 9.96248 0.0549245 2.9869444125675
 (167949) 16.1 292.41460 322.11551 142.91437 1.03825 0.0371102 2.6122879125675
 (167950) 16.5 142.21917 200.86112 48.08598 3.50766 0.0605271 2.6681030125676
 (167951) 14.6 192.66646 162.40541 7.51296 17.05345 0.1312161 3.0427825125676
 (167952) 15.6 183.83779 1.09233 227.25851 13.08230 0.1256774 2.5927505125676
 (167953) 14.8 326.46882 269.69192 134.86980 17.57995 0.0948918 2.8716529125677
 (167954) 15.1 147.02438 214.80352 9.30467 16.72675 0.0403447 3.1033871125677
 (167955) 15.9 216.90108 77.37711 65.97340 5.27072 0.1253734 2.7845654125677
 (167956) 14.7 249.73732 1.61454 107.68387 13.14400 0.0078214 2.9361336125677
 (167957) 14.9 41.08910 160.23266 183.13344 9.41738 0.0756061 3.0336846125677
 (167958) 15.5 64.75537 269.82859 43.98710 6.09386 0.0608422 2.7343216125678
 (167959) 16.6 300.04579 271.57789 175.16015 5.39297 0.1397176 2.5761630125678
 (167960) 14.9 25.49504 211.16464 119.31720 9.76666 0.0790531 2.9961705125678

(167961)	15.8	113.34480	77.66954	210.19530	3.45604	0.0727802	2.7392038125679	(168013)	15.0	155.27693	345.93316	252.92198	10.89198	0.0799816	3.0346351125693
(167962)	15.5	229.54984	129.19496	358.86402	11.37142	0.0660206	3.1121260125679	(168014)	15.5	164.56022	122.29816	111.77257	3.40996	0.1337477	2.9780503125693
(167963)	16.4	312.33894	213.91302	222.77277	3.70979	0.1787148	2.6476347125679	(168015)	15.3	137.52955	164.93380	85.68733	6.37118	0.1124568	3.1279364125693
(167964)	15.0	121.66893	145.76928	104.63358	5.95720	0.1202832	3.0597690125679	(168016)	15.4	82.13350	128.70552	187.43211	9.76569	0.0262248	2.9763829125693
(167965)	16.2	227.20841	296.53856	217.83941	2.62765	0.0629322	2.7433900125680	(168017)	15.3	38.09071	182.43764	197.15132	4.22635	0.1845826	2.5595335125693
(167966)	15.3	29.05117	205.00272	122.51809	7.26098	0.1175388	2.9243857125680	(168018)	16.3	40.24068	162.18424	201.57963	5.70572	0.0733636	2.8133062125694
(167967)	15.7	53.89053	122.33622	176.77118	10.56963	0.0962946	3.0029826125680	(168019)	15.8	346.19446	358.10828	33.59413	1.33708	0.1139815	3.0515992125694
(167968)	14.7	219.85921	310.76397	192.46803	11.87157	0.0693283	3.1296621125680	(168020)	15.8	152.77705	319.83920	283.59261	0.78526	0.1096037	3.0378344125694
(167969)	15.9	299.13721	303.85086	142.34642	9.75254	0.1220803	2.6591364125681	(168021)	17.0	223.95040	25.42447	138.13246	1.41089	0.1096698	2.9860433125695
(167970)	15.0	116.04617	86.81477	162.70881	10.83296	0.0313660	3.1009662125681	(168022)	15.1	88.78312	250.04689	50.14025	19.35183	0.1275667	3.2325514125695
(167971)	15.6	334.14512	224.86792	160.41841	5.05246	0.0593483	3.1242512125681	(168023)	15.2	77.93179	250.30114	69.26089	2.89708	0.0888085	3.0999573125695
(167972)	14.9	79.27927	189.05637	91.31201	11.89029	0.0567151	2.9721343125682	(168024)	15.1	350.85914	200.64101	236.53537	21.86378	0.0374765	2.5513125125695
(167973)	14.6	176.28335	58.18686	129.35276	10.83261	0.0490476	3.0719376125682	(168025)	15.6	0.69632	346.92982	18.26246	1.74526	0.0538169	3.2057068125696
(167974)	17.0	283.07531	256.88853	190.50655	4.45521	0.1450968	2.5604033125682	(168026)	15.7	308.00006	308.18604	167.23088	3.63758	0.1424911	2.5667124125696
(167975)	16.4	276.95371	303.95089	167.74523	5.50238	0.2821630	2.6273679125682	(168027)	14.8	132.04495	356.15300	261.28160	15.11061	0.0397339	3.1601870125696
(167976)	15.4	126.99882	142.30425	103.41281	5.91752	0.1073114	3.1061970125683	(168028)	15.5	39.33970	322.82627	41.51163	9.86215	0.0909686	3.0451217125696
(167977)	15.6	319.14045	351.25551	97.89514	5.40385	0.0603812	2.6653904125683	(168029)	15.0	56.53379	275.63686	68.13511	11.47064	0.0878314	3.1192372125697
(167978)	15.1	35.83794	320.56864	9.90228	10.23630	0.1643422	3.0458686125683	(168030)	14.9	158.60294	155.46095	77.02052	4.52649	0.0338123	3.0541016125697
(167979)	16.6	271.58844	152.69729	315.64651	0.84663	0.0752051	2.6267029125684	(168031)	14.9	327.05214	306.75285	125.38999	18.47912	0.1493214	3.1894196125697
(167980)	16.3	352.34705	204.77904	171.47849	6.11594	0.0563683	2.7487915125684	(168032)	16.0	293.17193	280.44631	191.10292	8.45517	0.1192977	2.5720791125697
(167981)	14.7	159.68737	17.72574	181.97459	11.58454	0.1239006	3.1515601125684	(168033)	12.8	315.03813	250.90789	121.75646	5.66021	0.1385729	5.2443403125697
(167982)	15.1	79.36715	267.29312	24.19227	10.77955	0.1501244	3.1544189125684	(168034)	15.1	39.51889	321.60857	40.84096	14.83282	0.1094185	2.7253136125698
(167983)	15.2	170.51358	172.88941	29.98327	1.85599	0.1195605	3.1114348125685	(168035)	15.3	163.08226	18.32902	183.61769	11.10580	0.0373178	3.0239903125698
(167984)	15.8	266.45482	192.48306	314.75992	6.48921	0.1365646	2.5917266125685	(168036)	14.7	120.08726	86.44753	180.46923	20.80206	0.0998756	3.1841033125698
(167985)	16.0	258.29191	338.29684	149.38599	2.55550	0.1251874	2.8967781125685	(168037)	15.0	80.17450	75.57451	236.37279	6.54756	0.0298181	3.1990862125699
(167986)	15.9	98.92982	113.13773	194.72449	1.39816	0.0700731	2.7972880125685	(168038)	15.7	136.72467	227.69520	40.78065	2.59349	0.0597237	2.9092836125699
(167987)	16.0	298.37117	265.34011	202.63344	12.70055	0.1025680	2.5993705125686	(168039)	15.2	72.11674	156.91759	170.65480	8.93686	0.1473554	3.4379013125699
(167988)	15.0	212.50258	308.38064	195.00698	9.21336	0.0481475	3.2352832125686	(168040)	15.3	292.74903	271.60898	199.47251	8.52897	0.1077569	3.0528688125699
(167989)	16.1	207.08202	18.81236	162.95289	4.38144	0.0412027	2.7859965125686	(168041)	15.3	323.03529	289.02320	150.08258	10.02223	0.0750360	3.1626496125700
(167990)	15.5	349.61983	34.17164	44.39616	14.50608	0.1164382	2.5539929125687	(168042)	15.1	207.59536	346.61034	202.20355	17.92785	0.1490531	3.0972333125700
(167991)	16.2	133.13775	140.75234	122.28200	2.38083	0.1174481	2.9821875125687	(168043)	14.8	208.38659	299.52393	238.76776	15.16655	0.0952544	3.2245144125700
(167992)	15.6	166.83293	121.00591	82.86226	2.48335	0.1295049	3.1518074125687	(168044)	19.0	155.91647	205.50920	23.56322	34.83985	0.2830383	0.9810299125700
(167993)	15.8	274.45550	82.70244	18.69316	1.76339	0.0486663	2.9554290125687	(168045)	16.0	85.73763	269.95221	4.09615	20.11910	0.0310349	1.9801598125701
(167994)	15.7	9.15519	197.53190	210.17603	12.40550	0.1687035	2.6473459125688	(168046)	17.1	216.88239	192.49414	328.86039	17.60678	0.0402107	1.8931430125701
(167995)	16.2	337.65001	190.99805	241.58922	2.10086	0.0646695	2.6876283125688	(168047)	17.2	257.76649	118.82608	350.54577	18.71495	0.0740588	1.9023909125702
(167996)	15.7	223.83830	59.77176	108.79977	4.64230	0.0864540	2.6872924125688	(168048)	17.0	61.01692	326.23275	331.70054	1.62744	0.2331031	2.2253859125702
(167997)	16.1	35.12036	126.51645	232.94421	1.48371	0.1085082	3.0546289125689	(168049)	16.8	84.60300	312.49346	342.93402	17.89638	0.0802597	1.9201345125702
(167998)	15.5	257.44086	271.41223	197.04360	8.91180	0.0460312	3.0927126125689	(168050)	16.9	30.72128	337.48737	328.93840	3.64766	0.1528426	2.2884285125703
(167999)	14.9	98.38666	6.93945	260.83957	8.54188	0.0447626	3.0594958125689	(168051)	17.8	82.94986	267.61442	3.79183	5.79550	0.0784191	2.1889500125703
(168000)	16.8	81.95182	203.42078	115.70484	2.66194	0.0653440	2.8554452125689	(168052)	17.1	90.50955	47.40067	198.27471	0.90074	0.1427015	2.4078233125703
(168001)	15.9	111.84460	210.46836	80.33682	3.06004	0.0468514	2.8538912125689	(168053)	17.6	119.62107	356.12691	241.71880	0.51952	0.1729210	2.2402840125703
(168002)	15.0	336.55346	220.32468	187.27726	12.96811	0.1328020	3.1147544125690	(168054)	17.0	61.35255	84.23170	184.80903	1.97228	0.1917299	2.3897162125704
(168003)	15.8	320.09248	209.21914	221.42100	12.86891	0.1328873	2.9146919125690	(168055)	16.9	84.29943	298.23116	340.58741	3.41155	0.1608915	2.1528394125704
(168004)	16.1	61.60696	160.23152	185.45064	1.44158	0.0771089	2.8448457125690	(168056)	16.8	105.22794	216.49830	20.05069	3.54351	0.0748127	2.2940727125704
(168005)	16.0	276.76940	320.75029	165.56144	12.39428	0.1104196	2.6489154125691	(168057)	16.5	25.84963	304.46863	356.53839	1.22969	0.1907464	2.3869174125705
(168006)	14.7	137.96503	162.08408	72.20244	11.51870	0.0329645	3.2098106125691	(168058)	16.9	143.64259	10.94331	182.45442	2.04278	0.1424576	2.3184840125705
(168007)	15.9	200.88964	75.06118	114.45628	3.15217	0.0088190	2.8651505125691	(168059)	17.6	105.46685	93.39421	145.28277	4.67826	0.1171983	2.2547220125705
(168008)	16.1	2.48489	346.20780	61.97661	3.83562	0.0953089	2.6298823125691	(168060)	17.8	79.54290	99.99513	154.81356	2.85940	0.0892640	2.2758676125706
(168009)	16.6	22.52780	176.62681	193.06417	3.66565	0.2279755	2.5335294125692	(168061)	16.0	90.02166	278.30373	346.29690	6.54352	0.1766415	2.2220336125706
(168010)	17.1	287.65345	106.50844	5.14365	5.37017	0.1467860	2.6866289125692	(168062)	16.0	111.66601	76.88984	181.47836	4.89094	0.2951963	2.6018647125706
(168011)	16.1	350.72980	349.17367	54.24179	2.79149	0.0733688	2.9167173125692	(168063)	15.6	104.81191	35.06166	175.97531	5.37721	0.1294004	3.1815273125707
(168012)	15.4	265.19810	301.96582	155.84387	0.79281	0.0994427	3.1708144125692	(168064)	16.4	114.65643	153.55981	93.95466	3.52877	0.1824744	2.6160265125707

(168065) 17.0 142.19978 124.68826 109.20986 3.18846 0.1102421 2.3866482125707
 (168066) 14.6 63.87889 188.79017 72.13795 9.67050 0.2899658 2.7680571125708
 (168067) 16.5 43.52147 82.42409 199.04768 2.65443 0.1654199 2.5255827125708
 (168068) 16.4 118.91391 230.23345 44.86692 6.16086 0.1568214 2.2732144125708
 (168069) 16.3 92.70802 338.22103 271.87666 1.64081 0.1684153 2.3755349125708
 (168070) 17.0 51.98649 107.39419 197.11203 4.55837 0.1668974 2.2237273125709
 (168071) 15.6 85.93529 179.35758 101.59294 5.58181 0.2142243 2.6200603125709
 (168072) 16.9 96.46719 242.36304 10.41149 2.62689 0.1349086 2.3064414125710
 (168073) 17.1 134.07472 31.72209 182.30316 1.89040 0.1099261 2.3086113125710
 (168074) 16.5 47.04668 172.33949 118.98666 4.82152 0.2431394 2.3958403125710
 (168075) 16.8 31.96059 188.46518 128.72089 5.37178 0.1810488 2.2597509125710
 (168076) 18.4 78.77781 192.60704 102.70835 1.81280 0.1694734 2.1164778125711
 (168077) 16.7 54.85068 262.16419 27.23532 2.72046 0.1862277 2.4071952125711
 (168078) 15.9 44.06252 293.25490 354.98652 14.42248 0.2142782 2.6634145125711
 (168079) 17.3 116.04591 94.92938 134.93829 1.80216 0.1405210 2.3792581125712
 (168080) 17.1 130.72777 42.56118 183.58589 2.80591 0.1622273 2.3116267125712
 (168081) 17.2 150.59793 250.38239 324.25102 1.67223 0.0956536 2.1721316125712
 (168082) 17.7 102.80385 42.48033 218.10221 0.63945 0.1656371 2.3576759125712
 (168083) 15.7 87.71990 59.61729 184.21043 12.69332 0.3829899 2.6986245125713
 (168084) 17.0 317.76937 235.38662 195.18979 21.96074 0.0470437 1.8945704125713
 (168085) 16.1 93.56014 78.93792 149.18263 3.00961 0.0708196 2.6408731125713
 (168086) 17.5 112.02246 243.37368 3.04282 7.80329 0.0829300 2.2974377125714
 (168087) 17.0 102.53477 251.07413 352.68700 7.05302 0.0606823 2.2442969125714
 (168088) 16.7 36.65721 121.85644 180.64363 2.20490 0.1582091 2.4183510125714
 (168089) 17.2 95.78475 27.34918 230.28937 1.38055 0.0660142 2.2323284125714
 (168090) 16.9 52.39856 109.56163 184.06629 7.43475 0.1886017 2.6023659125715
 (168091) 16.1 117.44798 88.68471 156.28941 13.82917 0.0940664 2.6297322125715
 (168092) 16.9 94.93725 270.21512 354.71313 7.09656 0.1177584 2.2164806125715
 (168093) 17.2 37.88969 291.29646 357.98270 3.70636 0.1756909 2.6237820125716
 (168094) 16.6 52.37432 143.09082 166.85109 5.30537 0.1855928 2.3632150125716
 (168095) 16.5 98.55255 71.85513 169.66379 4.70183 0.1109591 2.3865999125716
 (168096) 16.9 72.77940 174.86875 111.81009 3.95909 0.2339313 2.3411679125716
 (168097) 16.8 107.11196 180.56527 82.89563 3.39795 0.1190589 2.2534718125717
 (168098) 16.8 110.43180 230.20324 18.22301 7.44060 0.0889983 2.2142993125717
 (168099) 15.6 66.12491 293.15111 340.98249 6.74629 0.1669872 2.6636779125717
 (168100) 17.1 70.61706 123.71817 145.64397 2.38063 0.1964394 2.6170262125718
 (168101) 17.2 109.90845 232.98976 15.64177 2.29659 0.1595144 2.3487798125718
 (168102) 17.0 90.15681 77.87686 183.31403 4.55628 0.1602407 2.4154657125718
 (168103) 16.2 105.78337 250.62343 43.57781 21.77713 0.0536359 1.9379286125718
 (168104) 16.0 29.60146 293.28867 22.79118 2.47267 0.2096631 2.4237440125719
 (168105) 16.2 65.01742 135.87799 168.10514 3.39736 0.1852582 2.3212471125719
 (168106) 17.0 92.60148 10.16131 268.38211 1.31211 0.1053507 2.1963286125720
 (168107) 16.4 101.33713 272.47504 319.10225 4.52809 0.2222658 2.6951674125720
 (168108) 16.5 31.02484 144.08415 156.43848 13.02867 0.1629317 2.5332339125720
 (168109) 16.3 93.30110 226.84720 28.96738 7.73261 0.0735420 2.4576585125720
 (168110) 16.4 63.92272 59.67245 228.40974 4.89164 0.1152907 2.3632059125721
 (168111) 17.0 144.66162 322.04078 247.47150 2.39788 0.1063784 2.3052792125721
 (168112) 15.1 74.40876 236.56845 34.21318 16.20051 0.3354517 2.7258465125721
 (168113) 15.3 40.77036 93.72388 191.05221 15.72626 0.2313055 3.1420312125721
 (168114) 16.5 49.20757 140.20403 187.03942 2.39003 0.1839455 2.3653343125722
 (168115) 15.7 110.21808 42.09133 171.37129 9.10346 0.1301516 2.7156742125722
 (168116) 16.6 89.69239 236.11846 33.51515 7.29459 0.1096582 2.3339055125722

(168117) 16.9 46.84640 284.74797 14.22603 12.73128 0.2031854 2.5855644125723
 (168118) 16.6 22.85486 273.96287 71.34443 2.30452 0.2026874 2.4089294125723
 (168119) 16.6 123.86765 68.06319 190.27196 4.28791 0.1033792 2.2399144125723
 (168120) 17.4 98.75843 52.60750 204.17449 4.25356 0.2276407 2.5727543125724
 (168121) 16.4 29.15137 129.25877 196.20226 8.75680 0.2260921 2.8013593125724
 (168122) 17.0 161.79003 2.78729 212.58295 6.35913 0.0947765 2.2532413125724
 (168123) 17.0 154.59317 247.83848 334.01693 5.09103 0.1574646 2.2782535125724
 (168124) 17.6 108.23177 241.78742 18.91085 0.80103 0.1243839 2.2461790125725
 (168125) 17.0 108.80581 267.02872 339.82657 1.77854 0.1779512 2.3577810125725
 (168126) 15.9 126.89481 55.41890 158.76409 9.19030 0.0846455 2.5777316125725
 (168127) 16.9 192.48629 43.13664 121.92014 5.20953 0.1133361 2.2486390125726
 (168128) 16.3 60.92762 271.18644 46.57338 10.31034 0.2734654 2.3645342125726
 (168129) 17.2 347.65629 212.96130 171.44620 4.67771 0.1778268 2.2493082125726
 (168130) 17.0 91.48189 221.87915 71.09969 3.64240 0.2095490 2.4036965125726
 (168131) 16.1 82.29675 76.03883 196.00418 12.48715 0.2459150 2.6810842125727
 (168132) 14.9 84.88156 292.62420 356.32954 11.10327 0.2480399 2.6022298125727
 (168133) 16.8 119.31834 103.21932 153.49697 2.54071 0.1582061 2.3079080125727
 (168134) 16.7 156.24089 7.60484 210.61118 2.80004 0.1750932 2.2865231125728
 (168135) 15.8 79.57001 42.87376 247.49965 9.83202 0.2352432 2.6257636125728
 (168136) 17.1 106.63784 255.90329 14.91930 3.03757 0.1910773 2.2904632125728
 (168137) 16.1 113.42255 52.13397 186.58843 14.21420 0.1743471 2.6152849125728
 (168138) 15.4 106.83031 59.45991 194.03087 11.51639 0.1479614 2.6508490125729
 (168139) 14.6 42.92310 292.56381 2.40779 23.62157 0.2298020 3.1090280125729
 (168140) 16.2 150.96057 255.19364 328.61277 5.86175 0.1058648 2.2044684125729
 (168141) 16.5 82.10589 233.46399 44.48072 7.22354 0.1308178 2.4280529125730
 (168142) 16.5 38.27576 239.87580 98.17563 3.91189 0.1605243 2.3758971125730
 (168143) 16.7 98.59980 84.41355 210.10152 3.08171 0.1743457 2.1718803125730
 (168144) 17.0 21.36432 93.96572 238.57341 1.38445 0.1742755 2.3975692125731
 (168145) 17.5 108.19364 134.52153 114.53086 2.35427 0.0407105 2.5450432125731
 (168146) 16.2 266.44399 314.64169 137.26190 3.33866 0.0314797 2.5362394125731
 (168147) 16.1 52.65088 234.87920 80.55640 13.35975 0.1416400 2.6713119125731
 (168148) 16.0 83.55954 85.90287 165.33383 9.39189 0.1119810 2.8066553125732
 (168149) 16.3 89.98034 235.15492 36.38213 6.80454 0.0896253 2.4314166125732
 (168150) 16.5 113.17310 262.23361 342.31940 6.48258 0.0427475 2.2944414125732
 (168151) 15.6 58.43236 73.89203 216.49274 1.17710 0.2284960 3.0647560125733
 (168152) 16.4 182.95823 16.02409 178.36799 4.96374 0.0779260 2.2750009125733
 (168153) 16.6 73.85783 248.12853 41.43598 2.65636 0.1861517 2.3816520125733
 (168154) 14.1 44.55735 95.24721 205.73783 25.20357 0.2318915 3.1237937125734
 (168155) 16.7 24.74835 160.95215 167.10967 4.21809 0.1112829 2.6268176125734
 (168156) 16.6 52.44172 202.94842 109.81424 3.31241 0.1645004 2.5559250125734
 (168157) 15.7 61.92987 101.54106 177.75669 21.02630 0.2688998 3.1332362125734
 (168158) 15.1 99.22118 156.49957 104.24411 14.28151 0.1332750 2.6504281125735
 (168159) 16.1 68.63317 39.09265 250.36389 2.89681 0.1343448 2.5775799125735
 (168160) 15.8 60.41720 88.05943 204.04850 8.68132 0.1969136 2.6861099125735
 (168161) 16.5 120.20308 197.81015 59.49286 7.15187 0.0725236 2.2897713125736
 (168162) 15.9 60.55509 201.84218 107.89132 3.70682 0.2113825 2.6274799125736
 (168163) 16.2 95.23124 70.08813 192.93098 14.55972 0.0897048 2.5855155125736
 (168164) 16.5 69.35066 117.48501 171.66416 13.01438 0.1837916 2.6374511125737
 (168165) 15.8 97.82903 48.97037 232.10502 17.19122 0.2096703 2.5756395125737
 (168166) 16.6 29.20991 154.62242 167.14145 2.98781 0.0737368 2.7317087125737
 (168167) 16.2 45.69312 125.61687 185.31635 3.42348 0.1064892 2.7028795125737
 (168168) 16.0 8.28823 140.79379 213.34275 4.30265 0.1712408 2.7858992125738

(168169) 15.6 84.36600 192.87779 85.66462 12.94270 0.1570740 2.6860923125738
 (168170) 16.6 94.17839 247.99605 23.74290 4.26185 0.1464156 2.6048964125738
 (168171) 15.5 1.94265 266.83713 106.22996 13.31339 0.1869837 2.6374882125739
 (168172) 17.5 3.47677 139.50098 215.95260 1.90016 0.0575157 2.6334956125739
 (168173) 16.2 2.50290 323.77396 54.30529 7.42883 0.1409591 2.4280580125739
 (168174) 16.9 214.57257 292.97719 206.49884 1.67657 0.1420777 2.4362119125739
 (168175) 15.8 66.67104 94.63036 195.68667 6.55219 0.1055517 2.7737694125740
 (168176) 15.6 35.08160 178.17374 134.19336 4.99829 0.1781970 3.1419480125740
 (168177) 16.7 5.40123 202.27523 191.52896 6.67047 0.1626300 2.2238842125740
 (168178) 15.9 51.18622 100.40068 213.87817 11.23627 0.1244149 2.7379994125741
 (168179) 17.4 329.84055 308.31229 83.63998 1.55375 0.1047443 2.2381033125741
 (168180) 15.5 54.29468 173.77480 151.16607 14.00886 0.1459102 2.5874692125741
 (168181) 17.4 56.46322 121.89528 204.44158 4.53846 0.1121312 2.4345591125741
 (168182) 15.6 35.30049 177.43339 145.30039 15.53217 0.1101247 2.6743667125742
 (168183) 15.9 43.34291 114.02301 220.37982 3.28579 0.2321881 2.6688065125742
 (168184) 16.7 16.38626 192.56718 159.09096 4.05281 0.1158135 2.6745535125742
 (168185) 16.5 31.30079 177.18656 144.62134 2.93494 0.0790292 2.8174123125742
 (168186) 15.7 63.40146 194.47426 114.45820 7.16211 0.1771209 2.6436868125743
 (168187) 16.5 124.00091 212.77415 63.33590 3.83229 0.2378679 2.3354169125743
 (168188) 17.0 88.49706 200.28146 72.55867 1.60663 0.1323187 2.5575524125743
 (168189) 15.3 79.66106 76.55862 223.94571 12.01394 0.1800102 2.6256340125743
 (168190) 17.0 354.17168 183.05873 179.18377 6.49105 0.0443733 2.7481529125744
 (168191) 15.6 123.12834 87.71805 161.42809 7.45905 0.1530434 2.5806496125744
 (168192) 16.3 97.11393 261.95116 1.55514 7.82632 0.1267300 2.5615071125744
 (168193) 16.1 50.54670 177.82741 95.28980 2.90160 0.1444733 3.0048851125745
 (168194) 16.5 113.66111 218.80988 38.07399 5.66137 0.0974957 2.4037210125745
 (168195) 17.0 133.48909 194.79936 36.42403 4.54995 0.1726644 2.4438797125745
 (168196) 17.0 323.82111 192.00546 216.83592 6.15239 0.0821370 2.2964003125745
 (168197) 16.7 305.49059 47.57509 19.30597 4.28383 0.1018271 2.3645552125746
 (168198) 16.2 8.71948 265.84201 91.95539 3.35588 0.2327562 2.7911871125746
 (168199) 16.7 94.80680 113.05083 150.96130 3.53909 0.0793737 2.6358602125746
 (168200) 15.9 26.35122 161.47360 174.46336 10.01500 0.1126486 2.7249160125746
 (168201) 16.6 27.20237 325.62027 11.90572 1.74590 0.2308663 2.7436598125747
 (168202) 16.1 93.58698 321.75931 313.45045 4.90364 0.1694052 2.5437175125747
 (168203) 17.6 116.17049 119.08640 138.30420 2.97426 0.1639985 2.4180160125747
 (168204) 16.4 123.37752 219.86201 55.81454 6.54808 0.1543723 2.2850704125748
 (168205) 16.3 70.81829 213.35260 69.96865 4.47254 0.1237366 2.6776543125748
 (168206) 16.2 59.31055 221.99964 77.92268 5.14618 0.1630785 2.7262552125748
 (168207) 16.2 49.32747 164.38932 136.41527 3.72289 0.0819333 2.7401932125748
 (168208) 17.0 7.08026 176.85580 195.19058 6.23702 0.1391476 2.3589517125749
 (168209) 17.2 15.58131 312.02371 65.28065 7.15049 0.1478465 2.2199453125749
 (168210) 16.9 151.23493 121.53312 117.68191 5.60275 0.0766744 2.1759783125749
 (168211) 15.5 42.71998 253.01424 92.86564 4.88005 0.2303301 2.6533476125749
 (168212) 16.3 53.93413 124.95430 177.08783 8.16919 0.1350680 2.7226955125750
 (168213) 15.1 63.39323 217.40835 65.66974 4.31794 0.1403479 3.0612778125750
 (168214) 15.9 354.90499 220.26879 200.00203 13.32927 0.0854076 2.7408307125750
 (168215) 15.9 176.66924 139.21382 42.54061 14.77098 0.0355316 2.5570611125751
 (168216) 15.7 124.53896 194.78189 38.28712 6.50349 0.2060266 2.6401901125751
 (168217) 16.6 104.88693 227.92099 61.10605 7.77452 0.1042372 2.3097762125751
 (168218) 16.0 100.98943 66.87042 214.58121 11.51150 0.2671114 2.6093693125751
 (168219) 15.7 53.24784 220.72770 89.88566 6.42029 0.0747723 2.7513021125752
 (168220) 15.5 134.75759 4.42126 195.21874 2.54441 0.2096044 2.9017072125752

(168221) 16.6 7.45366 304.47557 53.26998 3.64094 0.1853820 2.7732711125752
 (168222) 16.6 193.65589 89.72148 112.47386 3.05441 0.0583511 2.1817086125752
 (168223) 15.3 59.59788 293.07835 37.14739 15.56046 0.2905060 2.6417966125753
 (168224) 16.7 15.74920 125.12411 234.22743 2.66191 0.0779228 2.5107838125753
 (168225) 16.6 201.12109 285.05578 229.27362 3.62422 0.1032630 2.5466050125753
 (168226) 16.3 103.76984 347.65092 274.48784 1.17919 0.1695070 2.6456929125753
 (168227) 16.5 82.66100 228.14154 52.94536 3.30117 0.1124273 2.6296760125754
 (168228) 16.9 337.24276 132.18203 270.21004 1.18873 0.1960283 2.3735636125754
 (168229) 16.4 21.52049 149.49724 228.12600 1.97651 0.1883682 2.3458928125754
 (168230) 16.0 91.26566 265.57893 349.73445 12.76607 0.1814648 2.7128035125755
 (168231) 15.3 69.81529 76.86450 207.06302 9.98984 0.0945231 2.9658972125755
 (168232) 15.7 141.78368 31.41316 191.53204 7.50924 0.1225154 2.5908014125755
 (168233) 16.3 29.54853 190.07183 145.08543 10.80187 0.1811445 2.6280115125755
 (168234) 16.4 107.96529 120.68988 145.95153 8.06738 0.1701526 2.5977557125756
 (168235) 16.0 40.24651 134.39892 179.07440 10.16028 0.1361188 3.0258857125756
 (168236) 15.8 1.83891 221.39148 139.46692 5.90770 0.0737964 2.7248588125756
 (168237) 15.6 17.01930 278.57578 83.79190 15.16364 0.1156994 2.5437470125756
 (168238) 16.5 12.29022 194.97397 153.50737 6.84204 0.0646552 2.7646870125757
 (168239) 15.2 42.04315 215.01995 101.23030 17.58555 0.1501483 3.0484554125757
 (168240) 16.6 84.15610 165.27602 129.53294 3.02062 0.1303280 2.6259967125757
 (168241) 15.3 21.38334 233.17632 126.09551 13.69619 0.2763321 2.6355106125757
 (168242) 16.1 133.18969 350.54121 231.05807 9.75457 0.1947899 2.7040069125757
 (168243) 15.2 76.61256 314.70407 315.87915 5.59350 0.1512696 3.0087587125758
 (168244) 14.9 105.14599 177.67845 81.72996 18.60266 0.1985004 2.7604066125758
 (168245) 16.3 103.11665 149.83111 125.19774 4.82378 0.1645538 2.5808759125758
 (168246) 16.8 78.55980 36.87604 236.75151 5.19987 0.1308395 2.6854649125758
 (168247) 15.8 38.91904 162.23531 153.80060 9.57252 0.1228641 3.0390996125759
 (168248) 16.4 84.71955 113.84271 184.54284 14.84292 0.1388663 2.5443709125759
 (168249) 15.4 52.88249 143.35319 190.77382 14.90767 0.1565212 2.5974690125759
 (168250) 16.3 10.42387 335.30395 35.57201 7.64154 0.1343883 2.3439291125759
 (168251) 16.1 79.47210 262.66606 30.69057 4.77955 0.1498401 2.6795399125760
 (168252) 15.3 58.71122 257.22614 36.21662 9.60910 0.1419338 3.1073320125760
 (168253) 15.8 77.45349 139.66191 158.57770 5.40900 0.1012710 2.7265483125760
 (168254) 17.3 148.19522 42.98378 186.80608 4.98528 0.1095781 2.4259882125761
 (168255) 14.5 121.75280 241.83435 3.43419 25.36290 0.0935202 3.1693535125761
 (168256) 16.2 18.16401 261.94713 115.04039 12.76999 0.2131639 2.3450379125761
 (168257) 15.4 46.66117 129.67291 211.60718 14.37680 0.1649858 2.6210468125762
 (168258) 14.9 66.38817 115.23722 219.74423 14.60318 0.1814974 2.5419836125762
 (168259) 15.7 111.54030 165.66904 128.33468 15.11282 0.0339771 2.6352112125762
 (168260) 15.7 317.55873 194.42752 265.12010 11.66832 0.0569786 2.6662227125762
 (168261) 15.6 178.71725 54.65896 151.48588 12.32023 0.0416690 3.0465368125763
 (168262) 14.6 52.50585 288.94759 61.50698 19.12685 0.1856258 2.0996456125763
 (168263) 15.0 51.50242 293.03548 60.41579 3.83021 0.0550372 3.0272584125763
 (168264) 15.2 62.38558 23.15976 302.08744 8.03713 0.0676367 3.0916065125763
 (168265) 15.7 224.73062 109.43827 79.73588 6.35346 0.0644463 2.7324727125764
 (168266) 15.3 159.32484 240.30080 355.62568 8.65111 0.0895083 2.9813314125764
 (168267) 15.8 62.43645 291.03934 96.63959 3.12960 0.1196188 3.1888963125764
 (168268) 15.7 19.28613 139.39623 184.26861 7.59972 0.2284043 2.8081587125764
 (168269) 16.7 16.62163 50.07256 276.50600 0.47283 0.1934969 2.4156789125765
 (168270) 16.1 48.58808 140.39971 141.88274 26.20654 0.0546238 2.5431484125765
 (168271) 15.7 13.23472 0.11570 13.91403 10.88442 0.2296811 2.3887069125765
 (168272) 16.3 4.34689 201.52278 135.49232 3.05341 0.2257487 2.8035586125766

(168273)	15.1	8.12143	350.93579	357.85594	15.37599	0.2655645	3.1900903125766
(168274)	16.1	20.30037	283.46154	60.44848	3.16712	0.2272506	2.3827826125766
(168275)	16.4	29.35269	238.01270	101.39491	3.64378	0.2072780	2.3983180125767
(168276)	15.2	104.30515	256.41501	317.90493	17.02898	0.1274678	2.6975490125767
(168277)	14.6	337.26556	219.82540	158.32460	21.67101	0.0357162	3.1707425125767
(168278)	17.1	14.75010	82.03673	255.24470	1.73060	0.2414136	2.3675311125768
(168279)	16.6	345.90786	178.00054	200.28324	1.60680	0.2236602	2.4103640125768
(168280)	13.0	346.64912	88.98307	281.28955	1.34301	0.0537205	5.2461890125768
(168281)	16.4	4.21217	198.14714	164.88352	5.30517	0.2036632	2.4057553125769
(168282)	15.4	26.25443	149.54214	175.32775	1.58742	0.1662701	3.1706511125769
(168283)	15.1	356.87402	187.21021	177.75829	15.37921	0.0816751	3.1341370125769
(168284)	16.0	359.31544	18.62375	3.29184	9.75068	0.2412345	2.7356029125770
(168285)	16.0	24.08432	156.11974	167.47488	10.35807	0.1322808	3.0396423125770
(168286)	17.7	58.27334	325.34513	330.51490	3.09216	0.1961629	2.1852821125770
(168287)	16.6	57.90387	19.73418	287.75576	1.85223	0.1641360	2.2103470125771
(168288)	16.6	44.33209	77.16100	215.25028	2.37526	0.1852120	2.9737636125771
(168289)	16.8	29.23282	343.17466	351.27962	1.93087	0.2321992	2.3613404125771
(168290)	17.2	6.84126	24.35009	3.92444	6.73876	0.2134884	2.2387887125772
(168291)	15.6	32.63555	93.48695	243.70254	8.93458	0.2980853	3.0088482125772
(168292)	15.0	96.00011	278.83405	1.53630	11.03780	0.0278903	3.0051896125772
(168293)	16.9	1.83413	348.10572	4.92245	4.79103	0.2318036	2.3596650125773
(168294)	17.2	323.85682	186.33026	217.53538	1.74719	0.1996872	2.3611582125773
(168295)	15.2	12.96664	44.81064	345.49734	5.26326	0.1515663	3.2200516125773
(168296)	15.1	6.77905	3.23497	23.92061	5.48674	0.1151549	3.2276886125773
(168297)	16.4	9.49595	321.46826	35.90658	6.53934	0.1955329	2.2426692125774
(168298)	16.2	223.94521	346.32712	198.23664	8.74287	0.1478479	2.4386874125774
(168299)	14.7	331.37060	85.45727	355.13964	15.85045	0.0816355	3.1402593125775
(168300)	15.1	331.24709	57.35059	20.22310	4.04136	0.1770382	3.1470103125775
(168301)	15.5	42.37726	314.92704	5.81357	11.90498	0.1953856	2.6207617125775
(168302)	16.9	346.61862	47.58181	355.04694	5.78395	0.1919508	2.2589812125776
(168303)	15.9	54.05226	290.26727	25.77086	4.41548	0.2940808	3.1752985125776
(168304)	14.5	317.31768	273.87386	180.58178	26.40045	0.1211355	3.1442814125777
(168305)	16.4	23.80669	213.86400	144.88156	3.32547	0.2147813	2.6155838125777
(168306)	14.9	31.19902	164.98580	168.19873	11.99855	0.1324611	3.1836179125777
(168307)	16.4	81.48073	80.58993	259.30427	4.18028	0.2619343	2.3844532125778
(168308)	16.4	12.57296	105.18153	234.11099	11.15745	0.2788271	2.6494549125778
(168309)	16.2	332.97391	60.69882	345.63069	6.14702	0.1417867	2.4189299125778
(168310)	16.7	5.86286	6.75835	16.27090	7.69234	0.2034574	2.2296461125779
(168311)	17.2	356.57952	193.18959	151.44794	1.82445	0.1869220	2.2457195125779
(168312)	16.7	338.39747	343.05056	52.95753	3.02849	0.2123363	2.6471598125780
(168313)	16.0	344.77284	308.24578	74.20899	6.96231	0.1683519	2.6491720125780

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

1998 TF ₉	=	2006 FT ₂₁	<i>MPO</i>	99896
1999 RX ₁₉₂	=	2005 YN ₉₂	<i>MPO</i>	93758

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

1981 EN₄₆ = 2002 CF₂₇₅ = 2007 RN₁₉₉

1992 DX ₉	=	2003 HX	=	2004 RC ₂₅₀
1993 FY ₃₁	=	2006 ND	=	2007 TC ₁₂₉
1993 FS ₆₂	=	2004 HM ₇₈		
1993 NX ₁	=	2000 OO ₅₈	=	2003 HV ₂₄ = 2007 RH ₂₄₂
1993 TY ₂₃	=	2001 QB ₂₆₃	=	2001 PE ₆₇
1994 GA ₂	=	2003 FU ₁₃₁	=	2005 UQ ₁₀₁
1994 RT ₄	=	2004 JB ₈		
1994 SQ ₁₁	=	2007 TZ ₃₂		
1995 SC ₂₄	=	2007 RG ₂₀₆		
1995 SM ₆₂	=	2007 TU ₆₀		
1995 TV ₃	=	2007 TP ₁₇₈		
1995 UU ₂₄	=	2003 UM ₈₅	=	2007 TP ₁₂₁
1996 BX ₉	=	2007 RA ₁₅₂		
1996 TP ₂₅	=	2007 RY ₂₂₂		
1996 TX ₃₁	=	2007 TO ₉₅		
1996 TJ ₃₄	=	1996 TA ₆₉	=	2007 RJ ₁₄₆
1996 TE ₃₆	=	2007 RJ ₂₀₄		
1996 VC ₃₃	=	2007 RE ₄	=	2007 QQ ₈
1996 VB ₃₉	=	2001 PU ₁₇	=	2007 TH ₁₂
1996 XV ₁₇	=	2007 TZ ₁₁		
1996 XV ₂₃	=	2007 TJ ₁₅₀		
1997 HV ₁	=	2007 TL ₂₁		
1997 NW ₅	=	2007 DQ ₁		
1997 NC ₆	=	2007 RK ₄₄		
1997 SH ₁₅	=	2007 TP ₁₇₉		
1998 QM ₁₁₁	=	2007 TU ₁₅₉		
1998 RK ₁₆	=	1999 YO ₂₉	=	2004 GS ₁₃
1998 RQ ₂₁	=	2007 TM ₂₆		
1998 RP ₃₆	=	2006 HC ₁₁₈	=	2007 RK ₂₃ = 2007 SP ₁
1998 RB ₅₆	=	2007 RF ₁₄₅		
1998 SF ₂₁	=	2007 RU ₂₃₄		
1998 SQ ₃₄	=	2007 RS ₁₄₁		
1998 SY ₄₄	=	2001 FK ₁₈₇		
1998 SL ₁₁₆	=	2002 PZ ₉₆	=	2005 FX ₉
1998 SN ₁₄₀	=	2007 TE ₁₂		
1998 SH ₁₅₅	=	2007 SO ₃		
1998 WX ₃₅	=	2007 TO ₁₃		
1998 WD ₃₈	=	2003 YR ₁₇₃		
1998 XG ₁₉	=	2007 TV ₆₄		
1998 XL ₂₅	=	2007 TN ₁₅₄		
1999 EL ₁₄	=	2005 JH ₅₇	=	2007 RQ ₁₈₁
1999 GE ₁₄	=	2007 RF ₂₀₈		
1999 GH ₅₈	=	2006 EX ₃₈	=	2007 SB ₄
1999 JR ₁₃₃	=	2003 EQ ₂₉	=	2004 RU ₂₄₂
1999 RS ₁₈₁	=	2004 XU ₆₅	=	2006 DY ₈₂
1999 RJ ₂₅₂	=	2007 RW ₂₆		
1999 TK ₂₁	=	2007 SE ₁₂		
1999 TK ₂₈	=	2007 TV ₇₄		
1999 TD ₈₇	=	2007 TW ₃₇		
1999 TT ₁₂₁	=	1999 TT ₁₄₁	=	2007 TV ₁₆₃
1999 TX ₁₃₂	=	2007 TJ ₄₈		
1999 TR ₂₀₄	=	2005 LG ₁₄	=	2005 JE ₁₈₄

1999 TZ₂₂₇ = 2007 TQ₄₀
 1999 TB₂₅₅ = 2005 ED₄
 1999 TJ₂₆₄ = 2007 TL₁₃₄
 1999 TD₂₉₉ = 2007 TC₃₂
 1999 VP₄₀ = 2006 KP₁₄₃
 1999 VW₁₃₂ = 2007 JP₄₄
 1999 VJ₁₆₅ = 2004 DT₆₂
 1999 XR₁₆₃ = 2007 RE₂₈₁
 1999 XU₂₃₈ = 2002 NA₆₁
 1999 YK₁₀ = 2007 TN₇₀
 1999 YG₁₉ = 2003 AQ₉₄
 2000 AB₂₂₁ = 2004 TS₄ = 2007 HD₉₃
 2000 BQ₁₀ = 2007 TW₁₈₁
 2000 BL₁₃ = 2007 TQ₆₉
 2000 BG₃₄ = 2002 XG₂₂ = 2005 TN₁₉₃
 2000 BV₄₀ = 2007 TH₆₇
 2000 CD₈ = 2006 QU₆₄
 2000 CA₁₃₁ = 2002 NY₆₆
 2000 DW₄₈ = 2004 CT₇₃ = 2006 QZ₁₇₅
 2000 DO₆₃ = 2007 RL₁₀
 2000 DA₆₈ = 1996 GS₂₁ = 2004 BQ₁₅₀
 2000 DM₉₁ = 2006 SK₃₅₆ = 2006 UT₆₇
 2000 ED₂₃ = 2001 RY₁₁₂ = 2005 UP₈₆
 2000 EG₅₁ = 2007 TB₅
 2000 EP₆₄ = 2006 AH₁₀₂
 2000 EL₁₁₉ = 2004 BP₁₀₈ = 2004 BD₁₆₃
 2000 EH₁₇₆ = 2002 TR₁₄₀ = 2005 EV₂₄₄ = 2007 RM₂₈₂
 2000 ED₂₀₄ = 2006 RV₈₅
 2000 GM₁₂ = 2001 SN₃₅₄
 2000 GL₂₆ = 2007 RX₁₃₅ = 2007 TV₇₅
 2000 HL₁₆ = 2007 RC₁₂₀
 2000 HN₁₉ = 2001 ST₃₃₉ = 2007 TO₅₃
 2000 JA₇ = 2007 RJ₂₂₀
 2000 QA₁₁₅ = 2007 RR₁₄₀
 2000 QN₂₁₀ = 2007 RA₂₄₅
 2000 SK₅₁ = 2007 TT₇₃
 2000 SN₅₃ = 2007 TD₇
 2000 SL₅₅ = 2007 RY₄₈
 2000 SR₅₉ = 2007 TA₇
 2000 SP₈₀ = 2007 TF₁₈₆
 2000 SM₈₁ = 2007 PM₃₂
 2000 SS₈₉ = 2007 SQ₃
 2000 SE₉₈ = 2007 TV₁₄₆
 2000 SS₁₀₂ = 2007 TV₅
 2000 SE₁₅₈ = 2007 TJ₁₀
 2000 SE₁₆₄ = 2007 TT₂₁
 2000 SA₁₈₁ = 2007 TQ₇₉
 2000 SZ₁₉₄ = 2007 RQ₂₄₁
 2000 SF₂₀₀ = 2007 RM₁₉₂
 2000 SG₂₁₁ = 2007 TW₆₇
 2000 SZ₂₁₄ = 2007 TN₇₁
 2000 SL₂₁₈ = 2006 GS₃₉

2000 SV₂₂₇ = 2007 TB₃₅
 2000 SS₂₃₆ = 2007 TO₁₇₉
 2000 SH₂₄₆ = 2007 TA₉₂
 2000 SR₂₅₀ = 2002 ED₁₂₁ = 2007 RU₇
 2000 SD₂₈₉ = 2005 EJ₄₀ = 2007 TW₄₁
 2000 SU₃₀₀ = 2000 TV₆₉
 2000 SO₃₀₃ = 2007 TY₈₁
 2000 SZ₃₀₈ = 2007 TT₁₄
 2000 SV₃₄₅ = 2007 TT₃₈
 2000 SV₃₅₉ = 2007 TV₁₅₃
 2000 SW₃₆₁ = 2007 SG₁₂
 2000 TW₇ = 2007 RA₂₄₆
 2000 TB₁₁ = 2007 TF₃₅
 2000 TB₄₅ = 2007 RL₂₄₁
 2000 UH₄₈ = 2002 EC₁₆₂
 2000 UH₇₀ = 2007 RB₁₂₄
 2000 US₇₅ = 2007 TF₁₁₀
 2000 UN₇₆ = 2007 TM₁₀₉
 2000 WZ₁₅ = 2007 RC₃₈
 2000 WV₅₁ = 2000 UW₁₁₄ = 2007 RR₁₀
 2000 WU₆₃ = 2007 RK₁₇₃
 2000 WR₉₅ = 2001 AV₅₂
 2000 WD₁₁₀ = 2007 TM₈₄
 2000 WO₁₅₅ = 2007 SZ₁₇
 2000 WF₁₇₀ = 2007 TO₃₁
 2000 XF₂₇ = 2007 TY₁₆₅
 2000 YV₁₅ = 2007 TY₁₁₄
 2001 AV₂₉ = 2007 TV₉₄
 2001 CR₄₈ = 2004 TR₂₉₃
 2001 FU₆₆ = 2005 CQ₉
 2001 FQ₁₀₁ = 2007 TC₁₁₈
 2001 FK₁₅₈ = 1991 YA₂ = 1999 RC₅₃
 2001 KR₂₂ = 2007 TV₁₈₇
 2001 OY₃₉ = 2007 TL₁₁₅
 2001 OK₁₁₃ = 2007 TE₁₄₈
 2001 QD₉ = 2007 TL₁₃₆
 2001 QY₃₉ = 2007 TT₁₀₉
 2001 QK₇₂ = 2001 QK₃₃₂ = 2007 TN₉₁
 2001 QH₉₂ = 2007 TS₁₁₃
 2001 QQ₉₂ = 2005 HW₉ = 2007 TG₆₀
 2001 QE₁₅₈ = 2007 TQ₁₁₁
 2001 QN₁₇₂ = 2007 TX₁₃
 2001 QW₂₀₉ = 2007 SW₁₄
 2001 QU₂₂₃ = 2007 TP₅₇
 2001 QV₂₄₁ = 2001 QL₃₃₄
 2001 QG₂₆₈ = 2001 PG₆₄
 2001 QZ₃₃₃ = 2007 TT₆
 2001 RV = 2001 LX₁₉
 2001 RF₅₆ = 2007 TE₁₈₄
 2001 RP₆₂ = 2007 TZ₉₃
 2001 RS₆₅ = 2007 TE₁₆₈
 2001 RH₈₂ = 2007 TN₁₆₂

2001 RJ₈₄ = 2005 EP₁₁₇ = 2007 RB₅₈
 2001 RC₁₀₅ = 2007 TG₁₈₅
 2001 RM₁₂₅ = 2007 TB₆₁
 2001 RZ₁₂₈ = 2007 TN₇₈
 2001 RH₁₃₀ = 2007 RO₂₇₀
 2001 RE₁₅₀ = 2007 TS₁₈₃
 2001 SD₂₃ = 2003 FK₁₀₂
 2001 SC₃₆ = 2007 BE₇₆
 2001 SS₈₁ = 2007 TU₁₅₇
 2001 SX₈₅ = 2007 RE₂₇₁
 2001 SO₁₄₂ = 2007 TU₁₇₂
 2001 SV₁₄₂ = 2007 TX₁₃₉
 2001 SS₁₉₃ = 2007 TR₃₉
 2001 SO₂₀₇ = 2007 TK₁₅₉
 2001 SN₂₃₆ = 2007 TV₁₀₀
 2001 SL₂₇₄ = 2007 TX₁₅₅
 2001 SY₂₈₆ = 1994 AL₁₇
 2001 SZ₃₀₈ = 2007 TL₁₂₂
 2001 SQ₃₄₉ = 2007 TT₆₉
 2001 TM₂₅ = 2003 EX₆₂
 2001 TM₅₇ = 2007 RP₁₇₉
 2001 TK₁₅₈ = 2007 TW₆₉
 2001 TF₂₀₅ = 2007 TH₂₂
 2001 TX₂₅₇ = 2007 TS₁₂₉
 2001 UK₆₇ = 2006 SA₁₉₉
 2001 US₁₄₃ = 2007 TS₄₀
 2001 VH₇₃ = 2004 LV₁₉ = 2006 SK₂₅₃
 2001 VS₁₀₄ = 2004 JN₅₅
 2001 WS₄₇ = 2006 SN₁₂₃
 2001 YC₁₄₆ = 2004 SB₄₉ = 2004 TG₃₆₈
 2002 AB₁₃₇ = 2003 GZ₅₅
 2002 AC₁₇₁ = 2004 MW
 2002 CQ = 2007 TW₁₅₅
 2002 CF₅₆ = 2004 RY₂₃₄
 2002 CO₈₈ = 2007 SE
 2002 CZ₁₆₄ = 2000 TJ₃₄
 2002 CA₁₇₂ = 2007 TN₁
 2002 CN₁₈₅ = 2007 RB₂₅₇
 2002 CH₁₉₀ = 2003 KD₃₇
 2002 CM₂₃₀ = 2007 TJ₁₇₀
 2002 CJ₃₀₂ = 2007 TQ₁₈₁
 2002 DP₁₅ = 2007 JK₃₄
 2002 EN₁₀₁ = 2007 TE₁₅₉
 2002 ER₁₂₉ = 2007 TK₈₀
 2002 EK₁₄₇ = 2007 RL₂₅₆
 2002 EJ₁₅₅ = 2007 TS₁₃₂
 2002 FX₁ = 1997 ET₂₉ = 2004 RG₂₂₅
 2002 GB₁₅ = 2000 TT₇
 2002 GH₅₃ = 2007 RG₁₁₈
 2002 GU₉₂ = 2007 TF₁₇
 2002 GM₁₀₁ = 2007 RO₂₈₂
 2002 GR₁₁₅ = 2004 XJ₁₇₅

2002 GK₁₂₃ = 2007 FR = 2007 EW₁₃₁
 2002 GU₁₃₁ = 2003 UE₄₁₄ = 2006 EK₆₄
 2002 GQ₁₅₀ = 2007 RD₉₄
 2002 GP₁₆₂ = 2004 XF₁₉₂
 2002 GS₁₆₉ = 2007 TO₁₆₄
 2002 GT₁₇₉ = 2007 TN₃₂
 2002 GR₁₈₂ = 2006 DS₁₆₈
 2002 JZ₃₁ = 2007 TP₈₅
 2002 JG₄₂ = 2007 TQ₁₇₃
 2002 JU₁₀₄ = 2007 TA₁₅₇
 2002 JX₁₃₈ = 2007 TH₇₇
 2002 JS₁₃₉ = 2003 ST₃₄₇
 2002 JC₁₄₇ = 2007 TU₁₈₁
 2002 KU₁ = 2007 TA₇₁
 2002 LM₅ = 2007 TE₁₁₅
 2002 LF₂₇ = 2007 ER₁₈₂
 2002 LW₃₉ = 2007 TL₁₄₇
 2002 NB₄₂ = 2007 TP₁₅₁
 2002 NH₅₀ = 2007 TO₃₉
 2002 NJ₆₅ = 2001 HS₆₆
 2002 NT₆₅ = 2006 SR₃₁₁
 2002 NV₆₅ = 1999 VM₁₁₅ = 2005 EL₁₁₀ = 2005 EP₃₂₅
 2002 NB₆₇ = 1999 RY₉₆
 2002 OR₁₅ = 2007 RM₂₇₆
 2002 PD₃₃ = 2007 TN₁₅₉
 2002 PO₈₀ = 2002 NG₆₇ = 2005 GX₄₇
 2002 PF₁₀₅ = 2007 TZ₁₄₄
 2002 PK₁₀₆ = 2007 TE₁₈₂
 2002 PN₁₀₆ = 2007 TX₁₅₉
 2002 PA₁₃₆ = 2007 TR₁₄
 2002 PU₁₄₀ = 2003 YL₁₃₁ = 2007 TP₇₀
 2002 PZ₁₈₀ = 1994 UU₃ = 2003 YZ₇₄ = 2005 JC₄
 2002 QN₅ = 2007 TL₁₅₆
 2002 QV₁₂ = 2007 TG₁₅₂
 2002 QN₃₄ = 2007 TS₁₆
 2002 QK₃₇ = 2007 TA₁₂₂
 2002 QQ₄₅ = 2007 KB₉
 2002 QR₄₇ = 2007 TP₁₁
 2002 QK₆₆ = 2005 EU₆₃ = 2007 RR₆₇
 2002 QP₆₇ = 2007 TV₁₇₆
 2002 QA₆₈ = 2007 TH₁₇₆
 2002 QD₇₂ = 2007 TK₃₆
 2002 QV₇₈ = 2007 TP₇₉
 2002 QH₇₉ = 2006 HS₁₅₂
 2002 QJ₈₃ = 2007 TJ₁₃₁
 2002 QW₈₆ = 2007 TM₈₉
 2002 QX₈₈ = 2006 DS₁₆₃ = 2007 MR₃
 2002 QR₈₉ = 2007 TD₃₂
 2002 QP₉₀ = 2007 SM₁₃
 2002 QJ₉₁ = 2007 TL₁₈₆
 2002 QO₉₁ = 2007 TL₈₁
 2002 QG₉₃ = 2007 TF₄₂

2002 QK₉₆ = 2007 MK₁₆
 2002 QV₁₁₅ = 2005 FR₂ = 2006 PL₃₈
 2002 QZ₁₁₆ = 2006 FU₅
 2002 QA₁₁₉ = 2005 EX₂₂₈
 2002 QX₁₂₀ = 2007 RM₂₁₂
 2002 QD₁₂₁ = 2003 XJ₂₄
 2002 QZ₁₂₁ = 2006 DW₇
 2002 QG₁₂₂ = 2004 CM₉₂
 2002 RE₁₇ = 2007 SJ₁₇ = 2007 PA₄₅
 2002 RM₂₉ = 2007 TP₁₄₄
 2002 RO₄₅ = 2007 TL₁₄₈
 2002 RA₇₂ = 2005 EC₇₅ = 2007 SB₁₈
 2002 RW₁₂₂ = 2007 TK₁₈₂
 2002 RF₁₂₅ = 2007 PJ₄₃
 2002 RX₁₃₈ = 2007 TS₈₄
 2002 RL₁₄₄ = 2007 TW₁₂₇
 2002 RJ₁₈₉ = 2006 KS₁₂₁ = 2007 RF₁₆₀
 2002 RU₁₉₄ = 2007 RS₂₀
 2002 RB₁₉₆ = 2007 TU₁₄₅
 2002 RA₁₉₇ = 2007 SD₈
 2002 RW₂₀₇ = 2007 TS₉₃
 2002 RU₂₂₃ = 2007 TT₁₄₇
 2002 RT₂₂₆ = 2007 TF₈₈
 2002 RL₂₃₆ = 1994 SZ₄ = 1998 QL₅₈
 2002 RE₂₃₇ = 2007 TO₈₃
 2002 RJ₂₃₇ = 2007 TN₅₀
 2002 RF₂₄₂ = 2002 QF₁₂₂
 2002 RR₂₄₆ = 2007 TF₁₆₇
 2002 RL₂₅₈ = 2007 RB₁₉₆
 2002 RK₂₆₀ = 2007 TO₁₃₉
 2002 RR₂₆₇ = 2007 TZ₄₅
 2002 RK₂₆₈ = 2007 TL₁₆₁
 2002 RP₂₆₈ = 2007 TR₇₆
 2002 RL₂₇₁ = 2006 JK₂₃ = 2006 LB₈
 2002 RN₂₇₃ = 2006 UO₂₉₂
 2002 RN₂₇₇ = 2006 VH₁₅₆
 2002 RR₂₇₇ = 2000 CO₁₄₉
 2002 SN₁₄ = 2007 TG₉
 2002 SE₂₄ = 2007 TC₁₈₄
 2002 SB₅₂ = 2007 TR₁₈₅
 2002 SY₅₉ = 2007 PV₃₉
 2002 ST₆₁ = 2007 TY₃₀
 2002 SV₆₃ = 2007 TZ₁₅₆
 2002 SJ₆₆ = 2007 TD₄
 2002 SP₆₇ = 2007 TQ₁₄₁
 2002 SS₆₇ = 2007 TM₄₁
 2002 SV₇₀ = 2005 ES₂₃₅ = 2005 FC₁₁
 2002 TK₆ = 2007 TC₃₅
 2002 TF₁₂ = 2007 TZ₄₆
 2002 TP₁₇ = 2007 RV₂₂₇
 2002 TE₅₇ = 2007 RE₂₈₀
 2002 TD₆₁ = 2007 QF₄

2002 TF₈₈ = 2007 TV₁₅₈
 2002 TC₉₈ = 2007 TC₆₁
 2002 TZ₁₀₄ = 2006 WL₄₈ = 2006 XR₆₉
 2002 TC₁₀₅ = 2007 SF₁₄
 2002 TJ₁₀₉ = 2007 UX₅
 2002 TA₁₁₂ = 2007 NA₇
 2002 TK₁₂₅ = 2007 TV₁₆₆
 2002 TB₁₄₀ = 2007 RE₅
 2002 TT₁₄₀ = 2007 TE₅
 2002 TP₁₅₇ = 2007 TE₁₁₀
 2002 TW₁₉₄ = 2007 RK₂₆₂
 2002 TE₂₃₉ = 2007 TQ₁₆₇
 2002 TJ₂₄₅ = 2007 TS₁₀₂
 2002 TM₂₅₁ = 2007 RG₃ = 2007 QD₆
 2002 TY₂₆₂ = 2004 CO₃₀ = 2005 GC₇₅
 2002 TT₂₉₃ = 2007 MO₁₄
 2002 TZ₃₀₉ = 2007 TS₄₅
 2002 TU₃₁₉ = 2007 RV₁₂₀
 2002 TQ₃₇₇ = 2002 TM₃₂₄ = 2005 KV₄
 2002 TE₃₇₈ = 2007 TU₁₅₂
 2002 UG₁₃ = 2007 TU₁₁₃
 2002 UT₁₄ = 2007 MY₁₅
 2002 UP₆₅ = 2007 TU₁₃₇
 2002 UT₇₁ = 2007 TR₁₅₀
 2002 VZ₂ = 2007 TK₂₁
 2002 VZ₃ = 2007 TK₁₅₀
 2002 VP₉ = 2007 TB₁₁₁
 2002 VQ₁₅ = 2007 RW₂₈₁
 2002 VJ₃₁ = 2007 TW₁₅₉
 2002 VC₆₇ = 2005 JG₈₂ = 2007 RF₁₀₅
 2002 VF₆₈ = 2007 RC₂₈₂ = 2007 RD₂₈₂ = 2007 TQ₅
 2002 VY₈₈ = 2007 SM
 2002 VL₉₀ = 2007 SY
 2002 VS₁₀₃ = 2007 TN₁₅₀
 2002 VV₁₁₃ = 2006 SE₂₁₁
 2002 VW₁₂₅ = 2007 TF₁₈₅
 2002 VB₁₃₆ = 2007 TZ₅₂
 2002 WJ₇ = 2007 TC₁₅₆
 2002 WL₉ = 2001 SE₃₅₂ = 2005 GP₇₆ = 2005 EY₂₈₈
 2002 WT₁₂ = 2007 RF₁₆₂
 2002 WT₁₆ = 2007 TO₂₁
 2002 WT₁₉ = 2007 UD
 2002 WH₂₁ = 2007 RH₁₇₄
 2002 XE₁₂ = 2007 RB₂₈₁
 2002 XJ₃₅ = 2007 SE₁
 2002 XZ₅₈ = 2007 TC₁₇
 2002 XP₆₃ = 2007 TZ₁₈₃
 2002 XG₆₆ = 2007 RF₈₃
 2002 XY₁₀₆ = 2007 TN₁₃₈
 2002 XB₁₁₇ = 2006 SC₃₄₂
 2002 YM₉ = 2001 OC₆₀ = 2007 RG₁₄₂
 2002 YE₁₀ = 2007 TU₁₇₈

2002 YD₂₃ = 2007 TG₁₇
 2003 AZ₁₀ = 2007 TJ₁₃₇
 2003 AT₂₅ = 2007 SC₁₅
 2003 AK₇₆ = 2007 TP₇
 2003 BC₂₄ = 2007 TC₁₇₀
 2003 BT₉₀ = 2001 RZ₁₅₅
 2003 FN₁₈ = 2001 WN₇₃ = 2001 XL₂₆₇
 2003 FY₁₁₉ = 2007 TX₁₅
 2003 HF₁₉ = 2007 EV₉₆
 2003 HS₄₇ = 2003 HW₅₅ = 2007 RF₁₄
 2003 JE₈ = 2007 RK₁₄₅
 2003 KE₁₄ = 2007 RZ₂₅₅
 2003 OV₂ = 2007 TH₁₄₈
 2003 ON₂₀ = 2007 TW₁₄₀
 2003 OH₂₇ = 2007 TY₉
 2003 PH₅ = 2007 TL₁₅₀
 2003 QD₅ = 2007 TH₁₄₉
 2003 QZ₁₁ = 2007 TJ₁₈₇
 2003 QG₃₁ = 2007 TW₁₃₈
 2003 QD₃₄ = 2007 RH₁₄₆
 2003 QJ₃₅ = 2007 RH₂₂₁
 2003 QE₃₇ = 2007 TD₁₅₉
 2003 QC₄₄ = 1995 WH₄₄
 2003 QF₅₉ = 1999 TG₃₂₄
 2003 QR₆₅ = 2007 TN₁₆₉
 2003 QY₆₆ = 2007 TS₂₅
 2003 QW₆₇ = 2007 JC₄₀
 2003 QB₈₅ = 2003 QU₁₅
 2003 QF₈₇ = 2007 TQ₁₅
 2003 QA₉₄ = 2007 TB₁₁
 2003 QN₉₆ = 2007 TC₁₇₄
 2003 QO₁₀₃ = 2007 TQ₇₃
 2003 QF₁₀₄ = 2005 XD₃₄
 2003 RK₂ = 2007 TN₁₆
 2003 RX₁₅ = 2007 TZ₁₅₃
 2003 RW₁₇ = 2007 TD₁₄₅
 2003 RZ₂₂ = 2007 TY₁₂₂
 2003 SX₁₃ = 2007 UD₃
 2003 SN₁₄ = 2006 KQ₁₄₃ = 2007 TK₅₇
 2003 SH₃₃ = 2007 TZ₇₇
 2003 SG₃₄ = 2007 TH₄₅
 2003 SJ₃₅ = 2007 TJ₆₄
 2003 SC₅₀ = 2003 RQ₂₆
 2003 SP₅₁ = 2007 TC₁₇₉
 2003 SZ₅₇ = 2007 RZ₂₇₅
 2003 SS₆₁ = 2007 TS₄
 2003 SH₉₅ = 2005 EK₂₉₅
 2003 SY₉₈ = 2007 RD₂₂
 2003 SO₁₀₃ = 1999 TF₃₂₈
 2003 SK₁₁₄ = 2007 TE₁₆₉
 2003 SY₁₃₁ = 2007 TS₁₆₇
 2003 SP₁₄₄ = 2007 NX₆

2003 SB₁₆₁ = 2007 TL₈₂
 2003 SK₁₈₀ = 2007 TQ₁₅₁
 2003 SG₂₃₁ = 2007 TX₁₃₇
 2003 SF₂₈₈ = 2007 RD₁₅₀
 2003 SA₂₉₁ = 2007 TE₇₅
 2003 SH₂₉₄ = 1998 HA₁₅₉
 2003 SS₃₀₁ = 2007 TS₁₄₄
 2003 SE₃₀₉ = 2007 RY₂₇₆
 2003 SU₃₂₂ = 2007 SS₁₅
 2003 SK₃₂₉ = 2006 DT₈₉ = 2007 NN₃
 2003 SA₃₃₈ = 2000 BU₁₆
 2003 SL₃₆₂ = 2007 RG₁₄₉
 2003 SK₃₇₇ = 2006 HD₂₆ = 2007 RP₁₃₀
 2003 SH₃₈₆ = 2007 RV₁₅₉
 2003 TC₆ = 2007 RR₂₇₁
 2003 TE₂₈ = 2007 RY₂₁₀
 2003 US₈ = 2007 RG₂₈₀
 2003 UB₂₄ = 2007 RR₁₃₅
 2003 UT₄₂ = 2007 TG₃₀
 2003 UR₅₁ = 2007 TP₁₁₀
 2003 UB₅₃ = 2007 UR₁
 2003 UX₅₉ = 2007 RK₁₀
 2003 UA₆₀ = 2007 RZ₁₉₅
 2003 UO₉₁ = 2007 MZ₉
 2003 US₉₇ = 2003 UY₂₀₂
 2003 UX₉₇ = 2007 TA₁₅₈
 2003 UF₁₀₁ = 2007 TD₁₀₀
 2003 UV₁₀₁ = 2007 TP₉₄
 2003 UG₁₀₈ = 2007 TL₁₄₃
 2003 UO₁₂₂ = 1999 UR₆₄ = 2007 TQ₃₇
 2003 UU₁₂₅ = 2007 TZ₁₀₁
 2003 UA₁₃₂ = 2007 TD₁₅₇
 2003 UH₁₃₂ = 2007 TK₁₇₁
 2003 UH₁₄₃ = 2007 OQ₇
 2003 UD₁₆₂ = 2007 RW₉₀
 2003 UW₁₆₉ = 2007 TF₁₅₉
 2003 US₁₇₉ = 2007 RO₁₅₀
 2003 UO₁₈₁ = 2007 TN₉
 2003 UC₁₈₂ = 2007 RZ₂₄₁
 2003 US₁₉₆ = 2007 TL₃₇
 2003 UE₁₉₉ = 2007 TO₁₅₈
 2003 UY₁₉₉ = 2007 TH₁₇₇
 2003 UC₂₀₇ = 2007 RF₉₇
 2003 UD₂₀₈ = 2007 RZ₂₄₀
 2003 UY₂₁₁ = 2007 TM₁₅₄
 2003 UE₂₁₂ = 2007 TP₆₃
 2003 UU₂₁₈ = 2007 TF₁₇₉
 2003 UN₂₂₇ = 2007 TL₁₈₄
 2003 US₂₃₂ = 2007 RB₈₁
 2003 UE₂₃₄ = 2007 TG₁₆₅
 2003 UQ₂₅₈ = 2007 RJ₁₅₀
 2003 UK₂₆₈ = 2007 TG₁₈

2003 UQ₂₇₅ = 2001 DL₁₀₉ = 2007 OD₆
 2003 UH₂₉₄ = 2007 RO₂₁₈
 2003 UP₂₉₈ = 2007 RV₁₆₉
 2003 UD₃₀₈ = 2007 RM₁₅₄
 2003 UG₃₁₈ = 2007 LG₃₆
 2003 UT₃₂₂ = 2007 RK₂₁₉
 2003 UJ₃₂₃ = 2007 RR₈₈
 2003 UA₃₂₄ = 2007 TH₁₀₈
 2003 UV₃₃₇ = 2007 RD₁₇₇
 2003 UN₃₄₁ = 2007 TW₅
 2003 UK₃₄₃ = 2003 UD₄₁₄
 2003 UW₃₄₄ = 2007 RH₁₂₂
 2003 UD₃₇₇ = 2007 TY₅₇
 2003 UU₃₇₈ = 2005 AL₆₂ = 2007 RF₁₀₆
 2003 UU₃₈₃ = 2007 RP₁₉₈
 2003 UT₃₉₃ = 2007 RO₁₄₆
 2003 VE₃ = 2007 RC₂₅₄
 2003 VJ₄ = 2007 TF₁₅₄
 2003 VC₁₁ = 2007 TP₁₁₁
 2003 WU = 2007 TR₉₇
 2003 WO₁₃ = 2007 TO₁₆₂
 2003 WU₂₂ = 2007 TP₉₅
 2003 WH₂₈ = 2007 TF₁₂
 2003 WA₃₃ = 2007 RY₂₃₉
 2003 WE₃₃ = 2007 TC₇₆
 2003 WY₃₄ = 2007 TY₁₆₃
 2003 WA₄₀ = 2007 TP₁₅₉
 2003 WP₄₆ = 2007 TQ₇₅
 2003 WD₅₄ = 2007 TX₃₀
 2003 WO₅₄ = 2007 TE₁
 2003 WR₅₅ = 2007 TT₅₆
 2003 WD₆₇ = 2007 TM₇₁
 2003 WR₆₇ = 2007 TH₁₅₂
 2003 WA₇₀ = 2007 TC₁₄₄
 2003 WC₈₁ = 2007 TU₁₆₃
 2003 WM₉₁ = 2007 TO₁₆₉
 2003 WM₉₆ = 2007 TA₁₅₁
 2003 WT₉₇ = 2007 RM₂₀ = 2007 RN₂₈₂
 2003 WR₁₀₈ = 2007 TH₁₃₇
 2003 WX₁₁₉ = 2007 TW₁₄₈
 2003 WG₁₂₅ = 2007 UN
 2003 WM₁₂₈ = 2007 RN₁₅₄
 2003 WT₁₃₁ = 2007 TD₁₅₃
 2003 WY₁₄₁ = 2007 RW₂₇₇
 2003 WJ₁₄₅ = 2007 RB₇₉
 2003 WH₁₅₁ = 2007 TM₁₃₁
 2003 WJ₁₅₇ = 2000 CJ₉₇
 2003 WS₁₅₉ = 2007 TP₁₄₇
 2003 WZ₁₇₅ = 2007 SY₄ = 2007 RP₂₈₂
 2003 WL₁₈₆ = 2007 RD₇₅
 2003 XS₂ = 2007 TY₈₈
 2003 XV₂ = 1999 XD₁₅₉

2003 XA₃ = 2007 TE₄₈
 2003 XX₇ = 2007 TP₁₇₀
 2003 XB₃₂ = 2007 RE₁₄₈
 2003 XN₃₆ = 2007 TG₁₆
 2003 YR₁₃ = 2007 RX₁₇₂
 2003 YT₁₅ = 2007 TT₃₅
 2003 YG₂₈ = 2003 YU₁₅
 2003 YG₃₂ = 2007 MX₁₀
 2003 YR₅₂ = 2007 TZ₁₅₉
 2003 YE₅₆ = 2002 RM₂₃₀ = 2005 FE₂
 2003 YQ₆₀ = 2007 TT₁₅₃
 2003 YW₈₂ = 2007 RJ₂₇₉
 2003 YK₉₅ = 2007 TQ₁₆
 2003 YV₁₀₃ = 2007 UF₄
 2003 YS₁₁₁ = 2007 TR₈₄
 2003 YD₁₁₂ = 2007 TT₁₅
 2003 YE₁₁₂ = 2007 TR₁₁
 2003 YV₁₁₂ = 2007 TC₁₄₇
 2003 YP₁₂₀ = 2005 GV₁₀₀ = 2005 JF₁₈₄
 2003 YV₁₂₆ = 2007 TG₆₇
 2003 YB₁₃₁ = 2007 TB₈₀
 2003 YP₁₄₀ = 2007 TP₁₃
 2003 YH₁₄₁ = 2002 RL₁₇₁ = 2005 EK₁₆₅
 2003 YL₁₄₁ = 2007 TW₁₀₉
 2003 YF₁₄₅ = 2000 GZ₂₆ = 2002 TK₅₆
 2003 YW₁₄₉ = 2007 TS₇₃
 2003 YH₁₅₈ = 1994 PE₁₃ = 1994 PX₃₀ = 1999 XD₂₂₀
 2003 YD₁₇₂ = 2007 TC₅₃
 2003 YE₁₈₁ = 2007 RG₁₉₂
 2004 AT₆ = 2007 TM₁₉
 2004 AO₁₅ = 2007 RV₁₈₀
 2004 BE₁₈ = 2007 TU₁₃₀
 2004 BO₂₀ = 2001 DM₈₈ = 2005 JR₃₃
 2004 BT₂₂ = 2007 TK₇₀
 2004 BH₃₃ = 2004 CJ₄₇ = 2007 TJ₈₄
 2004 BS₉₆ = 1999 XA₂₆₅ = 1999 XQ₅₉
 2004 BU₁₀₃ = 2001 RH₅₅
 2004 BN₁₃₀ = 2007 RC₁₃₈
 2004 CB₁₆ = 2007 TB₁₈
 2004 CM₃₀ = 2007 TP₄₄
 2004 CH₁₁₂ = 2007 RS₁₄₉
 2004 DO₂₂ = 1999 TW₄₆ = 2001 FC₁₆₈
 2004 DD₂₆ = 2000 GG₁₀₂ = 2006 SD₂₉₄ = 2006 UR₂₂₉
 2004 DO₃₁ = 2000 CK₁₂₃ = 2006 WJ₈
 2004 DS₃₅ = 2007 TP₂₉
 2004 DA₆₄ = 2007 RE₂₅₉
 2004 EZ₅ = 2007 TX₁₀₅
 2004 EU₂₆ = 2007 RW₆₁
 2004 EM₃₀ = 2007 TP₁₇₁
 2004 EK₅₀ = 2007 TZ₁₀₄
 2004 EO₅₅ = 2007 TU₁₇₅
 2004 EP₆₁ = 2007 TA₉₄

2004 EB₆₂ = 2007 RH₂₁₁
 2004 EU₉₇ = 2007 RR₁₆₁
 2004 FA₁₇ = 2006 US₁₉₃
 2004 FJ₅₃ = 2001 QW₁₇₆ = 2005 JW₁₀₁
 2004 FP₇₈ = 2001 OP₁₁₃ = 2005 QJ₁₈₃
 2004 FS₉₈ = 2007 TF₅₁
 2004 FV₁₃₄ = 2001 SM₈₅
 2004 FF₁₄₁ = 2007 TW₃₈
 2004 FU₁₄₆ = 2006 TK₃
 2004 FW₁₄₈ = 2001 ST₁₇₀
 2004 HD₃₇ = 2001 ND₂₃
 2004 KF₅ = 2007 TJ₂₈
 2004 KB₁₄ = 2003 BD₅ = 2003 DQ₂₃
 2004 NC₂₄ = 2003 GA₅₆ = 2005 UF₆₄
 2004 NA₃₁ = 2005 YS₂₉₀
 2004 PJ₁₀ = 1999 CD₁₆₀ = 2007 EM₆₇
 2004 PS₅₈ = 2007 EN₁₂₉
 2004 QZ₂₁ = 2002 EY₁₄₀
 2004 RO₂₇ = 2007 HF₉₃
 2004 RB₃₀ = 2002 CU₁₉₄ = 2002 AK₂₀₉
 2004 RK₄₉ = 2002 CM₂₈₁ = 2002 AJ₂₀₉
 2004 RD₈₃ = 2007 JS₂₉
 2004 RO₁₀₀ = 2007 EF₂₀₀
 2004 RW₁₆₀ = 2007 GA₇₄ = 2007 GL₇₂ = 2007 HU₂₈
 2004 RX₁₈₈ = 1996 HU₉ = 2003 FG₇₆
 2004 RA₂₄₆ = 2007 HF₄₇
 2004 RA₂₅₂ = 2007 EV₄
 2004 RP₃₀₀ = 2007 DU₆₁
 2004 RB₃₀₂ = 2007 DD₃₉
 2004 SG₁₇ = 2001 CQ₁₅
 2004 SE₂₄ = 2001 XQ₂₅₃
 2004 ST₂₇ = 2002 EM₁₅₆ = 2007 EC₄₆
 2004 TN₁₇ = 1999 TV₃₃₅
 2004 TW₂₈ = 2006 DG₂₀₂ = 2007 MP₉
 2004 TB₉₅ = 2007 EU₁₇₃
 2004 TH₁₀₅ = 2007 PA₃₉
 2004 TR₁₀₉ = 1999 XW₂₅₉ = 2005 YH₁₇₉
 2004 TF₁₃₈ = 2007 JW₃₀
 2004 TE₁₄₉ = 2007 FT₃₄
 2004 TG₁₉₂ = 2006 AW₈₆ = 2007 HK₆₄
 2004 TZ₂₇₃ = 2003 ST₄₂₂
 2004 TN₂₉₄ = 2007 FH₁₄
 2004 TW₃₁₄ = 2007 RV₂₅₅
 2004 VT₂₇ = 2007 RR₂₇₅
 2004 VU₈₀ = 2007 TR₃₈
 2004 WT = 2004 VF₇₄
 2004 XQ₅ = 2007 TG₅₉
 2004 XF₉ = 2007 RY₃₁
 2004 XN₁₉ = 2007 SB₅
 2004 XH₃₀ = 2007 RK₈₆
 2004 XL₅₉ = 2007 MW₁₃
 2004 XU₆₀ = 2002 EE₈₁ = 2007 TG₄₄

2004 XH₆₁ = 2007 RZ₂₄₆
 2004 XP₇₈ = 2007 TM₆₇
 2004 XO₈₇ = 2004 XE₁₉₂
 2004 XK₈₈ = 2000 YO₁₁₉ = 2006 HZ₅₇
 2004 XM₈₈ = 2007 RZ₁₁₃
 2004 XL₉₀ = 2007 TU₁₅₀
 2004 XK₉₅ = 2007 RA₃₉
 2004 XQ₉₉ = 2000 XJ₅₅
 2004 XN₁₀₁ = 2003 SV₄₂₂ = 2006 CG₄₂
 2004 XG₁₀₂ = 2007 RH₂₅₇
 2004 XS₁₀₄ = 2007 TR₁₈₇
 2004 XT₁₀₆ = 2007 TQ₁₁₆
 2004 XD₁₁₀ = 2007 RX₂₄₁
 2004 XN₁₄₇ = 2004 XR₈₄
 2004 XM₁₆₃ = 2007 RT₁₆₁
 2004 YT₁ = 2007 RM₂₇₈
 2004 YR₂₉ = 1999 RT₂₅₃ = 2001 DQ₁₁
 2005 AR₂ = 2007 TU₁₈₂
 2005 AX₅ = 2007 TB₁₁₅
 2005 AG₇ = 2007 TN₁₀₉
 2005 AK₁₂ = 2005 BH₂₆ = 2005 FK₉
 2005 AY₁₉ = 2000 YZ₁₄₃
 2005 AM₂₁ = 2007 TP₅
 2005 AX₃₆ = 2005 AZ₆₂
 2005 AN₄₃ = 2007 TJ₆₅
 2005 AZ₄₃ = 2007 TH₃₃
 2005 AH₅₈ = 2007 TP₁₁₆
 2005 AJ₆₄ = 1999 VW₈₂ = 1999 UW₆₄
 2005 BW₈ = 2007 TX₈₁
 2005 BT₁₀ = 2001 AS₆ = 2007 TK₅₉
 2005 BC₃₀ = 2007 TG₅₀
 2005 BD₃₇ = 2007 RL₂₇₆
 2005 CK₂₀ = 2007 TK₁₄₃
 2005 CF₂₇ = 2007 RN₁₉₆
 2005 CW₂₇ = 2007 TW₉
 2005 CB₂₉ = 2007 RS₁₁₂
 2005 CN₂₉ = 2007 RX₁₀₀
 2005 CR₄₀ = 2007 TZ₁₁₃
 2005 CP₆₇ = 2007 TX₁₂₇
 2005 EC = 2007 RH₂₂₂
 2005 EK₆ = 2007 RB₁₉₈
 2005 EJ₁₂ = 2007 TU₄₂
 2005 EO₂₀ = 2007 TV₈₉
 2005 EH₃₆ = 2002 RE₂₇₈
 2005 EY₅₁ = 2007 TU₁₀₈
 2005 EG₅₆ = 2007 SN₁₃
 2005 EA₆₆ = 2007 TG₉₀
 2005 EK₇₁ = 2007 TK₅₁
 2005 EP₁₀₃ = 2007 TA₁₈₃
 2005 ES₁₁₈ = 2000 GS₁₅₃ = 2003 YV₅₇
 2005 EN₁₂₈ = 2007 TT₂₅
 2005 EW₁₃₁ = 2007 RK₂₇₆

2005 EU₁₃₆ = 2000 GL₁₂₉ = 2002 TL₃₇₉
 2005 EE₁₃₉ = 2007 TY₁₅
 2005 ED₁₅₅ = 2007 RT₁₉₄
 2005 EJ₁₅₉ = 2007 TN₂₂
 2005 EQ₁₆₃ = 2007 TD₄₀
 2005 EG₁₇₅ = 2007 TM₄₈
 2005 EL₁₇₅ = 1999 VY₄₅ = 2003 YO₇₁
 2005 EZ₁₇₆ = 2007 TX₁₄₃
 2005 EF₁₈₄ = 2007 RL₉₁
 2005 EP₁₉₄ = 2005 GY₂₁₃
 2005 EL₁₉₇ = 1994 YA₃ = 2004 BA₇₇
 2005 EY₁₉₉ = 2007 TA₁₈₄
 2005 ED₂₀₆ = 1999 SS₂₈ = 2006 RZ₃₄
 2005 EL₂₁₉ = 2005 FH₁₀
 2005 ER₂₂₉ = 2007 RM₇₄
 2005 EW₂₅₆ = 2007 TR₁₈
 2005 EH₂₆₀ = 1999 VQ₂₁₈
 2005 EK₂₆₃ = 2007 RU₁₉₀
 2005 EC₂₆₆ = 1999 TW₃₁₅ = 2005 EP₁₀₂ = 2005 EW₂₆₅ = 2006 SU₂₅₀
 2005 EP₂₇₆ = 2007 TK₂₈
 2005 EG₂₈₅ = 2007 RD₁₀₈
 2005 GW₆ = 2006 SW₃₃₃
 2005 GC₁₅ = 2007 TN
 2005 GT₂₈ = 2007 TF₁₅₁
 2005 GX₄₀ = 2007 RU₂₇₀
 2005 GD₄₄ = 2007 RB₁₁₄
 2005 GC₅₀ = 2005 JC₁₈₄ = 2007 RP₁₁₆
 2005 GX₅₂ = 2007 UG₁
 2005 GJ₅₆ = 2007 TJ₁₆₅
 2005 GK₅₇ = 1995 SP₃₂ = 2001 QM₃₃₄
 2005 GX₇₀ = 2007 RG₁₇₆ = 2007 RB₂₇₆
 2005 GP₈₃ = 2007 RZ₁₃₇
 2005 GN₉₆ = 2007 TC₃₆
 2005 GW₉₇ = 2007 TW₁₇
 2005 GH₁₀₁ = 2007 TY₁₄₅
 2005 GE₁₃₆ = 2007 TE₁₈₇
 2005 GS₁₅₀ = 2005 GQ₈₇
 2005 GM₁₅₇ = 2007 TQ₁₃₉
 2005 GA₁₇₂ = 2005 JA₁₈₀
 2005 GZ₁₉₄ = 2007 RS₇₅
 2005 GT₂₀₂ = 2006 SO₂₂₀
 2005 HR₇ = 2007 TX₁₇₉
 2005 JG₂ = 2005 KS₁₃ = 2002 TQ₃₆₀
 2005 JB₁₅ = 2007 TY₁₀
 2005 JV₃₂ = 2007 TY₁₇
 2005 JH₃₃ = 2006 SB₂₅₀
 2005 JJ₃₇ = 2002 RQ₂₇₇
 2005 JB₃₉ = 2003 YW₁₇₈
 2005 JL₄₄ = 2006 SY₃₂₈
 2005 JC₅₉ = 2005 EG₁₅₄
 2005 JT₅₉ = 2007 TY₁₄₁
 2005 JT₆₁ = 2005 JN₁₄₅

2005 JV₆₇ = 2006 SX₂₁₅
 2005 JW₇₃ = 2007 RD₁₃₂
 2005 JN₈₃ = 2005 KT₁₃ = 2006 WH₅₁
 2005 JX₉₃ = 2001 KA₅₆
 2005 JQ₉₅ = 2007 RN₁₄₃
 2005 JX₁₀₅ = 2007 TQ₁₃₄
 2005 JP₁₀₆ = 2007 RH₂₇
 2005 JA₁₃₅ = 2007 TH₃₄
 2005 JQ₁₄₉ = 2005 HF₉ = 2006 SE₁₉₉
 2005 LS₁₅ = 2006 UN₁₈₀
 2005 MY₃₃ = 2001 NJ₁₆ = 2003 YV₁₈₁
 2005 MX₄₁ = 2003 BZ₉₂ = 2004 JM₅₀
 2005 NG₂₂ = 2006 WZ₁₂₀
 2005 NR₃₃ = 2006 WT₇₇
 2005 NM₃₅ = 2006 XK₁₁
 2005 NO₇₉ = 2006 YS₄₉
 2005 ND₈₁ = 2006 WQ₆₃
 2005 OW₂₈ = 2000 SZ₃₃₂
 2005 QZ₁₂ = 2004 HN₇₈
 2005 QM₁₂₃ = 2007 FW₂₅
 2005 RL₂₂ = 2000 VW₁₉
 2005 RA₃₃ = 2001 SD₇₃
 2005 RG₄₇ = 2007 EJ₁₅₇
 2005 SA₁₅ = 2007 EH₇₅
 2005 SV₆₉ = 2003 DL₁₂ = 2007 CQ₂₄
 2005 SV₈₃ = 2000 JU₈₉
 2005 SU₁₆₉ = 2001 WJ₆₃ = 2003 EF₈
 2005 SA₂₈₄ = 1999 FR₉₄ = 2007 EZ₃₂
 2005 SO₂₈₉ = 2007 EE₂₀₉
 2005 TB₄₈ = 2000 SV₃₇₆ = 2002 CM₂₅₆
 2005 TP₁₅₈ = 2003 HG₅₈
 2005 TH₁₆₈ = 2005 UE₂₀₉
 2005 TB₁₈₂ = 2005 UL₅₀₇
 2005 US₃₈ = 2004 NX₇ = 2004 PT₂₂ = 2007 BH₃₂
 2005 UT₆₇ = 1998 HX₁₅₈
 2005 UH₇₂ = 2001 PB₆₇ = 2001 PG₆₇ = 2004 LH₂₂
 2005 UT₂₀₁ = 2005 UP₂₀₄
 2005 UE₂₁₂ = 2007 FL₄₄
 2005 UL₂₄₉ = 2007 DK₈₈
 2005 UU₃₈₉ = 2007 HZ₂₈ = 2007 JQ₄₄
 2005 US₃₉₇ = 2001 QR₂₆₆ = 2004 HC₁₅
 2005 UL₄₂₅ = 2005 VU₇₆
 2005 UG₄₅₃ = 2005 UX₂₃₂
 2005 UQ₄₅₄ = 2005 VB₁₄
 2005 UK₄₈₁ = 1999 RM₂₅₉
 2005 UL₅₀₅ = 2000 BE₄₄ = 2000 CK₁₄₈
 2005 UF₅₁₅ = 2007 CT₈
 2005 UP₅₁₅ = 2007 DB₇₈
 2005 WQ₈ = 2002 JE₁₄₈
 2005 WD₅₅ = 2007 EW₄₉
 2005 WH₆₀ = 2007 EH₃
 2005 WM₆₄ = 2005 UC₅₁₆

2005 WD₈₀ = 2007 FA₃₇
 2005 WJ₁₀₂ = 2007 EK₉₃
 2005 WG₁₂₁ = 2005 VB₇₁
 2005 WB₁₂₇ = 2002 CB₃₀₄
 2005 WO₁₄₈ = 1999 CP₁₂₉ = 2005 WU₄₅
 2005 XU = 1998 DY₃₁
 2005 XY₂ = 2000 WZ₁₉₇
 2005 XU₁₅ = 2001 SW₁₀₀ = 2007 EP₅₂
 2005 XN₂₈ = 2003 KH₃₀ = 2003 LN₉ = 2007 CY₅₈
 2005 XS₁₁₄ = 1991 ST₅ = 2002 CC₃₀₃
 2005 YP = 2007 TZ₂₂
 2005 YN₂₉ = 2002 AH₂₀₉
 2005 YZ₆₂ = 1998 RM₃₇ = 2004 VZ₁₁₁
 2005 YK₆₅ = 2007 EF₁₆₈
 2005 YN₉₂ = 1995 VQ₁₁ = 2007 HD₄₉
 2005 YB₁₆₄ = 2007 DS₂₇
 2005 YT₁₆₆ = 2000 LN₂
 2005 YL₁₇₃ = 2006 AK₉₇
 2005 YE₂₆₂ = 2007 ER₁₃₃
 2006 AD₆₆ = 2001 FO₁₉₄
 2006 BP₁ = 1999 EG₁₁ = 2007 PO₁₀
 2006 BY₁₀ = 2005 WR₆₄
 2006 BW₉₁ = 2003 SQ₄₂₁
 2006 BQ₉₃ = 2000 VC₆₅
 2006 BP₉₄ = 1999 VB₂₂₇
 2006 BD₁₃₂ = 1999 ES₁₂
 2006 BF₁₆₉ = 2003 SC₃₄₁
 2006 BL₁₇₈ = 2007 KA₁
 2006 BA₁₈₂ = 2007 RV₆₇
 2006 BT₁₈₃ = 2007 RO₁₈₀
 2006 BE₁₉₄ = 2007 RO₂₄₁
 2006 BD₂₀₇ = 2007 JJ₇
 2006 BX₂₂₂ = 2004 TZ₂₄₃
 2006 BD₂₂₅ = 2007 JF₃₃
 2006 DS₁₇ = 2007 LZ₃₅
 2006 DV₂₅ = 2006 CN₆₆ = 2007 JT₁₈
 2006 DT₂₇ = 2002 FM₄₀
 2006 DM₃₄ = 2007 KD₉
 2006 DB₆₆ = 2007 RK₁₉₃
 2006 DB₉₃ = 2007 RM₈₇
 2006 DT₉₃ = 2003 UG₄₁₄
 2006 DP₁₀₀ = 2007 NW₅
 2006 DW₁₀₅ = 1996 SC₉ = 2007 RO₉₄
 2006 DW₁₁₅ = 2007 RD₁₄₂
 2006 DK₁₁₆ = 2007 RC₉₄
 2006 DX₁₄₃ = 2003 RL₃ = 2004 XK₁₅₀
 2006 DT₁₅₉ = 2007 RX₆₅
 2006 DS₁₇₂ = 2003 UV₃₃₅
 2006 DW₁₇₂ = 2007 PS₃₂
 2006 DQ₁₈₂ = 2007 MJ₂₁
 2006 DV₁₈₇ = 2002 AM₂₀₁ = 2002 CG₁₅₅
 2006 DS₂₀₉ = 2007 TR₆₉

2006 DN₂₁₀ = 2007 RL₈₆
 2006 EA₂ = 2007 RJ₉₄
 2006 EZ₃₅ = 2007 HB₈₂
 2006 EO₄₅ = 2006 BN₂₇₆ = 2002 CK₂₇₅ = 2003 PR₂
 2006 EY₄₅ = 2007 RD₁₈₀
 2006 EE₆₇ = 2007 MZ₂₆
 2006 FW₂ = 2007 SY₅
 2006 FE₃₁ = 2007 RU₁₄₀
 2006 FF₃₂ = 2007 RG₁₃₅
 2006 FO₄₁ = 2007 RE₃₈
 2006 GH₂ = 2007 TB₁₈₄
 2006 GA₁₄ = 2007 RS₁₀₇
 2006 GD₂₃ = 2002 EN₁₃₆ = 2004 VP₇₆
 2006 GU₂₃ = 2007 RF₁₅₆
 2006 GQ₂₅ = 2007 RE₁₉₆
 2006 GU₂₆ = 2007 RM₁₅₃
 2006 GM₄₂ = 2007 PW₃₁
 2006 GB₄₅ = 2007 RE₂₈₂
 2006 GJ₄₅ = 2007 RE₈₈
 2006 GX₄₇ = 2007 RX₉₉
 2006 HF₁₅ = 2006 FY₁₉
 2006 HK₂₅ = 2007 SA₁₂
 2006 HA₃₆ = 2006 GY₄₃
 2006 HS₃₇ = 2003 WP₁₉₃
 2006 HW₃₈ = 2007 RC₁₄₁
 2006 HY₄₂ = 2007 TC₅
 2006 HX₅₈ = 2007 RP₃₁
 2006 HK₅₉ = 2007 PO₃₂
 2006 HE₆₀ = 2007 SG₁₆
 2006 HC₆₅ = 2005 BB₂₂
 2006 HY₆₅ = 1995 MV = 2007 TG₁₄₁
 2006 HC₇₁ = 2007 RL₂₂₃
 2006 HW₇₂ = 2007 PV₄₄
 2006 HR₇₃ = 2007 TF₂₈
 2006 HU₉₀ = 2007 RW₁₀₆
 2006 HN₉₄ = 2007 NO₅
 2006 HQ₉₆ = 2007 TX₅
 2006 HN₁₀₂ = 2002 VJ₁₄₁
 2006 HZ₁₁₀ = 2007 TO₆₀
 2006 HB₁₂₀ = 2007 TW₁₇₉
 2006 HN₁₄₀ = 2007 RP₁₇₁
 2006 JK₄ = 2006 GJ₃₅
 2006 JH₁₀ = 2007 TU₁₈₆
 2006 JM₁₄ = 2007 RV₁₃₄
 2006 JO₁₄ = 2007 RP₁₆₁
 2006 JS₁₅ = 1997 JZ₅ = 2003 SZ₂₀₆
 2006 JC₂₈ = 2003 UH₄₁₄
 2006 JN₃₈ = 2005 EE₃₂₅
 2006 JZ₅₂ = 2007 RM₂₆₉
 2006 JX₆₂ = 2007 RF₁₃₅
 2006 KZ₄ = 2007 TO₅₈
 2006 KB₁₀ = 2007 RB₂₈

2006 KJ₂₀ = 2006 HD₁₀₅ = 2007 RR₂₃₉
 2006 KP₂₇ = 2007 TO₃₅
 2006 KL₂₉ = 2007 TZ₇₃
 2006 KK₃₁ = 2002 CL₃₁₅
 2006 KA₄₆ = 2002 PX₁₆₈
 2006 KL₅₇ = 2007 RL₉₉
 2006 KT₅₇ = 2003 UH₃₁₉ = 2007 TM₃₇
 2006 KP₆₀ = 2007 TW₁₇₂
 2006 KN₆₂ = 2003 SG₃₅₄ = 2003 SX₄₂₂
 2006 KC₆₉ = 2007 TM₂₇
 2006 KL₆₉ = 2006 HT₁₅₁
 2006 KX₇₁ = 2007 TM₃
 2006 KV₈₃ = 2007 RE₃₁
 2006 KX₉₁ = 2007 TC₁₄₁
 2006 KP₉₂ = 2007 RF₈₉
 2006 KB₁₀₀ = 2006 KG₁₂₅
 2006 KK₁₁₅ = 2005 GJ₃₅ = 2007 RC₁₃₃ = 2007 SW₁₁
 2006 KE₁₁₆ = 2007 TS₁₃₀
 2006 MH₂ = 2006 KL₁₂₅
 2006 MR₃ = 2004 XG₁₁₈
 2006 OF₄ = 1991 LX₆ = 2005 ER₂₁
 2006 QB₉₀ = 2004 FL₉
 2006 QP₁₁₁ = 2002 UR₁₀ = 2005 GK₁₀₃
 2006 QO₁₁₇ = 2005 GD₆₂
 2006 RM₁₄ = 2001 UF₂₂₈
 2006 RL₄₅ = 2005 LO₅₃
 2006 RB₆₇ = 2007 TL₁₁₉
 2006 SO₃₂ = 2005 GH₈₅
 2006 SW₆₇ = 2005 LK₃₃
 2006 SZ₈₅ = 2006 RV₄₈
 2006 SJ₁₀₈ = 2001 UB₁₄₂
 2006 SW₁₆₄ = 2006 SY₃₆₉ = 2002 GS₁₇₀
 2006 SR₁₆₈ = 2000 QB₂₃₅
 2006 SU₁₇₁ = 2006 QJ₆₄ = 2001 SJ₈₈
 2006 SF₂₆₂ = 2006 UU₂
 2006 SW₂₇₄ = 2002 TE₁₀₂
 2006 SD₂₈₇ = 2001 XD₇
 2006 SE₂₈₇ = 2001 XG₁₀₉
 2006 SW₂₈₇ = 2001 UT₈₄
 2006 SC₃₂₁ = 2005 GE₂₂₄
 2006 SB₃₂₉ = 2001 YX₁₆₀
 2006 SU₃₆₆ = 2002 TQ₁₇₂
 2006 SB₃₇₃ = 2000 QV₉₃
 2006 SQ₃₉₄ = 2006 SQ₃₉₄
 2006 TR₄₁ = 2001 YZ₁₆₁ = 2004 JV₄₄
 2006 TZ₄₆ = 2001 OT₆₆
 2006 TK₆₆ = 2000 JK₉₄
 2006 TX₇₄ = 2002 TR₃₇₃
 2006 UA₁₅ = 2002 UD₇₁
 2006 UA₅₈ = 2001 YP₁₃₁
 2006 UM₆₉ = 2001 WV₈₆
 2006 UM₇₁ = 2000 HW₁₆

2006 UM₁₆₁ = 2006 WY₁₉₈ = 2001 SS₃₁₁
 2006 UX₂₀₂ = 2006 SR₂₁₁
 2006 UJ₂₂₉ = 2007 CS₆₄
 2006 VH₂₅ = 2001 RT₁₄₁
 2006 VX₆₁ = 1999 QQ₃
 2006 WQ₄₈ = 2001 UK₂₂₄
 2006 WX₁₀₉ = 2003 FZ₁₃₁
 2006 WP₁₈₆ = 2006 YC₅₂ = 2002 NS₅₄
 2007 BS₅ = 2002 JS₁₂₇ = 2006 BM₂₇₆
 2007 BT₁₃ = 2004 NK₁₂
 2007 BR₅₈ = 2001 SP₂₀₇ = 2005 XN₉₃
 2007 BV₆₆ = 2002 CW₂₆₃ = 2004 QO₂₁
 2007 CK₅ = 2001 SN₁₀₄ = 2003 FL₁₂₃
 2007 CF₂₅ = 2000 EK₁₈₉ = 2004 JN₅₀
 2007 DS₂₅ = 2004 RD₃₄₉
 2007 DA₃₆ = 2001 XM₂₄₇ = 2005 VL₁₃
 2007 DX₇₈ = 1997 CF₂₅ = 2004 HR₂₉
 2007 DB₁₀₂ = 2005 UV₄₈₄
 2007 ER₁₂ = 2007 DA₁₀₅ = 2007 DL₃₀ = 2007 DB₁₀₇
 2007 EE₄₄ = 1999 TA₂₀₃ = 2001 AY₅₃
 2007 EL₈₂ = 2007 HQ₁₉ = 2005 XL₂₃
 2007 EA₉₂ = 2005 NH₃
 2007 EN₁₀₅ = 2002 CB₂₆₆ = 2004 TZ₃₅₇
 2007 EZ₁₁₈ = 2007 HL₁₃ = 2003 JA₂
 2007 ES₁₂₂ = 2000 VM₆₃ = 2005 YB₃₅
 2007 EN₁₂₆ = 2002 AK₂₀₇
 2007 EL₁₈₃ = 2007 DZ₁₀₆
 2007 EV₂₀₂ = 2001 DJ₁₀₈ = 2005 YV₂₄₄
 2007 GG₅ = 2004 LU₂₄
 2007 GR₂₆ = 2005 WU₁₄₃
 2007 GN₄₁ = 2003 UX₃₂₃
 2007 GJ₅₇ = 2007 HR₉₀ = 2007 HC₉₃
 2007 GD₆₁ = 2001 RM₃₆ = 2005 XL₁₁₄
 2007 HK = 2006 AG₁₀₂
 2007 HD₃ = 2007 HU₈₉ = 2007 HV₈₉
 2007 HT₇ = 2005 YL₂₄₈
 2007 HG₁₆ = 2004 XD₁₆₉
 2007 HR₄₃ = 2006 BW₁₇₅
 2007 HE₄₆ = 2007 HU₉₀
 2007 HC₆₇ = 1994 WK₆ = 2002 LJ₄₂ = 2002 NA₅₈
 2007 HZ₆₇ = 2004 TC₁₆₉
 2007 HM₈₃ = 2002 EX₁₅₃
 2007 HA₈₈ = 2006 AA₈₃
 2007 HH₉₀ = 2000 PY₁₅ = 2001 QA₃₂₅ = 2004 YV₃₅
 2007 JR₂ = 2001 TD₂₀₈ = 2004 RG₃₅₆
 2007 JF₁₇ = 2006 BL₂₇₁
 2007 JV₁₉ = 2005 YZ₂₇₁
 2007 JW₂₅ = 2002 EU₁₂₂ = 2002 EE₁₂₃ = 2004 TD₂₈₉ = 2006 BA₁₄₅
 2007 JY₃₆ = 2004 RE₃₄₅
 2007 JV₄₁ = 2005 YC₂₁₃
 2007 JA₄₄ = 2003 GX₁₁
 2007 KO₆ = 1996 TK₆₉ = 2004 SP₃₅

2007 LF₁₀ = 2006 DZ₂₁₅
 2007 LE₁₄ = 2004 XQ₈₀
 2007 LP₁₈ = 1999 LZ₂₃
 2007 LZ₂₄ = 2004 XH₈₈
 2007 LY₂₆ = 2007 JN₂₃
 2007 MZ₂ = 2006 DK₁₂₃
 2007 NB₆ = 2002 GL₁₁₄
 2007 NV₆ = 2000 SB₂₅₃
 2007 OP₄ = 2005 YW₉₉
 2007 OL₆ = 2003 GK₃₂ = 2006 CE₂₄ = 2006 AZ₉₁
 2007 OT₆ = 2006 KL₁₁
 2007 OV₆ = 2003 UK₂₂₇
 2007 OF₇ = 2006 EP₁₁
 2007 OO₉ = 2007 RG₂₄₂ = 2001 KU₅₃
 2007 PT = 2006 BB₂₁₀
 2007 PO₁ = 2004 JF₄₁
 2007 PY₃ = 1999 RG₂₃₈
 2007 PR₁₁ = 2004 XS₁₁₆
 2007 PC₁₇ = 2000 WL₁₂₇ = 2004 XJ₁₄₉ = 2006 GK₁₀
 2007 PF₁₇ = 2007 PU₄₄ = 2000 EM₁₆₃ = 2005 EM₁₇₈ = 2006 KF₁₁₃
 2007 PY₂₁ = 2000 VF₂₅
 2007 PE₂₂ = 2007 OE₁₀
 2007 PU₂₂ = 2003 MQ₄
 2007 PJ₂₅ = 2005 GK₂₂₄ = 2006 HU₇₆
 2007 PP₂₅ = 2002 GL₅₃ = 2004 XK₅₉
 2007 PH₃₁ = 2006 DB₂₁₆
 2007 PQ₃₃ = 2000 AP₁₆₇
 2007 PW₃₃ = 2000 EF₅₁
 2007 PL₃₅ = 2005 EG₃₂
 2007 PT₃₅ = 2004 XC₄₃
 2007 PC₃₇ = 2007 PO₄₄
 2007 PQ₃₈ = 2002 SF₃
 2007 PF₄₄ = 2000 SC₂₃₈
 2007 QU₁ = 2003 UR₂₀₉
 2007 QS₃ = 1996 VY₁₁
 2007 QA₆ = 2007 RA₃
 2007 QT₆ = 2005 ED₂₀₄
 2007 QV₆ = 2004 XY₁₄₃ = 2006 HS₃₂
 2007 QJ₇ = 2005 EU₂₃₇
 2007 QG₁₀ = 1997 RB₁₃ = 2004 XD₁₂₉
 2007 RX₁ = 2006 HW₆₃
 2007 RD₃ = 2007 QC₆
 2007 RQ₄ = 2006 KW₆₃
 2007 RD₅ = 2000 FL₆₅ = 2002 TB₁₉₅
 2007 RN₅ = 2006 BW₁₅₅
 2007 RC₆ = 2002 LU₄₁
 2007 RH₉ = 2006 KX₆₅
 2007 RV₁₀ = 2000 UT₈₈ = 2005 AG₃₈
 2007 RX₁₀ = 2003 QG₁₀₂ = 2005 EX₆₂
 2007 RT₁₃ = 2002 CB₃₀
 2007 RA₁₅ = 1994 SP = 2006 KO₈₈
 2007 RF₁₅ = 2005 CC₄₄

2007 RS₁₅ = 2002 RO₂₇₇
 2007 RV₁₅ = 2003 UL₁₄₈
 2007 RZ₁₅ = 2005 AL₃₈
 2007 RF₁₆ = 2006 HR₉₇
 2007 RY₁₆ = 2000 AQ₂₁₉
 2007 RH₁₈ = 2006 KB₄₁
 2007 RJ₁₈ = 2003 UY₃₂₉ = 2005 CL₇₉ = 2006 HG₅₃
 2007 RM₁₈ = 1999 RA₁₉₁
 2007 RR₁₈ = 1998 DZ₂₆ = 2004 FK₁₅₀
 2007 RZ₁₈ = 2006 JQ₅₉
 2007 RC₁₉ = 2006 KW₆₂
 2007 RK₁₉ = 2003 TK₅₉
 2007 RN₁₉ = 2005 GH₈₂
 2007 RS₁₉ = 2003 UC₄₁₃
 2007 RJ₂₀ = 2005 JE₁₈₂
 2007 RF₂₁ = 2006 JH₈₀
 2007 RJ₂₁ = 2003 TP₄₉
 2007 RL₂₁ = 2006 KK₂₉
 2007 RU₂₁ = 2007 RA₁₂₁ = 2005 EL₈₁
 2007 RF₂₃ = 2005 JV₁₅₈
 2007 RU₂₇ = 2004 XC₁₉₂
 2007 RU₃₀ = 2003 WP₁₃₅
 2007 RD₃₁ = 2003 WQ₁₂
 2007 RJ₃₁ = 2003 ME₁₁
 2007 RL₃₁ = 2005 EJ₁₇₁
 2007 RZ₃₁ = 2003 VY₁₁
 2007 RS₃₂ = 1999 YU₅ = 2003 VU
 2007 RJ₃₃ = 2004 BV₁₆₂ = 2003 YT₁₈₁
 2007 RN₃₄ = 1997 SZ₁₈
 2007 RS₃₄ = 2002 GB₂₈
 2007 RK₃₇ = 2005 EJ₁₇₃
 2007 RO₃₇ = 2360 T-3
 2007 RQ₃₇ = 2004 DN₇₆
 2007 RB₃₈ = 1998 XF₈ = 2003 YQ₁₆₄
 2007 RD₃₈ = 2004 GP₆₇
 2007 RJ₃₈ = 2002 TT₃₆₉
 2007 RO₃₈ = 2003 QU₅₂ = 2006 DD₁₈₇
 2007 RU₃₈ = 2001 PG₅₂ = 2003 YK₁₃₅
 2007 RC₃₉ = 1996 TO₅₂
 2007 RN₃₉ = 2003 UU₂₂₁
 2007 RQ₃₉ = 2006 EE₂₈
 2007 RT₄₁ = 2000 SO₁₉₄
 2007 RB₄₃ = 2006 JJ₆₀
 2007 RE₄₃ = 1994 CS₇
 2007 RG₄₅ = 2004 XY₁₁₇
 2007 RT₄₆ = 2003 KK₁₂
 2007 RV₄₇ = 2004 XS₅₂ = 2006 EZ₁₉
 2007 RA₄₈ = 2005 EM₃₀₈
 2007 RC₄₈ = 1995 SR₁₁
 2007 RD₄₈ = 1997 SU₆ = 2000 HP₁₆
 2007 RZ₅₀ = 2006 KJ₁₃₉
 2007 RG₅₁ = 2003 UA₂₇₄

2007 RV₅₁ = 1996 TR₄₇
 2007 RF₅₂ = 2003 US₄₁₃
 2007 RS₅₂ = 2006 JC₃₀
 2007 RB₅₃ = 2002 TP₃₅₂
 2007 RH₅₃ = 2003 UG₁₀₁
 2007 RP₅₃ = 2003 KN₂₈
 2007 RM₅₄ = 2005 EX₂₀₈
 2007 RG₅₅ = 2003 UE₄₁₁
 2007 RL₅₇ = 2003 XW₃₀
 2007 RN₅₇ = 2006 JC₁₇
 2007 RS₅₇ = 2000 SS₃₂₄
 2007 RD₅₈ = 2007 RT₁₀₄
 2007 RF₅₈ = 2007 RZ₁₁
 2007 RO₅₈ = 2003 UK₆₀
 2007 RJ₅₉ = 2006 KF₁₀₃
 2007 RM₅₉ = 2005 GL₁₂₉
 2007 RP₆₀ = 2003 YJ₁₆₃
 2007 RQ₆₀ = 2004 BW₁₂₆
 2007 RR₆₀ = 1997 VJ₇
 2007 RV₆₀ = 2005 EX₂₈₇
 2007 RO₆₁ = 2007 RH₂₁ = 2006 KX₅₇
 2007 RP₆₃ = 2007 RC₁₂₄
 2007 RV₆₄ = 2003 UU₃₄₄
 2007 RO₆₅ = 2005 AE₆₁
 2007 RY₆₆ = 2003 UY₂₃₈
 2007 RW₆₇ = 2005 GS₁₉₀
 2007 RZ₆₇ = 2005 BK₄
 2007 RE₆₈ = 2006 KF₁₀₉
 2007 RO₆₈ = 1992 SP₉
 2007 RS₆₈ = 2004 FL₇₅
 2007 RZ₆₈ = 1992 SQ₄
 2007 RZ₆₉ = 2003 UC₂₅₅
 2007 RK₇₀ = 2003 YB₁₆₅
 2007 RO₇₀ = 2004 CJ₁₂₄
 2007 RU₇₁ = 2006 DV₁₃₇
 2007 RZ₇₁ = 2001 FN₄ = 2003 KM₃₄
 2007 RF₇₂ = 2002 VT₂₁
 2007 RS₇₇ = 2006 KT₂₄
 2007 RV₇₇ = 2006 MS₂
 2007 RA₇₈ = 2006 KY₂₄
 2007 RQ₈₀ = 2006 DP₇₁
 2007 RZ₈₀ = 2004 XO₁₃₃
 2007 RX₈₁ = 2002 TX₉₃
 2007 RO₈₃ = 2005 ER₉₈ = 2005 GU₂₁₆
 2007 RT₈₃ = 2006 DE₁₅₁
 2007 RU₈₃ = 2003 TB₂₆
 2007 RW₈₃ = 2005 GN₁₉₂
 2007 RE₈₆ = 2000 TR₁₄
 2007 RU₈₆ = 2003 UO₁₂₁
 2007 RS₈₈ = 2000 WR₁₀₁
 2007 RT₈₉ = 2005 EC₆₇
 2007 RY₈₉ = 2004 XB₁₇₉

2007 RM₉₁ = 2003 UW₃₈₃
 2007 RR₉₁ = 2007 TA₁₈₈ = 2005 EJ₂₄₄
 2007 RS₉₁ = 2001 HQ₂₅
 2007 RW₉₁ = 2005 EO₁₄₁
 2007 RC₉₂ = 2006 GC₁₀
 2007 RP₉₂ = 2002 CR₁₇₈
 2007 RN₉₃ = 2006 DX₁₈₁
 2007 RT₉₄ = 2000 YL₉
 2007 RW₉₄ = 2004 BL₁₄₇
 2007 RZ₉₄ = 2006 DW₁₈₀
 2007 RN₉₅ = 2000 VW₄₀
 2007 RX₉₅ = 2003 WA₁₈
 2007 RC₉₆ = 2006 GT₁₁
 2007 RN₉₆ = 1996 GE₁₂
 2007 RB₉₈ = 2006 GH₄₃
 2007 RK₉₈ = 2003 US₂₇₃
 2007 RS₉₈ = 2000 UG₃₂
 2007 RW₉₈ = 2001 DU₂₃
 2007 RD₉₉ = 2003 UZ₂₃₅ = 2005 EQ₈
 2007 RF₉₉ = 2006 FE₃₄
 2007 RT₁₀₁ = 2001 FN₁₈₃ = 2003 UA₃₆₀
 2007 RD₁₀₂ = 2004 DX₇₁
 2007 RQ₁₀₂ = 2005 GJ₇₇
 2007 RV₁₀₂ = 2005 CH₆₉
 2007 RD₁₀₄ = 2006 HJ₇₄
 2007 RW₁₀₅ = 2006 QL₁₂₅
 2007 RC₁₀₆ = 1998 SZ₁₇₃
 2007 RM₁₀₇ = 1999 RR₁₈₁
 2007 RG₁₀₈ = 2003 UK₁₂₃
 2007 RL₁₀₈ = 2000 FS₅₄
 2007 RA₁₀₉ = 2006 DM₉₇
 2007 RD₁₀₉ = 2005 EU₄₄
 2007 RN₁₀₉ = 2006 EP₇₂
 2007 RT₁₀₉ = 2005 GU₉₁
 2007 RD₁₁₀ = 2002 PD₂₃
 2007 RB₁₁₃ = 2005 JA₅₆
 2007 RE₁₁₃ = 2006 KK₄₁
 2007 RK₁₁₄ = 2005 EQ₃₀₂
 2007 RS₁₁₄ = 2005 EW₉₉
 2007 RU₁₁₄ = 2003 OX₁₂
 2007 RR₁₁₅ = 1998 WH₂₆
 2007 RR₁₁₆ = 2005 EU₁₇₂
 2007 RY₁₁₆ = 1996 RM₉ = 2004 CR₆₆
 2007 RA₁₁₈ = 2003 UD₁₂₅
 2007 RH₁₁₈ = 1998 HA₁₀
 2007 RL₁₁₈ = 1998 BB₄₅
 2007 RM₁₁₈ = 2003 WR₁₈
 2007 RZ₁₁₈ = 1998 QO₁₃
 2007 RC₁₁₉ = 2004 XH₁₃₄ = 2006 DO₂₀₇
 2007 RF₁₁₉ = 2006 KA₇₈
 2007 RH₁₁₉ = 2005 AT₈₀
 2007 RQ₁₁₉ = 2006 DK₁₄₈

2007 RV₁₁₉ = 2000 CY₉₅
 2007 RE₁₂₀ = 2005 EF₁₄₅
 2007 RG₁₂₂ = 2004 CJ₁₂₆
 2007 RS₁₂₃ = 2001 RK₁₄₈
 2007 RU₁₂₃ = 2006 HT₄₈
 2007 RW₁₂₆ = 2005 EW₅₅
 2007 RS₁₂₇ = 2003 YR₁₀
 2007 RM₁₂₉ = 2005 AQ₆₆ = 2005 BY₄₈
 2007 RV₁₂₉ = 1996 TA₆₂
 2007 RW₁₃₀ = 1999 RE₇
 2007 RZ₁₃₂ = 1995 SP₃₉
 2007 RJ₁₃₃ = 2005 YA₂₇₀
 2007 RN₁₃₄ = 2006 DZ₁₇₀
 2007 RR₁₃₄ = 2003 KU₃₅ = 2004 XL₅₁
 2007 RS₁₃₄ = 2003 SO₁₁₆
 2007 RX₁₃₄ = 1999 FZ₈₈ = 2006 GR₁₄
 2007 RM₁₃₅ = 2000 RJ₈₈
 2007 RM₁₃₇ = 2004 XE₁₄₁
 2007 RV₁₃₇ = 2003 UA₁₀₈
 2007 RX₁₃₇ = 2002 EZ₃₅
 2007 RA₁₃₈ = 2006 EL₅₅
 2007 RN₁₃₈ = 2006 HY₁₂₆
 2007 RY₁₃₈ = 2006 DP₁₅₂
 2007 RA₁₃₉ = 2003 UC₂₁₄
 2007 RC₁₃₉ = 2006 KG₉₀
 2007 RV₁₃₉ = 2005 BR₃₄
 2007 RY₁₃₉ = 2006 DM₁₆₃
 2007 RF₁₄₀ = 1998 SU₁₅₇ = 1999 YL₂₀
 2007 RH₁₄₀ = 2006 DB₁₀₆
 2007 RW₁₄₀ = 2000 SJ₂₅₇
 2007 RG₁₄₁ = 2003 OK₂₄
 2007 RJ₁₄₁ = 2002 CU₃₁₃
 2007 RO₁₄₁ = 2000 WE₁₇₇
 2007 RY₁₄₁ = 1990 WP₇
 2007 RM₁₄₂ = 1996 TJ₅₃
 2007 RO₁₄₂ = 1996 TQ₄₀
 2007 RJ₁₄₃ = 2000 QW₁₇₅
 2007 RR₁₄₃ = 2000 WN₁₈₉
 2007 RK₁₄₄ = 2006 DW₈₃
 2007 RS₁₄₅ = 2005 GD₂₁₈ = 2005 EG₆₄
 2007 RE₁₄₆ = 2005 EU₂₄₀ = 2006 JN₂₈
 2007 RN₁₄₆ = 2007 RA₁₄₈ = 2003 MM₁₁
 2007 RX₁₄₆ = 2002 GS₁₅₆ = 2003 UT₃₉₇
 2007 RB₁₄₈ = 2003 UT₁₈₀
 2007 RW₁₄₈ = 2003 XE₁₃
 2007 RX₁₄₈ = 2003 QE₇₁
 2007 RY₁₄₈ = 2005 ER₁₆₁
 2007 RB₁₄₉ = 1999 TJ₂₁
 2007 RE₁₄₉ = 2002 ET₂₃
 2007 RW₁₅₀ = 2007 RG₂₇₇ = 2003 YB₁₁₉ = 2006 KF₄₇
 2007 RA₁₅₁ = 1997 TM₂₂
 2007 RY₁₅₂ = 2003 UQ₃₂₈

2007 RO₁₅₄ = 2003 SZ₉₁
 2007 RY₁₅₆ = 2005 GV₁₅₄
 2007 RH₁₅₇ = 2005 EE₂₃₅
 2007 RN₁₅₇ = 1989 TP₈
 2007 RP₁₅₇ = 2002 CQ₃₀₆ = 2004 XY₆
 2007 RM₁₅₈ = 2005 GK₁₉₄
 2007 RN₁₅₈ = 2005 EJ₂₃₉
 2007 RD₁₅₉ = 2004 XQ₁₇
 2007 RT₁₆₀ = 1996 XU₃
 2007 RK₁₆₁ = 2006 GQ₈
 2007 RD₁₆₂ = 2005 ES₁₈₀
 2007 RL₁₆₂ = 2006 PJ₁₃
 2007 RR₁₆₂ = 2005 LX₄₉
 2007 RX₁₆₂ = 2004 XD₁₄₈
 2007 RE₁₆₃ = 2007 QN₁₁ = 2003 WE₁₁₀
 2007 RU₁₆₃ = 2006 EC₅₆
 2007 RO₁₆₄ = 2003 QP₈₂
 2007 RF₁₆₅ = 2006 MW₄
 2007 RO₁₆₅ = 2006 KR₉₂
 2007 RU₁₆₅ = 2006 DG₁₆₂
 2007 RB₁₆₈ = 2006 EF₂
 2007 RD₁₆₉ = 2006 GY₃₄
 2007 RJ₁₆₉ = 2003 UO₃₆₅
 2007 RD₁₇₀ = 2003 SX₃₇₉
 2007 RM₁₇₀ = 2002 TK₃₁₂
 2007 RC₁₇₁ = 2002 UG₅₄
 2007 RE₁₇₂ = 2003 YL₅₇
 2007 RB₁₇₃ = 2005 GK₂₁₇
 2007 RR₁₇₃ = 2005 EA₁₀₆ = 2005 EB₁₀₆ = 2006 KB₅₇
 2007 RA₁₇₄ = 2003 UY₁₈₆
 2007 RD₁₇₄ = 2003 WV₂₁ = 2006 KR₁₃₈
 2007 RK₁₇₄ = 2003 WC₁₇₇
 2007 RQ₁₇₄ = 2002 TD₃₀₇
 2007 RV₁₇₄ = 2005 GL₁₃₂
 2007 RZ₁₇₄ = 1996 VG₂₇
 2007 RB₁₇₆ = 1996 TF₄
 2007 RZ₁₇₇ = 2003 UU₃₆₂
 2007 RF₁₈₀ = 2003 YJ₉₅
 2007 RJ₁₈₀ = 2005 GD₅₆
 2007 RM₁₈₀ = 1994 PT₂₄ = 1994 PN₄₀
 2007 RR₁₈₀ = 2005 ER₂₂₈ = 2005 FN₉
 2007 RX₁₈₀ = 2005 GO₁₈₃
 2007 RU₁₈₁ = 2007 SX
 2007 RW₁₈₁ = 2005 CS₂₆
 2007 RX₁₈₂ = 2001 NR₂₀
 2007 RD₁₈₄ = 2003 YT₁₀₁
 2007 RG₁₈₄ = 2004 XO₉₅
 2007 RC₁₈₅ = 2000 SH₃₀₇
 2007 RQ₁₈₅ = 2003 YM₄₈
 2007 RZ₁₈₇ = 2005 JC₁₈₂
 2007 RY₁₈₈ = 2002 TN₆₇
 2007 RE₁₈₉ = 2003 UP₃₀₈

2007 RG₁₈₉ = 2005 EL₁₄₆
 2007 RE₁₉₀ = 2002 VG₅₄
 2007 RL₁₉₃ = 2004 YE₂₃
 2007 RX₁₉₃ = 2000 EN₆
 2007 RR₁₉₄ = 2003 OG₁₃
 2007 RY₁₉₅ = 2003 MJ₁₂
 2007 RK₁₉₉ = 2003 WW₁₀₉
 2007 RQ₂₀₃ = 2004 AP₁₇
 2007 RA₂₀₄ = 1993 LQ
 2007 RE₂₀₄ = 1993 FM₆₉
 2007 RK₂₀₄ = 2004 CZ₁₀₅
 2007 RC₂₀₆ = 2001 EQ₁₂ = 2005 CJ₁₅
 2007 RF₂₀₆ = 1998 BW₂₀
 2007 RW₂₀₆ = 2005 BN₆
 2007 RC₂₀₇ = 2004 CW₈₈
 2007 RJ₂₀₇ = 2006 JU₁₂
 2007 RO₂₀₇ = 2000 QN₁₈₄
 2007 RS₂₀₇ = 2000 JW₈₀
 2007 RE₂₀₈ = 2005 EF₈₂
 2007 RT₂₀₈ = 2005 EG₂₀₈
 2007 RW₂₀₈ = 2005 CE₆₀
 2007 RJ₂₀₉ = 2006 GZ₄₄
 2007 RK₂₀₉ = 2004 AW₁₄ = 2006 JW₂₆
 2007 RM₂₀₉ = 2005 ET₂₈₄
 2007 RK₂₁₁ = 1999 EK₁ = 2005 FC₁₂
 2007 RC₂₁₂ = 2006 FD₅₂
 2007 RQ₂₁₂ = 2004 WL₄
 2007 RW₂₁₂ = 2004 XJ₉₃
 2007 RD₂₁₃ = 2006 KV₆₂
 2007 RO₂₁₃ = 2003 UG₃₆₅
 2007 RO₂₁₄ = 2004 FT₃₃
 2007 RV₂₁₅ = 2002 PE₅
 2007 RG₂₁₆ = 2005 EJ₅₉ = 2005 EY₂₇₃
 2007 RJ₂₁₆ = 2000 VL₄₁
 2007 RP₂₁₆ = 2003 TZ₄₀
 2007 RJ₂₁₇ = 2003 MZ₄ = 2006 DK₁₀₅
 2007 RB₂₁₉ = 2003 UA₉₄
 2007 RH₂₁₉ = 2003 UZ₁₂
 2007 RE₂₂₀ = 2005 GH₁₅₂
 2007 RF₂₂₀ = 2006 GC₄₇
 2007 RZ₂₂₀ = 2001 QF₂₂₉
 2007 RK₂₂₁ = 2003 UR₂₉₃
 2007 RA₂₂₂ = 2006 DP₁₉₃
 2007 RE₂₂₂ = 2005 GL₂₂₄
 2007 RB₂₂₃ = 2005 EA₁₂₂
 2007 RE₂₂₃ = 2006 KO₁₄₃
 2007 RP₂₂₃ = 1993 UQ₁
 2007 RX₂₂₅ = 2006 JQ₁₈
 2007 RH₂₂₆ = 2005 EY₁₀₃ = 2005 EC₁₁₄
 2007 RE₂₂₇ = 2006 HG₃₄
 2007 RQ₂₂₇ = 2005 GH₁₇₅
 2007 RW₂₂₈ = 2006 DM₁₉₂

2007 RY₂₂₈ = 2002 CX₃₀₆
 2007 RY₂₂₉ = 2003 UX₄₁₂
 2007 RR₂₃₀ = 2005 EG₂₈₃
 2007 RS₂₃₀ = 2003 TZ₄₆
 2007 RJ₂₃₁ = 2003 SQ₂₈₉
 2007 RL₂₃₂ = 2000 XU₄₈
 2007 RD₂₃₃ = 2003 YA₁₄₈
 2007 RR₂₃₃ = 2002 RY₇₁
 2007 RJ₂₃₄ = 1997 CX₂₄ = 2005 EY₂₇₇
 2007 RW₂₃₅ = 2003 OK₃₄
 2007 RX₂₃₅ = 2006 GN₂₅
 2007 RF₂₃₆ = 2006 DG₁
 2007 RQ₂₃₆ = 2006 EK₁₆
 2007 RJ₂₃₇ = 2006 DG₇₆
 2007 RT₂₃₇ = 1997 SK₁₉
 2007 RO₂₃₈ = 2003 TM₂₅
 2007 RU₂₃₈ = 2006 DR₁₅
 2007 RG₂₄₀ = 2005 EX₅₇
 2007 RJ₂₄₀ = 2005 BU₄₂
 2007 RN₂₄₁ = 2004 VX₉₆
 2007 RS₂₄₁ = 2001 ER₂₆
 2007 RY₂₄₂ = 2005 CT₇₂ = 2006 JZ₅₃
 2007 RL₂₄₃ = 2000 KG₆
 2007 RM₂₄₃ = 2003 UT₂₆₆
 2007 RC₂₄₄ = 2006 GM₄₅
 2007 RO₂₄₄ = 2004 FR₂₂
 2007 RD₂₄₇ = 2001 QP₁₈₅
 2007 RZ₂₅₂ = 2003 WN₄₃
 2007 RJ₂₅₃ = 2000 SA₁₉₇
 2007 RU₂₅₄ = 2004 XP₈₈
 2007 RL₂₅₇ = 2005 BC₁₉
 2007 RG₂₅₈ = 2007 RT₇₁ = 2003 WZ₁₈₆
 2007 RC₂₅₉ = 2006 DY₁₄₇
 2007 RH₂₅₉ = 2005 GE₁₅₅
 2007 RP₂₅₉ = 1997 HV₁₆
 2007 RH₂₆₁ = 2005 EF₁₀₈ = 2005 JA₄₉
 2007 RS₂₆₅ = 2003 WH₁₀₇ = 2006 JP₇₁
 2007 RQ₂₆₇ = 2000 WD₁₇₄ = 2005 CW₇₅
 2007 RP₂₆₉ = 2003 AO₈₇
 2007 RX₂₆₉ = 2005 UD₅₀₆
 2007 RZ₂₇₀ = 2000 OD₅₅
 2007 RP₂₇₂ = 2002 XQ₁₀₆
 2007 RG₂₇₅ = 2005 JT₁₆
 2007 RL₂₇₅ = 2004 XJ₄₇
 2007 RQ₂₇₅ = 2006 AC₈₆
 2007 RS₂₇₅ = 1997 LM₂
 2007 RW₂₇₅ = 2005 EG₂₇₁
 2007 RO₂₇₆ = 1998 TJ₃
 2007 RF₂₇₇ = 2000 BV₄₇
 2007 RL₂₇₇ = 2002 TX₂₃₃
 2007 RM₂₇₇ = 2003 WP₂₀
 2007 RK₂₇₈ = 2004 BZ₁₀₃

2007 RQ₂₇₈ = 2004 HB₅₄
 2007 RY₂₇₉ = 1999 FF₈₁
 2007 RO₂₈₀ = 2003 UQ₅₄ = 2003 WA₂₂
 2007 RU₂₈₀ = 2002 PH₄
 2007 RF₂₈₁ = 2003 WQ₄₉
 2007 RH₂₈₁ = 2001 VB₁₇ = 2006 PA₃₂
 2007 RN₂₈₁ = 2005 EM₃₅
 2007 RT₂₈₁ = 2006 KX₄₂
 2007 SN = 2006 KV₁₁₇
 2007 SP = 1996 TB₁₃
 2007 SS = 1998 MG₅
 2007 SX₁ = 1998 SX₆₁
 2007 SG₂ = 2003 SU₃₅₃
 2007 SU₂ = 1999 TG₈₁
 2007 SY₂ = 2000 YH₉₉ = 2005 CY₅₀
 2007 SS₃ = 2004 XN₁₁₈
 2007 SZ₃ = 2003 GV₅₂
 2007 SA₄ = 2005 ED₃₂₆
 2007 SP₄ = 2005 EP₇₁
 2007 ST₄ = 2006 HO₁₉
 2007 SE₅ = 2006 DN₁₉₈
 2007 SH₅ = 2006 GG₄₃
 2007 SK₅ = 1996 TL₂₆
 2007 SP₅ = 2005 ES₂₆₁
 2007 ST₅ = 2005 EQ₅₂
 2007 SV₅ = 1995 CK₄
 2007 SA₆ = 2004 XO₁₂₂ = 2006 KK₇₉
 2007 SH₇ = 2003 NF₂
 2007 SR₇ = 2005 EB₁₇₃
 2007 SV₇ = 2002 JW₁₁₆
 2007 SE₁₀ = 2002 RP₂₀₇
 2007 SM₁₀ = 2002 WQ₂ = 2005 JF₁₈₂
 2007 SB₁₂ = 2006 HV₁₁₄
 2007 SC₁₂ = 2003 UE₁₂₉
 2007 SX₁₂ = 2003 UM₃₆₉
 2007 SA₁₃ = 2005 EZ₂₅₅
 2007 SZ₁₃ = 2005 EQ₂₅₉
 2007 SE₁₄ = 2000 GF₁₇₅
 2007 SN₁₄ = 2006 KL₄₉
 2007 SG₁₅ = 2001 JK₄
 2007 SH₁₅ = 2005 BG₅
 2007 SA₁₆ = 1995 OP₁₄ = 2001 SU₁₉₈
 2007 SB₁₆ = 2003 SL₃₅₄
 2007 SL₁₆ = 1999 TU₂₇₆
 2007 SO₁₆ = 2006 JU₃
 2007 SD₁₇ = 1999 FB₉₁ = 2006 HY₂
 2007 SM₁₇ = 2007 PP₃₂ = 2006 GV₂₇
 2007 TE = 2006 KW₇₇
 2007 TH = 2005 MO₅
 2007 TQ = 2003 WL₁₆
 2007 TT = 1998 QB₁₁₀
 2007 TB₁ = 2002 YX₃₂

2007 TS₁ = 1999 FO₁₁
 2007 TB₂ = 1997 TU₃
 2007 TW₂ = 2003 UD₁₇₀
 2007 TZ₃ = 2005 ED₃₁₁
 2007 TN₄ = 2003 SW₁₈₉
 2007 TV₆ = 2006 EP₆₁
 2007 TW₆ = 2003 QM₈₆
 2007 TY₆ = 2001 RE₃₉
 2007 TY₇ = 2002 CT₁₉₃ = 2006 GE₁₅
 2007 TD₈ = 2002 CF₈₅ = 2004 XY₁₂₇ = 2006 GK₆
 2007 TA₉ = 2006 MG₁
 2007 TZ₉ = 2002 EF₁₁₇
 2007 TB₁₀ = 2000 SM₇₁
 2007 TH₁₀ = 1998 UC₄₆
 2007 TK₁₀ = 2000 YF₄₃
 2007 TN₁₀ = 2006 DN₁₆₂
 2007 TP₁₀ = 2000 SR₈₀
 2007 TR₁₀ = 2005 BF₄₅
 2007 TS₁₀ = 2003 UN₉₆
 2007 TE₁₁ = 2005 BQ₁₂
 2007 TG₁₁ = 1998 RE₃
 2007 TJ₁₁ = 1994 PY₁₄
 2007 TU₁₁ = 2006 JD₂₄
 2007 TA₁₂ = 2005 ER₁₇₂
 2007 TG₁₂ = 2006 HN₁₂₆
 2007 TO₁₂ = 2006 FS₁₅ = 2006 MG₁₅
 2007 TP₁₂ = 2005 CG₁₄
 2007 TR₁₂ = 2000 UX₈₇
 2007 TS₁₂ = 2005 JW₁₈₁
 2007 TY₁₂ = 2006 KZ₆₃
 2007 TA₁₃ = 2001 SS₇₇
 2007 TD₁₃ = 2006 KR₂₈
 2007 TL₁₃ = 2006 MV₁₂
 2007 TU₁₃ = 2000 WF₅₂
 2007 TW₁₃ = 1995 FP₁₂
 2007 TY₁₃ = 1999 TR₁₆₈
 2007 TD₁₄ = 1996 TQ₆₈
 2007 TE₁₄ = 2002 XM₆₇
 2007 TF₁₄ = 2006 KX₁₁₁
 2007 TL₁₄ = 2000 BW₃₈
 2007 TN₁₄ = 2000 WM₁₄₈ = 2002 CG₁₉₃
 2007 TQ₁₄ = 2006 JA₁₆
 2007 TF₁₆ = 2005 EE₁₉₄
 2007 TJ₁₆ = 2006 JK₇₀
 2007 TM₁₆ = 2003 SC₂₁₉
 2007 TY₁₆ = 2005 CP₃₄
 2007 TZ₁₆ = 2005 GO₁₅₉
 2007 TH₁₇ = 2005 JB₈₄
 2007 TF₁₈ = 2004 FV₈₂
 2007 TL₁₈ = 2005 EB₅₄
 2007 TS₁₈ = 2004 QK₁₄
 2007 TY₁₈ = 1997 GF₄₅

2007 TG₂₀ = 2005 EX₂₅₅
 2007 TE₂₂ = 1998 VU₅₀
 2007 TU₂₂ = 2004 XU₉₈
 2007 TM₂₅ = 2004 XH₁₇₃
 2007 TO₂₅ = 2003 SG₃₅₇
 2007 TP₂₅ = 2004 BR₁₀₀ = 2005 GC₂₁₁ = 2005 GG₂₂₄
 2007 TR₂₅ = 2003 UZ₂₂₉ = 2006 KP₈₃
 2007 TE₂₇ = 2003 US₃₆₆
 2007 TC₂₈ = 2002 RJ₁₇₀
 2007 TD₂₈ = 2005 JT₈
 2007 TM₂₉ = 2003 WL₅₇
 2007 TG₃₁ = 2001 QN₇₁
 2007 TL₃₃ = 2005 AE₂
 2007 TZ₃₄ = 2006 JR₄₂
 2007 TE₃₆ = 2005 CT₃₅
 2007 TJ₄₀ = 2000 UO₁₁₁
 2007 TE₄₁ = 2002 JX₁₁₀
 2007 TU₄₁ = 2003 WZ₃₈ = 2006 JH
 2007 TG₄₅ = 2003 MG₉
 2007 TQ₄₇ = 2002 RZ₂₂₆
 2007 TF₄₈ = 2001 QO₃₀₂
 2007 TH₄₈ = 2003 SU₁₁₄
 2007 TD₄₉ = 2003 UT₄₁₂ = 2006 KG₁₀₇
 2007 TG₄₉ = 2001 SW₈₁
 2007 TL₄₉ = 2005 GJ₁₆
 2007 TW₄₉ = 2005 GN₉₀
 2007 TU₅₀ = 2005 EW₃₀₇
 2007 TV₅₄ = 2005 GZ₂₂₀
 2007 TV₅₅ = 2003 NM₁₀
 2007 TL₅₆ = 2003 WV₁₆₁
 2007 TD₆₀ = 2003 WC₁₂₃
 2007 TW₆₀ = 2002 UA₁₀
 2007 TX₆₆ = 2003 UP₃₅₁
 2007 TK₆₇ = 2005 GP₁₇₆
 2007 TN₆₇ = 2002 LF₆₀
 2007 TO₆₇ = 2001 DF₅₁
 2007 TT₆₇ = 2004 AF₁₃
 2007 TV₆₇ = 2004 BW₆₃
 2007 TN₆₈ = 2005 GB₁₇₅
 2007 TE₆₉ = 2005 JO₁₅₂
 2007 TP₆₉ = 2006 JW₂₂
 2007 TY₇₀ = 2003 SU₆₁
 2007 TC₇₂ = 2005 EM₄₈
 2007 TO₇₂ = 2006 DB₁₅₅
 2007 TP₇₄ = 2006 HG
 2007 TM₇₇ = 2003 WD₇₂
 2007 TQ₇₇ = 2003 WS₃₈
 2007 TT₇₇ = 2000 YS₈₂
 2007 TV₇₉ = 2002 CN₄ = 2004 XM₄₇
 2007 TD₈₀ = 2003 UP₃₆₇
 2007 TJ₈₀ = 2003 UB₂₁₈
 2007 TO₈₀ = 2004 BR₇₈

2007 TM₈₁ = 2000 UK₂₃
 2007 TK₉₁ = 2000 SF₂₈₁
 2007 TB₉₂ = 2001 AG₁₉
 2007 TL₉₄ = 2003 WS₄₅
 2007 TM₉₄ = 2003 AX₈₇
 2007 TN₉₄ = 2002 RJ₂₇₈
 2007 TW₉₄ = 2005 GU₁₂₉
 2007 TZ₉₄ = 2006 JE₁
 2007 TU₁₀₁ = 2005 EQ₁₅₈
 2007 TE₁₀₂ = 2006 GU₄₆
 2007 TN₁₀₃ = 2005 GC₁₃₅
 2007 TO₁₀₃ = 2005 JL₇₇ = 2006 PL₄₂
 2007 TA₁₀₆ = 2005 JK₁₁₉
 2007 TJ₁₁₃ = 2006 JL₇₁
 2007 TN₁₁₃ = 2002 CU₁₁₀
 2007 TC₁₂₀ = 2000 YJ₅₇ = 2005 EC₃₁₇
 2007 TD₁₂₄ = 2005 JY₅₃
 2007 TD₁₂₅ = 2006 GJ₁₀
 2007 TO₁₃₀ = 2005 GS₉₃
 2007 TL₁₄₅ = 2002 QR₁₀₀
 2007 TO₁₄₅ = 2006 GV₂₆
 2007 TP₁₄₆ = 2006 KZ₁₀₇
 2007 TF₁₄₇ = 1996 TY₁
 2007 TR₁₄₇ = 2003 YE₁₆₅
 2007 TU₁₄₇ = 1996 VX₁₂ = 2004 EF₄₀
 2007 TV₁₄₇ = 2000 SC₂₅₅
 2007 TV₁₄₉ = 2006 DJ₁₀₈
 2007 TM₁₅₃ = 2001 AY₅₂
 2007 TX₁₅₄ = 1997 WM₄ = 2006 HN₅₀
 2007 TF₁₅₆ = 2003 AU₈₄
 2007 TV₁₅₉ = 2003 OS₂₅
 2007 TF₁₆₃ = 2000 UL₁₁₁
 2007 TM₁₆₅ = 2005 AW₂₃ = 2006 KW₁₀₆
 2007 TN₁₇₆ = 2003 XS₂₅
 2007 UL = 2000 WS₁₈₈
 6240 P-L = 2007 RE₂₁₇
 6344 P-L = 2007 RR₉
 6807 P-L = 2007 RL₇₇
 1406 T-2 = 2007 RX₃₀
 4282 T-2 = 2007 TJ₉
 3318 T-3 = 2007 TJ₇₃
 3383 T-3 = 2007 RK₃₆

NEW NAMES OF MINOR PLANETS

(23768) Abu-Rmaileh = 1998 MT₃₂

Discovered 1998 June 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Muhammad Akef Abu-Rmaileh (b. 1994) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He attends the Lisa Academy, Little Rock, Arkansas.

(23769) Russellbabb = 1998 MP₃₃

Discovered 1998 June 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Russell S. Babb (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He attends the Mountain Ridge Junior High School, Highland, Utah.

(23779) Cambier = 1998 QL₁₀

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Colleen Siobahn Cambier (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the St. Paul's School, Clearwater, Florida.

(23783) Alyssachan = 1998 QG₁₂

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alyssa Lauren Chan (b. 1991) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the Rhoades School, Encinitas, California.

(23788) Cofer = 1998 QT₁₈

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Evan Mitchell Cofer (b. 1994) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his engineering project. He attends the Keystone Junior High School, San Antonio, Texas.

(23791) Kaysonconlin = 1998 QX₂₁

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kayson Levi Conlin (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his engineering project. He attends the Rocky Mountain Middle School, Heber City, Utah.

(23792) Alyssacook = 1998 QU₂₄

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alyssa Noel Cook (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the Fairmont Private Schools, Santa Ana, California.

(23798) Samagonzalez = 1998 QL₃₇

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Samantha Gonzalez (b. 1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her environmental sciences project. She attends the St. Gregory the Great Catholic School, San Antonio, Texas.

(23801) Erikgustafson = 1998 QQ₃₈

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erik Olaf Gustafson (b. 1996) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his environmental sciences project. He attends the Homer Intermediate School, Homer, New York.

(23804) Haber = 1998 QR₃₉

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Catherine Michelle Haber (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her behavioral science project. She attends the St. Martin of Tours School, Los Angeles, California.

(23808) Joshuahammer = 1998 QL₄₂

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joshua Wayne Hammer (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Centennial Middle School, Dade City, Florida.

(23809) Haswell = 1998 QC₄₄

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

John Douglas Reiji Haswell (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Hilo Intermediate School, Hilo, Hawaii.

(23811) Connorivens = 1998 QB₄₆

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Connor Joseph Ivens (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his physical science project. He attends the Newaygo Middle School, Newaygo, Michigan.

(23812) Jannuzi = 1998 QR₄₆

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brigg Lowell Jannuzi (b. 1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his earth and space science project. He attends the Doolen Middle School, Tucson, Arizona.

(23814) Bethanylynne = 1998 QE₄₉

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bethany Lynne Johnson (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her

biochem, medicine, health, and microbiology project. She attends the Life Christian Academy, Harvest, Alabama.

(23816) Rohitkamat = 1998 QF₅₀

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rohit G. Kamat (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He attends the Barbara Bush Middle School, San Antonio, Texas.

(23817) Gokulk = 1998 QX₅₀

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Gokul Krishnan (b.1994) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Oak Grove School, Green Oaks, Illinois.

(23818) Matthewlepow = 1998 QZ₅₀

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew Brice Lepow (b. 1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his earth and space science project. He attends the Southfield School, Shreveport, Louisiana.

(23821) Morganmonroe = 1998 QZ₆₉

Discovered 1998 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Morgan McKay Monroe (b.1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her physical science project. She attends the Episcopal High School, Jacksonville, Florida.

(23831) Mattmooney = 1998 QK₈₆

Discovered 1998 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew Michael Mooney (b.1994) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his environmental sciences project. He attends the St. Luke's Episcopal School, San Antonio, Texas.

(23833) Mowers = 1998 QS₉₀

Discovered 1998 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christopher Scott Mowers (b.1995) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his physical science project. He attends the St. Nicholas Catholic School, Gig Harbor, Washington.

(23834) Mukhopadhyay = 1998 QW₉₀

Discovered 1998 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Prithwis Kumar Mukhopadhyay (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition,

for his environmental sciences project. He attends the Lake Junior High School, Woodbury, Minnesota.

(23837) Matthewnanni = 1998 QY₉₃

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew James Nanni (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He attends the Emily Gray Junior High School, Tucson, Arizona.

(23844) Raghvendra = 1998 QB₁₀₉

Discovered 1998 Aug. 17 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shubha Srinivas Raghvendra (b.1994) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her behavioral science project. She attends the Challenger School, Sunnyvale, California.

(23850) Ramaswami = 1998 RJ₃₄

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Keshav Ramaswami (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Mission Valley Middle School, Prairie Village, Kansas.

(23851) Rottman-Yang = 1998 RZ₃₄

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jaron Shalom Rottman-Yang (b.1995) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Meigs Magnet Middle School, Nashville, Tennessee.

(23852) Laurierumker = 1998 RN₃₅

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Laurie Ann Rumker (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the Oregon Episcopal School, Portland, Oregon.

(23854) Rickschaffer = 1998 RD₄₀

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rick Schinco Schaffer (b.1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He attends the James Weldon Johnson Middle School, Jacksonville, Florida.

(23855) Brandonshih = 1998 RD₄₄

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brandon H. Shih (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his environmental sciences project. He attends the Great Neck South Middle School, Great Neck, New York.

(23858) Ambrosesoehn = 1998 RG₅₃

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ambrose Geoffrey Soehn (b.1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his physical science project. He attends the Summit Middle School, Boulder, Colorado.

(23861) Benjaminsong = 1998 RM₅₈

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin Paul Song (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his biochem, medicine, health, and microbiology project. He attends the Arcola Intermediate School, Norristown, Pennsylvania.

(23865) Karlsorensen = 1998 RK₆₅

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karl Mikael Sorensen (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his botany and zoology project. He is a member of the Home Educators of the New River Valley, Pearisburg, Virginia.

(23867) Cathsoto = 1998 RG₇₁

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Catherine Soto (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the Hollenbeck Middle School, Math, Science, & Technology Magnet, Los Angeles, California.

(23875) Strube = 1998 RC₇₇

Discovered 1998 Sept. 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katherine Michaela Strube (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her physical science project. She attends the Nipher Middle School, Kirkwood, Missouri.

(23904) Amytang = 1998 SE₇₀

Discovered 1998 Sept. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amy B. Tang (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her environmental sciences project. She attends the Meadow Park Middle School, Summa Academy, Beaverton, Oregon.

(23922) Tawadros = 1998 SR₁₃₅

Discovered 1998 Sept. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kyrillos Bahaa Tawadros (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his

earth and space science project. He attends the Doolen Middle School, Tucson, Arizona.

(23924) Premt = 1998 SX₁₄₀

Discovered 1998 Sept. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Prem Poothatta Thottumkara (b.1992) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for his physical science project. He attends the Macomb Junior High School, Macomb, Illinois.

(23928) Darbywoodard = 1998 ST₁₆₀

Discovered 1998 Sept. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Darby Elizabeth Woodard (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her biochem, medicine, health, and microbiology project. She attends the Mitchell Road Christian School, Greenville, South Carolina.

(23949) Dazapata = 1998 UP₂₁

Discovered 1998 Oct. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Danielle Zapata (b.1993) is a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition, for her environmental sciences project. She attends the St. Gregory the Great Catholic School, San Antonio, Texas.

(23975) Akran = 1999 CU₈₁

Discovered 1999 Feb. 12 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erkan Akran mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Lisa Academy, Little Rock, Arkansas.

(23980) Ogden = 1999 JA₁₂₄

Discovered 1999 May 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kristen Ogden mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Mountain Ridge Junior High School, Highland, Utah.

(23981) Patjohnson = 1999 LC₄

Discovered 1999 June 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Patricia Johnson mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the St. Paul's School, Clearwater, Florida.

(23992) Markhobbs = 1999 RO₁₁

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mark Hobbs mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Fairmont Private Schools, Santa Ana, California.

(23994) Mayhan = 1999 RA₁₄

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rosemarie Mayhan mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the St. Gregory the Great Catholic School, San Antonio, Texas.

(23995) Oechsle = 1999 RX₁₇

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Janet Oechsle mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Homer Intermediate School, Homer, New York.

(24005) Eddieozawa = 1999 RB₅₉

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eddie Ozawa mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the St. Martin of Tours School, Los Angeles, California.

(24010) Stovall = 1999 RR₁₀₄

Discovered 1999 Sept. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Laraine Stovall mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Centennial Middle School, Dade City, Florida.

(24015) Pascalepinner = 1999 RK₁₂₃

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pascale Pinner mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Hilo Intermediate School, Hilo, Hawaii.

(24019) Jeremygasper = 1999 RX₁₃₇

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jeremy Gasper mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Newaygo Middle School, Newaygo, Michigan.

(24021) Yocum = 1999 RT₁₄₃

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ivan Yocum mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Doolen Middle School, Tucson, Arizona.

(24024) Lynnejohnson = 1999 RY₁₅₉

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lynne Johnson mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Life Christian Academy, Harvest, Alabama.

(24025) Kimwallin = 1999 RV₁₆₄

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kim Wallin mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Barbara Bush Middle School, San Antonio, Texas.

(24026) Pusateri = 1999 RN₁₇₅

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lynne Pusateri mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Oak Grove School, Green Oaks, Illinois.

(24027) Downs = 1999 RP₁₇₆

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karen Downs mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Southfield School, Shreveport, Louisiana.

(24028) Veronicaduys = 1999 RP₁₈₂

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Veronica Duys mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Cocoa Beach Junior/Senior High School, Cocoa Beach, Florida.

(24032) Aimeemcarthy = 1999 RO₂₁₂

Discovered 1999 Sept. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Aimee McCarthy mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Episcopal High School, Jacksonville, Florida.

(24044) Caballo = 1999 SL₁₇

Discovered 1999 Sept. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Cindy Caballo mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the St. Luke's Episcopal School, San Antonio, Texas.

(24045) Unruh = 1999 ST₁₈

Discovered 1999 Sept. 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amy Unruh mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the St. Nicholas Catholic School, Gig Harbor, Washington.

(24051) Hadinger = 1999 TW₂₈

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Melisa Hadinger mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Emily Gray Junior High School, Tucson, Arizona.

(24052) Nguyen = 1999 TC₃₃

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Thuy-Anh Nguyen mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Challenger School, Sunnyvale, California.

(24059) Halverson = 1999 TE₉₄

Discovered 1999 Oct. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carl Halverson mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Mission Valley Middle School, Prairie Village, Kansas.

(24060) Schimenti = 1999 TQ₁₀₀

Discovered 1999 Oct. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jamie Schimenti mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Meigs Magnet Middle School, Nashville, Tennessee.

(24062) Hardister = 1999 TF₁₁₂

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Scott Hardister mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Oregon Episcopal School, Portland, Oregon.

(24063) Nanwoodward = 1999 TV₁₁₆

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nancy Woodward mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the James Weldon Johnson Middle School, Jacksonville, Florida.

(24065) Barbfriedman = 1999 TW₁₂₀

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Barbara Friedman mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Great Neck South Middle School, Great Neck, New York.

(24066) Eriksorensen = 1999 TE₁₂₃

Discovered 1999 Oct. 4 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erik Sorensen mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He is a member of the Home Educators of the New River Valley, Pearisburg, Virginia.

(24068) Simonsen = 1999 TR₁₅₆

Discovered 1999 Oct. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Larry Simonsen, Jr. mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Hollenbeck Middle School, Math, Science, & Technology Magnet, Los Angeles, California.

(24069) Barbarapener = 1999 TY₁₇₂

Discovered 1999 Oct. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Barbara Pener mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Nipher Middle School, Kirkwood, Missouri.

(24070) Toniwest = 1999 TH₁₇₃

Discovered 1999 Oct. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Toni West mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Meadow Park Middle School, Summa Academy, Beaverton, Oregon.

(24074) Thomasjohnson = 1999 TE₁₉₈

Discovered 1999 Oct. 12 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Thomas Johnson mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. He teaches at the Macomb Junior High School, Macomb, Illinois.

(24084) Teresaswiger = 1999 TG₂₈₉

Discovered 1999 Oct. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Teresa Swiger mentored a finalist in the 2007 Discovery Channel Young Scientist Challenge (DCYSC), a middle school science competition. She teaches at the Mitchell Road Christian School, Greenville, South Carolina.

EPHEMERIDES**193P/LINEAR-NEAT**

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements MPC 60928			
						ϵ	ϕ	m_1	m_2
2007 10 17		18 26.93	-29 17.3	2.433	2.342	72.9	24.0	19.6	
2007 10 27		18 44.50	-28 19.9	2.518	2.316	66.8	23.2	19.7	
2007 11 06		19 03.13	-27 16.2	2.600	2.291	61.1	22.3	19.7	
2007 11 16		19 22.62	-26 04.8	2.677	2.268	55.5	21.1	19.7	
2007 11 26		19 42.75	-24 44.7	2.748	2.246	50.1	19.7	19.7	
2007 12 06		20 03.33	-23 15.4	2.815	2.227	44.8	18.2	19.7	
2007 12 16		20 24.21	-21 36.3	2.876	2.210	39.7	16.5	19.7	
2007 12 26		20 45.24	-19 47.5	2.931	2.195	34.8	14.8	19.7	

192P/Shoemaker-Levy

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements MPC 60927			
						ϵ	ϕ	m_1	m_2
2007 10 17		19 05.32	-49 58.8	1.495	1.645	79.9	36.6	18.0	
2007 10 27		19 36.79	-47 54.2	1.502	1.593	76.3	37.3	17.9	
2007 11 06		20 09.99	-45 13.4	1.509	1.548	73.2	37.8	17.8	
2007 11 16		20 43.88	-41 52.6	1.518	1.512	70.6	38.1	17.7	
2007 11 26		21 17.54	-37 51.4	1.531	1.484	68.3	38.2	17.6	
2007 12 06		21 50.30	-33 13.1	1.551	1.467	66.4	38.0	17.6	
2007 12 16		22 21.81	-28 04.2	1.581	1.460	64.6	37.5	17.6	
2007 12 26		22 51.92	-22 34.1	1.623	1.464	62.8	36.7	17.7	
2008 01 05		23 20.67	-16 53.3	1.679	1.479	61.0	35.6	17.8	
2008 01 15		23 48.22	-11 11.8	1.748	1.503	59.2	34.2	18.0	
2008 01 25		00 14.77	-05 39.1	1.831	1.537	57.1	32.5	18.2	
2008 02 04		00 40.51	-00 21.9	1.926	1.580	54.9	30.7	18.4	

M.P.C. 61020

2007 OCT. 26

2008 02 14	01 05.66	+04 34.8	2.033	1.630	52.4	28.7	18.7
2008 02 24	01 30.36	+09 08.1	2.150	1.687	49.6	26.5	18.9
2008 03 05	01 54.74	+13 16.7	2.274	1.749	46.7	24.4	19.2
2008 03 15	02 18.93	+17 00.3	2.404	1.816	43.5	22.1	19.5
2008 03 25	02 42.96	+20 19.6	2.537	1.887	40.1	19.9	19.8
2008 04 04	03 06.88	+23 15.3	2.671	1.961	36.6	17.7	20.1
2008 04 14	03 30.70	+25 48.9	2.805	2.037	33.0	15.5	20.3

C/2007 U1 (LINEAR)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		07 45.02	+02 34.1	4.246	4.286	85.6	13.4	18.5	
2007 10 27		07 39.54	+02 15.8	4.004	4.231	96.3	13.5	18.3	
2007 11 06		07 31.64	+02 00.8	3.768	4.176	107.6	13.1	18.1	
2007 11 16		07 20.94	+01 51.1	3.545	4.122	119.4	12.1	17.9	
2007 11 26		07 07.24	+01 49.2	3.346	4.070	131.7	10.4	17.7	
2007 12 06		06 50.51	+01 57.2	3.180	4.018	143.9	8.3	17.6	
2007 12 16		06 31.13	+02 17.3	3.056	3.968	154.6	6.1	17.4	
2007 12 26		06 09.90	+02 49.9	2.983	3.919	159.4	5.1	17.3	

C/2007 T5 (Gibbs)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		08 18.85	+19 24.6	4.544	4.491	80.6	12.7	17.8	
2007 10 27		08 24.91	+20 07.5	4.358	4.459	89.4	12.9	17.7	
2007 11 06		08 29.89	+20 59.2	4.174	4.429	98.4	12.8	17.6	
2007 11 16		08 33.63	+22 01.2	3.995	4.400	107.9	12.4	17.4	
2007 11 26		08 35.97	+23 14.5	3.826	4.373	117.7	11.5	17.3	
2007 12 06		08 36.79	+24 39.4	3.672	4.346	127.9	10.3	17.2	
2007 12 16		08 36.01	+26 15.3	3.537	4.322	138.3	8.7	17.1	
2007 12 26		08 33.64	+28 00.1	3.427	4.298	148.8	6.8	17.0	
2008 01 05		08 29.82	+29 50.4	3.345	4.276	158.8	4.8	16.9	
2008 01 15		08 24.83	+31 41.9	3.295	4.256	166.2	3.2	16.9	
2008 01 25		08 19.11	+33 29.3	3.277	4.237	165.6	3.3	16.8	

P/2007 T6 (Catalina)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		08 27.67	+17 49.4	2.252	2.270	78.2	25.5	17.8	
2007 10 27		08 42.71	+18 15.3	2.152	2.288	84.8	25.6	17.8	
2007 11 06		08 56.20	+18 51.4	2.052	2.308	91.9	25.4	17.7	
2007 11 16		09 07.87	+19 41.2	1.954	2.331	99.6	24.7	17.6	
2007 11 26		09 17.42	+20 48.0	1.860	2.357	107.8	23.5	17.6	
2007 12 06		09 24.55	+22 14.3	1.774	2.384	116.6	21.7	17.5	
2007 12 16		09 28.92	+24 01.0	1.699	2.413	126.1	19.2	17.5	
2007 12 26		09 30.31	+26 06.3	1.639	2.445	136.1	16.2	17.5	

C/2007 S2 (Lemmon)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		08 33.40	+18 43.8	5.981	5.840	77.1	9.6	18.0	
2007 10 27		08 37.38	+18 13.7	5.807	5.824	86.1	9.8	18.0	
2007 11 06		08 40.37	+17 46.2	5.633	5.808	95.2	9.8	17.9	
2007 11 16		08 42.26	+17 21.5	5.461	5.793	104.8	9.5	17.8	
2007 11 26		08 42.99	+17 00.2	5.297	5.778	114.6	8.9	17.7	
2007 12 06		08 42.54	+16 42.5	5.144	5.763	124.7	8.1	17.7	
2007 12 16		08 40.92	+16 28.5	5.009	5.749	135.2	6.9	17.6	
2007 12 26		08 38.23	+16 18.0	4.894	5.735	145.9	5.5	17.5	

2008 01 05	08 34.62	+16 10.5	4.805	5.722	156.9	3.9	17.5
2008 01 15	08 30.34	+16 05.6	4.744	5.710	167.8	2.1	17.4
2008 01 25	08 25.70	+16 02.3	4.714	5.697	176.8	0.5	17.4
2008 02 04	08 21.03	+15 59.8	4.715	5.685	168.8	1.9	17.4
2008 02 14	08 16.68	+15 57.3	4.747	5.674	157.9	3.8	17.4
2008 02 24	08 12.99	+15 54.0	4.807	5.663	147.1	5.5	17.4
2008 03 05	08 10.19	+15 49.4	4.893	5.653	136.4	6.9	17.5
2008 03 15	08 08.47	+15 42.9	5.000	5.643	126.1	8.2	17.5
2008 03 25	08 07.94	+15 34.0	5.123	5.634	116.1	9.1	17.6
2008 04 04	08 08.61	+15 22.7	5.259	5.625	106.4	9.8	17.6
2008 04 14	08 10.46	+15 08.5	5.403	5.616	97.1	10.2	17.7

P/2007 T2 (Kowalski)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		10 07.11	+24 23.2	0.570	0.854	58.8	86.4	16.6	
2007 10 27		10 12.61	+25 42.1	0.644	0.960	67.9	73.6	17.4	
2007 11 06		10 18.26	+26 38.0	0.699	1.076	76.9	63.8	18.0	
2007 11 16		10 21.32	+27 38.6	0.737	1.195	86.3	55.7	18.6	
2007 11 26		10 20.11	+28 56.9	0.761	1.315	96.7	48.2	19.1	
2007 12 06		10 13.42	+30 36.3	0.779	1.434	108.2	40.7	19.5	
2007 12 16		10 00.38	+32 31.1	0.796	1.552	120.9	33.0	19.9	
2007 12 26		09 41.04	+34 25.0	0.823	1.666	134.3	25.0	20.3	
2008 01 05		09 16.91	+35 55.6	0.868	1.778	147.7	17.2	20.7	

P/2007 T4 (Gibbs)

Elements MPC 60927

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 10 17		10 07.82	+33 53.0	2.421	2.168	63.5	24.3	18.3	
2007 10 27		10 29.52	+33 11.4	2.367	2.205	68.5	24.8	18.3	
2007 11 06		10 49.41	+32 34.5	2.311	2.245	73.7	25.1	18.3	
2007 11 16		11 07.36	+32 05.9	2.252	2.287	79.4	25.2	18.4	
2007 11 26		11 23.19	+31 48.4	2.192	2.332	85.4	25.0	18.4	
2007 12 06		11 36.76	+31 44.4	2.131	2.378	91.9	24.5	18.4	
2007 12 16		11 47.80	+31 55.6	2.071	2.427	98.9	23.6	18.4	
2007 12 26		11 56.05	+32 22.4	2.014	2.477	106.3	22.4	18.5	

P/2007 R1 (Larson)

Elements MPC 60926

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 11 06		23 47.65	-02 05.9	3.628	4.368	133.2	9.5	17.2	
2007 11 16		23 47.11	-02 20.6	3.753	4.371	123.0	10.9	17.3	
2007 11 26		23 47.96	-02 25.2	3.893	4.375	113.0	12.0	17.4	
2007 12 06		23 50.17	-02 20.1	4.044	4.379	103.5	12.6	17.4	
2007 12 16		23 53.69	-02 05.8	4.201	4.384	94.2	12.9	17.5	
2007 12 26		23 58.40	-01 42.9	4.360	4.389	85.2	12.9	17.6	
2008 01 05		00 04.17	-01 12.6	4.517	4.394	76.6	12.6	17.7	
2008 01 15		00 10.89	-00 35.7	4.670	4.400	68.2	12.0	17.8	
2008 01 25		00 18.42	+00 06.6	4.815	4.407	60.0	11.2	17.9	
2008 02 04		00 26.64	+00 53.4	4.950	4.413	52.1	10.1	17.9	
2008 02 14		00 35.44	+01 43.8	5.073	4.420	44.3	9.0	18.0	
2008 02 24		00 44.72	+02 36.8	5.181	4.428	36.7	7.7	18.0	

158P/Kowal-LINEAR

Elements MPC 50356

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 11 26		13 46.25	-04 29.8	5.601	4.853	37.4	7.1	19.6	20.2
2007 12 06		13 54.51	-05 05.9	5.496	4.853	45.3	8.3	19.6	20.2

2007 OCT. 26

M.P.C. 61021

2007 12 16	14 02.30	−05 36.9	5.375	4.853	53.4	9.4	19.5	20.2
2007 12 26	14 09.52	−06 02.4	5.242	4.852	61.6	10.3	19.5	20.2
2008 01 05	14 16.03	−06 21.8	5.097	4.852	70.1	11.0	19.4	20.2
2008 01 15	14 21.72	−06 34.7	4.945	4.851	78.8	11.5	19.3	20.1
2008 01 25	14 26.43	−06 40.8	4.788	4.851	87.8	11.7	19.3	20.0
2008 02 04	14 30.04	−06 39.9	4.630	4.850	97.0	11.6	19.2	20.0
2008 02 14	14 32.43	−06 31.8	4.475	4.849	106.5	11.3	19.1	19.9
2008 02 24	14 33.52	−06 16.9	4.328	4.849	116.3	10.5	19.0	19.8
2008 03 05	14 33.25	−05 55.5	4.194	4.848	126.3	9.5	19.0	19.7
2008 03 15	14 31.64	−05 28.6	4.076	4.847	136.6	8.1	18.9	19.5
2008 03 25	14 28.78	−04 57.6	3.980	4.846	146.9	6.4	18.9	19.4
2008 04 04	14 24.87	−04 24.0	3.908	4.845	157.2	4.6	18.8	19.3
2008 04 14	14 20.17	−03 50.1	3.864	4.845	166.4	2.8	18.8	19.2
2008 04 24	14 15.03	−03 18.2	3.849	4.844	170.2	2.0	18.8	19.1
2008 05 04	14 09.84	−02 50.4	3.865	4.843	164.2	3.2	18.8	19.2
2008 05 14	14 04.98	−02 28.7	3.909	4.842	154.7	5.1	18.8	19.3
2008 05 24	14 00.80	−02 14.6	3.979	4.841	144.7	6.9	18.8	19.4
2008 06 03	13 57.56	−02 08.7	4.073	4.840	134.7	8.6	18.9	19.6
2008 06 13	13 55.43	−02 11.4	4.186	4.839	124.9	9.9	19.0	19.7
2008 06 23	13 54.53	−02 22.3	4.314	4.838	115.3	10.9	19.0	19.8
2008 07 03	13 54.88	−02 40.9	4.454	4.836	106.1	11.7	19.1	19.9
2008 07 13	13 56.45	−03 06.3	4.601	4.835	97.2	12.0	19.2	20.0
2008 07 23	13 59.19	−03 37.6	4.751	4.834	88.6	12.1	19.2	20.0
2008 08 02	14 03.01	−04 13.8	4.900	4.833	80.2	11.9	19.3	20.1
2008 08 12	14 07.82	−04 54.0	5.046	4.832	72.1	11.5	19.4	20.1
2008 08 22	14 13.53	−05 37.1	5.185	4.830	64.2	10.9	19.4	20.2
2008 09 01	14 20.03	−06 22.5	5.314	4.829	56.4	10.0	19.5	20.2
2008 09 11	14 27.25	−07 09.2	5.432	4.828	48.7	9.0	19.5	20.2
2008 09 21	14 35.08	−07 56.5	5.537	4.826	41.2	7.9	19.6	20.2
2008 10 01	14 43.44	−08 43.7	5.626	4.825	33.7	6.6	19.6	20.2

6P/d'Arrest

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 11 26	14 21.56	+00 29.2	3.657	2.880	33.0	10.8		22.3	
2007 12 06	14 36.91	−00 22.4	3.514	2.814	38.7	12.7		22.2	
2007 12 16	14 52.62	−01 07.2	3.361	2.747	44.5	14.5		22.1	
2007 12 26	15 08.66	−01 44.2	3.199	2.679	50.3	16.4		22.0	
2008 01 05	15 25.00	−02 12.2	3.030	2.611	56.0	18.2		21.9	
2008 01 15	15 41.58	−02 30.2	2.855	2.542	61.8	19.9		21.8	
2008 01 25	15 58.35	−02 37.1	2.676	2.472	67.4	21.6		21.7	
2008 02 04	16 15.27	−02 31.9	2.496	2.402	73.1	23.1		21.5	
2008 02 14	16 32.23	−02 13.5	2.316	2.331	78.6	24.5		21.3	
2008 02 24	16 49.15	−01 41.2	2.138	2.260	84.0	25.8		21.1	
2008 03 05	17 05.96	−00 54.5	1.963	2.189	89.3	26.9		20.9	
2008 03 15	17 22.51	+00 07.2	1.793	2.117	94.5	27.9		20.6	
2008 03 25	17 38.70	+01 23.3	1.630	2.046	99.5	28.7		20.4	
2008 04 04	17 54.41	+02 53.4	1.474	1.976	104.3	29.4		20.1	
2008 04 14	18 09.46	+04 35.8	1.326	1.906	109.0	29.8	19.3	19.8	
2008 04 24	18 23.72	+06 27.6	1.188	1.837	113.5	30.2	18.4	19.5	
2008 05 04	18 37.03	+08 24.9	1.060	1.770	117.7	30.3	17.5	19.2	
2008 05 14	18 49.21	+10 21.2	0.941	1.705	121.8	30.3	16.6	18.8	
2008 05 24	19 00.16	+12 07.6	0.832	1.643	125.7	30.0	15.7	18.5	
2008 06 03	19 09.77	+13 32.4	0.733	1.585	129.5	29.6	14.8	18.1	

Elements MPC 54169

2008 06 13	19 18.04	+14 19.0	0.643	1.531	133.6	28.7	13.9	17.7
2008 06 23	19 25.19	+14 06.6	0.562	1.483	138.0	27.3	13.1	17.3
2008 07 03	19 31.62	+12 29.1	0.492	1.441	143.1	25.1	12.3	16.9
2008 07 13	19 38.11	+08 56.3	0.433	1.406	149.2	21.7	11.6	16.5
2008 07 23	19 45.88	+03 05.2	0.388	1.379	156.1	17.4	11.0	16.1
2008 08 02	19 56.16	−05 02.0	0.360	1.362	161.8	13.5	10.6	15.7
2008 08 12	20 10.23	−14 31.0	0.355	1.354	161.2	13.9	10.5	15.7
2008 08 22	20 28.73	−23 41.0	0.372	1.356	154.2	18.9	10.6	16.0
2008 09 01	20 51.14	−31 02.1	0.410	1.368	145.6	24.6	11.0	16.4
2008 09 11	21 16.24	−35 55.9	0.467	1.389	138.0	29.0	11.6	16.8
2008 09 21	21 42.25	−38 31.5	0.537	1.419	131.7	31.9	12.2	17.3
2008 10 01	22 07.63	−39 16.3	0.619	1.457	126.4	33.6	13.0	17.7
2008 10 11	22 31.62	−38 39.2	0.712	1.501	121.9	34.3	13.8	18.1
2008 10 21	22 53.93	−37 04.8	0.814	1.552	117.8	34.5	14.7	18.4
2008 10 31	23 14.63	−34 51.7	0.925	1.608	113.9	34.4	15.6	18.8
2008 11 10	23 34.04	−32 13.4	1.045	1.668	110.0	33.9	16.5	19.1
2008 11 20	23 52.42	−29 20.3	1.175	1.731	106.0	33.3	17.4	19.4
2008 11 30	00 10.03	−26 19.4	1.313	1.797	101.8	32.5	18.3	19.7
2008 12 10	00 27.11	−23 16.1	1.460	1.864	97.5	31.6	19.1	20.0
2008 12 20	00 43.79	−20 14.5	1.614	1.934	93.0	30.5	20.0	20.3
2008 12 30	01 00.20	−17 16.9	1.774	2.004	88.4	29.4		20.5
2009 01 09	01 16.43	−14 25.5	1.940	2.075	83.6	28.1		20.8
2009 01 19	01 32.53	−11 41.6	2.111	2.146	78.6	26.7		21.0
2009 01 29	01 48.56	−09 06.2	2.283	2.217	73.6	25.2		21.2
2009 02 08	02 04.53	−06 39.9	2.458	2.288	68.5	23.6		21.4
2009 02 18	02 20.46	−04 23.3	2.631	2.359	63.3	22.0		21.5
2009 02 28	02 36.35	−02 16.4	2.803	2.430	58.1	20.3		21.7
2009 03 10	02 52.22	−00 19.6	2.971	2.500	52.9	18.5		21.8
2009 03 20	03 08.02	+01 27.1	3.134	2.569	47.6	16.6		21.9
2009 03 30	03 23.77	+03 03.8	3.289	2.638	42.3	14.8		22.0
2009 04 09	03 39.42	+04 30.3	3.437	2.706	37.1	12.9		22.1
2009 04 19	03 54.96	+05 47.0	3.575	2.774	31.9	11.0		22.2

C/2006 K4 (NEAT)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 06	17 19.14	−62 13.1	3.878	3.189	40.2	11.5	14.0		
2007 12 16	17 29.90	−63 43.7	3.877	3.193	40.5	11.5	14.0		
2007 12 26	17 42.01	−65 28.7	3.855	3.199	42.5	12.0	14.0		
2008 01 05	17 55.62	−67 29.0	3.814	3.208	45.9	12.7	14.0		
2008 01 15	18 11.05	−69 45.8	3.756	3.220	50.4	13.6	14.0		
2008 01 25	18 28.95	−72 20.3	3.685	3.235	55.7	14.6	13.9		
2008 02 04	18 50.84	−75 13.1	3.605	3.252	61.5	15.4	13.9		
2008 02 14	19 20.29	−78 23.7	3.521	3.272	67.5	16.2	13.9		
2008 02 24	20 07.59	−81 47.2	3.437	3.295	73.5	16.7	13.9		
2008 03 05	21 51.33	−84 58.3	3.360	3.321	79.2	17.1	13.8		
2008 03 15	01 50.79	−85 51.6	3.296	3.348	84.4	17.2	13.8		
2008 03 25	04 37.58	−82 49.0	3.249	3.378	88.8	17.2	13.8		
2008 04 04	05 43.60	−78 22.8	3.224	3.411	92.1	17.0	13.9		
2008 04 14	06 19.68	−73 35.0	3.224	3.446	94.2	16.9	13.9		
2008 04 24	06 44.73	−68 44.4	3.252	3.482	94.8	16.7	14.0		
2008 05 04	07 04.61	−64 02.2	3.306	3.521	93.9	16.6	14.1		
2008 05 14	07 21.61	−59 36.8	3.384	3.562	91.8	16.5	14.2		
2008 05 24	07 36.77	−55 34.3	3.484	3.605	88.6	16.3	14.3		

Elements MPC 59875

M.P.C. 61022

2008 06 03	07 50.64	-51 58.0	3.601	3.649	84.6	16.1	14.4		
2008 06 13	08 03.53	-48 49.7	3.731	3.695	80.1	15.7	14.5		
2008 06 23	08 15.59	-46 09.3	3.868	3.742	75.4	15.2	14.7		
2008 07 03	08 26.94	-43 55.8	4.007	3.791	70.5	14.6	14.8		
2008 07 13	08 37.63	-42 07.5	4.145	3.842	65.8	14.0	14.9		
2008 07 23	08 47.67	-40 42.3	4.277	3.894	61.4	13.2	15.1		
2008 08 02	08 57.08	-39 38.0	4.400	3.947	57.4	12.5	15.2		
2008 08 12	09 05.82	-38 52.7	4.510	4.001	54.1	11.8	15.3		
2008 08 22	09 13.85	-38 24.1	4.606	4.056	51.6	11.3	15.4		
2008 09 01	09 21.13	-38 10.4	4.686	4.112	50.1	10.9	15.5		
2008 09 11	09 27.56	-38 10.0	4.748	4.170	49.8	10.6	15.6		
2008 09 21	09 33.06	-38 20.9	4.792	4.228	50.7	10.6	15.7		
2008 10 01	09 37.51	-38 41.5	4.817	4.287	52.8	10.7	15.7		
2008 10 11	09 40.76	-39 10.1	4.824	4.347	56.1	11.0	15.8		
2008 10 21	09 42.66	-39 44.6	4.813	4.407	60.4	11.3	15.9		
2008 10 31	09 43.03	-40 22.9	4.787	4.468	65.5	11.7	15.9		
2008 11 10	09 41.69	-41 02.4	4.748	4.530	71.4	12.0	15.9		
2008 11 20	09 38.46	-41 40.0	4.699	4.592	77.8	12.1	16.0		
2008 11 30	09 33.23	-42 12.0	4.643	4.655	84.6	12.2	16.0		
2008 12 10	09 25.94	-42 34.2	4.585	4.719	91.7	12.0	16.0		
2008 12 20	09 16.69	-42 41.8	4.531	4.783	98.9	11.7	16.1		
2008 12 30	09 05.74	-42 30.5	4.484	4.847	105.9	11.2	16.1		
2009 01 09	08 53.57	-41 56.1	4.451	4.912	112.5	10.7	16.2		
2009 01 19	08 40.82	-40 56.3	4.437	4.977	118.1	10.0	16.2		
2009 01 29	08 28.20	-39 30.9	4.446	5.042	122.3	9.5	16.3		
2009 02 08	08 16.42	-37 42.1	4.482	5.108	124.7	9.1	16.3		
2009 02 18	08 06.03	-35 34.3	4.545	5.174	124.9	9.0	16.4		
2009 02 28	07 57.40	-33 13.3	4.637	5.241	122.9	9.1	16.5		
2009 03 10	07 50.70	-30 45.5	4.756	5.307	118.9	9.4	16.6		
2009 03 20	07 45.92	-28 17.0	4.899	5.374	113.5	9.8	16.8		
2009 03 30	07 42.96	-25 52.6	5.063	5.441	107.1	10.1	16.9		
2009 04 09	07 41.65	-23 36.3	5.244	5.508	100.1	10.3	17.0		
2009 04 19	07 41.76	-21 30.5	5.437	5.575	92.7	10.4	17.1		
2009 04 29	07 43.10	-19 36.8	5.636	5.642	85.2	10.2	17.3		
2009 05 09	07 45.45	-17 55.9	5.839	5.710	77.7	9.9	17.4		
2009 05 19	07 48.63	-16 27.8	6.039	5.777	70.3	9.5	17.5		
2009 05 29	07 52.48	-15 12.3	6.234	5.845	63.1	8.9	17.6		
2009 06 08	07 56.83	-14 08.6	6.419	5.913	56.1	8.2	17.8		
2009 06 18	08 01.55	-13 16.1	6.591	5.981	49.4	7.4	17.9		
2009 06 28	08 06.52	-12 34.0	6.749	6.049	43.3	6.6	18.0		
2009 07 08	08 11.62	-12 01.5	6.888	6.117	37.8	5.8	18.1		
2009 07 18	08 16.75	-11 37.5	7.008	6.185	33.4	5.2	18.1		
2009 07 28	08 21.82	-11 21.4	7.107	6.253	30.4	4.7	18.2		

28P/Neujmin

Elements MPC 34424									
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 06		09 45.92	+21 29.9	10.043	10.447	111.7	5.0		22.5
2007 12 16		09 44.73	+21 41.0	9.917	10.472	122.0	4.6		22.5
2007 12 26		09 42.88	+21 54.5	9.807	10.497	132.5	4.0		22.4
2008 01 05		09 40.43	+22 09.9	9.719	10.522	143.1	3.2		22.4
2008 01 15		09 37.46	+22 26.4	9.656	10.547	153.7	2.4		22.3
2008 01 25		09 34.11	+22 43.1	9.622	10.571	163.8	1.5		22.2
2008 02 04		09 30.51	+22 59.0	9.619	10.595	171.6	0.8		22.2

2007 OCT. 26

2008 02 14	09 26.83	+23 13.4	9.648	10.619	169.0	1.0	22.2
2008 02 24	09 23.24	+23 25.5	9.709	10.643	159.8	1.8	22.3
2008 03 05	09 19.90	+23 34.8	9.800	10.666	149.5	2.7	22.4
2008 03 15	09 16.96	+23 41.0	9.918	10.690	139.1	3.5	22.5
2008 03 25	09 14.52	+23 43.8	10.059	10.713	128.9	4.2	22.5

88P/Howell

Elements MPC 56805									
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 06		09 58.77	+17 19.6	4.086	4.482	107.5	12.1		22.5
2007 12 16		09 58.57	+17 33.1	3.914	4.458	117.8	11.3		22.4
2007 12 26		09 56.71	+17 55.1	3.755	4.433	128.4	10.0		22.3
2008 01 05		09 53.18	+18 24.9	3.613	4.407	139.5	8.3		22.1
2008 01 15		09 48.03	+19 01.2	3.496	4.381	150.8	6.3		21.9
2008 01 25		09 41.50	+19 41.5	3.406	4.354	162.3	3.9		21.7
2008 02 04		09 33.94	+20 22.8	3.346	4.325	172.6	1.7		21.5
2008 02 14		09 25.87	+21 01.8	3.319	4.297	170.7	2.1		21.5
2008 02 24		09 17.90	+21 35.6	3.324	4.267	159.8	4.6		21.7
2008 03 05		09 10.59	+22 01.9	3.360	4.236	148.4	7.1		21.8
2008 03 15		09 04.46	+22 19.6	3.422	4.205	137.1	9.3		21.9
2008 03 25		08 59.88	+22 28.3	3.506	4.173	126.2	11.1		22.0
2008 04 04		08 57.05	+22 28.5	3.606	4.140	115.8	12.6		22.1
2008 04 14		08 56.04	+22 20.9	3.718	4.106	105.8	13.6		22.2
2008 04 24		08 56.80	+22 06.2	3.837	4.072	96.3	14.2		22.3
2008 05 04		08 59.22	+21 45.2	3.957	4.036	87.3	14.5		22.3
2008 05 14		09 03.15	+21 18.5	4.075	4.000	78.6	14.3		22.4
2008 05 24		09 08.41	+20 46.6	4.187	3.962	70.3	13.9		22.4
2008 06 03		09 14.82	+20 09.9	4.290	3.924	62.4	13.2		22.4
2008 06 13		09 22.24	+19 28.6	4.383	3.885	54.7	12.3		22.4
2008 06 23		09 30.50	+18 43.0	4.462	3.846	47.3	11.2		22.4
2008 07 03		09 39.49	+17 53.4	4.526	3.805	40.1	9.9		22.3
2008 07 13		09 49.10	+16 59.9	4.574	3.763	33.0	8.5		22.3

P/2007 S1 (Zhao)

Elements MPC 60927									
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 16		00 35.91	-03 22.3	2.078	2.495	103.3	22.6	18.6	
2007 12 26		00 44.26	-02 12.1	2.202	2.497	95.6	23.1	18.7	
2008 01 05		00 54.25	-00 52.5	2.330	2.501	88.3	23.1	18.8	
2008 01 15		01 05.66	+00 34.4	2.459	2.507	81.3	22.8	18.9	
2008 01 25		01 18.28	+02 06.4	2.588	2.514	74.7	22.2	19.1	
2008 02 04		01 31.91	+03 41.7	2.715	2.523	68.3	21.3	19.2	
2008 02 14		01 46.43	+05 18.4	2.838	2.533	62.2	20.2	19.3	
2008 02 24		02 01.69	+06 55.0	2.958	2.545	56.3	18.9	19.4	
2008 03 05		02 17.60	+08 30.0	3.072	2.558	50.5	17.4	19.5	
2008 03 15		02 34.06	+10 02.2	3.179	2.572	44.9	15.8	19.6	
2008 03 25		02 51.00	+11 30.2	3.280	2.588	39.4	14.2	19.7	
2008 04 04		03 08.34	+12 53.1	3.374	2.606	34.0	12.4	19.8	

P/2002 LZ₁₁ (LINEAR)

Elements MPC 59599									
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 16		13 26.89	-15 47.4	4.927	4.480	57.8	10.7	21.0	22.4
2007 12 26		13 33.78	-16 29.8	4.767	4.460	66.1	11.6	20.9	22.3
2008 01 05		13 39.85	-17 07.8	4.598	4.440	74.6	12.3	20.8	22.3
2008 01 15		13 44.95	-17 40.7	4.422	4.419	83.4	12.8	20.7	22.2
2008 01 25		13 48.90	-18 07.4	4.243	4.398	92.5	12.9	20.6	22.1

2008 02 04	13 51.56	-18 27.1	4.065	4.376	101.9	12.7	20.5	22.0
2008 02 14	13 52.76	-18 38.7	3.893	4.354	111.6	12.2	20.3	21.9
2008 02 24	13 52.42	-18 41.2	3.729	4.332	121.7	11.2	20.2	21.7
2008 03 05	13 50.51	-18 33.6	3.581	4.309	132.1	9.8	20.1	21.6
2008 03 15	13 47.06	-18 15.4	3.451	4.285	142.8	8.1	20.0	21.4
2008 03 25	13 42.28	-17 46.4	3.345	4.262	153.7	6.0	19.9	21.2
2008 04 04	13 36.48	-17 07.3	3.265	4.238	164.5	3.6	19.8	21.0
2008 04 14	13 30.08	-16 20.0	3.216	4.213	173.1	1.6	19.8	20.9
2008 04 24	13 23.60	-15 27.2	3.196	4.188	169.1	2.6	19.7	20.9
2008 05 04	13 17.55	-14 32.3	3.207	4.163	158.8	5.0	19.7	21.0
2008 05 14	13 12.39	-13 39.1	3.245	4.137	148.0	7.4	19.7	21.2
2008 05 24	13 08.47	-12 50.8	3.309	4.111	137.3	9.6	19.7	21.3
2008 06 03	13 06.00	-12 10.1	3.392	4.084	127.0	11.4	19.8	21.4
2008 06 13	13 05.11	-11 38.7	3.492	4.058	117.1	12.9	19.8	21.5
2008 06 23	13 05.80	-11 17.4	3.604	4.030	107.6	13.9	19.8	21.6
2008 07 03	13 08.01	-11 06.3	3.723	4.003	98.6	14.5	19.9	21.7
2008 07 13	13 11.65	-11 05.1	3.845	3.975	89.9	14.8	19.9	21.7
2008 07 23	13 16.60	-11 13.0	3.966	3.946	81.5	14.8	20.0	21.8
2008 08 02	13 22.74	-11 29.0	4.084	3.917	73.5	14.4	20.0	21.8
2008 08 12	13 29.95	-11 52.1	4.195	3.888	65.7	13.7	20.0	21.9
2008 08 22	13 38.11	-12 21.2	4.297	3.859	58.1	12.9	20.0	21.9
2008 09 01	13 47.15	-12 55.2	4.388	3.829	50.7	11.8	20.0	21.8
2008 09 11	13 56.96	-13 33.1	4.466	3.799	43.4	10.5	20.0	21.8
2008 09 21	14 07.46	-14 13.8	4.530	3.768	36.3	9.1	20.0	21.8

186P/Garradd				Elements MPC 59045					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 16		15 27.83	−43 37.4	5.069	4.272	32.6	7.1	17.3	
2007 12 26		15 42.29	−44 39.5	5.005	4.270	37.8	8.1	17.3	
2008 01 05		15 56.56	−45 41.3	4.927	4.269	43.6	9.1	17.3	
2008 01 15		16 10.50	−46 42.7	4.836	4.268	49.8	10.1	17.2	
2008 01 25		16 23.94	−47 43.7	4.733	4.266	56.3	11.1	17.2	
2008 02 04		16 36.71	−48 44.6	4.621	4.265	63.0	11.9	17.1	
2008 02 14		16 48.59	−49 45.5	4.500	4.265	70.0	12.6	17.1	
2008 02 24		16 59.35	−50 46.7	4.374	4.264	77.2	13.1	17.0	
2008 03 05		17 08.74	−51 48.2	4.244	4.264	84.5	13.4	16.9	
2008 03 15		17 16.47	−52 50.1	4.113	4.264	91.9	13.5	16.9	
2008 03 25		17 22.25	−53 51.7	3.984	4.263	99.5	13.3	16.8	
2008 04 04		17 25.78	−54 52.1	3.860	4.264	107.1	13.0	16.7	
2008 04 14		17 26.79	−55 49.6	3.745	4.264	114.8	12.3	16.7	
2008 04 24		17 25.10	−56 41.5	3.642	4.265	122.3	11.5	16.6	
2008 05 04		17 20.69	−57 24.6	3.553	4.265	129.4	10.5	16.6	
2008 05 14		17 13.77	−57 55.0	3.482	4.266	135.9	9.5	16.5	
2008 05 24		17 04.90	−58 09.0	3.432	4.267	141.0	8.6	16.5	
2008 06 03		16 54.89	−58 04.2	3.405	4.269	144.2	8.0	16.5	
2008 06 13		16 44.78	−57 39.5	3.401	4.270	144.7	7.9	16.5	
2008 06 23		16 35.61	−56 56.5	3.420	4.272	142.5	8.3	16.5	
2008 07 03		16 28.19	−55 58.5	3.463	4.274	138.1	9.1	16.5	
2008 07 13		16 23.07	−54 49.9	3.528	4.276	132.1	10.2	16.5	
2008 07 23		16 20.48	−53 35.5	3.612	4.278	125.2	11.2	16.6	
2008 08 02		16 20.42	−52 19.4	3.713	4.281	117.8	12.1	16.7	
2008 08 12		16 22.74	−51 04.9	3.827	4.283	110.2	12.8	16.7	
2008 08 22		16 27.20	−49 54.0	3.952	4.286	102.5	13.3	16.8	

2008 09 01	16 33.55	-48 48.1	4.084	4.289	94.9	13.6	16.9
2008 09 11	16 41.55	-47 47.5	4.220	4.292	87.3	13.5	17.0
2008 09 21	16 50.94	-46 52.1	4.357	4.296	79.9	13.3	17.0
2008 10 01	17 01.53	-46 01.5	4.492	4.299	72.5	12.8	17.1
2008 10 11	17 13.11	-45 14.8	4.623	4.303	65.3	12.2	17.2
2008 10 21	17 25.52	-44 31.3	4.747	4.307	58.2	11.3	17.2
2008 10 31	17 38.60	-43 50.1	4.862	4.311	51.2	10.3	17.3
2008 11 10	17 52.19	-43 10.4	4.966	4.315	44.4	9.2	17.3
2008 11 20	18 06.17	-42 31.5	5.057	4.320	37.8	8.1	17.4
2008 11 30	18 20.40	-41 52.8	5.134	4.324	31.5	6.8	17.4

C/2006 V1 (Catalina)				Elements MPC 59319					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2007 12 16		15 37.09	−43 09.0	3.479	2.683	30.9	10.9	15.0	
2007 12 26		16 03.66	−44 50.9	3.446	2.693	34.4	11.9	15.0	
2008 01 05		16 30.89	−46 18.5	3.410	2.706	38.2	13.0	15.0	
2008 01 15		16 58.47	−47 31.1	3.371	2.724	42.3	14.1	15.0	
2008 01 25		17 26.04	−48 28.5	3.329	2.746	46.5	15.1	15.0	
2008 02 04		17 53.20	−49 11.2	3.284	2.771	51.0	16.0	15.0	
2008 02 14		18 19.54	−49 40.6	3.235	2.800	55.7	16.9	15.0	
2008 02 24		18 44.66	−49 58.9	3.184	2.832	60.6	17.7	15.0	
2008 03 05		19 08.21	−50 08.4	3.129	2.868	65.8	18.4	15.1	
2008 03 15		19 29.87	−50 12.0	3.070	2.906	71.2	18.9	15.1	
2008 03 25		19 49.39	−50 12.6	3.009	2.948	76.9	19.2	15.1	
2008 04 04		20 06.54	−50 12.7	2.946	2.992	82.9	19.4	15.1	
2008 04 14		20 21.12	−50 14.8	2.882	3.039	89.2	19.3	15.1	
2008 04 24		20 32.92	−50 20.6	2.819	3.088	95.9	18.9	15.1	
2008 05 04		20 41.77	−50 31.0	2.758	3.140	102.8	18.3	15.2	
2008 05 14		20 47.45	−50 45.8	2.702	3.193	110.1	17.3	15.2	
2008 05 24		20 49.83	−51 03.7	2.653	3.249	117.6	16.0	15.2	
2008 06 03		20 48.86	−51 21.7	2.615	3.306	125.2	14.5	15.3	
2008 06 13		20 44.63	−51 35.6	2.592	3.365	132.8	12.8	15.3	
2008 06 23		20 37.54	−51 40.4	2.586	3.425	139.8	11.0	15.4	
2008 07 03		20 28.29	−51 31.1	2.600	3.487	145.7	9.5	15.5	
2008 07 13		20 17.85	−51 03.9	2.638	3.550	149.3	8.4	15.6	
2008 07 23		20 07.36	−50 17.4	2.701	3.615	149.8	8.1	15.7	
2008 08 02		19 57.84	−49 13.0	2.788	3.680	146.8	8.7	15.9	
2008 08 12		19 50.11	−47 53.9	2.901	3.746	141.4	9.7	16.0	
2008 08 22		19 44.63	−46 24.7	3.037	3.814	134.4	10.9	16.2	
2008 09 01		19 41.52	−44 49.6	3.194	3.882	126.7	12.0	16.4	
2008 09 11		19 40.74	−43 12.3	3.368	3.950	118.6	12.9	16.6	
2008 09 21		19 42.07	−41 35.5	3.558	4.020	110.4	13.5	16.8	
2008 10 01		19 45.25	−40 00.9	3.759	4.090	102.2	13.8	17.0	
2008 10 11		19 50.00	−38 29.2	3.968	4.161	94.1	13.8	17.2	
2008 10 21		19 56.04	−37 00.7	4.182	4.232	86.1	13.6	17.4	
2008 10 31		20 03.14	−35 35.4	4.397	4.303	78.1	13.0	17.6	
2008 11 10		20 11.08	−34 13.0	4.610	4.375	70.2	12.3	17.7	
2008 11 20		20 19.66	−32 53.1	4.817	4.447	62.4	11.4	17.9	
2008 11 30		20 28.73	−31 35.3	5.018	4.520	54.7	10.3	18.1	
2008 12 10		20 38.15	−30 19.4	5.207	4.592	47.0	9.0	18.2	
2008 12 20		20 47.76	−29 05.2	5.384	4.665	39.4	7.7	18.3	
2008 12 30		20 57.48	−27 52.4	5.545	4.739	31.9	6.3	18.5	

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
1999 JV ₃₉	2007 10 12.0	01 07.09 +01 36.4	19.5	-1.05	- 3.3	2.1/10.5	26556	
2005 EW ₈₁	2007 10 12.0	01 07.12 +00 42.5	20.1	-0.79	- 8.3	2.3/09.8	26733	
2005 EA ₂₁₂	2007 10 12.0	01 07.13 +00 52.1	19.3	-0.96	- 4.7	2.6/10.1	26737	
2003 UQ ₂₂	2007 10 12.0	01 07.16 -02 16.0	19.0	-0.88	- 3.8	4.1/09.2	26678	
2002 RG ₁₄₃	2007 10 12.0	01 07.17 +08 14.8	18.7	-0.80	- 5.6	0.4/12.4	26636	
2005 GX ₉₃	2007 10 12.0	01 07.24 +13 08.7	19.9	-0.70	- 6.8	1.7/14.1	26743	
2002 EL ₃₉	2007 10 12.0	01 07.26 +09 26.0	20.5	-0.97	- 5.5	0.8/12.7	24351	
2007 RB ₉₈	2007 10 12.0	01 07.26 +01 59.0	19.3	-0.98	- 2.5	1.9/10.6	26407	
2004 VB ₄₀	2007 10 12.0	01 07.27 +01 12.0	19.2	-0.95	- 4.0	3.1/10.3	26716	
2003 UV ₆₂	2007 10 12.0	01 07.29 -11 43.6	18.4	-0.96	+ 2.0	9.2/07.4	57997	
2006 GP ₁₃	2007 10 12.0	01 07.32 +01 26.6	20.3	-0.95	- 5.3	2.0/10.3	01568	
2007 TP ₂₃	2007 10 12.0	01 07.33 +02 15.5	19.4	-0.77	- 5.3	1.7/10.5	26528	
2006 GX ₃₈	2007 10 12.0	01 07.34 +06 07.2	20.4	-0.93	- 6.5	0.4/11.7	26759	
2003 US ₁₀	2007 10 12.0	01 07.35 +03 20.4	18.3	-1.16	+ 2.5	1.6/11.2	26678	
1998 XX ₂₂	2007 10 12.0	01 07.36 -01 01.6	19.5	-0.87	- 3.5	2.9/09.6	26555	
2007 RV ₂₃₅	2007 10 12.0	01 07.42 +10 55.5	18.7	-0.88	- 4.7	1.7/13.2	26484	
2002 WF ₄	2007 10 12.0	01 07.43 +14 10.3	18.7	-0.71	- 7.9	2.5/14.6	25896	
2002 AQ ₁₄₂	2007 10 12.0	01 07.43 -02 16.5	19.9	-0.94	- 6.5	3.3/09.1	02065	
2005 EW ₆₆	2007 10 12.0	01 07.45 +08 03.3	20.4	-0.94	- 5.1	0.4/12.3	26732	
2000 YR ₅₆	2007 10 12.0	01 07.45 +02 42.8	19.5	-0.95	- 5.3	1.8/10.7	26584	
2007 RW ₁₄₁	2007 10 12.0	01 07.49 +04 47.6	18.5	-0.75	- 6.8	1.0/11.3	26438	
2006 HK ₁₀₆	2007 10 12.0	01 07.50 -12 27.7	20.0	-1.00	+ 0.9	8.1/07.2	01721	
1994 WG ₇	2007 10 12.0	01 07.51 +04 54.9	19.4	-0.77	- 8.8	0.8/11.3	26549	
2002 NN ₄₅	2007 10 12.0	01 07.52 -35 09.2	19.6	-0.91	- 3.2	13.1/27.0	26625	
2003 UX ₁₉₂	2007 10 12.0	01 07.53 +10 08.4	19.3	-0.87	- 8.2	1.1/13.1	26684	
2007 RG ₅₈	2007 10 12.1	01 07.45 +05 09.5	18.6	-0.75	- 6.9	0.8/11.4	26388	
2002 BY ₁₃	2007 10 12.1	01 07.50 +12 34.0	18.8	-0.98	- 5.8	2.5/13.8	26608	
2001 QZ ₁₈₇	2007 10 12.1	01 07.50 +27 10.3	19.5	-0.80	- 4.5	5.8/19.0	02038	
2005 GQ ₁₈₄	2007 10 12.1	01 07.51 +05 09.6	21.1	-0.87	- 4.4	0.6/11.5	86718	
2005 EV ₉₆	2007 10 12.1	01 07.51 +18 46.4	20.6	-0.86	- 5.7	3.4/15.9	26733	
2002 RR ₂₄₆	2007 10 12.1	01 07.53 -07 11.3	19.0	-0.77	- 8.5	4.9/06.9	25877	
2007 SR ₇	2007 10 12.1	01 07.54 +02 34.7	19.6	-0.84	- 6.3	1.6/10.6	26507	
2004 BJ ₈₀	2007 10 12.1	01 07.55 +32 29.5	20.6	-0.83	- 3.1	5.9/20.7	08873	
1999 VV ₂₁	2007 10 12.1	01 07.63 +11 46.0	18.3	-0.80	- 7.6	1.9/13.7	26560	
2007 TM ₁₅₃	2007 10 12.1	01 07.64 +10 47.8	18.4	-0.86	- 5.1	1.7/13.3	26544	
2002 JN ₁₀₂	2007 10 12.1	01 07.64 -11 21.9	19.6	-0.98	- 1.8	6.5/07.0	26622	
2001 HS ₈	2007 10 12.1	01 07.65 +16 47.6	20.8	-0.78	- 8.2	2.3/15.6	04149	
2006 FU ₄₂	2007 10 12.1	01 07.68 +04 29.5	21.2	-0.82	- 9.3	0.9/11.2	26147	
1999 EL ₁₄	2007 10 12.1	01 07.68 +07 08.3	20.0	-0.77	- 4.3	0.0/12.1	25791	
2007 RF ₅₈	2007 10 12.1	01 07.70 +01 00.8	18.5	-0.70	-12.3	2.3/09.8	26388	
2005 AT ₇	2007 10 12.1	01 07.72 +05 38.1	19.8	-0.98	- 4.8	0.6/11.7	24451	
2001 YA ₁₅₈	2007 10 12.1	01 07.73 +00 50.4	21.0	-1.03	- 4.8	2.4/10.3	24341	
2005 EG ₁₈₇	2007 10 12.1	01 07.74 +06 18.8	21.3	-0.79	- 7.3	0.3/11.9	77843	
2002 ET ₅₀	2007 10 12.1	01 07.76 +07 57.6	19.9	-0.95	- 5.5	0.3/12.4	26614	
2004 BV ₉	2007 10 12.1	01 07.76 +10 50.9	20.1	-0.75	- 3.9	0.9/13.3	77767	
2003 UG ₁₈₈	2007 10 12.1	01 07.87 +02 07.4	18.0	-1.06	+ 1.2	2.2/11.0	26684	
1999 XN ₅₁	2007 10 12.1	01 07.87 -00 03.1	19.0	-0.95	- 3.6	3.0/10.1	26563	
2003 YH ₉₄	2007 10 12.2	01 07.84 +33 01.0	19.5	-0.85	- 3.1	6.5/20.9	11013	
2003 QM ₃₁	2007 10 12.2	01 07.84 +13 25.6	18.0	-0.89	- 3.2	3.1/14.1	26662	
2005 CR	2007 10 12.2	01 07.95 +09 05.5	20.2	-0.92	- 6.7	0.6/12.8	24455	
2002 RD ₇₄	2007 10 12.2	01 07.96 +01 01.5	20.1	-0.80	- 6.0	2.0/10.2	26635	
2003 WQ ₂₂	2007 10 12.2	01 07.99 +38 41.0	19.3	-0.75	- 7.0	14.3/25.6	26690	
2002 XW ₈₇	2007 10 12.2	01 07.99 +19 11.2	18.3	-0.89	- 2.0	4.0/15.7	26654	
2007 PQ ₂₆	2007 10 12.2	01 08.00 +23 33.7	17.3	-1.14	- 0.4	7.3/17.0	26779	
2003 XA ₂₃	2007 10 12.2	01 08.01 +25 01.5	20.8	-0.86	- 7.0	5.4/18.5	69599	
2003 WB ₁₈₉	2007 10 12.2	01 08.05 -12 35.3	18.1	-0.55	-11.9	8.9/03.8	26696	
2002 EP ₁₂₇	2007 10 12.2	01 08.05 +06 27.6	20.8	-0.97	- 5.3	0.3/12.0	24353	
2000 SS ₇₉	2007 10 12.2	01 08.06 +08 11.4	18.1	-1.08	+ 0.7	0.5/12.5	26576	
2006 HK ₁₅₂	2007 10 12.2	01 08.10 -00 41.9	19.6	-0.85	- 5.9	3.2/09.7	26764	
2003 UC ₂₄₄	2007 10 12.2	01 08.10 +18 27.3	19.7	-0.83	- 7.7	3.9/16.1	25949	
2005 GJ ₆₀	2007 10 12.2	01 08.11 +12 15.1	20.0	-0.69	- 7.7	1.3/14.0	26046	
2005 AX ₃₆	2007 10 12.2	01 08.11 +15 22.2	19.6	-0.96	- 6.8	3.4/14.8	26018	
1999 AF ₁₈	2007 10 12.2	01 08.13 +15 01.0	20.3	-1.05	- 5.8	3.1/14.6	26555	
2003 ST ₁₇₆	2007 10 12.2	01 08.14 +09 10.3	19.6	-0.99	- 4.2	0.8/12.8	26671	
2003 WL ₄₆	2007 10 12.2	01 08.15 +08 26.5	19.4	-0.75	- 6.7	0.6/12.7	26691	
2005 LB ₅	2007 10 12.2	01 08.16 -09 21.8	19.8	-0.78	- 3.6	5.0/07.0	26748	
1999 XK ₂₇	2007 10 12.2	01 08.17 +05 34.2	19.7	-0.94	- 6.3	0.6/11.8	26563	
2006 GD ₃₂	2007 10 12.2	01 08.18 +03 28.2	19.5	-1.06	- 3.1	1.5/11.3	26758	
2001 FC ₆	2007 10 12.2	01 08.20 -05 10.4	19.3	-0.82	- 9.2	4.3/07.9	77518	
2002 CE ₇₁	2007 10 12.2	01 08.21 +08 53.0	20.2	-1.00	- 5.2	0.6/12.8	24345	
2004 BY ₁₁₀	2007 10 12.2	01 08.23 +50 40.6	18.4	-1.13	- 0.4	16.6/30.6	08880	
2003 AH ₅	2007 10 12.2	01 08.25 +08 18.3	19.3	-0.78	- 4.9	0.4/12.6	26655	
2004 XO ₁	2007 10 12.2	01 08.26 +12 02.0	18.6	-1.13	+ 0.3	2.5/13.4	26717	
2006 GD ₂₆	2007 10 12.2	01 08.28 +01 09.8	19.5	-1.09	- 0.6	3.0/10.8	26150	
2003 YT ₁₅₆	2007 10 12.3	01 08.19 +06 14.8	19.4	-0.79	- 7.4	0.3/12.0	26702	
2006 HE ₆₁	2007 10 12.3	01 08.21 +25 00.2	19.3	-0.89	- 5.8	5.9/18.6	26762	
2007 RS ₉₇	2007 10 12.3	01 08.21 +01 37.9	19.2	-0.89	- 4.4	2.6/10.6	26406	
2002 CS ₂₁₅	2007 10 12.3	01 08.25 +07 47.7	19.9	-0.98	- 5.1	0.2/12.5	26612	
1999 VK ₁₇₁	2007 10 12.3	01 08.28 -11 06.3	19.2	-1.05	+ 0.3	6.9/07.6	26562	
2007 RX ₂₃₆	2007 10 12.3	01 08.29 +19 54.2	18.4	-0.66	-11.3	4.5/17.3	26485	
2002 VC ₁₀	2007 10 12.3	01 08.29 +08 52.6	18.5	-0.92	- 1.1	0.6/12.8	26649	
2005 BC ₁₈	2007 10 12.3	01 08.30 +02 42.1	19.9	-0.99	- 4.2	1.6/11.0	26724	
2005 AB ₆₂	2007 10 12.3	01 08.30 +29 45.1	19.2	-1.08	- 2.4	7.9/19.3	26723	
2003 SV ₂₉₂	2007 10 12.3	01 08.33 +26 53.4	18.8	-0.93	- 0.6	9.8/18.4	26675	
2003 WH ₃₅	2007 10 12.3	01 08.33 +22 23.5	19.7	-0.87	- 8.5	5.5/17.6	25959	
2007 TZ ₃	2007 10 12.3	01 08.36 +13 15.9	19.8	-1.02	- 2.8	2.6/14.0	26515	
2006 HJ ₁₀₃	2007 10 12.3	01 08.38 -06 56.0	21.0	-0.80	- 7.4	4.7/07.5	26763	
2005 AY ₁₃	2007 10 12.3	01 08.39 +10 44.6	20.2	-0.95	- 5.7	1.2/13.4	26721	
1998 SH ₅₀	2007 10 12.3	01 08.39 +04 37.8	18.1	-1.03	+ 3.1	1.3/11.8	26553	
2003 RX ₁₅	2007 10 12.3	01 08.39 +15 30.8	18.9	-1.00	- 2.5	3.7/14.7	25918	
2002 TW ₂₆₁	2007 10 12.3	01 08.39 +01 39.1	19.2	-0.80	- 4.5	2.0/10.6	26645	
2005 FD ₇	2007 10 12.3	01 08.40 +00 45.2	20.1	-0.72	- 7.6	1.9/10.1	26740	
2007 RB ₂	2007 10 12.3	01 08.40 +09 10.5	18.3	-0.90	- 3.5	0.9/12.9	26783	
2003 QA ₇	2007 10 12.3	01 08.42 +08 13.2	19.5	-0.91	- 5.9	0.4/12.6	26661	
2002 PO ₁₀₇	2007 10 12.3	01 08.45 +08 08.4	18.6	-0.72	- 9.3	0.3/12.7	26628	
2004 EX ₄₅	2007 10 12.3	01 08.46 +10 17.3	19.5	-0.80	- 2.5	1.0/13.3	26711	
2000 BV ₄₀	2007 10 12.3	01 08.50 +12 23.2	19.4	-0.87	- 4.0	2.2/13.9	25798	
2002 LP ₁₈	2007 10 12.3	01 08.59 -16 48.9	19.3	-0.96	- 1.1	8.9/05.7	00276	
2003 WZ ₁₈₉	2007 10 12.3	01 08.60 +14 52.9	18.5	-1.22	+ 2.2	2.8/14.0	26696	

2005 BS ₂₅	2007 10 12.3	01 08.62 +09 55.7 19.8	-0.97 - 6.5	1.0/13.2	26021
2001 QO ₈₇	2007 10 12.3	01 08.62 +24 42.6 18.8	-0.76 - 6.2	5.6/18.5	26593
2003 UF ₈₈	2007 10 12.4	01 08.57 +07 27.3 19.2	-0.80 -10.7	0.1/12.5	26680
2002 TX ₂₆₆	2007 10 12.4	01 08.57 -12 21.3 19.0	-0.86 - 1.4	6.1/06.5	26646
2002 GY ₁₁₀	2007 10 12.4	01 08.59 +02 34.2 19.9	-0.88 - 7.5	1.7/10.9	26619
2004 EG ₁₂	2007 10 12.4	01 08.59 -02 35.7 20.6	-0.75 - 7.1	2.9/09.0	95184
2005 JM ₁₇₃	2007 10 12.4	01 08.60 +12 48.5 21.7	-0.73 - 5.7	1.5/14.3	87678
2003 NY ₁₂	2007 10 12.4	01 08.71 +16 19.9 19.3	-1.00 - 5.6	3.7/15.3	10978
2002 UL ₂₇	2007 10 12.4	01 08.74 +16 36.4 19.0	-0.76 - 7.3	2.9/15.7	26648
2005 EN ₆₈	2007 10 12.4	01 08.75 +07 43.8 20.8	-0.77 - 6.6	0.1/12.6	24461
2003 WT ₄₅	2007 10 12.4	01 08.80 -15 00.5 19.8	-0.81 - 6.7	7.9/04.4	26691
2005 EW ₁₈₃	2007 10 12.4	01 08.81 +08 45.8 20.7	-0.83 - 4.7	0.5/12.9	26737
2003 WK ₅₉	2007 10 12.4	01 08.85 -06 18.8 20.5	-0.88 - 2.9	4.2/08.4	57287
2004 XO ₆₄	2007 10 12.4	01 08.91 +01 33.1 19.9	-1.04 - 4.0	2.5/10.8	26718
2007 SV ₇	2007 10 12.4	01 08.92 +02 44.9 19.2	-0.93 - 8.2	1.7/11.0	26507
2002 RA ₁₉₇	2007 10 12.4	01 08.93 +04 17.5 18.6	-0.99 - 0.2	1.1/11.7	25875
2005 GY ₁₁₄	2007 10 12.4	01 08.93 +11 06.6 20.2	-0.70 - 7.3	1.1/13.8	26050
2002 UB ₃₂	2007 10 12.4	01 08.94 +18 07.6 19.3	-0.92 - 2.0	3.7/15.6	26648
2003 UZ ₂₃₂	2007 10 12.4	01 08.94 +04 58.9 19.6	-0.94 - 1.6	1.1/11.9	26686
2002 UO ₃₆	2007 10 12.4	01 08.95 +07 34.6 18.7	-0.80 - 4.6	0.1/12.6	26648
2000 YX ₄₄	2007 10 12.5	01 08.93 +09 52.6 19.8	-0.94 - 6.0	0.9/13.3	26584
2003 WQ ₁₅₆	2007 10 12.5	01 08.94 -41 26.5 19.1	-1.10 + 2.1	16.8/27.0	26695
1998 SB ₆₁	2007 10 12.5	01 08.97 -00 22.8 18.3	-0.65 -10.5	3.3/09.6	26554
2002 CX ₉₈	2007 10 12.5	01 09.00 +05 09.9 20.5	-1.01 - 4.5	0.8/11.9	03306
2005 EZ ₃₈	2007 10 12.5	01 09.02 +13 59.4 20.0	-1.05 - 1.5	2.3/14.3	26731
2002 VG ₂₇	2007 10 12.5	01 09.06 -04 25.6 19.1	-0.87 - 1.4	4.0/09.2	26649
2003 WW ₁₂₃	2007 10 12.5	01 09.07 +15 27.7 18.3	-0.87 - 4.4	3.4/15.1	26694
2004 DP ₇₂	2007 10 12.5	01 09.07 +05 43.3 19.2	-0.76 - 4.8	0.5/12.0	26711
2002 CX ₂₁₄	2007 10 12.5	01 09.10 +05 26.9 19.7	-0.98 - 4.9	0.7/12.0	26611
2000 WB ₆₈	2007 10 12.5	01 09.11 +16 26.6 19.3	-0.90 - 8.1	3.7/15.6	25817
2004 BK ₁₅₂	2007 10 12.5	01 09.14 +17 45.8 19.9	-0.82 - 3.8	3.2/15.8	26707
2007 RD ₁₆₂	2007 10 12.5	01 09.16 +07 55.3 19.2	-0.78 - 8.2	0.2/12.8	26451
2005 JK ₁₆₆	2007 10 12.5	01 09.18 -06 59.7 20.5	-0.71 - 5.8	3.9/07.7	77259
1999 XQ ₂₄₀	2007 10 12.5	01 09.18 -14 56.4 18.9	-1.04 - 0.5	8.9/06.1	26565
2004 XC ₁₆₅	2007 10 12.5	01 09.21 +19 04.4 20.9	-0.97 - 5.9	3.8/16.3	95632
1999 TU ₁₇₈	2007 10 12.5	01 09.21 +13 33.2 18.6	-0.74 - 7.1	3.0/14.7	26558
2002 CO ₈₈	2007 10 12.5	01 09.24 +15 13.8 19.2	-1.09 - 2.9	3.6/14.7	25843
2005 ED ₈₆	2007 10 12.5	01 09.24 +01 25.7 20.1	-0.84 - 4.3	1.9/10.8	26733
2007 RN ₁₇₅	2007 10 12.5	01 09.25 -03 24.2 19.5	-0.85 - 8.5	4.8/08.9	26458
2003 YT ₉₀	2007 10 12.5	01 09.26 +05 16.8 16.7	-0.31 -11.1	1.1/11.7	26701
2004 DO ₃₄	2007 10 12.5	01 09.28 +07 29.9 20.1	-0.78 - 4.3	0.0/12.6	26710
2002 XB ₉₀	2007 10 12.5	01 09.29 -24 13.8 18.8	-0.82 - 2.3	10.7/01.3	25902
2003 WS ₁₄₉	2007 10 12.5	01 09.30 -04 31.6 20.1	-0.87 - 4.7	3.8/08.9	76259
2002 PM ₂₄	2007 10 12.5	01 09.38 +28 47.5 19.0	-0.92 - 1.5	9.5/19.2	26627
2005 ES ₆₃	2007 10 12.6	01 09.32 +23 27.4 19.3	-0.97 - 1.8	4.9/17.4	26732
2004 DD ₆₁	2007 10 12.6	01 09.34 +14 58.3 20.2	-0.79 - 3.3	2.2/15.0	61992
2002 PC ₉₆	2007 10 12.6	01 09.40 +28 33.8 19.5	-1.06 - 1.4	7.8/19.0	26628
2002 VG ₂₈	2007 10 12.6	01 09.41 +10 40.1 19.0	-0.78 - 5.5	1.1/13.7	26649
2004 BM ₁₄₈	2007 10 12.6	01 09.41 -09 55.8 19.9	-0.75 - 3.9	5.0/07.1	26707
2005 EW ₇₉	2007 10 12.6	01 09.44 -00 02.7 19.0	-0.87 - 3.4	2.4/10.4	26732
2005 EJ ₁₃₈	2007 10 12.6	01 09.47 -07 55.4 20.4	-0.70 - 5.4	4.0/07.5	26735

2002 CP ₂₁₆	2007 10 12.6	01 09.51 +14 34.7 19.3	-1.05 - 4.0	2.8/14.7	26612
2004 BK ₁₁₃	2007 10 12.6	01 09.51 -20 30.3 20.8	-0.76 - 3.9	7.4/02.9	87610
2003 WQ ₁₁₈	2007 10 12.6	01 09.55 +22 25.9 18.7	-0.91 - 4.8	5.8/17.4	26694
2004 YS ₁₇	2007 10 12.6	01 09.64 +01 36.5 20.4	-0.92 - 5.7	2.0/10.9	26720
2005 EF ₇₄	2007 10 12.6	01 09.64 +05 49.2 20.1	-0.88 - 4.5	0.5/12.2	26732
2003 WH ₂₉	2007 10 12.6	01 09.67 +19 54.0 19.9	-0.89 - 5.8	4.4/16.7	26690
2003 WQ ₇₀	2007 10 12.6	01 09.70 +20 06.0 19.5	-0.77 -11.2	5.1/17.5	25963
2000 RV ₃₆	2007 10 12.6	01 09.81 +10 21.2 17.6	-1.84 +15.7	1.6/12.9	26575
2003 UE ₂₅₅	2007 10 12.7	01 09.68 +06 52.6 19.9	-0.87 - 6.3	0.2/12.5	26686
2005 FC ₁₀	2007 10 12.7	01 09.72 +07 38.6 19.8	-0.78 - 5.2	0.1/12.8	26740
2005 GL ₂₉	2007 10 12.7	01 09.73 +10 36.8 21.1	-0.72 - 4.0	0.8/13.7	26741
2003 YH ₂₃	2007 10 12.7	01 09.78 -15 01.6 18.6	-0.87 - 1.8	9.3/05.9	26698
2005 EE ₄₈	2007 10 12.7	01 09.80 +04 19.4 19.4	-0.83 - 6.4	1.1/11.7	26731
2000 DZ ₄₆	2007 10 12.7	01 09.81 +11 28.1 19.9	-0.84 - 4.7	1.3/14.0	26568
2003 SF ₁₅	2007 10 12.7	01 09.82 -16 36.3 18.8	-0.99 - 1.5	8.4/05.7	26666
2002 AB ₁₆₀	2007 10 12.7	01 09.83 +09 01.0 20.3	-0.95 - 6.3	0.5/13.2	24343
2007 RH ₂₆₁	2007 10 12.7	01 09.84 -09 04.9 18.3	-0.65 -21.5	6.9/05.3	26492
2000 EG ₅₁	2007 10 12.7	01 09.87 +07 50.4 19.2	-0.84 - 5.7	0.2/12.9	25800
2001 SS ₈₁	2007 10 12.7	01 09.92 +12 42.3 19.2	-0.77 - 5.0	1.7/14.5	25834
2004 XP ₂₀	2007 10 12.7	01 09.93 -02 19.4 19.0	-1.03 - 4.1	4.2/09.9	26717
2007 RE ₉₅	2007 10 12.7	01 09.93 +01 55.3 19.7	-0.84 - 5.6	2.3/11.0	26404
2002 PL ₁₂₃	2007 10 12.7	01 09.95 +16 51.8 20.3	-0.85 - 6.2	2.9/15.9	74202
2006 GX ₄₄	2007 10 12.7	01 10.00 +04 44.2 20.1	-0.90 - 8.9	1.1/11.9	26152
2003 UH ₁₉₆	2007 10 12.7	01 10.05 +11 33.4 19.7	-0.88 - 5.8	1.5/14.1	26684
2003 WO ₅₄	2007 10 12.7	01 10.06 +08 13.4 19.4	-1.01 - 0.9	0.3/13.0	25961
2003 PK ₆	2007 10 12.7	01 10.09 +21 38.5 18.0	-0.88 - 3.6	6.9/17.3	25909
2001 AV ₁₈	2007 10 12.7	01 10.09 +08 51.4 19.2	-0.94 - 7.3	0.6/13.2	26585
1993 BG ₁₀	2007 10 12.8	01 10.06 +09 11.4 19.9	-0.93 - 4.6	0.6/13.3	26548
2006 FZ ₅₂	2007 10 12.8	01 10.06 +06 29.1 21.1	-1.05 - 5.3	0.4/12.5	09544
1999 UQ ₁₄	2007 10 12.8	01 10.13 -02 44.4 19.6	-1.00 - 2.8	4.4/09.9	26559
2000 BM ₁	2007 10 12.8	01 10.13 +01 18.6 20.4	-0.83 - 5.3	2.0/10.9	26567
2000 BH ₂₂	2007 10 12.8	01 10.14 +13 26.5 18.8	-0.90 - 3.4	2.7/14.6	26567
2003 QG ₃₈	2007 10 12.8	01 10.15 +10 43.6 19.3	-0.96 - 5.5	1.4/13.8	26662
2007 RT ₉₇	2007 10 12.8	01 10.16 +03 14.5 18.8	-0.85 - 1.8	2.1/11.7	26407
2006 JY ₂₃	2007 10 12.8	01 10.17 +14 01.2 20.0	-0.93 - 7.4	2.4/15.0	26765
2007 SM ₆	2007 10 12.8	01 10.22 +08 08.4 19.4	-0.70 - 7.2	0.2/13.1	26506
2001 KE ₃₂	2007 10 12.8	01 10.26 -42 41.7 19.5	-1.32 + 4.5	22.9/27.0	26591
2005 GD ₁₁₅	2007 10 12.8	01 10.27 +11 05.7 20.2	-0.72 - 7.0	1.1/14.1	97783
2005 EY ₅₁	2007 10 12.8	01 10.28 +14 04.7 19.3	-1.24 + 2.6	2.5/14.2	26030
2003 YS ₈₀	2007 10 12.8	01 10.29 +18 38.2 19.7	-0.86 - 3.9	3.4/16.3	26700
2004 AM ₃	2007 10 12.8	01 10.30 +16 26.9 18.6	-0.95 - 2.3	3.6/15.4	26703
2002 QG ₆₀	2007 10 12.8	01 10.34 +07 41.3 19.6	-0.77 - 8.1	0.1/12.9	26631
2002 YO ₂₄	2007 10 12.8	01 10.37 +36 17.3 19.0	-0.91 - 4.2	10.1/22.6	50729
2000 SF ₃₃	2007 10 12.8	01 10.46 +01 45.8 19.3	-0.90 - 6.1	2.7/11.1	26576
2005 EP ₁₁₈	2007 10 12.9	01 10.49 +17 30.3 19.7	-0.89 - 5.5	3.2/16.1	26734
2000 YU ₂₁	2007 10 12.9	01 10.49 -10 25.5 19.6	-1.00 - 4.0	6.9/07.4	26584
2006 KD ₄	2007 10 12.9	01 10.50 -16 08.5 19.1	-0.93 - 0.9	8.8/06.3	26767
2007 TB ₁₀	2007 10 12.9	01 10.51 +05 15.0 18.9	-0.96 - 2.3	1.1/12.3	26517
1998 SD ₈₈	2007 10 12.9	01 10.54 +25 12.2 18.4	-1.11 + 0.9	7.3/17.5	26554
2002 PK ₁₇₁	2007 10 12.9	01 10.55 +06 53.7 19.5	-0.77 - 8.5	0.2/12.7	26629
2003 QL ₁₈	2007 10 12.9	01 10.57 +05 58.1 18.4	-0.82 - 6.0	0.7/12.5	26661

2007 RD ₅₈	2007 10 12.9	01 10.57 +02 00.9 19.1	-0.94 - 6.5	2.3/11.2	26388
2007 SO ₄	2007 10 12.9	01 10.59 +06 07.0 18.8	-0.81 - 8.5	0.7/12.5	26503
1999 WY ₂₅	2007 10 12.9	01 10.59 +10 44.8 20.7	-0.89 - 6.7	1.3/14.0	26563
2003 VJ ₄	2007 10 12.9	01 10.61 +13 06.3 18.9	-0.87 - 2.2	2.8/14.6	25955
2004 BQ ₂₉	2007 10 12.9	01 10.62 +01 46.0 19.5	-0.82 - 4.7	2.0/11.2	26704
2005 EM ₂₈₉	2007 10 12.9	01 10.67 -07 20.6 19.9	-0.86 - 4.5	4.7/08.3	04323
2006 GB ₃₂	2007 10 12.9	01 10.72 -05 58.2 20.1	-0.99 - 1.2	4.5/09.5	26758
2006 KQ	2007 10 12.9	01 10.73 -01 43.3 20.7	-0.90 - 4.3	2.9/10.2	04376
1999 RL ₈₁	2007 10 12.9	01 10.74 +02 10.7 19.5	-0.78 - 8.9	2.2/11.1	26556
1999 FG ₇₄	2007 10 12.9	01 10.75 +05 17.9 20.8	-0.73 - 4.7	0.6/12.3	10701
2000 AV ₂₁₅	2007 10 12.9	01 10.78 +12 25.2 18.8	-0.98 - 2.8	1.9/14.3	26566
2002 PY ₁₆₅	2007 10 12.9	01 10.78 +01 26.4 20.0	-0.81 - 5.6	2.1/11.1	26629
2006 HZ ₃	2007 10 12.9	01 10.78 +06 35.4 20.6	-0.94 - 6.5	0.3/12.7	26760
2004 EB ₄	2007 10 12.9	01 10.79 -12 07.0 20.5	-0.87 - 1.1	5.1/07.3	65585
2003 YQ ₄₁	2007 10 12.9	01 10.83 -14 36.1 21.2	-0.71 - 3.7	5.2/05.6	87601
2003 VN ₁₂	2007 10 12.9	01 10.85 +27 56.9 18.6	-1.02 - 2.4	8.5/19.4	26689
2007 RX ₉₅	2007 10 13.0	01 10.77 +03 12.2 19.9	-0.90 - 3.4	1.5/11.8	26405
2004 CK ₃₆	2007 10 13.0	01 10.77 +04 39.5 19.9	-0.80 - 2.3	0.8/12.2	26708
2000 CV ₁₄	2007 10 13.0	01 10.77 +03 29.5 20.2	-0.88 - 6.0	1.4/11.7	23815
2002 TT ₁₄₀	2007 10 13.0	01 10.78 +08 20.2 19.5	-0.83 - 4.1	0.3/13.3	25886
2007 RC ₉₆	2007 10 13.0	01 10.79 +02 49.8 20.2	-0.94 - 5.7	1.8/11.6	26406
1995 XB ₅	2007 10 13.0	01 10.81 -02 50.3 19.0	-0.83 - 4.3	4.7/09.8	26550
2003 YF ₁₁₁	2007 10 13.0	01 10.88 -02 59.0 20.0	-0.82 - 4.9	3.5/09.7	24433
2007 RZ ₃₃	2007 10 13.0	01 10.90 +15 04.3 18.6	-0.99 - 7.3	3.4/15.5	26484
2002 RA ₇₂	2007 10 13.0	01 10.95 +06 32.7 19.6	-0.81 - 5.7	0.3/12.7	25872
2006 HO ₃₉	2007 10 13.0	01 10.96 +03 30.3 20.2	-0.99 - 7.1	1.6/11.8	01655
2001 NV ₁₇	2007 10 13.0	01 10.97 +25 12.3 19.2	-0.89 - 3.0	5.9/18.6	26591
2004 PF ₁	2007 10 13.0	01 10.98 +40 29.8 19.3	-1.70 + 2.4	15.2/21.6	24443
2003 PA ₉	2007 10 13.0	01 10.98 +19 14.7 18.5	-0.99 - 4.4	5.1/16.6	26660
2005 ES ₂₂₂	2007 10 13.0	01 11.01 -17 30.2 19.6	-0.89 - 3.6	8.7/04.8	26738
2004 BL ₆₇	2007 10 13.0	01 11.03 +13 08.8 20.9	-0.76 - 4.6	1.5/14.9	19121
2003 HS ₅₇	2007 10 13.0	01 11.05 +08 43.1 20.5	-0.99 - 8.0	0.5/13.4	26658
2006 HA ₅₀	2007 10 13.0	01 11.10 +03 54.5 21.3	-0.97 - 6.6	1.3/12.0	04374
2002 GA ₁₁₆	2007 10 13.0	01 11.10 -00 14.6 19.6	-0.94 - 6.7	2.9/10.6	26619
2002 NJ ₅₈	2007 10 13.0	01 11.12 +22 24.1 19.1	-0.80 - 9.2	5.3/18.6	26625
2002 RF ₂₅₁	2007 10 13.0	01 11.20 -05 23.6 20.0	-0.77 - 7.1	4.0/08.7	94846
2004 BV ₉₀	2007 10 13.1	01 11.14 +13 45.3 19.9	-0.77 - 4.2	1.7/15.1	26706
2006 DL ₉₆	2007 10 13.1	01 11.14 +12 38.3 20.6	-1.11 - 3.6	2.0/14.5	26136
2003 UY ₂₁₇	2007 10 13.1	01 11.17 -00 21.8 18.9	-0.87 - 4.6	2.9/10.7	26685
2005 GB ₅₅	2007 10 13.1	01 11.18 +08 27.8 20.6	-0.81 - 4.4	0.3/13.4	26742
2001 RK ₅₈	2007 10 13.1	01 11.18 +02 13.5 20.0	-0.75 - 3.9	1.5/11.5	26596
2001 CW ₁₉	2007 10 13.1	01 11.25 -34 56.8 20.3	-0.97 -10.1	19.2/27.0	93918
2006 GO ₃₈	2007 10 13.1	01 11.25 -19 45.8 19.3	-1.06 + 1.6	10.1/06.6	26759
2000 VQ ₆₁	2007 10 13.1	01 11.25 -05 48.2 18.9	-0.79 - 6.7	6.5/08.7	24318
2003 XX ₁₉	2007 10 13.1	01 11.26 +26 44.3 19.1	-0.96 - 2.9	7.3/19.0	26697
2002 VP ₄₆	2007 10 13.1	01 11.28 +01 18.0 18.6	-0.76 - 4.8	2.5/11.1	26650
2005 JR ₁	2007 10 13.1	01 11.32 -00 25.9 21.3	-0.88 - 3.1	2.3/10.8	86722
2001 FT ₉₃	2007 10 13.1	01 11.33 +06 41.7 19.7	-0.99 - 1.8	0.3/12.9	26589
2002 VA ₂₈	2007 10 13.1	01 11.35 +29 45.8 18.2	-0.84 -21.4	10.4/23.2	26649
2007 RV ₉₅	2007 10 13.1	01 11.36 +04 42.3 18.9	-0.96 - 2.9	1.4/12.4	26794
2007 RG ₂₄₀	2007 10 13.1	01 11.40 +09 51.9 19.0	-0.92 - 4.6	1.1/13.8	26486

2005 EK ₂₀₄	2007 10 13.1	01 11.40 +05 26.5 20.7	-0.74 - 4.1	0.6/12.5	02247
2004 YZ ₁₄	2007 10 13.1	01 11.44 +09 42.9 20.1	-0.97 - 5.4	0.8/13.8	26720
2003 UP ₁₁₃	2007 10 13.1	01 11.48 -06 07.8 19.2	-0.98 - 1.1	5.6/09.6	26681
2005 GL ₁₀₂	2007 10 13.1	01 11.51 +04 03.4 20.6	-0.80 - 7.7	1.1/12.0	26743
2001 RK ₃₅	2007 10 13.1	01 11.54 +20 59.0 19.4	-0.84 - 3.4	4.0/17.4	77559
2000 AF ₄₄	2007 10 13.1	01 11.58 -17 33.1 20.8	-0.97 - 1.3	9.0/05.8	87366
2006 DW ₁₂₄	2007 10 13.1	01 11.59 +05 13.5 21.0	-0.82 - 3.7	0.6/12.5	04370
2001 OS ₁₁₀	2007 10 13.1	01 11.59 +21 40.2 19.8	-1.03 + 0.3	4.3/17.0	25822
2007 RG ₉₅	2007 10 13.2	01 11.56 +02 01.4 18.7	-0.85 - 6.0	2.6/11.4	26405
2000 SA ₂₂₄	2007 10 13.2	01 11.56 +07 07.0 18.8	-0.84 - 9.1	0.2/13.1	26578
2002 RV ₄₁	2007 10 13.2	01 11.57 +21 10.3 20.2	-1.03 - 2.6	4.0/17.2	00340
2006 KM ₉₃	2007 10 13.2	01 11.61 +07 58.6 19.9	-0.85 - 7.0	0.1/13.3	26769
1999 TK ₂₁	2007 10 13.2	01 11.65 +03 32.4 18.8	-1.78 +11.5	2.3/12.8	25793
1999 VE ₁₈₉	2007 10 13.2	01 11.65 +09 15.1 19.1	-0.79 - 7.2	0.7/13.8	26562
2000 SN ₂₄₀	2007 10 13.2	01 11.68 +31 11.9 18.3	-0.63 -23.5	10.1/24.6	26578
2002 SQ ₇	2007 10 13.2	01 11.73 +08 17.4 19.8	-0.79 - 5.5	0.2/13.5	26639
2005 EQ ₃₁₈	2007 10 13.2	01 11.73 -10 13.8 20.2	-0.77 - 3.9	5.1/07.6	24467
2003 WY ₁₅₈	2007 10 13.2	01 11.74 +05 34.6 19.9	-0.88 - 4.6	0.8/12.6	26696
2005 GO ₄₇	2007 10 13.2	01 11.74 +06 30.6 20.1	-0.77 - 7.5	0.3/12.9	26742
2003 UX ₁₄₄	2007 10 13.2	01 11.76 +16 35.5 18.9	-1.01 - 2.4	3.7/15.8	26682
2002 HO ₁₇	2007 10 13.2	01 11.76 -26 33.9 20.1	-1.13 + 0.9	11.5/03.9	00253
2000 SM ₂₆₁	2007 10 13.2	01 11.76 -00 51.2 18.9	-1.07 - 1.9	3.6/11.1	26578
2007 RT ₉₅	2007 10 13.2	01 11.76 +02 36.0 20.0	-0.84 - 6.2	1.8/11.7	26405
2003 UW ₁₈₈	2007 10 13.2	01 11.77 +10 11.6 18.2	-1.07 - 0.2	1.1/13.9	26684
2003 AZ ₈	2007 10 13.2	01 11.77 +05 39.6 19.5	-1.12 + 2.0	0.6/12.8	26655
2004 XJ ₁₆₃	2007 10 13.2	01 11.79 +03 16.2 19.7	-1.02 - 4.0	2.0/12.0	26719
2003 WR ₁₉₀	2007 10 13.2	01 11.79 +02 44.5 18.5	-0.67 -16.5	2.0/11.3	26696
2002 RJ ₇₆	2007 10 13.2	01 11.80 +02 11.7 19.9	-0.79 - 6.1	1.8/11.5	26635
2005 EJ ₁₈₆	2007 10 13.2	01 11.83 +12 48.5 21.0	-1.02 - 1.9	1.7/14.7	04321
2002 RC ₂₃₆	2007 10 13.2	01 11.84 -02 27.2 20.4	-0.77 - 6.5	2.9/09.9	77647
2006 GO ₂	2007 10 13.2	01 11.84 -07 43.2 20.6	-0.85 - 3.9	4.8/08.7	01562
2004 FQ ₈₃	2007 10 13.2	01 11.85 -01 15.6 19.5	-0.83 - 2.0	2.6/10.7	26712
2003 UY ₂₁₁	2007 10 13.2	01 11.86 +15 09.3 18.7	-0.74 -12.0	3.0/16.1	25946
2003 HJ ₃₅	2007 10 13.2	01 11.90 -02 24.4 17.9	-1.02 - 0.7	5.2/10.8	26658
2001 FE ₅₄	2007 10 13.2	01 11.91 -03 49.0 19.4	-1.20 + 1.5	3.6/10.7	26589
2005 BF ₂₃	2007 10 13.2	01 11.91 +09 04.2 19.9	-0.99 - 4.8	0.6/13.7	26021
2005 EV ₂₃₉	2007 10 13.2	01 11.93 +04 15.5 19.7	-0.91 - 5.2	1.3/12.3	26738
2007 TG ₂₀	2007 10 13.2	01 11.93 +09 42.5 19.2	-0.82 - 5.7	0.7/14.0	26527
2003 UY ₂₆₁	2007 10 13.2	01 11.94 +31 57.3 18.4	-0.73 -20.5	9.2/24.5	26687
2005 EP ₁₁₅	2007 10 13.3	01 11.89 -02 54.8 19.8	-0.75 - 7.6	3.0/09.7	02246
2006 HJ ₅₇	2007 10 13.3	01 11.90 -00 42.7 20.1	-1.01 - 5.7	3.2/10.8	26762
2007 RZ ₁₅	2007 10 13.3	01 11.92 +08 47.4 17.8	-0.80 - 7.6	0.6/13.7	26356
2003 UZ ₂₁₅	2007 10 13.3	01 11.93 -00 10.9 18.9	-0.87 - 3.8	3.4/11.0	25947
2006 JX ₃₄	2007 10 13.3	01 11.96 +12 29.8 20.3	-0.88 - 7.4	1.8/14.9	26765
2003 XS ₆	2007 10 13.3	01 12.01 +28 19.3 19.4	-0.97 - 3.3	7.3/19.7	26697
2005 CU ₆₉	2007 10 13.3	01 12.05 +18 01.7 19.6	-0.95 - 3.2	3.4/16.4	26728
2000 AQ ₂₄	2007 10 13.3	01 12.09 -08 08.1 20.6	-0.91 - 5.1	5.3/08.3	84527
2002 AX ₁₅₆	2007 10 13.3	01 12.14 +09 03.3 20.1	-0.95 - 6.6	0.5/13.8	00136
2000 DR ₄₈	2007 10 13.3	01 12.16 +12 16.8 20.3	-0.85 - 4.4	1.5/14.8	26568
2005 EF ₁₇	2007 10 13.3	01 12.17 +08 07.8 19.9	-0.87 - 4.7	0.2/13.5	26730
2004 CK ₁₀₆	2007 10 13.3	01 12.18 +03 20.8 20.3	-0.67 - 7.4	1.1/11.9	26709

2005 BX ₁₉	2007 10 13.3	01 12.18 +15 05.5 19.8	-1.06 - 2.8	2.9/15.4	26724
2005 JP ₆₉	2007 10 13.3	01 12.18 -00 06.3 18.9	-0.97 - 1.1	3.1/11.3	26746
2003 HN ₃₅	2007 10 13.3	01 12.19 +01 00.5 19.4	-0.90 - 8.4	3.0/11.2	26658
2005 AF ₅₈	2007 10 13.3	01 12.19 +03 44.0 20.0	-0.97 - 5.4	1.5/12.2	86619
2004 EL ₆₁	2007 10 13.3	01 12.20 +08 58.7 19.8	-0.77 - 4.9	0.4/13.8	26711
2003 UF ₁₀₉	2007 10 13.3	01 12.27 +13 26.9 19.0	-1.05 - 0.6	2.4/14.9	25941
2000 CX ₃₉	2007 10 13.3	01 12.28 -39 07.1 19.0	-0.70 -15.1	18.5/27.0	39592
1999 VD ₁₂₃	2007 10 13.3	01 12.28 +09 53.8 18.4	-0.81 - 7.8	0.9/14.1	26561
2004 FV ₈₃	2007 10 13.3	01 12.31 -07 39.2 19.4	-0.73 - 5.4	4.6/08.2	26712
2003 YL ₅₀	2007 10 13.3	01 12.31 -04 09.3 19.8	-0.86 - 3.5	4.1/09.8	26699
2000 WE ₂₁	2007 10 13.3	01 12.31 +00 19.9 20.8	-0.96 - 5.0	2.7/11.2	72228
2000 RO ₉₃	2007 10 13.3	01 12.34 +06 18.5 18.6	-0.99 - 3.5	0.7/13.0	26575
2002 AM ₁₆₃	2007 10 13.3	01 12.35 +10 45.3 20.4	-0.99 - 5.8	1.1/14.3	26607
2003 QG ₁₈	2007 10 13.4	01 12.25 +01 03.3 19.4	-0.96 - 5.2	2.5/11.5	26661
2002 RK ₁₈₃	2007 10 13.4	01 12.33 +28 29.5 18.7	-0.85 - 4.0	8.4/20.4	25874
2000 KD ₆₇	2007 10 13.4	01 12.34 -15 16.7 20.3	-0.68 - 5.6	5.2/05.5	26572
2003 YQ ₆₀	2007 10 13.4	01 12.34 +11 36.1 19.3	-0.78 - 6.9	1.7/14.7	25979
2002 RB ₂₄₆	2007 10 13.4	01 12.38 +01 13.3 20.2	-0.79 - 6.0	2.3/11.3	26638
2002 TX ₃₆₄	2007 10 13.4	01 12.44 +00 32.1 19.8	-0.72 - 8.0	2.2/11.0	26647
2003 QC ₁₁₄	2007 10 13.4	01 12.47 +08 15.8 18.7	-0.91 - 3.2	0.3/13.6	26665
2002 RS ₁₄₃	2007 10 13.4	01 12.48 +09 22.3 19.7	-0.82 - 5.1	0.6/14.0	26636
2003 WA ₇₃	2007 10 13.4	01 12.53 -08 52.2 19.2	-1.07 + 1.0	7.0/09.3	25963
2003 UX ₁₁	2007 10 13.4	01 12.60 +15 52.0 19.8	-0.97 - 3.7	2.7/15.9	26678
1999 TG ₅₃	2007 10 13.4	01 12.64 +11 26.0 19.6	-0.94 - 4.6	1.4/14.6	26557
1998 RE ₆₈	2007 10 13.4	01 12.64 +13 35.4 18.1	-0.92 - 0.3	2.8/15.1	26553
2000 BL ₁₃	2007 10 13.4	01 12.66 +15 00.5 18.7	-0.87 - 4.1	3.0/15.7	25797
2003 UN ₂₄₂	2007 10 13.4	01 12.67 +03 45.6 19.4	-0.87 - 4.0	1.7/12.3	26686
2003 SA ₅₆	2007 10 13.4	01 12.68 +10 17.6 19.6	-0.87 - 8.1	1.1/14.4	26667
2007 PM ₄	2007 10 13.4	01 12.76 -37 41.0 19.3	-1.67 +20.7	22.7/18.1	26777
2007 TD ₈	2007 10 13.5	01 12.67 -03 01.8 18.5	-0.95 - 3.8	5.1/10.4	26517
2000 HE ₁	2007 10 13.5	01 12.67 +06 46.7 20.1	-0.78 - 4.3	0.3/13.2	26571
2007 TY ₉₁	2007 10 13.5	01 12.71 +02 48.3 19.0	-0.91 - 3.4	2.1/12.1	26539
1999 TG ₂₇₂	2007 10 13.5	01 12.72 +21 57.5 18.2	-0.81 -11.0	5.8/19.0	26559
1999 VR ₂₀₆	2007 10 13.5	01 12.76 +04 55.0 19.6	-0.87 - 0.9	1.4/12.8	26562
2004 VG ₈₁	2007 10 13.5	01 12.78 -01 44.9 20.5	-1.04 - 3.6	3.1/10.9	00854
2005 BN	2007 10 13.5	01 12.79 +00 32.9 20.8	-1.02 - 5.1	3.2/11.4	26723
2005 ET ₆₄	2007 10 13.5	01 12.80 +26 19.5 20.0	-1.01 - 2.1	5.9/19.0	76820
2006 GL ₄₀	2007 10 13.5	01 12.82 -01 58.2 19.9	-0.94 - 4.2	3.6/10.7	01594
2001 FB ₄₉	2007 10 13.5	01 12.82 +14 07.3 19.6	-0.98 - 3.8	2.2/15.4	26589
2002 XJ ₂₆	2007 10 13.5	01 12.88 +31 01.4 18.7	-0.92 - 3.4	7.6/21.0	61649
2004 CY ₁₀₁	2007 10 13.5	01 12.88 +12 00.4 20.8	-0.73 - 5.9	1.1/15.0	26709
1998 SH ₁₅₅	2007 10 13.5	01 12.93 +01 56.3 18.6	-0.65 - 9.4	2.6/11.4	25790
2002 NY ₆₅	2007 10 13.5	01 12.96 +13 31.3 21.1	-0.84 - 6.8	2.0/15.5	23856
2005 AF ₄₃	2007 10 13.5	01 13.01 +02 37.2 19.7	-0.92 - 6.5	1.9/12.0	26722
2005 JD ₂₄	2007 10 13.5	01 13.06 -03 26.7 20.2	-0.83 - 2.1	3.4/10.4	89661
2003 SY ₁₃₁	2007 10 13.5	01 13.07 +16 32.1 19.8	-1.03 - 2.4	3.8/16.0	25927
2004 RT ₁₄₅	2007 10 13.6	01 12.99 +37 09.2 19.3	-1.73 + 4.6	14.5/20.2	95379
2006 HL ₆₅	2007 10 13.6	01 13.02 +11 28.9 18.7	-0.80 - 9.5	1.4/14.9	26762
2002 QX ₈₅	2007 10 13.6	01 13.03 +27 49.5 19.9	-1.00 - 2.3	7.2/19.6	26632
2002 QM ₅₃	2007 10 13.6	01 13.04 +09 41.1 18.6	-0.88 - 3.3	0.7/14.2	26631
2002 JG ₄₂	2007 10 13.6	01 13.08 +06 25.1 19.5	-0.97 - 4.6	0.5/13.2	25852

2003 WW ₆₁	2007 10 13.6	01 13.12 +09 10.3 19.1	-0.85 - 6.1	0.6/14.1	26691
2005 EM ₂₁₃	2007 10 13.6	01 13.19 +08 24.5 21.1	-0.89 - 4.6	0.2/13.8	24465
2002 GA ₁₇₁	2007 10 13.6	01 13.20 +11 00.5 19.5	-0.92 - 7.6	1.2/14.7	26620
2006 HX ₁₇	2007 10 13.6	01 13.21 +21 12.6 19.2	-0.86 - 9.5	4.7/18.6	26760
2002 TN ₃₁₇	2007 10 13.6	01 13.22 +25 33.3 19.7	-0.98 - 2.3	6.3/18.9	26647
2006 HE ₁₀₂	2007 10 13.6	01 13.25 +05 24.4 21.2	-0.98 - 7.8	0.9/12.9	26763
2001 YL ₈₂	2007 10 13.6	01 13.28 +20 08.5 19.7	-1.08 - 4.8	5.0/17.3	13861
2006 KU ₇	2007 10 13.6	01 13.32 -01 10.2 20.5	-1.00 - 3.3	3.3/11.2	26767
2002 PA ₁₃₃	2007 10 13.6	01 13.33 -02 12.6 19.2	-0.78 - 6.7	3.7/10.4	26629
2005 AO ₄₂	2007 10 13.6	01 13.33 +11 40.6 19.2	-1.14 - 1.5	1.8/14.7	26722
2006 GE ₄₈	2007 10 13.6	01 13.34 +07 45.6 21.4	-0.98 - 6.4	0.0/13.7	22815
2003 YY ₁₈	2007 10 13.6	01 13.34 -05 55.1 19.8	-0.89 - 4.4	4.6/09.4	26698
2004 XG ₈₀	2007 10 13.6	01 13.38 -04 16.1 19.6	-0.99 - 4.6	4.4/10.1	95626
2002 EV ₉₅	2007 10 13.6	01 13.39 +07 44.9 20.3	-1.02 - 4.4	0.0/13.7	50033
2005 FJ ₄	2007 10 13.6	01 13.40 +03 12.7 21.0	-0.86 - 3.0	1.2/12.4	26740
2005 GX ₅₃	2007 10 13.7	01 13.47 +07 30.6 19.9	-0.76 - 3.7	0.1/13.6	26742
2003 SX ₃₇	2007 10 13.7	01 13.49 -02 54.0 19.4	-0.82 - 7.5	4.5/10.1	00511
2002 AX ₁₀₈	2007 10 13.7	01 13.51 -03 23.1 19.1	-1.00 - 5.5	4.7/10.4	26607
2005 ES ₂₈₇	2007 10 13.7	01 13.51 +19 02.2 19.7	-0.93 - 3.5	3.8/17.1	26740
2005 LJ ₂₁	2007 10 13.7	01 13.53 +20 41.4 21.2	-0.82 - 7.0	3.6/18.1	77272
2005 GC ₁₁	2007 10 13.7	01 13.57 -05 05.4 20.1	-0.76 - 4.4	3.8/09.7	24468
1998 XL ₂₅	2007 10 13.7	01 13.57 +15 39.9 19.5	-0.75 - 8.1	3.2/16.5	25791
2007 SN ₁₂	2007 10 13.7	01 13.63 +09 11.3 19.1	-0.91 - 1.5	0.7/14.1	26509
2001 QR ₁₁₃	2007 10 13.7	01 13.65 -05 45.8 19.8	-0.67 - 7.5	3.9/08.9	26594
2003 YZ ₁₄₀	2007 10 13.7	01 13.68 -29 22.2 21.0	-0.84 - 0.6	8.4/01.9	76353
2006 FT ₃₉	2007 10 13.7	01 13.69 +06 26.8 20.6	-1.01 - 4.9	0.5/13.4	26757
2006 HO ₄₂	2007 10 13.7	01 13.70 +01 34.7 19.7	-1.09 - 3.6	2.5/12.1	26761
2002 SM ₃₆	2007 10 13.7	01 13.70 +02 41.5 18.8	-0.79 - 4.8	1.7/12.2	26640
2005 AY ₆₀	2007 10 13.7	01 13.72 -04 54.3 20.3	-0.93 - 6.2	4.6/09.7	77804
2005 EN ₇₃	2007 10 13.7	01 13.77 +03 03.8 21.1	-0.81 - 5.2	1.4/12.3	26732
2003 EJ ₁₆	2007 10 13.7	01 13.77 -09 56.6 19.3	-0.97 -11.0	6.2/07.8	26657
1998 ON ₃	2007 10 13.7	01 13.78 +06 41.0 20.6	-0.86 - 6.4	0.4/13.4	26553
2001 DT ₄₃	2007 10 13.7	01 13.79 -08 08.7 20.0	-0.79 - 8.0	5.3/08.3	26588
2005 FL ₁₁	2007 10 13.7	01 13.79 +12 03.3 20.2	-0.73 - 6.9	1.2/15.2	26740
2001 QR ₇₂	2007 10 13.7	01 13.80 +06 31.4 20.2	-0.77 - 5.1	0.4/13.4	25824
2006 HJ ₂₇	2007 10 13.7	01 13.82 +07 18.1 20.7	-1.04 - 5.1	0.2/13.7	26155
2003 UR ₁₀₀	2007 10 13.8	01 13.75 -01 34.4 18.1	-0.74 - 7.5	4.3/10.6	26681
2004 CE ₂₆	2007 10 13.8	01 13.80 +40 42.8 21.4	-1.00 - 1.0	7.7/24.5	04294
2001 BX ₅₅	2007 10 13.8	01 13.80 +01 25.7 19.5	-0.95 - 5.0	2.4/11.9	26586
2003 UQ ₁₉₇	2007 10 13.8	01 13.83 +10 19.8 20.3	-0.86 - 7.5	0.9/14.6	26684
2007 RS ₉₈	2007 10 13.8	01 13.84 +01 29.5 19.3	-1.03 - 3.8	2.8/12.1	26407
2002 XR ₇₃	2007 10 13.8	01 13.85 +09 24.7 19.0	-0.85 - 3.7	0.5/14.3	26654
2002 VV ₇₆	2007 10 13.8	01 13.86 +09 28.8 18.8	-0.65 - 8.4	0.7/14.4	26650
2005 GH ₁₀₁	2007 10 13.8	01 13.87 +05 24.1 19.3	-0.87 - 1.7	0.8/13.2	26049
2001 OP ₆₄	2007 10 13.8	01 13.87 -02 10.6 18.4	-0.78 - 3.5	3.6/10.8	75017
2002 ET ₃₁	2007 10 13.8	01 13.88 +14 52.6 19.5	-1.04 - 4.2	2.7/15.9	26613
2006 HX ₁₀₉	2007 10 13.8	01 13.88 +30 00.3 20.5	-0.97 - 6.3	7.1/21.7	01723
2005 EJ ₄₇	2007 10 13.8	01 13.88 +08 59.9 21.0	-0.76 - 4.6	0.3/14.2	24460
2006 DH ₁₉₈	2007 10 13.8	01 13.89 -15 32.2 19.3	-0.96 - 3.6	8.5/07.0	26755
2002 UQ ₄₄	2007 10 13.8	01 13.89 -14 11.2 19.1	-0.88 + 0.7	8.8/07.7	26648
2004 CM ₂₇	2007 10 13.8	01 13.90 +03 45.2 20.0	-0.79 - 5.0	1.2/12.6	24439

2002 RL ₁₆₈	2007 10 13.8	01 13.94 +11 25.2 20.2	-0.84 - 4.3	1.0/14.9	26637
2006 DL ₁₉₃	2007 10 13.8	01 13.94 -11 30.8 20.6	-0.82 - 6.2	6.2/07.5	03877
2007 RM ₁₁₈	2007 10 13.8	01 13.96 +11 03.6 18.6	-1.09 + 0.5	1.4/14.6	26419
2005 AX ₃₂	2007 10 13.8	01 14.00 +03 07.6 20.0	-0.97 - 6.6	2.0/12.4	26722
2007 TP ₆₉	2007 10 13.8	01 14.02 +10 53.7 18.3	-0.79 - 9.3	1.5/14.9	26536
2003 SH ₂₂₄	2007 10 13.8	01 14.05 +13 17.5 19.3	-0.82 - 2.6	2.8/15.5	25929
2006 EO ₄₅	2007 10 13.8	01 14.05 +02 41.0 19.8	-0.96 - 6.2	2.0/12.3	26142
2002 JB ₆	2007 10 13.8	01 14.06 -10 45.3 19.8	-0.94 - 4.4	6.1/08.2	26621
2002 GO ₁₅₆	2007 10 13.8	01 14.11 -01 46.2 20.6	-0.91 - 6.0	3.5/11.0	02098
2007 RH ₁₁₈	2007 10 13.8	01 14.12 +08 44.0 19.5	-1.04 - 3.2	0.3/14.1	26419
2005 GF ₄₃	2007 10 13.8	01 14.15 +18 40.7 21.3	-0.88 - 4.4	3.0/17.2	26742
2007 RB ₂₂₃	2007 10 13.8	01 14.16 +06 08.5 19.2	-0.84 - 7.1	0.8/13.3	26479
2005 AS	2007 10 13.8	01 14.17 +02 49.7 20.2	-0.86 - 5.8	1.6/12.3	26720
2003 WN ₂₈	2007 10 13.8	01 14.18 +13 19.5 19.3	-0.87 - 5.7	2.2/15.6	26690
2005 EH ₈₆	2007 10 13.9	01 14.12 +00 30.2 19.5	-0.83 - 4.2	2.3/11.7	26733
2006 HF ₁₁₄	2007 10 13.9	01 14.18 -05 24.9 19.7	-0.95 - 1.8	4.4/10.3	26764
2002 GN ₉₄	2007 10 13.9	01 14.22 +11 05.0 19.9	-0.96 - 6.4	1.2/14.9	26618
1999 VH ₁₉₄	2007 10 13.9	01 14.26 +40 20.4 18.9	-1.15 - 9.9	14.6/26.8	26562
2006 HY ₄₂	2007 10 13.9	01 14.27 +07 14.4 19.4	-0.96 - 5.1	0.3/13.8	26157
2000 SS ₈₉	2007 10 13.9	01 14.28 +06 40.0 18.7	-0.87 - 9.0	0.5/13.5	25807
2000 UR ₄₀	2007 10 13.9	01 14.28 -03 00.5 17.9	-0.94 - 0.9	5.6/11.1	25814
2002 GS ₆₂	2007 10 13.9	01 14.29 +05 44.6 19.4	-0.99 - 6.5	0.9/13.3	26618
2007 RU ₉₇	2007 10 13.9	01 14.30 -02 11.2 18.8	-0.67 - 9.3	3.6/10.3	26794
2005 ES ₇₂	2007 10 13.9	01 14.32 +10 43.9 20.7	-1.03 - 2.0	0.9/14.7	24461
2005 CM ₂₂	2007 10 13.9	01 14.32 +43 37.3 20.5	-1.37 - 0.1	11.3/24.1	09113
2001 CW ₂₉	2007 10 13.9	01 14.36 -06 42.4 19.2	-0.94 - 4.8	5.8/09.4	74910
1999 TW ₂₅₄	2007 10 13.9	01 14.40 +12 00.3 20.4	-0.92 - 5.1	1.4/15.2	26559
2001 QW ₂₆₇	2007 10 13.9	01 14.40 -04 32.2 18.9	-0.64 - 9.9	4.2/09.3	26595
2000 DG ₃₃	2007 10 13.9	01 14.43 +05 25.6 20.7	-0.80 - 5.8	0.7/13.2	24303
2004 XE ₁₁₉	2007 10 13.9	01 14.45 +08 20.0 20.2	-0.99 - 5.7	0.2/14.1	26719
2002 PL ₃₈	2007 10 13.9	01 14.54 -08 51.3 20.4	-0.81 - 5.9	5.1/08.5	77614
2006 DG ₃₄	2007 10 14.0	01 14.47 -00 25.6 20.8	-0.88 - 8.3	3.0/11.3	26752
2002 GC ₁₁₅	2007 10 14.0	01 14.51 -01 55.3 20.2	-0.91 - 5.6	3.6/11.0	02096
2006 JL ₃₀	2007 10 14.0	01 14.58 +03 16.9 20.5	-0.89 - 5.3	1.6/12.6	01755
2006 JZ ₅₂	2007 10 14.0	01 14.60 +10 55.8 18.9	-0.77 - 8.4	1.3/15.1	26171
2001 SF ₈	2007 10 14.0	01 14.62 +01 03.7 19.8	-0.72 - 5.2	1.9/11.8	26597
2001 HP ₁₈	2007 10 14.0	01 14.63 -14 30.9 20.8	-0.84 - 4.9	6.5/06.6	02034
1981 EH ₂₉	2007 10 14.0	01 14.65 +14 20.9 20.6	-1.00 - 5.7	2.2/16.0	01961
2002 XZ ₉₉	2007 10 14.0	01 14.66 +10 08.7 19.0	-0.77 - 4.9	0.8/14.8	26655
2003 YK ₃₀	2007 10 14.0	01 14.71 -05 31.2 19.0	-0.91 - 1.8	6.1/10.2	66321
2003 QF ₂₆	2007 10 14.0	01 14.73 +27 31.3 19.2	-1.12 - 3.5	7.5/20.1	26661
2007 RX ₁₄₆	2007 10 14.0	01 14.76 -04 44.1 18.6	-0.77 -10.4	5.2/09.6	26445
2006 EU ₁₉	2007 10 14.0	01 14.79 +08 57.3 20.4	-0.99 - 5.2	0.4/14.4	01473
2002 QN ₃₄	2007 10 14.0	01 14.82 -00 03.9 19.4	-0.82 - 4.6	2.8/11.6	25864
2002 TU ₂₅₉	2007 10 14.0	01 14.85 +01 42.9 18.8	-0.92 - 0.8	2.2/12.4	26645
2002 VF ₅₆	2007 10 14.0	01 14.86 -07 33.1 19.5	-0.87 - 3.3	4.6/09.3	26650
2000 UJ ₈₃	2007 10 14.0	01 14.86 -02 06.0 18.7	-0.94 - 4.1	4.6/11.2	26581
2001 FY ₁₆₉	2007 10 14.0	01 14.87 +26 22.2 20.0	-0.98 - 3.3	5.5/19.8	02034
2004 XU ₅₈	2007 10 14.0	01 14.87 -03 52.7 19.8	-0.94 - 3.5	4.0/10.7	02231
2006 MN ₇	2007 10 14.0	01 14.87 +36 17.0 19.5	-0.89 - 3.5	8.8/24.0	26770
2007 RG ₉₆	2007 10 14.0	01 14.90 +03 11.8 18.4	-0.93 - 2.5	2.2/12.8	26406

2002 VS ₁₂₅	2007 10 14.0	01 14.91 +07 55.5 19.8	-0.80 - 3.0	0.0/14.1	26652
2002 GC ₂₆	2007 10 14.1	01 14.85 -07 47.0 19.8	-0.87 -15.6	5.8/07.9	72590
2005 JL ₉₃	2007 10 14.1	01 14.87 +20 20.0 21.0	-0.75 - 5.1	3.1/18.2	89665
1999 UT ₅₇	2007 10 14.1	01 14.88 -20 15.9 18.9	-1.00 0.0	11.3/05.8	26560
2004 BS ₉₉	2007 10 14.1	01 14.90 -02 07.9 21.5	-0.76 - 5.0	2.8/10.9	62484
2006 DK ₆₇	2007 10 14.1	01 14.93 +07 49.4 20.1	-1.03 - 4.2	0.0/14.1	26753
2002 XQ ₅₆	2007 10 14.1	01 14.97 +07 23.6 19.2	-0.80 - 4.2	0.2/14.0	26654
2003 YP ₂₀	2007 10 14.1	01 14.98 -07 21.2 20.8	-0.79 - 3.6	4.5/09.4	89494
2002 AY ₁₉	2007 10 14.1	01 15.10 -00 57.7 17.8	-0.86 - 6.3	4.5/11.3	26606
2003 SC ₁₆	2007 10 14.1	01 15.10 +07 47.9 21.5	-0.92 - 6.5	0.1/14.1	26666
2002 RZ ₇₉	2007 10 14.1	01 15.13 +33 25.7 19.2	-1.35 + 4.4	9.7/19.5	26635
2003 YQ ₁₁₅	2007 10 14.1	01 15.17 -01 57.8 20.2	-0.74 - 4.6	2.8/11.0	26701
1998 QO ₄₂	2007 10 14.1	01 15.17 +21 52.5 19.0	-1.07 - 1.4	5.5/18.1	26553
2006 KT ₅₇	2007 10 14.1	01 15.23 +03 46.4 19.2	-0.81 - 7.9	1.7/12.8	26176
2005 EP ₁₁	2007 10 14.1	01 15.30 +01 22.8 19.8	-0.92 - 6.5	2.5/12.1	26729
2005 GY ₁₄₉	2007 10 14.2	01 15.24 -17 39.5 21.7	-0.91 + 0.3	6.6/07.2	77151
2002 GQ ₁₄₄	2007 10 14.2	01 15.26 -05 56.2 20.0	-0.86 - 6.7	4.6/09.8	22702
2003 YL ₉	2007 10 14.2	01 15.26 -22 31.6 19.8	-0.77 - 2.9	7.7/03.8	04278
2005 GW ₁₆₀	2007 10 14.2	01 15.30 +04 25.6 20.4	-0.73 - 4.8	0.9/13.1	26745
2005 GZ ₁₉	2007 10 14.2	01 15.31 +08 53.2 20.3	-0.72 - 6.6	0.3/14.5	97782
2002 NA ₄₅	2007 10 14.2	01 15.31 -06 46.5 21.2	-0.80 - 6.5	4.4/09.4	02110
2001 GM ₁₁	2007 10 14.2	01 15.31 -40 30.5 19.6	-0.94 - 4.8	13.9/27.0	24328
2000 YM ₁₄₁	2007 10 14.2	01 15.33 +15 01.0 20.6	-1.13 - 4.4	2.9/17.0	22389
2005 HE ₁	2007 10 14.2	01 15.40 +06 42.5 21.8	-0.73 - 4.3	0.3/13.8	86719
2006 DX ₄₁	2007 10 14.2	01 15.41 +09 44.4 19.7	-1.08 - 3.5	0.6/14.7	26753
2005 EA ₁₀₀	2007 10 14.2	01 15.42 +04 42.4 19.8	-0.96 - 3.5	1.2/13.3	26733
2002 ED ₄₇	2007 10 14.2	01 15.43 +09 03.8 20.2	-0.96 - 5.9	0.4/14.6	00201
2005 AD ₂₃	2007 10 14.2	01 15.43 +10 31.2 19.2	-1.03 - 4.7	1.0/15.0	26017
2005 GJ ₂₀₇	2007 10 14.2	01 15.44 -23 59.0 21.1	-0.71 - 5.5	8.8/02.4	11096
2003 UV ₂₇₇	2007 10 14.2	01 15.45 -03 39.8 19.4	-1.23 + 4.0	5.1/11.9	26688
2001 SA ₈₉	2007 10 14.2	01 15.46 +00 58.8 18.8	-0.69 - 9.0	2.2/11.7	26598
2002 AS ₁₂₆	2007 10 14.2	01 15.48 -01 03.1 19.2	-0.97 - 6.2	3.5/11.6	26607
2005 JX ₁₀₈	2007 10 14.2	01 15.49 -26 17.8 21.2	-0.94 + 0.9	8.9/04.5	89666
2003 UT ₂₆₃	2007 10 14.2	01 15.50 +14 23.9 19.6	-1.06 - 0.8	2.7/15.9	26687
2007 PK ₃₅	2007 10 14.2	01 15.50 +08 33.7 17.5	-0.81 - 6.6	0.3/14.5	26327
2005 AL ₃₄	2007 10 14.2	01 15.53 -08 07.8 20.9	-0.85 - 5.3	4.9/09.2	76594
2003 BM ₈₀	2007 10 14.2	01 15.54 +09 33.6 19.9	-0.58 - 2.8	0.3/14.8	66304
2003 YS ₁₄₈	2007 10 14.2	01 15.65 +09 52.3 20.1	-0.99 - 2.7	0.6/14.8	23970
2001 HD ₄₆	2007 10 14.3	01 15.63 -05 11.5 19.9	-0.88 - 2.6	3.9/10.6	24328
2005 ES ₂₃₀	2007 10 14.3	01 15.63 +08 36.6 21.1	-0.92 - 4.5	0.2/14.5	26738
2004 BF ₄₆	2007 10 14.3	01 15.65 -07 16.5 20.4	-0.74 - 5.7	4.4/09.2	26705
2002 CT ₇₉	2007 10 14.3	01 15.66 +15 43.6 20.3	-1.03 - 4.6	2.7/16.6	26609
2005 GJ ₁₁₉	2007 10 14.3	01 15.75 -11 26.8 20.2	-0.81 - 7.3	6.0/07.5	89655
2006 KV ₁₂₀	2007 10 14.3	01 15.80 -00 18.7 19.9	-1.01 - 5.7	3.1/11.9	01843
2002 PX ₁₆₀	2007 10 14.3	01 15.81 -15 51.7 20.2	-0.82 - 5.0	7.5/06.5	02116
2006 QZ ₄₃	2007 10 14.3	01 15.81 +42 40.5 21.0	-1.07 - 1.2	8.6/26.4	11190
2003 QT ₅₂	2007 10 14.3	01 15.82 +04 19.9 19.8	-0.98 - 5.1	1.4/13.3	26663
2006 FD ₄₈	2007 10 14.3	01 15.84 -02 36.2 20.0	-0.97 - 4.6	3.9/11.3	26758
2002 TW ₄₂	2007 10 14.3	01 15.85 -02 35.2 18.6	-0.89 - 0.8	3.8/11.5	26641
2006 HQ ₁₀₈	2007 10 14.3	01 15.89 -05 00.5 20.3	-0.93 - 4.9	4.7/10.5	26764
2002 RO ₃₈	2007 10 14.3	01 15.89 +28 22.9 19.2	-1.05 - 1.5	7.6/20.5	26634

2004 XN ₉₈	2007 10 14.3	01 15.94 +07 11.4 20.5	-0.99	- 5.2	0.3/14.1	26718
2001 RN ₁₄₆	2007 10 14.3	01 15.97 +09 58.7 19.8	-0.69	- 9.3	0.6/15.1	26597
1996 TE ₅	2007 10 14.3	01 15.98 +11 45.4 18.9	-1.16	+ 3.6	1.4/15.1	26550
2003 AM ₂	2007 10 14.3	01 15.98 +41 16.4 19.0	-1.25	- 7.8	14.1/27.3	26655
2007 RC ₅₈	2007 10 14.3	01 16.00 +02 11.5 19.0	-0.80	- 6.4	2.8/12.5	26388
2004 EB ₁₃	2007 10 14.3	01 16.02 -05 02.1 19.0	-0.70	- 7.1	4.0/09.8	26711
2001 BK ₈₂	2007 10 14.4	01 15.97 +00 57.0 20.4	-0.92	- 5.7	2.6/12.2	26586
2002 CW ₂₆₇	2007 10 14.4	01 15.99 +00 55.4 21.6	-0.94	- 6.1	2.5/12.2	00186
2005 HD ₆	2007 10 14.4	01 16.02 -15 09.1 19.7	-0.80	- 2.4	6.7/07.1	26745
2005 JN ₄₅	2007 10 14.4	01 16.08 -22 49.3 21.2	-0.69	- 5.7	7.1/03.0	86731
2004 CB ₉₆	2007 10 14.4	01 16.10 +13 43.7 19.7	-0.77	- 4.0	1.6/16.2	26709
2006 HR ₆₉	2007 10 14.4	01 16.11 +02 04.3 21.2	-0.92	- 7.1	2.0/12.6	26762
2003 WR ₁₄₂	2007 10 14.4	01 16.13 +02 09.9 19.4	-0.91	- 3.1	2.2/12.8	26695
2000 RW ₂₁	2007 10 14.4	01 16.13 +17 52.1 18.1	-0.97	- 7.1	4.6/17.7	26574
2006 KW ₄₀	2007 10 14.4	01 16.14 -17 25.8 20.4	-1.13	+ 3.7	8.3/09.3	14777
2002 XU ₅	2007 10 14.4	01 16.15 -04 22.6 19.2	-0.87	- 2.6	4.3/10.8	26653
2001 QU ₇₁	2007 10 14.4	01 16.17 +15 43.8 18.4	-0.68	-12.1	2.4/17.4	26593
1995 UX ₄₂	2007 10 14.4	01 16.22 +08 10.8 19.9	-0.94	- 4.5	0.0/14.5	26549
2002 ER ₃₅	2007 10 14.4	01 16.27 +10 31.5 21.0	-0.96	- 5.8	0.8/15.2	00198
2007 RC ₂₂₃	2007 10 14.4	01 16.28 +03 38.6 19.0	-0.71	-10.2	1.8/12.9	26480
2006 HQ ₆₀	2007 10 14.4	01 16.28 -05 55.6 20.0	-0.78	- 6.9	4.7/09.9	26762
2001 PD ₁₇	2007 10 14.4	01 16.31 -20 57.5 18.3	-0.77	- 3.1	10.1/04.2	50540
2002 XZ ₆₃	2007 10 14.4	01 16.35 -16 55.9 19.8	-0.84	- 1.1	7.5/06.9	75819
1998 BQ ₅	2007 10 14.4	01 16.37 -01 20.4 19.7	-0.75	- 5.2	3.1/11.4	26552
2006 FP ₅₃	2007 10 14.4	01 16.39 +08 32.9 20.3	-0.91	- 8.5	0.2/14.6	11166
2001 FH ₁₁₅	2007 10 14.5	01 16.33 +02 37.1 20.6	-0.83	- 7.6	1.8/12.7	26590
2005 FW ₆	2007 10 14.5	01 16.36 -01 41.1 20.2	-0.88	- 2.8	3.0/11.7	77029
2000 UY ₁₀₁	2007 10 14.5	01 16.37 +08 55.9 18.4	-1.08	- 2.7	0.4/14.7	26581
2005 EO ₃₂₃	2007 10 14.5	01 16.38 -13 09.5 20.0	-0.81	- 8.0	7.3/06.8	26740
2002 PO ₁₇₈	2007 10 14.5	01 16.39 +12 00.7 21.2	-0.85	- 6.1	1.2/15.8	26630
2003 SK ₁₆₈	2007 10 14.5	01 16.40 -13 09.6 18.6	-0.76	- 4.7	10.0/07.2	26670
2005 GH ₂₂	2007 10 14.5	01 16.44 -06 23.1 20.2	-0.71	- 5.5	4.0/09.7	24468
2005 BQ ₃₈	2007 10 14.5	01 16.44 -00 26.8 21.2	-0.88	- 5.3	2.9/11.9	95642
2002 CL ₁₂₆	2007 10 14.5	01 16.46 +10 50.4 20.3	-0.97	- 5.6	0.9/15.4	02075
1996 DH ₃	2007 10 14.5	01 16.46 +13 00.3 19.7	-0.80	- 7.8	1.6/16.2	26550
2000 YU ₅₆	2007 10 14.5	01 16.47 +03 24.6 19.0	-0.91	- 6.1	1.9/13.1	26584
2001 HR ₄₃	2007 10 14.5	01 16.51 +07 23.8 21.1	-0.84	- 4.5	0.2/14.3	24328
2001 AG ₁₂	2007 10 14.5	01 16.53 +28 35.7 19.2	-1.01	- 5.8	7.9/21.1	26585
2005 GV ₉	2007 10 14.5	01 16.55 +06 49.2 20.4	-0.88	- 3.0	0.4/14.2	77857
2002 PO ₅	2007 10 14.5	01 16.61 +16 51.6 19.5	-0.84	- 6.9	2.9/17.5	26627
2003 US ₇₈	2007 10 14.5	01 16.65 +17 31.3 19.2	-0.88	- 6.8	4.0/17.7	25939
2004 BH ₁₁₈	2007 10 14.5	01 16.65 -21 43.6 20.2	-0.70	- 7.1	7.6/03.1	11023
2006 DX ₁₂₂	2007 10 14.5	01 16.66 -20 21.3 18.7	-0.73	-22.2	13.0/01.1	26138
2002 XB ₉₅	2007 10 14.5	01 16.69 +26 35.1 19.8	-0.76	- 7.7	4.6/21.2	26655
2003 UN ₂₄₆	2007 10 14.5	01 16.69 +07 04.7 17.8	-0.78	- 8.0	0.5/14.2	26686
2005 GV ₁₈₀	2007 10 14.5	01 16.73 +03 53.4 19.3	-0.70	- 7.5	1.3/13.1	26745
2003 SW ₅₈	2007 10 14.5	01 16.74 +16 08.0 19.1	-0.86	- 8.4	3.3/17.3	25922
2006 JH ₁₀	2007 10 14.6	01 16.69 -01 10.7 17.6	-0.94	+ 1.7	4.3/12.4	26167
2002 CU ₂₅₃	2007 10 14.6	01 16.77 +03 14.5 19.0	-1.06	- 3.6	2.0/13.3	26612
2006 JS ₄	2007 10 14.6	01 16.79 +06 48.2 20.5	-0.86	- 6.7	0.4/14.2	24085
2006 AF ₈	2007 10 14.6	01 16.86 -35 43.3 19.3	-1.03	- 8.1	19.4/27.0	26750

2004 CD ₁₂₀	2007 10 14.6	01 16.87 +18 30.7 20.3	-0.83	- 3.0	2.9/17.8	22770
2004 FM ₂₅	2007 10 14.6	01 16.92 +00 43.9 21.7	-0.71	- 7.5	1.9/12.1	89530
2002 CS ₉₃	2007 10 14.6	01 17.01 +12 44.3 19.2	-1.06	- 4.4	2.1/16.0	26610
2006 HU ₇₉	2007 10 14.6	01 17.04 +09 55.1 19.3	-0.82	- 7.4	0.7/15.3	26161
2002 TD ₃₂₉	2007 10 14.6	01 17.13 +05 05.5 21.1	-0.82	- 4.2	1.0/13.8	75755
2003 YX ₅₀	2007 10 14.7	01 17.08 -17 21.3 18.5	-0.88	- 0.2	10.5/07.4	26699
2002 VU ₁₀₆	2007 10 14.7	01 17.13 -01 06.4 19.5	-0.89	- 0.7	2.8/12.3	26651
2003 UF ₂₃	2007 10 14.7	01 17.15 +16 32.7 19.0	-0.78	-11.6	3.2/17.8	25936
2006 HZ ₃₈	2007 10 14.7	01 17.16 -00 44.4 20.1	-1.01	- 4.2	3.3/12.2	26761
2005 EN ₂₄₇	2007 10 14.7	01 17.17 +12 12.6 20.0	-0.95	- 2.8	1.4/15.9	04323
2007 RP ₁₄₅	2007 10 14.7	01 17.17 +13 09.8 18.3	-0.95	- 4.0	2.6/17.0	26800
2006 FF ₄₂	2007 10 14.7	01 17.19 +05 27.4 20.5	-0.85	- 6.7	1.0/13.9	11166
2002 GE ₄₉	2007 10 14.7	01 17.19 +09 23.2 19.3	-1.08	- 3.6	0.5/15.1	26617
1999 VS ₄	2007 10 14.7	01 17.23 +05 34.8 18.7	-0.90	- 3.9	1.1/14.0	26560
2003 SJ ₃₂₁	2007 10 14.7	01 17.27 +16 52.1 19.5	-0.98	- 4.1	3.0/17.3	26676
2002 CJ ₂₀₈	2007 10 14.7	01 17.32 +04 14.1 20.1	-0.99	- 6.4	1.7/13.6	26611
2005 EL ₂₉₂	2007 10 14.7	01 17.33 -02 18.0 20.0	-0.80	- 2.4	2.8/11.7	77017
2004 CZ ₂	2007 10 14.7	01 17.34 +19 04.0 19.8	-0.96	- 1.7	3.5/17.8	25990
2003 OV ₂	2007 10 14.7	01 17.40 +09 23.8 19.6	-0.94	-10.7	0.5/15.2	25908
2002 RG ₂₄	2007 10 14.7	01 17.42 +10 36.9 19.2	-0.84	- 5.2	0.8/15.5	26634
2007 RJ ₂₄₀	2007 10 14.7	01 17.50 +09 04.5 19.0	-0.89	- 5.2	0.4/15.1	26486
2001 QQ ₃₂₇	2007 10 14.8	01 17.44 +19 36.7 18.4	-0.73	- 6.6	3.9/18.8	26595
2002 JY ₅₅	2007 10 14.8	01 17.48 +21 52.8 18.2	-0.81	-15.9	5.7/20.5	74180
2006 DK ₇₇	2007 10 14.8	01 17.50 +10 05.3 20.7	-1.08	- 4.2	0.7/15.3	26135
2005 EB ₁₀	2007 10 14.8	01 17.51 +05 37.6 20.4	-0.86	- 6.1	0.9/14.0	76727
1999 WC ₁₁	2007 10 14.8	01 17.51 -09 58.8 19.4	-0.98	- 1.3	6.8/09.8	26562
2003 YJ ₂₅	2007 10 14.8	01 17.53 +19 11.4 19.0	-0.91	- 4.7	4.6/18.2	25976
2004 YG ₃₆	2007 10 14.8	01 17.54 +15 08.0 20.1	-0.92	- 7.1	2.4/17.0	26720
2001 RQ ₃₉	2007 10 14.8	01 17.55 +49 07.8 19.8	-1.33	+ 2.0	13.1/29.0	75082
2000 UT ₆₄	2007 10 14.8	01 17.55 +14 30.6 19.0	-0.82	- 3.8	3.4/16.8	26581
2002 JU ₉₄	2007 10 14.8	01 17.57 -04 19.9 19.8	-1.02	- 0.9	4.7/11.7	00261
2002 SB ₅₂	2007 10 14.8	01 17.60 -00 51.6 18.7	-0.96	- 0.3	3.2/12.5	25880
2005 GB ₁₁₄	2007 10 14.8	01 17.65 -13 55.2 20.2	-0.93	- 2.2	7.0/08.3	86706
2003 YC ₄₄	2007 10 14.8	01 17.68 -07 14.4 19.8	-0.76	- 4.1	4.6/10.0	77758
2002 RM ₂₉	2007 10 14.8	01 17.72 +07 02.0 19.7	-0.77	- 7.6	0.4/14.5	25872
2000 DZ ₇₂	2007 10 14.8	01 17.74 +15 12.3 21.6	-0.89	- 3.5	2.0/16.9	47858
2002 UG ₁₃	2007 10 14.8	01 17.75 -03 44.6 18.5	-0.70	- 8.0	4.6/10.6	25889
1996 XC ₄	2007 10 14.8	01 17.76 +07 20.9 20.6	-0.94	- 4.8	0.4/14.6	26551
2003 UB ₁₁₅	2007 10 14.8	01 17.77 +14 23.3 19.6	-0.82	- 9.2	2.0/17.0	26681
2007 SP ₃	2007 10 14.8	01 17.77 +02 33.8 18.6	-0.66	-12.1	2.0/12.7	26501
2003 UC ₂₃₄	2007 10 14.8	01 17.77 +27 16.8 18.6	-0.82	-12.5	6.7/22.4	26686
2001 HT ₃	2007 10 14.8	01 17.81 +03 26.0 19.8	-0.78	- 9.0	1.5/13.2	26590
2002 SB ₂₀	2007 10 14.8	01 17.83 +00 02.9 19.5	-0.67	-11.2	3.1/11.8	26640
2003 UK ₂₆₈	2007 10 14.8	01 17.83 +05 01.4 19.2	-0.84	+ 1.2	1.7/14.1	25950
2007 RQ ₉₈	2007 10 14.8	01 17.87 +01 24.5 20.0	-0.90	- 2.9	3.0/13.0	26407
2002 VQ ₁₂₂	2007 10 14.8	01 17.87 +15 15.3 19.4	-0.95	- 1.2	2.5/16.8	26652
2003 WT ₉₉	2007 10 14.9	01 17.81 +30 04.9 18.7	-0.96	- 5.0	8.1/22.2	26693
2005 EG ₂₈₀	2007 10 14.9	01 17.82 -02 30.5 19.7	-0.92	- 4.6	3.8/11.7	26739
1999 VW ₉₉	2007 10 14.9	01 17.86 +02 45.7 19.3	-0.93	- 3.5	2.1/13.4	26561
2005 EC ₂₂₂	2007 10 14.9	01 17.86 +00 07.6 20.5	-0.89	- 5.3	2.8/12.4	26738
2004 BR ₈₄	2007 10 14.9	01 17.88 +19 54.7 20.9	-0.72	- 5.4	2.7/18.8	65548

2002 QU ₇₉	2007 10 14.9	01 17.91 +10 22.5 20.5	-0.90 - 3.8	0.7/15.6	13919
2000 TU ₃₅	2007 10 14.9	01 17.91 +10 37.1 19.0	-1.03 - 5.4	1.0/15.6	26580
2003 OU ₃₀	2007 10 14.9	01 17.96 -03 00.2 19.4	-0.85 - 6.9	4.7/11.3	26660
2005 CX ₄₃	2007 10 14.9	01 17.97 +09 04.9 20.6	-0.95 - 5.9	0.3/15.2	76675
2002 JZ ₆	2007 10 14.9	01 17.97 +00 02.6 20.9	-0.89 - 5.8	2.8/12.4	26621
2007 RX ₁₀	2007 10 14.9	01 17.98 +07 38.8 18.6	-0.87 - 5.7	0.3/14.8	26352
2006 DG ₂₀₈	2007 10 14.9	01 18.01 +05 13.4 20.5	-0.85 - 9.1	1.0/13.9	26755
2003 UB ₂₄₁	2007 10 14.9	01 18.05 +15 39.8 20.4	-0.90 - 6.0	3.1/17.0	57168
2005 EV ₂₀₅	2007 10 14.9	01 18.06 -19 34.9 20.1	-0.78 - 7.9	8.2/04.7	95660
2005 EO ₁₈₇	2007 10 14.9	01 18.10 +08 24.8 21.0	-0.75 - 5.3	0.0/15.0	26037
2002 QL ₁₁₃	2007 10 14.9	01 18.12 +19 47.0 19.7	-0.81 - 7.0	4.4/18.9	19583
2002 JC ₁₄₇	2007 10 14.9	01 18.13 -04 39.8 19.0	-0.76 -10.2	5.0/10.4	25854
2002 RX ₂₀₃	2007 10 14.9	01 18.13 +06 03.3 19.4	-0.84 - 5.7	0.8/14.3	26638
2006 JG ₁₈	2007 10 14.9	01 18.13 +09 26.5 20.9	-0.91 - 8.1	0.4/15.4	26168
2003 SK ₃₇₇	2007 10 14.9	01 18.15 +06 15.1 21.3	-0.92 - 6.0	0.7/14.4	25934
2004 BL ₅₂	2007 10 14.9	01 18.18 +03 09.7 19.4	-0.81 - 4.6	1.7/13.4	26705
2003 XB ₁₃	2007 10 14.9	01 18.20 +15 37.5 20.4	-0.85 - 5.2	2.2/17.3	11007
2006 KV ₃₁	2007 10 14.9	01 18.23 +08 35.8 20.9	-0.88 - 5.1	0.1/15.1	26768
2007 PH ₃₅	2007 10 14.9	01 18.23 +14 55.2 17.6	-0.94 - 0.4	3.5/17.0	26780
2005 ED ₁₃₂	2007 10 15.0	01 18.18 -08 44.1 20.8	-0.81 - 4.3	4.8/09.7	14147
2002 NW ₆₄	2007 10 15.0	01 18.21 +09 10.1 19.8	-0.90 - 4.5	0.3/15.3	25856
2003 SS ₃₀₁	2007 10 15.0	01 18.29 +06 12.1 18.8	-1.02 - 1.3	0.9/14.5	25931
2003 SK ₁₀₁	2007 10 15.0	01 18.33 +20 15.7 18.4	-0.78 - 9.5	5.3/19.4	26669
2004 BC ₉₀	2007 10 15.0	01 18.39 +23 47.7 19.4	-0.82 - 4.3	4.4/20.0	61830
2001 QR ₂₆₄	2007 10 15.0	01 18.42 +34 45.9 19.0	-0.89 - 3.8	9.2/24.7	25828
2005 AP ₄₂	2007 10 15.0	01 18.44 +00 34.5 19.5	-1.09 - 2.3	3.0/13.0	26722
2001 RO ₁₁₁	2007 10 15.0	01 18.45 -00 49.6 19.3	-0.70 - 6.6	2.7/12.0	26597
2002 XV ₂₀	2007 10 15.0	01 18.45 +03 13.0 19.3	-0.88 - 1.5	1.7/13.7	26653
2002 GB ₁₄₃	2007 10 15.0	01 18.59 +05 47.2 20.2	-0.98 - 4.8	0.9/14.4	26619
2005 EX ₈₇	2007 10 15.0	01 18.63 +06 58.3 19.6	-0.81 - 6.5	0.4/14.7	26733
2003 UD ₁₈₄	2007 10 15.0	01 18.63 -02 18.3 18.4	-1.12 + 3.6	5.1/13.0	26684
2002 EE ₁₁₁	2007 10 15.1	01 18.55 +01 33.7 19.6	-0.97 - 5.5	2.5/13.1	26615
2000 GU ₁₀₀	2007 10 15.1	01 18.56 +10 20.6 21.0	-0.88 - 7.4	0.6/15.8	26570
2006 GL ₄₃	2007 10 15.1	01 18.58 +01 44.4 19.4	-1.05 - 2.8	2.7/13.4	26759
2005 EH ₅₁	2007 10 15.1	01 18.60 -05 01.5 19.8	-0.79 - 5.9	3.8/10.8	04318
2003 UE ₅₆	2007 10 15.1	01 18.61 -00 39.6 19.3	-0.72 - 8.2	4.1/12.0	26679
2001 QZ ₁₅₄	2007 10 15.1	01 18.64 +04 03.1 19.4	-0.68 - 8.5	1.5/13.6	26594
2005 GB ₉₀	2007 10 15.1	01 18.67 -15 31.4 20.1	-0.87 - 3.4	7.0/07.5	77119
2000 QQ ₁₉₈	2007 10 15.1	01 18.68 +05 50.2 18.5	-0.98 - 3.1	1.2/14.5	26574
2006 HE ₁₂₀	2007 10 15.1	01 18.71 +09 14.4 20.6	-0.95 - 6.9	0.3/15.4	26165
2003 UF ₁₀₁	2007 10 15.1	01 18.75 +03 09.9 18.9	-0.75 - 7.6	2.3/13.4	25940
2005 JQ ₇₃	2007 10 15.1	01 18.78 -05 33.8 19.9	-0.84 - 2.1	4.2/11.1	26747
2000 SS ₁₀₂	2007 10 15.1	01 18.79 +09 49.6 18.5	-0.83 - 7.9	0.7/15.7	25807
2005 AT ₃₈	2007 10 15.1	01 18.81 +18 49.9 20.1	-0.94 - 6.1	3.7/18.5	11077
2007 TM ₂₅	2007 10 15.1	01 18.82 +11 37.4 19.2	-0.98 - 3.8	1.6/16.1	26528
2003 UQ ₁₆₄	2007 10 15.1	01 18.83 +12 18.2 18.4	-0.76 -10.5	1.6/16.6	26683
2002 LW ₃₉	2007 10 15.1	01 18.84 +09 32.3 18.9	-0.82 -10.1	0.5/15.6	25854
2003 AX ₂₃	2007 10 15.1	01 18.87 -07 18.9 19.1	-0.82 - 4.2	5.6/10.1	26656
2005 GC ₂₉	2007 10 15.1	01 18.87 +11 00.1 19.6	-0.69 - 8.1	0.7/16.1	26043
2000 YV ₂	2007 10 15.1	01 18.89 -00 16.8 19.0	-0.99 - 3.3	3.2/12.8	26584
2006 KF ₁₆	2007 10 15.1	01 18.90 -16 07.4 19.5	-0.76 - 5.0	7.3/07.1	11171

2003 AV ₂	2007 10 15.1	01 18.92 +45 59.7 18.7	-1.41 - 1.7	17.6/28.0	70353
2005 GU ₈₁	2007 10 15.1	01 18.92 +06 46.7 19.6	-0.89 - 4.4	0.6/14.7	26743
2005 AS ₃	2007 10 15.1	01 18.96 -06 24.1 18.9	-0.89 - 6.7	6.1/10.4	24451
1999 YZ ₃	2007 10 15.2	01 18.97 -20 47.7 20.2	-1.30 + 1.4	10.0/07.4	57735
2007 RM ₁₅	2007 10 15.2	01 18.99 -08 31.8 18.8	-0.76 - 5.4	7.5/09.6	26785
2002 JM ₁₁₄	2007 10 15.2	01 19.06 +14 54.6 19.7	-0.87 - 8.3	2.5/17.5	26623
2005 ES ₂₃₇	2007 10 15.2	01 19.06 +10 15.9 20.0	-0.96 - 2.8	0.7/15.8	26738
2006 EQ ₂	2007 10 15.2	01 19.07 +16 20.0 21.2	-1.13 - 4.5	3.1/17.5	26141
2005 EN ₂₁₃	2007 10 15.2	01 19.09 +05 28.9 20.3	-0.83 - 6.0	1.0/14.3	26737
2007 RZ ₂₅₂	2007 10 15.2	01 19.12 +05 00.0 19.3	-0.78 -10.3	1.2/14.1	26490
2002 QQ ₁₈	2007 10 15.2	01 19.13 +00 10.8 19.4	-0.83 - 4.7	2.9/12.7	26630
2002 VO ₄₇	2007 10 15.2	01 19.18 +04 39.4 18.6	-0.75 - 5.3	1.4/14.1	26650
2001 FL ₈₈	2007 10 15.2	01 19.19 +06 25.2 20.0	-0.89 - 4.6	0.7/14.7	26589
2002 EA ₂₈	2007 10 15.2	01 19.20 +04 18.7 20.7	-0.95 - 5.5	1.4/14.1	26613
2005 CN ₈	2007 10 15.2	01 19.20 +11 20.2 20.6	-0.98 - 5.5	1.1/16.1	26725
2006 JU ₂	2007 10 15.2	01 19.20 +06 44.5 19.5	-0.97 - 2.6	0.7/14.8	26764
2003 UT ₁₂₆	2007 10 15.2	01 19.24 +19 52.3 19.9	-0.89 - 6.6	3.7/19.1	69572
2004 AG ₅	2007 10 15.2	01 19.24 -03 51.1 20.2	-0.74 - 4.3	3.1/11.4	62468
2001 SU ₂₀₆	2007 10 15.2	01 19.29 +10 26.2 20.3	-0.80 - 3.2	0.6/15.9	26599
2006 KN ₁₀	2007 10 15.2	01 19.29 +08 53.4 18.9	-0.83 - 6.1	0.2/15.4	26767
2002 RD ₂₀	2007 10 15.2	01 19.29 -08 50.9 18.9	-0.65 - 9.1	7.0/08.8	26634
2002 GG ₈₄	2007 10 15.2	01 19.34 -00 43.5 20.1	-0.92 - 5.3	3.1/12.6	26618
2004 DF ₁₄	2007 10 15.2	01 19.35 +13 50.7 20.0	-0.81 - 3.0	1.5/16.9	26710
2007 RH ₁₁	2007 10 15.2	01 19.50 +16 29.0 17.8	-2.29 +19.2	4.8/17.0	26785
2004 TS ₅₂	2007 10 15.3	01 19.29 +07 32.6 19.8	-1.09 - 3.8	0.4/15.1	26715
2004 BR ₁₃₉	2007 10 15.3	01 19.29 +08 12.1 19.5	-0.80 - 4.7	0.1/15.2	26707
2002 XM ₅₄	2007 10 15.3	01 19.33 +16 44.3 19.2	-0.73 - 7.5	2.6/18.2	26654
2003 XG ₉	2007 10 15.3	01 19.42 +28 32.7 18.3	-1.10 0.0	8.3/20.8	26697
2006 DG ₂₈	2007 10 15.3	01 19.43 +10 22.7 20.1	-1.07 - 4.5	0.8/15.9	26752
2005 EV ₅₁	2007 10 15.3	01 19.47 +14 48.3 19.8	-0.99 + 0.1	1.8/17.0	26731
2007 SA ₁	2007 10 15.3	01 19.48 +06 21.4 17.8	-0.70 - 5.9	0.8/14.7	26499
2003 VN ₉	2007 10 15.3	01 19.52 -00 36.5 17.8	-0.82 - 0.5	4.6/12.9	26689
2007 TN ₁₀	2007 10 15.3	01 19.53 +05 53.5 19.6	-0.95 - 8.6	1.1/14.6	26518
2002 CV ₆₇	2007 10 15.3	01 19.53 +19 08.3 19.6	-1.10 - 4.1	4.2/18.4	03292
2005 GL ₈₁	2007 10 15.3	01 19.56 -03 40.5 19.6	-0.74 - 6.1	3.6/11.4	26743
2005 ED ₉₂	2007 10 15.3	01 19.57 +12 51.5 20.1	-1.00 - 1.5	1.4/16.5	26032
2002 GR ₇₁	2007 10 15.3	01 19.58 +04 12.1 20.6	-1.00 - 4.6	1.5/14.2	26618
2003 QO ₈₄	2007 10 15.3	01 19.60 +08 15.5 18.5	-0.89 - 4.3	0.1/15.3	26664
2002 PR ₁₈₁	2007 10 15.3	01 19.61 +22 36.1 21.2	-0.90 - 6.4	4.4/20.1	19583
2006 DB ₅₇	2007 10 15.3	01 19.63 -10 14.7 19.0	-0.89 -21.2	8.2/07.6	26753
2004 BV ₄₂	2007 10 15.3	01 19.64 +23 38.7 19.8	-0.83 - 2.8	4.0/20.1	26705
2000 SH ₂₄₆	2007 10 15.3	01 19.64 +00 31.9 18.7	-0.88 - 4.6	3.9/13.0	25810
2003 WW ₆₀	2007 10 15.3	01 19.68 +11 15.7 19.7	-0.87 - 5.7	1.1/16.3	26691
2002 TX ₃₇₁	2007 10 15.3	01 19.71 -17 05.1 21.5	-0.75 - 2.9	6.5/07.2	03457
2000 AN ₂₀₈	2007 10 15.3	01 19.72 -14 24.8 20.0	-0.89 - 2.7	7.2/08.5	26566
2001 SG ₂₀₆	2007 10 15.3	01 19.73 +08 15.7 19.4	-0.75 - 4.4	0.1/15.4	25835
2005 CP ₂₀	2007 10 15.3	01 19.74 +03 45.0 20.2	-0.94 - 5.0	1.6/14.0	26726
1997 HV ₁	2007 10 15.3	01 19.75 +09 00.4 19.4	-1.07 - 0.4	0.2/15.5	25786
2004 CP ₇₀	2007 10 15.4	01 19.67 -00 27.3 20.4	-0.75 - 4.8	2.5/12.6	14080
2004 CV ₅₀	2007 10 15.4	01 19.67 +07 44.6 22.5	-0.74 - 4.6	0.1/15.2	66332
2006 JH ₃₇	2007 10 15.4	01 19.71 -03 36.2 19.5	-0.91 - 2.4	4.5/12.1	26765

2001 SE ₈₈	2007 10 15.4	01 19.72 +13 16.9 19.8	-0.79 - 4.3	1.5/17.0	26598	2004 AT ₁₂	2007 10 15.6	01 20.41 -08 51.4 20.1	-0.78 - 3.7	5.2/10.2	26703
2003 UA ₁₈₈	2007 10 15.4	01 19.76 -06 58.0 18.8	-1.31 + 5.0	6.0/12.8	26684	2002 TE ₂₃₉	2007 10 15.6	01 20.41 +12 00.2 19.1	-0.90 - 2.0	1.3/16.6	25887
2002 JK ₁₄₆	2007 10 15.4	01 19.80 +15 53.5 20.6	-0.94 - 5.6	2.4/17.7	02105	2000 HF ₃₁	2007 10 15.6	01 20.43 -12 43.1 21.1	-0.75 - 3.2	4.9/09.0	04136
2004 BO ₂	2007 10 15.4	01 19.80 -00 57.1 20.5	-0.75 - 4.7	2.6/12.5	76372	2005 EW ₂₅₆	2007 10 15.6	01 20.44 +08 21.3 19.6	-0.80 - 7.1	0.0/15.6	26040
1999 KK ₂	2007 10 15.4	01 19.80 +08 27.9 20.1	-0.96 - 6.7	0.0/15.4	26556	2003 WW ₄₈	2007 10 15.6	01 20.46 +11 32.8 20.7	-0.86 - 7.1	1.0/16.6	26691
2005 ES ₆₁	2007 10 15.4	01 19.80 +04 46.7 19.9	-0.89 - 5.0	1.2/14.3	26732	2006 JA ₁₈	2007 10 15.6	01 20.48 -10 43.1 20.0	-1.06 + 0.7	6.9/11.0	01746
1999 JK ₃₉	2007 10 15.4	01 19.83 +06 54.6 20.8	-1.01 - 4.7	0.5/15.0	26556	2006 GK ₅₀	2007 10 15.6	01 20.49 +14 25.8 20.3	-0.84 - 7.4	1.8/17.6	26759
2005 EK ₂₄₅	2007 10 15.4	01 19.84 +07 47.9 20.3	-0.83 - 5.5	0.2/15.2	77850	1999 XY ₁₂	2007 10 15.6	01 20.50 -06 33.3 18.8	-0.86 - 5.7	5.9/10.7	26563
2003 WQ ₁₂₂	2007 10 15.4	01 19.85 +14 25.7 18.6	-0.87 - 2.7	2.9/17.0	26694	2003 UM ₂₇₄	2007 10 15.6	01 20.51 +14 54.4 19.2	-0.89 - 6.6	2.4/17.7	26687
2002 XK ₁₉	2007 10 15.4	01 19.86 +25 05.6 18.8	-0.79 - 6.9	5.6/21.4	26653	2003 UE ₂₄₇	2007 10 15.6	01 20.53 +00 17.6 18.9	-0.89 - 3.8	3.3/13.2	26686
1999 TP ₈₇	2007 10 15.4	01 19.86 +04 24.7 20.7	-0.86 - 5.8	1.3/14.2	26558	2005 AF ₄₅	2007 10 15.6	01 20.54 +00 31.7 18.8	-0.91 - 5.0	3.9/13.2	26722
2007 TH ₁₀	2007 10 15.4	01 19.87 +09 43.8 19.1	-0.94 - 2.7	0.5/15.8	26518	2001 QX ₂₈₄	2007 10 15.6	01 20.58 -03 06.7 19.3	-0.77 - 4.0	3.9/12.1	26595
2006 HJ ₃₅	2007 10 15.4	01 19.95 +06 09.9 20.5	-0.91 - 4.6	0.8/14.8	26761	2003 YE ₃₄	2007 10 15.6	01 20.65 +00 25.2 19.1	-0.80 - 7.6	3.2/12.9	26699
2002 VZ ₂	2007 10 15.4	01 19.97 +08 38.5 18.7	-0.69 - 7.6	0.1/15.5	25891	2007 TK ₁₀	2007 10 15.6	01 20.67 +08 57.7 18.2	-0.92 - 4.4	0.2/15.8	26518
2005 MS ₁₀	2007 10 15.4	01 19.97 +15 19.6 20.4	-0.73 - 6.0	1.8/17.8	89677	2003 YK ₁₄	2007 10 15.6	01 20.68 +29 01.9 19.2	-1.06 - 0.4	8.2/21.4	26698
2006 JG ₈₀	2007 10 15.4	01 20.03 -11 54.9 20.9	-0.85 - 3.6	6.4/09.4	24087	1998 VC ₄₁	2007 10 15.6	01 20.68 +11 27.5 19.4	-0.81 - 6.4	1.0/16.6	26554
2005 GP ₁₈₂	2007 10 15.4	01 20.04 +02 58.9 19.6	-0.87 - 1.6	1.8/14.0	26745	2002 EA ₆₆	2007 10 15.6	01 20.75 +09 00.7 20.8	-0.92 - 6.8	0.2/15.8	24352
2007 TP ₁₀	2007 10 15.4	01 20.05 +04 54.1 19.6	-1.00 - 3.0	1.6/14.5	26518	2003 VH ₁₁	2007 10 15.6	01 20.80 +14 37.2 19.0	-0.82 - 6.1	2.7/17.7	26689
1999 VM ₂₂₅	2007 10 15.4	01 20.07 -34 39.1 19.4	-1.56 +10.2	22.3/07.0	26562	2007 RH ₂₅₉	2007 10 15.6	01 20.81 +07 50.2 19.2	-0.71 - 7.9	0.2/15.5	26492
2002 QM ₉₂	2007 10 15.4	01 20.13 +16 01.9 20.1	-0.94 - 3.1	2.4/17.7	26632	2000 WP ₁₇₀	2007 10 15.6	01 20.82 +12 51.3 18.5	-0.86 - 4.1	2.2/17.0	25818
2007 RZ ₁₃₁	2007 10 15.5	01 20.04 +07 37.1 18.3	-0.93 - 2.6	0.4/15.3	26427	2003 SF ₁₆₉	2007 10 15.6	01 20.83 +02 44.5 19.0	-0.99 - 1.0	2.6/14.2	26670
1998 FW ₇₆	2007 10 15.5	01 20.05 +03 45.7 19.4	-1.00 - 3.4	1.7/14.2	26552	2006 HH ₃₀	2007 10 15.6	01 20.84 +15 19.4 20.0	-0.83 - 8.9	2.1/18.0	26761
2007 RN ₉₆	2007 10 15.5	01 20.07 -00 43.5 18.7	-0.75 -10.3	3.5/12.2	26406	2003 WW ₁₃₂	2007 10 15.7	01 20.78 +08 39.4 19.3	-0.87 - 5.9	0.1/15.7	26694
2002 PA ₁₀₃	2007 10 15.5	01 20.09 +35 30.2 20.8	-1.02 - 5.6	8.8/25.4	97608	2002 JQ ₂₀	2007 10 15.7	01 20.81 -04 23.7 19.5	-0.90 - 6.5	4.8/11.6	77596
2005 AS ₁₂	2007 10 15.5	01 20.10 +11 44.6 19.9	-0.99 - 5.5	1.3/16.5	26017	2007 TT ₁₄₄	2007 10 15.7	01 20.84 +05 36.2 19.4	-0.77 - 4.7	1.0/14.8	26542
2001 FF ₁₅₆	2007 10 15.5	01 20.13 +16 41.3 19.4	-1.00 - 2.7	2.9/17.8	26590	2005 JN ₆₄	2007 10 15.7	01 20.84 +26 22.8 19.9	-0.86 - 3.0	4.9/21.3	26746
2000 UC ₃₄	2007 10 15.5	01 20.14 +11 20.6 18.9	-0.84 - 7.9	1.4/16.5	26580	2004 BH ₁₂₄	2007 10 15.7	01 20.85 +04 04.2 19.6	-0.81 - 4.0	1.4/14.4	95170
2007 TX ₁₅₄	2007 10 15.5	01 20.15 +10 28.3 19.0	-0.95 - 7.8	0.9/16.2	26544	2004 EM ₃₀	2007 10 15.7	01 20.85 +15 51.8 19.7	-0.81 - 3.7	2.5/17.9	25995
2003 WP ₆₅	2007 10 15.5	01 20.18 +04 03.1 19.1	-0.84 - 4.2	2.0/14.2	26691	2003 YU ₉	2007 10 15.7	01 20.87 -01 00.4 19.5	-0.85 - 3.9	3.4/12.9	86190
1999 TJ ₁₆₆	2007 10 15.5	01 20.20 +16 53.1 18.8	-0.63 - 6.4	2.4/18.5	26558	2002 VH	2007 10 15.7	01 20.88 -05 29.1 18.3	-0.86 - 1.3	5.4/11.8	26648
2004 CW ₉₄	2007 10 15.5	01 20.20 +05 59.4 20.3	-0.70 - 5.3	0.6/14.7	26709	2003 YX ₁₆₀	2007 10 15.7	01 20.90 +00 29.2 20.4	-0.82 - 6.5	3.1/13.1	26703
2003 YP ₁₆₇	2007 10 15.5	01 20.22 -01 33.6 18.6	-1.08 + 1.4	4.2/13.2	25985	2007 SH ₅	2007 10 15.7	01 20.92 +00 52.0 18.7	-1.06 + 0.7	4.0/14.0	26504
2005 BQ ₂₃	2007 10 15.5	01 20.22 -14 46.7 19.8	-0.89 - 3.5	7.8/08.5	00914	2005 EJ ₁₀	2007 10 15.7	01 20.94 +10 22.4 20.0	-0.96 - 5.7	0.8/16.3	26729
2002 EY ₁₃₉	2007 10 15.5	01 20.23 +08 12.0 20.2	-0.97 - 5.2	0.1/15.5	26616	2007 SS ₃	2007 10 15.7	01 20.94 +06 11.6 18.1	-0.86 - 3.8	1.3/15.1	26501
2002 TF ₂₉₅	2007 10 15.5	01 20.27 +21 41.0 17.0	-1.06 + 1.9	5.4/18.7	26646	2007 RK ₉₈	2007 10 15.7	01 20.97 +00 11.8 19.1	-0.75 - 6.1	3.9/13.0	26407
2003 WS ₁₅₉	2007 10 15.5	01 20.28 -00 04.4 19.0	-0.87 - 3.9	3.6/13.0	25971	2003 YT ₃₈	2007 10 15.7	01 20.97 +10 15.8 19.5	-0.91 - 4.8	0.7/16.3	26699
2007 RW ₉₈	2007 10 15.5	01 20.29 -00 02.3 19.1	-0.94 - 4.6	3.5/13.0	26408	2005 GR ₄₅	2007 10 15.7	01 20.98 +04 47.4 20.5	-0.88 - 3.3	1.1/14.7	26742
2003 SL ₃₂₈	2007 10 15.5	01 20.30 +05 02.8 19.6	-0.88 - 6.2	1.2/14.5	26676	2003 QY ₇₃	2007 10 15.7	01 20.98 +22 53.3 19.4	-1.03 - 6.0	5.6/20.3	26663
2001 RK ₈₂	2007 10 15.5	01 20.31 +20 04.9 18.9	-0.76 - 5.5	3.7/19.4	26596	2002 TQ ₃₀	2007 10 15.7	01 21.01 +09 22.3 18.3	-0.90 - 1.0	0.4/16.0	26641
2000 QN ₂₁₀	2007 10 15.5	01 20.31 -00 31.8 19.1	-0.80 - 8.3	4.3/12.5	25803	2002 QY ₉₂	2007 10 15.7	01 21.04 +02 07.8 19.6	-0.85 - 4.2	2.1/13.8	26632
2002 TW ₁₇₁	2007 10 15.5	01 20.32 +20 39.4 18.9	-0.77 - 9.9	4.2/20.1	26644	2005 BU ₄	2007 10 15.7	01 21.04 +09 58.8 19.9	-0.99 - 5.0	0.5/16.2	26724
2003 SH ₃₀₇	2007 10 15.5	01 20.34 +33 45.9 18.8	-1.00 - 4.1	10.7/24.3	26675	2002 PX ₁₀	2007 10 15.7	01 21.07 +32 02.4 20.2	-1.01 - 3.5	7.2/23.3	87541
2003 QV ₇₃	2007 10 15.5	01 20.34 +09 11.0 20.1	-0.96 - 6.4	0.3/15.8	26663	2004 CQ ₇₆	2007 10 15.7	01 21.08 -01 44.9 20.8	-0.71 - 5.4	2.8/12.4	00707
2000 EC ₇₁	2007 10 15.5	01 20.34 +02 16.8 20.1	-0.80 - 6.1	2.2/13.6	26569	2002 JZ ₇₃	2007 10 15.7	01 21.11 -20 09.7 18.8	-0.94 - 0.4	11.2/07.9	26622
2002 PS ₁₈₂	2007 10 15.5	01 20.35 +00 30.3 19.3	-0.81 - 5.3	3.0/13.1	26630	2005 GL ₇₁	2007 10 15.7	01 21.17 +08 22.3 19.0	-0.80 - 3.3	0.1/15.7	26743
2007 RL ₁₁₈	2007 10 15.5	01 20.36 +08 47.6 19.7	-0.79 - 3.8	0.1/15.7	26419	2004 DZ ₄₉	2007 10 15.7	01 21.19 +21 52.1 19.8	-0.89 - 2.8	4.4/19.7	86330
2002 ER ₁₀₈	2007 10 15.5	01 20.36 +03 25.3 21.2	-0.93 - 6.2	1.8/14.0	26615	2001 XT ₁₃₆	2007 10 15.7	01 21.19 +09 01.6 19.8	-1.01 - 6.3	0.2/15.9	26605
2001 RG ₁₃	2007 10 15.5	01 20.43 +02 19.7 19.8	-0.71 - 7.7	2.0/13.5	26595	2000 SE ₁₅₈	2007 10 15.7	01 21.21 +08 35.7 19.1	-0.83 -10.2	0.0/15.8	25808
2005 BU ₂₂	2007 10 15.5	01 20.45 +02 04.8 20.4	-0.94 - 5.5	2.3/13.7	26724	2004 BN ₁₄₂	2007 10 15.7	01 21.21 +05 01.0 20.5	-0.73 - 4.3	0.9/14.7	26707
2006 GK ₄₀	2007 10 15.5	01 20.45 -00 30.3 20.4	-1.10 - 1.2	3.3/13.4	26759	2005 ER ₈	2007 10 15.7	01 21.22 +03 59.1 20.5	-0.93 - 6.0	1.9/14.4	26027
2006 EX ₆₅	2007 10 15.5	01 20.50 +09 27.7 20.0	-1.01 - 5.9	0.4/15.9	26756	1995 QE ₁	2007 10 15.7	01 21.22 +03 24.2 20.1	-0.72 - 5.5	1.6/14.1	26549

2004 CT ₅₇	2007 10 15.8	01 21.16 -05 16.9 20.0	-0.79 - 2.5	3.7/11.7	86276
2003 WU ₁₁₀	2007 10 15.8	01 21.17 +10 31.7 19.1	-0.93 - 3.4	0.8/16.4	26693
2003 SE ₂₀₉	2007 10 15.8	01 21.19 +09 41.8 18.2	-0.86 - 7.6	0.5/16.2	26672
2002 CK ₁₆₇	2007 10 15.8	01 21.22 +02 28.6 19.9	-0.97 - 4.7	2.0/14.1	26611
2002 VC ₁₃₂	2007 10 15.8	01 21.25 +06 01.0 19.4	-0.82 - 3.7	0.9/15.1	26652
2005 CK ₆₈	2007 10 15.8	01 21.25 +05 50.9 19.5	-0.94 - 6.3	1.1/15.0	26728
2002 OK ₆	2007 10 15.8	01 21.30 +13 01.1 18.5	-0.75 - 8.8	1.8/17.4	26626
2006 JB ₅₆	2007 10 15.8	01 21.35 -14 13.3 20.5	-0.87 - 4.1	7.6/08.8	11171
2005 CQ ₆₇	2007 10 15.8	01 21.40 +21 17.3 20.3	-1.04 - 3.0	4.4/19.4	26728
2005 EE ₁₆₁	2007 10 15.8	01 21.41 +08 36.5 20.7	-0.96 - 3.9	0.0/15.9	26736
2000 RO ₁₆	2007 10 15.8	01 21.43 +11 22.9 19.2	-0.91 - 9.9	1.2/17.0	26574
2003 UD ₂₀₇	2007 10 15.8	01 21.43 +17 44.9 19.4	-1.07 - 2.1	3.3/18.3	26685
2002 QB ₁₀₀	2007 10 15.8	01 21.50 +12 33.6 20.3	-0.92 - 3.3	1.3/17.0	26633
2005 EO ₁₃	2007 10 15.8	01 21.56 +03 12.1 20.6	-0.74 - 4.5	1.4/14.2	26729
2006 KD ₁₃	2007 10 15.8	01 21.57 -08 11.6 19.8	-0.83 - 6.6	5.8/10.5	26767
2005 AH ₄	2007 10 15.8	01 21.60 +04 24.4 20.6	-0.92 - 4.0	1.3/14.7	26720
2003 WQ ₇₂	2007 10 15.9	01 21.53 +03 59.8 18.8	-0.89 + 1.4	2.4/14.8	26692
2003 UM ₂₆₇	2007 10 15.9	01 21.56 -12 53.1 19.3	-1.12 + 2.1	7.7/11.0	26687
2005 GR ₂₁₄	2007 10 15.9	01 21.62 -05 25.3 19.6	-0.68 - 9.0	3.9/10.8	26745
2002 EP ₁₄₅	2007 10 15.9	01 21.62 +10 13.6 19.4	-1.02 - 4.5	0.6/16.4	72575
2007 TA ₁₃	2007 10 15.9	01 21.64 +04 35.1 19.4	-0.72 - 5.8	1.3/14.6	26522
2003 AL ₂₃	2007 10 15.9	01 21.65 +20 28.6 19.1	-0.75 - 7.0	3.8/20.0	26656
2003 UT ₂₈₃	2007 10 15.9	01 21.67 +03 52.2 19.2	-1.00 + 0.4	2.1/14.8	26688
2002 QA ₁₄	2007 10 15.9	01 21.69 +28 27.1 20.7	-0.93 - 5.3	6.4/22.6	50626
1999 VT ₉₅	2007 10 15.9	01 21.78 +04 22.7 18.3	-1.01 - 1.9	1.5/14.8	26561
2006 HP ₁₁₇	2007 10 15.9	01 21.79 -02 01.6 20.1	-0.95 - 4.5	4.0/12.9	01727
2002 NO ₃	2007 10 15.9	01 21.86 +23 25.0 19.5	-0.95 - 4.2	5.5/20.6	26625
2002 GC ₁₈₂	2007 10 15.9	01 21.91 +10 06.8 19.6	-1.06 - 3.4	0.6/16.4	08255
2002 QK ₁₂₁	2007 10 15.9	01 21.92 +15 17.8 19.2	-0.86 - 5.0	2.5/18.1	25870
2002 QW ₈₄	2007 10 15.9	01 21.93 +13 04.4 19.3	-0.82 - 6.8	1.6/17.4	26632
2006 HV ₇₅	2007 10 15.9	01 21.93 -04 49.5 20.5	-0.86 - 5.2	4.5/11.9	01693
2002 QB ₈₆	2007 10 15.9	01 21.94 -02 46.7 20.0	-0.79 - 7.0	3.9/12.3	03364
2006 HF ₁₅	2007 10 15.9	01 21.95 +08 38.1 19.8	-0.96 - 8.0	0.0/16.0	26154
2004 XM ₅₇	2007 10 15.9	01 21.98 -03 22.2 20.4	-0.97 - 4.8	4.8/12.4	86598
2005 AX ₅₃	2007 10 16.0	01 21.94 +09 17.8 19.3	-0.98 - 6.7	0.3/16.2	26723
2003 XO ₃	2007 10 16.0	01 21.96 +23 16.0 18.5	-0.77 -11.2	5.9/21.5	58080
2004 YP ₄	2007 10 16.0	01 21.96 +17 59.9 18.2	-0.97 - 5.1	4.7/18.9	26720
2002 EW ₂	2007 10 16.0	01 21.99 +12 10.8 20.0	-1.00 - 4.2	1.2/17.0	26613
2005 AS ₃₂	2007 10 16.0	01 21.99 +05 44.5 19.4	-0.96 - 6.7	1.1/15.1	26722
2005 ER ₁₃₃	2007 10 16.0	01 22.03 +38 04.7 19.0	-2.08 +19.6	16.7/15.8	77836
2006 GF ₂	2007 10 16.0	01 22.06 +13 47.3 19.3	-1.12 - 3.4	2.2/17.4	26148
2006 KD ₆₀	2007 10 16.0	01 22.07 -00 53.1 19.1	-0.85 - 7.6	4.0/12.9	26768
2003 UX ₉₇	2007 10 16.0	01 22.07 +10 29.1 19.1	-0.70 -15.1	0.8/17.0	25940
2005 JD ₁₆	2007 10 16.0	01 22.08 -02 02.9 20.3	-0.79 - 2.9	2.9/12.9	77880
2003 QE ₁₉	2007 10 16.0	01 22.09 +06 28.1 18.4	-0.88 - 3.5	1.1/15.4	26661
2005 EJ ₂₈₈	2007 10 16.0	01 22.10 +14 00.9 20.0	-0.87 - 4.3	1.7/17.7	26740
2001 SN ₂₃₆	2007 10 16.0	01 22.11 +03 06.7 19.7	-0.67 - 7.7	1.8/14.1	25836
2003 YU ₁₄₇	2007 10 16.0	01 22.15 +03 26.5 18.6	-1.05 + 0.4	2.1/14.8	26702
2003 YL ₃	2007 10 16.0	01 22.18 +03 31.7 19.5	-1.08 0.0	1.9/14.8	26698
2001 FZ ₈₇	2007 10 16.0	01 22.19 +00 38.6 20.9	-0.88 - 4.1	2.5/13.7	24327
2006 EP ₅₆	2007 10 16.0	01 22.21 +04 43.0 19.5	-0.94 - 9.7	1.7/14.8	26756

2002 NM ₄₁	2007 10 16.0	01 22.23 +30 19.3 20.7	-1.05 - 3.2	6.8/22.8	77608
2005 BE ₄	2007 10 16.0	01 22.25 +05 24.3 19.7	-0.88 - 6.1	1.1/15.1	26724
2007 SR ₆	2007 10 16.0	01 22.29 +15 32.4 18.9	-0.98 - 3.7	2.9/18.1	26506
2002 CF ₁₅₆	2007 10 16.1	01 22.29 -02 42.1 19.5	-1.01 - 4.9	4.3/12.8	00170
2000 EE ₁₈₆	2007 10 16.1	01 22.36 +17 27.6 20.4	-0.88 - 4.0	2.7/18.8	74754
2001 SN ₂₉₀	2007 10 16.1	01 22.37 +31 00.4 18.0	-0.62 -10.4	8.9/25.6	10802
2002 GO ₇₂	2007 10 16.1	01 22.37 +02 54.8 20.2	-0.91 - 5.9	1.9/14.4	00234
2002 BF ₂₂	2007 10 16.1	01 22.40 +15 53.4 19.4	-1.09 - 3.6	2.6/18.1	26608
2004 FM ₂₄	2007 10 16.1	01 22.41 +29 27.9 20.3	-0.70 - 2.3	4.0/23.0	11043
2006 FG ₁	2007 10 16.1	01 22.44 +05 16.1 21.1	-1.00 - 7.8	1.4/15.1	26756
2007 SS ₅	2007 10 16.1	01 22.45 +06 25.1 19.0	-0.73 - 8.1	0.8/15.4	26505
2002 JT ₁₃₄	2007 10 16.1	01 22.46 +05 48.5 20.0	-0.99 - 3.5	1.0/15.3	26623
2003 UO ₂₅₆	2007 10 16.1	01 22.47 +00 30.1 19.8	-0.93 - 4.4	3.2/13.7	26686
2000 QA ₉₇	2007 10 16.1	01 22.48 +11 44.0 17.6	-1.08 + 0.9	1.6/17.0	26573
2003 SK ₁₁₄	2007 10 16.1	01 22.48 +13 20.5 19.7	-0.96 - 4.9	1.9/17.5	25926
2002 XE ₄₂	2007 10 16.1	01 22.49 +32 36.6 19.7	-0.87 - 3.7	6.5/24.0	26653
2002 XL ₁₇	2007 10 16.1	01 22.49 +20 16.3 19.6	-0.88 - 2.9	3.8/19.5	69420
2006 HV ₅₁	2007 10 16.1	01 22.49 +13 50.6 20.5	-1.08 - 3.8	1.9/17.6	26762
2003 WH ₆₆	2007 10 16.1	01 22.50 +20 08.3 19.3	-0.99 - 4.0	4.5/19.4	26691
2007 RT ₉₈	2007 10 16.1	01 22.51 +00 19.6 19.0	-0.73 - 5.4	2.9/13.4	26408
2004 CV ₅₈	2007 10 16.1	01 22.52 -07 31.6 20.0	-0.77 - 4.1	4.9/11.0	26708
2007 RO ₁₄₅	2007 10 16.1	01 22.53 +09 04.3 17.0	-0.58 -11.3	0.2/16.3	26443
1991 VU ₁₁	2007 10 16.1	01 22.56 +04 01.1 19.3	-0.78 - 4.8	1.7/14.7	26548
2006 JV ₂₇	2007 10 16.1	01 22.56 +01 26.1 18.6	-0.95 - 3.0	3.3/14.2	26765
2002 PZ ₁₀₉	2007 10 16.1	01 22.58 +34 59.0 19.0	-1.16 + 0.5	10.1/23.5	26628
2006 HE ₄₈	2007 10 16.1	01 22.58 +03 14.9 20.7	-0.96 - 6.5	2.0/14.5	01668
2002 TY ₁₉₀	2007 10 16.1	01 22.64 +33 22.3 17.8	-0.84 - 6.6	8.6/25.4	26644
2002 GG ₁₇₁	2007 10 16.2	01 22.65 +08 40.4 19.3	-0.90 - 8.3	0.0/16.2	26620
2003 ST ₃₂₆	2007 10 16.2	01 22.67 +06 38.8 20.2	-0.86 - 8.3	0.7/15.5	26676
1999 TV ₃₁₈	2007 10 16.2	01 22.68 +08 00.6 20.4	-0.90 - 5.8	0.3/16.0	26559
2002 GR ₈₆	2007 10 16.2	01 22.70 -01 50.5 19.5	-0.97 - 5.2	4.0/13.1	26618
2002 EG ₁₄₅	2007 10 16.2	01 22.70 +11 21.3 20.8	-0.97 - 5.6	0.9/17.0	94712
2005 GE ₃₇	2007 10 16.2	01 22.70 -13 15.7 19.9	-0.69 - 5.3	5.6/08.7	26742
2001 BU ₄	2007 10 16.2	01 22.71 +04 49.2 20.4	-0.91 - 4.3	1.2/15.1	26586
2005 EG ₁₆₂	2007 10 16.2	01 22.72 +19 01.7 21.4	-0.89 - 3.9	2.8/19.3	76926
2006 HQ ₈₁	2007 10 16.2	01 22.76 +10 02.3 20.7	-0.93 - 5.1	0.5/16.6	24082
2003 WX ₁₄₇	2007 10 16.2	01 22.78 +10 43.5 19.7	-0.82 - 9.1	0.7/16.9	26695
2002 PF ₃₉	2007 10 16.2	01 22.80 -13 27.1 19.1	-0.72 - 8.0	8.3/08.1	26627
2002 JO ₈₆	2007 10 16.2	01 22.83 +11 47.2 19.9	-0.90 - 7.2	1.1/17.2	26622
2005 EW ₂₄₁	2007 10 16.2	01 22.85 -10 20.1 20.0	-0.85 - 5.4	6.3/10.1	21591
2003 WF ₆₉	2007 10 16.2	01 22.85 -12 08.5 20.1	-0.99 + 0.8	8.5/11.0	08798
2005 EP ₁₃₉	2007 10 16.2	01 22.85 +05 04.0 20.9	-0.73 - 4.6	1.0/15.1	26735
1999 VM ₁₀₁	2007 10 16.2	01 22.87 +03 47.3 20.1	-0.93 - 3.7	2.1/14.8	26561
2005 EM ₇₃	2007 10 16.2	01 22.92 +06 46.0 20.7	-0.96 - 6.7	0.8/15.7	26732
1998 GS ₈	2007 10 16.2	01 22.94 -15 05.6 19.6	-0.94 - 0.5	6.4/09.4	24287
2003 NY ₃	2007 10 16.2	01 22.95 +19 36.8 20.0	-1.02 - 5.8	4.2/19.6	26659
2007 RY ₁₄₁	2007 10 16.2	01 23.03 +05 38.2 17.8	-0.71 -13.0	1.3/15.1	26439
2000 EV ₁₈₁	2007 10 16.2	01 23.03 +05 30.1 19.3	-0.96 - 2.3	1.1/15.4	26569
2005 FS ₆	2007 10 16.2	01 23.03 -08 53.8 20.2	-0.92 - 1.7	5.6/11.3	77028
2005 EU ₂₈	2007 10 16.2	01 23.08 +12 04.8 19.7	-1.04 - 1.4	1.2/17.0	26730
2002 RE ₁₇₄	2007 10 16.3	01 23.02 +12 21.2 19.0	-0.83 - 5.8	1.2/17.4	26637

2002 XJ ₅₃	2007 10 16.3	01 23.03 -05 55.7 19.5	-0.81 - 2.5	5.1/12.0	75817
2002 PV ₁₇₇	2007 10 16.3	01 23.03 +04 48.3 20.3	-0.86 - 4.5	1.4/15.1	26630
2003 WM ₁₆₁	2007 10 16.3	01 23.04 +02 44.1 20.8	-0.83 - 4.2	1.7/14.5	77752
2001 RH ₁₂₃	2007 10 16.3	01 23.09 +16 43.0 19.8	-0.85 - 2.5	2.2/18.6	26597
2003 QE ₁₂	2007 10 16.3	01 23.11 -03 02.9 19.0	-0.74 - 8.7	5.5/12.2	26661
2007 RL ₁₆	2007 10 16.3	01 23.12 +06 10.9 18.0	-1.05 + 0.5	1.3/15.7	26356
2003 SU ₃₂₄	2007 10 16.3	01 23.16 +14 37.0 20.3	-1.05 - 3.1	2.4/17.9	25932
2001 FT ₁₃₅	2007 10 16.3	01 23.17 +22 04.6 20.3	-0.93 - 4.9	4.4/20.5	23832
2005 JX ₂₂	2007 10 16.3	01 23.18 +08 07.8 19.2	-0.76 - 9.8	0.2/16.1	26746
2004 BV ₂₉	2007 10 16.3	01 23.20 +18 19.2 20.4	-0.77 - 3.4	2.4/19.3	26704
1991 TM ₁₁	2007 10 16.3	01 23.22 +07 37.0 19.2	-0.98 - 3.2	0.5/16.0	26548
2005 CJ ₂₀	2007 10 16.3	01 23.32 +03 01.2 19.7	-0.95 - 5.8	2.1/14.6	26726
2001 ST ₂₈₃	2007 10 16.3	01 23.36 -04 34.1 19.6	-0.70 - 6.8	4.4/11.8	26600
2005 EY ₂₄₃	2007 10 16.3	01 23.37 +15 56.0 20.8	-0.97 - 2.2	2.1/18.3	77850
2005 BU ₂₆	2007 10 16.3	01 23.38 -07 59.2 20.3	-0.79 - 6.3	5.0/10.9	26725
2001 QZ ₂₅	2007 10 16.3	01 23.42 +15 25.6 18.0	-0.91 - 0.4	2.6/18.2	26593
1998 KC	2007 10 16.3	01 23.42 -21 11.4 20.5	-1.07 - 0.9	9.0/07.9	71967
2005 JV ₂₀	2007 10 16.3	01 23.44 -02 48.5 20.8	-0.71 - 6.4	3.1/12.5	11098
1999 VY ₉₉	2007 10 16.3	01 23.46 +07 31.3 19.1	-0.85 - 4.5	0.6/16.0	26561
2002 CS ₂₁₂	2007 10 16.3	01 23.47 +15 02.3 19.2	-1.03 - 4.9	2.4/18.2	26611
2002 NU ₅	2007 10 16.4	01 23.43 +03 34.0 19.2	-0.83 - 5.5	2.0/14.8	26625
2003 US ₂₆₄	2007 10 16.4	01 23.43 -06 04.3 19.4	-0.92 - 3.4	5.5/12.0	58036
2001 VU ₅₈	2007 10 16.4	01 23.43 +15 41.4 18.7	-1.12 - 3.6	3.3/18.3	26604
2002 VS ₈	2007 10 16.4	01 23.48 +21 21.8 20.1	-0.81 - 6.0	4.1/20.6	26649
2007 SM ₁₇	2007 10 16.4	01 23.50 +00 25.9 18.0	-1.01 - 0.6	3.9/14.4	26512
2005 EY ₉₆	2007 10 16.4	01 23.53 +15 48.3 20.6	-0.87 - 6.8	2.2/18.7	26733
2006 HL ₃	2007 10 16.4	01 23.54 +00 55.0 19.8	-0.95 - 4.2	3.2/14.2	26760
2004 CU ₉₈	2007 10 16.4	01 23.54 -08 42.1 20.1	-0.71 - 7.4	4.9/10.2	26709
2002 GR ₄₄	2007 10 16.4	01 23.55 +14 42.0 19.2	-0.97 - 6.9	2.2/18.3	26617
2000 SQ ₃₇₆	2007 10 16.4	01 23.55 +01 58.2 19.8	-0.91 - 7.7	2.9/14.3	26579
2003 YW ₃₅	2007 10 16.4	01 23.57 +02 48.1 19.3	-0.87 - 3.3	2.0/14.7	26699
2002 TK ₃₀₆	2007 10 16.4	01 23.61 -00 34.0 20.2	-0.86 - 2.4	3.1/13.8	26646
1999 VK ₁₉₁	2007 10 16.4	01 23.62 +12 20.7 20.7	-0.89 - 6.8	1.2/17.6	26562
2002 JG ₂₇	2007 10 16.4	01 23.62 +08 50.3 20.3	-0.88 - 8.1	0.0/16.5	26621
2003 WZ ₈₅	2007 10 16.4	01 23.65 -11 18.2 18.3	-1.03 + 0.9	8.8/11.1	62453
2006 JN ₁₉	2007 10 16.4	01 23.65 +00 59.0 19.6	-0.95 - 4.5	3.5/14.2	26765
2005 XH ₁₁₀	2007 10 16.4	01 23.67 +11 34.2 19.1	-1.04 - 5.0	1.2/17.3	26110
1995 MJ ₂	2007 10 16.4	01 23.70 +17 28.9 20.3	-0.75 - 5.5	2.3/19.3	26549
2005 CY ₂₂	2007 10 16.4	01 23.72 +06 45.6 19.4	-1.00 - 3.9	0.8/15.9	26726
2006 EX ₄₁	2007 10 16.4	01 23.72 +37 50.9 21.2	-1.30 - 1.2	8.3/25.3	02306
2005 ER ₁₉₁	2007 10 16.4	01 23.75 +04 00.4 20.4	-0.88 - 4.7	1.6/15.0	26737
2005 EY ₂₅₇	2007 10 16.4	01 23.82 +09 53.2 19.8	-0.77 - 5.8	0.3/16.8	26739
2003 RX ₁₉	2007 10 16.4	01 23.82 +07 15.5 19.5	-0.91 - 6.2	0.6/16.0	26665
2003 UM ₁₄₃	2007 10 16.4	01 23.84 +08 35.0 18.3	-1.08 + 1.5	0.1/16.4	26682
2001 HB ₅₇	2007 10 16.4	01 23.90 -14 20.1 19.7	-1.62 + 6.4	11.1/13.0	40136
2006 KV ₉₉	2007 10 16.5	01 23.76 +12 11.7 19.7	-0.82 - 7.8	1.1/17.6	26769
2005 EM	2007 10 16.5	01 23.77 +00 13.2 19.3	-0.87 - 7.4	3.3/13.7	26729
2002 QS ₁₀₈	2007 10 16.5	01 23.77 +13 42.5 19.8	-0.83 - 6.5	1.7/18.1	26633
2003 UW ₂₀₄	2007 10 16.5	01 23.86 +11 07.7 20.1	-0.97 - 4.5	0.8/17.2	26685
2007 RC ₂₄₄	2007 10 16.5	01 23.88 +05 15.4 18.6	-0.93 - 2.0	1.8/15.6	26488
2005 CG ₂₂	2007 10 16.5	01 23.91 +03 45.8 20.2	-0.83 - 4.1	1.4/15.0	26726

2001 XX ₂₂₄	2007 10 16.5	01 23.92 +16 59.3 18.8	-1.06 - 6.0	3.6/19.0	26605
1174 T-3	2007 10 16.5	01 23.92 +20 28.7 18.4	-0.78 - 5.8	4.7/20.4	26834
2003 WN ₆₀	2007 10 16.5	01 23.94 +19 18.7 19.4	-0.82 - 8.0	4.1/20.1	58057
2003 QJ ₃₅	2007 10 16.5	01 23.96 +10 08.2 19.0	-0.93 - 4.9	11.3/06.0	25912
2003 SH ₁₆₈	2007 10 16.5	01 23.96 +10 15.5 19.2	-0.96 - 6.7	0.6/17.0	26670
2003 ST ₁₀₈	2007 10 16.5	01 23.98 +11 44.2 19.3	-0.92 - 5.6	1.0/17.4	26669
2002 QX ₆₂	2007 10 16.5	01 23.99 +12 30.8 20.0	-0.89 - 5.0	1.3/17.7	26631
2005 GN ₆₄	2007 10 16.5	01 24.04 -05 25.2 20.0	-0.97 - 2.2	4.8/12.6	26742
2005 EX ₂₀₅	2007 10 16.5	01 24.06 +02 17.0 20.7	-0.72 - 5.8	1.8/14.4	26737
2005 EA ₂₁₇	2007 10 16.5	01 24.07 +09 25.2 20.9	-0.89 - 2.7	0.2/16.7	77847
2004 FT ₁₄₇	2007 10 16.5	01 24.08 +19 38.8 19.4	-0.74 - 9.7	2.9/20.5	65678
2002 TZ ₁₅₄	2007 10 16.5	01 24.10 +15 24.0 19.4	-0.80 - 7.2	2.3/18.8	26643
2004 UX ₅	2007 10 16.5	01 24.13 -04 59.8 19.4	-1.69 + 6.8	6.8/14.5	26007
1998 QL ₅₆	2007 10 16.5	01 24.20 +11 56.2 18.9	-0.89 - 4.1	1.2/17.5	26553
2006 HB ₁₂₂	2007 10 16.6	01 24.18 -13 21.6 19.0	-0.75 - 6.7	8.8/08.8	26764
2007 TR ₁₄₇	2007 10 16.6	01 24.19 +02 39.7 19.4	-0.86 - 3.8	2.6/14.8	26543
2001 SZ ₁₇₀	2007 10 16.6	01 24.23 +06 29.7 20.6	-0.74 - 4.9	0.6/15.9	26599
2000 DC ₄₉	2007 10 16.6	01 24.27 +26 23.3 19.4	-1.08 - 0.1	7.1/21.2	26568
2003 YH ₁₄₃	2007 10 16.6	01 24.28 +30 05.4 19.3	-1.02 - 2.5	7.3/22.9	58112
2002 TG ₂₄₈	2007 10 16.6	01 24.30 +04 36.0 19.8	-0.79 - 5.3	1.5/15.3	26645
2002 VE ₁₁₀	2007 10 16.6	01 24.31 +06 16.8 19.3	-0.81 - 4.3	0.8/15.9	26651
2004 QK ₉	2007 10 16.6	01 24.33 +25 34.1 18.8	-1.78 + 7.0	8.7/19.2	26714
2001 QT ₁₉₀	2007 10 16.6	01 24.35 +17 50.8 19.1	-0.71 - 9.1	2.7/19.9	26594
2002 QU ₁₆	2007 10 16.6	01 24.35 +11 12.5 20.1	-0.81 - 7.7	0.8/17.4	26630
2003 QB ₉₉	2007 10 16.6	01 24.37 +04 32.2 20.6	-0.95 - 6.1	1.6/15.4	26664
2004 CB ₁₂₉	2007 10 16.6	01 24.39 -06 00.1 20.4	-0.70 - 5.7	4.3/11.7	24441
2000 QY ₁₂₁	2007 10 16.6	01 24.41 +16 28.3 18.3	-0.98 - 8.2	3.1/19.1	26573
2001 QF ₂₆₈	2007 10 16.6	01 24.47 +14 18.9 18.9	-0.77 - 5.2	1.8/18.4	26595
2005 CR ₆₀	2007 10 16.6	01 24.48 +27 17.0 20.1	-1.07 - 2.7	6.6/22.1	26728
2003 YZ ₇₇	2007 10 16.6	01 24.49 +30 25.1 19.6	-0.92 - 4.7	7.9/23.8	26700
2005 ED ₁₅₅	2007 10 16.6	01 24.49 +10 09.5 19.0	-0.90 - 3.1	0.5/17.0	26035
2005 EZ ₅₃	2007 10 16.6	01 24.53 -06 07.6 20.0	-0.77 - 9.1	5.2/11.4	26731
2005 ER ₂₇₇	2007 10 16.7	01 24.52 +03 05.6 19.7	-1.03 - 1.3	2.0/15.2	26739
2003 QE ₃₇	2007 10 16.7	01 24.56 +13 56.9 18.6	-1.06 - 1.5	2.2/18.0	25913
2002 EO ₉₄	2007 10 16.7	01 24.60 +09 41.6 20.8	-0.99 - 4.8	8.9/06.0	26615
2000 AV ₃₁	2007 10 16.7	01 24.60 +29 17.9 19.7	-1.02 - 3.1	6.6/22.7	26565
2002 QK ₇	2007 10 16.7	01 24.63 -03 46.4 18.9	-0.83 - 4.1	4.8/12.9	26630
2003 UW ₁₉₆	2007 10 16.7	01 24.64 +06 01.5 19.4	-0.88 - 6.1	1.1/15.8	26684
2000 DL ₆₇	2007 10 16.7	01 24.66 +25 00.4 18.8	-1.08 - 0.6	6.4/20.8	26568
2003 HM ₅₅	2007 10 16.7	01 24.68 -01 54.3 20.2	-1.10 - 2.2	4.7/14.0	03505
2002 VN ₁₃	2007 10 16.7	01 24.68 +19 28.4 19.7	-0.75 - 8.2	3.3/20.4	13975
2004 BQ ₄₄	2007 10 16.7	01 24.70 -02 00.2 18.7	-0.75 - 9.1	4.2/12.8	26705
2002 HS ₁₁	2007 10 16.7	01 24.74 -13 33.1 19.5	-0.81 -10.9	7.1/08.6	26620
2003 OK ₂₇	2007 10 16.7	01 24.81 +11 08.2 19.9	-1.00 - 6.3	0.8/17.4	26660
1999 YK ₃	2007 10 16.7	01 24.82 +01 59.7 19.6	-1.13 + 0.4	2.2/15.2	26565
2006 JE ₅₉	2007 10 16.7	01 24.85 +08 09.2 20.9	-0.95 - 6.1	0.3/16.5	26766
2005 GL ₁₆₇	2007 10 16.7	01 24.87 +04 54.3 20.8	-0.75 - 3.4	1.0/15.6	26745
2002 LK ₁₇	2007 10 16.7	01 24.87 -11 11.3 19.8	-1.01 - 0.2	7.4/11.8	26624
2002 TX ₂₆₂	2007 10 16.7	01 24.90 +04 17.0 19.2	-0.79 - 4.9	1.5/15.4	26646
2002 FV ₃₅	2007 10 16.7	01 24.91 -16 22.1 19.6	-0.97 - 3.1	9.1/09.2	00223
2006 HL ₃₀	2007 10 16.7	01 24.93 +00 07.6 21.2	-0.90 - 7.2	3.0/14.0	01645

2003 UM ₁₄₅	2007 10 16.7	01 24.93 -00 14.2 18.9	-0.91 + 0.6	4.6/14.5	26682
2004 BJ ₇₁	2007 10 16.8	01 24.93 +10 32.5 19.8	-0.87 - 4.2	0.6/17.0	26706
2004 CM ₃₀	2007 10 16.8	01 24.94 +07 53.4 20.8	-0.79 - 5.3	0.3/16.5	25991
2004 EW ₁₁	2007 10 16.8	01 25.01 +21 08.8 19.9	-0.81 - 3.5	3.4/20.6	26711
2001 DP ₆₀	2007 10 16.8	01 25.01 +17 08.3 20.1	-0.99 - 4.8	3.0/19.2	26588
2005 EQ ₄₄	2007 10 16.8	01 25.06 +10 36.2 19.8	-0.87 - 4.5	0.6/17.3	26731
1999 JU ₆₁	2007 10 16.8	01 25.08 +17 31.1 18.6	-1.00 -10.6	3.5/19.8	26556
2002 CA ₃₅	2007 10 16.8	01 25.09 -03 22.4 17.5	-1.03 + 1.8	6.6/14.0	26609
2002 RP ₂₄₃	2007 10 16.8	01 25.10 +19 50.2 20.3	-0.84 - 7.2	3.9/20.5	25877
2000 DB ₅	2007 10 16.8	01 25.14 -10 05.4 19.5	-0.77 - 4.9	5.5/10.8	26568
2002 LB ₆₂	2007 10 16.8	01 25.17 +14 41.8 19.8	-0.90 - 6.2	2.0/18.7	26624
2006 DT ₂₁₄	2007 10 16.8	01 25.20 +08 08.9 22.3	-0.97 - 6.9	0.3/16.6	09532
2003 YY ₁₂₇	2007 10 16.8	01 25.23 -04 38.0 19.4	-0.81 - 2.7	3.9/12.9	87603
2002 YY ₁	2007 10 16.8	01 25.23 -05 41.8 18.3	-1.81 +11.4	8.0/15.4	26655
2000 CU ₁₀₉	2007 10 16.8	01 25.25 +08 37.0 20.7	-0.83 - 5.1	0.1/16.8	26568
2003 WK ₁₇₈	2007 10 16.8	01 25.30 +09 28.0 20.4	-0.87 - 7.2	9.3/06.0	26696
2005 GH ₆₅	2007 10 16.8	01 25.31 +08 51.2 19.3	-0.84 - 2.2	7.3/06.0	26743
2007 OM ₄	2007 10 16.8	01 25.43 -01 34.4 17.1	-1.81 +15.1	5.1/17.0	26776
2000 SN ₂₃₉	2007 10 16.9	01 25.29 +06 44.5 19.0	-0.95 - 7.0	0.9/16.2	26578
2003 WJ ₁₄₈	2007 10 16.9	01 25.30 +21 36.1 19.6	-0.94 - 5.8	4.5/20.8	26695
2004 CN ₅₇	2007 10 16.9	01 25.34 -10 26.5 19.8	-0.81 - 3.2	6.1/10.9	26708
2002 MJ	2007 10 16.9	01 25.36 -17 21.4 19.6	-0.85 - 3.7	9.0/08.6	26624
2007 TJ ₁₁₃	2007 10 16.9	01 25.36 +00 54.3 18.4	-1.26 + 9.5	4.4/15.9	26541
2001 QY ₁₈₉	2007 10 16.9	01 25.42 +02 37.4 20.7	-0.75 -10.2	1.8/14.7	24332
1998 SL ₉₀	2007 10 16.9	01 25.43 -04 45.4 19.2	-0.79 - 7.7	4.9/12.4	26554
2005 ER ₉₃	2007 10 16.9	01 25.44 -12 18.4 20.3	-0.72 - 3.8	5.2/10.1	11084
2000 QH ₁₅₀	2007 10 16.9	01 25.45 +23 07.7 17.3	-0.99 - 1.6	7.2/20.9	26573
2001 FA ₁₄₈	2007 10 16.9	01 25.45 +15 32.3 20.0	-0.92 - 4.6	2.1/18.9	77527
1998 WN ₂₅	2007 10 16.9	01 25.47 +10 34.8 20.0	-0.82 - 5.8	0.5/17.5	26554
2000 GU ₈₄	2007 10 16.9	01 25.50 -08 35.4 20.3	-0.71 - 8.6	4.7/10.8	01998
2001 QP ₁₇₄	2007 10 16.9	01 25.56 +17 57.0 19.5	-0.74 - 7.0	2.9/20.0	25826
2004 CG ₁₇	2007 10 16.9	01 25.58 +18 35.7 19.6	-0.87 - 2.9	3.1/19.8	26708
2002 RU ₂₂₃	2007 10 16.9	01 25.59 +02 12.3 18.6	-0.90 - 1.9	2.5/15.1	25875
2006 KB ₂₀	2007 10 16.9	01 25.65 +22 34.9 20.7	-1.06 - 4.9	4.7/21.1	22819
2004 BR ₁₅₀	2007 10 16.9	01 25.66 +20 26.5 19.4	-0.79 - 5.7	3.3/20.8	26707
2001 XZ ₆₄	2007 10 16.9	01 25.70 +01 22.1 19.9	-1.00 - 6.2	2.8/14.7	26604
2000 SH ₂₄₉	2007 10 17.0	01 25.67 -03 27.3 18.3	-0.79 -10.0	5.6/12.6	26578
1996 EZ ₃	2007 10 17.0	01 25.69 +13 43.7 19.1	-0.94 - 2.8	1.7/18.3	26550
2002 CU ₁₂₅	2007 10 17.0	01 25.69 +21 39.2 20.0	-1.08 - 4.3	4.6/20.7	02075
2004 BC ₆	2007 10 17.0	01 25.78 -06 12.7 19.1	-0.81 - 6.1	5.7/12.0	62470
2002 VL ₁₁₆	2007 10 17.0	01 25.83 -06 50.3 19.2	-0.90 - 1.1	5.5/12.9	26651
2002 EC ₇	2007 10 17.0	01 25.83 +07 03.6 20.6	-0.91 - 6.7	0.8/16.4	26613
2002 PF ₃₄	2007 10 17.0	01 25.93 +20 56.2 19.2	-0.96 - 3.5	4.2/20.6	26627
2005 EC	2007 10 17.0	01 25.97 +11 10.9 18.7	-0.92 - 3.1	0.8/17.7	26026
2003 UC ₁₈₂	2007 10 17.0	01 26.02 +08 20.8 18.0	-0.68 - 8.7	0.3/16.8	25944
2005 GD ₁₇₉	2007 10 17.0	01 26.05 -01 50.5 20.6	-0.67 - 6.9	2.7/13.4	77168
2007 TR ₁₀	2007 10 17.1	01 26.02 +08 56.6 19.4	-0.87 - 6.0	0.0/17.1	26519
2002 TJ ₁₉₅	2007 10 17.1	01 26.03 +05 45.8 18.6	-1.00 + 1.0	1.2/16.3	25886
2003 WY ₅	2007 10 17.1	01 26.07 -08 16.9 19.5	-0.92 - 2.2	5.5/12.2	26689
2005 EV ₂₃₃	2007 10 17.1	01 26.08 +10 50.0 18.9	-1.22 + 2.3	0.7/17.5	26738
2006 HM ₅₁	2007 10 17.1	01 26.08 +14 35.0 20.0	-0.95 - 7.4	2.0/18.9	26762

2003 YN ₁₆₁	2007 10 17.1	01 26.09 +13 37.5 18.2	-1.01 0.0	2.0/18.3	26703
2004 CJ ₈₅	2007 10 17.1	01 26.12 +09 00.7 19.0	-0.82 - 3.8	0.0/17.1	26709
2001 RO ₁₅₃	2007 10 17.1	01 26.14 +25 34.5 19.6	-0.82 - 4.2	5.5/22.4	26597
2002 LE ₃₆	2007 10 17.1	01 26.14 +15 58.9 19.2	-0.88 - 8.0	2.4/19.4	26624
2002 RT ₁₆₁	2007 10 17.1	01 26.15 +13 47.3 19.3	-0.91 - 3.1	1.4/18.5	26637
1999 HO ₆	2007 10 17.1	01 26.15 -16 09.2 20.9	-0.73 - 3.5	6.1/08.8	87350
2000 YC ₅₆	2007 10 17.1	01 26.17 +21 07.8 18.5	-0.92 - 6.5	5.2/21.0	26584
2005 GC ₁₁₆	2007 10 17.1	01 26.19 +05 20.2 21.4	-0.72 - 5.2	1.0/16.0	77132
2002 JU ₆₇	2007 10 17.1	01 26.19 +27 40.5 20.3	-1.01 - 9.6	5.6/23.5	72646
2005 GR ₆₇	2007 10 17.1	01 26.20 +08 48.3 20.6	-0.70 - 7.1	0.1/17.1	26743
2006 FR ₄	2007 10 17.1	01 26.23 +03 48.4 20.9	-0.97 - 5.7	1.7/15.6	26756
2002 QO ₅₀	2007 10 17.1	01 26.26 +09 33.0 19.9	-0.82 - 6.4	0.2/17.3	26631
2005 CY ₅₇	2007 10 17.1	01 26.27 +06 51.7 20.2	-0.95 - 6.5	0.8/16.5	26728
2002 FN ₆	2007 10 17.1	01 26.29 +03 42.8 19.3	-0.94 - 5.8	1.9/15.6	26616
2002 PF ₁₀₅	2007 10 17.1	01 26.30 +10 22.9 19.3	-0.74 - 9.5	0.5/17.6	25861
2000 TD ₅₄	2007 10 17.1	01 26.32 +05 49.2 19.3	-1.08 - 0.2	1.5/16.4	25814
2003 YC ₆	2007 10 17.1	01 26.34 +33 53.1 19.1	-0.96 - 5.7	9.1/25.7	26698
2002 CR ₂₀₈	2007 10 17.1	01 26.42 -00 46.2 19.9	-0.92 - 6.4	3.5/14.2	00178
2005 AQ ₁₈	2007 10 17.1	01 26.42 +02 42.2 19.5	-0.97 - 5.2	2.7/15.3	77800
2006 HY ₁₁₈	2007 10 17.2	01 26.39 +06 08.4 20.8	-0.92 -10.5	1.1/16.2	26165
2003 UW ₂₆₇	2007 10 17.2	01 26.41 -05 27.4 19.5	-1.13 + 2.0	6.1/13.9	26687
2007 RH ₁₃₅	2007 10 17.2	01 26.43 +04 58.5 19.1	-1.03 + 0.5	1.6/16.3	26430
2005 JV ₃₂	2007 10 17.2	01 26.44 +11 51.1 18.8	-0.74 - 6.5	0.9/18.1	26054
2005 EB ₂₄₂	2007 10 17.2	01 26.48 +06 42.9 20.0	-0.98 - 1.8	0.8/16.6	26738
2003 YE ₁₂	2007 10 17.2	01 26.50 -08 04.4 18.7	-1.08 + 2.9	7.5/13.4	26698
2006 HT ₈₇	2007 10 17.2	01 26.53 +10 49.8 20.1	-0.92 - 9.4	0.7/17.8	26763
2006 DW ₉₆	2007 10 17.2	01 26.59 +07 02.2 20.2	-0.98 - 7.6	0.8/16.6	26136
2005 EJ ₂₉	2007 10 17.2	01 26.63 +13 55.8 20.5	-0.93 - 3.9	1.5/18.6	76766
2002 EY ₆₄	2007 10 17.2	01 26.64 +08 18.7 20.0	-0.96 - 7.3	0.3/17.0	26614
2007 RY ₅₇	2007 10 17.2	01 26.75 +12 14.8 18.3	-1.15 + 2.2	1.3/17.9	26790
2004 FF ₄₆	2007 10 17.3	01 26.80 -06 36.5 20.2	-0.71 - 5.3	4.6/12.1	86406
2003 UP ₂₈₀	2007 10 17.3	01 26.83 -02 42.8 18.7	-0.84 - 2.9	5.5/14.0	26688
2000 TJ ₁₆	2007 10 17.3	01 26.85 +06 06.5 18.2	-1.00 - 0.5	1.5/16.6	26579
2004 XL ₁₀₁	2007 10 17.3	01 26.88 +04 31.8 20.1	-1.00 - 5.1	1.7/16.0	26718
2005 JT ₃	2007 10 17.3	01 26.89 +19 06.1 20.7	-0.77 - 4.4	2.6/20.5	26745
2005 EP ₁₅₀	2007 10 17.3	01 26.89 +01 26.6 21.2	-0.84 - 6.0	2.4/14.9	26735
2002 GJ ₁₁₅	2007 10 17.3	01 26.89 +00 32.7 21.6	-0.98 - 4.6	3.0/14.9	85490
2003 OH ₁₀	2007 10 17.3	01 26.90 +12 23.9 18.8	-0.95 - 5.5	1.5/18.3	26659
2003 SP ₂₉₀	2007 10 17.3	01 26.96 +10 22.9 19.6	-0.91 - 4.5	0.5/17.7	26675
2004 FM ₁₆₀	2007 10 17.3	01 27.02 +01 05.2 19.7	-0.70 - 6.3	2.3/14.7	26713
2002 VP ₈₃	2007 10 17.3	01 27.04 +20 37.4 19.1	-0.77 - 8.4	3.5/21.3	26651
2006 DQ ₁₀₇	2007 10 17.3	01 27.04 +07 15.1 19.6	-1.03 - 6.9	0.8/16.8	26754
2002 RG ₁₉₀	2007 10 17.3	01 27.04 +04 40.0 19.7	-0.78 - 6.7	1.5/15.9	26637
2003 QY ₅	2007 10 17.3	01 27.04 +08 43.0 18.6	-0.89 - 6.2	0.2/17.2	25910
2002 WY ₃	2007 10 17.3	01 27.06 -00 08.6 20.1	-0.77 - 3.9	2.8/14.5	61623
2002 RO ₆₅	2007 10 17.3	01 27.06 -04 24.8 18.2	-0.95 + 0.1	4.4/13.9	26635
2000 GJ ₄₃	2007 10 17.3	01 27.08 +08 22.3 21.4	-0.77 - 4.4	0.2/17.1	26570
2006 BK ₂₆₆	2007 10 17.3	01 27.15 +03 48.0 20.2	-0.94 - 3.2	1.8/15.9	26751
2005 GC ₄₁	2007 10 17.3	01 27.15 +05 16.9 20.3	-0.75 - 4.4	1.0/16.2	26742
2003 QM ₁₁	2007 10 17.3	01 27.15 +16 11.9 18.9	-1.10 - 2.9	2.9/19.3	26661
2003 QO ₇₃	2007 10 17.3	01 27.16 +16 11.5 18.4	-0.87 - 4.1	3.4/19.5	26663

2002 CY ₁₀₈	2007 10 17.4	01 27.12 +00 25.0 19.3	-0.94 - 6.9	3.3/14.7	26610
2001 KV ₁₅	2007 10 17.4	01 27.15 +14 29.1 20.5	-0.82 - 7.7	1.5/19.2	26591
2003 AN ₆₄	2007 10 17.4	01 27.18 +12 11.7 18.9	-0.91 - 1.1	1.1/18.2	26656
2002 JP ₁₅	2007 10 17.4	01 27.18 -03 25.5 19.8	-0.92 - 4.5	4.4/13.7	02100
2001 PH ₅₀	2007 10 17.4	01 27.18 +31 20.2 19.3	-1.02 - 0.3	7.8/23.7	26593
2007 RK ₂₇₈	2007 10 17.4	01 27.21 -16 12.3 17.9	-0.63 - 7.4	11.6/07.0	26496
2003 SC ₃₁₉	2007 10 17.4	01 27.21 +01 32.2 19.7	-0.85 - 6.6	3.1/15.0	26675
2002 VG ₆₀	2007 10 17.4	01 27.25 +07 35.8 19.2	-0.77 - 6.1	0.5/16.9	26650
2006 JG ₄₈	2007 10 17.4	01 27.26 +02 21.1 20.1	-0.87 - 6.0	2.5/15.3	26766
2001 RS ₆₅	2007 10 17.4	01 27.28 +16 22.6 18.7	-0.74 - 6.2	2.3/19.8	25831
2000 YY ₁₄₁	2007 10 17.4	01 27.30 +14 23.1 21.0	-1.10 - 2.9	2.0/18.8	07897
1998 QO ₇₉	2007 10 17.4	01 27.31 +10 34.4 18.8	-0.76 -10.2	0.6/17.9	26553
2006 CQ ₆₅	2007 10 17.4	01 27.33 +04 22.4 19.4	-1.04 - 0.7	1.7/16.3	26752
2002 PT ₁₃₉	2007 10 17.4	01 27.35 +20 55.7 18.4	-1.07 - 0.8	4.4/20.5	26629
2005 FQ ₇	2007 10 17.4	01 27.39 -06 20.0 21.5	-0.79 - 7.1	4.5/12.3	86675
2005 EL ₁₉	2007 10 17.4	01 27.43 +11 19.6 20.4	-0.82 - 3.7	0.6/18.1	26730
2002 PK ₁₀₆	2007 10 17.4	01 27.45 +20 08.5 18.5	-0.80 - 7.4	4.3/21.2	25861
2003 UB ₂₈₇	2007 10 17.4	01 27.45 +10 12.5 20.9	-0.86 - 6.5	0.3/17.8	77740
2002 GL ₁₉	2007 10 17.4	01 27.47 +11 19.0 20.5	-0.95 - 5.9	0.7/18.1	23852
2004 AT ₁₃	2007 10 17.4	01 27.47 +02 02.9 19.4	-0.80 - 5.0	2.4/15.3	26703
1996 ES ₈	2007 10 17.4	01 27.49 +14 18.2 21.0	-0.94 - 3.5	1.6/18.9	77358
2006 DS ₂₀₉	2007 10 17.4	01 27.51 +15 45.3 18.5	-1.09 - 3.2	3.2/19.3	26140
2002 GS ₁₆₉	2007 10 17.5	01 27.50 +09 58.9 19.7	-1.05 - 2.1	0.3/17.7	25851
2195 T-3	2007 10 17.5	01 27.60 +12 48.4 18.9	-0.87 - 5.7	1.4/18.6	26834
2004 CT ₈₂	2007 10 17.5	01 27.60 -03 49.5 20.2	-0.71 - 5.0	3.6/13.3	02202
2002 NF ₇	2007 10 17.5	01 27.61 +24 29.5 19.6	-0.84 - 8.7	5.3/23.0	85542
2002 CD ₃₀₂	2007 10 17.5	01 27.64 -03 46.3 19.2	-0.98 - 4.4	5.4/13.8	26612
2003 SA ₃₂₂	2007 10 17.5	01 27.70 -03 07.6 20.7	-1.02 - 1.0	4.6/14.5	08762
2007 RW ₁₃₀	2007 10 17.5	01 27.71 +06 47.3 18.9	-0.64 - 4.8	0.8/16.8	26426
2001 RS ₁₁₀	2007 10 17.5	01 27.72 +15 02.5 19.1	-0.88 - 2.5	1.8/19.2	26597
2005 BH ₆	2007 10 17.5	01 27.79 +04 10.0 19.9	-0.99 - 5.1	1.9/16.1	26724
2005 EG ₂₅₁	2007 10 17.5	01 27.79 +13 32.4 19.3	-0.81 - 5.1	1.3/18.9	26040
2005 GC ₄₈	2007 10 17.5	01 27.84 +06 38.3 20.3	-0.80 - 4.3	0.8/16.8	26742
2004 AA ₂₃	2007 10 17.5	01 27.86 -08 10.5 20.8	-0.76 - 4.6	5.6/12.1	69623
2003 UQ ₁₆₈	2007 10 17.5	01 27.87 +12 40.3 19.0	-0.92 - 4.3	1.3/18.6	26683
2002 RB ₃₉	2007 10 17.5	01 27.91 +00 31.3 18.5	-0.82 - 5.2	3.2/14.9	26634
2002 FM ₂₈	2007 10 17.5	01 27.93 +10 07.3 20.6	-0.98 - 5.3	0.3/17.9	87536
2003 HN ₁₉	2007 10 17.5	01 27.94 +07 38.4 21.2	-0.99 - 8.2	0.7/17.1	22435
2002 EB ₁₂₉	2007 10 17.5	01 27.95 +10 21.8 20.5	-0.98 - 5.4	0.4/17.9	24353
2002 FL ₆	2007 10 17.6	01 27.87 -19 34.6 20.1	-1.25 + 0.8	10.6/10.1	72579
2003 QL ₃₄	2007 10 17.6	01 27.87 +02 58.1 18.3	-0.93 - 5.8	2.7/15.8	26662
2002 OL ₁₆	2007 10 17.6	01 27.87 +26 37.3 19.6	-0.91 - 7.0	5.8/23.6	26626
1999 UJ ₄₂	2007 10 17.6	01 27.91 +21 16.1 17.5	-0.80 -29.7	5.4/22.9	26560
2001 PW ₁₉	2007 10 17.6	01 27.92 +20 30.7 19.2	-0.91 - 2.1	3.7/20.8	26592
2003 WR ₉₅	2007 10 17.6	01 27.96 -10 22.4 19.2	-1.05 + 3.4	8.9/13.5	26693
2001 AP ₄₆	2007 10 17.6	01 27.97 -31 25.9 20.6	-1.02 - 0.1	10.1/05.4	12271
2002 XB ₄₁	2007 10 17.6	01 28.04 -15 11.4 18.3	-0.92 + 1.9	9.3/11.7	26653
2002 TA ₁₁₀	2007 10 17.6	01 28.06 -13 19.3 18.8	-0.86 - 1.5	8.1/11.1	26643
2000 EH ₁₇₆	2007 10 17.6	01 28.08 +09 57.6 20.2	-0.81 - 5.1	0.2/17.9	25800
2003 UJ ₁₇₄	2007 10 17.6	01 28.10 +10 55.3 19.3	-0.94 - 4.2	0.6/18.1	26683
2005 EZ ₁₆	2007 10 17.6	01 28.22 +09 56.0 19.9	-0.85 - 4.6	0.2/17.9	26730

2001 PL ₂₅	2007 10 17.6	01 28.24 +06 02.8 18.2	-0.88 - 0.4	1.3/16.9	26592
1999 TG ₁₇₂	2007 10 17.6	01 28.24 +01 54.0 18.2	-0.92 - 3.3	3.1/15.6	26558
2002 CY ₂₄₄	2007 10 17.6	01 28.25 +14 15.8 18.1	-1.13 - 0.6	2.5/18.9	26612
2003 RW ₁₇	2007 10 17.6	01 28.27 +06 41.2 18.6	-0.92 - 2.8	1.2/17.0	25918
2005 EF ₁₃	2007 10 17.7	01 28.26 +06 23.1 20.2	-1.00 - 4.1	1.1/16.9	26729
2004 XO ₁₁₉	2007 10 17.7	01 28.29 +00 18.3 20.3	-0.95 - 4.7	3.2/15.1	26719
2005 GQ ₄₄	2007 10 17.7	01 28.31 +13 40.0 20.0	-0.88 - 3.3	1.4/19.0	26742
2006 GH ₄₂	2007 10 17.7	01 28.31 +00 26.6 20.2	-1.03 - 3.9	3.3/15.3	26759
2003 WG ₅₀	2007 10 17.7	01 28.32 +25 54.1 19.1	-0.84 - 9.5	6.8/23.9	26691
2002 WE ₇	2007 10 17.7	01 28.34 +08 36.2 18.7	-0.85 - 2.5	0.2/17.5	26652
2003 NL ₂	2007 10 17.7	01 28.35 +02 02.2 18.6	-0.96 - 2.8	3.4/15.8	26659
1996 TG ₁₈	2007 10 17.7	01 28.35 +08 50.5 19.5	-1.04 - 3.3	0.2/17.6	26550
2007 TU ₁₄₇	2007 10 17.7	01 28.39 +05 23.1 19.3	-0.80 - 2.9	1.3/16.6	26543
2005 EA ₁₁₇	2007 10 17.7	01 28.42 +12 10.3 20.0	-0.93 - 2.7	1.0/18.5	26734
2007 RA ₁₄₂	2007 10 17.7	01 28.42 +03 34.1 18.9	-0.83 - 7.5	2.7/15.9	26799
2006 FT ₂₃	2007 10 17.7	01 28.45 +05 58.2 21.1	-0.92 - 7.5	1.2/16.7	26757
2006 KA ₄₆	2007 10 17.7	01 28.46 +06 32.8 19.4	-0.84 - 5.8	1.0/16.9	26175
2000 DS ₅₇	2007 10 17.7	01 28.48 +19 18.3 20.0	-0.93 - 3.6	3.3/20.6	26568
2002 TZ ₂₉₅	2007 10 17.7	01 28.50 +27 45.8 18.2	-0.94 - 2.1	6.8/23.3	26646
2002 JR ₇₇	2007 10 17.7	01 28.52 +07 06.5 19.4	-1.03 - 3.0	0.8/17.2	25853
2002 LV ₂₉	2007 10 17.7	01 28.52 -16 54.6 18.1	-0.89 + 0.8	11.8/11.1	26624
2005 EK ₃₁	2007 10 17.7	01 28.55 +06 40.4 20.8	-0.84 - 6.4	0.8/16.9	26029
2002 EL ₂₂	2007 10 17.7	01 28.57 +07 59.9 20.5	-1.01 - 3.8	0.4/17.4	26613
2004 FG ₃₂	2007 10 17.7	01 28.61 -22 37.5 20.5	-0.80 - 1.7	7.3/07.4	22771
2003 UO ₁₀	2007 10 17.7	01 28.63 +16 38.7 19.5	-0.85 -13.7	2.3/20.5	26678
2001 QZ ₂₃₀	2007 10 17.7	01 28.67 -04 04.8 19.2	-0.66 -10.3	4.3/12.8	26595
2001 SD ₂₉₉	2007 10 17.7	01 28.67 +07 59.4 19.7	-0.72 - 5.5	0.3/17.4	26600
2001 SW ₁₀₂	2007 10 17.8	01 28.62 +11 50.2 19.0	-0.75 - 5.4	0.8/18.6	26598
2002 ED ₉₇	2007 10 17.8	01 28.63 +01 02.5 21.4	-0.88 - 6.0	2.4/15.3	25847
2002 JC ₁₃₅	2007 10 17.8	01 28.66 +13 54.4 19.9	-0.88 - 8.2	1.7/19.3	26623
2001 RX ₃₅	2007 10 17.8	01 28.73 -00 08.4 20.0	-0.73 - 7.5	2.9/14.7	26596
2002 RF ₂₆₅	2007 10 17.8	01 28.80 +04 14.4 20.5	-0.83 - 5.5	1.6/16.3	12265
2005 JJ ₂₂	2007 10 17.8	01 28.84 -00 49.7 20.9	-0.69 - 5.6	2.5/14.5	26746
2004 CC ₁₀₃	2007 10 17.8	01 28.84 -14 51.1 19.9	-0.69 - 8.5	6.4/08.8	02202
2004 EB ₃₉	2007 10 17.8	01 28.85 +09 01.2 19.5	-0.92 - 1.0	0.1/17.8	26711
2000 ST ₂₅₂	2007 10 17.8	01 28.85 -00 46.6 18.6	-0.79 - 3.0	3.4/14.8	26578
2006 DJ ₂₁₅	2007 10 17.8	01 28.86 +06 10.6 18.8	-0.78 -11.5	1.2/16.7	26756
2005 JO ₁₆₅	2007 10 17.8	01 28.87 +01 14.3 19.5	-0.72 - 8.0	2.6/15.1	26747
2004 DB ₆	2007 10 17.8	01 28.87 +10 33.7 20.7	-0.77 - 3.9	0.3/18.2	26709
2001 FB ₄₄	2007 10 17.8	01 28.90 +15 10.2 20.0	-0.93 - 4.7	1.9/19.6	26589
2005 AK ₆₉	2007 10 17.8	01 28.90 +09 39.7 19.6	-0.99 - 5.0	0.1/18.0	26723
2002 TS ₉₈	2007 10 17.8	01 28.93 +10 46.6 19.0	-0.82 - 4.5	0.6/18.3	26642
2000 YM ₄₄	2007 10 17.8	01 28.93 +12 15.2 19.6	-0.96 - 5.6	1.1/18.7	26584
2005 EL ₇₉	2007 10 17.8	01 28.95 -08 53.9 19.6	-0.82 - 7.0	5.9/11.7	77828
2001 SV ₃₀₁	2007 10 17.8	01 28.96 +20 53.7 19.5	-0.83 - 2.8	3.1/21.4	04171
2003 UC ₃₉₀	2007 10 17.8	01 28.97 -02 46.4 21.1	-0.88 - 5.0	4.1/14.2	25954
2005 ER ₁₈₄	2007 10 17.8	01 28.98 +13 40.3 19.5	-0.87 - 5.3	1.6/19.2	26737
2005 AK ₃₉	2007 10 17.8	01 29.04 -05 45.4 19.1	-0.87 - 8.1	6.7/12.7	26722
2005 JH ₈₈	2007 10 17.9	01 29.05 +03 12.0 21.3	-0.82 - 1.9	1.5/16.2	04333
2005 ES ₁₄₇	2007 10 17.9	01 29.07 +05 18.2 20.5	-0.76 - 4.3	1.1/16.7	26735
2002 TB ₁₁₂	2007 10 17.9	01 29.08 -08 45.9 18.8	-0.69 - 9.6	7.0/11.1	26643

2001 MV ₂₉	2007 10 17.9	01 29.09 +32 08.7 18.3	-0.83	- 7.3	7.1/26.4	26591
2006 HE ₂₁	2007 10 17.9	01 29.10 +02 49.7 20.0	-1.02	- 5.2	2.6/16.1	26760
2004 BW ₂₅	2007 10 17.9	01 29.16 +17 01.7 19.1	-0.86	- 4.4	2.6/20.3	26704
2003 WW ₅	2007 10 17.9	01 29.18 +11 12.1 18.1	-0.85	- 7.5	0.7/18.5	26689
2004 BC ₁₄₁	2007 10 17.9	01 29.19 +05 47.5 21.3	-0.72	- 4.3	0.9/16.8	00705
2003 UD ₂₇₆	2007 10 17.9	01 29.19 +18 45.3 18.3	-0.79	- 9.5	3.9/21.2	25950
2004 CC ₄	2007 10 17.9	01 29.19 +20 36.8 19.9	-0.86	- 3.0	3.3/21.3	26707
2006 JF ₃₇	2007 10 17.9	01 29.20 -01 18.6 20.3	-0.98	- 2.9	4.1/15.1	03913
2006 HM ₃₆	2007 10 17.9	01 29.20 +03 56.2 21.7	-0.93	- 5.7	1.9/16.3	02323
2001 BC ₅₄	2007 10 17.9	01 29.21 +31 17.1 19.6	-1.07	- 3.2	7.3/24.6	26586
2003 UJ ₁₅	2007 10 17.9	01 29.24 +09 39.4 19.2	-1.15	+ 1.2	0.1/18.0	26678
2007 OH ₇	2007 10 17.9	01 29.28 +37 41.9 18.2	-0.68	-15.5	10.5/31.5	26776
2006 HH ₁₁₁	2007 10 17.9	01 29.29 +17 02.4 20.2	-0.97	- 3.6	2.5/20.2	26764
2002 TK ₁₂₅	2007 10 17.9	01 29.32 +16 58.0 19.0	-0.72	-10.3	2.9/20.8	25885
2003 UG ₃₀₉	2007 10 17.9	01 29.33 +08 48.8 19.0	-0.77	-10.1	0.2/17.8	26688
2007 RK ₂₂₂	2007 10 17.9	01 29.34 +09 06.7 19.7	-0.81	- 6.6	0.1/17.9	26479
2002 JF ₁₄₆	2007 10 17.9	01 29.37 -17 57.9 20.0	-0.90	- 3.5	9.6/09.6	26623
2005 GG ₈₇	2007 10 17.9	01 29.39 +06 48.0 19.7	-0.93	- 4.4	0.9/17.2	26743
2002 EK ₁₄₄	2007 10 17.9	01 29.40 +06 08.6 20.9	-0.94	- 6.0	1.1/17.0	26616
2001 QV ₈	2007 10 17.9	01 29.40 -07 11.3 19.7	-0.72	- 5.5	5.5/12.6	26593
2002 CO ₇₇	2007 10 17.9	01 29.41 +20 33.8 19.5	-1.08	- 4.3	4.2/21.2	02073
2005 EW ₁₉₆	2007 10 18.0	01 29.43 +19 31.5 19.2	-0.93	- 7.2	3.8/21.2	26737
2003 YX ₁₁₁	2007 10 18.0	01 29.47 +30 11.3 19.5	-0.97	- 4.5	7.2/24.6	26701
2000 JC ₇	2007 10 18.0	01 29.48 +11 55.7 21.0	-0.72	- 7.0	0.7/18.9	26571
2002 VR	2007 10 18.0	01 29.49 +09 01.9 21.3	-0.80	- 4.7	0.1/17.9	61526
2007 TS ₁₀	2007 10 18.0	01 29.51 +06 19.8 19.0	-0.65	-17.7	1.3/16.8	26519
2003 KE ₉	2007 10 18.0	01 29.51 -04 12.7 19.3	-1.02	- 5.0	5.5/14.2	26658
2000 SV ₃₃	2007 10 18.0	01 29.53 +02 08.4 19.5	-0.93	- 6.7	3.1/15.8	26576
2003 UZ ₂₅₂	2007 10 18.0	01 29.56 +10 11.6 18.8	-0.88	- 5.1	0.3/18.3	26686
2002 VS ₃₃	2007 10 18.0	01 29.58 -12 46.0 18.7	-0.88	- 0.9	6.8/11.7	66291
2005 ER ₁₉	2007 10 18.0	01 29.58 +10 09.3 19.4	-0.80	- 5.0	0.2/18.3	26730
2002 RL ₂₇₇	2007 10 18.0	01 29.60 +27 18.1 20.4	-1.02	- 2.5	6.0/23.4	26639
2006 KT ₄₈	2007 10 18.0	01 29.62 +02 10.0 19.9	-0.91	- 5.1	3.2/15.9	26768
2003 WB ₆₉	2007 10 18.0	01 29.63 +20 03.4 20.2	-0.86	- 7.6	3.4/21.6	77745
2003 WQ ₁₄₅	2007 10 18.0	01 29.67 +04 58.7 19.3	-1.07	+ 0.5	1.8/17.0	26695
2002 PE ₂₆	2007 10 18.0	01 29.68 -05 18.6 19.7	-0.80	- 5.9	5.4/13.4	18017
2005 AE ₃₈	2007 10 18.0	01 29.68 +07 46.1 20.2	-0.94	- 7.0	0.6/17.6	26722
2001 QM ₃₂	2007 10 18.0	01 29.68 +16 10.7 18.6	-0.79	- 4.5	2.3/20.2	26593
2005 AJ ₄₁	2007 10 18.0	01 29.74 +03 44.0 20.2	-0.92	- 5.5	1.9/16.4	26722
2005 EP ₃₅	2007 10 18.0	01 29.74 +09 24.1 20.6	-0.80	- 6.0	0.0/18.1	26731
2004 CJ ₁₃₀	2007 10 18.0	01 29.76 -09 49.5 21.1	-0.93	- 2.4	6.3/12.4	97699
2003 QH ₁₀₈	2007 10 18.0	01 29.81 -05 31.3 18.8	-0.82	- 8.5	6.3/13.1	26664
2005 EM ₁₅₂	2007 10 18.1	01 29.75 +05 58.9 20.9	-0.75	- 4.5	0.9/17.1	26034
2001 QN ₁₁₁	2007 10 18.1	01 29.78 +37 29.5 18.2	-1.30	+ 4.2	9.9/24.0	26593
2006 GN ₄₁	2007 10 18.1	01 29.78 +06 31.4 19.2	-0.97	- 7.8	1.2/17.2	26759
2005 GR ₁₁₂	2007 10 18.1	01 29.83 +14 18.4 20.2	-0.85	- 2.9	1.4/19.5	26744
2005 LJ ₃₄	2007 10 18.1	01 29.87 +08 48.3 21.2	-0.75	- 4.8	0.2/17.9	11106
2005 GA ₆₆	2007 10 18.1	01 29.87 +09 02.8 19.8	-0.77	- 4.9	0.1/18.0	26743
2005 EG ₉₁	2007 10 18.1	01 29.88 +07 47.1 19.3	-0.73	- 8.6	0.5/17.6	26733
2001 DZ ₂₂	2007 10 18.1	01 29.88 +00 54.2 21.0	-0.88	- 5.1	2.7/15.6	26587
2005 ES ₂₅₁	2007 10 18.1	01 29.93 -00 40.9 19.4	-1.15	+ 2.1	3.7/16.0	26738

2005 EX ₁₀	2007 10 18.1	01 29.95 +08 50.4 21.1	-0.85	- 6.3	0.2/18.0	26027
2000 CH ₇₂	2007 10 18.1	01 29.97 +01 16.4 22.3	-0.91	- 4.7	2.4/15.7	56093
2005 GO ₆₈	2007 10 18.1	01 29.98 -07 55.9 22.7	-0.71	- 3.1	3.7/12.8	77864
2002 VP ₅₃	2007 10 18.1	01 29.98 +00 52.9 19.4	-0.80	- 3.5	2.6/15.6	26650
2003 YS ₉₁	2007 10 18.1	01 30.00 +02 16.6 18.0	-0.70	- 8.0	3.3/15.7	26701
2003 RV ₂	2007 10 18.1	01 30.02 +03 27.5 19.4	-0.87	- 5.7	2.7/16.4	26665
1999 JD ₄₇	2007 10 18.1	01 30.03 +04 13.1 20.0	-0.76	- 3.5	1.3/16.6	26556
2001 FU ₅₆	2007 10 18.1	01 30.03 +00 03.2 19.8	-0.91	- 4.4	3.1/15.4	26589
2002 TO ₁₃₃	2007 10 18.1	01 30.11 +24 08.6 18.6	-0.86	- 5.8	5.4/23.0	85661
2005 KK ₅	2007 10 18.1	01 30.11 -05 22.3 20.8	-0.79	- 3.1	4.2/13.7	87678
2001 FS ₁₁₁	2007 10 18.1	01 30.12 +01 53.7 20.6	-0.79	- 8.0	2.3/15.7	07909
2003 UY ₂₇₃	2007 10 18.1	01 30.13 +00 04.0 18.6	-0.79	- 7.5	4.2/15.0	26687
2005 GE ₂₇	2007 10 18.1	01 30.14 +22 15.2 20.0	-0.89	- 3.1	3.9/22.0	77065
2007 TV ₁₄₇	2007 10 18.1	01 30.17 +02 37.4 19.0	-0.93	- 4.6	3.2/16.2	26543
2004 EY ₆₁	2007 10 18.1	01 30.17 +09 50.2 20.1	-0.82	- 4.9	0.1/18.3	26711
2004 RG ₂₀₈	2007 10 18.1	01 30.20 +42 14.0 19.6	-1.36	- 1.3	15.9/29.0	86550
1999 JL ₄	2007 10 18.2	01 30.12 -08 02.3 19.0	-1.28	+ 3.4	7.0/15.0	26555
2007 TE ₂₇	2007 10 18.2	01 30.12 +08 45.2 19.6	-0.89	- 5.1	0.2/18.0	26529
2002 SR ₈	2007 10 18.2	01 30.14 +08 17.4 19.3	-0.86	- 3.2	0.4/17.9	26639
1997 MK ₈	2007 10 18.2	01 30.14 +03 23.8 20.0	-0.81	- 5.5	1.9/16.3	26551
2007 RE ₂₂₂	2007 10 18.2	01 30.16 +08 46.6 19.5	-0.72	- 8.0	0.2/18.0	26479
2002 GO ₁₁₅	2007 10 18.2	01 30.19 -01 54.1 19.5	-1.00	- 2.2	4.5/15.3	26619
2005 AD ₄₃	2007 10 18.2	01 30.20 +10 06.4 20.4	-0.96	- 5.4	0.2/18.4	89617
2002 RK ₂₇₁	2007 10 18.2	01 30.20 +27 51.8 20.6	-1.03	- 1.8	6.5/23.5	21552
2006 KR ₇₁	2007 10 18.2	01 30.23 -01 20.8 20.4	-1.00	- 6.5	4.2/15.0	26769
2001 RJ ₈₄	2007 10 18.2	01 30.26 -01 59.5 19.1	-0.67	- 9.4	3.7/14.1	25832
1999 RF ₇₈	2007 10 18.2	01 30.32 +22 28.4 18.5	-0.98	- 4.0	5.7/22.1	26556
2002 XS ₄₆	2007 10 18.2	01 30.33 +34 21.0 19.9	-0.88	- 4.6	7.6/26.5	85783
2002 TO ₂₈₄	2007 10 18.2	01 30.36 +24 01.9 18.8	-0.83	- 5.4	5.0/23.0	26646
2007 RN ₅₆	2007 10 18.2	01 30.38 +04 46.6 18.6	-0.64	-13.5	1.7/16.4	26790
2006 GQ ₃₅	2007 10 18.2	01 30.40 +06 43.4 20.0	-0.94	- 4.4	0.9/17.5	26758
2001 RJ ₁₄	2007 10 18.2	01 30.41 +01 10.3 18.7	-0.66	-14.4	2.6/15.0	26596
2005 CU ₅₆	2007 10 18.2	01 30.44 +31 08.7 20.2	-1.08	- 2.6	7.5/24.8	26025
2003 QP ₆₇	2007 10 18.2	01 30.44 +08 44.4 18.2	-0.80	- 8.2	0.3/18.0	26663
2003 UB ₅₃	2007 10 18.2	01 30.45 +30 22.8 19.4	-1.07	- 3.6	6.8/24.7	25938
1999 UM ₃₂	2007 10 18.2	01 30.48 +06 54.0 19.4	-0.95	- 4.1	1.1/17.6	26560
2003 QS ₅₂	2007 10 18.2	01 30.54 -00 28.4 18.1	-0.77	- 4.6	5.0/15.2	26663
2003 YR ₇₃	2007 10 18.3	01 30.53 +06 19.4 19.2	-0.86	- 4.2	1.1/17.4	26700
2000 WD ₄₃	2007 10 18.3	01 30.53 +00 03.5 18.8	-0.95	- 4.6	4.1/15.6	26582
2002 NM ₃₉	2007 10 18.3	01 30.54 +24 59.9 20.1	-0.92	- 6.9	5.0/23.5	26625
2007 PC ₁₇	2007 10 18.3	01 30.57 +03 51.7 18.1	-0.95	- 3.1	2.7/16.8	26314
2005 EG ₂₂₅	2007 10 18.3	01 30.60 -29 24.2 22.3	-1.02	- 1.4	10.0/05.5	77848
2001 SB ₁₁₉	2007 10 18.3	01 30.60 +08 26.4 19.8	-0.76	- 8.9	0.4/18.0	26598
2005 GO ₄₂	2007 10 18.3	01 30.61 +06 35.0 20.1	-0.92	- 7.9	1.2/17.4	26044
2001 SL ₁₂₃	2007 10 18.3	01 30.63 +09 35.9 19.3	-0.73	- 6.9	0.0/18.4	26598
2006 FZ ₃₆	2007 10 18.3	01 30.66 -13 35.9 18.8	-1.00	+ 1.6	7.8/13.3	26757
2003 YX ₁₀₅	2007 10 18.3	01 30.67 +31 26.3 18.7	-0.87	- 5.9	9.4/25.9	25980
2006 KF	2007 10 18.3	01 30.69 +11 58.6 19.7	-0.93	- 7.3	0.9/19.1	26766
2000 SK ₈₈	2007 10 18.3	01 30.71 +02 48.1 19.3	-0.83	- 9.0	3.0/16.1	26576
2002 JE ₁₄₆	2007 10 18.3	01 30.72 -02 53.6 20.6	-0.81	- 9.0	4.1/14.2	00269
2001 QR ₁	2007 10 18.3	01 30.72 +16 31.3 19.6	-0.80	- 4.5	2.4/20.5	26593

2006 GH ₂₈	2007 10 18.3	01 30.77 +06 27.5	20.7	-1.06	- 2.6	1.2/17.6	26150
2006 KM ₂	2007 10 18.3	01 30.81 +12 14.9	20.2	-0.95	- 6.4	1.0/19.2	26767
2005 HE ₉	2007 10 18.3	01 30.82 +11 13.3	20.2	-0.72	- 6.5	0.5/18.9	26053
2002 EN ₁₀₁	2007 10 18.3	01 30.83 +12 42.5	19.2	-0.95	- 8.0	1.3/19.4	25847
2002 EV ₁₄₇	2007 10 18.3	01 30.88 +01 08.9	20.7	-0.90	- 7.5	3.0/15.8	00218
2005 YX ₁₆	2007 10 18.3	01 30.88 -33 33.2	19.9	-1.19	- 2.2	18.5/03.3	96675
2004 YZ ₁	2007 10 18.3	01 30.89 +15 13.8	18.5	-1.46	+ 4.6	2.5/19.3	26720
1996 ES ₄	2007 10 18.3	01 30.90 +14 49.9	19.7	-0.93	- 3.2	2.0/19.9	26550
2003 UV ₂₄₆	2007 10 18.3	01 30.92 +14 48.8	18.4	-0.74	-11.7	2.2/20.4	26686
2007 RQ ₁₁₈	2007 10 18.3	01 30.93 +11 21.1	18.7	-1.05	- 1.4	0.8/18.9	26420
2002 CT ₁₄₆	2007 10 18.3	01 30.93 +19 55.1	19.2	-1.07	- 4.4	4.0/21.3	30669
2000 TW ₄₈	2007 10 18.3	01 30.94 -02 14.2	19.3	-0.97	- 6.5	4.5/14.9	26580
2003 XY ₈	2007 10 18.3	01 30.95 +54 48.9	19.5	-1.23	- 5.7	14.9/05.7	58081
2003 UY ₃₁₄	2007 10 18.4	01 30.88 +10 44.2	19.9	-0.96	- 3.2	0.5/18.7	26688
2005 JX ₁₀₄	2007 10 18.4	01 30.93 +04 40.6	21.4	-0.97	- 3.9	1.7/17.1	86741
2003 QY ₁₂	2007 10 18.4	01 30.95 +00 08.9	19.1	-0.94	- 5.2	3.7/15.7	26661
2007 TU ₁₀₁	2007 10 18.4	01 30.98 +05 21.1	19.3	-0.79	- 6.7	1.5/17.1	26540
2002 PA ₁₃₁	2007 10 18.4	01 31.06 +02 05.9	20.1	-0.89	- 4.3	2.6/16.3	26629
2002 JC ₁₃₃	2007 10 18.4	01 31.07 +19 07.4	20.0	-0.96	- 6.3	3.1/21.4	22704
2000 WA ₄₄	2007 10 18.4	01 31.13 -10 33.2	18.4	-0.73	+ 1.5	11.7/12.5	25817
2002 VT ₇₂	2007 10 18.4	01 31.19 -00 55.6	19.7	-0.79	- 4.0	3.6/15.3	26650
2003 UM ₁₇₆	2007 10 18.4	01 31.25 +12 21.7	19.6	-0.95	- 3.4	1.2/19.3	26683
2002 TZ ₂₄₀	2007 10 18.4	01 31.29 +09 53.5	19.1	-0.77	- 6.7	0.1/18.6	26645
2003 WU ₁₀₈	2007 10 18.5	01 31.30 +12 18.6	18.8	-0.91	- 0.9	1.4/19.2	25966
2003 YN ₁₉	2007 10 18.5	01 31.30 -14 14.5	18.8	-0.96	+ 0.2	9.9/12.0	26698
2003 UT ₂₆₁	2007 10 18.5	01 31.30 +05 18.2	19.8	-1.02	- 1.5	1.4/17.4	25949
2006 DO ₁₃₅	2007 10 18.5	01 31.31 +09 33.0	19.3	-1.09	- 5.0	0.0/18.5	26138
2005 EK ₂₄₆	2007 10 18.5	01 31.31 +16 38.0	20.0	-0.90	- 2.3	2.1/20.5	77850
2003 WL ₆₄	2007 10 18.5	01 31.33 -06 49.5	19.9	-0.96	- 1.4	5.6/14.1	22763
2005 ET ₂₆₈	2007 10 18.5	01 31.35 +18 23.1	21.4	-0.82	- 2.4	2.2/21.1	77852
2003 WU	2007 10 18.5	01 31.36 +05 34.6	19.1	-0.89	- 4.0	1.6/17.4	25956
2000 JF ₁₆	2007 10 18.5	01 31.37 +05 32.5	20.0	-0.76	- 4.3	1.1/17.3	26571
1999 RQ ₁₉₁	2007 10 18.5	01 31.38 +12 03.9	19.6	-0.98	- 4.6	1.0/19.3	26557
2002 RS ₁₀	2007 10 18.5	01 31.42 +03 34.4	19.1	-0.80	- 5.9	2.2/16.7	26634
2003 QO ₃₆	2007 10 18.5	01 31.44 +05 23.7	18.6	-0.84	- 5.8	2.0/17.3	26662
1999 VT ₁₃₅	2007 10 18.5	01 31.44 -04 36.3	19.0	-1.81	+12.8	7.9/17.4	26561
2003 UD ₁₃₈	2007 10 18.5	01 31.45 +02 35.8	18.8	-0.83	- 7.2	2.7/16.3	26682
2005 GL ₇₇	2007 10 18.5	01 31.46 -00 14.5	19.2	-0.96	- 1.5	3.5/16.0	26743
2003 QA ₉₄	2007 10 18.5	01 31.51 +05 40.5	18.9	-0.85	- 6.0	1.8/17.4	25915
2000 SP ₈₀	2007 10 18.5	01 31.54 +00 10.5	19.3	-0.84	- 8.2	4.4/15.5	25806
2006 HF ₂₃	2007 10 18.5	01 31.54 +07 28.2	21.1	-0.93	- 7.7	0.8/17.9	26760
2002 CX ₃₁₁	2007 10 18.5	01 31.59 +00 57.9	18.8	-0.99	- 5.3	3.8/16.1	26613
2002 RN ₇₅	2007 10 18.5	01 31.62 +20 32.8	19.6	-0.93	- 3.6	3.4/21.8	26635
2002 CK ₄₈	2007 10 18.5	01 31.62 +03 33.5	19.1	-1.01	- 4.1	2.8/16.9	26609
2007 TY ₇	2007 10 18.6	01 31.61 +01 54.4	18.3	-0.93	- 3.0	3.9/16.5	26516
2002 TG ₃₁₄	2007 10 18.6	01 31.62 -07 19.9	21.0	-0.78	- 4.0	5.9/13.4	69407
2002 CA ₁₇₂	2007 10 18.6	01 31.66 +10 39.4	19.9	-1.07	- 3.8	0.4/18.9	25844
2003 UJ ₁₈₁	2007 10 18.6	01 31.71 +02 07.5	19.4	-0.86	- 3.6	3.4/16.5	26684
2001 SU ₁₂₃	2007 10 18.6	01 31.81 +23 52.3	19.8	-0.89	- 2.8	4.4/22.9	24335
2007 TQ ₉₇	2007 10 18.6	01 31.83 +04 49.4	18.9	-0.79	- 6.4	2.4/17.1	26540
2007 RS ₁₄₅	2007 10 18.6	01 31.84 +19 31.7	18.2	-0.97	- 2.0	4.4/21.4	26443

2005 EW ₁₄₆	2007 10 18.6	01 31.85 +06 28.5	19.8	-0.82	- 5.2	1.0/17.7	26034
2003 WW ₁₄₂	2007 10 18.6	01 31.85 +03 19.7	19.7	-0.90	- 3.3	2.1/16.9	26695
2001 PE ₁₃	2007 10 18.6	01 31.86 +51 24.6	18.9	-1.18	+ 2.0	15.8/01.7	43401
2005 CH ₇₉	2007 10 18.6	01 31.86 -14 06.5	19.5	-0.80	- 3.4	6.8/11.4	24006
2004 XV ₆₃	2007 10 18.6	01 31.87 +05 18.1	19.1	-1.10	- 1.9	1.9/17.6	26718
2004 CG ₁₀₄	2007 10 18.6	01 31.88 +04 04.5	20.6	-0.70	- 7.9	1.5/16.8	24440
2005 JA ₁₃₆	2007 10 18.6	01 31.90 +04 03.6	20.4	-0.67	- 9.1	1.5/16.7	26747
2002 EG ₁₅₅	2007 10 18.6	01 31.91 +02 52.2	21.0	-0.97	- 5.1	2.3/16.7	37749
2005 EG ₂₆₅	2007 10 18.6	01 31.93 +10 15.0	20.2	-0.74	- 5.0	0.2/18.9	26739
2001 FN ₁₁₆	2007 10 18.6	01 31.93 +13 13.7	19.5	-1.05	- 1.0	1.3/19.6	26590
2002 GE ₁₁₃	2007 10 18.6	01 31.96 -00 14.9	19.9	-0.96	- 4.5	3.6/15.9	26619
2002 JL ₉₃	2007 10 18.6	01 32.03 +06 44.1	19.8	-1.02	- 4.2	1.1/17.9	26622
2005 GD ₇	2007 10 18.7	01 31.98 +04 15.5	21.2	-0.86	- 5.0	1.7/17.1	77041
2005 EV ₁₉₄	2007 10 18.7	01 32.01 +11 25.2	19.8	-0.84	- 4.6	0.6/19.2	26737
2002 TN ₉₈	2007 10 18.7	01 32.04 +13 00.7	20.0	-0.89	- 3.0	1.1/19.7	26642
2001 SL ₂₇₄	2007 10 18.7	01 32.04 +16 34.9	19.3	-0.92	- 0.5	2.3/20.5	25836
2001 RV ₁₅₄	2007 10 18.7	01 32.07 +22 19.9	19.6	-0.77	- 5.5	3.6/22.9	26597
2002 QD ₁₁₉	2007 10 18.7	01 32.19 +31 10.2	19.3	-1.08	- 0.8	8.4/24.7	26633
2005 JM ₁₀₀	2007 10 18.7	01 32.25 +08 15.1	20.6	-0.68	- 7.3	0.4/18.3	26747
2005 GX ₁₃₁	2007 10 18.7	01 32.27 +04 43.3	18.8	-0.70	- 9.6	1.7/17.0	26744
2001 BY ₅₆	2007 10 18.7	01 32.32 +02 43.8	19.4	-0.92	- 5.5	2.9/16.7	26586
2007 TD ₈₀	2007 10 18.7	01 32.32 +04 51.1	19.4	-0.92	- 4.2	1.9/17.4	26538
2001 SY ₂₇₂	2007 10 18.7	01 32.33 +11 26.2	19.3	-0.70	-13.6	0.6/19.5	26600
2000 AJ ₇₂	2007 10 18.7	01 32.34 +15 56.4	18.7	-0.86	- 7.0	2.4/20.8	26566
2006 KC ₆₉	2007 10 18.7	01 32.37 +08 13.3	20.5	-0.83	- 9.2	0.5/18.3	26177
2007 RT ₁₃	2007 10 18.7	01 32.39 +12 19.9	19.4	-1.13	- 2.2	1.2/19.5	26354
2002 EM ₇₉	2007 10 18.7	01 32.40 +16 49.7	19.9	-0.96	- 7.1	2.5/21.0	26614
2004 EU ₅₈	2007 10 18.7	01 32.40 +22 53.7	20.2	-0.74	- 6.4	3.4/23.3	89524
2002 FO ₄	2007 10 18.7	01 32.42 +06 46.9	19.5	-1.01	- 5.6	1.0/18.0	26616
2006 GG ₃₇	2007 10 18.7	01 32.43 +05 52.8	19.8	-1.01	- 4.4	1.4/17.8	26759
2002 JO ₁₀₈	2007 10 18.7	01 32.44 -09 19.2	21.2	-0.88	- 5.6	6.3/13.0	00264
2006 HU ₁	2007 10 18.8	01 32.40 +02 05.4	21.0	-0.97	- 4.2	2.5/16.7	01612
2002 CG ₁₂₅	2007 10 18.8	01 32.42 +11 58.8	20.0	-0.97	- 6.2	0.8/19.5	72511
2000 CY ₆₈	2007 10 18.8	01 32.44 +16 59.9	19.0	-0.89	- 4.4	2.7/21.0	26567
2006 HX	2007 10 18.8	01 32.46 +02 55.5	21.2	-0.95	- 5.5	2.3/16.9	01610
2004 EL ₈₄	2007 10 18.8	01 32.47 +03 52.3	19.4	-0.77	- 4.0	1.8/17.1	26712
2005 JB ₁₅	2007 10 18.8	01 32.47 +08 08.6	19.2	-0.85	- 3.9	0.5/18.4	26053
2002 VB ₈₀	2007 10 18.8	01 32.48 +12 24.9	18.6	-0.73	- 7.8	0.9/19.8	26650
2002 SU ₆₅	2007 10 18.8	01 32.52 +01 19.1	19.9	-0.86	- 3.8	2.7/16.4	26641
2004 CB ₈₀	2007 10 18.8	01 32.56 +00 14.3	19.5	-0.74	- 4.8	2.7/15.9	26708
1999 XG ₂₄₄	2007 10 18.8	01 32.60 +04 04.3	19.8	-0.95	- 2.6	2.2/17.3	26565
2002 TD ₁₃₀	2007 10 18.8	01 32.62 -03 07.9	18.7	-0.81	- 4.1	4.4/15.0	26643
2006 DX ₄₀	2007 10 18.8	01 32.63 -16 58.9	20.8	-0.91	- 8.2	8.5/09.8	22811
2003 UP ₄₈	2007 10 18.8	01 32.66 -06 33.2	18.6	-0.94	- 2.0	6.2/14.4	26679
2007 TE ₁₈	2007 10 18.8	01 32.68 +20 28.8	19.2	-0.97	- 4.7	4.9/22.1	26526
2001 RP ₅₄	2007 10 18.8	01 32.73 +05 34.0	19.4	-0.74	- 5.7	1.4/17.6	26596
1999 VH ₁₁₃	2007 10 18.8	01 32.75 -07 40.0	20.0	-1.02	- 1.3	6.9/14.2	84517
2007 RL ₅₆	2007 10 18.8	01 32.76 +10 48.1	18.8	-1.10	- 1.6	0.5/19.2	26386
2005 BQ ₄₀	2007 10 18.8	01 32.78 -05 32.7	19.7	-0.90	- 5.4	6.5/14.2	00915
2002 QW ₁₀₅	2007 10 18.8	01 32.78 +05 56.7	19.1	-0.87	- 3.2	1.5/17.8	26633
2003 SF ₂₅₉	2007 10 18.8	01 32.81 +09 14.5	19.7	-0.85	- 7.5	0.2/18.8	26674

2002 CE ₂₇₀	2007 10 18.8	01 32.82 -02 10.8 19.8	-0.92 - 6.7	4.7/15.3	14656
2003 YV ₆₉	2007 10 18.9	01 32.75 -01 05.2 18.2	-0.69 - 6.7	5.2/15.3	26700
2006 KP ₂₂	2007 10 18.9	01 32.76 -07 13.2 20.4	-0.87 - 3.5	5.4/14.0	03921
2001 DX ₇₇	2007 10 18.9	01 32.76 +04 40.4 21.0	-0.88 - 5.3	1.7/17.4	26588
2002 PE ₁₂₃	2007 10 18.9	01 32.77 +30 38.1 20.5	-0.98 - 4.4	6.5/25.5	02115
2002 RP ₇₅	2007 10 18.9	01 32.77 +11 45.0 18.9	-0.83 - 5.4	0.8/19.5	26635
2002 PK ₁₂₅	2007 10 18.9	01 32.82 -11 11.6 19.6	-0.79 - 6.0	7.1/12.0	26629
2006 PD ₃₉	2007 10 18.9	01 32.87 +11 50.5 20.3	-0.79 - 3.4	0.6/19.6	26771
2006 HN ₄₆	2007 10 18.9	01 32.93 -02 26.5 19.6	-1.01 - 3.4	4.7/15.7	26761
2004 CH ₁₁₂	2007 10 18.9	01 32.94 -10 53.0 19.4	-0.78 - 3.3	6.7/12.6	25992
2002 RJ ₂₄₈	2007 10 18.9	01 32.96 +13 59.3 20.3	-0.89 - 4.0	1.4/20.2	26638
2002 XO ₁₇	2007 10 18.9	01 32.97 +34 16.4 19.5	-0.86 - 4.2	6.6/27.2	26653
2002 XM ₄₈	2007 10 18.9	01 32.98 +09 46.3 18.7	-0.75 - 6.0	0.0/19.0	25900
2003 WH ₁₆₈	2007 10 18.9	01 32.99 -02 29.3 19.0	-0.85 - 4.7	5.1/15.3	26696
2005 EB ₄₁	2007 10 18.9	01 33.00 -15 04.6 20.1	-0.92 - 3.4	8.1/11.3	77823
2006 KL ₆₉	2007 10 18.9	01 33.03 +08 12.2 20.1	-0.92 - 8.0	0.6/18.5	26177
2005 GF ₁	2007 10 18.9	01 33.07 +14 14.0 20.5	-0.89 - 3.0	1.3/20.2	26740
2000 BU ₃₇	2007 10 18.9	01 33.11 +26 23.2 19.1	-0.97 - 2.7	5.5/23.9	26567
2006 DN ₆₂	2007 10 18.9	01 33.14 +06 35.7 21.0	-0.97 - 7.9	1.0/18.0	01367
2003 KV ₃₆	2007 10 19.0	01 33.17 +21 01.0 18.6	-1.01 - 9.2	4.5/22.8	26658
2002 GB ₁₃₀	2007 10 19.0	01 33.19 +11 16.4 19.8	-0.90 - 7.8	0.5/19.5	26619
2004 XL ₁₂₀	2007 10 19.0	01 33.19 +12 28.4 20.9	-0.95 - 5.8	0.9/19.8	77795
2006 LX ₅	2007 10 19.0	01 33.19 -04 42.7 19.6	-0.84 - 4.4	4.5/14.6	26770
2002 EY ₃₄	2007 10 19.0	01 33.23 +07 25.8 19.1	-1.06 - 3.0	0.9/18.4	25846
2007 TD ₁₃	2007 10 19.0	01 33.28 +08 32.0 18.5	-0.85 - 5.9	0.6/18.7	26522
2002 UW ₆₉	2007 10 19.0	01 33.30 -02 22.8 20.0	-0.75 - 5.6	3.6/15.2	26648
2004 DO ₄	2007 10 19.0	01 33.31 +39 27.5 20.2	-1.11 - 0.1	9.1/27.8	66336
2000 QU ₂₃	2007 10 19.0	01 33.40 +04 20.8 18.5	-0.82 - 9.3	2.6/17.3	26572
2001 EV ₁₂	2007 10 19.0	01 33.40 -41 23.1 19.7	-1.09 + 1.5	13.0/03.2	24326
2005 AJ ₆₉	2007 10 19.0	01 33.48 -04 32.8 19.3	-0.92 - 5.6	5.6/14.7	26020
2006 HR ₃₉	2007 10 19.0	01 33.49 -13 21.0 18.8	-0.96 - 0.4	8.7/13.2	26761
2003 QC ₇₄	2007 10 19.0	01 33.49 +10 38.6 19.5	-0.96 - 7.6	0.3/19.4	26663
2003 VK ₉	2007 10 19.0	01 33.51 +19 50.9 19.5	-0.84 - 8.7	3.5/22.5	26689
2005 ED ₉₄	2007 10 19.0	01 33.54 -13 25.1 21.3	-1.13 + 0.5	6.8/13.4	77831
1999 VL ₈₃	2007 10 19.0	01 33.56 +12 29.0 19.5	-0.97 - 3.5	0.9/19.9	26561
2004 BZ ₁₀₁	2007 10 19.1	01 33.54 +45 36.1 21.2	-1.02 - 2.0	8.4/31.2	66329
2006 GD ₁₂	2007 10 19.1	01 33.57 +05 21.2 21.4	-0.96 - 3.9	1.5/17.9	01567
2001 RT ₁₀₅	2007 10 19.1	01 33.58 +10 49.6 19.1	-0.84 - 3.0	0.3/19.4	26596
2002 RG ₁₀	2007 10 19.1	01 33.61 -01 02.0 18.2	-0.77 - 7.0	4.2/15.5	26634
2000 VM ₂₁	2007 10 19.1	01 33.64 +04 38.5 18.4	-0.96 - 2.4	2.5/17.8	26581
2003 QE ₅₅	2007 10 19.1	01 33.64 +03 22.6 19.3	-0.97 - 5.2	2.5/17.3	26663
2002 ED ₃₄	2007 10 19.1	01 33.66 -00 32.5 20.3	-0.92 - 6.1	3.9/16.0	72548
2003 WQ ₁₀₁	2007 10 19.1	01 33.68 -13 57.6 19.7	-0.85 - 6.9	8.5/10.8	26693
1999 LY ₅	2007 10 19.1	01 33.70 +10 32.0 20.2	-0.73 - 8.2	0.2/19.4	26556
2005 JA ₁	2007 10 19.1	01 33.70 +05 59.3 19.7	-0.71 - 7.1	1.1/17.9	26745
2002 PJ ₁₂₉	2007 10 19.1	01 33.72 -08 39.1 20.0	-0.81 - 5.7	6.0/13.3	75463
2002 XA ₉₄	2007 10 19.1	01 33.74 -04 04.0 19.8	-0.82 - 1.9	4.2/15.3	26655
2001 HH ₅₀	2007 10 19.1	01 33.76 +28 11.9 19.6	-1.02 - 3.0	5.6/24.5	26591
2005 JV ₁₅	2007 10 19.1	01 33.76 +08 35.7 20.6	-0.77 - 4.7	0.3/18.8	26746
2005 CN ₂₆	2007 10 19.1	01 33.77 +27 35.9 20.1	-1.07 - 2.1	6.0/24.2	26726
2003 QN ₄₆	2007 10 19.1	01 33.81 -05 33.4 18.6	-0.75 - 8.0	7.1/14.0	26662

2001 SU ₁₂₅	2007 10 19.1	01 33.83 +18 44.2 19.9	-0.83 - 3.2	3.0/21.8	25834
2006 KW ₃₅	2007 10 19.1	01 33.86 -01 34.1 21.2	-0.78 - 7.2	3.4/15.5	03922
2001 OV ₁₁₀	2007 10 19.1	01 33.87 -05 28.9 18.8	-0.72 - 4.9	4.8/14.3	26592
2006 CA ₄₄	2007 10 19.1	01 33.87 +00 44.7 21.0	-0.91 - 3.3	2.7/16.7	02285
2003 WE ₇₁	2007 10 19.1	01 33.88 +31 41.3 18.7	-1.09 - 2.2	8.4/25.7	26692
2003 QG ₅₀	2007 10 19.1	01 33.92 +06 00.8 18.1	-0.91 - 1.0	1.9/18.2	26663
2006 GP ₃₁	2007 10 19.1	01 33.92 +08 08.2 19.7	-0.95 - 3.8	0.6/18.7	26758
2007 TF ₈₀	2007 10 19.1	01 33.94 +05 08.7 19.3	-0.92 - 5.3	2.1/17.8	26538
2006 FH ₁₈	2007 10 19.2	01 34.01 +07 18.1 20.6	-1.06 - 5.3	1.0/18.5	26757
2002 EC ₁₇	2007 10 19.2	01 34.04 +07 53.3 22.1	-0.95 - 6.1	0.7/18.7	13889
2002 VW ₉	2007 10 19.2	01 34.10 +06 51.8 19.5	-0.92 - 1.0	1.0/18.5	26649
2002 XC ₅₉	2007 10 19.2	01 34.15 +51 59.8 19.0	-1.29 - 6.2	20.1/07.5	65399
1999 AH ₃₂	2007 10 19.2	01 34.17 +06 28.3 20.7	-0.77 - 4.4	0.9/18.3	26555
2002 JY ₆₅	2007 10 19.2	01 34.19 +06 08.5 20.5	-0.94 - 5.2	1.3/18.2	26622
2002 GZ ₇₇	2007 10 19.2	01 34.21 +10 48.3 20.9	-0.94 - 6.0	0.3/19.6	26618
2006 FL ₅₃	2007 10 19.2	01 34.22 +12 46.7 20.8	-0.98 - 5.5	1.1/20.1	09546
2002 RS ₂₄₈	2007 10 19.3	01 34.24 +08 52.5 20.0	-0.85 - 4.9	0.3/19.0	26638
2001 AN ₃₉	2007 10 19.3	01 34.24 +04 24.5 19.6	-0.97 - 4.8	2.1/17.7	26586
2004 VS ₄₆	2007 10 19.3	01 34.32 -01 12.4 19.5	-1.04 - 3.9	4.3/16.3	00849
2002 TC ₁₇₆	2007 10 19.3	01 34.32 +27 42.9 18.0	-0.79 - 6.9	7.1/25.5	26644
2004 BK ₁₈	2007 10 19.3	01 34.33 +02 37.8 19.6	-0.95 + 0.3	2.1/17.6	25986
2006 JZ ₈	2007 10 19.3	01 34.34 +04 55.3 20.3	-0.96 - 2.0	1.7/18.0	02339
2003 WZ ₅₉	2007 10 19.3	01 34.35 -13 17.0 20.6	-1.09 + 1.9	8.1/13.9	66317
2002 TT ₁₈₅	2007 10 19.3	01 34.36 +26 31.1 19.2	-1.05 - 0.4	5.9/23.6	26644
2002 CZ ₈₈	2007 10 19.3	01 34.37 +16 47.2 19.8	-1.06 - 4.3	2.7/21.3	25843
2003 QT ₂₈	2007 10 19.3	01 34.37 +05 16.4 19.2	-0.99 - 4.2	1.9/18.1	26662
2007 RJ ₇	2007 10 19.3	01 34.38 -03 18.2 18.3	-0.60 - 9.9	6.0/14.3	26784
2005 GO ₁₃₉	2007 10 19.3	01 34.38 +05 12.7 20.0	-0.78 - 7.5	1.5/17.8	26744
2007 TG ₁₁	2007 10 19.3	01 34.44 +14 26.0 19.2	-1.23 + 5.7	2.2/20.1	26519
2006 KR ₁₀₀	2007 10 19.3	01 34.44 -04 03.9 19.0	-0.66 -13.3	5.7/14.0	26769
2005 JW ₅₁	2007 10 19.3	01 34.46 +10 15.4 20.3	-0.72 - 6.3	0.1/19.5	26746
2003 SO ₈₃	2007 10 19.3	01 34.48 +07 51.8 20.1	-0.99 - 4.3	0.7/18.8	26668
2004 XW ₅	2007 10 19.3	01 34.49 -19 55.6 20.8	-1.15 - 0.2	10.1/11.3	11075
2003 WS ₆	2007 10 19.3	01 34.53 +15 02.8 19.3	-0.97 - 3.3	1.9/20.8	26689
2005 CB ₅₀	2007 10 19.3	01 34.55 +27 13.5 20.1	-0.98 - 3.5	5.3/24.6	77813
2002 TW ₁₁₆	2007 10 19.3	01 34.56 +23 44.4 19.2	-0.85 - 5.8	4.4/23.8	62416
2002 PO ₁₅₅	2007 10 19.3	01 34.57 +04 51.2 20.1	-0.86 - 5.0	1.6/17.9	26629
2004 BW ₅₆	2007 10 19.3	01 34.59 +24 52.5 20.6	-0.85 - 3.8	4.1/23.9	08866
2004 BT ₅₇	2007 10 19.3	01 34.65 +22 35.5 20.8	-0.79 - 3.3	3.1/23.3	14070
2001 QB ₁₃₁	2007 10 19.3	01 34.67 +02 27.1 18.4	-0.68 - 8.5	2.5/16.8	26594
2003 UO ₂₃₇	2007 10 19.3	01 34.68 +03 09.7 20.2	-0.98 - 1.7	2.2/17.7	76153
2002 TF ₁₂	2007 10 19.3	01 34.70 +15 48.6 19.0	-1.08 + 1.6	2.3/20.7	25882
2002 JP ₃₈	2007 10 19.3	01 34.71 +09 08.9 19.8	-1.05 - 2.9	0.3/19.2	25852
2002 QX ₃₀	2007 10 19.4	01 34.61 +07 52.7 19.7	-0.87 - 4.0	0.7/18.8	26631
2001 SP ₁₄₄	2007 10 19.4	01 34.66 +25 56.2 19.8	-0.96 - 0.8	5.0/23.8	88917
2001 SV ₂₃₀	2007 10 19.4	01 34.78 +12 25.3 19.5	-0.91 - 0.3	0.7/20.1	26600
2003 YN ₁₂₀	2007 10 19.4	01 34.79 +03 23.0 19.3	-0.95 - 2.0	2.3/17.7	26701
2002 QZ ₈	2007 10 19.4	01 34.80 +14 30.2 18.5	-1.01 + 0.6	2.0/20.5	26630
1999 TP ₇₇	2007 10 19.4	01 34.81 +09 45.9 20.1	-0.93 - 4.2	0.0/19.4	26557
2002 GA ₃₈	2007 10 19.4	01 34.81 +09 57.0 20.9	-0.93 - 6.4	0.0/19.5	10869
2002 VW ₁₂₅	2007 10 19.4	01 34.81 -46 59.8 19.4	-1.52 +10.7	28.4/04.3	25896

2003 SQ ₁₁₉	2007 10 19.4	01 34.95 +23 10.8 19.6	-1.12 - 2.3	4.8/23.0	26669	1994 PO ₅	2007 10 19.7	01 35.96 -09 11.2 19.3	-0.82 - 6.8	6.9/13.6	01963
2003 UE ₂₆₄	2007 10 19.4	01 34.97 -02 20.2 18.2	-0.91 + 0.2	6.0/16.5	26687	1999 UY ₃₁	2007 10 19.7	01 35.98 +09 52.3 19.6	-0.86 - 5.9	0.1/19.7	26560
2006 GG ₃	2007 10 19.4	01 35.00 -14 54.5 19.5	-0.95 - 0.6	9.0/13.1	26758	2001 DA ₂₅	2007 10 19.7	01 36.00 +06 10.1 19.4	-0.97 - 4.3	1.5/18.7	26587
2000 QZ ₂₄₄	2007 10 19.4	01 35.06 +25 56.2 18.3	-1.08 + 0.1	8.4/23.5	26574	2003 WB	2007 10 19.7	01 36.00 +01 05.1 19.9	-0.95 - 1.6	2.8/17.4	26689
2003 WH ₅	2007 10 19.5	01 35.05 +03 30.5 20.5	-0.99 - 1.3	2.1/17.9	76189	2005 EN ₂₆₀	2007 10 19.7	01 36.01 +08 14.5 19.8	-1.00 - 1.3	0.6/19.3	26041
2007 SB ₁₂	2007 10 19.5	01 35.08 +02 23.2 18.2	-1.12 + 5.0	3.7/18.2	26509	2005 EP ₃₁	2007 10 19.7	01 36.02 +05 21.0 20.6	-0.90 - 4.6	1.6/18.4	26730
2002 GF ₉₃	2007 10 19.5	01 35.09 +13 17.1 20.5	-0.99 - 5.1	1.1/20.5	10871	2003 UM ₂₄₂	2007 10 19.7	01 36.07 +00 36.0 19.4	-1.03 - 0.9	3.4/17.4	26686
2003 QO ₁₀₃	2007 10 19.5	01 35.16 -03 32.3 19.4	-0.88 - 5.2	5.8/15.5	25916	2003 WE ₄₀	2007 10 19.7	01 36.07 +14 46.9 19.6	-0.95 - 4.4	1.8/21.1	26690
2002 PO ₁₇₇	2007 10 19.5	01 35.16 +11 22.5 20.4	-0.92 - 3.9	0.5/20.0	26630	2007 RV ₁₁₈	2007 10 19.7	01 36.09 +01 11.2 17.7	-0.54 -16.0	3.5/16.1	26420
2006 JZ ₂₁	2007 10 19.5	01 35.20 +07 10.8 20.1	-0.79 -11.5	1.0/18.6	26169	2007 TP ₂₅	2007 10 19.7	01 36.09 +10 41.4 19.4	-0.81 - 4.4	0.2/20.0	26528
2005 ED ₂₄₉	2007 10 19.5	01 35.21 +10 47.4 19.9	-0.92 - 5.2	0.4/19.8	26738	2007 TL ₁₈	2007 10 19.7	01 36.11 +04 01.7 19.2	-0.84 - 5.5	2.9/18.0	26526
2003 QF ₄₀	2007 10 19.5	01 35.21 +18 45.5 18.7	-1.04 - 2.5	3.9/22.0	26662	2001 RH ₈₂	2007 10 19.7	01 36.13 +10 52.9 18.9	-0.69 - 8.9	0.3/20.1	25832
2006 KT ₁₁	2007 10 19.5	01 35.25 +00 17.8 19.9	-0.94 - 5.3	3.4/16.8	01789	2002 RO ₄₅	2007 10 19.7	01 36.15 +02 58.6 18.9	-0.84 - 4.1	2.5/17.7	25872
2001 OV ₈₄	2007 10 19.5	01 35.32 +09 47.4 19.3	-0.73 - 8.2	0.0/19.5	26592	2002 CN ₂₀₃	2007 10 19.7	01 36.16 +10 43.8 20.4	-1.00 - 4.9	0.3/20.0	26611
2006 KA ₈₈	2007 10 19.5	01 35.33 +12 12.3 21.9	-1.01 - 6.4	0.8/20.2	01831	2001 RO ₁₂	2007 10 19.7	01 36.18 -05 43.2 20.1	-0.70 - 7.6	4.6/14.4	26595
1998 VA ₁₆	2007 10 19.5	01 35.36 -02 43.9 18.1	-1.03 + 1.3	5.1/16.7	26554	2005 ED ₁₅₄	2007 10 19.8	01 36.12 +12 22.9 20.3	-0.92 - 2.7	0.7/20.5	26735
2001 OU ₃	2007 10 19.5	01 35.38 +38 03.0 19.5	-1.43 - 0.8	13.6/27.7	26591	2005 BR ₁₆	2007 10 19.8	01 36.13 +05 49.8 19.5	-1.02 - 4.5	1.7/18.6	73818
2005 EC ₂₈₀	2007 10 19.5	01 35.38 -02 20.4 20.4	-0.96 - 2.1	4.1/16.3	26739	2005 FA ₃	2007 10 19.8	01 36.13 -04 51.6 20.1	-0.68 - 6.2	3.7/14.9	26740
2000 EL ₁₆₈	2007 10 19.5	01 35.40 -05 45.4 20.6	-0.88 - 3.6	5.0/14.9	56127	1998 BZ ₄₂	2007 10 19.8	01 36.16 -29 55.3 20.5	-0.76 - 4.0	9.8/04.5	87337
2002 CS ₁₂₈	2007 10 19.5	01 35.41 +16 20.1 19.8	-1.02 - 5.9	2.5/21.5	26610	2002 TE ₁₄₀	2007 10 19.8	01 36.18 +11 03.2 19.3	-0.84 - 4.4	0.3/20.1	26643
2001 SV ₁₈₅	2007 10 19.5	01 35.43 +22 55.0 19.8	-0.90 - 2.1	3.6/23.3	26599	2005 CT ₁₉	2007 10 19.8	01 36.21 +33 43.6 18.9	-1.08 - 4.2	9.2/27.6	26726
2006 GO ₄₁	2007 10 19.5	01 35.44 +15 55.5 18.8	-1.17 + 0.8	2.2/21.0	26759	2001 SP ₁₉₅	2007 10 19.8	01 36.22 +02 14.7 20.7	-0.70 - 6.6	2.4/17.3	48102
2006 DM ₂₁₅	2007 10 19.6	01 35.37 +05 43.2 20.3	-0.94 - 8.3	1.7/18.3	26756	2005 CZ ₈	2007 10 19.8	01 36.24 +12 56.8 20.6	-0.90 - 4.2	0.9/20.7	24455
2002 QD ₇₈	2007 10 19.6	01 35.43 +08 49.2 19.8	-0.79 - 7.7	0.4/19.2	26632	2004 DB ₁₀	2007 10 19.8	01 36.24 +26 20.5 21.0	-0.86 - 2.0	4.1/24.6	04296
2002 UY ₅₈	2007 10 19.6	01 35.50 -05 48.3 21.0	-0.81 - 2.6	4.4/15.1	85712	1999 XJ ₁₇₉	2007 10 19.8	01 36.25 -06 54.9 18.8	-0.99 - 0.9	6.5/15.4	26564
2005 ER ₁₂	2007 10 19.6	01 35.53 -08 22.1 19.6	-0.83 - 7.5	6.7/13.4	26729	2002 GC ₁₄₂	2007 10 19.8	01 36.28 +07 56.9 18.8	-0.89 - 7.0	0.8/19.2	26619
2003 WO ₁₃	2007 10 19.6	01 35.55 +10 38.7 19.3	-0.92 - 3.0	0.3/19.8	25957	2001 PQ ₂₄	2007 10 19.8	01 36.42 +29 47.8 19.7	-0.99 - 1.5	5.8/25.6	26592
2001 FK ₁₅₆	2007 10 19.6	01 35.56 +05 01.9 21.0	-0.83 - 7.8	1.6/18.0	26590	2003 SP ₃₁₉	2007 10 19.8	01 36.44 -02 52.1 19.6	-1.04 + 0.5	5.6/16.9	26676
2005 AH ₃₅	2007 10 19.6	01 35.56 -02 17.4 19.6	-0.93 - 6.4	5.1/15.9	26722	2005 GP ₅₆	2007 10 19.8	01 36.44 +06 48.4 19.9	-0.77 - 6.5	1.1/18.8	26742
2002 QZ ₁₈	2007 10 19.6	01 35.57 -00 47.2 18.9	-0.82 - 4.9	3.8/16.4	26630	2003 UX ₁₇₀	2007 10 19.8	01 36.47 +11 19.0 18.8	-1.07 + 0.5	0.6/20.2	26683
2004 CT ₅	2007 10 19.6	01 35.58 +06 39.5 19.5	-0.80 - 4.5	1.0/18.7	25990	2006 EV ₆₉	2007 10 19.8	01 36.52 +06 30.8 19.0	-1.72 + 6.0	1.7/19.4	26143
2003 UY ₂₄₀	2007 10 19.6	01 35.59 +17 23.5 19.0	-0.88 - 5.9	3.1/22.0	26686	2002 XD ₄₈	2007 10 19.8	01 36.53 +14 02.0 19.5	-0.80 - 5.2	1.4/21.1	25900
2006 HA ₁₁	2007 10 19.6	01 35.60 +01 06.1 20.3	-0.90 - 4.4	2.9/17.1	26760	2006 HC ₅₄	2007 10 19.9	01 36.49 +13 29.9 19.9	-1.09 - 4.6	1.3/20.8	24491
2000 LO ₂₃	2007 10 19.6	01 35.60 -21 40.3 20.6	-0.74 - 2.9	7.0/09.6	04138	2002 BF ₁₆	2007 10 19.9	01 36.52 -02 21.2 19.5	-0.95 - 6.7	5.5/16.1	17991
2002 XK ₃₉	2007 10 19.6	01 35.60 +27 58.2 20.0	-0.79 - 6.5	5.3/25.8	26653	2006 BP ₅₄	2007 10 19.9	01 36.54 +18 14.6 20.9	-1.04 - 4.9	2.6/22.3	26750
2003 WG ₃	2007 10 19.6	01 35.69 +00 40.9 19.3	-0.97 - 2.1	3.2/17.3	26689	2003 QW ₈₇	2007 10 19.9	01 36.54 +21 32.6 18.7	-1.05 - 3.1	5.1/23.1	26664
1999 XS ₂₁₇	2007 10 19.6	01 35.71 +10 22.0 19.7	-0.88 - 4.9	0.1/19.8	26564	2003 QY ₆₆	2007 10 19.9	01 36.55 +10 03.4 19.8	-0.96 - 6.5	0.0/19.9	25914
1999 TV ₂₃₆	2007 10 19.6	01 35.71 -05 22.5 18.5	-0.85 - 1.2	7.5/15.5	26559	2007 TO ₂₅	2007 10 19.9	01 36.61 +09 00.9 19.7	-0.77 -10.6	0.5/19.6	26528
1998 DU ₂₅	2007 10 19.6	01 35.72 +10 40.2 18.4	-0.95 - 2.6	0.3/19.9	26552	2001 SR ₁₃₀	2007 10 19.9	01 36.61 +18 02.8 19.5	-0.86 - 2.2	2.4/22.2	26598
2007 UU	2007 10 19.6	01 35.75 -14 38.2 18.3	-1.17 + 6.5	9.4/15.6	26545	2002 JB ₁₉	2007 10 19.9	01 36.66 +05 19.1 19.3	-0.90 - 7.8	1.7/18.4	26621
2006 KY ₁₉	2007 10 19.6	01 35.75 +11 18.8 19.3	-0.97 - 3.5	0.5/20.1	26767	2003 YG ₂₂	2007 10 19.9	01 36.66 +04 33.4 21.2	-0.86 - 3.8	1.7/18.4	86192
2005 DE ₁	2007 10 19.6	01 35.76 -16 15.5 20.8	-0.88 - 2.6	7.5/11.9	86638	2002 EU ₁₁₅	2007 10 19.9	01 36.70 -01 19.5 19.5	-1.00 - 4.7	4.6/16.7	26615
2003 QX ₁₁	2007 10 19.6	01 35.79 -03 24.1 18.3	-0.82 - 6.2	6.0/15.4	26661	2004 FF ₂	2007 10 19.9	01 36.70 +01 04.4 20.8	-0.69 - 6.3	2.4/17.0	26712
2005 EL ₇₈	2007 10 19.6	01 35.81 -03 29.5 21.0	-0.80 - 5.6	3.7/15.5	77828	2006 GC ₃₂	2007 10 19.9	01 36.70 +03 00.4 18.7	-0.85 -24.7	3.1/17.0	26758
2005 EP ₂₂₅	2007 10 19.6	01 35.84 +18 05.6 19.6	-1.11 - 1.6	3.2/21.7	26738	2002 RQ ₂₀₃	2007 10 19.9	01 36.77 +21 53.5 19.3	-0.97 - 3.2	4.2/23.4	75608
2005 GR ₆₄	2007 10 19.7	01 35.76 +03 54.6 19.8	-0.85 - 6.1	2.0/17.8	26743	2004 FA ₉₆	2007 10 19.9	01 36.88 +02 09.0 20.5	-0.80 - 2.9	2.3/17.7	62120
2002 CQ	2007 10 19.7	01 35.79 +11 45.6 18.7	-0.89 -10.3	0.8/20.3	25842	2003 OT ₃	2007 10 19.9	01 36.89 +02 15.7 19.7	-0.90 - 6.5	3.4/17.6	26659
2005 EY ₁₁₀	2007 10 19.7	01 35.81 -00 29.0 20.0	-0.84 - 3.3	3.0/16.7	76876	2001 SX ₉₀	2007 10 19.9	01 36.90 +20 59.3 20.1	-0.86 - 2.7	3.3/23.1	61026
2007 TF ₁₅₆	2007 10 19.7	01 35.88 +17 42.0 19.0	-0.92 - 0.6	2.9/21.7	26544	2007 TJ ₈₀	2007 10 19.9	01 36.90 +04 32.1 19.7	-0.84 - 8.4	2.4/18.2	26538
2005 CC ₆₀	2007 10 19.7	01 35.92 -09 23.0 21.1	-0.82 - 5.3	5.6/13.6	02243	2000 ED ₁₅₃	2007 10 19.9	01 36.91 -00 37.9 19.6	-0.74 - 7.8	3.2/16.4	26569
2002 KF ₉	2007 10 19.7	01 35.93 +04 43.2 19.5	-0.87 - 6.9	1.9/18.1	26623	2002 YO ₁₅	2007 10 19.9	01 36.92 +43 20.1 19.7	-1.28 + 2.5	10.4/28.2	62437

2002 WJ ₇	2007 10 20.0	01 36.88 +14 56.5 19.2	-0.76 - 6.5	1.7/21.6	25897	2006 HK ₂₅	2007 10 20.2	01 37.92 -01 54.6 19.1	-1.00 - 1.4	5.5/17.2	26154
2003 UL ₂₉	2007 10 20.0	01 36.91 +07 26.7 19.2	-0.93 - 3.8	1.0/19.3	26678	1999 WX ₁₈	2007 10 20.2	01 37.92 +04 37.5 20.0	-0.92 - 2.6	2.6/18.8	26563
2004 XP ₁₄₀	2007 10 20.0	01 36.91 +07 39.2 20.4	-0.94 - 6.2	0.8/19.3	26719	2007 TR ₂₅	2007 10 20.2	01 37.93 +09 12.4 19.1	-0.80 -10.7	0.4/19.9	26529
2003 UE ₁₉₉	2007 10 20.0	01 36.93 +13 28.2 19.7	-0.94 - 4.8	1.3/21.0	25945	2006 KH ₉₁	2007 10 20.2	01 38.01 -07 36.5 20.1	-0.88 - 4.4	6.8/15.1	26769
2002 QO ₉₁	2007 10 20.0	01 36.94 +09 06.7 20.2	-0.81 - 8.7	0.3/19.7	25868	2000 GT ₁₃₅	2007 10 20.2	01 38.04 -05 10.8 21.1	-0.82 - 1.7	3.9/16.1	04136
1999 GV ₂₈	2007 10 20.0	01 36.98 +09 31.6 20.4	-0.80 - 3.1	0.1/19.9	26555	2002 PV ₇	2007 10 20.3	01 37.99 +15 29.2 20.2	-0.89 - 5.7	1.9/22.0	00302
2005 EW ₁₅₅	2007 10 20.0	01 36.99 +13 10.6 19.5	-0.88 - 2.1	0.9/20.9	26735	2003 YE ₁₁₂	2007 10 20.3	01 38.08 +08 20.3 18.1	-0.94 - 0.1	0.9/19.9	25981
2002 ER ₁₂₉	2007 10 20.0	01 37.02 +03 57.9 19.4	-0.90 - 9.4	2.7/18.0	25847	2002 NK ₆₃	2007 10 20.3	01 38.09 +05 55.9 20.2	-0.90 - 4.0	1.7/19.1	26626
2005 GP ₃₈	2007 10 20.0	01 37.04 +14 24.8 19.2	-0.80 - 8.4	1.6/21.5	26742	2006 KU ₈₃	2007 10 20.3	01 38.13 +06 11.8 19.6	-0.87 - 5.2	1.6/19.1	26178
2007 TE ₁₁	2007 10 20.0	01 37.05 +09 27.8 18.7	-0.95 - 5.1	0.3/19.9	26519	1999 CM ₁₄₇	2007 10 20.3	01 38.17 +04 14.0 21.6	-0.73 - 5.0	1.6/18.5	10700
2002 NE ₄₅	2007 10 20.0	01 37.17 +30 00.2 20.2	-0.97 - 5.5	6.0/26.6	26625	1999 VF ₁₇₄	2007 10 20.3	01 38.19 +26 21.5 18.2	-0.88 -23.0	7.3/27.2	26562
2003 AL ₄₃	2007 10 20.0	01 37.18 -20 08.7 18.6	-0.74 - 3.7	11.2/09.2	26656	2003 WA ₁₃₇	2007 10 20.3	01 38.20 +29 50.4 19.3	-0.76 -10.9	8.5/27.9	58072
2006 JM ₄₅	2007 10 20.0	01 37.20 -01 30.2 20.1	-0.89 - 4.6	4.2/16.7	01767	2004 BY ₁₂₄	2007 10 20.3	01 38.23 +12 07.6 19.6	-0.71 - 7.6	0.5/21.0	26707
2000 WQ ₈₉	2007 10 20.0	01 37.21 +03 12.3 18.1	-0.97 - 1.5	3.5/18.3	25817	2005 GC ₁₀₇	2007 10 20.3	01 38.33 +10 45.3 20.4	-0.84 - 4.1	0.2/20.5	26743
2005 EO ₅₃	2007 10 20.0	01 37.21 +07 52.2 19.8	-0.94 - 6.0	0.9/19.4	26731	1999 XF ₂₅₂	2007 10 20.3	01 38.36 +03 07.3 19.5	-0.89 - 4.5	2.8/18.3	26565
2004 YC ₂₀	2007 10 20.0	01 37.21 +00 28.7 20.1	-0.89 - 5.0	3.2/17.2	26720	2001 SS ₂₃₉	2007 10 20.3	01 38.36 +09 43.0 19.2	-0.80 - 2.8	0.2/20.2	26600
2001 SP ₂₅	2007 10 20.0	01 37.22 +19 12.6 19.4	-0.94 - 0.3	2.9/22.4	26598	2004 BC ₃₈	2007 10 20.3	01 38.37 +19 34.8 19.5	-0.90 - 3.3	2.9/23.0	26705
2000 CC ₁₃₇	2007 10 20.0	01 37.23 +13 34.9 19.1	-0.90 - 4.6	1.3/21.1	26568	2005 JF ₃₂	2007 10 20.3	01 38.38 +10 15.2 19.5	-0.78 - 4.7	0.0/20.4	26746
2000 RU ₅₇	2007 10 20.0	01 37.24 +17 38.7 19.2	-0.97 - 3.4	3.8/22.2	25804	2000 AP ₂₂₉	2007 10 20.3	01 38.39 -02 45.7 19.7	-0.88 - 2.9	4.0/16.8	26567
2004 FN ₃₁	2007 10 20.0	01 37.27 -19 21.4 20.4	-0.88 - 0.7	7.4/11.3	65634	2002 CB ₂₁₈	2007 10 20.3	01 38.39 +19 13.6 19.5	-1.09 - 3.5	3.4/22.8	57851
2004 EF ₁₉	2007 10 20.0	01 37.28 +18 07.8 19.1	-0.89 - 2.0	2.6/22.3	26711	2002 VX ₃₄	2007 10 20.3	01 38.42 +17 07.6 18.9	-0.77 - 6.6	2.1/22.6	26649
2005 GN ₅₆	2007 10 20.0	01 37.30 +08 40.7 20.1	-0.80 - 6.4	0.4/19.6	26046	2007 RX ₃₃	2007 10 20.3	01 38.44 +17 57.8 18.4	-1.08 + 3.0	3.5/22.0	26371
2005 EX ₂₇₁	2007 10 20.0	01 37.30 +27 31.9 18.3	-1.20 + 1.8	7.4/24.1	26739	2001 SO ₄₃	2007 10 20.3	01 38.44 +22 51.5 19.8	-1.02 - 0.4	3.4/23.7	26598
2005 EM ₆₀	2007 10 20.0	01 37.33 +19 22.5 20.1	-0.99 - 4.7	3.4/22.8	26732	2000 TS ₁₄	2007 10 20.3	01 38.46 +13 03.4 18.9	-1.07 - 1.6	1.3/21.1	26579
2003 UW ₁₄₇	2007 10 20.1	01 37.29 -02 35.7 18.3	-0.86 - 4.5	5.3/16.3	26682	2002 QU ₈₅	2007 10 20.4	01 38.38 +27 27.9 20.0	-0.99 - 3.6	5.6/25.5	26632
2005 GQ ₈₉	2007 10 20.1	01 37.31 +06 07.6 19.7	-0.70 - 9.1	1.2/18.7	26048	2000 YB ₁₀₈	2007 10 20.4	01 38.38 +13 04.8 20.0	-1.00 - 4.9	1.1/21.2	26585
2002 XV ₁₀₅	2007 10 20.1	01 37.39 +25 34.0 20.9	-0.83 - 5.3	5.3/25.2	26655	2004 YM ₁₃	2007 10 20.4	01 38.39 +10 12.6 19.3	-0.92 - 5.4	0.0/20.4	26720
2006 FJ ₃₆	2007 10 20.1	01 37.41 +07 25.2 19.5	-1.06 - 4.3	1.0/19.4	26757	2000 DH ₆₈	2007 10 20.4	01 38.41 +19 46.8 19.5	-0.93 - 2.8	3.0/23.1	26568
2003 UN ₆₅	2007 10 20.1	01 37.44 -08 08.1 19.0	-1.08 + 1.4	7.6/15.9	26680	2002 TO ₁₂₄	2007 10 20.4	01 38.43 +04 36.3 18.9	-0.88 - 3.0	2.1/18.9	26643
2004 VA ₆₁	2007 10 20.1	01 37.44 +08 33.2 18.5	-0.75 -11.9	0.9/19.6	26717	2003 YU ₂₄	2007 10 20.4	01 38.46 -02 39.5 19.6	-0.97 - 0.7	4.1/17.2	26698
2002 CJ ₁₇₀	2007 10 20.1	01 37.47 +12 14.3 19.6	-1.02 - 3.9	0.7/20.7	26611	2007 RE ₂₂₃	2007 10 20.4	01 38.50 -01 00.9 18.2	-0.71 -11.6	4.5/16.3	26480
2001 JC ₇	2007 10 20.1	01 37.51 -01 33.3 19.5	-0.93 - 3.5	3.9/16.9	26591	2003 SP ₂₂₉	2007 10 20.4	01 38.51 +06 28.5 20.3	-0.93 - 4.3	1.4/19.4	26673
2000 VR ₆₄	2007 10 20.1	01 37.51 +09 31.3 18.7	-0.89 - 9.7	0.3/20.0	25816	2006 JC ₂	2007 10 20.4	01 38.57 +11 03.1 20.8	-0.97 - 5.8	0.3/20.7	02338
2006 HT ₈₈	2007 10 20.1	01 37.53 -08 53.2 20.3	-0.95 - 1.4	6.0/15.3	02332	2001 QS ₁₂₁	2007 10 20.4	01 38.65 -06 18.8 19.5	-0.76 - 4.4	6.0/15.5	03199
1999 XG ₂₄₁	2007 10 20.1	01 37.56 +21 42.8 19.2	-1.13 - 0.4	4.2/22.9	26565	2005 GU ₃₈	2007 10 20.4	01 38.66 +07 13.2 19.8	-0.81 - 6.1	1.0/19.5	26742
2001 RD ₁₄₇	2007 10 20.1	01 37.61 +36 02.2 19.9	-0.91 - 4.2	7.4/29.1	26597	2003 SS ₁₂	2007 10 20.4	01 38.67 +06 42.2 18.8	-0.70 - 7.6	1.8/19.3	26666
2005 GN ₉₆	2007 10 20.1	01 37.61 +08 07.2 19.6	-0.84 - 3.0	0.7/19.6	26048	2006 JA ₅₁	2007 10 20.4	01 38.68 +06 03.6 20.5	-1.01 - 3.6	1.6/19.3	26171
2001 AC ₅₂	2007 10 20.1	01 37.64 +01 50.9 19.1	-1.06 - 2.2	3.5/18.0	26586	2002 CO ₂₉₉	2007 10 20.4	01 38.72 +09 24.2 19.7	-1.05 - 4.1	0.3/20.2	25846
2006 KB ₈₅	2007 10 20.1	01 37.67 -10 49.1 20.9	-0.91 - 1.2	7.0/14.7	03926	2005 GZ ₁₇₁	2007 10 20.4	01 38.72 +10 43.6 19.3	-0.89 - 1.7	0.2/20.6	26745
2002 VV ₅₃	2007 10 20.2	01 37.65 +15 27.5 19.0	-0.80 - 5.3	1.8/21.8	26650	2005 EU ₁₂₉	2007 10 20.4	01 38.72 +03 37.2 20.9	-0.94 - 7.0	2.4/18.4	24014
2003 SO ₁₁₈	2007 10 20.2	01 37.67 +06 17.7 19.9	-0.89 - 6.9	1.3/19.0	26669	2006 HW ₁₀₈	2007 10 20.4	01 38.73 +03 04.2 19.9	-0.96 - 7.7	2.7/18.3	26764
2003 UW ₁₆₉	2007 10 20.2	01 37.68 +18 10.8 19.1	-0.83 - 7.3	3.7/22.9	25944	2005 EC ₄₆	2007 10 20.4	01 38.73 +12 53.3 19.4	-0.98 - 5.8	1.1/21.2	77824
2002 LC ₅	2007 10 20.2	01 37.69 +04 53.0 20.0	-0.91 - 4.1	1.8/18.7	26624	2005 AJ ₈	2007 10 20.4	01 38.77 +04 54.3 20.0	-0.95 - 4.9	1.9/19.0	26721
2005 ES ₉₄	2007 10 20.2	01 37.69 +18 52.2 21.1	-0.92 - 4.3	2.6/22.8	26733	2005 JJ ₁₇	2007 10 20.4	01 38.77 -03 02.1 20.3	-0.80 - 2.5	3.7/16.7	77192
2005 EW ₄₈	2007 10 20.2	01 37.69 +02 59.3 20.7	-0.88 - 7.8	2.5/17.9	76803	2005 EL ₂₃₄	2007 10 20.4	01 38.79 +14 58.8 19.6	-0.93 - 3.1	1.6/21.8	26738
1998 HK ₈₄	2007 10 20.2	01 37.74 +03 13.4 20.1	-0.98 - 3.7	2.4/18.3	07753	2002 QG ₄₉	2007 10 20.5	01 38.76 +16 22.5 20.5	-0.98 - 3.6	2.1/22.2	48254
2003 UU ₁₂₅	2007 10 20.2	01 37.77 +05 07.6 19.3	-0.86 - 6.8	1.9/18.7	25941	2003 ST ₅₄	2007 10 20.5	01 38.78 +21 03.9 18.7	-0.98 - 4.9	4.5/23.7	26667
2006 HT ₅₃	2007 10 20.2	01 37.79 -00 04.3 20.6	-0.94 - 6.8	3.6/17.1	26762	2005 GC ₃₀	2007 10 20.5	01 38.82 +03 38.3 20.9	-0.88 - 3.0	1.9/18.7	77860
2002 XA ₈₅	2007 10 20.2	01 37.80 +15 35.8 19.4	-0.81 - 4.1	1.7/21.9	26654	2007 PU ₂₂	2007 10 20.5	01 38.82 -06 32.4 17.8	-0.85 - 4.2	8.0/15.6	26318
2005 BS ₄	2007 10 20.2	01 37.84 +14 16.2 20.2	-1.03 - 4.9	1.5/21.4	26724	1999 YN ₁₉	2007 10 20.5	01 38.86 +16 54.9 19.1	-0.92 - 5.0	2.7/22.5	26565
2005 AT ₆₇	2007 10 20.2	01 37.87 +18 14.3 19.2	-0.97 - 7.0	3.4/22.7	26723	2007 RT ₆	2007 10 20.5	01 38.91 +12 18.9 19.5	-0.74 - 5.9	0.7/21.2	26784

2005 EX ₂₁₇	2007 10 20.5	01 38.91 +12 23.5 19.5	-0.92 - 1.2	0.7/21.1	26039
2006 HP ₅₃	2007 10 20.5	01 38.94 +05 22.8 20.9	-1.00 - 3.7	1.7/19.2	14777
2004 EJ ₆₄	2007 10 20.5	01 38.97 -08 32.5 19.9	-0.78 - 3.0	5.7/14.9	26712
2003 WO ₁₃₇	2007 10 20.5	01 38.99 +24 52.6 18.2	-0.79 -10.3	6.1/26.0	25970
2004 XE ₁₂₁	2007 10 20.5	01 39.05 +17 31.9 17.9	-0.85 - 5.9	3.8/22.8	26014
2002 TH ₉₇	2007 10 20.5	01 39.05 +12 04.8 19.7	-0.84 - 4.6	0.6/21.1	26642
2002 EM ₈₉	2007 10 20.5	01 39.07 +10 24.4 19.5	-0.93 - 7.5	0.0/20.6	26615
2006 HG ₄₆	2007 10 20.5	01 39.09 +00 27.7 20.8	-0.96 - 6.0	3.5/17.7	26157
2002 NG ₆₀	2007 10 20.5	01 39.10 -07 07.3 20.4	-0.87 - 4.4	5.9/15.3	00295
2000 QE ₁₈₅	2007 10 20.5	01 39.11 -00 38.9 18.0	-0.84 - 3.7	5.7/17.4	26574
2002 CN ₃₃	2007 10 20.5	01 39.11 +06 56.0 19.2	-1.12 - 1.6	1.5/19.8	26609
2002 PX ₈₉	2007 10 20.5	01 39.12 +25 33.8 18.6	-0.85 - 7.6	5.5/25.8	25860
2002 GS ₁₃₆	2007 10 20.5	01 39.12 +11 00.3 18.5	-1.04 - 2.7	0.3/20.8	26619
2005 ET ₁₃₉	2007 10 20.5	01 39.15 +06 40.6 20.0	-0.79 - 3.9	1.0/19.5	26735
2002 DM ₁	2007 10 20.5	01 39.16 +11 44.8 20.3	-0.99 - 6.6	0.5/21.0	23849
2004 XV ₁₁₀	2007 10 20.6	01 39.13 +16 31.9 18.5	-1.08 - 3.3	3.0/22.3	26719
2005 EN ₁₂₈	2007 10 20.6	01 39.14 +10 27.0 19.6	-0.84 - 5.6	0.1/20.6	26033
2004 BE ₅₄	2007 10 20.6	01 39.16 +29 14.9 21.1	-0.85 - 3.2	4.7/26.4	25988
2003 WO ₈₆	2007 10 20.6	01 39.17 +32 09.5 19.5	-0.88 -10.3	7.3/28.7	26692
2005 EP ₁₉₄	2007 10 20.6	01 39.19 +08 21.0 20.4	-0.78 - 5.9	0.6/20.0	26037
2005 EG ₄₃	2007 10 20.6	01 39.22 +15 25.8 21.0	-0.93 - 3.7	1.6/22.1	77823
2007 RC ₁₄₂	2007 10 20.6	01 39.34 +10 55.6 18.0	-1.05 + 2.7	0.2/20.8	26439
2004 BH ₃₃	2007 10 20.6	01 39.36 +08 37.0 20.0	-0.81 - 4.1	0.5/20.2	25987
2003 RL ₁₆	2007 10 20.6	01 39.41 +10 38.4 19.0	-0.86 - 9.4	0.1/20.8	26665
2001 KR ₂₂	2007 10 20.6	01 39.42 +00 18.0 18.9	-0.90 - 2.0	3.5/18.0	25820
2002 CJ ₃₀₂	2007 10 20.6	01 39.47 -04 34.9 19.0	-0.96 - 4.7	6.7/16.3	25846
2004 BU ₂₃	2007 10 20.6	01 39.49 -03 39.8 19.0	-0.82 - 1.9	6.8/16.7	25987
2004 CH ₅₄	2007 10 20.6	01 39.49 +06 34.8 19.9	-0.77 - 4.4	1.1/19.6	26708
1996 ET ₅	2007 10 20.6	01 39.50 +19 31.3 20.5	-0.94 - 2.8	2.7/23.3	03140
2005 AW ₁₄	2007 10 20.6	01 39.50 +23 50.3 19.8	-1.12 - 3.1	5.1/24.3	26017
2005 EG ₂₇	2007 10 20.6	01 39.50 +15 35.6 21.0	-0.92 - 3.7	1.6/22.2	77821
1998 DT ₈	2007 10 20.6	01 39.53 +01 49.6 22.1	-0.91 - 6.0	2.7/18.1	31223
2006 KM ₁₆	2007 10 20.6	01 39.57 +09 37.5 20.3	-0.94 - 8.7	0.3/20.5	26767
2002 EP ₇₃	2007 10 20.7	01 39.52 +10 19.4 20.4	-0.96 - 5.8	0.0/20.7	26614
2003 YL ₉₂	2007 10 20.7	01 39.52 -00 37.7 19.0	-0.94 - 1.3	4.0/17.9	26701
2002 VZ ₈₀	2007 10 20.7	01 39.55 -18 37.1 19.5	-0.85 - 1.1	7.7/11.9	26650
2005 EF ₂₅₀	2007 10 20.7	01 39.57 +05 12.1 21.0	-0.78 - 6.9	1.5/19.1	76991
2006 HR ₂₈	2007 10 20.7	01 39.59 -17 17.1 19.9	-0.93 - 1.8	9.4/12.9	02322
2000 TX ₁₀	2007 10 20.7	01 39.61 +12 36.5 19.0	-1.09 - 2.5	12.1/11.0	26579
2006 HL ₁₀₁	2007 10 20.7	01 39.63 +07 17.4 18.4	-0.77 -10.9	1.4/19.7	26164
2005 EH ₅₈	2007 10 20.7	01 39.65 -00 36.7 19.2	-0.77 -10.6	4.0/16.9	26031
2000 GP ₁₂₁	2007 10 20.7	01 39.66 +09 29.7 20.1	-0.84 - 4.0	0.3/20.5	26570
1999 UO ₅₆	2007 10 20.7	01 39.67 +19 30.1 18.6	-1.00 - 3.2	3.7/23.3	26560
2007 TB ₂	2007 10 20.7	01 39.72 +12 53.9 18.5	-1.02 - 2.7	1.4/22.0	26514
2004 BT ₂₉	2007 10 20.7	01 39.72 +29 08.5 19.4	-0.97 - 2.4	6.7/26.2	26704
2000 WP ₁₄₀	2007 10 20.7	01 39.73 +05 23.9 19.2	-1.00 - 4.2	2.2/19.4	26583
2005 EN ₂₇₀	2007 10 20.7	01 39.74 +33 01.4 20.5	-0.88 - 3.5	5.8/28.1	15819
2004 HV ₅₄	2007 10 20.7	01 39.74 +02 47.8 19.8	-0.87 - 1.5	2.1/18.7	65770
1997 WZ ₅	2007 10 20.7	01 39.75 +09 24.8 19.4	-0.78 - 5.4	0.3/20.5	26551
1981 ES ₃₇	2007 10 20.7	01 39.76 +13 01.6 20.5	-0.97 - 6.9	0.9/21.6	31800
2007 TJ ₁₁	2007 10 20.7	01 39.78 +10 17.0 19.1	-0.85 - 6.5	0.0/20.7	26520

2001 DV ₁₀₀	2007 10 20.7	01 39.78 +06 20.4 18.6	-1.01 - 3.3	1.8/19.7	26588
2007 TO ₈₀	2007 10 20.7	01 39.79 +04 42.5 19.6	-0.81 - 4.2	2.0/19.1	26538
2003 OY ₂₃	2007 10 20.7	01 39.79 +07 34.8 18.6	-0.86 - 9.0	1.2/19.9	26660
2005 GS ₄₈	2007 10 20.7	01 39.80 +08 28.8 21.1	-0.80 - 3.7	0.5/20.2	86689
2003 QV ₁	2007 10 20.7	01 39.81 +09 50.7 19.7	-0.92 - 6.1	0.2/20.6	26661
2002 CL ₅₂	2007 10 20.7	01 39.82 +13 31.5 20.9	-1.05 - 5.1	1.2/21.6	26609
2003 SY ₈₄	2007 10 20.7	01 39.84 +01 32.5 17.4	-0.88 -20.0	3.5/17.4	26668
2000 WQ ₇₀	2007 10 20.7	01 39.89 +17 23.7 19.1	-1.09 - 1.7	3.2/22.5	26583
2007 TY ₇₀	2007 10 20.7	01 39.91 +05 06.2 19.1	-0.98 - 2.0	2.4/19.4	26536
2002 VO ₁₃₃	2007 10 20.7	01 39.93 +16 33.2 19.0	-0.79 - 5.6	2.0/22.7	26652
2002 CQ ₁₄₀	2007 10 20.7	01 39.94 +13 32.1 20.8	-1.00 - 5.8	1.1/21.7	26610
1999 VE ₁₆₈	2007 10 20.7	01 39.96 +06 05.3 18.4	-0.91 - 0.3	2.2/19.7	26562
2005 CN ₂₁	2007 10 20.8	01 39.89 +11 58.2 19.4	-1.01 - 4.3	0.6/21.2	26726
2003 SV ₃₅₆	2007 10 20.8	01 39.89 +12 43.4 20.4	-0.96 - 5.7	0.8/21.5	23927
2005 EA ₁₂₉	2007 10 20.8	01 39.89 +10 47.8 20.7	-0.87 - 5.3	0.1/20.9	76894
2004 CB ₁₁₅	2007 10 20.8	01 39.96 -31 30.1 20.4	-0.79 - 3.3	11.1/04.7	87615
2004 BH ₉₇	2007 10 20.8	01 39.96 -16 04.1 19.8	-0.69 - 7.6	7.0/11.1	24438
2006 JV ₂₄	2007 10 20.8	01 40.00 +19 49.3 20.6	-0.87 - 8.9	3.1/24.0	01749
2006 GQ ₃₈	2007 10 20.8	01 40.05 +09 23.8 20.0	-0.91 -10.2	0.3/20.5	26759
2004 CM ₆₃	2007 10 20.8	01 40.15 -05 17.5 20.1	-0.76 - 3.5	4.5/16.1	76415
2003 MW ₂	2007 10 20.8	01 40.18 -01 31.4 20.5	-0.95 - 5.7	4.7/17.4	26658
2003 YY ₁₈₀	2007 10 20.8	01 40.18 +14 29.1 19.7	-0.93 - 3.9	1.5/22.0	25985
2005 CB ₂₁	2007 10 20.8	01 40.19 +14 54.3 20.0	-1.06 - 2.8	1.7/22.0	26726
2003 SO ₃₂₂	2007 10 20.8	01 40.21 +17 52.9 19.4	-0.92 - 6.2	2.8/23.2	26676
2005 CL ₆₅	2007 10 20.8	01 40.24 +05 31.0 19.4	-0.99 - 4.8	2.0/19.5	26728
2003 YN ₁₁₅	2007 10 20.8	01 40.24 -11 37.7 20.8	-0.77 - 2.1	5.3/14.4	87602
2005 EQ ₁₁₉	2007 10 20.8	01 40.27 -00 11.7 21.6	-0.77 - 7.5	2.9/17.4	77834
2004 CY ₇₃	2007 10 20.8	01 40.29 -12 33.5 18.4	-0.76 - 7.5	9.7/12.3	25992
1999 VH ₁₄₇	2007 10 20.8	01 40.30 +24 42.5 18.1	-0.80 -11.7	5.7/26.2	26561
2006 KF ₂	2007 10 20.9	01 40.30 +08 59.2 19.9	-0.92 - 3.3	0.4/20.5	26767
2002 GY ₄₄	2007 10 20.9	01 40.32 +11 28.0 20.5	-0.96 - 5.2	0.4/21.2	02093
2000 SS ₁₅₉	2007 10 20.9	01 40.34 +08 50.4 19.7	-0.94 - 9.6	0.7/20.4	26577
2007 TU ₁₁	2007 10 20.9	01 40.34 +11 26.0 18.8	-0.86 - 7.2	0.5/21.2	26520
2004 VE ₇₅	2007 10 20.9	01 40.35 +41 13.3 19.8	-1.18 - 6.3	10.3/31.1	74437
2004 DO ₇₉	2007 10 20.9	01 40.38 -08 28.9 20.7	-0.77 - 2.4	5.0/15.4	25994
2005 GZ ₁₀	2007 10 20.9	01 40.39 -05 36.1 19.9	-0.76 - 4.8	4.8/15.9	26741
2003 SB ₂₀₃	2007 10 20.9	01 40.41 +15 21.1 19.8	-1.03 - 4.1	1.9/22.3	26672
2003 YY ₃₃	2007 10 20.9	01 40.43 -14 04.1 19.3	-0.88 - 1.8	10.2/13.6	26699
2000 TX ₄₈	2007 10 20.9	01 40.44 +04 18.5 18.7	-1.09 - 2.4	2.6/19.4	26580
2002 TJ ₂₁₃	2007 10 20.9	01 40.47 +11 44.5 19.7	-0.83 - 4.5	0.5/21.3	26645
2003 UD ₂₆₅	2007 10 20.9	01 40.51 -04 39.9 18.9	-0.91 - 1.7	6.5/16.9	25950
1999 XT ₂₃₈	2007 10 20.9	01 40.52 +18 22.4 18.7	-0.93 - 5.1	3.2/23.3	26565
2005 EA ₁₅₅	2007 10 20.9	01 40.52 +13 39.8 19.3	-0.92 - 2.9	1.1/21.8	26735
2003 SW ₃	2007 10 20.9	01 40.58 +15 06.6 19.8	-1.03 - 3.2	1.7/22.2	26665
2002 CH ₁₇₅	2007 10 20.9	01 40.61 +14 17.4 19.4	-1.05 - 5.4	1.7/22.0	26611
2002 RW ₂₆₆	2007 10 20.9	01 40.64 +28 25.7 20.6	-1.01 - 2.5	5.7/26.1	17449
2006 HL ₉	2007 10 20.9	01 40.70 +06 53.5 20.9	-1.02 - 5.1	1.3/20.0	02319
2002 VJ ₅₅	2007 10 20.9	01 40.70 -07 47.9 18.8	-0.79 - 3.4	6.2/15.5	26650
2002 QL ₁	2007 10 21.0	01 40.64 +15 59.6 20.1	-0.89 - 5.0	1.8/22.7	26630
1998 HW ₁₅₄	2007 10 21.0	01 40.64 +09 26.1 18.8	-0.97 - 6.5	0.4/20.7	26552
2007 TQ ₄₇	2007 10 21.0	01 40.67 +14 26.1 19.3	-0.85 - 5.2	1.4/22.2	26531

2002 RG ₁₅₅	2007 10 21.0	01 40.67 +16 16.6 19.3	-0.87 - 4.7	2.1/22.7	26637
2001 FS ₁₅₄	2007 10 21.0	01 40.68 +02 06.9 20.6	-0.80 - 8.4	2.6/18.3	77528
2004 EH ₅₂	2007 10 21.0	01 40.74 -07 35.8 20.0	-0.73 - 5.0	5.3/15.2	87620
2007 TH	2007 10 21.0	01 40.77 -04 16.7 19.8	-0.68 - 4.3	4.0/16.4	26513
2003 XQ ₁₂	2007 10 21.0	01 40.77 +02 13.6 19.0	-1.08 + 1.1	3.2/19.2	26697
2002 VD ₄₂	2007 10 21.0	01 40.77 +21 55.7 19.0	-0.81 - 5.7	4.0/24.7	61561
2000 JC ₁	2007 10 21.0	01 40.77 -26 03.8 20.4	-0.92 - 1.9	9.2/09.0	77462
2003 YT ₂₃	2007 10 21.0	01 40.82 +02 58.6 19.6	-0.88 - 4.9	2.8/18.8	26698
2004 CD ₅₆	2007 10 21.0	01 40.84 +31 42.0 21.8	-0.84 - 3.6	5.2/27.8	69671
2000 DH ₂₀	2007 10 21.0	01 40.86 +17 00.4 19.4	-0.90 - 4.5	2.2/23.0	26568
2004 DQ ₄₂	2007 10 21.0	01 40.88 +11 30.5 18.0	-1.02 + 1.2	0.4/21.3	26710
2005 EK	2007 10 21.0	01 40.94 +15 38.9 19.9	-0.92 - 4.8	1.7/22.6	26729
2002 JR ₂₀	2007 10 21.0	01 41.01 -01 53.3 19.3	-1.00 - 4.3	4.7/17.6	26621
2002 CA ₂₃₈	2007 10 21.0	01 41.02 +23 23.2 18.8	-1.08 - 4.7	5.1/24.8	26612
1999 XH ₉₄	2007 10 21.0	01 41.07 +18 40.9 18.1	-0.92 - 5.4	3.4/23.5	26563
2002 QW ₇₉	2007 10 21.1	01 41.03 -20 28.4 18.9	-0.74 - 5.6	12.5/09.3	97612
2002 SW ₆	2007 10 21.1	01 41.12 +05 18.6 20.1	-0.82 - 4.5	1.7/19.6	26639
2003 XQ ₁₆	2007 10 21.1	01 41.15 +17 13.3 18.7	-0.83 - 9.6	2.5/23.4	26697
2006 JV ₄₂	2007 10 21.1	01 41.16 +06 57.0 21.7	-0.96 - 5.3	1.3/20.1	01765
2001 RJ ₁₂₀	2007 10 21.1	01 41.20 -00 39.2 19.1	-0.76 - 4.1	3.6/17.8	26597
1999 XU ₁₃₂	2007 10 21.1	01 41.26 +08 36.2 17.1	-1.02 + 0.7	0.9/20.7	26564
2002 QR ₄₇	2007 10 21.1	01 41.26 +08 18.1 19.3	-0.89 - 3.4	0.8/20.5	25865
2003 YL ₁₂	2007 10 21.1	01 41.27 +34 10.0 19.4	-1.03 - 2.9	8.7/28.3	95148
2004 CS ₁₂₀	2007 10 21.1	01 41.33 +10 22.3 20.1	-0.76 - 4.5	0.0/21.1	26709
2003 VK ₈	2007 10 21.1	01 41.34 -05 53.4 19.4	-0.99 - 0.5	5.7/17.2	26689
2006 KO ₁₁	2007 10 21.1	01 41.36 +13 05.1 20.9	-0.84 - 6.5	0.8/22.0	01789
2000 ST ₂₅₃	2007 10 21.1	01 41.36 -00 34.7 19.3	-0.91 - 7.6	4.6/17.7	26578
2002 GD ₂₄	2007 10 21.1	01 41.37 +13 22.9 21.4	-0.99 - 4.3	0.9/22.0	10869
2000 SO ₉₃	2007 10 21.1	01 41.37 +23 07.0 18.9	-0.96 - 5.9	6.0/25.1	26576
2000 QZ ₁₇₅	2007 10 21.1	01 41.40 +05 18.5 20.8	-0.78 - 7.1	1.6/19.5	26571
2006 JX ₅	2007 10 21.1	01 41.42 +13 00.0 20.0	-0.90 - 6.0	0.9/22.0	26764
2005 JO ₁₃₈	2007 10 21.1	01 41.44 +07 03.4 19.9	-0.71 - 7.3	1.0/20.0	26747
2000 QO ₂₁₆	2007 10 21.1	01 41.44 +07 18.8 19.3	-1.01 - 4.8	1.5/20.3	26574
2000 CK ₈₁	2007 10 21.2	01 41.43 -00 44.2 19.8	-0.87 - 6.4	4.1/17.7	26568
2003 QX ₃₁	2007 10 21.2	01 41.48 +09 27.4 18.5	-0.85 - 6.7	0.5/20.9	26662
2005 GP ₉₄	2007 10 21.2	01 41.52 +07 35.8 20.2	-0.88 - 3.9	1.0/20.4	87666
2003 YY ₁₄₆	2007 10 21.2	01 41.54 +34 45.1 18.7	-1.03 - 3.8	9.6/29.0	26702
2007 RM ₂₄	2007 10 21.2	01 41.55 -01 19.7 17.8	-0.76 - 7.2	5.8/17.4	26787
2002 TO ₁₅₄	2007 10 21.2	01 41.57 +07 57.6 20.0	-0.78 - 9.7	0.8/20.4	97622
2007 SZ ₃	2007 10 21.2	01 41.61 +14 46.3 18.6	-1.29 + 4.4	1.8/22.0	26502
2006 GZ ₃₀	2007 10 21.2	01 41.66 +05 09.2 19.9	-1.07 - 4.0	2.1/19.8	26758
2002 GZ ₁₂₆	2007 10 21.2	01 41.70 +09 01.3 20.3	-0.96 - 6.2	0.6/20.8	72614
1998 HN ₂₅	2007 10 21.2	01 41.75 +05 37.3 20.4	-0.96 - 5.6	1.8/19.8	26552
2004 BN ₁₃₀	2007 10 21.3	01 41.81 +11 59.3 19.8	-0.81 - 5.0	0.5/21.7	25990
2006 KG ₅₄	2007 10 21.3	01 41.82 -04 58.5 19.1	-0.94 - 4.9	6.1/17.4	26768
2000 YW ₁₃₃	2007 10 21.3	01 41.84 +12 52.4 19.6	-1.01 - 4.3	1.0/22.0	26585
2002 QA ₅	2007 10 21.3	01 41.85 +23 18.5 18.0	-0.86 - 4.3	5.4/25.2	26630
2002 VR ₅₀	2007 10 21.3	01 41.87 -00 14.0 19.4	-0.97 + 0.5	3.7/18.8	26650
2003 BO ₄₆	2007 10 21.3	01 41.87 -03 56.3 17.1	-0.54 -23.3	5.6/14.7	26656
2005 CJ ₆	2007 10 21.3	01 41.88 +06 52.8 20.0	-0.94 - 6.3	1.4/20.2	26725
2003 WE ₆₇	2007 10 21.3	01 41.88 +23 41.7 19.2	-0.87 - 8.1	5.1/25.8	25962

2004 FN ₈₄	2007 10 21.3	01 41.93 +03 25.4 20.9	-0.80 - 2.5	1.9/19.3	04302
2005 ED ₂₀	2007 10 21.3	01 41.95 +05 13.7 20.7	-0.84 - 5.0	1.6/19.8	24459
2000 WN ₄₈	2007 10 21.3	01 41.96 +00 27.1 17.9	-0.87 - 5.8	5.1/18.2	26582
2001 MG	2007 10 21.3	01 41.99 +18 30.8 18.7	-0.78 - 6.9	2.6/24.0	26591
2002 QN ₅	2007 10 21.3	01 42.03 +17 09.9 19.2	-0.82 - 7.1	2.4/23.5	25864
1999 FQ ₁₉	2007 10 21.3	01 42.04 +22 21.9 22.9	-0.80 - 4.1	2.6/24.9	87349
2001 SR ₁₄₄	2007 10 21.3	01 42.04 -03 18.1 19.7	-0.69 - 8.7	3.6/16.6	26599
2003 WB ₇₁	2007 10 21.3	01 42.06 +26 18.5 18.2	-1.19 + 1.8	6.7/24.8	26691
2001 TJ ₁₅₃	2007 10 21.3	01 42.06 +03 43.1 19.2	-0.83 - 2.3	2.3/19.5	25838
2002 VE ₈₈	2007 10 21.3	01 42.08 +06 32.4 19.4	-0.89 - 1.6	1.4/20.3	26651
2006 DC ₁₅₃	2007 10 21.3	01 42.10 +08 31.8 19.5	-0.97 - 8.1	0.8/20.7	26755
2002 RE ₅₅	2007 10 21.3	01 42.12 +18 29.8 18.8	-0.87 - 5.1	2.7/23.8	26635
2003 US ₂₈₂	2007 10 21.3	01 42.12 -14 07.8 18.9	-0.86 - 1.3	10.7/14.2	18063
2005 ET ₁₉₇	2007 10 21.3	01 42.15 -16 56.3 21.5	-0.74 - 2.6	6.3/12.9	77845
2003 OY ₃	2007 10 21.3	01 42.18 +07 33.1 19.7	-0.98 - 5.8	1.2/20.5	26659
2005 EB ₁₄₇	2007 10 21.3	01 42.18 +09 18.9 19.4	-0.80 - 6.9	0.4/21.0	26735
2005 EX ₁₃₆	2007 10 21.3	01 42.18 +14 06.4 19.7	-1.05 - 0.8	1.2/22.2	26033
2003 WO ₂₂	2007 10 21.3	01 42.19 +31 26.5 19.5	-0.94 - 7.6	7.1/28.4	26690
2004 FM ₂₇	2007 10 21.3	01 42.19 +01 51.0 20.1	-0.69 - 8.5	2.6/18.4	26712
2003 UQ ₈₄	2007 10 21.3	01 42.22 +08 13.9 20.1	-0.90 - 5.3	0.9/20.7	26680
2002 RM ₁₂₈	2007 10 21.4	01 42.19 +16 50.3 20.0	-0.81 - 9.6	2.2/23.6	26636
2004 PQ ₂₆	2007 10 21.4	01 42.24 -32 34.4 20.6	-1.06 - 5.7	17.9/04.6	02205
2005 AZ ₆₇	2007 10 21.4	01 42.32 -03 25.1 19.9	-0.84 - 3.4	4.0/17.5	26723
2005 GU ₁₀₉	2007 10 21.4	01 42.33 +06 22.8 20.4	-0.79 - 9.3	1.5/20.0	26743
2005 EX ₂₁₉	2007 10 21.4	01 42.35 +20 05.9 20.4	-0.86 - 7.0	2.9/24.5	76974
2001 OT ₂₅	2007 10 21.4	01 42.39 -00 13.9 19.5	-0.77 - 5.2	3.4/18.2	26592
2005 EJ ₄₉	2007 10 21.4	01 42.49 +19 43.7 20.2	-0.88 - 3.7	2.5/24.1	11082
2002 UG ₉	2007 10 21.4	01 42.50 -13 49.5 18.3	-0.77 - 3.5	9.2/13.5	26647
2001 RP ₆₂	2007 10 21.4	01 42.52 +05 24.8 18.6	-0.81 - 2.2	1.8/20.1	25831
2001 SQ ₃₁₄	2007 10 21.4	01 42.53 +07 30.9 19.4	-0.80 - 2.7	0.9/20.6	26600
2006 KN ₁₁₇	2007 10 21.4	01 42.54 +00 43.9 21.5	-0.81 - 7.4	3.0/18.4	26181
2000 CT ₁₃₅	2007 10 21.4	01 42.57 +01 53.5 19.6	-0.81 - 5.3	3.2/18.9	26568
2006 LK ₄	2007 10 21.4	01 42.57 -18 58.9 19.0	-0.78 - 2.1	10.0/12.5	26770
2002 CL ₄	2007 10 21.5	01 42.52 -04 41.0 17.8	-0.73 - 4.2	8.4/16.7	26608
2003 UV ₁₀₁	2007 10 21.5	01 42.55 +04 37.4 19.5	-0.88 - 5.4	2.4/19.7	25940
2002 QF ₇₂	2007 10 21.5	01 42.55 +14 21.6 19.4	-0.89 - 4.1	1.4/22.6	26632
1999 US ₂₅	2007 10 21.5	01 42.55 +10 20.5 17.5	-0.91 - 0.0	0.1/21.4	26559
2000 SF ₁₃₄	2007 10 21.5	01 42.56 +17 09.5 17.8	-0.86 - 9.8	3.0/23.7	26577
2005 LM ₁₄	2007 10 21.5	01 42.58 +02 31.1 21.1	-0.72 - 5.0	2.2/19.0	14172
2003 YN ₄₄	2007 10 21.5	01 42.58 +26 43.5 21.6	-0.81 - 4.0	4.0/26.6	11011
2000 SU ₃₀₀	2007 10 21.5	01 42.64 +14 42.4 17.9	-0.89 - 7.4	2.0/22.8	25812
2005 BC ₃₀	2007 10 21.5	01 42.67 +12 27.2 21.1	-0.98 - 5.7	0.7/22.0	26022
2003 UC ₂₇₇	2007 10 21.5	01 42.67 +19 22.8 18.1	-0.76 -11.5	3.7/24.7	26688
2005 CF ₉	2007 10 21.5	01 42.70 +00 44.3 21.3	-0.92 - 5.1	3.4/18.6	76640
2003 LY ₃	2007 10 21.5	01 42.75 +40 05.8 18.2	-1.03 -15.6	11.9/03.7	26658
2005 CN ₅₈	2007 10 21.5	01 42.84 +07 29.1 19.9	-0.89 - 7.8	1.2/20.6	26728
2001 RC ₈₂	2007 10 21.5	01 42.87 +20 48.4 19.2	-0.78 - 6.3	3.2/24.9	26596
2007 TQ ₄	2007 10 21.5	01 42.88 +06 48.7 19.2	-1.09 + 1.2	1.6/20.8	26515
2001 FU ₅₅	2007 10 21.5	01 42.88 +03 34.5 19.6	-0.95 - 3.7	2.5/19.6	26589
2003 SA ₁₁₆	2007 10 21.5	01 42.88 +14 43.7 19.2	-0.89 - 7.4	1.7/22.9	25926
2003 QE ₃₄	2007 10 21.5	01 42.91 +22 39.1 19.1	-1.08 - 4.3	5.2/25.1	25912

2000 EN ₂₈	2007 10 21.5	01 42.91 +08 42.6 19.9	-1.00 - 2.6	0.6/21.1	26569
2003 QN ₉₆	2007 10 21.5	01 42.94 +13 41.9 20.2	-0.88 - 5.5	1.4/22.5	25916
2003 WK ₉₆	2007 10 21.6	01 42.93 +07 16.2 19.9	-0.95 - 3.9	1.2/20.7	26693
2002 CS ₁₆₀	2007 10 21.6	01 42.94 +03 22.4 19.3	-1.07 - 3.5	2.9/19.7	26611
2002 QJ ₉₁	2007 10 21.6	01 42.94 +03 43.1 19.4	-0.90 - 2.5	2.7/19.7	25868
2002 AU ₁₅₁	2007 10 21.6	01 42.95 -04 14.7 19.9	-0.95 - 5.2	5.2/17.3	17989
2001 DP ₉₁	2007 10 21.6	01 43.00 +26 10.6 19.1	-1.08 - 2.0	5.7/25.8	26588
2007 TN ₉₄	2007 10 21.6	01 43.02 +04 39.4 19.8	-0.80 - 8.0	2.1/19.7	26539
2002 JN ₆₇	2007 10 21.6	01 43.05 +27 13.2 20.2	-0.94 - 9.1	5.6/27.4	02102
2004 BX ₁₅	2007 10 21.6	01 43.06 +16 33.2 19.9	-0.85 - 3.6	1.7/23.3	26704
2002 CS ₉₄	2007 10 21.6	01 43.06 +15 26.7 19.7	-1.04 - 4.3	1.7/22.9	26610
2003 WX ₁₁₉	2007 10 21.6	01 43.06 +06 54.1 18.7	-0.93 - 2.4	1.5/20.6	25967
2005 JK ₂₃	2007 10 21.6	01 43.08 +09 32.9 20.1	-0.82 - 3.7	0.3/21.3	26746
2003 QS ₇₆	2007 10 21.6	01 43.09 -04 47.9 19.3	-0.80 -11.7	6.3/16.2	26664
2002 XA ₉₁	2007 10 21.6	01 43.10 +16 19.2 18.4	-1.03 + 1.3	2.0/22.9	26655
2002 CJ ₁₁₅	2007 10 21.6	01 43.12 +45 38.5 20.3	-1.41 - 1.4	11.1/01.2	00163
2007 TN ₁₁₃	2007 10 21.6	01 43.12 -01 25.8 18.4	-0.92 - 6.3	5.5/17.9	26541
1999 VM ₁₇₄	2007 10 21.6	01 43.15 +16 11.0 18.9	-0.95 - 2.8	2.5/23.1	26562
2002 SK ₆₃	2007 10 21.6	01 43.15 +10 13.4 19.8	-0.87 - 3.7	0.2/21.5	26640
2001 QA ₄₈	2007 10 21.6	01 43.16 -11 40.6 19.4	-0.72 - 6.0	7.0/14.1	24331
2006 DW ₁₁₅	2007 10 21.6	01 43.16 +16 48.3 18.6	-1.24 + 1.4	3.0/23.0	26137
2002 VT ₅₅	2007 10 21.6	01 43.19 +10 32.1 18.3	-0.89 - 1.5	0.1/21.6	26650
2000 UD ₄₇	2007 10 21.6	01 43.19 +07 29.4 18.1	-1.01 - 3.4	1.5/20.8	26580
2004 CR ₈₉	2007 10 21.6	01 43.19 -05 52.3 20.8	-0.76 - 4.0	4.9/16.6	97698
2005 AQ ₁₅	2007 10 21.6	01 43.25 -02 46.3 19.2	-0.98 - 4.5	5.7/17.8	26721
2005 EK ₇₄	2007 10 21.6	01 43.25 +09 55.5 20.4	-0.85 - 5.3	0.2/21.4	04318
2006 KF ₅₇	2007 10 21.6	01 43.26 +01 20.9 21.0	-0.91 - 4.7	3.3/19.0	03924
1999 XD ₁₂₉	2007 10 21.6	01 43.29 +14 55.0 18.8	-1.01 - 2.2	1.7/22.8	26564
2003 US ₁₃₂	2007 10 21.6	01 43.29 +13 12.8 18.5	-1.06 + 0.6	1.1/22.3	25942
1999 WD ₆	2007 10 21.6	01 43.30 -08 57.8 18.5	-1.04 + 3.1	9.1/17.5	26562
2005 CW ₅₃	2007 10 21.6	01 43.32 +07 28.1 19.2	-0.96 - 5.8	1.3/20.8	26728
2005 EF ₉₀	2007 10 21.6	01 43.33 +13 45.2 20.1	-0.85 - 5.1	1.0/22.6	26733
2003 OR ₁₈	2007 10 21.6	01 43.37 +50 27.0 19.1	-1.60 + 0.3	15.0/04.0	74261
2005 EX ₁₂₁	2007 10 21.7	01 43.30 +12 45.4 19.1	-0.94 - 5.7	0.9/22.0	26734
2006 HV ₉₆	2007 10 21.7	01 43.32 +14 41.1 18.9	-0.83 - 8.7	1.9/23.0	26763
1996 VG ₃₅	2007 10 21.7	01 43.36 +21 37.0 19.7	-0.78 - 5.4	3.1/25.2	26550
2002 TF ₃₁₄	2007 10 21.7	01 43.38 -05 31.9 19.5	-0.75 - 5.9	5.2/16.5	26647
2003 YF ₉₄	2007 10 21.7	01 43.41 +06 10.6 19.6	-0.81 - 3.9	1.4/20.4	26701
2005 CQ ₂₃	2007 10 21.7	01 43.50 +13 28.7 19.1	-0.90 - 8.8	1.1/22.6	26726
2001 TV ₁₄	2007 10 21.7	01 43.50 +00 17.5 19.4	-0.72 - 4.6	3.2/18.5	26601
2006 EO ₄₄	2007 10 21.7	01 43.50 +10 00.0 19.7	-1.00 - 7.5	0.3/21.5	26142
2002 PS ₁₈₁	2007 10 21.7	01 43.53 +16 23.7 20.5	-0.83 - 8.0	1.9/23.6	25864
2002 QR ₇₄	2007 10 21.7	01 43.56 +11 31.9 20.5	-0.88 - 4.3	8.7/11.0	26632
2007 TY ₁₆	2007 10 21.7	01 43.60 +12 02.3 20.1	-1.00 - 4.1	0.6/22.0	26525
2000 AC ₂₁₄	2007 10 21.7	01 43.64 +48 08.1 20.0	-1.15 - 3.3	10.2/04.0	10722
2000 SV ₂₈₁	2007 10 21.7	01 43.64 +28 18.4 20.1	-1.17 - 4.1	6.7/26.8	99985
2003 RR ₂₁	2007 10 21.7	01 43.66 +16 34.8 19.1	-0.96 - 5.1	2.5/23.5	26665
2002 VO ₁₀	2007 10 21.7	01 43.66 +16 43.3 19.3	-0.77 - 7.3	1.9/23.8	26649
2002 GV ₁₇₃	2007 10 21.7	01 43.67 +03 42.0 21.8	-0.94 - 5.3	2.3/19.8	48231
2005 EO ₁₄₈	2007 10 21.7	01 43.69 +06 01.9 21.4	-0.75 - 3.9	1.2/20.4	77838
1999 RV ₁₁₃	2007 10 21.7	01 43.69 +37 20.4 19.8	-1.20 - 3.2	9.4/30.1	01977

2003 UA ₃₀₉	2007 10 21.7	01 43.71 +08 27.2 19.5	-1.03 - 0.9	0.8/21.2	26688
2006 HQ ₁₁₁	2007 10 21.7	01 43.72 +19 59.0 19.9	-1.03 - 6.0	3.5/24.5	03907
2001 RQ ₉₆	2007 10 21.8	01 43.65 +22 51.1 19.2	-0.90 - 2.6	3.9/25.2	26596
2006 HA ₉₀	2007 10 21.8	01 43.68 -15 24.0 20.0	-0.86 - 3.5	8.8/14.1	01707
2006 MQ ₁₃	2007 10 21.8	01 43.69 +10 33.7 20.5	-1.02 - 4.6	9.1/02.0	22820
2000 BG ₄₆	2007 10 21.8	01 43.72 +14 59.3 20.1	-0.88 - 4.4	1.4/23.0	74720
2002 TA ₂	2007 10 21.8	01 43.72 +12 26.4 18.6	-0.83 - 5.1	0.6/22.3	26641
2003 UO ₃₀₃	2007 10 21.8	01 43.80 +20 43.7 19.7	-0.95 - 5.4	3.4/24.8	76177
2002 KY ₁₅	2007 10 21.8	01 43.81 +12 11.1 20.9	-0.93 - 5.7	0.5/22.3	04202
2005 CR ₄₀	2007 10 21.8	01 43.82 +18 44.3 20.1	-1.06 - 1.8	3.7/23.9	26024
2003 WG ₁₄₈	2007 10 21.8	01 43.88 +24 23.6 17.9	-1.25 + 3.2	6.1/24.7	26695
2005 EH ₁₆₆	2007 10 21.8	01 43.90 +03 44.2 20.8	-0.83 - 7.6	2.3/19.6	77840
2001 SH ₂₅₉	2007 10 21.8	01 43.90 -01 48.1 20.3	-0.72 - 5.4	3.5/17.9	26600
2001 AE ₄₇	2007 10 21.8	01 43.93 -26 01.0 20.4	-1.06 + 0.1	9.9/11.5	77500
2007 TW ₆	2007 10 21.8	01 43.95 +18 26.0 19.1	-1.09 - 2.7	3.1/23.8	26516
2005 FS ₇	2007 10 21.8	01 43.97 -03 38.3 20.4	-0.80 - 4.6	4.2/17.5	04324
2003 UU ₁₅₉	2007 10 21.8	01 43.98 +03 52.2 20.8	-0.91 - 3.8	2.3/19.9	26683
2001 SL ₂₉₁	2007 10 21.8	01 43.99 +48 08.5 19.8	-1.16 - 1.1	9.7/03.6	10802
2002 PO ₁₀₄	2007 10 21.8	01 44.04 +17 49.0 19.8	-0.84 - 7.4	2.4/24.2	25861
2003 WN ₁₀₃	2007 10 21.8	01 44.04 -04 14.7 19.6	-0.95 - 1.0	5.0/18.1	76232
2000 EA ₁₁₉	2007 10 21.8	01 44.04 -02 39.2 19.7	-0.86 - 3.8	4.1/18.0	26569
2003 SG ₁₇₆	2007 10 21.8	01 44.05 +12 28.6 20.0	-1.00 - 4.4	0.7/22.4	26671
1999 WW ₁₀	2007 10 21.8	01 44.10 +19 36.0 18.5	-0.82 -26.9	4.0/25.6	26562
2007 TV ₆	2007 10 21.8	01 44.11 +17 09.7 19.3	-1.02 - 7.3	2.6/23.8	26516
2006 HQ ₉₆	2007 10 21.8	01 44.11 +07 51.7 18.5	-0.86 - 3.6	1.5/21.1	26163
2000 SP ₃₄₃	2007 10 21.9	01 44.05 +19 18.5 19.1	-1.04 - 5.9	3.4/24.4	26579
2007 TN ₄	2007 10 21.9	01 44.10 +07 02.3 19.4	-1.05 - 1.5	1.6/21.0	26515
2003 WY ₁₄₇	2007 10 21.9	01 44.11 +02 10.3 19.7	-0.85 - 6.6	3.0/19.2	26695
2002 EK ₁₂₁	2007 10 21.9	01 44.17 +05 09.7 19.1	-1.02 - 5.0	2.4/20.4	26615
2002 HH ₉	2007 10 21.9	01 44.22 +03 39.2 20.4	-0.95 - 5.0	2.5/19.9	26620
2002 XJ ₃₅	2007 10 21.9	01 44.22 +09 26.2 18.7	-0.82 - 2.1	0.6/21.6	25900
2002 JO ₁₇	2007 10 21.9	01 44.23 +11 55.5 20.8	-0.95 - 5.3	0.4/22.3	26621
2005 CP ₄₁	2007 10 21.9	01 44.26 +12 42.3 21.0	-0.96 - 3.9	0.6/22.5	26727
2007 RQ ₅	2007 10 21.9	01 44.27 +16 17.7 18.0	-1.14 + 1.1	2.3/23.2	26349
2001 RJ ₂₅	2007 10 21.9	01 44.29 -03 39.2 19.4	-0.69 - 7.5	4.3/17.1	26596
2000 SL ₃₀₁	2007 10 21.9	01 44.32 +16 53.5 19.1	-0.99 - 5.4	2.8/23.7	26579
2005 AN ₅₃	2007 10 21.9	01 44.33 +12 28.1 19.4	-0.98 - 6.8	0.7/22.5	26019
2001 SV ₈₅	2007 10 21.9	01 44.36 +05 00.4 19.0	-0.71 - 7.5	1.8/20.0	26598
2001 RB ₉	2007 10 21.9	01 44.36 +25 15.3 18.6	-0.71 -14.7	4.8/27.8	26595
2003 XX ₄₀	2007 10 21.9	01 44.41 +04 07.1 19.8	-0.93 - 2.3	2.4/20.2	26698
2003 UN ₃₄₁	2007 10 21.9	01 44.42 +02 31.6 19.2	-0.73 -18.6	3.4/18.7	25953
2000 GJ ₁₂₀	2007 10 21.9	01 44.47 +05 44.8 19.9	-0.74 - 8.4	1.7/20.3	26570
2002 TE ₃	2007 10 21.9	01 44.47 +12 26.6 18.6	-0.94 - 2.1	0.6/22.4	25881
2001 DA ₉₉	2007 10 21.9	01 44.48 +29 51.1 21.1	-1.03 - 3.6	5.7/27.5	10762
2002 OD ₂₄	2007 10 21.9	01 44.49 +34 08.5 19.4	-1.07 - 3.0	8.0/29.1	26627
2005 GB ₁₉	2007 10 22.0	01 44.41 +14 48.6 19.7	-0.96 - 2.2	1.4/23.1	26741
2002 LH ₂₉	2007 10 22.0	01 44.43 +49 41.5 19.6	-1.25 - 4.3	11.0/05.6	74188
2002 CZ ₆₀	2007 10 22.0	01 44.45 +00 29.8 18.9	-1.08 - 2.7	4.3/19.4	26609
2003 SG ₅₃	2007 10 22.0	01 44.56 +22 48.1 18.8	-0.78 - 4.5	6.1/25.9	26667
2002 JB ₈	2007 10 22.0	01 44.61 +00 17.2 19.2	-0.92 - 5.8	3.6/18.9	26621
2003 WN ₃₁	2007 10 22.0	01 44.63 +05 48.4 19.7	-1.09 + 0.9	2.1/20.9	25958

2002 CA ₁₂	2007 10 22.0	01 44.66 +17 22.5 19.6	-1.14 - 3.2	2.7/23.7	26608
2005 CX ₁₁	2007 10 22.0	01 44.70 -06 13.5 19.8	-0.88 - 4.8	5.8/17.0	77809
2006 JX ₁	2007 10 22.0	01 44.71 +12 10.1 20.4	-0.93 - 9.2	0.5/22.5	26764
2001 FC ₉₇	2007 10 22.0	01 44.73 -03 06.5 20.1	-0.88 - 4.4	4.4/18.0	04148
2005 ER ₂₄	2007 10 22.0	01 44.73 -00 40.1 21.6	-0.87 - 5.9	3.7/18.6	76756
2007 TH ₄₈	2007 10 22.0	01 44.73 +15 15.4 19.8	-0.94 - 4.3	2.0/23.3	26532
2001 PG ₁₁	2007 10 22.0	01 44.78 +10 21.5 20.3	-0.84 - 3.6	0.2/21.9	15943
2006 KM ₈	2007 10 22.0	01 44.81 +17 33.2 19.9	-1.00 - 8.4	2.5/24.2	26767
2001 QW ₂₃₁	2007 10 22.0	01 44.85 +17 53.2 19.9	-0.77 - 5.7	2.0/24.3	26595
2001 SB ₁₃₀	2007 10 22.0	01 44.85 +22 35.7 19.0	-0.92 - 1.3	3.8/25.2	26598
2001 PR ₄₆	2007 10 22.0	01 44.86 +04 28.3 19.3	-0.88 - 1.7	2.3/20.5	26593
2000 QB ₂₁₂	2007 10 22.1	01 44.81 +20 17.7 18.1	-1.13 - 2.8	3.9/24.5	26574
2003 SR ₆₀	2007 10 22.1	01 44.81 +24 00.1 20.6	-1.17 - 3.1	5.0/25.7	26667
2006 KZ ₆₂	2007 10 22.1	01 44.87 +13 19.4 19.8	-0.94 - 4.3	0.8/22.8	26769
2006 JR ₁₁	2007 10 22.1	01 44.88 -01 13.8 20.9	-1.02 - 4.9	4.9/18.8	02340
2002 LX ₄₀	2007 10 22.1	01 44.89 -02 58.8 20.3	-0.86 - 5.2	5.1/18.1	26624
2000 UY ₆₇	2007 10 22.1	01 44.89 +26 20.3 18.4	-0.92 - 6.8	7.4/27.0	26581
2003 QL ₁	2007 10 22.1	01 44.93 +19 15.7 19.4	-1.04 - 5.4	3.2/24.6	26661
2003 YJ ₆₂	2007 10 22.1	01 44.94 -03 58.4 20.6	-0.82 - 3.8	4.6/17.8	57499
2003 YL ₆	2007 10 22.1	01 44.94 +21 51.0 19.3	-0.98 - 2.8	4.5/25.1	26698
2005 AC ₄₈	2007 10 22.1	01 44.98 +02 58.7 20.1	-0.96 - 5.9	3.3/19.8	73794
2004 BQ ₉₆	2007 10 22.1	01 45.03 +01 37.3 20.9	-0.76 - 5.1	2.7/19.3	76396
2005 CE ₆₄	2007 10 22.1	01 45.11 +03 13.8 18.7	-0.94 - 5.4	3.4/19.9	26728
2002 VD ₉₃	2007 10 22.1	01 45.12 +03 05.4 19.4	-0.82 - 3.6	2.5/19.9	26651
2005 EG ₈₆	2007 10 22.1	01 45.13 +01 16.7 19.9	-0.86 - 4.9	3.3/19.4	26733
2003 UV ₈₆	2007 10 22.1	01 45.13 +05 54.8 18.6	-0.77 -11.1	2.0/20.4	26680
2002 TM ₁₃₄	2007 10 22.1	01 45.15 +21 21.8 19.2	-0.86 - 4.9	3.8/25.4	26643
2003 UG ₂₀₆	2007 10 22.1	01 45.16 +25 35.4 18.6	-0.83 -13.7	5.3/27.8	26685
1999 TK ₂₈	2007 10 22.1	01 45.18 +14 28.4 19.1	-0.69 - 4.0	1.2/23.3	25793
1999 YN ₁	2007 10 22.1	01 45.18 -10 05.1 18.7	-1.67 + 9.1	10.7/19.6	26565
2003 XQ ₁₄	2007 10 22.1	01 45.21 +27 33.5 19.3	-1.07 - 2.3	5.8/26.5	18064
2001 QQ ₁₁₅	2007 10 22.1	01 45.23 +20 15.8 18.7	-0.80 - 4.9	3.2/25.1	25826
2002 RJ ₂₃₇	2007 10 22.1	01 45.23 +12 04.7 20.2	-0.90 - 3.5	0.4/22.5	25876
2001 QN ₁₇₂	2007 10 22.2	01 45.16 +03 56.2 19.1	-0.69 - 8.6	2.3/19.8	25826
2005 GY ₁₀₈	2007 10 22.2	01 45.17 +07 48.7 19.0	-0.72 - 7.3	1.0/21.2	26743
2005 EM ₂₄₀	2007 10 22.2	01 45.19 +06 26.2 19.7	-0.89 - 5.7	1.7/20.9	26738
2006 DV ₄	2007 10 22.2	01 45.20 +16 09.8 20.5	-1.14 - 4.4	2.1/23.6	01326
2006 HF ₈₀	2007 10 22.2	01 45.20 +09 12.2 20.7	-0.91 - 5.3	0.6/21.7	26763
2005 JD ₆₁	2007 10 22.2	01 45.21 -07 17.6 19.6	-0.79 - 2.7	5.4/16.9	26746
2001 SE ₁₈₆	2007 10 22.2	01 45.24 -09 21.0 19.6	-0.69 - 7.9	5.6/15.2	26599
2004 EF ₇₅	2007 10 22.2	01 45.26 +11 56.9 19.0	-0.73 - 8.1	0.3/22.6	26712
2007 SV ₃	2007 10 22.2	01 45.27 +15 05.4 18.8	-1.22 + 3.1	1.8/23.0	26502
2005 AN ₄₅	2007 10 22.2	01 45.31 +15 16.2 20.1	-0.97 - 6.2	1.6/23.5	77803
2002 OO ₂₅	2007 10 22.2	01 45.33 +04 28.9 19.6	-0.81 - 6.2	2.3/20.3	26627
2004 BJ ₃₇	2007 10 22.2	01 45.36 +12 04.6 20.1	-0.82 - 4.1	0.4/22.6	26705
2001 RL ₂₂	2007 10 22.2	01 45.37 +21 38.2 18.7	-0.89 - 2.1	3.7/25.2	26596
2002 ED ₆₉	2007 10 22.2	01 45.38 +09 10.3 19.0	-0.94 - 7.8	0.7/21.7	26614
2005 AL ₅₃	2007 10 22.2	01 45.49 +07 05.9 20.1	-0.93 - 6.2	1.3/21.1	26723
2002 JD ₅₅	2007 10 22.2	01 45.55 +13 05.6 19.6	-0.98 - 6.4	0.8/22.9	26622
2002 QE ₅₇	2007 10 22.2	01 45.55 -05 37.3 19.3	-0.81 - 5.0	5.7/17.3	26631
2002 OQ ₁₄	2007 10 22.2	01 45.55 +31 19.4 18.9	-0.84 - 7.1	8.4/29.6	48243

2005 CJ ₅	2007 10 22.2	01 45.56 +06 56.8 19.8	-0.97 - 5.4	1.6/21.2	26022
2003 YV ₄₃	2007 10 22.2	01 45.63 +52 42.9 19.0	-1.13 - 3.5	15.7/09.1	57487
2004 BW ₁₁₆	2007 10 22.3	01 45.55 +22 28.6 19.8	-0.92 - 2.2	3.5/25.5	26707
2005 AN ₁₂	2007 10 22.3	01 45.55 +11 13.5 20.3	-1.06 - 4.1	0.1/22.4	73755
2006 FO ₄₉	2007 10 22.3	01 45.56 -15 00.7 20.1	-1.21 + 2.3	9.3/17.0	02314
2007 TF ₄₈	2007 10 22.3	01 45.58 +15 02.5 18.9	-0.85 - 2.5	1.6/23.4	26531
2005 GO ₁₄₁	2007 10 22.3	01 45.59 +10 19.2 20.8	-0.80 - 6.2	0.2/22.1	24470
2004 DZ ₁₇	2007 10 22.3	01 45.60 -01 02.4 19.3	-0.76 - 5.3	3.8/18.6	26710
2003 YY ₁₅₆	2007 10 22.3	01 45.69 -09 03.1 19.4	-0.87 - 2.9	7.9/16.5	26702
2004 BH ₆₃	2007 10 22.3	01 45.70 +11 31.6 20.7	-0.81 - 4.1	0.2/22.5	76389
2006 JT ₄₈	2007 10 22.3	01 45.72 +03 17.5 19.5	-1.01 - 1.1	2.6/20.5	26170
2005 AL ₇₆	2007 10 22.3	01 45.73 +11 19.5 19.1	-0.99 - 3.4	0.2/22.4	26723
2005 EN ₂₁₆	2007 10 22.3	01 45.74 +04 32.5 19.7	-0.69 - 9.2	1.6/20.1	26737
2000 SZ ₃₀₈	2007 10 22.3	01 45.75 +23 50.9 19.1	-1.04 - 2.0	6.7/25.9	25812
2002 EE ₁₀₂	2007 10 22.3	01 45.83 -10 01.8 20.7	-0.94 - 3.9	7.0/16.5	10866
2002 GV ₇₄	2007 10 22.3	01 45.86 +10 48.8 20.3	-0.96 - 6.1	0.0/22.3	26618
2003 WK ₁₃₀	2007 10 22.3	01 45.92 +04 22.8 18.4	-0.93 0.0	3.1/20.8	25969
2006 KD ₇₂	2007 10 22.3	01 45.94 +05 55.8 20.4	-0.94 - 6.9	1.8/20.9	26769
2007 TL ₄₈	2007 10 22.4	01 45.94 +13 58.7 18.3	-0.90 - 4.6	1.5/23.3	26532
2000 KY ₄₆	2007 10 22.4	01 45.96 +16 27.4 19.9	-0.73 - 6.9	1.4/24.2	26572
2006 KW ₁₁₄	2007 10 22.4	01 46.00 -06 51.8 20.9	-0.81 - 7.4	5.3/16.7	03931
2007 RK ₁₆₂	2007 10 22.4	01 46.01 +04 20.7 19.3	-0.93 - 5.6	2.9/20.5	26451
2002 VD ₉₉	2007 10 22.4	01 46.02 +04 03.4 19.3	-0.88 - 1.5	2.3/20.6	26651
2001 OO ₁₇	2007 10 22.4	01 46.03 +15 23.5 19.5	-0.85 - 4.8	1.4/23.8	26592
1999 VK ₁₇	2007 10 22.4	01 46.04 +13 45.1 18.9	-0.94 - 4.7	1.0/23.2	26560
2001 OU ₉₁	2007 10 22.4	01 46.06 +28 06.0 18.8	-0.71 -10.2	6.3/28.9	25822
2005 GP ₁₂₂	2007 10 22.4	01 46.06 +13 15.0 20.3	-0.95 - 5.5	1.0/23.1	26744
2002 LR ₂₂	2007 10 22.4	01 46.07 -02 24.4 21.0	-0.97 - 2.1	4.5/19.0	00276
1999 VX ₁₈₂	2007 10 22.4	01 46.09 +07 35.6 19.4	-0.90 - 3.6	1.5/21.5	26562
2003 BJ ₄₉	2007 10 22.4	01 46.10 +46 37.9 19.2	-1.65 + 3.0	17.8/31.7	70354
2004 BR ₁₄₇	2007 10 22.4	01 46.11 +05 55.6 19.3	-0.84 - 4.7	1.8/21.0	26707
2002 NC ₄₂	2007 10 22.4	01 46.13 -16 30.2 18.3	-0.83 - 2.7	10.8/13.8	26625
2002 OX ₂₁	2007 10 22.4	01 46.14 +38 33.1 20.5	-0.87 - 3.9	14.3/03.3	74193
2003 SS ₆₁	2007 10 22.4	01 46.15 +04 29.9 19.0	-0.89 - 3.2	3.1/20.7	25923
2001 TW ₂₀₇	2007 10 22.4	01 46.15 +09 49.5 20.4	-0.78 - 3.8	0.4/22.1	26602
2004 DH ₁₀	2007 10 22.4	01 46.18 +20 06.9 20.7	-0.79 - 4.1	2.4/25.2	04296
2000 VE ₂₀	2007 10 22.4	01 46.19 +06 49.1 18.7	-0.94 - 4.4	2.0/21.3	26581
2000 AJ ₂₁₄	2007 10 22.4	01 46.21 +09 36.3 20.2	-0.85 - 5.1	0.4/22.1	04129
2002 PX ₁₇₉	2007 10 22.4	01 46.23 +18 41.0 20.1	-0.92 - 4.3	2.7/24.7	12252
2007 TZ ₁₆	2007 10 22.4	01 46.23 +10 29.5 19.6	-0.70 -10.1	0.2/22.3	26525
2003 NO ₁₂	2007 10 22.4	01 46.27 +13 29.9 19.2	-0.94 - 6.1	1.1/23.2	26659
2002 QS ₆₇	2007 10 22.4	01 46.29 +18 37.4 21.0	-0.96 - 3.0	2.4/24.6	26632
2002 RX ₃₈	2007 10 22.4	01 46.34 +00 48.3 19.9	-0.79 - 7.9	3.3/19.2	26634
2003 GK ₂₁	2007 10 22.4	01 46.34 -02 45.3 17.1	-0.92 + 4.9	8.9/19.6	26657
2000 SA ₁₃₃	2007 10 22.4	01 46.36 +26 28.0 17.8	-0.92 - 7.7	7.7/27.8	26577
2001 SH ₈₇	2007 10 22.4	01 46.37 +24 04.5 19.6	-0.90 - 2.3	4.3/26.2	26598
2002 CB ₁₃₄	2007 10 22.5	01 46.33 +05 13.6 19.5	-0.95 - 7.2	2.4/20.8	26610
2000 WS ₁₂₈	2007 10 22.5	01 46.34 +11 44.1 18.9	-0.98 - 6.4	0.3/22.7	26583
2005 GB ₄₃	2007 10 22.5	01 46.34 +04 10.1 20.8	-0.87 - 1.1	1.8/20.8	97782
2006 HA ₁₂₂	2007 10 22.5	01 46.44 -02 53.3 19.9	-0.87 - 3.6	4.6/18.7	26764
2003 QC ₁₂	2007 10 22.5	01 46.53 +10 52.9 18.1	-0.93 - 5.7	0.1/22.5	26661

2005 EJ ₅₂	2007 10 22.5	01 46.56 +08 57.6 19.3	-0.90 - 5.7	0.7/22.0	86645
2003 YF ₆₆	2007 10 22.5	01 46.57 +13 10.2 19.3	-0.90 - 3.8	0.7/23.2	26700
2000 UV ₇₁	2007 10 22.5	01 46.59 +14 14.5 18.7	-1.00 - 5.0	1.4/23.5	26581
2005 EG ₁₇₅	2007 10 22.5	01 46.59 +14 36.5 20.6	-0.86 - 4.9	1.2/23.6	26035
2005 GD ₁₁₈	2007 10 22.5	01 46.59 +07 57.6 20.9	-0.75 - 4.3	0.8/21.7	26744
2006 KK ₅₄	2007 10 22.5	01 46.60 +06 58.4 20.0	-0.97 - 6.7	1.7/21.4	26768
2002 PS ₁₀₉	2007 10 22.5	01 46.61 -02 40.5 19.3	-0.74 -10.7	4.9/17.7	26628
2003 UN ₂₂₇	2007 10 22.5	01 46.65 +17 06.9 19.4	-0.91 - 5.7	2.5/24.4	25948
2001 QR ₂₅₅	2007 10 22.5	01 46.67 +02 56.5 18.7	-0.70 - 8.2	2.7/19.9	26595
2005 AM ₆₁	2007 10 22.5	01 46.67 +21 10.3 19.9	-1.07 - 3.3	4.0/25.3	26723
1997 KN ₁	2007 10 22.5	01 46.69 +03 17.5 19.9	-0.89 - 3.8	2.6/20.4	26551
2006 HF ₃₀	2007 10 22.5	01 46.73 -01 31.5 19.7	-1.02 - 3.1	4.9/19.4	26155
2002 FZ ₂₄	2007 10 22.5	01 46.79 +17 38.7 19.5	-1.15 - 1.4	2.8/24.2	26616
2004 FF ₇₉	2007 10 22.6	01 46.69 +10 03.0 21.8	-0.76 - 4.4	0.3/22.3	73001
2001 SO ₂₀₇	2007 10 22.6	01 46.73 +06 39.1 19.5	-0.73 - 5.7	1.4/21.2	25835
2004 BD ₈₂	2007 10 22.6	01 46.73 +03 44.1 19.5	-0.78 - 8.2	2.6/20.2	26706
1999 UW ₃₂	2007 10 22.6	01 46.75 +11 05.9 19.8	-0.95 - 4.1	0.0/22.6	26560
2005 FA ₈	2007 10 22.6	01 46.75 -13 03.4 19.7	-0.70 - 5.4	6.7/14.7	26740
2002 JE ₄₅	2007 10 22.6	01 46.75 +13 37.5 20.1	-0.95 - 5.7	0.8/23.4	26621
2005 EJ ₆₀	2007 10 22.6	01 46.76 +07 53.4 20.9	-0.83 - 7.1	1.0/21.6	26732
2003 XA ₃	2007 10 22.6	01 46.77 +13 30.0 18.8	-0.78 -10.0	1.0/23.5	25973
2002 QK ₅₉	2007 10 22.6	01 46.79 +22 09.9 20.7	-0.92 - 4.5	4.0/25.9	10893
2003 OA ₂₄	2007 10 22.6	01 46.79 +05 44.4 18.9	-0.89 - 8.4	2.2/21.0	26660
2007 RJ ₁₅	2007 10 22.6	01 46.85 +04 05.9 20.2	-0.89 - 5.9	2.9/20.6	26355
2006 KJ ₂₆	2007 10 22.6	01 46.88 -09 56.4 21.0	-0.97 - 1.1	7.8/17.4	22553
2003 YO ₁₅	2007 10 22.6	01 46.91 -05 00.6 19.6	-0.90 - 1.8	4.8/18.4	87600
1999 XV ₂₃₂	2007 10 22.6	01 46.93 +48 57.9 18.6	-1.14 - 9.5	18.4/08.0	24300
2002 TF ₂₀₀	2007 10 22.6	01 46.94 +04 48.0 19.3	-0.79 - 4.4	2.2/20.8	26644
2003 UT ₂₁₂	2007 10 22.6	01 46.96 +14 35.3 19.0	-0.91 - 5.0	1.4/23.7	26685
2002 UR ₉	2007 10 22.6	01 46.97 -22 53.8 18.4	-1.05 + 3.6	11.2/14.5	26647
2004 BS ₄₁	2007 10 22.6	01 46.98 +07 19.2 18.9	-1.03 + 0.9	1.4/21.8	26705
2005 EA ₄₃	2007 10 22.6	01 47.02 +04 14.1 20.8	-0.75 - 4.2	1.8/20.7	04317
2004 BL ₈₁	2007 10 22.6	01 47.03 -12 55.3 20.4	-0.73 - 4.2	6.7/15.1	11021
2001 RP ₅₅	2007 10 22.6	01 47.05 +28 35.8 18.9	-1.05 + 0.7	6.1/27.0	26596
2002 JZ ₈₉	2007 10 22.6	01 47.05 +14 09.0 20.1	-0.99 - 5.0	1.1/23.6	26622
1999 RE ₃₁	2007 10 22.6	01 47.06 +44 39.0 18.4	-2.18 +13.6	18.7/25.7	24291
1999 XM ₈₅	2007 10 22.6	01 47.11 +30 56.1 18.5	-0.96 - 5.8	7.4/29.0	26563
2005 GJ ₁₇₉	2007 10 22.7	01 47.06 -20 29.3 20.4	-0.94 - 1.2	9.1/13.3	22790
2005 CO ₅₈	2007 10 22.7	01 47.07 +16 06.5 20.8	-0.89 - 5.7	1.5/24.2	02243
2000 AD ₇₉	2007 10 22.7	01 47.09 -11 50.9 19.5	-0.90 - 3.1	8.7/15.8	26566
2001 SJ ₃₀₃	2007 10 22.7	01 47.09 +04 50.7 20.2	-0.69 - 6.6	1.6/20.7	26600
1999 FU ₁₀	2007 10 22.7	01 47.11 +10 09.5 21.0	-0.77 - 4.8	0.2/22.4	10701
2000 UJ ₉₃	2007 10 22.7	01 47.11 +21 22.4 18.6	-0.95 - 7.3	4.6/26.0	26581
2003 SD ₂₆₁	2007 10 22.7	01 47.12 +13 56.2 19.5	-0.92 - 7.4	1.1/23.6	26674
2003 QF ₈₇	2007 10 22.7	01 47.12 +03 16.5 18.7	-0.83 - 5.5	3.6/20.4	25915
2005 FQ ₅	2007 10 22.7	01 47.14 -00 48.4 20.5	-0.80 - 6.8	3.4/18.9	77027
1999 VV ₁₈₈	2007 10 22.7	01 47.14 -02 57.7 18.6	-0.95 - 1.4	5.8/19.1	26562
2002 VO ₁₀₄	2007 10 22.7	01 47.15 -05 47.1 18.9	-0.98 + 1.7	5.3/19.0	26651
2003 BK ₆₆	2007 10 22.7	01 47.16 +46 34.3 19.9	-1.62 + 1.0	16.6/01.3	70354
2005 EY ₁₅₉	2007 10 22.7	01 47.18 +06 48.2 20.2	-0.79 - 6.2	1.4/21.4	26736
2003 UU ₁₈₀	2007 10 22.7	01 47.20 -01 13.7 18.2	-0.84 - 4.3	5.6/19.1	26684

2005 EH ₂₀₈	2007 10 22.7	01 47.21 +13 34.6 21.4	-0.92 - 4.2	0.8/23.4	87657
2006 GE ₃₆	2007 10 22.7	01 47.22 -12 09.1 20.3	-1.02 - 1.1	7.9/17.0	24488
2006 HL ₈₄	2007 10 22.7	01 47.31 +08 34.7 20.2	-0.96 - 7.8	1.0/22.0	26763
2005 GR ₄₄	2007 10 22.7	01 47.35 +12 18.7 20.2	-0.79 - 4.4	0.4/23.1	26742
2007 RH ₁₄₂	2007 10 22.7	01 47.37 +05 41.5 18.8	-0.70 -11.2	1.9/20.9	26799
2004 CQ ₅₂	2007 10 22.7	01 47.37 +07 58.1 20.0	-0.76 - 4.2	0.8/21.8	26708
2002 FP ₂₅	2007 10 22.7	01 47.38 -15 58.2 19.7	-0.99 - 1.7	9.6/15.7	26616
2002 CE ₁₈₄	2007 10 22.7	01 47.40 +14 14.4 20.3	-1.05 - 5.4	1.2/23.6	26611
2005 BC ₄	2007 10 22.7	01 47.44 +07 17.3 20.1	-0.88 - 5.7	1.2/21.7	26724
2005 AW ₂₄	2007 10 22.7	01 47.47 +01 43.8 19.2	-0.98 - 5.0	4.2/20.1	26018
2002 JE ₄₂	2007 10 22.7	01 47.50 +08 55.2 19.1	-1.04 - 2.8	0.8/22.2	26621
2006 JT ₄₀	2007 10 22.7	01 47.50 +04 11.0 18.3	-0.78 - 4.7	3.2/20.8	26766
2002 YZ ₂₈	2007 10 22.7	01 47.51 -07 09.1 18.6	-0.80 - 3.3	6.4/17.2	43483
2000 SZ ₂₁₄	2007 10 22.7	01 47.54 +18 10.5 19.2	-1.12 - 0.6	3.4/24.5	25809
2004 CJ ₅₀	2007 10 22.8	01 47.45 -18 59.1 21.1	-0.69 - 6.6	7.3/11.9	14079
2005 CN ₆₀	2007 10 22.8	01 47.46 +13 02.4 20.7	-0.98 - 5.0	0.7/23.4	77814
2001 DR ₇	2007 10 22.8	01 47.46 -01 29.3 20.2	-0.83 - 3.1	3.2/19.3	04145
2005 LS ₁₆	2007 10 22.8	01 47.47 +21 23.0 20.3	-0.75 - 6.7	2.7/26.2	89672
2001 QW ₃₃	2007 10 22.8	01 47.50 +24 43.4 18.9	-0.78 - 6.2	4.6/27.3	25823
2003 UX ₂₆₆	2007 10 22.8	01 47.52 +02 23.1 18.8	-0.98 + 0.6	4.1/20.8	26687
2000 SM ₇₀	2007 10 22.8	01 47.52 +05 08.1 18.5	-1.08 - 2.7	2.6/21.4	26576
2002 XJ ₂	2007 10 22.8	01 47.53 +19 10.7 19.6	-0.77 - 7.9	2.4/25.5	26653
2005 EH ₂₂	2007 10 22.8	01 47.53 -01 20.6 19.0	-0.82 - 8.9	5.4/18.6	26730
1999 LN ₅	2007 10 22.8	01 47.55 -25 05.9 20.9	-1.02 - 2.0	11.5/12.4	01975
1998 UV ₁	2007 10 22.8	01 47.56 +22 12.8 17.6	-0.91 + 2.8	6.0/25.5	26554
2007 TU ₅₀	2007 10 22.8	01 47.58 +12 06.8 19.2	-0.84 - 4.6	0.4/23.1	26533
2006 BN ₁₃₂	2007 10 22.8	01 47.60 +07 59.2 18.6	-1.01 - 7.4	1.5/21.9	26751
2003 UU ₂₅₆	2007 10 22.8	01 47.61 +10 21.3 18.1	-0.76 -11.5	0.3/22.6	26686
2002 FL ₁₃	2007 10 22.8	01 47.63 +02 43.8 20.0	-0.90 - 7.5	2.9/20.3	24354
2000 SZ ₁₇₇	2007 10 22.8	01 47.69 +19 36.3 18.0	-1.00 - 2.7	4.3/25.1	26577
2006 LP ₂	2007 10 22.8	01 47.70 -08 15.5 19.8	-0.94 - 1.0	6.2/18.0	26770
2006 KC ₃₅	2007 10 22.8	01 47.70 +11 40.2 20.3	-0.90 - 5.7	0.2/23.0	03922
2002 DF ₁₈	2007 10 22.8	01 47.71 +01 24.3 20.1	-0.94 - 7.6	3.9/19.9	50013
2007 TY ₆	2007 10 22.8	01 47.72 +18 00.7 18.9	-0.79 - 5.3	2.3/25.0	26516
2002 TS ₁₄₆	2007 10 22.8	01 47.72 +12 26.3 19.3	-0.74 -10.9	0.5/23.3	26643
2005 GJ ₅₄	2007 10 22.8	01 47.74 +10 17.1 20.9	-0.83 - 5.6	0.3/22.6	24469
2003 YA ₇₀	2007 10 22.8	01 47.76 +30 25.0 19.9	-0.82 - 4.7	4.7/29.1	87602
2007 TN ₆₈	2007 10 22.8	01 47.80 +05 39.5 20.1	-0.82 - 6.5	2.0/21.2	26535
2003 SP ₂₉₄	2007 10 22.8	01 47.82 +03 51.5 18.5	-0.69 - 8.5	3.5/20.4	26675
2003 WS ₇₀	2007 10 22.8	01 47.85 +35 25.9 17.6	-1.15 + 0.3	10.7/29.3	26691
2002 QP ₉₆	2007 10 22.8	01 47.86 -13 12.8 19.9	-0.84 - 4.3	7.6/15.5	00336
2003 SZ ₂₅₆	2007 10 22.8	01 47.86 +08 45.4 19.7	-0.92 - 6.8	1.0/22.2	26673
2007 TU ₂₂	2007 10 22.8	01 47.87 +04 32.2 19.8	-1.02 - 3.5	3.1/21.1	26528
2003 YB ₁₀₆	2007 10 22.8	01 47.88 -07 55.8 18.5	-0.90 - 1.0	7.7/17.8	03589
2005 EV ₂₂₂	2007 10 22.9	01 47.85 -13 53.4 19.6	-0.89 - 2.2	8.2/15.7	26738
2002 RB ₁₇₄	2007 10 22.9	01 47.85 +14 56.7 19.5	-0.85 - 5.7	1.3/24.1	26637
2002 WG ₁₅	2007 10 22.9	01 47.86 -04 16.4 19.4	-0.81 - 3.7	5.3/18.3	26652
2004 EX ₉	2007 10 22.9	01 47.86 +01 59.1 19.6	-0.70 - 6.3	2.6/20.0	26711
2000 AL ₁	2007 10 22.9	01 47.89 +53 02.3 19.4	-1.32 - 4.0	13.2/06.0	04128
2002 PV ₁₇₄	2007 10 22.9	01 47.96 +07 50.9 20.3	-0.92 - 3.2	1.1/22.0	03353
2005 GV ₁₆₀	2007 10 22.9	01 48.03 +11 44.4 20.4	-0.73 - 6.6	0.2/23.1	26744

2006 KX	2007 10 22.9	01 48.04 -09 38.8 20.0	-0.93 - 1.2	6.8/17.7	01781
2006 KG ₆₄	2007 10 22.9	01 48.11 +03 45.6 19.4	-0.78 - 8.4	3.1/20.6	26177
2003 YG ₃	2007 10 22.9	01 48.11 +06 56.2 19.3	-1.02 0.0	1.4/22.0	26698
2000 DN ₆₃	2007 10 22.9	01 48.13 +16 16.8 19.4	-0.87 - 4.5	1.7/24.5	26568
2006 JJ ₅₅	2007 10 22.9	01 48.14 +03 04.9 19.5	-0.91 - 3.7	2.8/20.8	26766
2005 EX ₁₂₉	2007 10 22.9	01 48.16 -00 15.5 19.4	-0.85 - 6.9	4.9/19.4	89635
2002 WT ₁₉	2007 10 22.9	01 48.19 +13 53.4 20.5	-0.74 - 8.0	0.9/23.9	25898
2006 KO ₁₁₆	2007 10 22.9	01 48.20 +07 46.4 21.4	-0.96 - 5.3	1.2/22.0	01841
2003 UW ₂₅₆	2007 10 22.9	01 48.21 +12 49.2 19.1	-0.97 - 3.5	0.6/23.4	26686
2006 FZ ₁₆	2007 10 22.9	01 48.21 +12 25.5 19.4	-1.03 - 4.7	0.5/23.3	01518
2003 XP ₁₉	2007 10 22.9	01 48.23 +13 17.3 19.1	-0.93 - 3.8	0.9/23.6	25974
1999 BN ₂₉	2007 10 22.9	01 48.23 -21 26.2 22.2	-0.72 - 3.9	7.5/12.2	74598
2002 NK ₃₇	2007 10 22.9	01 48.24 +01 42.9 20.5	-0.82 - 6.7	3.0/20.1	04205
2005 ES ₁₈₂	2007 10 23.0	01 48.20 +09 27.0 18.5	-0.98 - 3.4	0.8/22.5	26736
2002 XY ₁₄	2007 10 23.0	01 48.23 +25 43.0 19.9	-0.79 - 6.9	4.2/27.8	26653
2006 FD ₆	2007 10 23.0	01 48.27 -03 22.2 19.3	-0.98 - 5.9	5.6/18.9	26757
2001 QQ ₃₀₆	2007 10 23.0	01 48.28 +14 13.3 19.2	-0.78 - 4.6	1.0/23.9	26595
2006 HS ₁₁₁	2007 10 23.0	01 48.31 +19 59.6 20.1	-1.08 - 2.2	2.9/25.3	02335
2003 WL ₁₃₁	2007 10 23.0	01 48.32 +17 52.6 18.8	-0.91 - 4.5	2.9/24.9	26694
2006 MK ₁₂	2007 10 23.0	01 48.34 -00 35.9 20.0	-0.84 - 6.4	3.8/19.4	26770
2003 VH ₄	2007 10 23.0	01 48.34 +15 39.5 20.0	-0.96 - 4.4	1.6/24.3	76181
2003 QA ₂₅	2007 10 23.0	01 48.36 +14 59.3 18.9	-0.93 - 8.3	1.5/24.2	26661
2005 GK ₅₆	2007 10 23.0	01 48.37 +12 36.7 19.9	-0.89 - 4.8	0.5/23.5	26742
2002 XF ₂₁	2007 10 23.0	01 48.38 +25 29.0 19.3	-0.81 - 5.3	4.1/27.6	26653
2002 XF ₄₈	2007 10 23.0	01 48.42 -29 57.9 19.6	-1.05 + 4.8	14.6/12.7	50721
2005 CV ₃₇	2007 10 23.0	01 48.44 -07 23.7 21.7	-0.80 - 5.4	5.2/17.3	76668
2001 TE ₂₁₁	2007 10 23.0	01 48.44 +25 13.0 19.3	-0.81 - 4.6	4.3/27.4	03247
1999 TX ₁₃₂	2007 10 23.0	01 48.45 +13 52.1 18.4	-0.70 - 3.2	0.9/23.9	25794
2005 JV ₄₇	2007 10 23.0	01 48.45 +02 44.8 20.1	-0.82 - 2.1	2.4/20.8	77215
2001 EP ₁₁	2007 10 23.0	01 48.51 -05 56.2 19.7	-0.84 - 4.2	4.9/18.0	26588
2006 HT ₄₄	2007 10 23.0	01 48.53 +10 01.8 20.1	-0.96 - 7.5	0.4/22.7	26761
2000 FN ₅₄	2007 10 23.0	01 48.56 +11 58.9 20.1	-0.82 - 4.8	0.2/23.3	26570
2004 GS ₈₀	2007 10 23.0	01 48.60 +05 49.9 19.5	-0.75 - 5.9	1.8/21.4	26713
2005 CB ₂₃	2007 10 23.0	01 48.61 -00 46.8 18.9	-1.01 - 3.9	5.2/19.8	26726
2002 GJ ₃₁	2007 10 23.0	01 48.62 +05 36.8 20.2	-0.95 - 5.0	1.9/21.5	00228
2001 BM ₇	2007 10 23.0	01 48.64 -00 35.6 19.2	-0.95 - 3.8	4.4/19.8	26586
2002 NT ₅₇	2007 10 23.1	01 48.58 +16 36.1 19.7	-0.84 - 7.0	2.0/24.8	26625
2004 BX ₅₅	2007 10 23.1	01 48.65 +05 41.3 19.6	-0.80 - 4.6	1.7/21.5	26705
2004 XJ ₁₄₈	2007 10 23.1	01 48.66 -04 47.7 20.8	-0.99 - 4.7	6.0/18.5	89612
2006 KV ₄₃	2007 10 23.1	01 48.69 +05 53.0 19.8	-0.90 - 4.0	1.8/21.7	26768
2000 WU ₅₆	2007 10 23.1	01 48.71 -00 31.3 18.9	-1.02 - 1.6	5.3/20.2	26582
2004 BD ₃₂	2007 10 23.1	01 48.71 +06 17.2 19.6	-0.80 - 3.8	1.5/21.7	26704
2007 TY ₁₃	2007 10 23.1	01 48.76 +05 31.3 19.1	-0.96 -21.6	2.5/21.0	26523
2005 GJ ₁₆₅	2007 10 23.1	01 48.80 +09 15.3 20.6	-0.82 - 5.5	0.6/22.6	77874
2002 QQ ₁₁₅	2007 10 23.1	01 48.80 +11 13.6 19.7	-0.89 - 4.1	0.0/23.2	26633
2000 YH ₂₃	2007 10 23.1	01 48.94 -09 46.5 20.9	-0.89 - 3.5	6.1/17.2	07895
2004 CG ₁₁₀	2007 10 23.1	01 49.01 +23 28.6 19.8	-0.81 - 3.9	3.5/26.9	26709
2004 CE ₂₁	2007 10 23.1	01 49.03 -16 41.2 19.8	-0.77 - 3.1	8.3/14.4	02201
2000 WB ₇₁	2007 10 23.2	01 48.99 +24 27.7 18.5	-0.97 - 8.0	5.5/27.4	26583
2002 NF ₅₃	2007 10 23.2	01 48.99 +31 04.4 20.1	-1.03 - 4.4	6.2/29.3	77609
2005 EJ ₆	2007 10 23.2	01 49.00 +08 06.0 20.5	-0.87 - 5.1	1.0/22.3	26729

2001 SV ₉₄	2007 10 23.2	01 49.01 +21 32.8 20.4	-0.84 - 3.0	2.9/26.2	10794
2003 AN ₅₁	2007 10 23.2	01 49.04 +39 32.1 20.1	-1.01 - 1.9	9.9/31.5	48312
2001 FG ₅₆	2007 10 23.2	01 49.11 +12 32.3 19.6	-1.01 - 1.1	0.4/23.5	50529
2002 QN ₈₄	2007 10 23.2	01 49.14 +12 05.9 20.2	-0.83 - 6.7	0.3/23.5	26632
2005 CP ₁₂	2007 10 23.2	01 49.16 -13 13.5 18.8	-0.82 - 5.6	9.8/15.7	26725
2004 EA ₂₄	2007 10 23.2	01 49.21 +02 47.9 19.4	-0.73 - 7.2	2.7/20.5	25995
2001 QT ₂₆₄	2007 10 23.2	01 49.22 +23 07.3 18.2	-0.76 - 7.9	3.8/27.3	26595
2004 BP ₄	2007 10 23.2	01 49.22 -04 36.4 20.3	-0.74 - 4.4	4.5/18.4	03596
1994 CU ₁₇	2007 10 23.2	01 49.24 +08 21.4 19.8	-0.98 - 4.3	1.0/22.5	26548
2001 FQ ₁₀₁	2007 10 23.2	01 49.26 +06 51.0 19.9	-0.81 - 8.4	1.4/21.8	25820
2003 PW ₃	2007 10 23.2	01 49.26 +42 43.8 20.7	-1.39 - 3.2	12.6/03.1	53741
2001 PU ₃₁	2007 10 23.2	01 49.26 -05 56.6 19.9	-0.80 - 2.4	5.4/18.5	26593
1999 TN ₇₂	2007 10 23.2	01 49.26 -00 10.8 20.0	-1.02 - 0.7	3.9/20.6	99914
2005 LF ₆	2007 10 23.2	01 49.27 +22 46.6 20.9	-0.74 - 5.9	2.8/27.0	87680
2003 RQ ₉	2007 10 23.2	01 49.30 +16 12.4 18.1	-0.74 -11.1	2.3/25.0	25917
2001 YV ₁₁	2007 10 23.2	01 49.36 +18 41.2 18.9	-1.10 - 5.2	3.0/25.3	26605
2007 QB ₂	2007 10 23.2	01 49.36 +17 50.3 17.9	-1.09 + 1.3	2.6/24.8	26782
2005 EK ₁₅₂	2007 10 23.2	01 49.38 +18 15.4 19.3	-1.08 + 1.7	2.5/24.8	26735
2000 SU ₂₆₀	2007 10 23.2	01 49.41 +07 00.9 19.0	-0.89 - 5.5	2.1/22.1	25811
2003 UN ₂₂₉	2007 10 23.2	01 49.45 +12 07.6 18.4	-1.20 + 2.5	0.4/23.5	26685
2003 UY ₁₉₉	2007 10 23.3	01 49.35 +06 40.3 19.4	-0.96 - 2.2	2.0/22.1	25945
2001 SY ₈₇	2007 10 23.3	01 49.35 +32 04.9 20.4	-0.99 - 1.5	6.9/29.3	65005
2000 WZ ₉	2007 10 23.3	01 49.36 +03 57.0 19.1	-0.96 - 4.9	3.1/21.2	26582
2003 UT ₁₆₅	2007 10 23.3	01 49.36 +10 05.7 18.3	-1.03 0.0	0.6/23.0	26683
2000 UQ ₂₁	2007 10 23.3	01 49.37 +05 18.9 18.2	-0.69 - 8.1	3.2/21.3	26580
2005 ET ₈₆	2007 10 23.3	01 49.43 -19 20.8 20.1	-0.70 - 4.4	7.1/13.3	26733
2001 TQ ₁₈₀	2007 10 23.3	01 49.48 +18 57.3 18.7	-0.76 - 8.1	2.4/25.9	26602
2004 BU ₂₇	2007 10 23.3	01 49.49 +10 22.8 20.6	-0.79 - 4.3	0.3/23.1	26704
2006 FK ₃₃	2007 10 23.3	01 49.50 +11 11.1 21.3	-0.98 - 7.4	0.0/23.3	02312
2002 CH ₁₅₃	2007 10 23.3	01 49.52 +00 56.7 20.1	-0.96 - 5.7	4.0/20.4	02076
2003 WR ₈₂	2007 10 23.3	01 49.55 -23 21.8 18.8	-0.82 - 2.1	14.7/11.1	25964
2004 BR ₁₂₄	2007 10 23.3	01 49.60 +25 28.8 20.8	-0.91 - 3.1	4.3/27.4	11024
2005 GV ₁₃₄	2007 10 23.3	01 49.60 +13 08.8 19.5	-0.73 - 7.2	0.6/24.0	26744
2000 CG ₈₄	2007 10 23.3	01 49.60 -07 35.2 19.1	-0.83 - 7.1	6.6/17.0	26568
2003 WD ₆₇	2007 10 23.3	01 49.61 +17 21.6 19.6	-0.87 - 5.7	2.6/25.2	25962
1996 JZ ₁₃	2007 10 23.3	01 49.63 +02 26.8 20.0	-0.89 - 2.5	2.7/21.0	10686
2006 HQ ₆₁	2007 10 23.3	01 49.63 +07 36.5 21.0	-0.98 - 5.4	1.4/22.3	26762
2002 CQ ₃₇	2007 10 23.3	01 49.66 +22 06.9 19.6	-1.11 - 4.3	4.6/26.3	26609
2001 FX ₈₁	2007 10 23.3	01 49.67 +27 34.7 20.6	-1.06 - 2.7	5.0/27.7	77523
2002 GS ₁₆₄	2007 10 23.3	01 49.70 +06 24.4 19.5	-0.96 - 6.2	1.9/22.0	26620
2000 SD ₂₉₂	2007 10 23.3	01 49.70 +20 59.3 19.7	-1.12 - 3.2	4.3/25.9	27095
2003 AM ₅₂	2007 10 23.3	01 49.73 -14 55.8 19.9	-0.75 - 1.9	7.2/15.5	94891
2002 AG ₁₇₃	2007 10 23.3	01 49.77 +21 25.6 18.8	-1.05 - 5.4	4.6/26.3	26607
2002 SR ₆₀	2007 10 23.3	01 49.79 +07 19.5 19.2	-0.87 - 3.4	1.3/22.3	26640
2001 FY ₁₂₄	2007 10 23.3	01 49.80 +16 08.3 20.1	-1.05 - 1.7	1.7/24.6	26590
2000 VW ₂₅	2007 10 23.4	01 49.73 +10 31.5 18.3	-1.08 - 1.2	0.3/23.2	26582
2000 SS ₁₄₄	2007 10 23.4	01 49.74 +14 54.8 18.7	-0.85 - 4.8	1.9/24.5	26577
2002 YV ₃₂	2007 10 23.4	01 49.74 +01 35.4 19.0	-0.84 - 2.2	3.0/20.8	26655
2000 VW ₂₄	2007 10 23.4	01 49.75 +13 52.1 18.3	-0.88 - 5.5	1.3/24.2	26582
2005 EN ₅₇	2007 10 23.4	01 49.76 +15 59.7 19.9	-0.99 - 4.8	1.8/24.7	26731
2006 KU ₆₂	2007 10 23.4	01 49.76 +00 48.5 20.3	-0.84 - 4.6	4.0/20.4	22553

2005 CW ₇	2007 10 23.4	01 49.77 +00 27.3 21.2	-0.83 - 4.1	2.9/20.3	76639
2007 TV ₆₇	2007 10 23.4	01 49.78 +18 28.3 18.8	-0.85 - 2.8	3.5/25.4	26535
2005 AB ₂₂	2007 10 23.4	01 49.84 +17 51.8 19.7	-0.99 - 6.1	2.4/25.3	26721
2003 SQ ₁₃₂	2007 10 23.4	01 49.85 +06 36.0 20.4	-0.78 -10.0	2.0/21.8	26669
2006 GM ₁₄	2007 10 23.4	01 49.86 +06 03.5 20.5	-0.99 - 5.3	1.9/22.0	26758
2006 DZ ₄₆	2007 10 23.4	01 49.88 +04 36.3 20.6	-0.98 - 7.8	2.7/21.4	26753
2005 ER ₇₄	2007 10 23.4	01 49.89 +19 55.1 20.5	-0.92 - 4.8	2.7/25.9	26732
2005 GD ₆₆	2007 10 23.4	01 49.91 +10 09.3 19.6	-0.82 - 6.1	0.4/23.1	26743
2005 GU ₂₁	2007 10 23.4	01 49.93 +08 45.8 19.7	-0.92 - 3.0	1.0/22.8	26043
2005 EQ ₁₉₄	2007 10 23.4	01 49.95 +04 18.0 21.0	-0.76 - 7.0	2.1/21.2	26737
2005 EA ₂₀₉	2007 10 23.4	01 49.99 +14 52.1 20.0	-0.86 - 4.7	1.1/24.5	26737
2004 BY ₇₀	2007 10 23.4	01 49.99 +23 17.9 18.9	-0.95 - 3.0	4.8/26.7	26706
2002 PF ₁₇₉	2007 10 23.4	01 49.99 +32 06.4 21.8	-1.04 - 4.0	5.7/29.8	10890
2005 CG ₄₈	2007 10 23.4	01 50.02 +15 59.7 20.1	-0.97 - 4.1	1.6/24.8	26727
2006 HP ₈₉	2007 10 23.4	01 50.04 +14 56.0 20.6	-0.97 - 7.3	1.2/24.6	04374
2003 YJ ₅₅	2007 10 23.4	01 50.07 -08 56.2 18.8	-0.94 - 1.9	7.5/17.9	26700
2002 PW ₇₉	2007 10 23.4	01 50.07 +59 29.6 19.7	-1.48 - 3.5	13.6/13.0	02114
2002 PA ₁₃₆	2007 10 23.4	01 50.07 +25 03.6 18.9	-1.01 - 1.4	5.6/27.1	25862
1999 FU ₁₂	2007 10 23.4	01 50.09 +13 40.9 20.0	-1.12 - 2.5	1.0/24.1	10701
2005 EO ₁₄₃	2007 10 23.4	01 50.09 +12 33.9 21.6	-0.95 - 4.2	0.4/23.8	03673
2001 SO ₃₂₅	2007 10 23.4	01 50.11 +22 12.6 19.5	-0.87 - 3.0	3.4/26.6	26600
2005 CM ₄₉	2007 10 23.4	01 50.13 +16 35.7 19.7	-0.95 - 4.7	1.8/25.0	26727
2005 ES ₁₄	2007 10 23.4	01 50.15 -05 09.9 20.5	-0.78 - 6.6	4.8/18.2	77818
2004 XT ₅₈	2007 10 23.4	01 50.17 +11 10.4 20.0	-0.95 - 3.8	0.1/23.5	26718
2006 FT ₂₉	2007 10 23.5	01 50.10 +10 24.8 21.1	-1.05 - 4.3	0.3/23.3	02312
2003 WC ₃₂	2007 10 23.5	01 50.14 +04 02.8 19.5	-1.04 0.0	2.8/21.8	26690
2006 HO ₉₀	2007 10 23.5	01 50.19 +11 18.2 20.0	-1.02 - 4.5	0.0/23.5	26763
2002 PY ₁₅₆	2007 10 23.5	01 50.19 +22 14.0 19.5	-0.96 - 3.9	3.9/26.6	26629
2003 OJ ₃₀	2007 10 23.5	01 50.21 +06 01.0 19.5	-1.01 - 4.1	2.1/22.1	26660
2005 LB ₅₃	2007 10 23.5	01 50.23 -21 22.6 20.4	-0.84 - 0.5	8.7/13.9	09285
2007 TF ₁₆₃	2007 10 23.5	01 50.26 +09 01.6 19.0	-0.83 - 9.2	1.1/22.8	26545
2003 OK ₈	2007 10 23.5	01 50.32 +16 33.8 18.6	-1.02 - 3.7	2.4/25.0	26659
1999 XB ₂₄₆	2007 10 23.5	01 50.32 +14 08.3 18.5	-0.81 -11.2	1.1/24.5	26565
2003 WM ₆₆	2007 10 23.5	01 50.35 +08 00.0 20.4	-0.87 - 3.3	1.0/22.6	26691
2005 JB ₈₆	2007 10 23.5	01 50.40 +09 52.2 19.4	-0.89 - 6.5	0.5/23.1	26747
2003 ST ₁₈₃	2007 10 23.5	01 50.45 +17 53.4 19.7	-1.00 - 3.5	2.7/25.3	26671
2005 CL ₄₄	2007 10 23.5	01 50.45 -00 34.1 20.3	-0.87 - 5.4	4.0/20.0	76675
2003 UU ₂₃₆	2007 10 23.5	01 50.47 +03 35.3 18.8	-0.86 - 4.6	3.5/21.4	26686
2002 JH ₁₄₀	2007 10 23.5	01 50.48 +01 35.0 21.6	-0.90 - 5.1	3.1/20.8	85528
2001 RS ₂₇	2007 10 23.5	01 50.50 +28 14.1 20.2	-0.99 - 1.4	5.1/28.3	75080
2005 GE ₁₃₆	2007 10 23.5	01 50.50 +04 34.9 20.2	-0.70 - 8.6	1.9/21.3	26050
2002 NT ₁₅	2007 10 23.5	01 50.52 -11 55.8 20.5	-0.91 - 2.2	7.4/17.4	24362
2003 US ₁₄₈	2007 10 23.5	01 50.53 +09 53.2 18.3	-1.05 + 0.1	0.6/23.3	26682
2006 GM ₂₈	2007 10 23.5	01 50.54 +09 08.3 20.5	-1.05 - 3.4	0.8/23.0	02316
2004 XL ₁₁₀	2007 10 23.5	01 50.54 +20 39.3 19.4	-1.01 - 7.3	3.6/26.4	26719
2000 DM ₄₀	2007 10 23.5	01 50.55 +15 36.2 20.1	-0.88 - 4.6	1.4/24.8	56103
2003 WV ₃₁	2007 10 23.6	01 50.48 +17 56.6 19.4	-0.96 - 4.6	2.4/25.5	26690
2002 OZ ₁₁	2007 10 23.6	01 50.52 +02 10.0 19.1	-0.77 -10.1	3.3/20.5	26626
2001 QH ₂₄₀	2007 10 23.6	01 50.52 +18 36.9 19.4	-0.84 - 3.1	2.1/25.7	26595
2003 UT ₉₀	2007 10 23.6	01 50.52 +04 17.5 19.4	-0.82 - 6.4	3.1/21.5	26680
2005 EL ₁₂	2007 10 23.6	01 50.63 +15 13.1 20.4	-0.90 - 3.0	1.1/24.7	26729

2003 SU ₂₁₂	2007 10 23.6	01 50.65 -04 33.5 18.1	-0.96 0.0	7.8/19.6	26672
2006 JW ₁₉	2007 10 23.6	01 50.65 +02 32.5 21.0	-0.87 - 8.1	3.2/20.9	24494
2007 TD ₄₉	2007 10 23.6	01 50.70 +13 39.9 19.1	-0.93 - 5.3	0.9/24.3	26532
2003 LM ₅	2007 10 23.6	01 50.77 +14 22.9 18.8	-1.00 - 8.2	1.3/24.6	26658
2002 BU ₁₆	2007 10 23.6	01 50.77 +09 27.5 18.8	-0.99 - 6.6	0.8/23.1	26608
1999 XK ₃	2007 10 23.6	01 50.79 -00 28.1 18.7	-0.90 - 3.4	5.3/20.3	26563
2001 BG ₂₉	2007 10 23.6	01 50.82 +23 20.8 20.5	-1.05 - 5.2	4.5/27.0	24323
1994 WN ₈	2007 10 23.6	01 50.82 -01 01.4 20.1	-0.84 - 4.8	4.4/20.0	26549
2006 LP ₄	2007 10 23.6	01 50.83 +32 29.3 21.0	-0.93 - 5.5	5.7/30.5	11172
2001 NM ₁	2007 10 23.6	01 50.83 +47 23.2 18.0	-0.82 - 9.2	13.3/09.3	24329
2004 XN ₁₁₉	2007 10 23.6	01 50.84 +17 47.9 20.8	-0.99 - 5.3	2.2/25.5	77795
2007 TN ₁₇₆	2007 10 23.6	01 50.89 -07 28.7 19.5	-0.89 - 2.2	6.3/18.7	26545
2002 EH ₅₆	2007 10 23.7	01 50.94 +21 52.5 19.2	-1.06 - 4.5	4.9/26.6	26614
1998 QQ ₅₆	2007 10 23.7	01 50.98 +09 12.2 20.0	-0.86 - 5.5	0.8/23.1	26553
2002 TU ₉₃	2007 10 23.7	01 51.04 +06 57.8 19.3	-0.82 - 4.9	1.6/22.4	26642
2005 AQ ₃₁	2007 10 23.7	01 51.04 -00 52.4 19.6	-0.95 - 5.6	5.5/20.1	26722
2006 LW ₃	2007 10 23.7	01 51.12 -02 02.6 19.8	-0.97 - 5.0	5.2/19.9	26770
2005 EX ₁₂	2007 10 23.7	01 51.17 +06 13.3 20.8	-0.86 - 4.2	1.6/22.3	76735
2003 UR ₁₅₂	2007 10 23.7	01 51.21 +05 44.2 19.5	-0.83 - 8.9	2.1/21.9	26683
2002 EO ₁₅₅	2007 10 23.7	01 51.21 +07 56.7 20.8	-0.99 - 4.4	1.2/22.8	26616
2000 CO ₈₃	2007 10 23.7	01 51.22 -01 11.6 19.3	-0.86 - 5.0	4.3/20.0	26568
2004 BU ₇₃	2007 10 23.7	01 51.24 +02 20.1 19.6	-0.73 - 4.2	2.4/21.1	26706
2003 YK ₁₄₈	2007 10 23.7	01 51.28 -01 10.9 20.0	-1.03 - 1.2	4.8/20.6	62466
2004 CN ₉₈	2007 10 23.7	01 51.30 +09 59.6 20.8	-0.76 - 4.5	0.4/23.4	11030
2004 FP ₁₃₀	2007 10 23.7	01 51.30 -03 17.4 19.9	-0.81 - 4.6	4.3/19.3	97703
2005 AA ₄₄	2007 10 23.8	01 51.26 +12 28.2 21.0	-1.02 - 4.8	0.4/24.1	76598
2005 CT ₅₂	2007 10 23.8	01 51.35 +09 04.3 18.7	-1.02 - 2.7	1.1/23.2	26025
2007 TJ ₁₆	2007 10 23.8	01 51.36 +13 56.0 18.2	-0.66 -11.4	1.3/24.7	26525
1996 XV ₁₇	2007 10 23.8	01 51.36 +13 05.6 19.0	-0.89 - 4.4	0.8/24.3	25785
2002 EG ₁₄₈	2007 10 23.8	01 51.36 +03 37.1 20.9	-0.93 - 6.2	2.7/21.6	00218
2005 ET ₂₂₄	2007 10 23.8	01 51.41 -00 57.4 21.3	-0.88 - 0.3	3.1/20.8	77848
2003 WX ₁₄₆	2007 10 23.8	01 51.47 +14 36.0 18.4	-0.83 - 7.2	1.4/24.8	26695
2006 KA ₆₈	2007 10 23.8	01 51.48 -07 59.2 20.4	-0.90 - 1.7	5.9/18.9	03925
2000 AB ₄	2007 10 23.8	01 51.52 +46 00.5 19.9	-1.10 - 4.9	12.4/05.2	64701
2005 AD ₄₆	2007 10 23.8	01 51.61 +19 12.7 20.2	-0.95 - 6.1	2.7/26.2	26723
2003 WV ₁₁₈	2007 10 23.8	01 51.63 +13 54.8 18.6	-0.93 - 3.5	1.0/24.5	26694
2005 GE ₁₈₀	2007 10 23.8	01 51.64 -25 13.7 21.3	-0.76 - 1.9	8.2/12.3	77875
2001 UQ ₁₉₇	2007 10 23.8	01 51.68 +17 51.7 19.2	-0.81 - 3.8	2.2/25.7	26603
2000 BN ₂₁	2007 10 23.8	01 51.68 +24 14.0 20.0	-0.92 - 4.2	4.0/27.7	26567
2002 PD ₁₅₇	2007 10 23.8	01 51.69 +18 43.1 19.8	-0.94 - 4.3	2.5/25.9	77623
2000 RD ₁₇	2007 10 23.9	01 51.65 +14 12.2 18.8	-1.00 - 9.7	1.1/24.8	26574
2006 FH ₁₉	2007 10 23.9	01 51.66 +10 55.3 21.1	-0.97 - 6.2	0.2/23.8	01520
2006 KP ₃₄	2007 10 23.9	01 51.66 +08 24.4 19.0	-0.83 - 5.9	1.3/23.0	26768
2002 GT ₁₂₁	2007 10 23.9	01 51.67 +16 07.3 20.4	-1.05 - 4.0	1.6/25.2	00242
2002 CT ₂₅₃	2007 10 23.9	01 51.67 -00 15.3 19.4	-1.05 - 4.3	4.9/20.7	26612
2002 ES ₉₃	2007 10 23.9	01 51.68 -00 01.8 21.3	-0.90 - 6.9	3.7/20.5	18003
2003 WX ₄₀	2007 10 23.9	01 51.70 +19 40.8 18.4	-0.80 - 5.6	3.9/26.4	26690
2005 EH ₂₅₁	2007 10 23.9	01 51.75 +09 19.8 20.7	-0.95 - 5.2	0.7/23.3	26738
2005 KP ₁	2007 10 23.9	01 51.75 +07 01.0 19.6	-0.83 - 6.2	1.5/22.6	26748
2007 TL ₁₄₅	2007 10 23.9	01 51.75 +14 08.2 18.6	-0.99 + 0.6	1.2/24.5	26542
2004 CO ₈₅	2007 10 23.9	01 51.78 +08 08.5 20.5	-0.77 - 4.2	0.9/23.0	25992

2005 CQ ₂₅	2007 10 23.9	01 51.79 +08 13.1 19.9	-0.96 - 5.7	1.3/23.0	26726
2001 QY ₁₁₀	2007 10 23.9	01 51.80 +35 48.9 19.1	-0.91 - 2.1	9.5/31.3	26593
2002 QT ₁₂₁	2007 10 23.9	01 51.81 +18 59.7 20.5	-0.89 - 5.3	2.6/26.2	25871
2003 YJ ₁₆₉	2007 10 23.9	01 51.82 -13 07.2 20.1	-0.82 - 2.2	7.0/16.8	04284
2003 YK ₇₀	2007 10 23.9	01 51.85 -05 30.5 19.1	-0.88 - 5.1	6.3/18.7	26700
2001 FN ₉₆	2007 10 23.9	01 51.90 -01 02.6 20.1	-0.88 - 4.0	3.8/20.4	77524
2003 UP ₃₁₆	2007 10 23.9	01 51.90 +00 46.2 17.8	-0.79 - 3.3	5.2/21.0	26688
2002 CQ ₂₉₂	2007 10 23.9	01 51.92 +30 10.9 17.3	-0.96 - 2.2	10.3/29.7	26612
1998 DH ₁₂	2007 10 23.9	01 51.95 +06 07.8 20.9	-0.95 - 4.8	1.9/22.5	26552
2002 EK ₉₃	2007 10 23.9	01 51.95 +06 30.7 20.7	-0.96 - 5.6	1.7/22.6	26615
2005 GQ ₁₃₂	2007 10 23.9	01 51.97 +08 00.6 21.0	-1.06 - 1.4	1.3/23.1	26744
2003 KQ ₁₀₆	2007 10 24.0	01 52.00 +18 20.1 19.0	-1.04 - 2.8	2.9/25.8	25917
2006 KT ₂	2007 10 24.0	01 52.03 +02 45.5 21.2	-0.95 - 3.3	3.0/21.7	01783
1999 FH ₁₇	2007 10 24.0	01 52.06 +09 04.9 21.4	-0.98 - 6.7	0.9/23.3	99902
2007 TY ₂	2007 10 24.0	01 52.09 -07 44.5 19.0	-0.86 - 2.7	6.8/18.7	26515
1995 BW ₇	2007 10 24.0	01 52.09 +06 01.7 20.3	-0.98 - 5.0	2.5/22.5	26549
2000 AP ₃₅	2007 10 24.0	01 52.10 +19 10.9 18.2	-0.90 - 5.3	3.2/26.3	26565
2003 UB ₁₀₃	2007 10 24.0	01 52.11 +06 17.5 19.0	-0.93 - 4.2	2.0/22.6	26681
2003 SO ₂₈₄	2007 10 24.0	01 52.12 +16 37.8 18.9	-0.92 - 7.6	2.0/25.6	26675
2000 AA ₁₇₆	2007 10 24.0	01 52.13 +25 28.1 18.5	-0.86 - 9.2	5.6/28.7	26566
2006 FR ₁₁	2007 10 24.0	01 52.26 +07 40.8 20.5	-1.05 - 5.3	1.5/23.0	26144
2002 PG ₅	2007 10 24.0	01 52.28 +33 00.0 19.4	-0.98 - 5.3	7.3/30.8	77612
2006 GM ₃₄	2007 10 24.0	01 52.29 +06 13.1 20.1	-0.97 - 4.7	2.0/22.6	26758
1999 GH ₅₈	2007 10 24.0	01 52.31 +02 11.5 19.2	-0.89 -13.5	3.6/20.8	25792
2002 NE ₂₁	2007 10 24.0	01 52.31 +12 28.1 20.4	-0.88 - 6.1	0.3/24.3	26625
2003 YY ₁₂₉	2007 10 24.0	01 52.31 -25 19.5 19.5	-0.81 - 1.4	9.4/12.4	26701
2002 PE ₇₄	2007 10 24.0	01 52.35 +23 25.1 19.6	-0.82 - 8.2	4.8/28.1	25860
2002 RG ₇₆	2007 10 24.0	01 52.36 +16 07.9 19.2	-0.92 - 3.4	1.6/25.3	26635
2002 TW ₉₈	2007 10 24.0	01 52.42 +08 08.0 20.0	-0.79 - 6.6	1.2/23.0	26642
1999 FE ₃	2007 10 24.1	01 52.38 +15 52.0 21.2	-0.82 - 2.1	1.1/25.3	26555
2002 GM ₁₅₉	2007 10 24.1	01 52.40 +14 30.1 20.2	-0.93 - 7.6	1.1/25.0	26620
2003 XB ₁	2007 10 24.1	01 52.40 +19 26.6 19.4	-0.96 - 4.0	3.0/26.3	25973
2002 CP ₂₅₆	2007 10 24.1	01 52.40 +16 56.1 19.8	-1.10 - 3.8	2.2/25.5	25846
2001 OZ ₇₄	2007 10 24.1	01 52.43 +19 53.8 19.3	-0.85 - 5.7	2.6/27.0	26592
2003 AN ₈₈	2007 10 24.1	01 52.44 +31 11.6 19.6	-0.85 - 4.9	6.7/30.4	85856
2007 PY ₄₄	2007 10 24.1	01 52.46 -35 45.6 19.2	-0.84 + 7.5	21.0/11.7	26781
2002 XN ₅₅	2007 10 24.1	01 52.47 +09 36.6 19.2	-0.77 - 6.7	0.7/23.5	25901
2005 EU ₁₄₅	2007 10 24.1	01 52.47 +13 47.4 20.6	-0.85 - 2.9	0.7/24.7	26034
2000 HH ₇₄	2007 10 24.1	01 52.48 +13 06.7 21.3	-0.75 - 5.7	0.4/24.6	26571
2001 RA ₁₄₆	2007 10 24.1	01 52.51 +18 17.5 18.8	-0.80 - 4.8	2.4/26.2	25833
2001 RX ₄₉	2007 10 24.1	01 52.51 +33 19.0 19.6	-0.96 - 1.5	7.8/30.4	48073
2001 SJ ₂₉₈	2007 10 24.1	01 52.52 +19 25.4 20.1	-0.84 - 3.2	2.3/26.4	26600
2005 ED ₂₁₁	2007 10 24.1	01 52.54 +25 12.3 20.5	-1.05 - 1.9	4.7/27.7	24465
2006 HC ₈₅	2007 10 24.1	01 52.56 +17 34.8 19.6	-1.02 - 3.2	2.1/25.7	26162
2004 BA ₄₈	2007 10 24.1	01 52.56 -17 53.8 19.6	-0.78 - 2.6	8.5/15.3	77769
2006 FN ₄₅	2007 10 24.1	01 52.57 +05 32.4 20.6	-1.03 - 5.6	2.3/22.5	26757
2005 AQ ₄₃	2007 10 24.1	01 52.58 +17 27.4 19.8	-1.02 - 5.1	2.4/25.8	26722
2001 SS ₄₂	2007 10 24.1	01 52.61 +22 02.5 18.9	-0.98 + 0.1	3.4/26.7	61005
2005 GJ ₁₈₁	2007 10 24.1	01 52.61 +04 12.6 20.5	-0.73 - 6.2	2.1/21.9	26745
2007 TA ₁₂	2007 10 24.1	01 52.62 +11 27.6 17.9	-0.80 - 7.6	0.0/24.1	26520
2002 VS ₃₆	2007 10 24.1	01 52.66 +03 03.7 19.2	-0.86 - 2.6	2.6/21.9	26649

2005 CF ₇₉	2007 10 24.1	01 52.69 +18 36.0 20.4	-0.96 - 3.6	2.3/26.1	26729
2003 WN ₁₃₃	2007 10 24.1	01 52.69 +05 23.5 19.7	-0.92 - 3.9	2.3/22.5	26694
1998 WD ₃	2007 10 24.1	01 52.71 -05 37.0 18.2	-0.82 + 1.0	8.5/20.0	26554
2003 WR ₁₀₈	2007 10 24.1	01 52.72 +20 51.6 18.5	-0.96 - 5.0	3.9/27.0	25966
2001 FX ₂₁	2007 10 24.1	01 52.74 -00 14.4 21.0	-0.81 - 7.4	3.4/20.4	74936
2003 SC ₂₄₄	2007 10 24.1	01 52.74 +10 40.4 20.0	-0.95 - 4.3	0.3/23.9	26673
1999 YF ₁₁	2007 10 24.1	01 52.76 +04 57.4 20.1	-0.90 - 5.2	2.4/22.3	26565
2002 LN ₆₂	2007 10 24.1	01 52.78 -09 21.9 20.4	-0.91 - 2.2	7.1/18.6	26624
2004 YB ₁₅	2007 10 24.2	01 52.76 +16 52.6 20.2	-0.94 - 4.9	1.7/25.7	02236
2004 DL ₁₀	2007 10 24.2	01 52.77 +16 12.8 19.0	-0.82 - 5.4	1.6/25.6	26709
2005 BT ₂₄	2007 10 24.2	01 52.81 +04 03.3 20.5	-0.99 - 5.6	2.8/22.1	87648
2004 EK ₈₀	2007 10 24.2	01 52.84 -05 26.9 20.2	-0.75 - 3.7	4.6/19.1	11041
2003 OD ₁₃	2007 10 24.2	01 52.87 +15 16.6 18.6	-0.92 - 4.9	1.8/25.3	26659
2006 DB ₆₀	2007 10 24.2	01 52.90 +10 14.4 20.3	-1.01 - 6.6	0.5/23.8	26134
2005 AP ₅₅	2007 10 24.2	01 52.92 +12 20.9 20.2	-1.04 - 5.1	0.3/24.4	26723
2002 GZ ₄₁	2007 10 24.2	01 52.98 +12 58.7 20.0	-0.98 - 4.9	0.5/24.6	26617
2002 QN ₂₀	2007 10 24.2	01 53.00 +13 44.8 19.2	-0.89 - 4.1	0.7/24.9	26630
2000 GA ₂₄	2007 10 24.2	01 53.00 +13 51.0 20.1	-0.83 - 3.6	0.7/24.9	26570
2003 SY ₂₈₈	2007 10 24.2	01 53.01 +09 43.2 19.5	-1.04 - 2.0	0.8/23.8	26675
2005 JH ₄₇	2007 10 24.2	01 53.01 +01 03.7 18.7	-1.00 + 0.5	3.7/21.8	26746
1998 FM ₃₁	2007 10 24.2	01 53.03 +10 45.3 20.1	-0.97 - 4.4	0.3/24.0	26552
2006 HC ₁₀₁	2007 10 24.2	01 53.04 +06 26.8 21.5	-0.97 - 5.4	1.8/22.8	26763
2004 XQ ₁₄₃	2007 10 24.2	01 53.12 +17 56.4 18.7	-1.09 - 5.2	2.9/26.0	26719
2004 BV ₁₁₉	2007 10 24.2	01 53.16 +22 01.4 19.2	-0.94 - 1.8	3.3/27.0	26707
2005 EM ₁₆₆	2007 10 24.2	01 53.16 +13 12.6 18.6	-0.93 - 5.5	0.7/24.7	26736
2007 TL ₄₉	2007 10 24.2	01 53.19 +15 12.8 18.7	-0.96 - 4.0	1.7/25.3	26532
2005 AB ₁	2007 10 24.3	01 53.14 +06 08.0 19.7	-0.97 - 5.5	2.0/22.8	77798
2003 SH ₁₇₈	2007 10 24.3	01 53.15 +27 45.7 19.5	-1.19 - 1.0	5.9/28.3	26671
2000 WA ₁₅	2007 10 24.3	01 53.24 +16 54.2 17.5	-0.91 - 3.4	2.7/25.8	26582
1999 XG ₄₃	2007 10 24.3	01 53.24 +14 11.6 18.2	-0.85 - 5.4	1.2/25.1	26563
2002 XP ₄₂	2007 10 24.3	01 53.26 +11 45.8 19.1	-0.84 - 2.8	0.0/24.4	26653
2000 ET ₂₆	2007 10 24.3	01 53.27 +48 12.8 16.8	-2.46 +31.8	21.3/17.9	26569
2003 UE ₂₁₁	2007 10 24.3	01 53.33 +16 57.1 19.9	-0.87 - 8.6	2.1/26.1	26685
2002 YN ₃₀	2007 10 24.3	01 53.35 +06 56.0 19.6	-0.78 - 4.0	1.5/23.0	61686
2004 CJ ₉₂	2007 10 24.3	01 53.36 -09 39.9 21.3	-0.78 - 2.1	5.5/18.3	04295
2003 SW ₄₂	2007 10 24.3	01 53.42 +20 11.4 19.8	-0.97 - 7.2	3.4/27.0	86109
2000 SA ₁₈₉	2007 10 24.3	01 53.42 +10 06.1 19.2	-0.97 - 7.9	0.6/23.9	26578
2002 XO ₇₀	2007 10 24.3	01 53.47 -10 03.7 19.6	-0.83 - 1.0	6.2/18.4	24389
2001 SF ₃₃₅	2007 10 24.3	01 53.48 +03 13.3 19.6	-0.72 - 6.4	2.6/21.7	26600
2001 SF ₁₃₀	2007 10 24.3	01 53.50 +00 00.7 20.0	-0.69 - 7.7	3.1/20.5	04166
2005 GX ₁₃₇	2007 10 24.3	01 53.53 +13 59.7 18.5	-0.85 - 6.4	0.8/25.1	97783
2005 JY ₄₆	2007 10 24.3	01 53.54 +09 04.9 21.3	-0.76 - 3.9	0.7/23.6	77214
2005 GB ₉₄	2007 10 24.3	01 53.60 +10 27.3 19.1	-0.88 - 3.4	0.4/24.1	26048
2003 WZ ₁₃₆	2007 10 24.4	01 53.52 +03 10.3 19.3	-0.92 - 3.5	3.1/22.1	26694
1999 UY ₂₂	2007 10 24.4	01 53.52 +10 49.4 20.0	-0.88 - 7.3	0.3/24.2	26559
2001 SD ₂₃₈	2007 10 24.4	01 53.53 +21 46.4 20.3	-0.95 - 0.3	3.2/26.9	26600
2001 DY ₁₀₄	2007 10 24.4	01 53.53 +13 21.8 19.4	-0.97 - 4.9	0.7/24.9	26588
2002 RF ₁₅₅	2007 10 24.4	01 53.55 +11 29.4 19.7	-0.83 - 6.0	0.1/24.4	26637
2003 OV ₁₀	2007 10 24.4	01 53.56 +02 52.8 19.9	-1.05 - 3.5	3.5/22.2	26659
2003 UK ₃₁₇	2007 10 24.4	01 53.57 +07 21.3 20.7	-0.96 - 5.0	1.7/23.2	25951
2005 CT ₂₆	2007 10 24.4	01 53.58 +07 15.4 20.7	-0.93 - 4.0	1.5/23.2	26726

2005 AW ₂₅	2007 10 24.4	01 53.58 +15 43.1 20.1	-0.94 - 5.9	1.3/25.6	26722
2004 DU ₇₉	2007 10 24.4	01 53.62 +01 12.1 20.4	-0.71 - 5.5	2.9/21.2	23978
2005 EZ ₁₃₃	2007 10 24.4	01 53.62 +09 07.3 19.1	-0.98 - 5.2	1.1/23.7	26734
1998 FH ₂₀	2007 10 24.4	01 53.63 -11 02.4 20.6	-0.86 - 8.1	7.0/17.0	31812
2005 EO ₂₈₀	2007 10 24.4	01 53.66 +10 23.1 18.7	-1.04 + 0.2	0.5/24.1	26739
2003 SG ₅₇	2007 10 24.4	01 53.66 +12 17.3 18.1	-0.94 - 2.7	0.3/24.6	26667
2004 BZ ₁	2007 10 24.4	01 53.66 +00 56.0 19.1	-0.89 - 3.1	4.2/21.5	26703
2004 XM ₁₆₂	2007 10 24.4	01 53.68 +00 24.9 18.0	-0.97 - 1.9	5.8/21.5	26719
2003 QE ₂₅	2007 10 24.4	01 53.68 +28 23.5 19.4	-1.10 - 4.7	6.2/29.3	02154
2002 ER ₉₉	2007 10 24.4	01 53.69 +04 16.1 19.2	-1.08 - 2.5	3.2/22.6	26615
2003 TB ₁₀	2007 10 24.4	01 53.72 -12 25.5 17.6	-1.79 +13.8	11.2/22.5	26677
2005 GF ₁₂₇	2007 10 24.4	01 53.72 -04 07.9 20.0	-0.76 - 3.3	4.5/19.9	26744
2005 EJ ₁₀₈	2007 10 24.4	01 53.76 +29 02.9 20.6	-0.98 - 3.7	5.0/29.5	86652
2007 SG ₁₅	2007 10 24.4	01 53.78 +02 28.5 19.1	-0.98 -21.0	3.9/21.0	26511
2003 WJ ₁₀₁	2007 10 24.4	01 53.83 +11 00.7 19.9	-0.93 - 4.5	0.2/24.3	26693
2001 SP ₂₁₇	2007 10 24.4	01 53.83 -08 30.9 19.4	-0.69 -10.7	6.1/17.2	26599
2005 AK ₁₇	2007 10 24.4	01 53.84 +12 15.3 19.5	-1.02 - 5.2	0.2/24.6	26721
2000 JQ ₁₀	2007 10 24.4	01 53.85 +14 10.8 17.8	-0.92 -10.4	1.3/25.3	26571
2000 SZ ₂₉₇	2007 10 24.4	01 53.86 +15 50.4 18.5	-0.82 -10.2	2.0/25.9	26579
2006 DG ₆₀	2007 10 24.4	01 53.91 +13 01.6 20.5	-1.03 - 5.6	0.5/24.9	26753
2004 DF ₄₉	2007 10 24.4	01 53.92 +01 51.7 19.2	-0.73 - 6.8	3.3/21.3	26710
1999 XC ₂₃₉	2007 10 24.4	01 53.97 +11 08.2 19.1	-0.89 - 5.7	0.2/24.3	26565
2002 HU ₁₆	2007 10 24.4	01 53.98 +13 41.1 20.3	-1.10 - 1.3	0.7/25.0	26620
2005 CZ ₂₀	2007 10 24.5	01 53.89 +07 03.4 19.2	-0.99 - 4.6	1.8/23.2	26726
1996 VB ₃₉	2007 10 24.5	01 53.90 +10 23.5 18.7	-0.92 - 0.4	0.5/24.2	25785
2005 JE ₂₀	2007 10 24.5	01 53.92 -04 34.9 20.5	-0.68 - 5.6	4.1/19.3	03698
2006 GY ₈	2007 10 24.5	01 53.94 +06 23.7 20.6	-1.00 - 4.5	2.0/23.1	01566
2004 CG ₃	2007 10 24.5	01 53.96 +18 25.1 20.2	-0.87 - 1.7	1.8/26.3	26707
2004 CB ₆	2007 10 24.5	01 53.96 +19 57.9 20.4	-0.83 - 4.2	2.5/26.9	14076
2002 FX ₃₄	2007 10 24.5	01 54.01 +14 22.5 19.6	-0.99 - 6.1	0.9/25.3	26617
2002 EQ ₁₅₅	2007 10 24.5	01 54.02 +13 48.4 19.8	-0.96 - 7.7	0.8/25.2	25848
2005 CZ ₅₆	2007 10 24.5	01 54.03 +07 34.7 19.4	-0.96 - 6.5	1.7/23.3	26728
2006 KO ₁₀	2007 10 24.5	01 54.03 +14 18.7 19.3	-0.97 - 8.0	1.0/25.3	26767
2001 QF ₂₃₀	2007 10 24.5	01 54.03 +26 18.4 18.6	-0.82 - 4.9	5.5/29.2	26595
2004 BP ₉₄	2007 10 24.5	01 54.05 +42 11.0 21.0	-0.89 - 4.3	6.8/03.9	77772
2001 EZ ₁₇	2007 10 24.5	01 54.07 -01 17.0 20.0	-0.85 - 3.5	3.9/21.0	02031
2004 VX ₁₄	2007 10 24.5	01 54.08 +22 26.9 19.0	-1.21 - 6.0	4.9/27.6	26716
2006 DH ₃₇	2007 10 24.5	01 54.17 +27 07.5 18.1	-1.29 - 0.4	7.1/28.5	26753
2004 CH ₁₀₀	2007 10 24.5	01 54.21 +42 01.0 21.0	-1.11 + 0.1	7.6/01.9	04296
2005 ER ₁₆₅	2007 10 24.5	01 54.27 +07 13.4 19.9	-0.90 - 6.1	1.9/23.3	26736
2003 UG ₂₅₈	2007 10 24.5	01 54.29 +11 11.2 20.3	-0.95 - 4.9	0.2/24.4	77737
2000 CE ₁₂₃	2007 10 24.5	01 54.30 -02 20.5 21.2	-0.82 - 4.7	3.9/20.4	87371
2005 CR ₃₅	2007 10 24.5	01 54.31 +02 23.3 20.4	-0.99 - 3.3	3.3/22.1	26727
2006 JF ₁₄	2007 10 24.5	01 54.33 +14 33.6 20.2	-0.98 - 5.5	1.0/25.4	26765
2006 HV ₆₈	2007 10 24.5	01 54.34 +08 25.6 21.2	-0.96 - 6.0	1.2/23.7	01686
1999 TD ₁₇₅	2007 10 24.5	01 54.34 +16 20.3 18.3	-0.82 - 7.7	2.1/26.1	26558
2005 JZ ₇₆	2007 10 24.6	01 54.29 -20 05.6 19.9	-0.75 - 2.4	8.6/14.6	26747
2003 WA ₃	2007 10 24.6	01 54.30 -10 47.8 19.7	-1.04 + 4.0	10.8/19.8	25956
2007 SH ₁₅	2007 10 24.6	01 54.36 +10 42.1 18.4	-0.96 - 3.5	0.5/24.3	26511
2002 QK ₅₅	2007 10 24.6	01 54.39 +13 41.0 19.6	-0.94 - 2.5	0.7/25.1	26631
1998 FP ₆₇	2007 10 24.6	01 54.42 +06 31.0 20.0	-0.97 - 5.0	1.8/23.2	26552

2004 DH ₂₂	2007 10 24.6	01 54.50 +21 41.7 19.4	-0.92 - 1.8	2.8/27.0	26710
2005 JL ₇₃	2007 10 24.6	01 54.57 +12 54.1 19.6	-0.76 - 7.6	0.4/25.0	26747
2005 GF ₁₄₁	2007 10 24.6	01 54.59 -15 59.8 21.8	-0.68 - 5.2	5.9/15.5	09201
2002 RL ₁₁₉	2007 10 24.6	01 54.60 +03 19.2 18.9	-0.82 - 4.8	3.2/22.2	26636
2003 WY ₅₉	2007 10 24.6	01 54.60 +12 48.4 18.9	-0.89 - 5.2	0.5/25.0	26691
2003 PU ₈	2007 10 24.6	01 54.63 +17 07.7 19.7	-1.04 - 6.0	1.9/26.2	26660
2006 HV ₃	2007 10 24.6	01 54.73 +02 43.0 18.9	-1.05 - 1.2	4.0/22.6	26760
2001 QV ₂₂₆	2007 10 24.7	01 54.68 +01 35.0 19.5	-0.70 - 8.8	3.1/21.3	26595
1999 XA ₅₁	2007 10 24.7	01 54.69 -02 32.3 19.0	-0.99 - 0.8	5.8/21.2	26563
2003 UE ₁₉₇	2007 10 24.7	01 54.70 +07 18.6 18.9	-0.93 - 3.2	1.9/23.5	26684
2003 WT ₇₀	2007 10 24.7	01 54.75 +30 22.8 18.7	-1.20 + 0.6	7.4/29.0	26691
2007 TG ₄₉	2007 10 24.7	01 54.76 +13 51.5 18.9	-0.76 - 5.8	0.7/25.4	26532
2002 OY ₄	2007 10 24.7	01 54.77 +02 00.3 20.2	-0.81 - 8.2	3.3/21.6	26626
1999 TQ ₁₅₁	2007 10 24.7	01 54.77 +16 22.9 18.5	-1.22 + 3.9	2.2/25.6	26558
2006 JD ₃₀	2007 10 24.7	01 54.79 +04 22.8 19.8	-0.95 - 3.1	3.0/22.8	26765
2002 CE ₂₄₅	2007 10 24.7	01 54.80 +25 19.8 18.2	-1.03 - 5.7	6.3/28.7	26612
2004 GY ₆	2007 10 24.7	01 54.81 -02 00.6 21.7	-0.72 - 6.1	3.8/20.3	66356
2001 FJ ₁₀₉	2007 10 24.7	01 54.82 +05 17.6 19.5	-0.87 - 6.2	2.2/22.8	26590
2007 TC ₁₂₀	2007 10 24.7	01 54.83 +05 31.8 18.2	-0.87 - 4.9	3.0/22.9	26542
2000 BM ₂	2007 10 24.7	01 54.86 +36 35.7 18.1	-0.97 - 1.0	12.2/31.8	26567
2001 DX ₆₁	2007 10 24.7	01 54.89 +17 20.1 20.7	-0.92 - 4.6	1.7/26.3	26588
2001 FX ₈₅	2007 10 24.7	01 54.92 +10 37.1 19.3	-0.84 - 6.0	0.4/24.4	26589
2006 GD ₂₂	2007 10 24.7	01 54.93 +07 12.2 19.8	-1.08 - 3.9	1.9/23.6	26149
2005 GM ₁₇₅	2007 10 24.7	01 54.98 -00 10.8 19.5	-0.77 - 3.7	3.6/21.3	26745
2002 GK ₅₉	2007 10 24.7	01 55.01 +11 30.1 20.2	-0.96 - 5.9	0.1/24.7	26618
2005 YS ₂₀₄	2007 10 24.7	01 55.01 -35 19.5 19.9	-1.21 + 0.4	20.4/10.3	96845
2000 WY ₁₈₉	2007 10 24.7	01 55.04 +13 19.7 18.5	-0.93 - 2.5	0.8/25.2	26584
2003 WD ₉₉	2007 10 24.7	01 55.05 +39 59.2 18.9	-1.02 -12.6	8.7/04.9	26693
2005 EP ₁₂₆	2007 10 24.7	01 55.05 +15 23.3 20.1	-0.81 - 2.9	0.9/25.8	11084
2003 WJ ₆₁	2007 10 24.7	01 55.10 +12 20.8 19.1	-0.87 - 5.0	0.2/25.0	26691
2001 BR ₁₇	2007 10 24.7	01 55.10 +06 53.4 19.9	-0.99 - 4.7	1.9/23.5	26586
2001 SO ₃₃₉	2007 10 24.7	01 55.11 +50 05.1 20.1	-1.22 - 0.7	10.3/06.4	04172
2001 TF ₈₁	2007 10 24.7	01 55.11 +28 45.8 19.1	-0.96 - 1.1	4.9/29.3	26601
2003 QL ₃₅	2007 10 24.8	01 55.04 +12 55.2 18.2	-0.91 - 4.1	0.5/25.1	26662
2003 QM ₁₇	2007 10 24.8	01 55.04 -03 41.8 19.8	-0.94 - 5.9	5.8/20.4	00469
2006 EL ₆₆	2007 10 24.8	01 55.06 +16 27.5 19.5	-1.08 - 6.0	1.9/26.1	26143
2003 YO ₁₂	2007 10 24.8	01 55.06 +19 27.1 19.1	-1.01 - 1.2	2.9/26.7	26698
2003 YX ₂₅	2007 10 24.8	01 55.07 +07 10.4 18.6	-0.92 - 2.6	2.0/23.6	25977
2007 TW ₁₃	2007 10 24.8	01 55.10 +06 39.7 18.6	-0.86 - 9.2	2.3/23.2	26523
2005 JW ₇₃	2007 10 24.8	01 55.12 +02 24.6 20.6	-0.81 - 2.1	2.7/22.3	26055
2003 UR ₁₅₉	2007 10 24.8	01 55.16 +01 57.0 20.3	-0.95 - 1.9	3.1/22.3	10998
2000 SN ₅₃	2007 10 24.8	01 55.18 +16 51.3 19.5	-1.06 - 4.2	2.4/26.2	25805
2005 AA ₃₉	2007 10 24.8	01 55.18 -00 43.3 20.6	-0.87 - 3.9	3.7/21.4	02238
1999 VT ₁₂₄	2007 10 24.8	01 55.27 +08 17.0 20.5	-0.90 - 5.1	1.3/23.8	26561
2000 UU ₃₄	2007 10 24.8	01 55.27 +13 37.2 18.4	-0.96 - 5.7	0.8/25.4	26580
2007 TX ₆₆	2007 10 24.8	01 55.30 +08 00.1 19.7	-1.05 - 1.3	1.5/24.0	26534
2004 BW ₁₄₃	2007 10 24.8	01 55.32 +06 32.7 19.2	-0.82 - 3.9	1.9/23.4	26707
2002 RV ₁₄₄	2007 10 24.8	01 55.34 +09 39.3 19.8	-0.80 - 7.6	0.7/24.2	26636
2002 NQ ₈	2007 10 24.8	01 55.35 -00 35.5 20.1	-0.85 - 5.1	4.5/21.3	26625
2004 EE ₂₅	2007 10 24.8	01 55.36 +28 25.6 21.3	-0.98 - 0.6	4.9/29.1	65593
2006 GX ₄₂	2007 10 24.8	01 55.38 +24 36.2 19.4	-1.12 - 2.3	4.5/28.2	26152

2003 WE ₄₇	2007 10 24.8	01 55.40 +13 39.0 19.4	-0.99 - 2.5	0.7/25.3	25960
2000 WY ₁₅₂	2007 10 24.8	01 55.44 +11 59.1 18.9	-1.22 + 1.2	0.1/24.9	25818
2000 BD ₃₃	2007 10 24.8	01 55.48 +21 45.0 20.0	-0.89 - 4.1	2.9/27.7	26567
2001 OG ₇₈	2007 10 24.8	01 55.48 -01 45.4 18.9	-0.85 - 1.5	4.6/21.4	26592
2003 RS ₄	2007 10 24.8	01 55.50 +20 30.4 19.1	-0.90 -11.5	3.4/27.9	26665
2001 QZ ₃₃₃	2007 10 24.9	01 55.42 +17 08.7 18.9	-0.71 -10.5	1.8/26.8	25829
2005 CM ₆₂	2007 10 24.9	01 55.55 +00 36.2 20.5	-0.98 - 4.6	4.2/21.8	87652
2004 BB ₈₉	2007 10 24.9	01 55.58 -01 58.3 20.9	-0.73 - 5.7	3.8/20.6	86241
2005 EK ₇₁	2007 10 24.9	01 55.58 +12 51.3 19.7	-1.02 - 3.1	0.4/25.2	26031
2002 VA ₉₃	2007 10 24.9	01 55.59 -04 12.1 19.9	-0.82 - 2.0	4.7/20.6	26651
2005 GJ ₆₅	2007 10 24.9	01 55.62 +12 49.2 20.0	-0.92 - 2.0	0.3/25.2	26046
2006 DU ₇₃	2007 10 24.9	01 55.62 +04 07.2 19.9	-1.01 - 6.2	2.8/22.8	26753
2003 UH ₂₄₄	2007 10 24.9	01 55.65 +12 53.0 18.4	-0.91 - 4.6	0.4/25.2	26686
2006 HW ₉₃	2007 10 24.9	01 55.68 -10 31.8 19.5	-0.85 - 2.6	9.0/18.8	24492
2002 PS ₁₀₄	2007 10 24.9	01 55.69 +25 08.7 18.5	-0.89 - 6.3	4.9/29.1	26628
2006 KP ₆₀	2007 10 24.9	01 55.69 -12 39.9 19.4	-0.97 + 0.2	9.4/19.0	26177
2001 QW ₂₀₉	2007 10 24.9	01 55.71 +22 54.5 19.8	-0.85 - 5.0	3.6/28.4	25827
2003 WH ₂₈	2007 10 24.9	01 55.71 +14 02.3 18.9	-0.93 - 1.3	1.1/25.5	25958
2001 SB ₃₂₇	2007 10 24.9	01 55.71 +18 29.3 19.7	-0.89 - 1.5	2.1/26.7	68936
2005 JU ₁₀₂	2007 10 24.9	01 55.72 -03 33.2 20.3	-0.73 - 4.1	4.3/20.4	26747
2002 QM ₃₈	2007 10 24.9	01 55.75 +15 46.0 19.9	-0.92 - 3.8	1.3/26.1	26631
2003 WQ	2007 10 24.9	01 55.76 +04 26.8 19.4	-0.92 - 3.0	3.0/23.0	25956
2001 DO ₇₈	2007 10 24.9	01 55.78 +05 07.1 20.2	-0.87 - 5.3	2.4/23.0	26588
2005 GR ₁₃	2007 10 24.9	01 55.79 -02 17.8 20.5	-0.73 - 5.2	4.0/20.7	26741
2005 GS ₁₀₈	2007 10 24.9	01 55.81 +08 49.1 19.5	-0.70 - 9.2	0.9/24.0	26049
2002 QF ₃₃	2007 10 24.9	01 55.81 +23 09.5 20.0	-0.99 - 2.5	3.5/28.0	26631
2001 QH ₁₅₆	2007 10 24.9	01 55.87 +28 42.6 19.9	-0.90 - 3.3	4.7/30.0	26594
2004 YC ₆	2007 10 24.9	01 55.87 -15 52.3 19.3	-0.98 - 0.8	10.8/18.0	26720
2005 CW ₄₃	2007 10 24.9	01 55.89 +06 42.5 20.2	-0.96 - 5.9	1.9/23.5	26024
2002 CU ₃₄	2007 10 25.0	01 55.81 +02 31.1 19.8	-1.07 - 3.0	4.0/22.6	87528
2005 EC ₉	2007 10 25.0	01 55.86 +08 03.6 21.0	-0.92 - 5.3	1.3/23.9	26027
1999 JC ₁₃₁	2007 10 25.0	01 55.86 +05 24.9 19.4	-1.05 - 3.5	2.5/23.4	26556
2001 HD ₁₄	2007 10 25.0	01 55.88 -02 08.6 20.9	-0.94 - 2.0	4.2/21.4	77531
2005 EP ₁₉₆	2007 10 25.0	01 55.91 +08 25.5 20.8	-0.89 - 4.8	1.0/24.1	77844
2005 CX ₁₀	2007 10 25.0	01 55.91 +21 34.2 20.4	-1.12 - 3.0	3.9/27.0	77809
2006 HF ₆₇	2007 10 25.0	01 55.92 +12 54.7 19.0	-0.84 - 9.0	0.4/25.4	26160
2000 YF ₁₂₃	2007 10 25.0	01 55.93 +07 13.5 20.2	-0.99 - 5.1	2.0/23.7	26585
2007 TO ₁₄₅	2007 10 25.0	01 55.95 +08 42.1 19.5	-0.87 - 6.7	1.2/24.1	26543
2003 NS ₆	2007 10 25.0	01 55.95 +08 33.5 19.2	-1.09 - 3.0	1.3/24.2	26659
2003 SE ₅₀	2007 10 25.0	01 55.95 +19 49.5 19.9	-0.94 - 6.5	3.4/27.4	25921
2006 GA ₂₁	2007 10 25.0	01 56.02 +07 19.5 19.5	-1.09 - 1.6	1.9/24.0	26149
2004 FS ₉₈	2007 10 25.0	01 56.03 +12 34.9 19.3	-0.84 - 2.7	0.2/25.2	25999
2005 GG ₅₅	2007 10 25.0	01 56.04 +10 10.6 20.5	-0.78 - 3.8	0.5/24.6	26742
2003 WO ₁₉₂	2007 10 25.0	01 56.06 +06 20.2 19.8	-0.94 - 3.0	1.9/23.6	26696
2002 PP ₁₃₉	2007 10 25.0	01 56.06 +05 36.7 19.3	-0.81 - 7.3	2.1/23.1	26629
2001 QT ₂₉₂	2007 10 25.0	01 56.07 +01 09.7 19.8	-0.70 -11.6	3.2/21.2	26595
2005 JB ₆₇	2007 10 25.0	01 56.07 -00 34.0 20.7	-0.72 - 5.1	3.3/21.3	11100
2003 WG ₃₂	2007 10 25.0	01 56.08 +24 16.2 19.1	-0.88 - 8.8	4.1/29.1	26690
2002 AF ₅₂	2007 10 25.0	01 56.08 +11 42.6 19.6	-1.03 - 6.8	0.1/25.0	26606
2002 JA ₄₆	2007 10 25.0	01 56.08 +17 40.1 20.6	-1.02 - 4.5	1.9/26.6	85512
2002 JR ₂₁	2007 10 25.0	01 56.16 +00 59.2 20.4	-0.94 - 3.9	3.7/22.2	00256

2005 GQ ₈	2007 10 25.0	01 56.21 +20 49.6 19.7	-0.87 - 6.4	2.8/27.8	26741
2006 DK ₁₉₃	2007 10 25.1	01 56.23 -25 21.5 19.6	-1.25 + 6.7	14.5/18.8	24484
2005 AH ₁₆	2007 10 25.1	01 56.24 +19 24.8 19.3	-0.99 - 5.7	2.7/27.3	26721
2005 EF ₁₁	2007 10 25.1	01 56.35 +22 31.1 20.4	-1.02 - 2.7	3.4/27.9	26729
2002 VT ₁₁₈	2007 10 25.1	01 56.35 -03 56.8 19.0	-0.93 + 0.3	4.3/21.3	26651
2004 CK ₂₅	2007 10 25.1	01 56.36 +13 27.7 20.6	-0.82 - 3.7	0.5/25.6	26708
2002 FD ₁₅	2007 10 25.1	01 56.36 +07 43.7 18.7	-1.15 - 1.6	1.7/24.2	26616
2001 FP ₆₈	2007 10 25.1	01 56.40 +03 47.5 20.1	-0.90 - 5.3	2.6/22.8	26589
2005 HY ₂	2007 10 25.1	01 56.40 +13 40.6 19.3	-0.78 -12.7	0.7/25.8	26745
2002 ND ₅₇	2007 10 25.1	01 56.46 +33 45.7 19.6	-1.08 - 2.7	7.8/31.3	25855
2002 QQ ₁₀₂	2007 10 25.1	01 56.46 +07 40.8 19.4	-0.92 - 2.9	1.5/24.1	26633
2003 WO ₈₀	2007 10 25.1	01 56.46 +24 00.3 19.5	-0.91 - 6.8	4.5/28.9	26692
2004 CW ₅₄	2007 10 25.1	01 56.51 +21 00.7 20.9	-0.84 - 2.5	2.4/27.7	04294
2001 FH ₈₁	2007 10 25.1	01 56.54 +26 47.9 20.6	-0.98 - 4.5	4.5/29.5	12748
2002 LK ₇	2007 10 25.1	01 56.56 -06 54.1 19.8	-0.94 - 2.1	7.1/20.4	26624
2005 GV ₁₀	2007 10 25.1	01 56.56 +04 56.1 20.1	-0.75 - 5.2	2.0/23.1	26741
2007 TK ₆₇	2007 10 25.1	01 56.61 +03 36.7 19.6	-0.76 - 7.4	2.8/22.5	26534
2006 FE ₂₇	2007 10 25.2	01 56.57 +12 33.3 19.5	-1.08 - 2.9	0.3/25.4	26757
1999 VN ₂₀₉	2007 10 25.2	01 56.59 +05 30.2 20.1	-0.90 - 3.2	2.9/23.5	26562
2005 CA ₁₆	2007 10 25.2	01 56.62 +09 12.9 19.4	-0.92 - 5.2	1.0/24.4	26726
2005 CZ ₂₁	2007 10 25.2	01 56.67 +08 41.3 20.8	-0.99 - 4.3	1.2/24.4	76656
2005 GZ ₁₀₃	2007 10 25.2	01 56.71 -25 52.1 20.7	-0.83 - 0.5	9.3/14.0	87666
2001 PU ₃₆	2007 10 25.2	01 56.73 +03 57.0 19.1	-0.86 - 1.4	2.6/23.2	26593
2000 SH ₁₆₅	2007 10 25.2	01 56.73 +29 19.2 19.3	-1.13 - 4.0	7.4/30.1	29369
2006 KP ₁₇	2007 10 25.2	01 56.76 -24 33.4 18.9	-0.90 + 1.2	11.7/16.3	01794
1999 VG ₉₆	2007 10 25.2	01 56.78 +13 46.9 19.1	-0.70 - 9.1	0.9/25.9	26561
2004 CA ₉₅	2007 10 25.2	01 56.79 +23 39.6 19.4	-0.91 - 2.8	3.8/28.5	26709
2000 SR ₅₉	2007 10 25.2	01 56.81 +14 06.9 18.4	-0.92 - 6.2	1.0/25.9	25805
2002 VQ ₁₃	2007 10 25.2	01 56.81 -24 55.5 18.9	-1.74 +13.8	20.2/21.9	26649
2002 QO ₅₇	2007 10 25.2	01 56.84 +19 29.7 19.6	-0.91 - 4.5	2.7/27.4	26631
2002 CT ₁₂₃	2007 10 25.2	01 56.85 +06 09.1 20.0	-0.95 - 6.3	2.0/23.6	26610
2005 EX ₁₀₈	2007 10 25.2	01 56.88 +28 30.0 20.3	-0.96 - 3.5	4.9/30.0	14147
2002 CN ₁₅₉	2007 10 25.2	01 56.90 +03 32.5 19.4	-0.99 - 5.2	3.2/23.0	26611
2003 ST ₂₉	2007 10 25.2	01 56.95 +14 41.3 18.2	-1.01 - 2.3	1.2/26.0	26666
2005 GA ₁₅₂	2007 10 25.2	01 56.96 +14 58.7 19.0	-0.85 - 3.0	1.0/26.1	26051
2002 TX ₁₈₂	2007 10 25.2	01 56.96 +12 38.2 19.2	-0.80 - 8.3	0.3/25.5	26644
2003 WK ₁₉₃	2007 10 25.2	01 56.98 +20 07.3 20.3	-1.08 - 1.3	3.6/27.3	25973
2005 LO ₁₄	2007 10 25.2	01 57.01 -06 01.5 20.2	-0.80 - 2.5	5.6/20.2	09276
2007 TF ₁₈	2007 10 25.2	01 57.01 +14 00.2 19.4	-0.91 - 0.8	0.7/25.8	26526
2005 ES ₁₅₃	2007 10 25.3	01 56.97 -21 48.1 21.5	-0.74 - 2.2	7.7/15.1	76919
2005 GL ₁₅₄	2007 10 25.3	01 56.97 +05 05.5 20.6	-0.81 - 6.6	2.1/23.2	87667
2001 OM ₉₁	2007 10 25.3	01 56.99 +28 34.4 20.4	-0.83 - 8.0	5.3/31.1	48041
1998 MW ₁₇	2007 10 25.3	01 57.00 +04 30.6 19.8	-0.88 - 5.5	3.2/23.2	26553
2005 AE ₃₃	2007 10 25.3	01 57.01 -02 56.3 18.7	-0.97 - 3.7	6.5/21.2	26722
2005 AZ ₃₈	2007 10 25.3	01 57.06 +11 41.6 20.0	-1.05 - 4.2	0.1/25.3	87644
2004 EZ ₂₇	2007 10 25.3	01 57.07 +10 39.7 21.0	-0.78 - 4.5	0.4/24.9	62524
2002 RR ₂₂₇	2007 10 25.3	01 57.08 +17 04.1 19.3	-0.86 - 4.9	1.9/26.8	26638
2004 EV ₃	2007 10 25.3	01 57.08 -28 03.9 19.6	-0.76 - 4.9	11.7/09.8	04299
2004 BX ₂₄	2007 10 25.3	01 57.09 +11 21.3 19.7	-0.82 - 5.0	0.2/25.2	26704
2005 EZ ₂₂₄	2007 10 25.3	01 57.09 -36 10.8 19.7	-0.84 - 0.4	12.2/08.6	04322
2000 UM ₇₀	2007 10 25.3	01 57.09 +16 23.1 18.5	-1.00 - 5.1	2.0/26.5	26581

2000 AU ₆₉	2007 10 25.3	01 57.13 -06 17.6 18.0	-0.89 - 2.9	7.6/20.2	26566	2002 GZ ₉₄	2007 10 25.6	01 58.25 +13 34.2 19.7	-0.94 - 7.7	0.6/26.1	26618
2002 JX ₁₀₄	2007 10 25.3	01 57.20 -01 24.3 20.4	-1.06 + 0.1	4.9/22.5	18013	2002 CR ₂₁₉	2007 10 25.6	01 58.27 +03 38.4 21.4	-0.95 - 5.8	2.9/23.3	30684
2002 SV ₆₃	2007 10 25.3	01 57.21 +20 34.7 18.9	-1.04 0.0	3.8/27.4	25880	2005 EY ₁₃₀	2007 10 25.6	01 58.28 +12 18.7 20.0	-0.93 - 5.6	0.1/25.7	26734
2004 QY ₂₆	2007 10 25.3	01 57.24 +41 35.6 20.1	-1.80 + 3.5	14.2/31.8	09055	2002 VX ₁₅	2007 10 25.6	01 58.30 -05 55.5 19.0	-0.88 - 1.1	6.1/20.9	26649
2006 JE ₃₄	2007 10 25.3	01 57.25 +10 48.6 19.9	-0.90 - 5.6	0.4/25.0	26170	2002 RD ₈₉	2007 10 25.6	01 58.30 +16 27.5 18.9	-0.88 - 4.4	1.6/26.9	26635
2005 GX ₆₃	2007 10 25.3	01 57.26 +10 30.4 20.3	-0.95 - 1.7	0.4/25.0	24024	2003 UM ₁₄₇	2007 10 25.6	01 58.30 +00 16.4 18.6	-0.99 - 0.1	4.9/22.9	26682
2007 TZ ₉₄	2007 10 25.3	01 57.28 +09 09.5 18.4	-1.79 +11.8	1.5/25.1	26540	2001 QX ₄₀	2007 10 25.6	01 58.38 +20 58.7 18.9	-0.87 - 3.8	3.1/28.2	25824
2001 RD ₁₀₀	2007 10 25.3	01 57.28 +21 02.0 18.9	-0.93 - 1.5	3.0/27.7	26596	2002 QJ ₇₉	2007 10 25.6	01 58.41 +08 13.5 20.0	-0.83 - 6.5	1.4/24.5	08331
2003 XM ₁₅	2007 10 25.3	01 57.28 +14 40.3 18.9	-0.80 -11.6	1.0/26.3	26697	2005 BH ₈	2007 10 25.6	01 58.42 -01 28.6 20.2	-0.99 - 3.3	5.4/22.1	86623
2002 PM ₁₂₃	2007 10 25.3	01 57.32 +31 32.9 20.7	-0.99 - 4.7	6.4/31.4	02115	2000 WU ₁₆	2007 10 25.6	01 58.56 +09 14.9 18.6	-0.98 - 4.4	1.3/24.9	26582
2000 RA ₁₀₁	2007 10 25.3	01 57.39 +10 26.1 19.0	-0.95 -16.8	0.6/24.8	26575	2001 TY ₁₇₀	2007 10 25.7	01 58.48 +16 05.6 18.7	-0.75 - 6.8	1.3/27.0	25838
2006 HJ ₂₂	2007 10 25.3	01 57.39 +07 52.9 20.7	-0.98 - 5.9	1.5/24.2	26760	2002 EH ₁₀₅	2007 10 25.7	01 58.51 +07 37.2 20.9	-1.02 - 3.4	1.5/24.6	26615
2002 XB ₁₁₅	2007 10 25.3	01 57.45 -36 14.2 19.6	-1.49 + 9.8	25.0/15.2	97629	2003 YV ₁₄₀	2007 10 25.7	01 58.51 +11 23.4 18.6	-1.04 + 0.3	0.3/25.6	25983
1998 XN ₆	2007 10 25.4	01 57.33 +04 35.1 19.6	-0.85 - 3.0	3.1/23.4	26555	2005 BT ₁₁	2007 10 25.7	01 58.55 -05 21.0 19.5	-0.88 - 5.6	8.3/20.3	26724
2004 BT ₆₂	2007 10 25.4	01 57.40 +07 53.6 20.1	-0.84 - 3.9	1.3/24.3	04289	2004 YT ₁₇	2007 10 25.7	01 58.56 +20 54.8 19.8	-1.01 - 5.9	3.2/28.2	26015
2005 CG ₉	2007 10 25.4	01 57.45 -07 56.4 21.1	-0.85 - 4.8	6.0/19.5	02242	1999 TO ₁₀	2007 10 25.7	01 58.58 +11 09.7 18.0	-0.81 - 7.4	0.4/25.4	26557
2007 TE ₃₆	2007 10 25.4	01 57.48 +25 32.9 17.7	-0.96 + 2.4	8.0/28.6	26530	2003 SY ₁₂	2007 10 25.7	01 58.59 +13 12.7 19.0	-0.96 - 4.8	0.5/26.0	26666
2005 EL ₁₄₇	2007 10 25.4	01 57.48 +11 55.2 20.2	-0.85 - 3.4	0.0/25.4	26735	2002 LX ₃₉	2007 10 25.7	01 58.64 -14 17.2 19.6	-0.94 - 1.1	9.8/19.0	00280
2001 DZ ₄₉	2007 10 25.4	01 57.50 -13 42.0 18.7	-0.92 - 2.5	9.5/18.2	24325	2005 JA ₉₁	2007 10 25.7	01 58.64 +22 07.3 20.6	-0.86 - 7.9	3.0/28.9	24471
2004 CS ₇₀	2007 10 25.4	01 57.51 +09 04.2 20.2	-0.77 - 3.9	0.8/24.6	26708	2005 FW ₃	2007 10 25.7	01 58.67 +04 06.1 19.3	-0.99 + 1.3	2.3/24.0	26740
2006 GN ₅₀	2007 10 25.4	01 57.60 +19 11.6 20.1	-1.09 - 5.9	2.8/27.5	26759	2004 FV ₂₁	2007 10 25.7	01 58.68 -00 49.6 20.0	-0.69 - 9.0	3.6/21.3	77780
2000 SV ₁₃₇	2007 10 25.4	01 57.65 +13 53.0 17.8	-0.87 -10.2	0.8/26.1	26577	2002 PS ₃₃	2007 10 25.7	01 58.73 +05 50.4 20.0	-0.85 - 5.0	2.0/24.0	26627
2005 GE ₇₀	2007 10 25.4	01 57.69 +13 34.0 20.0	-0.83 - 3.9	0.5/25.9	26743	2003 YJ ₈₂	2007 10 25.7	01 58.74 -08 49.3 20.3	-0.82 - 2.4	5.9/19.9	76332
2000 WF ₄₆	2007 10 25.4	01 57.69 +11 33.4 18.3	-0.87 - 8.4	0.2/25.3	26582	2002 GT ₁₀₅	2007 10 25.7	01 58.80 -04 17.8 19.8	-0.95 - 4.9	6.2/21.1	03312
2005 CJ ₆₃	2007 10 25.4	01 57.75 +13 26.7 20.0	-0.94 - 6.9	0.6/25.9	26728	2000 ES ₉₉	2007 10 25.7	01 58.81 +06 45.0 19.9	-0.81 - 5.8	1.9/24.2	26569
2006 JW ₅₃	2007 10 25.4	01 57.76 +12 34.8 20.6	-0.96 - 5.3	0.2/25.6	26766	2002 RT ₉₃	2007 10 25.7	01 58.81 +18 03.2 19.7	-0.85 - 5.7	2.1/27.5	26635
2006 JD ₂₉	2007 10 25.4	01 57.78 +07 13.5 19.5	-0.89 - 6.2	1.8/24.1	26765	2003 YB ₁₂	2007 10 25.7	01 58.84 +34 23.4 19.5	-1.08 - 1.6	9.3/31.6	57452
2002 CP ₃₃	2007 10 25.4	01 57.80 +12 45.1 19.4	-1.17 - 1.0	0.3/25.7	25843	2002 XF ₆₁	2007 10 25.7	01 58.86 +10 09.4 18.9	-0.87 - 3.3	0.7/25.2	26654
2000 QQ ₂₁₂	2007 10 25.4	01 57.81 +19 25.9 17.5	-1.02 - 2.7	3.7/27.4	26574	2002 RW ₂₇₂	2007 10 25.7	01 58.86 +25 08.6 19.9	-0.99 - 3.0	4.5/29.4	26639
2005 AX ₅₈	2007 10 25.5	01 57.76 +02 56.8 19.3	-0.97 - 5.3	3.7/23.0	26723	2003 SN ₂₇₂	2007 10 25.7	01 58.89 +17 44.9 19.6	-0.98 - 5.4	2.1/27.4	26674
2004 XP ₇₈	2007 10 25.5	01 57.76 +06 39.0 18.9	-1.04 - 2.8	2.6/24.2	26010	2001 DS ₁₃	2007 10 25.7	01 58.92 -12 26.3 19.5	-0.82 - 6.0	7.4/18.0	26587
2000 EC ₅₂	2007 10 25.5	01 57.77 +10 09.6 20.3	-0.83 - 5.1	0.6/25.0	26569	2003 QM ₄₀	2007 10 25.7	01 58.95 +30 42.7 19.9	-1.18 - 4.8	7.8/31.4	57923
2005 GW ₃₀	2007 10 25.5	01 57.79 +10 40.9 19.5	-0.86 - 3.5	0.5/25.1	77069	2005 JK ₂₈	2007 10 25.8	01 58.87 -05 48.9 20.4	-0.78 - 3.1	5.3/20.7	77201
2004 DV ₆₅	2007 10 25.5	01 57.79 +19 59.9 20.5	-0.80 - 3.5	2.1/27.8	26711	2001 YP ₁₀₃	2007 10 25.8	01 58.91 +12 16.4 20.0	-1.01 - 6.5	0.0/25.9	26606
2004 CX ₅₇	2007 10 25.5	01 57.81 -06 33.1 19.8	-0.82 - 2.3	5.7/20.4	26708	2004 YB ₂	2007 10 25.8	01 58.93 +07 21.7 18.5	-1.06 - 0.1	2.5/24.8	26720
2002 VT ₁₄₀	2007 10 25.5	01 57.82 +00 52.7 19.2	-0.76 - 6.2	3.7/22.0	26652	2003 UG ₂₂₂	2007 10 25.8	01 58.94 +17 45.3 18.6	-1.02 - 4.1	2.4/27.3	26685
1999 EO	2007 10 25.5	01 57.85 +06 16.0 21.0	-0.76 - 4.7	1.6/23.8	26555	2000 QR ₁₄₈	2007 10 25.8	01 58.96 -30 37.1 18.5	-0.72 - 5.8	19.5/07.0	25803
2002 QA ₇₄	2007 10 25.5	01 57.87 +11 10.6 20.2	-0.93 - 2.6	0.3/25.3	26632	2005 GO ₄₄	2007 10 25.8	01 58.97 +13 53.2 20.0	-0.90 - 5.3	0.7/26.3	26742
2005 GX ₅₂	2007 10 25.5	01 57.87 +09 24.2 19.8	-0.85 - 1.5	0.8/24.9	26045	2002 GO ₁₄₉	2007 10 25.8	01 58.99 +14 21.9 20.8	-0.97 - 5.5	0.7/26.5	24357
2001 AV ₂₉	2007 10 25.5	01 57.91 +06 10.0 18.6	-1.02 - 2.6	2.4/24.1	25819	2003 MM ₉	2007 10 25.8	01 59.01 -05 48.3 18.6	-0.94 - 3.4	7.8/21.1	26658
2005 EH ₃₆	2007 10 25.5	01 57.94 +33 01.1 20.4	-1.01 - 3.7	6.3/31.7	26029	2005 CT ₈	2007 10 25.8	01 59.05 -04 28.3 20.9	-0.87 - 4.7	5.0/21.0	76640
2001 RJ ₉	2007 10 25.5	01 57.94 +54 01.3 18.7	-1.16 - 2.4	13.9/11.5	20942	2005 GH ₃₈	2007 10 25.8	01 59.07 +15 04.3 21.5	-0.83 - 6.5	0.8/26.7	87664
2005 AH ₂₆	2007 10 25.5	01 58.00 +08 53.1 20.0	-0.95 - 5.9	1.1/24.7	26722	2007 RX ₁₇₅	2007 10 25.8	01 59.11 +06 14.8 19.2	-0.76 - 8.5	2.2/23.9	26459
2005 AM ₃₁	2007 10 25.5	01 58.01 +18 04.4 19.5	-1.00 - 5.9	2.2/27.3	26722	2003 AK ₁₇	2007 10 25.8	01 59.12 +56 25.0 19.0	-1.50 - 1.3	22.4/13.4	74247
2005 ER ₂₂₃	2007 10 25.5	01 58.01 +06 21.2 20.8	-0.73 - 4.9	1.5/23.9	26738	2005 JT ₈₈	2007 10 25.8	01 59.14 +12 59.5 19.7	-0.72 - 7.1	0.2/26.1	26747
2003 QR ₅₉	2007 10 25.5	01 58.04 +26 22.1 19.6	-1.26 - 0.6	6.5/29.1	26663	2002 EQ ₇₃	2007 10 25.8	01 59.23 +16 58.3 20.8	-1.03 - 3.7	1.6/27.1	87534
2002 VB ₃₆	2007 10 25.5	01 58.09 +15 20.6 19.1	-0.77 - 7.1	1.0/26.6	26649	2006 JW ₄₉	2007 10 25.8	01 59.23 +10 13.7 20.0	-1.05 - 4.4	0.8/25.4	26171
2007 TO ₁₃₀	2007 10 25.5	01 58.15 +20 04.4 19.5	-0.94 - 1.5	2.7/27.6	26542	2002 GZ ₁₈	2007 10 25.8	01 59.26 +12 59.6 19.8	-0.99 - 4.4	0.3/26.1	26617
2002 OC ₈	2007 10 25.5	01 58.15 -06 25.7 18.6	-0.80 - 4.3	7.5/20.1	26626	2002 ET ₁₁₀	2007 10 25.8	01 59.26 +04 00.5 19.7	-1.00 - 3.9	3.0/23.8	26615
2004 XR ₂₅	2007 10 25.6	01 58.19 +24 02.6 19.4	-1.06 - 5.6	4.4/29.0	26009	2005 EN ₂₁₂	2007 10 25.9	01 59.24 -01 26.9 19.3	-0.99 + 0.1	4.4/22.8	26737
2004 EQ ₃₁	2007 10 25.6	01 58.23 +13 50.2 20.0	-0.73 - 5.9	0.4/26.2	26711	2002 YR ₁₈	2007 10 25.9	01 59.25 +01 49.9 18.0	-0.81 - 2.8	4.1/23.0	26655

2004 FR ₅₉	2007 10 25.9	01 59.27 +06 17.1 20.9	-0.74 - 5.3	1.7/24.1	65648
2003 SC ₁₉₈	2007 10 25.9	01 59.28 +01 37.2 20.1	-0.86 - 8.3	4.3/22.7	26671
2002 GZ ₁₅₀	2007 10 25.9	01 59.35 +12 28.0 19.5	-1.03 - 2.8	0.1/26.0	26620
2001 YR ₉₅	2007 10 25.9	01 59.40 +16 20.2 19.5	-1.13 - 3.8	1.8/27.0	26605
2002 JU ₁₀₄	2007 10 25.9	01 59.40 +19 03.6 18.8	-0.85 -10.4	2.8/28.3	25853
2002 RL ₂₀₇	2007 10 25.9	01 59.50 +14 48.2 19.7	-0.89 - 3.7	0.8/26.7	26638
2006 GQ ₃₀	2007 10 25.9	01 59.51 +10 00.3 20.8	-1.07 - 0.9	0.8/25.5	02316
2004 BB ₆₅	2007 10 25.9	01 59.55 +11 05.5 20.2	-0.84 - 3.6	0.3/25.7	26706
2003 UA ₂₀₁	2007 10 25.9	01 59.62 +08 20.8 19.0	-0.88 - 6.6	1.4/24.8	26684
2003 WJ ₂₅	2007 10 25.9	01 59.64 -16 43.0 19.7	-0.98 0.0	11.0/18.1	26690
2004 AR ₂	2007 10 25.9	01 59.65 +22 37.6 20.3	-0.86 - 4.6	3.1/29.0	26703
2006 HR ₇₃	2007 10 25.9	01 59.67 +10 40.1 20.2	-0.84 - 9.7	0.5/25.5	26161
1999 RC ₁₈₈	2007 10 25.9	01 59.67 +09 58.6 20.5	-0.94 - 5.7	0.8/25.4	87353
2004 DY ₂₉	2007 10 25.9	01 59.71 +32 35.3 19.0	-1.01 - 1.3	6.7/31.5	26710
2001 QH ₉₂	2007 10 26.0	01 59.66 -01 54.7 19.0	-0.79 - 2.2	5.3/22.2	25825
2005 CD ₉	2007 10 26.0	01 59.69 +19 48.6 21.3	-1.10 - 3.8	2.9/28.0	76640
2005 ET ₅₀	2007 10 26.0	01 59.71 +07 47.1 20.3	-0.89 - 6.6	1.5/24.7	26030
2003 BT ₄	2007 10 26.0	01 59.74 +34 42.7 19.9	-0.82 - 4.8	8.9/02.4	48316
2002 XV ₅₇	2007 10 26.0	01 59.75 +04 13.6 19.2	-0.81 - 3.3	2.6/23.8	26654
2001 DA ₂₀	2007 10 26.0	01 59.75 -10 03.7 20.4	-0.88 - 4.3	7.2/19.5	77510
2005 CB ₇₄	2007 10 26.0	01 59.75 +26 30.6 20.9	-1.05 - 3.2	4.9/29.9	00923
1993 TZ ₇	2007 10 26.0	01 59.77 +17 50.1 20.3	-0.91 - 4.0	1.8/27.6	26548
2002 ET ₉₇	2007 10 26.0	01 59.80 +02 53.5 20.9	-0.94 - 5.4	3.1/23.4	26615
2003 XU ₃	2007 10 26.0	01 59.80 +11 55.9 19.1	-0.84 - 7.4	0.1/26.0	26696
2003 UV ₁₂₂	2007 10 26.0	01 59.82 -21 03.1 18.4	-0.84 + 5.2	17.1/18.6	26681
1998 DG ₁₃	2007 10 26.0	01 59.82 -23 52.1 19.6	-0.91 - 9.5	13.0/11.6	26552
2005 EJ ₈₄	2007 10 26.0	01 59.84 +25 35.2 21.0	-1.08 - 2.7	4.4/29.5	76845
2006 HD ₁₀₁	2007 10 26.0	01 59.85 +06 26.2 19.5	-0.85 - 5.7	2.3/24.4	26763
2003 UJ ₁₉₈	2007 10 26.0	01 59.87 +07 25.1 19.1	-0.98 - 1.1	2.2/24.9	26684
2007 TG ₁₂	2007 10 26.0	01 59.88 +10 45.3 18.8	-0.84 - 5.5	0.7/25.6	26520
2002 GY ₄₈	2007 10 26.0	01 59.90 +11 48.6 19.8	-0.98 - 6.5	0.2/25.9	26617
2007 ST ₄	2007 10 26.0	01 59.94 +10 12.0 20.7	-0.97 - 6.3	0.7/25.5	26503
2001 HY ₅₇	2007 10 26.0	01 59.94 -03 32.8 20.3	-0.85 - 3.9	4.8/21.6	87426
2005 AZ ₂₂	2007 10 26.0	01 59.97 +11 27.1 20.1	-1.01 - 4.4	0.3/25.9	26721
2003 QH ₇₁	2007 10 26.0	01 59.97 -08 25.1 19.0	-0.97 - 1.8	8.4/20.9	02157
2006 GV ₅₂	2007 10 26.0	02 00.06 -29 20.2 20.1	-0.90 - 3.3	12.9/13.0	03893
2007 SN ₁₄	2007 10 26.1	02 00.01 +10 13.3 19.5	-0.81 - 6.5	0.8/25.5	26510
2003 WP ₆₃	2007 10 26.1	02 00.03 +07 05.4 18.3	-0.95 - 2.0	2.2/24.8	26691
2002 CQ ₁₁₄	2007 10 26.1	02 00.03 +08 04.4 19.5	-1.00 - 4.4	1.5/25.0	26610
2002 AL ₃₉	2007 10 26.1	02 00.04 +19 03.9 19.8	-1.05 - 7.0	2.8/28.1	26606
2007 SL ₂	2007 10 26.1	02 00.06 +11 24.2 19.7	-1.01 - 4.8	0.4/25.9	26500
2005 JZ ₁₄₉	2007 10 26.1	02 00.06 +08 10.8 20.6	-0.72 - 6.6	1.1/24.8	00956
2000 AD ₂₁₈	2007 10 26.1	02 00.08 +18 54.5 20.1	-0.94 - 5.1	2.5/28.0	26566
1999 CV ₂	2007 10 26.1	02 00.15 +28 15.3 20.4	-0.91 - 3.0	4.7/30.7	10699
2002 TK ₁₄₈	2007 10 26.1	02 00.16 +13 38.7 18.6	-0.78 - 9.7	0.5/26.6	26643
2007 TT ₆₇	2007 10 26.1	02 00.17 +03 46.4 19.4	-0.84 - 3.8	3.2/23.8	26535
2003 XM ₃₆	2007 10 26.1	02 00.17 +11 08.6 20.2	-1.03 - 0.6	0.4/25.9	86184
2004 BV ₁₂₅	2007 10 26.1	02 00.21 +13 08.5 20.1	-0.87 - 3.7	0.3/26.4	26707
2001 RA ₂₀	2007 10 26.1	02 00.22 +28 46.6 19.8	-0.91 - 3.0	4.7/30.9	10785
2004 YA ₄	2007 10 26.1	02 00.22 +14 28.9 20.2	-1.00 - 5.2	0.8/26.8	26720
2003 ST ₉₅	2007 10 26.1	02 00.23 +17 01.5 19.0	-0.95 - 6.9	1.9/27.6	26668

2007 RC ₃₇	2007 10 26.1	02 00.23 +16 55.2 19.2	-1.13 + 1.1	2.4/27.1	26788
2001 RK ₅₉	2007 10 26.1	02 00.26 +24 18.9 19.2	-1.01 + 0.1	3.8/29.1	26596
2005 EO ₂₃₅	2007 10 26.1	02 00.30 +07 42.7 20.3	-0.87 - 5.3	1.6/24.9	89643
2000 BF ₆	2007 10 26.1	02 00.30 -04 43.7 19.0	-1.06 + 1.1	6.6/22.4	26567
2002 CM ₂₃₀	2007 10 26.1	02 00.33 +04 07.3 20.1	-0.96 - 6.9	3.8/23.8	25845
2006 NA	2007 10 26.1	02 00.33 +04 41.1 20.2	-0.72 - 8.0	2.2/23.7	26770
1999 XS ₇₈	2007 10 26.1	02 00.34 +04 37.7 19.1	-0.95 - 2.1	3.4/24.2	26563
2002 XW ₅₉	2007 10 26.1	02 00.34 -13 19.9 19.1	-1.63 +10.6	13.5/23.7	25901
2002 OE ₂₉	2007 10 26.1	02 00.35 +02 07.6 20.0	-0.87 - 4.6	3.4/23.3	26627
2003 AF ₃₄	2007 10 26.1	02 00.35 -04 11.8 19.4	-0.82 - 3.3	5.3/21.4	26656
2002 LN ₂₀	2007 10 26.1	02 00.36 +28 00.8 18.3	-0.99 - 6.7	6.2/31.3	26624
2005 CM ₆₇	2007 10 26.1	02 00.49 +34 59.6 20.4	-1.11 - 2.9	7.4/01.7	02244
1999 VQ ₄₆	2007 10 26.1	02 00.49 +28 27.0 19.2	-1.06 -19.2	7.1/01.3	26560
2004 ED ₈₁	2007 10 26.2	02 00.39 +00 04.7 20.2	-0.80 - 2.7	3.3/22.8	66345
2002 CC ₂₂₁	2007 10 26.2	02 00.39 +16 53.9 19.8	-1.11 - 3.1	1.8/27.3	25845
2004 CF ₈	2007 10 26.2	02 00.39 -00 29.8 19.7	-0.80 - 2.2	3.7/22.8	26707
2004 EY ₉₄	2007 10 26.2	02 00.39 -01 55.2 19.7	-0.77 - 3.3	3.9/22.1	26712
2002 GK ₁₁₅	2007 10 26.2	02 00.46 +03 23.1 19.2	-1.04 - 2.9	3.6/24.0	26619
2002 EA ₁₂₈	2007 10 26.2	02 00.48 +16 47.1 21.5	-1.05 - 4.6	1.6/27.4	52930
2000 WC ₁₄	2007 10 26.2	02 00.53 +19 04.6 19.3	-0.99 - 7.4	2.8/28.2	26582
2004 DW ₃₅	2007 10 26.2	02 00.58 +26 54.7 19.2	-0.87 - 4.1	4.6/30.5	26710
2006 OF ₁₁	2007 10 26.2	02 00.59 +32 07.5 21.1	-0.89 - 3.6	5.2/01.3	11175
2003 QO ₈₅	2007 10 26.2	02 00.60 +11 10.0 19.3	-0.89 - 8.4	0.5/25.9	26664
2001 RC ₁₀₃	2007 10 26.2	02 00.61 +16 53.9 19.6	-0.83 - 3.8	1.5/27.5	26596
2004 CK ₉₆	2007 10 26.2	02 00.61 +33 49.4 19.6	-0.95 - 2.1	6.2/01.4	11029
2002 LW ₄₂	2007 10 26.2	02 00.62 -05 55.8 19.4	-0.86 - 5.2	5.6/20.9	26624
2005 AE ₁₈	2007 10 26.2	02 00.62 -30 59.7 21.9	-0.91 - 3.3	10.9/11.1	77800
2002 PK ₁₁	2007 10 26.2	02 00.63 +11 33.8 19.8	-0.85 - 5.9	0.3/26.0	26627
2002 WT ₁₆	2007 10 26.2	02 00.68 +16 25.2 18.8	-0.74 - 7.8	1.2/27.6	25898
2005 JX ₁₈₀	2007 10 26.2	02 00.68 +08 56.4 19.4	-0.87 - 1.8	1.1/25.4	26748
2005 BE ₂₅	2007 10 26.2	02 00.69 -00 15.9 20.7	-0.96 - 5.1	4.5/22.7	86625
2005 GY ₂₀₂	2007 10 26.2	02 00.72 +04 31.9 20.1	-0.81 - 8.6	2.9/23.8	26745
2001 SL ₃₄₁	2007 10 26.2	02 00.77 +03 22.7 21.5	-0.72 - 5.9	2.6/23.5	08023
2001 SU ₇₆	2007 10 26.2	02 00.80 +14 00.9 19.8	-0.78 - 4.3	0.5/26.8	26598
2005 GC ₂₀₅	2007 10 26.2	02 00.82 +10 54.9 19.7	-0.83 - 5.0	0.5/25.9	26745
2002 WK ₁₂	2007 10 26.2	02 00.84 -13 52.7 19.2	-0.77 - 4.1	8.0/17.9	26652
2003 SY ₅₃	2007 10 26.2	02 00.87 +07 33.2 19.8	-0.97 - 5.5	2.0/25.0	02163
2004 DR ₁₉	2007 10 26.3	02 00.77 +14 03.2 21.3	-0.77 - 3.7	0.5/26.8	26710
2002 RO ₃₃	2007 10 26.3	02 00.79 +13 59.3 18.8	-0.84 - 6.0	0.6/26.8	26634
2005 CV ₃₅	2007 10 26.3	02 00.80 +11 15.3 18.2	-1.04 - 2.5	0.5/26.0	26727
2004 XA ₅₀	2007 10 26.3	02 00.82 +17 04.5 18.5	-1.02 - 9.0	2.1/27.8	26718
2002 PH ₁₃₇	2007 10 26.3	02 00.82 +17 45.2 18.7	-0.93 - 3.2	2.1/27.8	26629
2004 SX ₆₀	2007 10 26.3	02 00.83 +08 06.7 19.3	-1.05 - 3.7	2.0/25.2	26714
2005 GC ₇₀	2007 10 26.3	02 00.84 +12 57.0 20.8	-0.83 - 4.8	0.2/26.5	04327
2002 XN ₁₀₄	2007 10 26.3	02 00.85 -02 09.7 19.0	-0.85 - 1.2	5.1/22.6	26655
2004 BF ₁₅₀	2007 10 26.3	02 00.86 +10 56.2 21.2	-0.76 - 3.9	0.3/25.9	04292
2000 HR ₆	2007 10 26.3	02 00.89 +09 14.0 20.4	-0.83 - 2.1	0.8/25.5	26571
2003 US ₂₂₉	2007 10 26.3	02 00.89 +16 08.8 19.1	-0.95 - 1.9	1.8/27.3	26685
2001 KN ₃₂	2007 10 26.3	02 00.91 +06 42.0 20.7	-0.86 - 4.8	1.9/24.7	26591
2003 AG ₃₃	2007 10 26.3	02 00.92 +49 21.4 19.5	-1.09 - 2.6	11.0/07.4	43486
2002 OQ ₁₉	2007 10 26.3	02 01.02 +12 34.5 19.4	-0.85 - 6.5	0.1/26.4	26626

2007 OCT. 26

M.P.C. 61053

2004 AK ₂₄	2007 10 26.3	02 01.02 -05 56.5 19.1	-0.83 - 4.8	6.8/20.8	26703
2005 CL ₁₁	2007 10 26.3	02 01.08 +06 14.4 19.0	-0.98 - 4.9	2.7/24.7	26023
2002 VD ₈₃	2007 10 26.3	02 01.08 +06 05.0 19.3	-0.78 - 4.9	1.9/24.5	26650
2007 PO ₄₂	2007 10 26.3	02 01.10 +12 46.9 17.0	-0.70 - 7.6	0.2/26.5	26781
2005 JF ₃₀	2007 10 26.3	02 01.14 +26 34.6 19.8	-0.92 - 6.9	4.5/30.8	77204
2007 TD ₂₈	2007 10 26.3	02 01.15 +10 45.7 19.5	-0.75 - 7.7	0.6/25.9	26529
2004 GF ₄₇	2007 10 26.3	02 01.18 +11 52.6 20.5	-0.78 - 4.3	0.1/26.3	26713
2004 YT ₇	2007 10 26.3	02 01.19 -01 17.4 20.1	-1.09 - 2.6	5.3/23.0	26720
2002 PX ₈₁	2007 10 26.3	02 01.19 -04 21.0 18.9	-0.75 - 6.3	6.8/21.2	26628
2007 RL ₁₁	2007 10 26.3	02 01.21 +14 53.4 18.2	-0.88 - 2.1	1.3/27.1	26785
2000 YW ₃₇	2007 10 26.3	02 01.23 +07 32.2 18.5	-0.92 - 6.3	2.2/25.0	26584
2002 RA ₁₅₁	2007 10 26.3	02 01.23 +30 41.0 19.5	-0.97 - 4.1	6.5/31.8	56575
2000 AQ ₁₁₃	2007 10 26.4	02 01.22 +00 50.5 18.0	-0.76 - 6.7	5.4/22.7	26566
1999 KK ₉	2007 10 26.4	02 01.22 +10 48.5 18.7	-1.15 - 1.5	0.6/26.1	26556
2000 WQ ₁₃₇	2007 10 26.4	02 01.24 +09 18.8 18.4	-1.03 - 3.4	1.2/25.6	26583
2006 KG ₄	2007 10 26.4	02 01.25 +16 28.7 20.2	-0.91 - 7.0	1.4/27.7	26767
1998 SD ₇₈	2007 10 26.4	02 01.29 +04 17.4 19.1	-0.82 - 8.9	2.8/23.9	26554
2004 RL ₂₄	2007 10 26.4	02 01.31 +39 39.0 20.0	-1.74 + 3.0	12.6/01.0	02207
2003 QF ₁₆	2007 10 26.4	02 01.32 +29 35.7 19.1	-1.13 - 5.6	6.7/31.6	25911
2003 SA ₇₈	2007 10 26.4	02 01.37 +15 49.6 19.6	-0.94 - 7.6	1.3/27.5	26668
2002 PW ₁₄₄	2007 10 26.4	02 01.41 +26 27.3 20.0	-0.99 - 4.1	4.6/30.4	12250
1999 FV ₂	2007 10 26.4	02 01.44 +19 01.2 19.6	-1.14 - 3.1	2.6/28.1	26555
2005 GT ₂₆	2007 10 26.4	02 01.50 +06 32.2 19.8	-0.70 - 7.1	1.5/24.6	26741
2005 GM ₁₅₇	2007 10 26.4	02 01.51 +15 58.2 20.6	-1.01 - 3.2	1.3/27.4	26051
2007 TC ₂₈	2007 10 26.4	02 01.54 +13 16.6 19.1	-0.79 - 6.6	0.4/26.8	26529
2001 OR ₆₁	2007 10 26.4	02 01.55 -07 07.7 19.3	-0.80 - 3.1	6.0/21.2	26592
2001 CX ₁₉	2007 10 26.4	02 01.56 +50 06.9 21.7	-1.29 - 2.2	9.2/07.8	10760
2005 JX ₁₀₅	2007 10 26.4	02 01.57 +10 46.0 20.6	-0.91 - 6.5	0.5/26.0	26057
2003 JK ₆	2007 10 26.4	02 01.58 +04 58.5 19.6	-1.09 - 3.6	3.0/24.7	26658
2005 GO ₈	2007 10 26.4	02 01.59 +13 29.2 19.9	-1.01 - 4.9	0.4/26.8	26741
2000 JR ₇	2007 10 26.5	02 01.54 +11 22.4 20.4	-0.77 - 5.3	0.3/26.2	26571
2006 GS ₁	2007 10 26.5	02 01.58 +08 45.5 18.7	-1.12 - 1.5	1.7/25.7	26147
2003 WA ₇₇	2007 10 26.5	02 01.59 -00 00.3 19.2	-0.99 - 1.5	4.5/23.4	25963
2002 GZ ₁₆₁	2007 10 26.5	02 01.60 +10 41.9 19.1	-1.06 - 2.4	0.6/26.1	26620
2004 EW ₁₄	2007 10 26.5	02 01.64 +04 23.8 19.4	-0.79 - 2.4	2.2/24.4	62011
2002 RE ₁₁₂	2007 10 26.5	02 01.66 +19 04.6 19.6	-0.86 - 5.9	2.4/28.5	25873
2007 TO ₆₇	2007 10 26.5	02 01.70 +09 06.2 17.8	-1.13 + 2.9	1.7/25.9	26535
2006 QF ₄₆	2007 10 26.5	02 01.73 +29 31.8 19.4	-0.88 - 2.9	5.0/31.5	09668
2001 RQ ₁₃₂	2007 10 26.5	02 01.74 +05 51.8 19.1	-0.80 - 3.0	2.2/24.8	26597
2003 PU ₅	2007 10 26.5	02 01.77 -00 35.6 18.8	-0.81 - 8.0	5.9/22.5	26660
2007 TE ₁₄	2007 10 26.5	02 01.79 -13 16.2 19.6	-0.79 - 2.4	8.5/19.0	26523
2003 HM ₃₁	2007 10 26.5	02 01.83 +14 17.5 20.3	-1.05 - 7.3	0.8/27.1	00438
2006 JC ₅₄	2007 10 26.5	02 01.84 +14 23.8 20.0	-0.93 - 6.1	0.7/27.1	26766
2002 QJ ₃₀	2007 10 26.5	02 01.84 +01 35.7 18.8	-0.86 - 4.6	4.1/23.5	26631
2000 YA ₅₉	2007 10 26.5	02 01.89 +24 30.5 19.9	-1.01 - 5.3	4.1/30.0	24321
2002 EE ₇₀	2007 10 26.5	02 01.89 +11 05.8 20.3	-0.96 - 5.6	0.5/26.2	26614
1999 XJ ₂₅₁	2007 10 26.5	02 01.90 -04 30.6 20.4	-1.00 + 0.8	7.3/22.8	26565
2001 QV ₁₇₃	2007 10 26.5	02 01.92 +01 46.8 19.9	-0.72 - 7.0	2.8/23.2	26594
2006 HY ₆	2007 10 26.5	02 01.93 +01 38.3 20.4	-0.98 - 7.2	4.0/23.5	02319
2003 VQ ₇	2007 10 26.5	02 01.94 +09 47.4 18.7	-0.96 - 2.8	1.1/25.9	26689
2007 TW ₄₉	2007 10 26.5	02 01.94 +13 10.2 19.4	-0.75 - 8.0	8.1/16.0	26533

2003 YF ₅₆	2007 10 26.5	02 02.00 +28 41.1 19.6	-0.88 - 8.8	6.0/01.1	86197
2003 AZ ₁₀	2007 10 26.6	02 01.96 +22 34.6 18.7	-0.75 -10.3	3.5/30.1	25903
2006 HU ₂₅	2007 10 26.6	02 01.98 +03 27.4 20.0	-1.07 - 1.2	3.1/24.6	26761
2003 UT ₁₀	2007 10 26.6	02 02.00 -00 35.1 19.1	-1.01 + 3.9	6.6/24.2	26678
2005 GT ₉₈	2007 10 26.6	02 02.00 +11 36.8 19.2	-0.87 - 1.1	0.2/26.4	26743
2002 RK ₂₆₀	2007 10 26.6	02 02.02 +16 20.2 20.2	-0.91 - 3.8	1.3/27.7	25877
2006 FP ₁₄	2007 10 26.6	02 02.05 +09 02.7 20.9	-1.04 - 5.9	1.3/25.7	26757
2007 SP ₁₄	2007 10 26.6	02 02.07 +09 20.1 18.9	-0.79 - 7.3	1.1/25.7	26511
1999 JR ₈₉	2007 10 26.6	02 02.08 -11 11.4 19.7	-0.88 - 0.5	6.3/20.5	26556
2002 VM ₂₀	2007 10 26.6	02 02.08 +17 42.5 18.9	-0.79 - 6.1	1.9/28.3	25892
2004 EX ₇	2007 10 26.6	02 02.09 +24 03.6 19.8	-0.87 - 2.3	3.6/29.8	26711
2004 EU ₆₁	2007 10 26.6	02 02.09 +36 33.2 21.1	-1.05 - 0.1	6.4/01.9	08959
2005 EJ ₂₇₆	2007 10 26.6	02 02.12 +10 32.5 21.4	-0.91 - 4.9	0.6/26.1	86668
2003 SR ₂₉₄	2007 10 26.6	02 02.14 +01 01.0 18.4	-0.60 -15.0	5.2/22.1	26675
2002 LO ₁₅	2007 10 26.6	02 02.15 +17 24.2 20.7	-0.95 - 5.4	1.5/28.1	26624
2001 FQ ₆₆	2007 10 26.6	02 02.16 -10 47.7 19.7	-0.81 -10.0	7.2/18.5	26589
2005 CD ₁₉	2007 10 26.6	02 02.19 +13 06.0 19.3	-0.95 - 4.3	0.2/26.8	26726
2005 ES ₁₅₂	2007 10 26.6	02 02.24 +07 29.6 19.2	-0.84 - 3.9	1.7/25.3	26735
2005 EQ ₂₀	2007 10 26.6	02 02.25 +25 53.1 19.5	-0.98 - 2.6	4.0/30.3	26730
2005 JV ₈₅	2007 10 26.6	02 02.26 +13 57.5 20.6	-0.76 - 6.6	0.4/27.1	26747
2005 EE ₁₆₆	2007 10 26.6	02 02.27 +18 17.2 19.7	-0.92 - 3.7	2.0/28.3	26736
2005 LR ₁₈	2007 10 26.6	02 02.28 +00 19.7 20.1	-0.82 - 1.9	3.8/23.5	86778
2005 JG ₁₃₇	2007 10 26.6	02 02.32 -00 39.8 20.9	-0.84 - 0.9	3.9/23.4	00955
2003 RC ₂₃	2007 10 26.6	02 02.33 +05 31.1 18.0	-0.91 - 0.4	3.6/25.0	25919
2001 RZ ₁₂₈	2007 10 26.6	02 02.36 +17 42.7 18.8	-0.89 - 1.4	1.8/28.0	25832
2000 SO ₃₆₀	2007 10 26.6	02 02.36 -07 01.6 17.9	-0.90 - 1.2	9.8/21.7	26579
2003 YH ₂₉	2007 10 26.7	02 02.31 +32 27.9 19.3	-0.92 - 5.4	6.2/02.0	26699
2006 JR ₄₇	2007 10 26.7	02 02.32 -10 57.8 20.6	-0.91 - 2.8	7.6/20.5	21857
2004 FU ₅₁	2007 10 26.7	02 02.32 -03 29.8 19.3	-0.75 - 6.3	5.4/21.6	26712
2003 QX ₅₇	2007 10 26.7	02 02.34 +23 01.3 18.6	-0.95 - 7.3	4.6/30.0	26663
1999 VF ₆₅	2007 10 26.7	02 02.39 +11 30.1 18.0	-0.89 - 4.1	0.4/26.5	26560
2005 ES ₇₈	2007 10 26.7	02 02.41 +04 47.9 18.9	-0.86 - 4.5	2.8/24.6	26732
2000 AV ₂₄	2007 10 26.7	02 02.41 +33 44.6 19.1	-0.99 - 5.4	8.2/02.3	26565
2005 AR ₂₁	2007 10 26.7	02 02.41 +07 58.6 20.6	-0.98 - 4.6	1.5/25.5	77800
2002 EP ₄₆	2007 10 26.7	02 02.44 +15 54.8 19.7	-1.04 - 5.5	1.4/27.7	26614
2007 TM ₅₁	2007 10 26.7	02 02.46 +11 59.9 17.8	-0.81 - 6.0	0.2/26.6	26533
1999 TF ₁₇₅	2007 10 26.7	02 02.48 +15 38.9 18.5	-0.92 - 5.7	1.3/27.6	26558
2003 WJ ₁₆₁	2007 10 26.7	02 02.48 +02 35.1 21.0	-0.86 - 3.0	2.8/24.1	26696
2007 TM ₂₉	2007 10 26.7	02 02.49 +12 49.3 19.5	-0.94 - 3.6	10.2/07.0	26529
2005 BV ₂₂	2007 10 26.7	02 02.53 -10 08.8 20.3	-0.85 - 3.6	7.2/20.4	26724
2001 DP ₁₉	2007 10 26.7	02 02.55 +18 39.8 19.5	-1.01 - 2.0	1.9/28.3	26587
2002 VH ₆₂	2007 10 26.7	02 02.55 +15 08.1 18.3	-0.85 - 3.7	1.1/27.5	26650
2003 QY ₉₃	2007 10 26.7	02 02.64 +15 08.7 18.5	-1.02 - 1.6	1.3/27.4	26664
2007 TN ₆₇	2007 10 26.7	02 02.68 +04 29.8 19.4	-0.89 - 6.1	3.0/24.5	26534
2003 WB ₁₃₄	2007 10 26.7	02 02.68 -04 16.2 18.9	-1.10 + 2.9	7.3/23.4	25969
2005 DD ₁	2007 10 26.7	02 02.72 -27 16.7 21.6	-0.98 - 1.2	10.1/14.6	77816
2002 SA ₆₃	2007 10 26.7	02 02.73 +04 21.2 19.8	-0.86 - 3.9	2.9/24.6	26640
2001 OU ₂₈	2007 10 26.7	02 02.75 +15 22.3 19.6	-0.94 - 1.1	1.0/27.5	26592
2002 LC ₁₈	2007 10 26.8	02 02.71 +06 10.1 20.0	-0.93 - 4.2	2.2/25.1	26624
2001 RW ₄₀	2007 10 26.8	02 02.73 +10 13.3 18.9	-0.70 -11.2	0.7/26.0	26596
2006 HK ₆₃	2007 10 26.8	02 02.74 +05 44.6 18.4	-1.01 - 1.2	3.2/25.2	26762

2002 NJ ₅₇	2007 10 26.8	02 02.75 -10 20.0 20.6	-0.89 - 2.9	7.4/20.7	26625
2005 EN ₄₅	2007 10 26.8	02 02.75 +18 06.3 20.6	-0.96 - 4.4	2.0/28.3	26731
2001 VP ₁₀₈	2007 10 26.8	02 02.81 +18 16.9 19.0	-1.09 - 5.9	2.7/28.4	25841
2006 JB ₅₄	2007 10 26.8	02 02.83 +11 14.2 20.7	-0.98 - 4.5	0.4/26.5	26766
2001 OX ₈₇	2007 10 26.8	02 02.86 -03 32.3 18.8	-0.90 + 0.8	5.5/23.2	20859
2002 VL ₃₂	2007 10 26.8	02 02.94 -09 12.8 19.2	-0.98 + 2.3	7.1/22.3	26649
2005 LK ₄	2007 10 26.8	02 03.05 +07 22.5 19.6	-0.73 - 6.2	1.5/25.3	26748
2001 NF ₂₁	2007 10 26.8	02 03.06 +46 59.4 19.8	-1.16 - 1.4	10.2/07.0	04151
2005 BK ₁	2007 10 26.8	02 03.07 -26 09.6 21.2	-0.96 - 0.8	10.2/15.3	87647
2006 JB ₄₆	2007 10 26.8	02 03.10 +18 14.7 19.6	-0.76 - 6.3	1.7/28.7	26766
2004 YK	2007 10 26.8	02 03.11 +34 52.4 19.9	-1.08 - 8.7	6.8/03.2	03651
2003 WW ₉₆	2007 10 26.8	02 03.11 +15 20.6 19.9	-0.84 - 9.0	0.9/27.8	26693
2005 EQ ₂₈₁	2007 10 26.8	02 03.12 -06 03.0 19.5	-0.81 - 3.2	5.9/21.7	77011
2003 SB ₁₅₂	2007 10 26.8	02 03.13 +06 14.0 18.3	-0.98 - 0.6	3.0/25.4	26670
2006 FN ₂₇	2007 10 26.8	02 03.14 +13 42.9 20.6	-1.13 - 1.8	0.5/27.2	02311
2002 CA ₁₃₇	2007 10 26.8	02 03.15 +04 17.5 20.3	-1.06 - 3.8	3.0/24.8	26610
2000 SD ₂₅₅	2007 10 26.8	02 03.15 +08 30.8 19.3	-1.06 - 3.6	1.6/25.9	26578
2005 CZ ₁₈	2007 10 26.8	02 03.16 +16 35.3 20.1	-0.99 - 5.1	1.4/28.0	26726
2003 WG ₉₇	2007 10 26.9	02 03.12 +09 20.3 18.3	-0.83 - 7.2	1.4/25.9	26693
2003 WF ₁₉	2007 10 26.9	02 03.14 +08 03.9 20.0	-1.16 + 3.2	1.9/26.1	25957
2005 EK ₆₀	2007 10 26.9	02 03.14 +09 06.3 21.0	-0.84 - 6.1	1.0/25.9	77825
2002 RJ ₇₅	2007 10 26.9	02 03.15 +19 33.7 19.3	-0.91 - 4.1	2.5/28.9	26635
2002 RK ₁₈₄	2007 10 26.9	02 03.17 +33 45.6 19.3	-1.01 - 2.9	7.8/01.9	26637
2006 HF ₁₉	2007 10 26.9	02 03.20 +04 41.7 19.2	-0.98 - 3.2	3.3/25.0	26760
2002 LR ₁	2007 10 26.9	02 03.21 -01 09.0 20.3	-1.00 - 4.0	4.9/23.3	72661
2003 QV ₅	2007 10 26.9	02 03.22 +13 31.9 19.7	-1.10 - 3.4	0.4/27.2	26661
2001 KF ₄₁	2007 10 26.9	02 03.28 -29 45.5 19.6	-1.49 + 8.4	20.1/20.4	93950
1998 SR ₉₆	2007 10 26.9	02 03.34 +20 58.5 19.8	-1.11 + 0.1	3.1/28.9	26554
1999 VW ₃₇	2007 10 26.9	02 03.35 +19 47.4 18.2	-0.88 - 7.7	3.0/29.2	26560
2001 SX ₈₉	2007 10 26.9	02 03.38 +32 10.1 20.8	-0.98 - 1.8	5.4/01.4	10794
2005 CE ₂₆	2007 10 26.9	02 03.39 +14 21.1 20.4	-0.92 - 4.8	0.6/27.5	26726
2003 WJ ₃₄	2007 10 26.9	02 03.40 +08 24.2 19.1	-1.02 - 0.7	1.6/26.0	58052
1998 SN ₁₄₀	2007 10 26.9	02 03.44 +11 00.7 18.5	-0.74 -12.0	0.6/26.4	25790
2006 KD ₅₆	2007 10 26.9	02 03.47 +21 03.0 19.7	-0.97 - 8.4	3.0/29.6	26176
2005 EX ₅	2007 10 26.9	02 03.52 -03 47.7 19.8	-0.79 - 6.5	4.9/21.9	04315
2006 HM ₄₅	2007 10 26.9	02 03.54 +09 48.9 20.4	-0.96 - 7.0	1.0/26.2	26761
2005 CO ₅₆	2007 10 27.0	02 03.46 -01 33.9 19.6	-0.91 - 3.8	6.0/23.2	26728
2002 FP ₃₁	2007 10 27.0	02 03.50 +12 39.9 19.7	-1.09 - 3.1	0.0/27.0	25849
2002 AO ₃₁	2007 10 27.0	02 03.54 +19 50.0 18.2	-0.91 - 0.5	4.3/28.8	26606
2002 OX ₆	2007 10 27.0	02 03.57 +07 27.5 19.5	-0.75 - 8.9	2.1/25.4	26626
2001 SE ₂₅	2007 10 27.0	02 03.60 +11 31.2 19.5	-0.78 - 4.2	0.3/26.7	26597
2003 US ₁₀₉	2007 10 27.0	02 03.61 +27 38.6 19.0	-0.88 -11.1	6.0/01.4	26681
2006 MD ₁₃	2007 10 27.0	02 03.61 +16 22.9 20.1	-0.89 - 4.6	1.2/28.1	03942
2004 CZ ₉₃	2007 10 27.0	02 03.61 +27 53.6 20.3	-0.91 - 3.3	4.8/31.3	04295
2003 YG ₁₃₄	2007 10 27.0	02 03.62 +33 08.3 18.5	-1.10 + 0.6	9.1/01.1	26702
2005 EB ₆₅	2007 10 27.0	02 03.69 +20 02.6 19.6	-1.01 - 1.3	2.4/28.9	77826
2003 UX ₂₂₃	2007 10 27.0	02 03.69 +16 53.3 17.5	-0.86 + 0.8	2.4/28.1	26685
2003 UR ₁₂₉	2007 10 27.0	02 03.69 +22 27.0 19.3	-1.01 - 4.1	3.7/29.7	26682
2003 WG ₂	2007 10 27.0	02 03.73 +12 05.8 19.9	-0.95 - 3.3	0.2/26.9	26689
2006 KE ₄₇	2007 10 27.0	02 03.75 +05 57.5 18.9	-0.88 - 4.3	2.7/25.3	26768
2006 HP ₁₁₁	2007 10 27.0	02 03.79 +30 05.3 19.7	-1.01 - 7.2	5.8/01.7	26764

2005 AD ₃₉	2007 10 27.0	02 03.80 +12 34.2 20.5	-1.03 - 4.3	0.0/27.1	77802
2006 MP ₂	2007 10 27.0	02 03.81 -12 36.0 19.6	-0.87 - 3.4	9.0/19.9	01852
2002 EO ₆₅	2007 10 27.0	02 03.82 +05 33.2 20.9	-0.91 - 7.4	2.4/25.0	00205
2003 UR ₉₈	2007 10 27.0	02 03.82 +01 10.4 18.9	-0.86 - 4.8	5.2/23.9	26681
2004 CH ₅	2007 10 27.0	02 03.84 -03 53.6 20.0	-0.75 - 4.2	4.8/22.2	26707
2002 JN ₁₂₈	2007 10 27.0	02 03.84 +05 23.5 21.0	-0.91 - 5.5	2.4/25.1	00268
2002 TW ₃₁₇	2007 10 27.0	02 03.86 +29 56.8 20.8	-1.02 - 2.9	5.1/31.8	26647
2003 TZ ₄₉	2007 10 27.0	02 03.88 -01 33.6 18.1	-1.12 + 2.8	6.4/24.3	26677
2002 GT ₁₂₆	2007 10 27.0	02 03.89 +08 11.5 20.1	-1.01 - 4.9	1.6/25.9	26619
2002 UH ₅₁	2007 10 27.0	02 03.89 +29 25.9 20.6	-0.95 - 5.8	5.2/01.3	26648
2000 YH ₉	2007 10 27.0	02 03.90 +24 01.8 21.1	-1.00 - 5.1	3.8/30.3	77491
2001 JC ₃	2007 10 27.1	02 03.86 +01 59.8 20.3	-0.84 - 5.3	3.1/24.0	26591
2002 RK ₁₂₇	2007 10 27.1	02 03.89 +13 12.4 19.1	-0.78 -10.6	0.2/27.3	26636
2006 HO ₇₈	2007 10 27.1	02 03.89 +11 56.5 20.0	-0.98 - 6.6	0.2/26.9	26762
2003 UU ₁₀₆	2007 10 27.1	02 03.89 +23 57.6 18.8	-0.91 - 7.5	4.5/30.7	26681
2005 BO ₁₇	2007 10 27.1	02 03.91 +07 11.9 20.8	-0.93 - 5.2	1.8/25.6	22499
2004 BC ₂	2007 10 27.1	02 03.98 -07 54.8 19.6	-0.86 - 3.0	7.1/21.4	26703
2005 GQ ₇₃	2007 10 27.1	02 04.03 +12 47.1 20.7	-0.92 - 2.5	0.1/27.2	26047
2005 GC ₄₀	2007 10 27.1	02 04.03 +11 23.9 21.3	-0.79 - 3.6	0.3/26.8	77861
2003 XO ₂₀	2007 10 27.1	02 04.03 +16 52.0 19.4	-0.93 - 4.2	1.7/28.3	26697
2001 OK ₁₁₃	2007 10 27.1	02 04.07 +03 48.9 18.8	-0.82 - 2.0	3.3/24.9	25822
2003 UY ₁₉₆	2007 10 27.1	02 04.10 +10 42.9 18.9	-0.76 -11.6	0.8/26.5	25945
2002 TC ₉₈	2007 10 27.1	02 04.10 +13 03.5 19.6	-0.80 - 3.3	0.2/27.3	25884
2003 XU ₃₈	2007 10 27.1	02 04.12 -07 18.5 17.9	-1.07 + 6.1	9.6/24.0	03581
2002 ES ₃	2007 10 27.1	02 04.15 +05 46.1 20.2	-0.94 - 6.9	2.6/25.2	02082
2002 TK ₉₈	2007 10 27.1	02 04.16 +07 33.2 19.8	-0.80 - 6.1	1.7/25.7	26642
2004 BP ₉₁	2007 10 27.1	02 04.18 -15 30.8 19.6	-0.71 - 5.5	7.8/17.8	26706
2005 EV ₁₂₇	2007 10 27.1	02 04.20 +03 01.9 19.0	-0.89 - 7.5	4.1/24.3	26734
2002 NY ₅₈	2007 10 27.1	02 04.21 +16 11.3 19.3	-0.89 - 5.4	1.4/28.2	26626
2001 QA ₂₃₂	2007 10 27.1	02 04.21 +28 48.5 18.3	-0.83 - 5.4	6.0/01.2	26595
2006 FJ ₁₁	2007 10 27.1	02 04.22 +08 14.1 20.2	-1.05 - 4.2	1.8/26.1	26144
1999 TR ₃₉	2007 10 27.1	02 04.28 -02 13.0 18.6	-0.97 + 0.4	7.0/23.7	26557
2002 RJ ₃₈	2007 10 27.1	02 04.28 +01 24.2 19.6	-0.80 - 7.6	3.6/23.7	26634
2005 ER ₁₆₆	2007 10 27.1	02 04.29 +07 15.2 22.4	-0.84 - 6.0	1.5/25.6	77840
2002 RT ₃₉	2007 10 27.2	02 04.27 +28 40.3 20.2	-0.98 - 3.4	6.6/01.0	56528
2003 OE ₂₁	2007 10 27.2	02 04.29 +10 47.8 19.6	-0.97 - 6.2	0.8/26.7	26660
2003 FY ₁₃₀	2007 10 27.2	02 04.29 +18 04.4 19.2	-1.15 - 5.1	2.3/28.7	26657
2000 YV ₅₉	2007 10 27.2	02 04.33 -00 55.1 19.2	-0.94 - 4.5	5.5/23.5	26584
2003 UB ₂₁₁	2007 10 27.2	02 04.33 +16 24.0 18.8	-0.96 - 7.8	1.6/28.4	26685
2007 TO ₁₂	2007 10 27.2	02 04.34 +11 46.2 17.9	-1.13 + 0.1	0.4/27.0	26520
2006 JM ₃₅	2007 10 27.2	02 04.34 +10 12.1 21.1	-0.98 - 7.1	0.8/26.5	26765
1999 VP ₁₆₀	2007 10 27.2	02 04.34 +15 47.7 19.2	-0.94 - 4.4	1.3/28.1	26562
2004 EZ ₃₅	2007 10 27.2	02 04.39 +15 09.0 20.4	-0.74 - 5.1	0.6/28.0	25995
2004 CU ₁₃	2007 10 27.2	02 04.42 +24 43.8 19.9	-0.86 - 3.2	3.6/30.6	24439
2000 YC ₄₃	2007 10 27.2	02 04.45 +03 28.7 19.5	-0.93 - 5.9	3.6/24.6	26584
2001 SR ₂₇₃	2007 10 27.2	02 04.47 +18 12.1 20.3	-0.85 - 1.8	1.6/28.7	26600
2006 KY ₉	2007 10 27.2	02 04.49 +09 39.5 19.1	-0.87 - 6.0	1.1/26.4	26767
2004 XU ₂	2007 10 27.2	02 04.53 +06 42.2 19.6	-1.08 - 3.4	2.3/25.8	26717
2000 SN ₁₂₆	2007 10 27.2	02 04.54 -01 18.9 18.4	-0.63 - 7.5	7.5/22.5	26577
2001 PD ₂₅	2007 10 27.2	02 04.56 +11 52.0 18.2	-0.74 - 6.2	0.3/27.0	26592
2000 VS ₂₂	2007 10 27.2	02 04.59 +14 41.9 18.1	-0.95 - 6.3	1.0/27.9	26582

2007 OCT. 26

M.P.C. 61055

2002 QU ₆₁	2007 10 27.2	02 04.62 +11 58.8 18.8	-0.84 - 5.7	0.3/27.1	26631
2005 EH ₁₂	2007 10 27.2	02 04.66 +18 42.2 19.7	-1.15 - 2.7	2.5/28.7	77818
2003 WK ₁₄₀	2007 10 27.2	02 04.67 +18 25.2 18.5	-0.85 - 8.3	2.3/29.1	26695
2006 GL ₄₂	2007 10 27.3	02 04.63 -08 43.1 21.0	-0.88 - 3.6	6.6/21.5	01597
2003 QK ₈	2007 10 27.3	02 04.64 +20 43.1 19.6	-1.02 - 6.4	3.2/29.6	25911
2005 GP ₁₇₁	2007 10 27.3	02 04.66 +13 44.2 21.1	-0.76 - 6.3	0.3/27.6	77164
2002 UV ₂₃	2007 10 27.3	02 04.66 +18 55.4 18.5	-0.83 - 5.6	2.2/29.2	26648
2002 NU ₅₇	2007 10 27.3	02 04.69 +21 03.3 20.6	-0.89 - 7.1	3.0/29.9	25856
2003 SM ₁₁	2007 10 27.3	02 04.69 +16 04.8 18.6	-0.95 - 5.3	1.5/28.3	26666
2004 DS ₂₂	2007 10 27.3	02 04.70 +07 12.9 19.7	-0.77 - 4.2	1.5/25.8	26710
2003 WJ ₄₂	2007 10 27.3	02 04.70 -00 06.3 19.0	-1.04 + 0.6	5.1/24.6	26690
2001 QN ₄₇	2007 10 27.3	02 04.73 -06 50.1 19.2	-0.73 - 5.1	6.6/21.3	26593
2003 SC ₄₀₇	2007 10 27.3	02 04.73 -05 11.2 20.7	-1.01 - 1.3	6.4/22.9	26676
2005 EK ₆₈	2007 10 27.3	02 04.74 +24 13.3 20.2	-0.99 - 4.0	3.8/30.5	76825
2002 EZ ₁₀₆	2007 10 27.3	02 04.76 +03 01.6 20.8	-1.01 - 4.0	3.4/24.8	26615
1993 TC ₂₈	2007 10 27.3	02 04.80 +10 08.9 18.9	-0.91 - 2.7	0.9/26.7	26548
2003 YV ₁₂₆	2007 10 27.3	02 04.84 +08 17.6 17.7	-0.91 + 4.1	2.4/26.5	25982
2007 TW ₉₄	2007 10 27.3	02 04.87 +04 44.9 19.2	-0.78 - 4.3	2.7/25.1	26540
2001 SH ₁₄₃	2007 10 27.3	02 04.93 +03 57.1 20.9	-0.72 - 7.2	2.5/24.6	26599
2003 UH ₂₆₈	2007 10 27.3	02 04.95 +13 11.5 18.9	-0.85 - 8.9	0.2/27.5	26687
2002 QA ₆₈	2007 10 27.3	02 04.95 +16 25.6 20.3	-0.88 - 5.3	1.3/28.4	25866
2001 RK ₁₅	2007 10 27.3	02 04.96 +22 23.2 19.2	-0.79 - 7.3	3.1/30.5	25938
2005 GB ₇₃	2007 10 27.3	02 04.98 +13 59.3 18.5	-1.37 + 4.6	0.5/27.6	26743
2005 GK ₁₇₃	2007 10 27.3	02 05.00 +07 03.6 21.1	-0.87 - 3.9	1.7/25.9	77165
2005 GQ ₆₇	2007 10 27.3	02 05.08 +13 19.5 19.6	-0.86 - 3.8	0.2/27.6	26743
2001 FB ₁₅₂	2007 10 27.4	02 04.99 +12 57.1 20.9	-0.85 - 7.6	0.1/27.5	24328
2006 HG ₈₄	2007 10 27.4	02 05.01 -01 23.0 19.9	-1.06 - 1.4	5.8/24.1	26763
2001 SM ₂₁₀	2007 10 27.4	02 05.05 +23 24.8 19.1	-1.01 - 0.2	3.6/29.9	26599
2000 YC ₅₇	2007 10 27.4	02 05.08 +15 27.7 18.2	-0.86 - 7.4	1.3/28.3	26584
2006 HL ₆₁	2007 10 27.4	02 05.11 +10 03.0 21.6	-0.95 - 8.1	0.9/26.6	01682
2005 EL ₂₂	2007 10 27.4	02 05.13 +03 24.0 21.3	-0.84 - 5.8	2.8/24.7	77820
2002 TX ₈₇	2007 10 27.4	02 05.15 +14 27.2 19.5	-0.86 - 4.4	0.6/27.9	26642
2006 KH ₆₇	2007 10 27.4	02 05.15 +01 14.8 20.1	-1.03 - 3.8	4.3/24.5	01822
2002 CT ₁₇₉	2007 10 27.4	02 05.16 +02 03.3 19.0	-0.92 - 5.3	5.2/24.5	26611
1999 WH ₂₀	2007 10 27.4	02 05.17 +32 47.8 18.3	-0.85 -19.0	7.8/04.7	26563
2004 FV ₁₁₉	2007 10 27.4	02 05.19 +11 57.3 20.5	-0.79 - 3.8	0.2/27.2	26713
1999 VW ₁₈₃	2007 10 27.4	02 05.21 +08 16.0 19.5	-0.96 - 2.7	1.9/26.3	26562
2004 BL ₁	2007 10 27.4	02 05.24 +12 35.8 21.6	-0.79 - 4.6	0.0/27.4	76371
2003 VG ₉	2007 10 27.4	02 05.26 +09 54.7 18.4	-0.91 - 1.6	1.3/26.8	25955
2002 MX ₃	2007 10 27.4	02 05.27 +16 31.1 18.7	-0.90 - 8.4	1.4/28.6	25855
2002 GK ₉₆	2007 10 27.4	02 05.32 +14 52.3 21.1	-0.97 - 5.1	0.7/28.1	26619
2002 RV ₂₄₄	2007 10 27.4	02 05.38 +06 55.5 20.1	-0.83 - 6.5	1.9/25.8	26638
2000 SN ₂₈	2007 10 27.4	02 05.39 +15 45.6 18.4	-0.96 - 6.8	1.4/28.4	26576
2003 YV ₁₅	2007 10 27.4	02 05.40 +02 16.8 18.3	-0.95 - 0.2	4.2/25.1	26698
1999 TE ₁₅₂	2007 10 27.4	02 05.40 +05 28.2 18.3	-0.92 - 4.5	2.8/25.5	26558
2001 SF ₉₈	2007 10 27.4	02 05.43 +14 16.8 19.4	-0.77 - 5.1	0.4/28.0	26598
2002 PJ ₄₉	2007 10 27.4	02 05.44 +35 06.7 19.1	-1.03 - 4.6	7.2/03.4	04207
1995 UU ₂₄	2007 10 27.4	02 05.44 +09 20.1 20.2	-0.81 - 7.2	1.5/26.5	25783
2001 XF ₃₃	2007 10 27.4	02 05.47 +02 39.2 20.3	-1.03 - 5.1	3.8/24.8	26068
2005 CY ₄₅	2007 10 27.5	02 05.40 +19 58.8 19.2	-1.04 - 3.4	3.2/29.4	26727
2002 CH ₂₈₉	2007 10 27.5	02 05.45 -30 31.2 20.7	-1.07 + 0.2	14.9/15.7	00189

2005 GL ₁₁₀	2007 10 27.5	02 05.49 +13 14.7 19.7	-0.83 - 6.3	0.2/27.7	26049
2005 GH ₆₁	2007 10 27.5	02 05.50 +10 21.8 20.5	-0.83 - 5.6	0.8/26.8	26742
2001 SC ₁₉	2007 10 27.5	02 05.51 +08 24.0 19.2	-0.78 - 3.8	1.5/26.3	26597
2003 WX ₁₇₁	2007 10 27.5	02 05.56 -19 26.4 18.1	-0.83 - 1.1	14.0/18.1	26696
2002 KU ₁	2007 10 27.5	02 05.59 +15 12.0 20.3	-0.99 - 4.3	0.8/28.2	25854
2005 CP ₈	2007 10 27.5	02 05.61 +10 41.8 20.0	-1.03 - 4.5	0.9/27.0	26725
2004 CJ ₆₈	2007 10 27.5	02 05.62 +15 31.0 19.2	-0.85 - 5.4	1.0/28.4	26708
2005 GR ₁₃₀	2007 10 27.5	02 05.62 -08 23.7 21.0	-0.71 - 3.5	5.0/21.4	87667
2006 HO ₄₈	2007 10 27.5	02 05.63 +08 47.1 20.7	-0.98 - 4.9	1.5/26.5	26158
2002 TF ₁₉₂	2007 10 27.5	02 05.63 +34 12.3 17.9	-1.00 - 2.1	8.1/02.5	26644
2005 GX ₅₁	2007 10 27.5	02 05.66 +12 05.3 18.7	-1.06 + 1.1	0.2/27.4	26742
2001 SM ₃₀₂	2007 10 27.5	02 05.69 +14 00.0 19.9	-0.78 - 4.5	0.4/27.9	26600
2001 GY ₁₀	2007 10 27.5	02 05.70 +06 17.5 19.0	-0.98 - 1.3	2.2/26.0	26590
2001 SR ₉₁	2007 10 27.5	02 05.72 +26 06.6 20.0	-0.89 - 2.7	3.8/31.3	10794
2001 NK ₇	2007 10 27.5	02 05.73 -02 46.6 20.4	-0.81 - 3.0	5.0/23.4	64918
2007 TC ₁₅	2007 10 27.5	02 05.74 +09 43.3 19.0	-0.83 -10.9	1.2/26.6	26524
2005 EQ ₂₇₁	2007 10 27.5	02 05.77 +07 42.1 20.2	-0.87 - 5.3	1.8/26.2	26739
2005 EE ₇₀	2007 10 27.5	02 05.80 +37 09.9 20.6	-1.62 + 4.0	7.9/31.7	77827
2004 DS ₃₅	2007 10 27.5	02 05.82 +12 26.5 20.0	-0.74 - 5.4	0.1/27.5	25994
2002 AB ₉₄	2007 10 27.5	02 05.84 +21 15.2 18.8	-1.09 - 3.4	4.2/29.8	26607
2000 XH ₂₁	2007 10 27.5	02 05.84 +19 28.5 18.9	-1.12 - 1.6	2.9/29.2	26584
1998 TK ₁₁	2007 10 27.5	02 05.85 +13 14.3 19.8	-0.85 - 6.0	0.2/27.7	26554
2003 YJ ₁₂₀	2007 10 27.6	02 05.78 +14 36.9 18.5	-0.86 - 5.3	0.7/28.1	26701
2002 PL ₁₀₁	2007 10 27.6	02 05.79 -01 52.4 20.2	-0.84 - 6.6	4.7/23.3	00309
2003 UN ₉₂	2007 10 27.6	02 05.80 +20 02.0 18.9	-1.01 - 3.0	3.0/29.5	26680
2005 EO ₂₇₂	2007 10 27.6	02 05.81 -03 31.1 20.3	-0.90 - 2.1	5.0/23.4	11088
2002 NW ₆₀	2007 10 27.6	02 05.82 +02 16.0 19.1	-0.86 - 5.0	4.0/24.6	26626
2003 WV ₆₇	2007 10 27.6	02 05.83 +17 40.7 19.1	-0.70 - 7.9	2.4/29.2	25962
2005 ES ₁₃₈	2007 10 27.6	02 05.84 +01 15.3 19.9	-0.87 - 2.8	3.6/24.6	26735
2001 QP ₆₅	2007 10 27.6	02 05.87 +29 12.9 18.3	-0.86 - 3.4	6.3/01.5	26593
2002 SK ₅₄	2007 10 27.6	02 05.90 +26 59.9 19.7	-0.99 - 3.6	5.1/01.0	77652
2003 WB ₃₀	2007 10 27.6	02 05.97 +05 38.0 19.6	-1.19 + 5.7	3.5/26.5	58051
2005 GU ₁₁	2007 10 27.6	02 06.00 -00 54.2 19.1	-0.83 - 4.9	4.8/23.7	26741
2002 RD ₂₃	2007 10 27.6	02 06.02 +17 11.4 19.4	-0.90 - 4.0	1.6/28.9	26634
2005 JA ₁₆₄	2007 10 27.6	02 06.02 -04 05.1 20.2	-0.78 - 3.0	5.3/22.9	00957
2006 KS ₇₆	2007 10 27.6	02 06.04 +13 44.3 19.9	-0.87 - 6.8	0.3/27.9	26769
2005 GR ₄₉	2007 10 27.6	02 06.04 +06 58.5 19.4	-0.80 -12.0	2.2/25.7	26742
2000 OT ₁	2007 10 27.6	02 06.07 +30 08.5 19.4	-1.15 - 6.7	7.4/02.0	26572
2004 DH ₁₃	2007 10 27.6	02 06.08 +35 13.9 20.1	-0.98 - 1.5	5.9/02.7	11032
2001 PJ ₁₆	2007 10 27.6	02 06.09 +17 48.5 18.6	-0.88 - 2.7	1.8/29.0	26592
2002 VS ₄₉	2007 10 27.6	02 06.09 -06 41.2 18.6	-0.88 + 0.2	7.3/23.1	26650
2006 HR ₁₀₃	2007 10 27.6	02 06.11 -06 39.2 19.6	-0.81 - 6.6	6.9/21.8	26764
2005 EA ₃₀₉	2007 10 27.6	02 06.14 +19 22.5 19.4	-0.93 - 3.6	3.2/29.5	26740
2000 DT ₃₆	2007 10 27.6	02 06.18 +06 44.7 19.3	-0.83 - 5.0	2.0/26.0	26568
2004 FL ₄	2007 10 27.6	02 06.21 -01 18.5 20.2	-0.79 - 2.1	3.5/23.9	66346
2002 QT ₁₀₉	2007 10 27.6	02 06.22 +18 53.7 21.2	-0.93 - 4.5	2.0/29.4	26633
2004 BG ₇₄	2007 10 27.7	02 06.15 +12 45.6 19.4	-0.82 - 4.7	0.0/27.7	26706
1997 GP ₂	2007 10 27.7	02 06.17 +08 31.5 20.8	-0.88 - 6.5	1.4/26.5	26551
1996 TP ₂₅	2007 10 27.7	02 06.20 +12 21.9 19.1	-0.97 - 2.1	0.2/27.6	25784
2006 JL	2007 10 27.7	02 06.21 +14 54.4 19.5	-1.13 - 2.3	0.8/28.2	26764
2003 KA ₁₇	2007 10 27.7	02 06.22 -12 19.0 18.6	-1.49 +10.9	12.0/25.9	26658

2003 QQ ₉₂	2007 10 27.7	02 06.23 +00 04.8 18.0	-0.90	+	2.1	6.8/25.1	25915
2007 TM ₇₇	2007 10 27.7	02 06.24 +17 39.0 18.9	-0.95	-	2.8	2.2/29.0	26537
2002 JU ₈₄	2007 10 27.7	02 06.25 +16 34.8 19.7	-1.01	-	6.6	1.5/28.8	26622
2004 YP ₁₅	2007 10 27.7	02 06.26 +15 36.7 20.3	-0.98	-	4.7	1.0/28.5	26720
2005 GV ₁₄₁	2007 10 27.7	02 06.26 +08 09.7 19.7	-0.87	-	7.0	1.6/26.4	77149
1999 TL ₁₇₀	2007 10 27.7	02 06.32 +14 10.1 18.8	-0.71	-	2.9	0.4/28.1	26558
2002 CR ₃₁₀	2007 10 27.7	02 06.33 +00 10.2 20.0	-1.00	-	4.4	5.0/24.4	02081
2004 DW ₂₈	2007 10 27.7	02 06.37 +07 50.2 19.4	-0.80	-	4.0	1.6/26.4	11033
2000 RZ ₁₉	2007 10 27.7	02 06.40 +09 12.2 18.5	-0.87	-	9.7	1.6/26.6	26574
2006 CD ₂₃	2007 10 27.7	02 06.46 +13 25.3 20.1	-1.02	-	1.9	0.2/27.9	26131
2002 QX ₁₀₃	2007 10 27.7	02 06.47 -01 58.4 19.9	-0.77	-	8.5	5.3/23.0	08341
1999 TM ₁₉₄	2007 10 27.7	02 06.50 +26 07.7 18.6	-0.89	-	9.3	5.3/01.2	26558
2002 JU ₄₈	2007 10 27.7	02 06.53 +12 48.2 19.5	-1.02	-	4.0	0.0/27.8	26621
2003 VF ₄	2007 10 27.7	02 06.54 +22 21.1 19.5	-0.96	-	5.4	3.9/30.5	26689
2003 WA ₉₉	2007 10 27.7	02 06.55 +20 02.8 18.0	-0.83	-	1.6	3.8/29.7	25965
2001 GV ₁₁	2007 10 27.7	02 06.60 +06 47.9 20.6	-0.96	-	1.4	1.8/26.4	07913
2001 SP ₃₂₄	2007 10 27.8	02 06.58 +19 44.0 19.3	-0.78	-	6.0	2.0/29.9	26600
2002 GN ₁₅	2007 10 27.8	02 06.59 +08 35.1 22.1	-0.91	-	6.4	1.2/26.6	74164
2002 QW ₇	2007 10 27.8	02 06.61 -06 28.5 19.0	-0.84	-	3.0	7.1/22.5	26630
2003 UA ₁₅₂	2007 10 27.8	02 06.62 +20 53.4 18.8	-1.03	-	2.9	3.2/29.9	26683
2003 SQ ₂₃₅	2007 10 27.8	02 06.63 +19 53.5 18.4	-1.18	+	3.5	3.6/29.1	26673
2000 DV ₈₄	2007 10 27.8	02 06.66 +10 21.0 19.2	-0.91	-	3.3	0.8/27.2	26569
2005 GG ₁₇₂	2007 10 27.8	02 06.68 +08 15.6 20.2	-0.87	-	3.4	1.5/26.6	26052
2002 ON ₂₁	2007 10 27.8	02 06.69 +56 05.0 18.7	-1.28	-	3.9	15.7/14.1	57876
2003 PQ ₁	2007 10 27.8	02 06.73 -01 34.0 20.6	-0.97	-	5.8	5.0/23.9	02152
2004 EE ₆₄	2007 10 27.8	02 06.75 +10 27.5 19.3	-0.86	-	1.8	0.7/27.3	26712
2004 BN ₇₃	2007 10 27.8	02 06.77 +14 29.3 19.7	-0.80	-	4.6	0.5/28.3	26706
2003 SV ₂₄₃	2007 10 27.8	02 06.82 +10 20.6 20.9	-0.96	-	5.4	0.9/27.2	10987
2005 AR ₂	2007 10 27.8	02 06.84 -01 11.0 19.3	-0.98	-	3.0	6.3/24.3	26016
2002 JL ₈₀	2007 10 27.8	02 06.84 +11 00.7 18.9	-1.10	-	1.7	0.7/27.4	26622
2002 QH ₄₆	2007 10 27.8	02 06.85 +02 24.7 18.6	-0.87	-	2.8	4.3/25.2	26631
2006 KF ₉₉	2007 10 27.8	02 06.85 -01 33.6 20.7	-0.97	-	2.0	5.2/24.4	09575
2004 ED ₇₈	2007 10 27.8	02 06.87 +09 21.7 20.4	-0.79	-	4.5	1.0/26.9	26712
2005 ER ₁₉₉	2007 10 27.8	02 06.92 +16 27.0 19.9	-0.92	-	3.8	1.2/28.8	26038
2005 JS ₁₄₆	2007 10 27.8	02 06.92 +07 09.5 19.5	-0.69	-	9.1	1.6/26.0	26747
2003 SG ₃₅₅	2007 10 27.8	02 06.92 +07 52.0 20.6	-1.00	-	3.5	1.9/26.6	22452
2007 RP ₂₂₃	2007 10 27.8	02 06.95 +18 27.1 19.0	-1.04	+	0.1	2.3/29.2	26480
2001 FS ₄₃	2007 10 27.8	02 06.95 +17 51.5 20.1	-0.95	-	3.9	1.6/29.2	26589
2002 JX ₁₃₈	2007 10 27.8	02 06.96 +15 39.9 17.4	-0.80	-	9.0	1.3/28.8	25853
2003 YE ₁₁₉	2007 10 27.8	02 06.98 +04 17.6 18.9	-0.87	-	3.2	3.0/25.6	26701
2006 HJ ₇₅	2007 10 27.8	02 06.98 -07 21.7 19.8	-0.95	-	4.3	8.8/22.2	26762
2003 YW ₅₀	2007 10 27.9	02 06.95 +25 18.0 19.7	-0.98	-	5.6	4.5/31.4	26699
2005 GG ₁₈₁	2007 10 27.9	02 06.98 +09 57.6 21.1	-0.94	-	3.4	0.9/27.2	77875
2006 KZ ₁₅	2007 10 27.9	02 07.00 +01 25.0 21.2	-0.90	-	3.3	3.6/25.0	01792
2002 PJ ₁₇₀	2007 10 27.9	02 07.06 +11 24.9 20.0	-0.84	-	9.3	0.5/27.5	26629
1999 RT ₁₃₆	2007 10 27.9	02 07.09 +13 48.6 19.2	-1.00	-	5.6	0.4/28.2	26557
2002 RC ₁₇₂	2007 10 27.9	02 07.09 +13 38.4 20.3	-1.01	-	2.1	0.3/28.1	26637
2003 QR ₆₅	2007 10 27.9	02 07.10 +06 06.0 18.7	-0.92	-	3.2	3.1/26.2	25914
2003 UT ₄₂	2007 10 27.9	02 07.11 +13 54.8 19.6	-1.04	-	2.3	0.4/28.2	25937
2000 HM ₅₉	2007 10 27.9	02 07.12 +15 01.4 20.8	-0.78	-	4.8	0.6/28.6	04137
2003 SV ₁₅	2007 10 27.9	02 07.13 +06 54.7 18.9	-0.93	-	7.0	2.4/26.2	26666

2002 CH ₂₄₁	2007 10 27.9	02 07.15 +16 30.4 19.8	-0.99	-	8.3	1.6/29.0	25845
1999 TZ ₇₀	2007 10 27.9	02 07.16 +17 07.8 20.8	-1.16	+	0.6	1.6/28.8	26557
2007 RH ₂₄₁	2007 10 27.9	02 07.19 -01 49.4 19.2	-0.78	-	9.5	5.4/23.1	26487
2005 GG ₁₀₂	2007 10 27.9	02 07.20 +04 56.3 19.4	-1.06	+	0.8	3.2/26.3	26743
2005 EE ₂₀₅	2007 10 27.9	02 07.20 +07 32.0 20.6	-0.87	-	5.8	1.8/26.4	26737
2002 QK ₃₇	2007 10 27.9	02 07.23 +10 06.6 20.5	-0.86	-	4.2	1.0/27.2	25865
2000 SJ ₂₃₉	2007 10 27.9	02 07.25 +07 08.2 19.6	-0.93	-	7.7	2.6/26.3	25810
2002 XC ₇₆	2007 10 27.9	02 07.25 +19 00.9 19.0	-0.86	-	3.3	2.2/29.6	26654
2003 WR ₁₄₅	2007 10 27.9	02 07.27 -09 56.0 19.0	-0.86	-	4.1	9.2/21.1	26695
2001 BU ₂₄	2007 10 27.9	02 07.29 +08 31.7 19.6	-0.96	-	6.0	1.7/26.8	26586
2006 HC ₁₁₁	2007 10 27.9	02 07.30 +03 35.2 20.3	-0.99	-	5.6	3.5/25.5	26764
2003 UF ₂₇₆	2007 10 27.9	02 07.30 +07 23.1 18.9	-0.95	-	3.3	2.3/26.6	26688
2005 GS ₃₄	2007 10 27.9	02 07.32 -02 44.8 20.2	-0.84	-	3.7	4.6/23.6	77860
2003 QF ₁₀₅	2007 10 27.9	02 07.36 +14 15.0 18.5	-0.99	-	2.2	0.6/28.3	26664
2003 SY ₃₂₂	2007 10 27.9	02 07.36 +16 02.5 20.6	-0.99	-	6.6	1.2/28.9	10989
2006 HM ₈₈	2007 10 28.0	02 07.31 +16 07.4 20.4	-1.02	-	7.8	1.2/28.9	26763
2001 RA ₁₆	2007 10 28.0	02 07.32 +37 40.7 19.6	-0.88	-	8.3	7.7/06.0	40466
2005 JA ₇₁	2007 10 28.0	02 07.32 +00 03.2 20.8	-0.76	-	3.0	3.4/24.5	15821
2003 SS ₁₈₂	2007 10 28.0	02 07.34 +24 59.7 19.4	-0.99	-	4.7	5.2/31.4	25928
2002 QL ₁₁₄	2007 10 28.0	02 07.37 +20 21.1 19.8	-0.89	-	5.7	2.7/30.2	26633
2005 GA ₁₃₇	2007 10 28.0	02 07.37 +03 40.5 20.1	-0.74	-	3.6	2.5/25.4	26744
2002 RW ₁₈₀	2007 10 28.0	02 07.37 -23 42.5 19.4	-0.78	-	7.1	12.3/14.1	77644
2006 HM ₄₆	2007 10 28.0	02 07.38 +12 23.0 21.8	-1.00	-	4.4	0.2/27.9	02325
2007 TB ₉₂	2007 10 28.0	02 07.41 +00 24.5 18.2	-0.87	-	3.0	6.2/24.6	26539
2002 RZ ₁₅₁	2007 10 28.0	02 07.44 +15 03.0 18.8	-0.81	-	8.3	0.8/28.7	26637
2004 CY ₆₉	2007 10 28.0	02 07.44 +20 52.7 18.5	-1.09	+	1.1	3.4/29.7	25991
2000 BR ₄₇	2007 10 28.0	02 07.44 -05 11.8 20.2	-0.82	-	4.0	5.6/23.0	26567
1994 CN ₇	2007 10 28.0	02 07.44 -04 01.3 19.8	-0.77	-	5.2	6.0/22.9	57657
2003 AW ₄₉	2007 10 28.0	02 07.49 +13 42.3 20.3	-0.80	-	3.8	0.2/28.3	26656
2004 DU ₃₀	2007 10 28.0	02 07.57 +14 16.6 19.8	-0.84	-	4.1	0.5/28.4	26710
2003 OF ₁₈	2007 10 28.0	02 07.60 +10 23.1 18.9	-0.91	-	7.9	1.1/27.3	26660
2001 SC ₁₅₆	2007 10 28.0	02 07.62 -00 55.1 19.7	-0.75	-	10.4	4.3/23.5	00055
2006 HN ₁₅₂	2007 10 28.0	02 07.63 +14 00.4 21.2	-1.02	-	5.0	0.4/28.4	26764
2002 RT ₂₆₉	2007 10 28.0	02 07.63 +13 22.1 20.5	-0.89	-	4.0	0.2/28.2	21124
2005 EX ₁₄₅	2007 10 28.0	02 07.67 +12 34.3 19.4	-0.95	-	3.6	0.1/28.0	26735
2004 FF ₁₄₄	2007 10 28.0	02 07.72 +28 20.7 20.2	-0.84	-	3.6	4.1/01.5	73003
2006 DX ₁₃	2007 10 28.1	02 07.70 +17 34.6 20.2	-1.14	-	4.8	1.8/29.3	26752
2003 YH ₆₄	2007 10 28.1	02 07.79 +23 02.0 19.8	-0.97	-	5.5	3.9/30.9	87601
2002 CA ₁₆₉	2007 10 28.1	02 07.80 +14 11.6 19.1	-1.06	-	3.7	0.5/28.4	26611
2003 WM ₁₈₈	2007 10 28.1	02 07.90 +42 16.2 18.9	-1.04	-	7.2	9.1/07.0	62456
2002 CD ₆₂	2007 10 28.1	02 07.92 +03 15.1 20.0	-1.00	-	3.9	3.1/25.7	31967
2004 FK ₅₂	2007 10 28.1	02 07.92 +09 03.3 20.1	-0.77	-	3.7	1.1/27.1	26712
2003 AT ₁₁	2007 10 28.1	02 07.92 +01 48.8 18.4	-0.71	-	7.3	4.2/24.6	26655
2002 GG ₁₁₇	2007 10 28.1	02 07.94 +05 34.8 19.6	-1.06	-	3.0	3.0/26.3	10871
2005 GL ₁₀₁	2007 10 28.1	02 07.94 +11 23.3 19.9	-0.88	-	4.1	0.5/27.7	26743
2003 UL ₂₄₉	2007 10 28.1	02 07.96 +17 56.7 20.1	-0.95	-	5.2	1.9/29.5	26686
2002 JX ₁₄₅	2007 10 28.1	02 07.98 +27 41.5 19.5	-1.00	-	8.5	5.2/01.9	00269
1999 LE ₁₅	2007 10 28.1	02 07.98 -11 38.2 20.3	-0.74	-	3.1	6.2/20.9	26556
2005 ER ₂₂₂	2007 10 28.1	02 08.01 -04 36.4 19.7	-0.90	-	1.7	5.4/23.7	26738
2002 OF ₇	2007 10 28.1	02 08.02 +15 14.9 19.7	-0.83	-	8.2	0.9/28.9	00297
2000 DS ₆₂	2007 10 28.1	02 08.05 +10 28.9 19.5	-0.88	-	5.4	0.9/27.5	26568

2002 FZ ₈	2007 10 28.1	02 08.06 +12 27.1	19.7	-0.95	-	7.4	0.2/28.0	26616
2003 WA ₁₁₇	2007 10 28.1	02 08.08 +15 06.7	18.8	-0.93	-	2.5	1.0/28.7	25967
2004 BA ₃₁	2007 10 28.1	02 08.10 -05 43.9	19.8	-0.77	-	4.5	5.9/22.7	26704
2005 EX ₁₆₅	2007 10 28.1	02 08.10 +25 03.1	19.4	-1.01	-	1.0	3.9/31.2	26736
2002 QW ₃₅	2007 10 28.1	02 08.13 +06 29.3	18.8	-0.87	-	3.6	2.3/26.5	26631
2006 JZ ₃₅	2007 10 28.1	02 08.13 +07 16.8	20.1	-0.85	-	4.2	2.0/26.7	26170
2000 JP ₆₃	2007 10 28.1	02 08.14 +26 02.1	20.4	-0.79	-	7.3	3.3/01.4	04137
2006 DT ₃₀	2007 10 28.1	02 08.15 +09 43.3	19.9	-1.04	-	6.0	1.3/27.3	26133
2005 EN ₁₅₁	2007 10 28.2	02 08.08 +19 56.6	21.6	-0.90	-	1.3	1.9/30.0	77838
2007 RA ₁₄	2007 10 28.2	02 08.10 +13 33.0	17.7	-0.84	-	6.1	0.3/28.4	26354
2007 TD ₁₂₄	2007 10 28.2	02 08.18 +06 14.4	18.8	-0.80	-11.4		2.7/25.9	26542
2001 QP ₄₈	2007 10 28.2	02 08.18 -01 11.8	19.2	-0.76	-	4.6	4.4/24.2	25824
2004 FX ₄₅	2007 10 28.2	02 08.19 +07 47.0	19.0	-0.89	-	1.4	1.7/26.9	26712
2003 SJ ₅₁	2007 10 28.2	02 08.20 +07 04.9	19.0	-0.85	-	5.3	2.7/26.6	26667
2005 CQ ₆₉	2007 10 28.2	02 08.24 +12 27.0	21.3	-1.00	-	4.5	0.2/28.1	26728
2004 DZ ₇₈	2007 10 28.2	02 08.24 -10 57.1	19.7	-0.72	-	4.5	6.7/20.8	26711
2006 KK ₂₃	2007 10 28.2	02 08.26 +12 21.1	21.7	-1.01	-	5.0	0.2/28.1	11171
2003 XM ₉	2007 10 28.2	02 08.28 +07 28.4	18.4	-1.17	+	2.6	2.0/27.2	26697
1994 US ₆	2007 10 28.2	02 08.30 +16 47.7	20.7	-0.92	-	4.4	1.3/29.3	21290
2002 XG ₁₂	2007 10 28.2	02 08.30 +09 46.9	18.8	-0.98	+	0.7	1.1/27.6	26653
2002 RE ₂₂₉	2007 10 28.2	02 08.30 -03 21.3	19.7	-0.86	-	3.4	5.8/24.0	26638
2004 BU ₁₀₁	2007 10 28.2	02 08.35 -01 00.0	21.1	-0.70	-	4.3	3.5/24.2	04291
2003 WE ₃₂	2007 10 28.2	02 08.48 +17 21.3	18.8	-0.90	-	5.0	1.9/29.5	25958
2001 DC ₄₁	2007 10 28.2	02 08.48 +28 12.9	20.4	-1.09	-	2.1	5.0/01.1	77512
2005 EW ₁₈₇	2007 10 28.2	02 08.54 +13 44.6	20.8	-0.88	-	4.4	0.2/28.5	11086
2005 JO ₄	2007 10 28.3	02 08.46 +03 11.4	20.4	-0.70	-	7.2	2.5/25.2	26745
2002 CO ₂₃₄	2007 10 28.3	02 08.51 +24 52.6	19.6	-1.04	-	4.5	6.1/01.0	26612
1999 YK ₁₀	2007 10 28.3	02 08.52 +04 00.8	19.3	-0.91	-	3.3	3.9/26.0	25797
2002 GY ₁₅₉	2007 10 28.3	02 08.53 -03 11.3	19.7	-0.93	-	4.7	5.8/24.0	26620
1999 VK ₃₄	2007 10 28.3	02 08.57 +26 21.5	18.7	-0.89	-10.2		5.1/01.8	26560
2002 RF ₂₃₃	2007 10 28.3	02 08.59 +27 00.7	20.3	-1.00	-	3.2	4.3/01.1	04222
2003 VD ₁₁	2007 10 28.3	02 08.62 +10 59.0	18.5	-0.94	-	1.1	1.0/27.9	25956
2000 SZ ₂₃₅	2007 10 28.3	02 08.64 +02 03.8	19.0	-0.99	-	4.4	4.9/25.5	26578
2000 YC ₉₅	2007 10 28.3	02 08.67 +07 01.3	19.7	-0.98	-	4.9	2.3/26.7	26585
2002 VW ₆	2007 10 28.3	02 08.70 +16 25.9	18.6	-0.88	-	2.9	1.2/29.3	26649
2005 BU ₂₄	2007 10 28.3	02 08.70 +20 52.0	19.6	-1.05	-	3.5	3.0/30.4	26724
1999 XV ₂₂₃	2007 10 28.3	02 08.73 -04 43.4	19.1	-0.65	+	1.9	10.2/23.8	26564
2004 CW ₄₇	2007 10 28.3	02 08.73 +34 22.5	21.0	-0.93	-	2.4	5.4/03.3	62496
2001 QD ₁₅₇	2007 10 28.3	02 08.74 +28 03.9	18.5	-0.88	-	4.0	5.0/01.8	62342
2003 SE ₂₄₅	2007 10 28.3	02 08.75 +14 52.5	19.2	-0.96	-	3.0	0.9/28.8	26673
2002 NQ ₃₇	2007 10 28.3	02 08.76 +29 35.1	19.5	-0.97	-	5.8	5.3/02.4	26625
2005 CH ₆	2007 10 28.3	02 08.78 +16 05.1	19.9	-1.02	-	4.8	1.1/29.2	26725
2004 RM ₂₄	2007 10 28.3	02 08.79 +40 49.8	20.0	-1.76	+	2.9	12.8/03.0	02207
2002 NR ₆₂	2007 10 28.3	02 08.81 -15 03.7	20.4	-0.90	-	0.9	10.5/21.1	25856
2001 OE ₅₆	2007 10 28.3	02 08.82 -01 29.9	20.2	-0.84	-	1.6	4.3/24.7	26592
2002 JV ₆₉	2007 10 28.3	02 08.84 +02 13.2	20.3	-0.99	-	3.2	3.6/25.7	26622
2005 KS ₂	2007 10 28.3	02 08.86 +11 28.9	20.6	-0.76	-	6.2	0.4/27.9	26058
2006 FD ₂₉	2007 10 28.3	02 08.86 +13 12.9	20.8	-1.10	-	3.7	0.1/28.4	02312
2003 UG ₂₆₄	2007 10 28.3	02 08.88 +04 45.8	19.2	-0.89	-	4.8	3.5/26.1	26687
2001 BP ₆	2007 10 28.3	02 08.89 +27 49.9	19.1	-1.08	-	3.6	5.2/01.3	26586
1981 EG ₃₃	2007 10 28.3	02 08.93 +09 37.5	19.6	-0.95	-	8.6	1.3/27.4	70209

2006 HW ₁₇	2007 10 28.3	02 08.94 -06 40.0	19.9	-0.97	-	0.9	6.8/23.8	02320
2003 QT ₃₁	2007 10 28.4	02 08.85 +15 40.9	18.6	-0.93	-	5.8	1.2/29.2	26662
2002 UH ₁₀	2007 10 28.4	02 08.89 +21 13.0	19.0	-0.92	-	3.4	3.0/30.6	26647
2001 QQ ₇₂	2007 10 28.4	02 08.96 +30 42.4	17.9	-0.80	-	8.4	6.4/03.6	26593
2005 AQ ₆₀	2007 10 28.4	02 08.97 +05 28.7	18.9	-0.97	-	4.5	3.4/26.4	26723
2005 EA ₂₄₆	2007 10 28.4	02 09.00 +08 48.0	20.6	-0.89	-	5.7	1.4/27.2	26040
2002 PM ₉₉	2007 10 28.4	02 09.01 +27 11.8	19.3	-1.09	-	1.2	4.8/01.0	26628
2005 EB ₂₆₅	2007 10 28.4	02 09.03 +12 14.0	21.8	-0.89	-	5.9	0.3/28.2	76999
2002 EY ₅₁	2007 10 28.4	02 09.03 +06 08.0	19.2	-0.98	-	5.3	3.1/26.6	26614
2001 RZ ₁₄	2007 10 28.4	02 09.07 +04 20.6	20.1	-0.73	-	8.7	2.8/25.7	25829
2005 GL ₃₇	2007 10 28.4	02 09.11 +25 40.8	20.1	-0.91	-	7.1	3.9/01.3	86686
2004 CN ₅₁	2007 10 28.4	02 09.13 -05 13.2	20.4	-0.80	-	2.4	5.4/23.5	04294
2000 WE ₁₃₁	2007 10 28.4	02 09.13 +13 35.9	18.5	-0.92	-	8.7	0.2/28.6	26583
2000 AV ₃₇	2007 10 28.4	02 09.18 -10 22.1	19.2	-0.92	+	0.4	10.2/22.8	26565
2000 AU ₂₄₂	2007 10 28.4	02 09.18 +11 46.4	21.6	-0.49	-	3.1	0.2/28.1	57745
2003 UW ₂₀₇	2007 10 28.4	02 09.32 +14 21.3	19.0	-1.06	-	1.0	0.5/28.8	25946
2003 WM ₉₁	2007 10 28.5	02 09.25 +06 09.8	19.0	-0.81	-	4.9	3.2/26.6	25965
2003 HL ₁₆	2007 10 28.5	02 09.26 +09 35.5	19.5	-1.16	-	2.8	1.5/27.7	26657
2006 GQ ₃₁	2007 10 28.5	02 09.30 +12 10.0	19.4	-1.02	-	7.4	0.3/28.3	26758
2002 CD ₁₅₅	2007 10 28.5	02 09.30 +15 46.9	19.2	-1.11	-	4.1	1.1/29.2	26611
2006 JA ₄₅	2007 10 28.5	02 09.36 +11 52.8	20.0	-0.98	-	3.2	0.4/28.2	26766
2002 JY ₁₄₁	2007 10 28.5	02 09.40 +15 38.4	20.3	-1.00	-	5.3	0.9/29.2	26623
2003 QZ ₁₁	2007 10 28.5	02 09.42 +06 41.9	19.2	-0.98	-	4.9	2.7/26.9	25911
2001 FA ₁₂₅	2007 10 28.5	02 09.44 +14 17.6	21.2	-0.93	-	4.4	0.4/28.9	74953
1993 TA ₈	2007 10 28.5	02 09.49 +19 41.6	19.8	-0.96	-	2.6	2.4/30.2	26548
2002 PJ ₂₉	2007 10 28.5	02 09.54 +00 45.4	20.2	-0.84	-	5.9	4.1/25.1	26627
2004 CL ₆₇	2007 10 28.5	02 09.55 +03 59.7	20.2	-0.75	-	4.1	2.5/26.0	04294
2004 BW ₃₃	2007 10 28.5	02 09.58 +09 24.5	19.9	-0.83	-	3.6	1.2/27.6	26704
2000 YX ₁₄₃	2007 10 28.5	02 09.59 +05 42.9	19.8	-0.88	-	5.0	2.5/26.5	26585
2005 GD ₁₁₉	2007 10 28.5	02 09.61 +11 10.2	20.1	-0.95	-	3.2	0.6/28.1	26050
2001 RT ₆₁	2007 10 28.5	02 09.66 +17 04.2	18.9	-0.91	-	1.3	1.3/29.6	26596
2000 SG ₃₀	2007 10 28.5	02 09.69 +07 21.0	18.7	-0.97	-	7.4	2.4/26.9	26576
2000 EO ₁₇₈	2007 10 28.6	02 09.64 +08 24.7	20.9	-0.85	-	4.1	1.4/27.3	93810
2005 GF ₂	2007 10 28.6	02 09.65 +01 40.8	19.8	-0.99	-	1.1	3.8/25.9	26740
2001 FM ₄₂	2007 10 28.6	02 09.66 +28 46.3	19.5	-0.94	-	2.8	5.3/01.9	26593
2003 SS ₄₈	2007 10 28.6	02 09.67 +17 13.6	18.9	-0.81	-	8.6	1.9/29.9	26667
2007 TA ₉₅	2007 10 28.6	02 09.73 +03 58.5	19.6	-0.88	-	6.2	3.7/26.1	26540
2000 RL ₅₉	2007 10 28.6	02 09.73 +21 49.8	19.3	-1.14	-	3.1	3.7/30.8	26575
2005 EL ₂₁₀	2007 10 28.6	02 09.76 +11 32.1	19.5	-0.91	-	5.9	0.7/28.2	26737
2005 FE ₄	2007 10 28.6	02 09.77 -05 41.6	21.6	-0.83	-	6.1	5.7/22.9	03682
2002 XB ₇₀	2007 10 28.6	02 09.79 -13 27.4	19.8	-0.84	-	1.8	8.0/21.1	65401
2005 EH ₁₄	2007 10 28.6	02 09.79 +10 56.2	19.7	-0.91	-	4.0	0.7/28.1	26729
2004 FP ₁₃₁	2007 10 28.6	02 09.80 +15 20.6	19.0	-0.89	-	1.7	0.7/29.2	26713
2002 QZ ₉₇	2007 10 28.6	02 09.90 +02 13.6	20.9	-0.86	-	5.0	3.6/25.6	13922
2002 NT ₆₆	2007 10 28.6	02 09.91 +05 50.7	20.8	-0.90	-	3.9	2.6/26.8	25858
2005 EL ₂₅₃	2007 10 28.6	02 09.91 +13 04.9	19.2	-0.93	-	3.0	0.0/28.7	26738
2003 SH ₆₁	2007 10 28.6	02 09.92 +11 50.1	18.8	-0.94	-	3.1	0.6/28.3	26668
2005 EK ₂₈₀	2007 10 28.6	02 09.93 +14 27.8	19.6	-1.01	-	0.8	0.4/29.0	26739
2002 EU ₁₄₂	2007 10 28.6	02 10.05 +09 20.9	20.0	-1.02	-	4.2	1.5/27.7	26616
2005 EQ ₂₉	2007 10 28.7	02 10.01 +12 36.5	19.7	-1.01	-	6.6	0.2/28.6	26028
2003 AQ ₇₆	2007 10 28.7	02 10.02 +05 18.3	19.0	-0.94	-	0.5	2.7/26.9	26656

2002 UO ₆₆	2007 10 28.7	02 10.03 +08 12.8 20.2	-0.83	- 4.4	1.6/27.4	26648
2005 BX ₇	2007 10 28.7	02 10.04 +08 32.0 19.8	-0.96	- 4.4	1.6/27.5	26724
2000 CE ₇₉	2007 10 28.7	02 10.04 +19 49.9 19.8	-0.91	- 4.3	2.3/30.6	26568
2002 GA ₂₆	2007 10 28.7	02 10.07 +09 18.2 19.9	-1.01	- 5.7	1.5/27.7	26617
2005 LU ₃₅	2007 10 28.7	02 10.11 +12 28.7 20.0	-0.75	- 6.5	0.2/28.5	89674
2005 BL ₂₉	2007 10 28.7	02 10.12 +08 49.3 19.5	-1.00	- 2.6	1.5/27.7	26725
2002 WS ₂₁	2007 10 28.7	02 10.15 -02 10.9 20.0	-0.82	- 2.0	5.0/24.7	26652
2007 TQ ₇₇	2007 10 28.7	02 10.21 +19 37.4 18.7	-0.96	- 0.3	3.3/30.3	26537
2005 GD ₅₀	2007 10 28.7	02 10.26 +10 12.3 19.9	-0.82	- 5.9	1.0/27.9	26742
2003 UN ₁₄₅	2007 10 28.7	02 10.28 +07 50.7 18.5	-0.93	- 3.0	2.3/27.4	26682
2000 UW ₆₅	2007 10 28.7	02 10.36 +14 44.5 18.4	-0.95	- 2.6	0.8/29.2	25815
2003 YC ₅₁	2007 10 28.7	02 10.36 +12 18.4 19.0	-0.90	- 3.2	0.3/28.6	26699
2005 GT ₅₆	2007 10 28.7	02 10.40 +11 43.2 20.3	-1.01	- 2.2	0.5/28.4	26742
2002 RD ₂₁₆	2007 10 28.7	02 10.44 -02 32.4 19.5	-0.85	- 3.9	5.1/24.5	26638
2003 SG ₃₂₀	2007 10 28.7	02 10.44 +17 21.2 20.3	-0.96	- 7.7	1.6/30.0	26676
2001 SE ₇₇	2007 10 28.8	02 10.40 +12 34.3 18.8	-0.73	- 7.0	0.2/28.6	26598
2003 WE ₄₉	2007 10 28.8	02 10.41 +11 47.6 20.2	-0.93	- 4.5	0.5/28.4	26691
2003 QM ₇₄	2007 10 28.8	02 10.42 +21 43.6 18.1	-0.83	- 6.4	4.3/31.5	25914
2007 TD ₁₂₅	2007 10 28.8	02 10.42 +09 12.8 18.9	-1.04	- 3.0	1.8/27.9	26542
1999 TO ₆₂	2007 10 28.8	02 10.42 +13 17.2 19.9	-0.94	- 4.7	0.1/28.8	26557
2005 EO ₂₂	2007 10 28.8	02 10.47 +05 44.8 21.2	-0.86	- 5.5	2.3/26.7	04316
2002 XU ₈	2007 10 28.8	02 10.50 -05 28.6 20.4	-0.88	- 0.2	5.8/24.3	26653
2002 XX ₉₂	2007 10 28.8	02 10.56 +19 09.0 18.4	-0.83	- 5.1	2.0/30.5	26655
1999 VY ₂₆	2007 10 28.8	02 10.56 +16 54.9 18.5	-0.76	- 8.9	1.8/30.1	26560
2003 UA ₁₃₂	2007 10 28.8	02 10.58 +20 09.2 18.7	-0.91	- 2.6	3.5/30.7	25941
2003 YN ₃₅	2007 10 28.8	02 10.58 +29 30.1 19.8	-0.93	- 5.9	5.2/02.7	26699
2003 QU ₅₀	2007 10 28.8	02 10.63 +15 29.1 18.7	-1.09	- 1.9	0.9/29.4	26663
2002 NQ ₆₆	2007 10 28.8	02 10.64 +36 14.9 19.6	-1.06	- 4.7	8.2/04.9	25858
2000 CA ₁₄	2007 10 28.8	02 10.67 +13 50.5 19.8	-0.89	- 6.1	0.2/29.0	26567
1999 FO ₁₇	2007 10 28.8	02 10.68 +12 34.5 21.4	-0.75	- 3.9	0.2/28.7	26555
2002 PW ₁₀₂	2007 10 28.8	02 10.69 +28 44.1 19.6	-0.95	- 6.0	5.5/02.5	26628
2005 EK ₂₇₃	2007 10 28.8	02 10.73 +10 40.8 19.8	-0.85	- 6.0	0.8/28.2	26042
2003 YE ₁₃₇	2007 10 28.8	02 10.80 +25 55.1 19.8	-0.88	- 5.0	4.0/01.6	11014
2001 TX ₁₄₂	2007 10 28.8	02 10.81 +07 43.3 19.5	-0.81	- 2.4	1.8/27.5	26601
2002 RN ₂₆₁	2007 10 28.9	02 10.78 +11 58.0 21.0	-0.84	- 7.2	0.4/28.5	10909
2007 TW ₆₀	2007 10 28.9	02 10.78 +12 53.7 19.2	-0.93	- 0.2	0.1/28.8	26534
2003 WG ₁₇₁	2007 10 28.9	02 10.83 -04 59.4 19.5	-0.93	- 2.4	7.2/24.2	26696
2005 CP ₃₂	2007 10 28.9	02 10.84 +08 52.0 18.4	-0.95	- 3.2	2.0/27.8	26727
2003 YL ₁₄₁	2007 10 28.9	02 10.84 +08 17.0 18.7	-1.07	+ 1.9	2.1/27.9	25984
2004 HW ₁₆	2007 10 28.9	02 10.87 +19 09.7 19.7	-0.79	- 3.9	1.7/30.6	65739
2002 PY ₇₇	2007 10 28.9	02 10.88 +00 01.3 18.2	-0.90	- 1.8	5.2/25.7	26628
2002 GT ₉₈	2007 10 28.9	02 10.92 +12 29.9 20.0	-0.93	- 7.4	0.2/28.7	26619
2001 FP ₁₂₆	2007 10 28.9	02 10.93 +07 38.8 20.2	-0.93	- 3.7	1.8/27.5	77526
2001 RF ₁₁₀	2007 10 28.9	02 10.98 +21 39.1 19.6	-0.90	- 2.1	2.6/31.1	26597
2002 QP ₆₇	2007 10 28.9	02 10.98 +11 19.8 19.6	-0.92	- 3.0	0.7/28.5	25866
2002 YW ₆	2007 10 28.9	02 10.98 -32 49.6 18.4	-0.83	+ 2.3	17.0/14.2	22726
2006 FF ₂₃	2007 10 28.9	02 10.98 +13 02.5 19.7	-1.05	- 4.1	0.1/28.9	01525
2002 EY ₈₇	2007 10 28.9	02 11.00 +10 01.6 19.2	-1.06	- 4.7	1.4/28.1	26615
2001 SK ₃₀₅	2007 10 28.9	02 11.03 +12 55.0 19.2	-0.75	- 5.4	0.1/28.9	75146
2001 SQ ₁₂₂	2007 10 28.9	02 11.06 +34 41.6 19.8	-1.03	- 1.4	6.5/03.9	23739
2006 KD ₂₉	2007 10 28.9	02 11.07 +15 12.2 21.1	-0.97	- 6.8	0.7/29.5	26767

2003 WM ₁₂₀	2007 10 28.9	02 11.09 +11 15.1 18.7	-0.97	- 2.4	0.7/28.5	26694
2005 EV ₇₁	2007 10 28.9	02 11.09 +19 32.0 19.3	-1.09	- 1.5	2.7/30.4	26732
2006 HE ₃₈	2007 10 28.9	02 11.10 +07 17.3 20.3	-0.99	- 2.3	2.1/27.6	26761
2001 QN ₂₆₅	2007 10 28.9	02 11.17 -13 01.4 18.3	-0.66	-12.0	8.8/18.9	26595
2003 SE ₈₄	2007 10 28.9	02 11.21 +18 56.4 19.3	-0.81	-12.7	2.6/31.0	25924
2003 UZ ₁₄₄	2007 10 28.9	02 11.21 +06 32.5 18.1	-1.09	+ 1.6	2.8/27.7	26682
2005 EN ₂₈₀	2007 10 29.0	02 11.18 -03 16.5 19.9	-0.84	- 7.4	5.7/23.9	89646
2003 QO ₂₃	2007 10 29.0	02 11.19 -31 50.4 18.8	-0.75	- 3.9	20.1/12.0	25911
2002 YP ₁₁	2007 10 29.0	02 11.19 -33 15.5 19.3	-1.30	+ 3.1	21.3/15.0	26655
1994 LD ₆	2007 10 29.0	02 11.24 -01 20.4 20.0	-0.79	- 1.7	3.6/25.2	66052
2006 GR ₄₀	2007 10 29.0	02 11.26 -07 39.3 20.9	-1.02	- 1.8	7.2/24.1	04372
2000 AN ₅	2007 10 29.0	02 11.28 +00 48.1 20.0	-0.90	- 3.7	3.8/25.7	26565
2003 PF ₇	2007 10 29.0	02 11.32 +04 46.6 18.7	-0.93	- 6.0	3.7/26.7	25910
2002 CL ₁₄₆	2007 10 29.0	02 11.36 +17 12.6 17.9	-1.01	- 5.3	1.9/30.1	26610
2005 EL ₅₁	2007 10 29.0	02 11.40 +18 56.2 20.8	-1.03	- 2.3	1.9/30.4	77824
2005 EG ₆₆	2007 10 29.0	02 11.40 -05 18.5 21.0	-0.89	- 2.7	5.4/24.2	26732
2005 AW ₅₃	2007 10 29.0	02 11.47 +17 24.1 19.1	-1.03	- 6.1	1.8/30.2	26019
2003 UN ₂₈₃	2007 10 29.0	02 11.47 +23 28.7 18.3	-0.98	- 2.6	4.9/01.0	26688
2005 CU ₂₂	2007 10 29.0	02 11.48 +12 47.0 18.5	-1.11	- 2.6	0.2/29.0	26726
2005 EY ₉₁	2007 10 29.0	02 11.50 +16 19.3 21.4	-0.87	- 3.0	0.8/29.9	77830
2002 QV ₅₄	2007 10 29.0	02 11.54 +29 50.3 19.2	-1.09	- 1.0	6.1/02.1	26631
2002 XN ₈₃	2007 10 29.1	02 11.55 +47 01.5 19.7	-0.99	- 5.7	9.4/09.8	66298
2001 UB ₁₉₂	2007 10 29.1	02 11.55 +46 20.3 19.9	-1.34	+ 1.3	9.9/07.2	04182
2001 DU ₄₅	2007 10 29.1	02 11.56 -06 54.6 19.1	-0.84	- 7.5	7.0/22.7	26588
2002 QG ₈₁	2007 10 29.1	02 11.60 -07 50.5 20.3	-0.86	- 4.7	7.5/22.9	13919
2005 GC ₁₁₈	2007 10 29.1	02 11.61 +06 09.1 18.8	-0.75	- 6.8	2.4/27.0	26744
2005 JA ₉₃	2007 10 29.1	02 11.66 +29 44.0 20.1	-1.07	- 1.8	5.4/02.2	77236
2005 EA ₂₆₉	2007 10 29.1	02 11.72 +10 24.8 20.4	-0.78	- 7.2	0.9/28.3	26739
2006 HP ₇	2007 10 29.1	02 11.75 +01 35.4 20.5	-0.94	- 7.3	4.1/25.8	26760
2001 UO ₃₁	2007 10 29.1	02 11.77 +12 36.9 18.5	-0.86	- 1.0	0.2/29.0	26603
2004 BF ₅₃	2007 10 29.1	02 11.91 -03 50.9 21.1	-0.73	- 3.3	4.2/24.4	87607
2003 YD ₃₇	2007 10 29.1	02 11.92 +10 21.8 20.1	-0.86	- 3.6	1.0/28.4	26699
2001 QT ₈₀	2007 10 29.1	02 11.97 +33 08.4 19.3	-0.97	- 2.7	5.7/03.9	26593
2000 SG ₂₁₁	2007 10 29.2	02 11.96 +04 07.3 19.3	-1.04	- 1.9	4.2/27.1	25809
2003 YJ ₉₂	2007 10 29.2	02 11.98 -06 05.3 19.4	-0.84	- 5.3	7.1/23.5	26701
2005 CE ₄	2007 10 29.2	02 12.00 +11 10.2 20.4	-0.99	- 4.4	0.8/28.7	26725
2001 TX ₁₅₉	2007 10 29.2	02 12.01 +29 30.2 19.4	-0.85	- 3.8	4.8/02.9	26602
2000 CE ₅₅	2007 10 29.2	02 12.04 +15 24.8 19.7	-0.93	- 4.2	0.7/29.8	26567
2001 RL ₁₂₃	2007 10 29.2	02 12.08 +22 53.4 18.9	-0.94	- 1.3	3.4/31.6	26597
2006 FR	2007 10 29.2	02 12.08 +16 55.1 18.9	-1.15	- 3.7	1.4/30.1	26756
2007 TB ₂₀	2007 10 29.2	02 12.10 +13 44.5 18.7	-0.84	- 9.1	0.2/29.4	26527
2000 KZ ₆₅	2007 10 29.2	02 12.10 +00 42.1 20.1	-0.72	- 6.5	3.4/25.4	26572
2005 EW ₁₈₈	2007 10 29.2	02 12.11 +08 38.0 20.0	-0.76	- 6.7	1.4/27.8	26737
2002 TX ₁₁	2007 10 29.2	02 12.16 +13 19.9 18.6	-0.94	- 2.2	0.0/29.3	26641
2003 WC ₉₉	2007 10 29.2	02 12.18 +26 07.8 19.9	-0.96	- 6.2	4.1/02.0	77747
2002 PM ₉₀	2007 10 29.2	02 12.23 +26 31.9 19.4	-0.91	- 7.9	4.2/02.4	26628
2002 XG ₈₅	2007 10 29.2	02 12.24 +02 58.0 18.8	-0.89	- 1.0	3.1/26.8	26654
2001 QD ₂₅₅	2007 10 29.2	02 12.26 +01 05.2 19.8	-0.74	- 7.8	3.8/25.5	26595
2003 WN ₃₀	2007 10 29.2	02 12.27 +20 02.3 19.3	-0.98	- 4.9	2.6/31.1	26690
2002 LE ₄₅	2007 10 29.2	02 12.30 +02 43.8 19.5	-1.05	- 0.1	4.0/27.0	26624
2002 NM ₂₅	2007 10 29.2	02 12.33 +25 32.9 18.4	-0.96	- 5.4	4.5/01.9	26625

1999 VE ₁₄₉	2007 10 29.2	02 12.41 +05 47.7 18.9	-0.95 - 2.7	3.0/27.4	26561
2003 EC ₁	2007 10 29.2	02 12.47 +48 47.7 18.0	-1.87 + 7.2	18.9/05.2	26657
2003 AW ₂₂	2007 10 29.3	02 12.36 +55 05.1 18.9	-1.60 - 3.9	19.7/14.4	02142
2004 ES ₅	2007 10 29.3	02 12.38 +17 24.1 20.3	-0.86 - 2.1	1.2/30.3	62518
2003 HE ₁₀	2007 10 29.3	02 12.38 +12 54.0 19.9	-1.14 - 3.8	0.2/29.2	25906
2006 HH ₆₉	2007 10 29.3	02 12.38 +05 13.6 19.7	-0.97 + 0.1	2.7/27.6	26160
2006 HG ₁₁₁	2007 10 29.3	02 12.39 +17 19.1 19.5	-1.06 - 7.0	1.5/30.4	26764
2005 BY ₂₄	2007 10 29.3	02 12.41 +11 59.3 20.8	-0.94 - 5.3	0.5/29.0	26724
2001 RA ₁₀₁	2007 10 29.3	02 12.41 +09 24.4 19.7	-0.80 - 3.8	1.2/28.3	26596
2001 AP ₁	2007 10 29.3	02 12.49 -12 51.8 18.1	-0.85 + 0.7	13.5/22.7	24322
2005 EV ₁₆₂	2007 10 29.3	02 12.49 +14 14.0 19.0	-0.96 - 2.8	0.4/29.6	26736
2005 JB ₄₃	2007 10 29.3	02 12.49 +11 53.2 20.5	-0.81 - 4.2	0.5/28.9	26746
2002 YD ₂₂	2007 10 29.3	02 12.51 +42 04.2 18.8	-0.90 - 7.2	10.0/08.8	21324
2003 YT ₁₀₃	2007 10 29.3	02 12.54 -18 25.6 20.1	-1.03 + 1.1	9.9/21.5	76338
2002 NA ₆₃	2007 10 29.3	02 12.55 -10 05.3 22.8	-0.95 - 1.8	7.9/23.9	16216
2003 BB ₅₃	2007 10 29.3	02 12.62 +52 44.1 19.2	-1.76 + 1.4	19.1/09.2	02143
2005 EW ₇₁	2007 10 29.3	02 12.63 +09 01.9 20.2	-0.97 - 3.7	1.5/28.3	26732
2003 UT ₂₇₄	2007 10 29.3	02 12.70 +16 09.1 19.0	-0.94 - 5.0	1.0/30.1	26687
2001 QV ₉₉	2007 10 29.3	02 12.72 -11 03.8 18.9	-0.70 -13.5	8.4/20.2	33916
2006 HU ₄₀	2007 10 29.3	02 12.75 -26 32.5 18.0	-1.14 +13.7	18.8/27.7	26761
2005 CK ₆	2007 10 29.3	02 12.76 +17 04.2 19.1	-1.01 - 4.9	1.5/30.4	26725
2001 GW	2007 10 29.3	02 12.80 +13 27.6 20.5	-0.97 - 3.8	0.0/29.4	03190
2001 RD ₁₇	2007 10 29.4	02 12.72 +40 26.3 18.6	-1.43 + 6.2	10.3/03.0	26596
2000 TK ₄₅	2007 10 29.4	02 12.73 +00 28.8 19.2	-1.04 - 1.6	5.8/26.5	26580
2003 YA ₁₁₄	2007 10 29.4	02 12.75 +26 30.2 17.5	-0.73 + 2.5	7.7/01.6	26701
2006 HS ₄₈	2007 10 29.4	02 12.75 +09 08.8 21.4	-1.02 - 3.7	1.6/28.4	01668
2005 GT ₉₉	2007 10 29.4	02 12.76 +14 36.5 19.9	-0.75 - 6.7	0.4/29.8	26743
2002 EB ₉₉	2007 10 29.4	02 12.77 +08 13.6 19.0	-0.95 - 7.9	2.0/27.9	26615
2006 HT ₅	2007 10 29.4	02 12.79 -02 04.1 20.7	-0.83 - 6.0	4.7/25.0	12919
2003 SR ₄	2007 10 29.4	02 12.80 +08 22.9 19.9	-1.01 - 3.6	2.1/28.2	26666
2006 KU ₁₀₈	2007 10 29.4	02 12.81 +14 30.2 21.0	-0.99 - 4.9	0.4/29.7	01839
2000 AO ₂₁	2007 10 29.4	02 12.81 +08 06.3 17.7	-0.94 - 1.5	2.4/28.2	26565
2006 GM ₄₉	2007 10 29.4	02 12.83 +29 56.7 19.7	-1.10 - 3.0	5.4/02.9	26759
2001 TS ₂₅₃	2007 10 29.4	02 12.86 +03 43.7 20.4	-0.73 - 3.8	2.6/26.7	26602
2002 GV ₁₃₂	2007 10 29.4	02 12.86 +14 26.1 19.6	-1.00 - 6.3	0.4/29.7	77593
2005 JP ₈₀	2007 10 29.4	02 12.92 -01 52.4 21.6	-0.71 - 6.0	3.9/24.8	09242
2001 FL ₁₆₇	2007 10 29.4	02 12.93 +04 27.5 20.9	-0.85 - 4.8	2.5/27.0	26590
2003 SA ₄₆	2007 10 29.4	02 12.93 +12 43.2 19.1	-1.02 - 3.1	0.3/29.3	26667
2003 WS ₁₁₇	2007 10 29.4	02 12.96 +20 01.3 19.2	-0.93 - 4.9	2.5/31.3	26694
2005 JN ₂	2007 10 29.4	02 12.97 +09 35.8 21.2	-0.74 - 6.5	1.0/28.3	22790
2002 GX ₁₀₃	2007 10 29.4	02 12.98 +17 23.9 21.1	-1.06 - 3.1	1.4/30.4	02095
2005 BM ₂₉	2007 10 29.4	02 13.04 +17 14.2 19.9	-1.02 - 4.7	1.5/30.5	26725
2002 TG ₃₄₅	2007 10 29.4	02 13.08 +07 18.2 20.8	-0.95 - 0.5	1.9/28.1	75756
2003 WA ₁₈₉	2007 10 29.4	02 13.08 -05 28.7 18.5	-0.66 -12.4	8.4/22.2	25972
2000 HN ₁₉	2007 10 29.4	02 13.08 +10 04.6 20.2	-0.73 -10.8	1.0/28.4	25801
2001 QT ₁₂₈	2007 10 29.4	02 13.09 -06 20.9 19.5	-0.70 - 7.9	6.7/23.1	26594
2004 XN ₄	2007 10 29.4	02 13.13 +21 49.1 18.6	-1.07 - 7.6	3.9/01.0	26717
2001 RQ ₁₁₂	2007 10 29.4	02 13.14 +34 46.1 19.8	-1.11 + 1.9	8.2/03.4	02040
2002 GV ₄₀	2007 10 29.4	02 13.14 +16 23.0 21.0	-1.01 - 4.9	1.0/30.3	87537
2004 CK ₃₂	2007 10 29.4	02 13.14 -09 01.4 21.7	-0.76 - 4.5	6.1/22.7	97698
2005 EA ₁	2007 10 29.4	02 13.16 +18 21.1 20.8	-1.07 - 3.5	2.0/30.7	89626

2003 UM ₁₆₈	2007 10 29.4	02 13.16 +21 22.4 18.2	-1.17 + 0.2	3.0/31.2	26683
2005 EU ₂₃	2007 10 29.5	02 13.10 +10 51.4 18.7	-0.98 - 6.1	1.0/28.8	26730
2000 QE ₂₃₀	2007 10 29.5	02 13.12 -02 23.3 18.9	-0.94 - 3.7	7.4/25.4	26574
1999 UQ ₄₀	2007 10 29.5	02 13.14 +09 00.0 20.8	-0.92 - 5.2	1.5/28.3	26560
2001 FU ₁₀₁	2007 10 29.5	02 13.14 +11 26.8 20.5	-0.83 - 7.4	0.6/28.9	26589
1996 XO ₈	2007 10 29.5	02 13.18 +22 01.7 20.4	-1.07 - 4.0	3.2/01.0	26551
2002 LQ ₃	2007 10 29.5	02 13.19 -00 28.1 21.1	-0.94 - 3.2	4.3/26.1	10877
2003 RT ₇	2007 10 29.5	02 13.21 +04 39.2 19.2	-1.14 + 0.8	3.9/27.8	25917
2003 YW ₂₉	2007 10 29.5	02 13.22 +10 15.6 20.3	-0.86 - 3.3	0.9/28.7	26699
2004 CP ₈₅	2007 10 29.5	02 13.22 +33 38.0 19.8	-0.97 - 1.9	5.9/04.0	04295
2002 AH ₅	2007 10 29.5	02 13.25 +17 17.7 19.0	-1.12 - 3.6	1.6/30.5	26606
2005 JQ ₆₄	2007 10 29.5	02 13.26 +26 27.5 19.3	-0.89 - 8.7	4.5/02.7	26746
2006 MH ₆	2007 10 29.5	02 13.34 +54 38.9 20.1	-1.19 - 3.7	10.3/14.1	04378
2005 EK ₆₆	2007 10 29.5	02 13.36 -10 41.0 19.1	-0.91 - 3.3	8.4/22.8	26732
2005 GM ₇	2007 10 29.5	02 13.38 +02 08.8 19.7	-0.91 - 2.5	3.8/26.7	26741
2001 RC ₅₅	2007 10 29.5	02 13.38 +02 21.4 20.6	-0.74 - 5.6	3.1/26.3	26596
2003 ON ₂₀	2007 10 29.5	02 13.39 +08 17.7 19.8	-1.05 - 3.8	2.1/28.3	25908
2005 AA ₈₀	2007 10 29.5	02 13.41 +22 03.3 21.0	-1.00 - 3.9	2.9/01.0	76613
2005 GT ₁₃₈	2007 10 29.5	02 13.43 +12 10.9 19.3	-0.91 - 0.7	0.4/29.3	26051
1998 HE ₁₄₀	2007 10 29.5	02 13.44 +05 54.2 19.8	-0.99 - 3.3	2.7/27.7	26552
2004 BO ₇₉	2007 10 29.5	02 13.45 +16 45.3 19.1	-0.78 - 6.5	1.0/30.6	26706
2003 YV ₁₅₄	2007 10 29.5	02 13.45 -11 26.0 20.5	-0.79 - 1.9	6.3/22.7	87603
2001 SN ₁₈₆	2007 10 29.5	02 13.45 -00 58.1 20.0	-0.74 - 5.3	4.1/25.3	26599
2004 YC ₂₁	2007 10 29.5	02 13.49 +01 01.4 18.9	-0.94 - 3.5	5.7/26.4	26720
2002 XA ₅₈	2007 10 29.5	02 13.53 +02 25.6 19.6	-0.82 - 1.5	2.9/26.8	26654
2005 CE ₅₂	2007 10 29.5	02 13.54 +04 56.0 18.8	-0.89 - 7.8	3.8/27.0	26727
2002 CN ₂₂	2007 10 29.5	02 13.55 +08 58.8 20.3	-1.00 - 4.9	1.5/28.4	26608
2005 CF ₁₉	2007 10 29.6	02 13.50 +03 25.9 21.1	-0.88 - 5.2	3.1/26.8	26726
2001 SY ₉₀	2007 10 29.6	02 13.55 +24 12.6 20.9	-0.88 - 2.9	3.2/01.5	24335
1997 NP ₃	2007 10 29.6	02 13.56 +07 47.7 19.8	-0.85 - 4.8	1.8/28.1	26551
1998 SA ₃₄	2007 10 29.6	02 13.56 +34 36.9 18.7	-1.25 - 0.5	7.8/04.0	26553
2007 TT ₇₇	2007 10 29.6	02 13.58 +17 00.2 18.3	-0.87 - 8.4	1.7/30.7	26537
2003 YQ ₁₈₀	2007 10 29.6	02 13.59 +09 42.3 20.2	-0.85 - 5.0	1.3/28.6	08841
2002 RK ₁₅₅	2007 10 29.6	02 13.61 +13 41.7 19.6	-0.87 - 5.1	0.1/29.7	26637
2003 YT ₆₉	2007 10 29.6	02 13.63 +06 07.1 19.3	-0.89 - 5.5	3.0/27.6	26700
2004 XZ ₆₂	2007 10 29.6	02 13.64 +08 12.7 20.4	-1.06 - 3.8	2.1/28.4	26718
2004 BQ ₅₁	2007 10 29.6	02 13.65 -12 33.6 19.9	-0.73 - 3.3	7.1/22.1	26705
2004 DH ₅₀	2007 10 29.6	02 13.65 +29 24.6 19.9	-0.88 - 3.3	4.6/03.1	11034
2005 EL ₃₂₅	2007 10 29.6	02 13.66 +04 45.4 19.3	-0.98 - 0.5	3.0/27.7	26740
2005 EH ₁₅₄	2007 10 29.6	02 13.69 +25 00.4 20.2	-1.09 - 1.7	3.8/01.4	76919
2004 CE ₁₀₈	2007 10 29.6	02 13.69 +25 08.3 19.7	-0.84 - 3.3	3.3/01.9	24440
2002 TF ₈₈	2007 10 29.6	02 13.71 +17 59.9 18.8	-0.80 - 8.4	1.7/31.1	25884
2001 SZ ₃₀₈	2007 10 29.6	02 13.72 +09 20.3 19.9	-0.73 - 6.6	1.4/28.4	25836
2006 JF ₄₄	2007 10 29.6	02 13.73 +04 04.6 19.1	-1.07 + 0.2	4.3/27.7	26766
2001 BF ₃₆	2007 10 29.6	02 13.75 +11 30.3 19.1	-1.00 - 4.4	0.7/29.2	26586
2001 UC ₁₈₅	2007 10 29.6	02 13.77 +27 59.9 19.9	-1.01 - 0.6	4.5/02.2	26603
2002 RK ₁₇₀	2007 10 29.6	02 13.78 +18 12.3 18.4	-0.88 - 5.4	1.8/31.0	26637
2005 GH ₃₅	2007 10 29.6	02 13.80 +31 14.6 19.9	-1.10 - 1.7	5.9/03.1	26742
2003 SY ₃₂₁	2007 10 29.6	02 13.83 +17 49.2 18.4	-0.84 -10.6	1.6/31.1	26676
2006 JX ₃₁	2007 10 29.6	02 13.88 +08 08.1 20.4	-0.92 - 7.2	2.1/28.2	26765
2005 BO ₅	2007 10 29.6	02 13.89 +04 34.0 20.7	-0.92 - 5.2	2.9/27.3	26724

2005 JO ₄₆	2007 10 29.6	02 13.90 +11 04.2 21.0	-0.80 - 3.7	0.7/29.0	21819
2003 SA ₁₂₆	2007 10 29.6	02 13.92 +16 16.5 18.2	-1.05 - 1.7	1.2/30.3	26669
2004 XP ₉₉	2007 10 29.6	02 13.95 +10 20.4 18.5	-1.00 - 3.0	1.6/28.9	26718
2003 VL ₁₂	2007 10 29.6	02 13.96 +35 44.8 18.6	-0.99 - 7.8	8.6/06.1	26689
2004 EK ₈₁	2007 10 29.7	02 13.87 -06 13.7 19.6	-0.79 - 3.3	5.7/24.1	26712
2003 SV ₄₅	2007 10 29.7	02 13.87 +11 21.4 19.3	-1.02 - 3.1	0.9/29.2	26667
2006 JB ₅₈	2007 10 29.7	02 13.88 +03 19.9 20.1	-0.96 - 6.3	3.9/26.9	22818
1999 FZ ₁₉	2007 10 29.7	02 14.01 +08 10.8 19.5	-0.75 - 5.5	1.6/28.2	26555
2003 WD ₅₄	2007 10 29.7	02 14.06 +13 59.8 19.6	-1.07 + 1.0	0.2/29.8	25961
2000 JS ₄₁	2007 10 29.7	02 14.08 +10 10.1 19.5	-0.88 - 1.6	1.0/28.9	26571
2001 NB ₁₄	2007 10 29.7	02 14.08 +23 39.5 20.5	-0.89 - 3.5	2.9/01.5	24329
2004 CT ₆₃	2007 10 29.7	02 14.21 +25 06.3 21.4	-0.91 - 1.6	3.0/01.7	77775
2005 GP ₁₅₄	2007 10 29.7	02 14.23 +05 15.4 20.5	-0.76 - 4.3	2.3/27.5	11095
2003 NJ ₁	2007 10 29.7	02 14.32 +00 41.0 17.2	-1.04 + 6.3	7.2/28.0	25908
2005 JQ ₂₈	2007 10 29.7	02 14.32 +05 05.2 19.2	-0.78 - 8.5	2.9/27.1	26746
2005 GS ₁₆₈	2007 10 29.8	02 14.26 +12 08.5 19.6	-0.92 - 6.2	0.5/29.4	26745
2002 JN ₂₃	2007 10 29.8	02 14.28 +09 29.5 20.5	-0.93 - 6.7	1.4/28.7	26621
2007 MA ₂₄	2007 10 29.8	02 14.30 -00 43.8 16.8	-0.49 -17.8	6.1/23.8	26775
1999 RN ₈	2007 10 29.8	02 14.31 +15 45.8 20.0	-0.96 - 4.7	1.0/30.4	26556
2005 EJ ₆₆	2007 10 29.8	02 14.35 -10 59.3 20.6	-0.77 - 3.4	6.3/22.9	77826
2006 GW ₃₈	2007 10 29.8	02 14.36 +19 41.0 19.1	-1.16 - 3.6	2.6/31.3	26759
2003 WT ₁₅₄	2007 10 29.8	02 14.38 +09 28.4 19.4	-0.97 - 2.3	1.4/28.9	26695
2001 QX ₂₇₃	2007 10 29.8	02 14.38 -28 22.1 19.0	-0.77 - 3.1	12.5/15.9	26595
2006 GY ₂₁	2007 10 29.8	02 14.40 +07 43.1 19.4	-0.97 - 3.7	2.5/28.4	26758
2006 HD ₅₇	2007 10 29.8	02 14.49 +09 45.2 20.4	-0.88 - 8.2	1.2/28.7	01676
2003 YW ₁₅	2007 10 29.8	02 14.51 -04 48.4 19.2	-0.94 - 1.0	6.6/25.3	26698
2003 AQ ₇₂	2007 10 29.8	02 14.59 +44 54.0 19.4	-1.97 + 6.1	14.9/03.8	02143
2003 RW ₇	2007 10 29.8	02 14.61 +00 08.1 18.5	-0.89 -22.6	5.7/24.8	26665
2002 CT ₂₆₇	2007 10 29.8	02 14.65 +02 15.0 19.1	-0.65 - 3.5	3.1/26.7	26612
2004 CU ₉₄	2007 10 29.8	02 14.65 +12 49.5 19.9	-0.80 - 4.9	0.2/29.7	26709
2005 EQ ₁₅₁	2007 10 29.8	02 14.66 +13 33.9 19.1	-0.87 - 2.2	0.0/29.9	26735
2004 EK ₄	2007 10 29.8	02 14.69 +10 38.8 20.0	-0.89 - 1.3	0.8/29.2	66340
2000 TU ₄₈	2007 10 29.8	02 14.69 +25 41.7 17.3	-2.02 +18.2	6.7/30.1	26580
2001 SC ₁₄₀	2007 10 29.8	02 14.70 +24 39.6 20.0	-0.91 - 1.9	2.9/01.8	24335
2004 BF ₁₄	2007 10 29.8	02 14.72 +21 27.1 19.6	-0.86 - 6.5	2.6/01.2	26704
2000 SD ₃₆₄	2007 10 29.8	02 14.72 +07 38.4 20.0	-1.13 - 2.8	2.6/28.6	26579
2006 KW ₅₄	2007 10 29.8	02 14.73 +04 26.0 19.5	-0.91 - 2.4	4.0/27.7	26768
2003 WU ₇₉	2007 10 29.9	02 14.65 +10 31.5 18.3	-1.11 + 1.0	1.2/29.3	26692
2001 QQ ₂₃₁	2007 10 29.9	02 14.68 +07 52.7 19.7	-0.73 - 7.7	1.8/28.2	26595
2002 JK ₁₀₄	2007 10 29.9	02 14.71 +07 58.9 20.2	-0.97 - 4.6	1.9/28.5	26623
2005 CN ₂	2007 10 29.9	02 14.73 +16 48.4 20.7	-0.98 - 4.4	1.1/30.8	26725
2001 FC ₂₂	2007 10 29.9	02 14.73 +08 34.4 20.1	-0.93 - 2.9	1.5/28.7	26589
2003 QX ₄₃	2007 10 29.9	02 14.75 +15 48.9 19.9	-1.04 - 4.4	0.9/30.5	26662
2006 KE ₁₀₇	2007 10 29.9	02 14.82 +16 17.2 19.7	-0.98 - 5.8	1.1/30.7	26769
2002 VH ₂₂	2007 10 29.9	02 14.88 +19 30.5 18.8	-0.80 - 7.0	1.9/31.8	26649
2004 EL ₄₆	2007 10 29.9	02 14.91 +07 19.7 20.4	-0.83 - 3.3	1.9/28.3	62527
2003 YC ₅₃	2007 10 29.9	02 14.91 +16 14.1 19.2	-0.90 - 6.0	1.0/30.7	26699
2003 UV ₁₉₀	2007 10 29.9	02 14.98 +06 31.5 19.0	-1.04 + 1.8	3.4/28.6	26684
2003 SH ₃₃	2007 10 29.9	02 14.99 +18 15.4 20.8	-1.08 - 2.8	1.8/31.1	25921
2005 EF ₁₅₁	2007 10 29.9	02 15.00 +06 17.9 20.5	-0.88 - 4.9	2.5/28.0	26735
2000 EH ₈₉	2007 10 29.9	02 15.03 -01 36.1 19.8	-0.82 - 4.1	4.6/25.8	10730

2002 EE ₈₀	2007 10 29.9	02 15.04 +19 12.2 20.0	-1.11 - 3.2	2.2/31.3	26614
2004 XM ₁₄₅	2007 10 29.9	02 15.08 +51 00.2 19.6	-1.36 - 5.3	13.5/11.3	77795
2006 HT ₇₅	2007 10 29.9	02 15.11 -03 36.2 20.9	-0.93 - 3.2	6.5/25.6	22548
2001 PV ₇	2007 10 30.0	02 15.08 +09 24.2 19.2	-0.89 - 1.3	1.3/29.0	26592
2005 BN ₂₄	2007 10 30.0	02 15.11 +14 51.4 19.4	-1.00 - 4.5	0.5/30.4	26724
2002 GP ₁₇₄	2007 10 30.0	02 15.11 +04 31.5 20.3	-0.97 - 5.1	3.3/27.6	26620
2005 EV ₄₆	2007 10 30.0	02 15.12 -03 07.2 19.7	-0.83 - 7.9	5.8/24.8	26731
2003 QA ₂₆	2007 10 30.0	02 15.13 +23 32.0 19.6	-1.07 - 4.5	4.0/01.7	26661
2003 WU ₁₂₆	2007 10 30.0	02 15.13 -02 02.5 18.6	-1.11 + 4.8	7.4/27.3	58070
2005 JM ₁₄₈	2007 10 30.0	02 15.13 +07 16.0 20.9	-0.72 - 6.0	1.5/28.1	26058
2004 BN ₁₀₉	2007 10 30.0	02 15.14 +31 04.2 20.6	-0.90 - 1.6	4.2/03.6	08879
2002 XB ₂₁	2007 10 30.0	02 15.16 +17 59.0 19.4	-0.85 - 4.3	1.5/31.2	26653
2003 UY ₁₄₄	2007 10 30.0	02 15.18 +10 33.9 18.2	-1.05 + 0.8	1.3/29.4	26682
2003 RZ ₂₂	2007 10 30.0	02 15.19 +10 58.7 19.3	-0.97 - 3.3	1.2/29.4	25919
2003 YE ₇₂	2007 10 30.0	02 15.23 +07 05.3 19.5	-0.93 - 2.3	2.3/28.5	26700
2004 BQ ₁₃₉	2007 10 30.0	02 15.24 +02 39.9 20.5	-0.76 - 3.6	3.0/27.1	26707
2007 TM ₇₉	2007 10 30.0	02 15.24 +15 52.3 19.3	-1.00 - 5.4	1.1/30.7	26537
2000 DX ₂₄	2007 10 30.0	02 15.25 -06 32.7 19.9	-0.80 - 5.7	6.4/24.0	74733
2003 SE ₅₇	2007 10 30.0	02 15.27 +13 18.5 19.5	-0.94 - 6.1	0.1/30.0	25922
2005 ED ₃₈	2007 10 30.0	02 15.27 +06 26.2 20.4	-0.83 - 6.8	2.2/28.0	77823
2006 KG ₆₅	2007 10 30.0	02 15.29 -05 23.4 20.1	-0.88 - 4.4	6.5/25.0	01821
2003 WU ₁₀₂	2007 10 30.0	02 15.33 +33 58.2 19.1	-1.23 + 0.9	8.4/03.7	26693
2005 JG ₆₅	2007 10 30.0	02 15.34 +25 25.8 20.4	-0.93 - 6.4	3.8/02.5	77225
2004 ER ₇₅	2007 10 30.0	02 15.34 +23 14.1 20.5	-0.96 - 0.5	2.8/01.3	26712
2002 PK ₁₂₄	2007 10 30.0	02 15.35 +07 59.9 19.9	-0.85 - 5.8	2.0/28.5	26629
2003 QP ₄₈	2007 10 30.0	02 15.38 +15 43.3 19.7	-1.03 - 4.6	0.9/30.6	26662
2006 JT ₄₃	2007 10 30.0	02 15.43 +05 02.5 20.2	-0.92 - 4.6	3.1/27.8	01766
2004 CY ₈₈	2007 10 30.0	02 15.43 +04 53.2 21.3	-0.76 - 2.9	2.3/27.8	26709
2000 WL ₉₆	2007 10 30.0	02 15.48 +10 55.1 19.0	-1.00 - 4.8	1.2/29.4	26583
2003 UC ₈₉	2007 10 30.0	02 15.48 +15 04.2 21.1	-0.86 -10.1	0.5/30.6	86136
2001 SS ₃	2007 10 30.1	02 15.43 +03 24.2 19.1	-0.77 - 4.3	3.6/27.3	26597
1999 KS ₁₀	2007 10 30.1	02 15.43 +03 47.7 19.6	-1.04 - 3.6	3.7/27.7	26556
2002 RU ₂₂₀	2007 10 30.1	02 15.44 +14 36.8 20.2	-0.93 - 3.1	0.3/30.4	26638
1999 CG ₄₃	2007 10 30.1	02 15.48 +11 07.2 19.9	-0.79 - 3.6	0.7/29.4	26555
2003 WN ₁₂	2007 10 30.1	02 15.50 +56 27.1 18.5	-1.90 + 6.8	17.3/06.9	57252
2003 XB ₁₀	2007 10 30.1	02 15.50 +15 28.5 19.2	-1.11 + 0.3	0.7/30.5	26697
2006 ES ₇₁	2007 10 30.1	02 15.54 -10 23.7 19.5	-1.00 + 1.2	9.7/25.0	09539
1998 QJ ₈₉	2007 10 30.1	02 15.61 +28 16.9 18.2	-0.77 -11.4	6.5/04.5	84453
2004 CA ₆₇	2007 10 30.1	02 15.62 +00 54.7 20.1	-0.81 - 2.3	3.8/26.9	26708
2002 YE ₁₀	2007 10 30.1	02 15.65 +19 04.6 18.5	-0.82 - 4.6	2.0/31.7	25903
2003 UY ₁₉₅	2007 10 30.1	02 15.66 +07 17.0 18.6	-0.95 - 2.6	2.6/28.6	26684
2005 GW ₄₁	2007 10 30.1	02 15.67 +09 57.2 20.1	-0.94 - 5.6	1.3/29.2	26044
2006 OR ₁₉	2007 10 30.1	02 15.68 +12 44.6 19.4	-0.90 - 1.1	0.3/30.0	26771
2005 GS ₉₂	2007 10 30.1	02 15.68 +10 26.8 20.9	-0.76 - 3.9	0.8/29.3	26743
2005 EU ₃₃	2007 10 30.1	02 15.69 -03 21.8 21.8	-0.72 - 3.4	3.8/25.4	04317
2003 SM ₂₇₃	2007 10 30.1	02 15.70 +26 10.1 17.3	-0.82 - 1.0	6.8/02.4	26674
2003 VL ₁₁	2007 10 30.1	02 15.70 +14 42.0 18.3	-0.84 - 6.5	0.5/30.5	26689
2006 MS ₃	2007 10 30.1	02 15.71 +10 13.4 20.8	-1.00 - 6.2	1.2/29.2	26182
2002 GZ ₁₆₄	2007 10 30.1	02 15.76 +11 21.7 20.7	-0.96 - 5.5	0.8/29.6	89281
2003 SQ ₂₉	2007 10 30.1	02 15.78 +21 13.2 19.1	-0.95 - 6.3	3.3/01.4	25920
2005 GM ₁₂	2007 10 30.1	02 15.80 +14 31.1 19.2	-0.96 - 1.8	0.3/30.4	26741

2003 YS ₁₄₆	2007 10 30.1	02 15.81 -01 12.2 19.4	-0.82 - 2.2	4.1/26.3	26702
2001 SA ₂₁₈	2007 10 30.1	02 15.82 -01 19.7 19.8	-0.70 - 7.2	4.5/25.5	26599
2001 RM ₁₄₆	2007 10 30.1	02 15.84 +17 26.0 18.6	-0.77 - 8.9	1.2/31.4	26597
2000 SE ₆₃	2007 10 30.1	02 15.85 +12 34.5 17.3	-0.92 - 0.6	0.6/30.0	26576
2000 QV ₂₀₀	2007 10 30.1	02 15.86 +24 25.3 18.3	-1.19 - 1.1	5.2/01.7	26574
2002 GN ₁₀₉	2007 10 30.2	02 15.84 +04 54.2 20.9	-1.03 - 2.7	3.0/28.1	26619
2003 QR ₄₄	2007 10 30.2	02 15.89 +15 25.6 19.4	-1.01 - 5.8	0.8/30.7	26662
2005 GZ ₁₈₉	2007 10 30.2	02 15.92 +11 47.8 17.6	-0.96 - 4.8	0.6/29.7	87668
2006 OR ₈	2007 10 30.2	02 15.93 +26 49.0 19.3	-0.85 - 4.1	4.2/03.0	26771
2005 EF ₁₄	2007 10 30.2	02 15.95 -21 16.8 19.3	-0.83 -12.2	14.3/15.3	77818
2003 BT ₄₉	2007 10 30.2	02 15.98 +49 08.0 20.3	-1.63 - 2.0	15.9/09.3	43498
2006 GD ₄₁	2007 10 30.2	02 16.04 -04 49.8 21.2	-0.87 - 5.3	5.7/25.2	01594
2007 RK ₃₇	2007 10 30.2	02 16.08 +10 17.7 17.9	-0.82 - 7.4	1.7/29.3	26375
2005 ES ₈₄	2007 10 30.2	02 16.09 +11 20.9 20.1	-1.02 - 4.3	0.9/29.7	26032
1995 FS ₈	2007 10 30.2	02 16.09 +10 58.5 19.6	-1.08 - 3.1	1.0/29.6	26549
2003 BV ₂₁	2007 10 30.2	02 16.10 -32 44.7 19.3	-0.96 - 4.4	21.2/12.0	26656
2003 QM ₁₃	2007 10 30.2	02 16.13 +24 53.3 19.5	-1.21 - 2.0	4.1/01.9	26661
2004 EO ₂₆	2007 10 30.2	02 16.17 +04 11.8 20.5	-0.73 - 5.6	2.7/27.5	26711
2005 EA ₂₁₀	2007 10 30.2	02 16.19 -08 29.8 20.3	-0.72 - 7.7	6.2/23.2	76963
2003 YF ₄₃	2007 10 30.2	02 16.22 +04 10.7 19.5	-0.88 - 3.5	4.1/27.8	26699
2003 WZ ₅₅	2007 10 30.2	02 16.23 +14 27.5 18.2	-0.97 + 0.8	0.4/30.5	25961
2006 GG ₄₁	2007 10 30.2	02 16.28 +10 51.8 18.9	-1.01 - 7.5	1.2/29.5	26759
2003 SN ₉₁	2007 10 30.2	02 16.30 +20 18.4 19.1	-1.07 - 2.9	2.5/31.9	26668
2003 AK ₆₆	2007 10 30.3	02 16.21 +41 56.1 19.3	-1.05 - 1.6	8.8/07.3	10958
2002 YB ₂₂	2007 10 30.3	02 16.22 +10 07.7 18.9	-0.81 - 3.5	1.2/29.4	26655
2002 EU ₄₆	2007 10 30.3	02 16.25 +03 53.3 19.9	-0.99 - 4.2	3.5/27.8	26614
2005 EZ ₁₄₁	2007 10 30.3	02 16.26 -00 22.3 19.8	-0.84 - 8.2	4.7/26.0	26735
2002 CS ₇₆	2007 10 30.3	02 16.33 +11 49.8 20.6	-1.07 - 5.3	0.7/29.9	26609
1997 TY ₂₂	2007 10 30.3	02 16.39 +16 12.2 20.9	-0.83 - 3.9	0.7/31.0	19297
2004 FA ₉₂	2007 10 30.3	02 16.40 +16 11.4 19.0	-0.97 + 0.8	0.8/30.9	26712
2005 EC ₄₇	2007 10 30.3	02 16.41 +05 32.9 21.0	-0.87 - 6.3	2.7/28.0	97780
2006 DX ₁₇₃	2007 10 30.3	02 16.45 +04 06.4 20.6	-1.04 - 6.0	3.6/27.8	09529
2002 JP ₂	2007 10 30.3	02 16.46 -22 40.0 21.0	-0.89 - 5.0	10.6/19.8	18010
2004 CQ ₂₉	2007 10 30.3	02 16.46 +13 18.5 20.7	-0.84 - 4.5	0.1/30.3	26708
2001 SB ₂₉₀	2007 10 30.3	02 16.55 +25 04.5 18.7	-0.78 - 7.9	3.9/03.1	25836
2003 UX ₇₅	2007 10 30.3	02 16.61 +25 43.9 20.4	-1.14 - 1.9	4.3/02.3	24415
2005 EL ₁₂₁	2007 10 30.3	02 16.61 +19 34.0 21.0	-0.98 - 3.7	1.9/31.9	76886
2003 SC ₃₂₆	2007 10 30.3	02 16.63 +16 22.0 21.1	-1.03 - 4.7	0.9/31.1	26676
2002 XB ₂₂	2007 10 30.3	02 16.64 -28 39.9 19.7	-1.35 + 3.6	18.3/20.5	02141
2001 QQ ₂₀	2007 10 30.3	02 16.64 -04 33.6 18.0	-0.65 - 8.8	6.9/24.2	26593
2002 RW ₁₇₇	2007 10 30.3	02 16.65 +33 52.0 20.0	-1.12 - 1.6	6.8/04.7	85610
2001 OB ₄₃	2007 10 30.4	02 16.63 +27 12.2 19.3	-0.83 - 4.8	4.0/03.4	04152
2002 VR ₁₂₆	2007 10 30.4	02 16.63 -07 12.1 19.7	-0.99 + 1.3	6.2/25.8	61620
2002 PV ₁₄₁	2007 10 30.4	02 16.63 +57 30.1 20.1	-1.55 - 1.1	13.4/13.7	10889
2003 YC ₅₄	2007 10 30.4	02 16.64 +06 12.9 18.7	-0.90 - 2.6	3.5/28.6	26699
2004 CZ ₆₄	2007 10 30.4	02 16.65 +10 07.8 20.2	-0.84 - 2.8	1.1/29.5	26708
2001 FU ₁₅₈	2007 10 30.4	02 16.71 +04 12.5 21.0	-0.81 - 6.9	2.7/27.6	26590
2004 CD ₅₈	2007 10 30.4	02 16.74 -03 42.0 21.6	-0.76 - 2.2	4.2/25.8	04294
2005 AK ₃₆	2007 10 30.4	02 16.82 +08 29.5 19.8	-1.00 - 6.9	2.1/29.0	26018
2005 BN ₄₈	2007 10 30.4	02 16.85 +11 22.2 19.4	-0.99 - 6.1	1.0/29.8	26725
2004 CR ₉₇	2007 10 30.4	02 16.86 +14 35.6 20.0	-0.91 - 2.0	0.3/30.7	26709

2005 JG ₁₀₂	2007 10 30.4	02 16.87 -00 13.2 20.1	-0.75 - 3.6	3.9/26.6	03702
2002 QF ₇₇	2007 10 30.4	02 16.90 +11 48.3 19.8	-0.88 - 4.4	0.7/30.0	26632
2006 GV ₄	2007 10 30.4	02 16.96 +10 29.4 20.1	-1.07 - 3.7	1.2/29.7	26758
2005 GP ₁₅₇	2007 10 30.4	02 16.97 -04 37.4 20.0	-0.90 - 3.5	6.2/25.5	26744
2003 MB ₁₃	2007 10 30.4	02 16.97 +20 57.8 19.3	-1.06 - 6.6	3.0/01.5	25908
2003 YV ₃₅	2007 10 30.4	02 17.01 -04 24.7 18.3	-0.94 - 1.4	7.3/25.9	26699
2001 FE ₄₃	2007 10 30.4	02 17.01 +19 44.0 20.6	-0.93 - 3.8	1.8/01.1	26589
2003 QG ₂₃	2007 10 30.4	02 17.03 +07 36.2 18.4	-0.86 - 8.1	2.7/28.7	26661
2002 RS ₉₀	2007 10 30.4	02 17.08 +31 04.6 19.5	-1.09 - 0.7	6.1/03.7	26635
2002 RA ₁₅₈	2007 10 30.5	02 16.99 +25 06.9 19.2	-0.99 - 2.6	4.3/02.3	26637
2001 RX ₂₁	2007 10 30.5	02 16.99 +45 13.3 19.9	-1.20 - 0.2	10.1/08.4	60939
1999 JS ₁₂₆	2007 10 30.5	02 17.01 -00 04.6 20.7	-0.77 - 1.9	3.3/27.0	62242
2003 UY ₁₄₇	2007 10 30.5	02 17.05 +04 16.0 19.8	-0.87 - 4.1	4.4/27.9	25943
2004 EC ₄₀	2007 10 30.5	02 17.08 -13 53.1 19.7	-0.74 - 5.6	7.9/21.5	14095
2005 EX ₈₅	2007 10 30.5	02 17.08 +00 37.9 19.7	-0.90 - 4.7	4.5/27.0	02246
2002 AX ₈₉	2007 10 30.5	02 17.10 +44 16.3 19.2	-1.28 - 5.0	9.9/08.9	02063
2001 TC ₂₂₆	2007 10 30.5	02 17.13 -09 17.5 18.2	-0.74 - 2.7	8.6/24.1	26602
2006 HG ₅₇	2007 10 30.5	02 17.13 +10 18.9 20.4	-1.02 - 3.9	1.3/29.7	26158
2005 FU ₇	2007 10 30.5	02 17.13 +31 31.8 18.3	-2.03 +18.0	9.6/30.6	26740
2004 XO ₁₀₁	2007 10 30.5	02 17.16 +07 30.4 19.1	-1.07 - 2.4	2.8/29.1	26012
2002 QL ₂₉	2007 10 30.5	02 17.17 +18 23.4 19.3	-0.98 - 2.7	1.7/31.7	26631
2005 AP ₂₆	2007 10 30.5	02 17.17 +15 45.2 17.8	-0.95 - 8.3	12.1/21.0	26722
2003 YD ₁₇₂	2007 10 30.5	02 17.27 +15 10.5 19.5	-0.93 - 3.0	0.5/30.9	25985
2005 BZ ₁₂	2007 10 30.5	02 17.29 +24 40.7 20.3	-1.06 - 4.8	3.9/02.5	26021
2006 KM ₂₃	2007 10 30.5	02 17.33 +17 25.0 20.1	-1.04 - 5.8	1.4/31.6	26767
2005 EG ₁₅₂	2007 10 30.5	02 17.39 +12 24.6 19.7	-0.99 - 3.3	0.5/30.3	26034
1996 FY ₅	2007 10 30.5	02 17.41 -05 51.4 20.3	-0.81 - 5.8	6.3/24.8	26550
2005 EQ ₁₇₆	2007 10 30.5	02 17.44 +15 40.1 19.4	-1.01 - 4.0	0.8/31.1	26736
2006 FR ₂	2007 10 30.5	02 17.44 +14 40.2 18.7	-1.13 - 2.3	0.4/30.8	26756
2005 EX ₃₁₅	2007 10 30.5	02 17.46 +36 40.9 19.1	-1.39 + 4.7	10.6/03.9	11089
2003 YJ ₁₇₀	2007 10 30.6	02 17.44 +20 59.1 19.9	-0.91 - 3.5	2.3/01.5	26703
2002 GZ ₄₆	2007 10 30.6	02 17.45 +10 49.5 20.2	-1.00 - 6.0	1.1/29.8	26617
2005 EX ₁₃₂	2007 10 30.6	02 17.47 +13 10.6 20.2	-0.96 - 6.0	0.2/30.5	26734
2006 GR ₄₁	2007 10 30.6	02 17.48 +02 28.0 19.1	-1.81 +10.2	5.8/29.7	26151
2003 UO ₈₆	2007 10 30.6	02 17.49 +04 28.0 18.7	-0.83 - 9.9	3.4/27.7	26680
2003 SH ₂₉₃	2007 10 30.6	02 17.54 +20 12.1 19.6	-1.00 - 6.1	2.4/01.4	26675
2004 DG ₃₅	2007 10 30.6	02 17.55 +24 55.1 19.9	-0.84 - 4.9	3.4/02.8	26710
2006 HO ₅₉	2007 10 30.6	02 17.64 -31 42.3 21.8	-0.94 - 1.8	12.9/17.8	02327
2004 BM ₁₅₅	2007 10 30.6	02 17.68 +06 59.7 20.2	-0.83 - 5.1	2.4/28.8	77774
2006 HC ₄₇	2007 10 30.6	02 17.69 +09 31.5 20.4	-1.01 - 5.5	1.6/29.6	22816
2002 ER ₁₅₅	2007 10 30.6	02 17.69 +08 06.8 20.7	-1.01 - 4.8	2.1/29.2	14659
2002 CV ₂₂	2007 10 30.6	02 17.69 +28 32.7 19.1	-1.15 - 3.6	6.8/03.4	26608
2005 GP ₅₇	2007 10 30.6	02 17.70 +09 51.1 19.5	-0.91 - 5.6	1.4/29.6	26742
1999 VF ₁₂	2007 10 30.6	02 17.72 +09 47.5 18.8	-1.74 + 7.6	1.9/30.2	26560
2002 VB ₁₃₆	2007 10 30.6	02 17.74 +15 25.8 19.4	-0.89 - 2.2	0.6/31.1	25896
2000 SK ₁₁	2007 10 30.6	02 17.75 -08 29.7 19.4	-0.92 -10.6	8.0/23.5	26575
2005 ED ₂₅₄	2007 10 30.6	02 17.84 +39 46.8 19.2	-1.23 - 1.7	10.8/07.3	86666
2001 PR ₁₀	2007 10 30.7	02 17.79 -17 21.2 18.1	-0.71 - 0.8	13.3/21.2	26592
2005 JN ₉₃	2007 10 30.7	02 17.82 +19 37.6 20.1	-0.80 - 6.5	1.7/01.5	26747
2003 SA ₇₂	2007 10 30.7	02 17.83 +30 37.2 19.5	-1.14 - 2.3	7.1/04.0	26668
2002 SD ₄₃	2007 10 30.7	02 17.84 +01 04.4 18.6	-0.67 -14.9	4.9/26.0	26640

2003 YS ₁₃	2007 10 30.7	02 17.85 +36 24.1 19.1	-1.04 - 3.6	8.4/06.1	62458	2002 QV ₇₈	2007 10 30.9	02 18.70 +15 47.8 20.0	-0.91 - 4.5	0.7/31.5	25866
2000 EH ₁₀₄	2007 10 30.7	02 17.90 +11 58.2 22.9	-0.88 - 3.7	0.5/30.3	728	2006 KH ₁₀₇	2007 10 30.9	02 18.75 +13 19.9 20.0	-1.14 - 1.7	0.2/30.8	26180
2003 OO ₆	2007 10 30.7	02 17.90 +04 34.3 20.3	-1.03 - 3.7	3.4/28.5	26659	2006 HG ₁₅	2007 10 30.9	02 18.77 +13 59.2 20.3	-1.17 - 2.2	0.1/31.0	26154
2001 DK ₆	2007 10 30.7	02 17.91 +17 33.6 18.3	-1.10 - 1.4	1.6/31.6	26587	1999 TH ₂₂₆	2007 10 30.9	02 18.77 +18 07.8 19.9	-1.00 - 4.8	1.6/01.1	26559
2001 SM ₉₁	2007 10 30.7	02 17.95 +19 19.2 19.6	-0.82 - 4.4	1.9/01.3	48092	2003 OF ₄	2007 10 30.9	02 18.79 +16 25.7 18.0	-0.89 - 6.5	1.2/31.7	26659
2003 SR ₃₃₃	2007 10 30.7	02 17.96 +16 00.3 19.3	-0.96 - 3.0	1.0/31.3	26676	2001 QQ ₉₂	2007 10 30.9	02 18.79 +16 33.6 19.7	-0.91 - 1.6	0.9/31.6	25825
2002 VD ₁₅	2007 10 30.7	02 18.04 +19 55.4 18.1	-1.02 -25.4	2.8/02.1	26649	2003 SV ₂₅₁	2007 10 30.9	02 18.81 +11 27.4 17.7	-0.96 + 0.3	1.2/30.4	26673
2000 RS ₉₆	2007 10 30.7	02 18.04 +20 32.5 17.8	-0.76 - 5.8	3.7/01.8	25804	2001 RJ ₂₄	2007 10 30.9	02 18.82 +00 10.8 19.6	-0.74 - 5.2	4.3/27.0	26596
2004 CA ₆₈	2007 10 30.7	02 18.07 +12 43.6 19.8	-0.81 - 2.8	0.3/30.5	26708	2005 EA ₃₇	2007 10 30.9	02 18.85 +02 19.3 20.4	-0.79 - 6.4	3.3/27.6	26731
2006 GE ₃₁	2007 10 30.7	02 18.07 +10 16.6 20.3	-0.92 - 8.1	1.4/29.7	26758	2003 UV ₈₀	2007 10 30.9	02 18.87 -02 29.6 19.5	-0.90 - 3.5	7.1/26.9	25939
2005 JE ₁₇₆	2007 10 30.7	02 18.08 -04 33.5 20.7	-0.71 - 5.2	4.8/25.3	19183	2005 AT ₆	2007 10 30.9	02 18.87 +21 25.2 19.3	-1.11 - 2.7	3.0/01.8	26721
2004 BO ₅₀	2007 10 30.7	02 18.10 +09 17.3 19.9	-0.87 - 4.6	1.6/29.5	25988	2006 OW ₆	2007 10 30.9	02 18.89 +22 57.0 20.2	-0.79 - 6.2	2.8/02.7	24498
2005 GU ₂₄	2007 10 30.7	02 18.11 +09 59.1 19.8	-0.84 - 6.5	1.3/29.7	26741	2004 FR ₁₄₇	2007 10 30.9	02 18.92 +25 51.5 20.3	-0.88 - 4.9	3.7/03.3	65677
2002 JK	2007 10 30.7	02 18.12 +04 42.3 19.9	-1.26 + 2.4	3.2/29.2	26620	2002 VW ₉₆	2007 10 30.9	02 18.95 +01 13.6 19.7	-0.91 - 0.5	4.3/28.1	26651
2001 AA ₁₃	2007 10 30.7	02 18.12 +22 35.7 19.8	-1.03 - 5.3	3.6/02.1	26585	2000 AS ₂₈	2007 10 30.9	02 18.98 -00 43.1 17.9	-0.91 0.0	6.9/27.6	26565
2000 SB ₉₈	2007 10 30.7	02 18.12 +18 55.8 18.7	-0.96 - 5.4	2.5/01.2	26577	2006 KP ₃₂	2007 10 30.9	02 18.99 +11 47.0 19.3	-0.91 - 5.4	0.9/30.4	26768
2004 HD ₃₉	2007 10 30.7	02 18.13 +23 02.8 19.3	-0.78 - 8.4	2.3/02.7	26713	1996 DJ	2007 10 30.9	02 19.06 +56 25.9 19.5	-1.51 - 2.4	12.4/12.3	87332
2003 SE ₂₀₈	2007 10 30.7	02 18.18 +14 18.2 19.1	-0.94 - 8.3	0.2/30.9	26672	2006 HW ₆₀	2007 10 31.0	02 18.97 +12 29.5 19.5	-1.07 - 5.3	0.6/30.7	26762
2000 WO ₂₂	2007 10 30.7	02 18.22 -01 15.4 18.1	-0.98 - 0.1	7.6/27.5	26582	1996 XZ ₄	2007 10 31.0	02 18.98 +24 05.2 20.1	-1.04 - 5.0	3.7/02.8	26551
2003 WQ ₁₁₁	2007 10 30.7	02 18.23 +17 02.7 19.3	-0.98 - 3.0	1.3/31.6	26693	2006 JE ₂₉	2007 10 31.0	02 18.99 +06 09.7 18.7	-0.97 - 2.6	3.6/29.2	26765
2005 GV ₂₁	2007 10 30.8	02 18.16 +12 14.3 18.6	-0.93 - 2.9	0.6/30.4	89651	2002 YY ₁₆	2007 10 31.0	02 18.99 +00 03.5 18.8	-0.86 - 0.8	4.6/27.7	26655
2003 YN ₂₉	2007 10 30.8	02 18.20 -33 32.9 18.5	-0.98 + 4.4	17.8/20.3	26699	2003 YT ₄₉	2007 10 31.0	02 19.02 +13 18.1 19.2	-0.91 - 3.9	0.2/30.9	26699
2006 JF ₈₀	2007 10 30.8	02 18.24 +00 35.8 20.3	-0.93 - 5.0	5.1/27.3	24087	2002 RB ₂₀₂	2007 10 31.0	02 19.02 +29 40.0 19.7	-1.10 - 1.2	5.3/03.9	02128
2000 CG ₉₉	2007 10 30.8	02 18.26 +22 48.3 19.8	-0.95 - 3.8	3.4/02.2	26568	2002 EG ₁₀₅	2007 10 31.0	02 19.03 +10 34.4 18.1	-1.12 - 1.6	1.5/30.3	26615
2001 DQ ₅₀	2007 10 30.8	02 18.31 -00 56.5 19.7	-0.95 - 1.8	4.8/27.3	26588	1999 WH ₁₃	2007 10 31.0	02 19.04 +14 50.7 19.2	-0.93 - 5.9	0.4/31.3	26562
2002 CB ₅₅	2007 10 30.8	02 18.31 +09 07.5 20.6	-0.99 - 5.4	1.6/29.6	52893	2001 BK ₂₇	2007 10 31.0	02 19.04 +10 27.1 19.5	-0.96 - 5.8	1.4/30.1	26586
2005 EW ₁₆₅	2007 10 30.8	02 18.31 +12 39.4 20.0	-0.88 - 4.0	0.4/30.5	26736	2003 US ₃₁₄	2007 10 31.0	02 19.07 +03 36.4 19.0	-0.91 - 3.1	4.5/28.4	26688
2005 GD ₁₂₂	2007 10 30.8	02 18.33 +19 00.6 19.9	-1.02 - 3.7	2.1/32.0	26744	2003 SP ₆₈	2007 10 31.0	02 19.12 +22 17.3 20.1	-1.05 - 4.9	3.1/02.3	95071
2005 CZ ₂₆	2007 10 30.8	02 18.38 -20 32.3 20.4	-0.81 - 5.0	10.1/19.9	00919	2005 JP ₄₃	2007 10 31.0	02 19.15 -01 07.7 20.6	-0.76 - 2.3	3.9/27.1	86730
2006 HB ₁₅₂	2007 10 30.8	02 18.39 +13 30.6 19.2	-1.07 - 1.5	0.1/30.8	26166	2005 JD ₉₃	2007 10 31.0	02 19.16 +26 40.8 20.2	-1.04 - 1.8	4.2/03.1	03702
2004 FU	2007 10 30.8	02 18.41 +11 39.6 19.5	-0.80 - 4.9	0.8/30.3	26712	2002 NQ ₄₆	2007 10 31.0	02 19.17 +11 54.7 19.9	-0.94 - 3.4	0.7/30.6	26625
2002 QT ₄₉	2007 10 30.8	02 18.43 +14 38.4 19.0	-0.89 - 3.4	0.3/31.1	26631	2002 EO ₈₈	2007 10 31.0	02 19.18 +08 36.2 19.6	-0.98 - 4.7	1.8/29.7	74156
2004 YR ₁₃	2007 10 30.8	02 18.47 +24 45.1 19.1	-1.05 - 6.2	4.7/02.9	26720	2000 SE ₁₈₄	2007 10 31.0	02 19.21 +13 19.7 18.1	-0.94 - 9.0	0.3/30.9	26578
2003 YP ₅₆	2007 10 30.8	02 18.47 +05 18.8 18.3	-0.91 - 2.8	3.5/28.7	25979	2007 TS ₁₈	2007 10 31.0	02 19.22 +33 37.2 18.9	-1.98 + 8.4	10.1/02.4	26526
2001 FU ₆₆	2007 10 30.8	02 18.49 +06 58.0 20.6	-0.89 - 3.9	2.1/29.1	25820	2002 GE ₅₅	2007 10 31.0	02 19.24 +18 28.1 19.4	-0.98 - 7.4	1.7/01.4	26618
2002 KQ ₁₀	2007 10 30.8	02 18.49 +10 20.2 20.6	-0.98 - 4.0	1.2/30.0	26623	2002 OM ₁₂	2007 10 31.0	02 19.25 +25 09.1 17.9	-0.85 -12.9	4.3/04.1	38345
2001 CQ ₁₄	2007 10 30.8	02 18.53 +13 47.5 20.2	-1.02 - 3.9	0.0/30.9	26587	2004 BS ₅₀	2007 10 31.0	02 19.26 +01 49.2 19.1	-0.85 - 5.0	4.4/27.7	26705
2001 SP ₃₃₂	2007 10 30.8	02 18.54 +03 25.3 20.3	-0.72 - 6.5	3.1/27.7	26600	2000 EV ₁₁₈	2007 10 31.0	02 19.28 +19 01.4 19.1	-1.05 - 0.6	1.8/01.2	26569
2002 XR ₁₅	2007 10 30.8	02 18.57 +33 13.0 19.0	-0.96 - 3.8	7.2/05.6	25899	2001 SA ₂₂₃	2007 10 31.0	02 19.30 +04 46.9 20.2	-0.72 - 5.9	2.6/28.4	04169
2002 UP ₁₄	2007 10 30.8	02 18.57 +09 32.7 18.5	-0.93 - 1.5	1.6/29.9	26647	2005 BC ₂₃	2007 10 31.0	02 19.32 +08 19.5 19.8	-1.01 - 3.9	2.4/29.7	76623
2003 UQ ₃₁₆	2007 10 30.8	02 18.59 +26 54.1 18.9	-1.02 - 2.0	6.1/03.1	11001	2002 LK ₅₃	2007 10 31.0	02 19.33 -28 34.5 20.5	-1.00 + 0.6	12.5/20.3	02108
2006 GV ₃₈	2007 10 30.8	02 18.64 +23 51.8 19.1	-1.22 - 2.4	4.0/02.2	26759	2006 JT ₂₈	2007 10 31.0	02 19.36 +08 42.6 20.5	-1.05 - 4.5	2.1/29.8	01753
2002 QS ₁₁₄	2007 10 30.9	02 18.53 +23 48.5 19.9	-0.95 - 4.9	3.2/02.6	24369	2007 TP ₁₂	2007 10 31.0	02 19.38 +11 27.3 17.9	-0.95 - 2.8	1.2/30.5	26521
2006 JM ₁₅	2007 10 30.9	02 18.54 +10 48.1 19.2	-1.02 - 3.0	1.3/30.2	26765	2005 EV ₄₉	2007 10 31.0	02 19.41 +14 33.2 18.8	-1.05 - 2.1	0.3/31.2	26731
2002 PF ₁₄₃	2007 10 30.9	02 18.56 +06 30.3 19.3	-0.94 - 2.4	3.2/29.1	26629	2002 LM ₅	2007 10 31.1	02 19.32 +03 07.9 19.5	-1.10 + 1.6	4.5/29.1	25854
2005 CB ₄₉	2007 10 30.9	02 18.57 +06 11.9 18.8	-0.95 - 7.2	3.0/28.7	26727	2002 GC ₁₂₈	2007 10 31.1	02 19.32 +18 50.4 19.2	-1.10 - 2.5	1.9/01.3	26619
2004 FU ₁₅₁	2007 10 30.9	02 18.58 +13 56.7 19.9	-0.84 - 3.5	0.0/30.9	22772	2002 PL ₁₅₆	2007 10 31.1	02 19.35 +00 34.4 19.8	-0.84 - 4.6	5.2/27.5	26629
2005 EY ₇₉	2007 10 30.9	02 18.58 +26 45.6 20.2	-1.04 - 1.8	4.0/03.1	76840	2002 QF ₁₁₄	2007 10 31.1	02 19.38 +05 18.4 20.4	-0.80 - 7.6	3.1/28.5	19583
2002 GE ₈	2007 10 30.9	02 18.59 +08 39.9 19.9	-0.98 - 4.3	1.9/29.6	26617	2002 ET ₆₇	2007 10 31.1	02 19.44 +29 51.2 21.1	-1.21 - 2.0	5.9/03.9	57852
2005 JO ₁₃₃	2007 10 30.9	02 18.60 +00 06.5 20.0	-0.82 - 1.8	4.1/27.5	87675	2002 GU ₁₅₂	2007 10 31.1	02 19.44 +02 18.1 19.6	-1.02 - 3.6	4.5/28.2	26620
2002 QV ₅₈	2007 10 30.9	02 18.60 +13 42.5 19.5	-0.85 - 6.3	0.1/30.9	26631	2005 JY ₈₈	2007 10 31.1	02 19.49 +31 19.8 19.9	-1.03 - 2.9	5.5/04.7	04333

2002 YU ₂₆	2007 10 31.1	02 19.50 +41 45.5 18.9	-0.94 - 4.6	7.8/08.9	10954
2005 EP ₂₂₄	2007 10 31.1	02 19.53 -11 07.1 19.8	-1.09 + 2.6	9.0/26.2	26738
2002 XU ₁₇	2007 10 31.1	02 19.54 +11 32.5 19.0	-0.84 - 3.5	0.8/30.5	26653
2005 JT ₂₂	2007 10 31.1	02 19.61 +13 59.8 19.3	-0.83 - 3.5	0.0/31.2	26746
2002 RC ₂₂₁	2007 10 31.1	02 19.61 +05 29.2 19.6	-0.85 - 4.1	3.2/28.9	26638
2001 SV ₁₄₂	2007 10 31.1	02 19.62 +28 49.0 18.8	-0.94 - 2.3	5.2/04.1	25835
2006 KQ ₁₃	2007 10 31.1	02 19.64 -08 13.5 19.7	-0.95 - 1.6	8.5/26.0	26767
2005 EJ ₇₁	2007 10 31.1	02 19.66 +00 57.1 20.0	-0.89 - 4.1	4.2/27.8	87653
2004 GQ ₁₁	2007 10 31.1	02 19.66 -04 01.7 20.0	-0.93 + 0.2	5.2/27.1	66357
2006 HR ₄₄	2007 10 31.1	02 19.70 +09 55.5 19.8	-1.06 - 2.1	1.6/30.3	26761
2003 SK ₂₉₅	2007 10 31.1	02 19.76 +10 01.1 19.6	-0.84 -12.7	1.6/29.9	26675
2006 HZ ₁₀₂	2007 10 31.1	02 19.76 +13 52.1 20.5	-0.88 - 9.2	0.0/31.2	26164
2005 EA ₂₆₅	2007 10 31.1	02 19.76 +13 20.9 20.0	-0.91 - 6.5	0.2/31.0	26739
2000 DO ₆	2007 10 31.1	02 19.79 +25 24.9 18.7	-1.08 - 1.4	4.3/02.8	26568
2001 RG ₁₁₇	2007 10 31.2	02 19.77 +10 52.7 19.7	-0.78 - 4.5	1.0/30.4	26597
2001 AH ₂₁	2007 10 31.2	02 19.81 +28 13.8 20.0	-1.03 - 4.9	4.5/04.1	10758
2004 EQ ₂₈	2007 10 31.2	02 19.81 +11 50.4 21.2	-0.78 - 4.1	0.6/30.6	26711
2001 QN ₁₉₃	2007 10 31.2	02 19.81 +12 09.5 19.0	-0.76 -12.5	0.6/30.6	26594
2005 AT ₆₈	2007 10 31.2	02 19.83 +01 33.9 19.9	-0.99 - 3.7	5.0/28.1	77804
2002 XM ₇₀	2007 10 31.2	02 19.85 +01 59.4 18.9	-0.87 - 0.7	3.9/28.4	26654
2002 SB ₅₅	2007 10 31.2	02 19.86 +11 02.6 18.8	-0.78 - 8.3	1.1/30.3	26640
2002 FS ₃₇	2007 10 31.2	02 19.87 -04 07.4 21.1	-0.94 - 4.1	5.9/26.6	00224
2005 GB ₆₄	2007 10 31.2	02 19.90 +17 06.7 19.9	-0.95 - 1.4	0.9/01.0	26742
2000 UA ₄	2007 10 31.2	02 19.91 +16 29.5 18.0	-0.78 - 8.9	1.3/32.0	25814
2004 BK ₈₉	2007 10 31.2	02 19.96 -03 03.2 20.7	-0.69 - 4.7	4.1/26.2	11021
2004 DU ₅₅	2007 10 31.2	02 19.99 +14 37.0 20.6	-0.81 - 4.1	0.2/31.4	26710
2002 GD ₁₀₃	2007 10 31.2	02 20.00 +13 40.9 18.8	-1.12 - 1.6	0.1/31.2	26619
1999 VN ₁₉	2007 10 31.2	02 20.01 +08 11.4 18.6	-0.90 - 5.4	2.4/29.7	26560
2003 YJ ₁₀₆	2007 10 31.2	02 20.05 -32 04.5 19.6	-0.85 + 0.1	18.3/13.8	66324
2003 MR ₈	2007 10 31.2	02 20.10 +19 11.9 18.9	-0.99 - 8.0	2.2/01.8	26658
2006 FE ₄	2007 10 31.2	02 20.15 +16 56.7 19.8	-1.14 - 3.4	1.2/01.0	26756
2000 SV ₁₇₅	2007 10 31.2	02 20.17 +21 09.4 17.4	-0.94 - 9.0	3.3/02.5	26577
2002 EN ₁₀₃	2007 10 31.2	02 20.18 +03 35.0 19.4	-1.03 - 3.3	4.0/28.8	26615
2001 SW ₂₁₂	2007 10 31.3	02 20.12 +35 08.8 20.0	-1.17 + 1.9	6.9/04.8	04168
2000 AV ₄₂	2007 10 31.3	02 20.12 -50 27.5 18.2	-0.97 - 0.1	25.6/12.0	26565
2001 RO ₃₇	2007 10 31.3	02 20.13 -10 24.3 19.1	-0.70 - 8.0	7.9/23.0	94025
2003 XZ ₁₇	2007 10 31.3	02 20.13 +36 35.2 18.7	-1.05 - 2.4	9.6/06.5	26697
2005 AT ₁₇	2007 10 31.3	02 20.16 +07 09.5 19.5	-1.02 - 4.3	2.8/29.6	26721
2001 KW ₇₅	2007 10 31.3	02 20.16 +04 12.2 19.9	-0.81 - 5.8	3.0/28.5	26591
2005 EH ₂₀₆	2007 10 31.3	02 20.16 +10 12.4 20.5	-0.86 - 7.1	1.2/30.2	76961
2002 GZ ₆₂	2007 10 31.3	02 20.17 +11 44.9 19.9	-1.00 - 3.8	0.8/30.8	26618
2004 BB ₉₀	2007 10 31.3	02 20.20 +31 44.2 20.6	-0.92 - 4.0	5.4/05.3	61830
2002 FC ₂	2007 10 31.3	02 20.22 +08 28.9 20.0	-0.94 - 6.2	1.8/29.8	04196
2005 CH ₄₀	2007 10 31.3	02 20.22 -03 56.9 20.6	-0.94 - 2.1	5.5/26.9	77812
2002 RW ₂₃₁	2007 10 31.3	02 20.23 +14 22.2 19.4	-0.85 - 5.8	0.1/31.4	26638
2001 SD ₁₄	2007 10 31.3	02 20.24 +17 11.9 18.8	-0.84 - 2.9	1.1/01.2	26597
2001 OR ₄₁	2007 10 31.3	02 20.28 +21 56.5 19.6	-0.99 - 0.9	2.7/02.2	26592
2004 DR ₆₂	2007 10 31.3	02 20.32 +01 17.9 21.3	-0.74 - 4.8	3.5/27.7	72997
2002 EE ₁₃₄	2007 10 31.3	02 20.33 +18 10.6 20.5	-1.08 - 4.6	1.7/01.4	26616
2005 JF ₁₀₅	2007 10 31.3	02 20.33 +09 48.0 19.6	-0.84 - 4.5	1.4/30.2	26747
2003 YR ₁₁₁	2007 10 31.3	02 20.33 +04 25.5 19.3	-1.00 - 0.3	3.2/29.3	26701

2002 CK ₁₀₇	2007 10 31.3	02 20.34 +03 06.4 19.8	-1.00 - 5.3	4.4/28.5	26610
2002 YN ₇	2007 10 31.3	02 20.35 +03 20.7 19.3	-0.84 - 2.1	3.4/28.7	26655
2003 RJ ₂₁	2007 10 31.3	02 20.37 +16 22.8 20.0	-1.02 - 5.5	0.9/01.0	00503
2005 EZ ₂₈₀	2007 10 31.3	02 20.44 -05 50.7 22.5	-0.72 - 3.5	4.5/25.9	77852
1999 TJ ₁₆₉	2007 10 31.3	02 20.44 +17 12.7 18.9	-0.70 - 3.8	0.9/01.3	26558
2002 XF ₇₅	2007 10 31.3	02 20.45 +26 56.7 19.3	-0.88 - 4.7	4.0/04.0	26654
2000 SG ₁₃₉	2007 10 31.3	02 20.46 +15 19.7 18.2	-0.92 - 9.5	11.8/21.0	25808
2001 FX ₁₁₃	2007 10 31.3	02 20.46 +01 12.4 20.5	-0.82 - 7.2	4.0/27.6	26590
2006 HM ₈₉	2007 10 31.3	02 20.50 -08 51.3 20.5	-1.05 - 0.4	8.3/26.4	03904
2003 QC ₁₀₇	2007 10 31.3	02 20.58 +11 10.9 19.2	-1.04 - 4.0	1.2/30.7	26664
2003 WE ₃₃	2007 10 31.4	02 20.48 +17 58.8 18.9	-1.06 - 1.5	1.9/01.3	25959
2003 YJ ₁₀₉	2007 10 31.4	02 20.53 +00 44.6 19.4	-0.91 - 2.5	4.7/28.1	26701
1998 HQ ₁₃₆	2007 10 31.4	02 20.54 +15 35.1 19.7	-1.07 - 2.8	0.6/31.8	26552
1998 RP ₆₂	2007 10 31.4	02 20.57 -01 20.7 19.6	-0.84 - 7.3	5.7/27.0	26553
2000 CV ₁₃₅	2007 10 31.4	02 20.58 +09 16.2 19.8	-0.85 - 5.5	1.7/30.1	26568
2002 QB ₁₄	2007 10 31.4	02 20.58 +23 20.6 18.5	-0.83 - 7.8	3.8/03.3	26630
2006 KY ₃₃	2007 10 31.4	02 20.59 +15 31.7 20.6	-0.94 - 7.3	0.6/01.0	26768
2005 EO ₁₁₉	2007 10 31.4	02 20.60 -07 23.9 18.7	-0.78 -12.3	7.9/23.7	26734
2003 YN ₆₂	2007 10 31.4	02 20.66 +07 20.5 19.3	-0.89 - 3.7	2.5/29.7	76322
2002 GC ₁₀₇	2007 10 31.4	02 20.75 +07 56.4 20.3	-0.99 - 4.2	2.1/29.9	26619
2004 DU ₅₆	2007 10 31.4	02 20.76 +27 26.3 20.5	-0.91 - 3.4	4.4/04.1	03613
2004 RC ₈₄	2007 10 31.4	02 20.77 +43 43.8 21.0	-1.75 + 1.5	13.6/07.1	02209
2004 CN ₈₆	2007 10 31.4	02 20.78 +04 35.1 20.7	-0.75 - 4.1	2.6/28.9	87614
2002 YH ₁₇	2007 10 31.4	02 20.83 -02 03.1 18.3	-0.86 - 0.4	6.1/27.8	26655
2004 EC ₆₄	2007 10 31.4	02 20.85 +36 57.2 20.2	-1.05 - 0.3	6.1/06.2	08960
2002 PW ₁₃₆	2007 10 31.4	02 20.85 +34 14.5 20.8	-1.05 - 5.0	6.2/06.3	04210
1999 RO ₄₀	2007 10 31.4	02 20.89 -00 13.3 19.9	-0.92 - 7.7	5.7/27.5	26556
2005 EN ₂₉₃	2007 10 31.5	02 20.91 +16 03.9 18.4	-0.99 - 1.5	0.8/01.0	26740
2006 JN ₅₄	2007 10 31.5	02 20.95 +03 54.9 20.0	-1.04 - 3.6	3.7/29.1	01774
2003 SE ₃₂₂	2007 10 31.5	02 20.97 +08 52.1 20.4	-1.06 - 1.0	1.8/30.4	26676
2003 QV ₅₁	2007 10 31.5	02 21.06 +15 50.3 18.4	-1.05 - 1.6	0.8/01.0	26663
2004 HC ₄₅	2007 10 31.5	02 21.07 +12 05.5 20.7	-0.78 - 4.7	0.5/31.0	86492
2002 JA ₂₂	2007 10 31.5	02 21.09 +06 03.2 19.5	-0.94 - 5.6	2.7/29.4	26621
2001 QS ₁₈₃	2007 10 31.5	02 21.10 +03 35.1 19.9	-0.71 - 6.8	3.3/28.3	26594
2002 QX ₁₀₇	2007 10 31.5	02 21.10 -14 33.7 19.0	-0.64 - 7.3	12.5/21.0	25869
2002 SG ₃₄	2007 10 31.5	02 21.15 +15 21.0 18.2	-1.00 - 1.1	0.5/01.0	26640
2006 HC ₇₁	2007 10 31.5	02 21.17 +06 29.9 19.5	-0.82 - 8.1	3.0/29.3	26161
2002 VN ₁₄	2007 10 31.5	02 21.19 +15 17.5 18.6	-2.50 +25.9	17.1/21.0	25892
2005 GQ ₅₃	2007 10 31.5	02 21.19 +08 49.1 19.6	-0.85 - 8.6	1.8/30.0	26045
2003 YX ₉₅	2007 10 31.5	02 21.21 +21 53.7 19.3	-0.90 - 7.4	2.6/02.9	26701
2002 EP ₆₂	2007 10 31.5	02 21.21 +12 34.7 18.7	-0.96 - 7.7	0.7/31.1	25847
2003 MR ₃	2007 10 31.5	02 21.21 +23 46.3 18.9	-1.10 - 6.1	4.0/03.2	26658
2004 BZ ₁₅	2007 10 31.5	02 21.29 -02 22.3 20.2	-0.74 - 3.0	4.3/27.2	04286
2002 QM ₁₃	2007 10 31.5	02 21.32 -01 30.4 21.3	-0.83 - 6.0	4.9/27.2	10891
2004 CR ₆₇	2007 10 31.5	02 21.32 +01 55.6 20.5	-0.76 - 3.7	3.4/28.3	87613
1999 LO ₃	2007 10 31.5	02 21.33 +07 13.8 20.6	-0.97 - 7.0	2.6/29.7	29042
1996 TX ₃₁	2007 10 31.5	02 21.34 +08 38.5 18.1	-1.07 - 0.6	2.5/30.4	25784
2002 PT ₁₀₄	2007 10 31.5	02 21.34 +52 48.3 21.5	-1.37 - 2.8	10.7/13.0	04209
2000 NH ₄	2007 10 31.5	02 21.34 +12 41.7 20.7	-1.06 - 6.3	0.6/31.2	93824
2005 EX ₂₅₇	2007 10 31.6	02 21.31 +12 01.3 19.3	-0.81 - 5.4	0.6/31.0	26739
2002 XT ₇₄	2007 10 31.6	02 21.34 +32 18.1 18.9	-0.86 - 5.8	5.2/06.1	10950

2005 EE ₁₇₉	2007 10 31.6	02 21.39 +01 53.2 21.3	-0.81 - 6.8	3.8/28.0	87656
2001 VC ₄₀	2007 10 31.6	02 21.39 +18 27.1 19.2	-0.74 - 4.7	1.3/01.9	26603
2001 TW ₂₄₀	2007 10 31.6	02 21.40 +17 44.7 19.1	-0.91 + 0.1	1.0/01.4	26602
2000 TF ₆	2007 10 31.6	02 21.40 +18 50.0 19.9	-1.14 - 3.9	2.0/01.8	26579
2004 FE ₆₃	2007 10 31.6	02 21.41 +15 59.5 18.7	-1.01 + 0.1	0.6/32.0	26712
2002 QC ₁₀₄	2007 10 31.6	02 21.43 +11 18.9 19.9	-0.85 - 6.5	1.0/30.8	25869
2005 JT ₂₄	2007 10 31.6	02 21.45 +07 40.4 19.4	-0.90 + 0.2	1.8/30.2	26746
2006 KT ₁₂₁	2007 10 31.6	02 21.48 +08 18.0 19.2	-0.84 - 8.1	1.9/29.9	26770
2002 AM ₃₀	2007 10 31.6	02 21.50 +06 52.4 19.1	-1.05 - 4.8	3.0/29.8	26606
2002 JK ₂₀	2007 10 31.6	02 21.51 -00 25.2 19.1	-1.09 - 0.4	5.6/28.8	32016
2002 QQ ₆₉	2007 10 31.6	02 21.59 +10 32.1 21.1	-0.88 - 5.4	1.3/30.7	00326
2002 GP ₄₂	2007 10 31.6	02 21.59 +17 20.4 19.5	-1.14 - 1.4	1.4/01.4	26617
2002 TE ₉₄	2007 10 31.6	02 21.60 +19 28.7 19.9	-0.95 - 2.6	2.0/02.0	26642
2002 RF ₂₂₄	2007 10 31.6	02 21.61 -02 28.1 19.2	-0.89 - 0.6	7.0/27.7	26638
2003 WC ₈₁	2007 10 31.6	02 21.64 +14 21.3 18.4	-0.98 - 2.1	0.1/31.7	25964
2000 CO ₁₁	2007 10 31.6	02 21.68 +17 27.9 18.7	-0.91 - 6.4	1.4/01.6	26567
2003 UY ₃₉	2007 10 31.6	02 21.73 +11 14.7 19.7	-1.00 - 2.2	1.0/31.0	26679
2002 PO ₅₂	2007 10 31.7	02 21.68 -06 58.4 21.3	-0.87 - 3.6	6.3/26.2	85554
2005 GF ₂₀₇	2007 10 31.7	02 21.71 +16 36.9 19.8	-0.94 - 2.4	0.9/01.3	26052
2002 EP ₁₃	2007 10 31.7	02 21.76 +21 34.7 20.0	-1.05 - 4.8	2.5/02.7	26613
2003 WO ₂₁	2007 10 31.7	02 21.79 +17 23.0 19.6	-0.96 - 5.1	1.2/01.6	26690
2002 RJ ₁₂₄	2007 10 31.7	02 21.84 -01 40.5 18.9	-0.90 - 0.7	6.4/28.1	26636
2001 BT ₅₆	2007 10 31.7	02 21.85 +01 06.3 19.4	-0.94 - 4.5	5.2/28.3	26586
2000 JB ₈₆	2007 10 31.7	02 21.90 -19 38.9 19.8	-0.74 - 5.1	9.3/21.4	26571
2003 WD ₁₄₀	2007 10 31.7	02 21.93 +14 19.1 18.9	-0.96 - 3.7	9.8/21.0	26695
2005 AU ₂₆	2007 10 31.7	02 21.94 +06 36.3 20.1	-0.94 - 6.7	2.7/29.7	26722
2002 PL ₈₂	2007 10 31.7	02 21.96 -01 07.9 19.4	-0.87 - 4.9	5.6/27.8	35609
2005 CN ₅₁	2007 10 31.7	02 21.97 +14 01.1 19.4	-1.00 - 5.3	10.2/12.0	26727
1999 TV ₁₆₃	2007 10 31.7	02 22.03 -00 35.3 19.3	-0.88 - 3.8	6.3/27.9	26558
2000 OH ₁₆	2007 10 31.7	02 22.03 +23 31.7 18.5	-1.15 - 4.7	4.1/03.2	26572
2005 EZ ₁₁₆	2007 10 31.7	02 22.03 +05 49.2 20.4	-0.85 - 5.8	3.0/29.5	86653
2005 GU ₁₇₂	2007 10 31.7	02 22.05 +08 43.2 20.9	-0.83 - 5.1	1.8/30.3	02250
2001 FF ₆₈	2007 10 31.7	02 22.07 +36 25.8 19.5	-1.33 + 0.6	6.6/05.9	24327
2006 HQ ₃₅	2007 10 31.7	02 22.07 +07 51.2 20.4	-1.05 - 5.3	2.4/30.2	26761
2001 RL ₁₅	2007 10 31.7	02 22.08 +47 45.1 18.9	-1.19 + 0.7	12.0/09.8	04158
2000 HF ₆₉	2007 10 31.7	02 22.10 +09 35.6 19.7	-0.83 - 7.3	1.4/30.5	07847
2002 PU ₁₄₀	2007 10 31.7	02 22.13 +05 07.4 19.3	-1.08 + 2.2	3.6/30.2	25863
1999 RP ₄	2007 10 31.7	02 22.14 +24 23.0 21.2	-1.10 - 3.1	4.5/03.4	84495
2004 EZ ₁₆	2007 10 31.8	02 22.06 +15 46.4 20.8	-0.86 - 1.8	0.5/01.2	62013
2005 CN ₂₀	2007 10 31.8	02 22.06 +07 42.8 20.0	-1.02 - 4.7	2.6/30.2	77810
2002 RZ ₂₈	2007 10 31.8	02 22.08 +20 25.4 20.0	-0.88 - 8.0	2.1/02.7	04216
2003 SC ₆₂	2007 10 31.8	02 22.09 -01 43.9 19.2	-0.84 - 5.7	7.2/27.3	57944
2005 ER ₁₈₆	2007 10 31.8	02 22.10 +14 07.1 19.5	-0.90 - 3.5	8.2/12.0	26737
2003 WH ₁₃₄	2007 10 31.8	02 22.12 +04 59.2 18.7	-0.95 - 2.0	3.7/29.7	26694
2001 KR ₄₀	2007 10 31.8	02 22.13 -05 32.7 20.3	-0.89 - 3.0	5.9/26.7	77537
2002 CK ₁₈₅	2007 10 31.8	02 22.15 +07 59.5 20.5	-1.01 - 4.3	2.1/30.3	26611
2007 TL ₃₃	2007 10 31.8	02 22.20 +16 14.6 18.2	-1.17 + 1.9	1.1/01.2	26530
2000 WR ₉₅	2007 10 31.8	02 22.24 +20 50.0 19.7	-0.99 - 7.1	2.7/02.7	25818
1998 VS ₅₂	2007 10 31.8	02 22.28 -19 19.5 18.5	-1.18 + 8.4	14.4/27.4	26554
2006 LM ₂	2007 10 31.8	02 22.32 +14 45.9 21.1	-1.03 - 4.2	8.8/21.0	03934
2004 BC ₁₃₁	2007 10 31.8	02 22.34 +10 26.0 19.2	-0.83 - 4.6	1.3/30.9	26707

2005 GN ₉	2007 10 31.8	02 22.35 +06 44.0 19.6	-0.89 - 3.2	2.6/30.0	26741
1999 VA ₁₁₇	2007 10 31.8	02 22.36 +20 24.4 19.1	-1.07 -19.9	2.7/03.1	26561
2003 SO ₈₇	2007 10 31.8	02 22.38 +07 01.0 19.5	-1.06 - 2.4	2.7/30.3	26668
2002 CQ ₁₆₈	2007 10 31.8	02 22.46 +02 34.7 19.4	-1.05 - 2.8	4.7/29.2	26611
2002 LZ ₂₇	2007 10 31.8	02 22.47 +15 18.2 19.6	-0.97 - 5.1	0.4/01.2	26624
2001 UM ₃₇	2007 10 31.8	02 22.48 +17 07.0 19.2	-0.88 - 1.1	0.9/01.6	26603
2003 SP ₅₁	2007 10 31.9	02 22.43 +03 43.2 19.7	-0.91 - 4.7	4.5/29.1	25922
2004 WZ ₇	2007 10 31.9	02 22.45 +10 26.1 19.9	-1.13 - 3.7	1.6/31.0	26717
2003 XC ₂	2007 10 31.9	02 22.46 +05 54.3 19.0	-0.93 - 4.1	3.6/29.7	26696
2001 RE ₁₀₆	2007 10 31.9	02 22.47 +01 48.5 19.9	-0.76 - 5.1	3.6/28.4	26596
2004 CX ₄₂	2007 10 31.9	02 22.49 +07 44.4 20.2	-0.76 - 3.7	1.7/30.2	04294
2004 BK ₁₉	2007 10 31.9	02 22.50 -00 50.7 19.5	-0.83 - 2.3	4.6/28.1	26704
2003 WF ₃₂	2007 10 31.9	02 22.51 +11 10.3 19.9	-1.07 0.0	1.2/31.3	85052
2005 GZ ₆₀	2007 10 31.9	02 22.53 +02 10.3 19.5	-0.93 + 1.0	3.6/29.5	26742
2002 PK ₁₄₂	2007 10 31.9	02 22.58 +34 50.3 18.6	-1.06 - 4.2	8.7/07.2	26629
2006 HK ₅₄	2007 10 31.9	02 22.62 +14 10.6 19.8	-1.01 - 6.0	9.6/21.0	26762
2000 DH ₄₆	2007 10 31.9	02 22.74 +11 40.1 20.5	-0.84 - 5.0	0.8/31.3	26568
2002 CL ₁₄₈	2007 10 31.9	02 22.74 +22 22.6 19.8	-1.08 - 5.4	3.1/03.1	24347
2005 BK ₄₈	2007 10 31.9	02 22.76 +12 33.2 19.7	-0.77 - 5.9	0.5/31.5	26725
2005 EF ₁₇₈	2007 10 31.9	02 22.76 +16 36.8 19.3	-0.99 - 6.0	1.0/01.6	26036
2006 CV ₅₆	2007 10 31.9	02 22.77 -28 17.3 19.8	-1.33 + 2.5	19.7/20.8	03858
2005 JO ₂	2007 10 31.9	02 22.78 +13 59.5 19.9	-0.77 - 6.4	7.5/12.0	89659
2007 TS ₁₂	2007 10 31.9	02 22.83 +11 37.5 18.9	-0.83 - 4.3	0.9/31.3	26521
2003 UG ₂₉	2007 10 31.9	02 22.83 +14 19.8 19.2	-0.96 - 3.5	10.6/21.0	26678
2002 RA ₁₆₂	2007 10 31.9	02 22.84 +09 02.8 19.7	-0.83 - 6.0	1.8/30.5	26637
2003 SC ₃₃₄	2007 10 31.9	02 22.87 +18 58.9 20.6	-1.01 - 3.5	1.9/02.2	26676
2002 RB ₁₇₇	2007 10 31.9	02 22.87 +21 45.2 19.5	-0.92 - 4.4	2.6/03.0	26637
2006 JL ₁₄	2007 10 31.9	02 22.92 +29 27.7 20.3	-1.02 - 6.7	5.0/05.6	03909
2001 SA ₂₄	2007 11 01.0	02 22.82 +22 53.0 19.4	-0.89 - 2.0	2.6/03.2	13792
2002 TO ₁₁₂	2007 11 01.0	02 22.85 +24 45.0 19.7	-0.92 - 6.3	3.3/04.1	03425
2005 EM ₁₂₉	2007 11 01.0	02 22.85 +24 41.2 19.7	-1.03 - 5.2	3.9/03.9	24463
2003 WR ₁₁₁	2007 11 01.0	02 22.90 +17 12.3 18.9	-0.96 - 3.3	1.3/01.8	26693
2003 SF ₆₃	2007 11 01.0	02 22.99 +24 55.7 18.9	-1.04 - 5.1	4.5/03.9	26668
2003 SQ ₃₂₀	2007 11 01.0	02 23.02 +20 17.1 19.7	-1.00 - 5.5	2.5/02.7	26676
2002 GR ₈₁	2007 11 01.0	02 23.04 +08 22.0 19.6	-1.01 - 4.7	2.2/30.6	26618
2000 WK ₂₆	2007 11 01.0	02 23.05 +01 30.0 18.7	-0.91 - 6.9	5.6/28.4	26582
2002 OF ₁₈	2007 11 01.0	02 23.07 +18 01.0 19.7	-0.90 - 6.4	1.2/02.1	26626
2002 NX ₁₆	2007 11 01.0	02 23.10 -01 38.8 20.4	-0.92 - 2.8	5.1/28.2	72671
2003 WU ₂₂	2007 11 01.0	02 23.11 +08 16.2 19.3	-1.00 - 1.3	2.7/30.8	25957
2003 AO ₇	2007 11 01.0	02 23.14 +17 33.6 17.4	-0.71 -12.2	1.2/02.2	26655
2005 EC ₇₃	2007 11 01.0	02 23.14 +18 48.9 19.1	-1.09 - 1.6	2.0/02.1	26732
2001 UK ₁₉₁	2007 11 01.0	02 23.17 +03 34.3 21.2	-0.74 - 8.6	2.9/28.8	00082
2000 DP ₄₀	2007 11 01.0	02 23.17 +06 45.5 18.6	-0.84 - 5.8	2.7/30.0	26568
2006 HO ₇₆	2007 11 01.0	02 23.17 -06 17.8 20.0	-0.93 - 1.6	6.8/27.3	01693
2005 ER ₂₄₂	2007 11 01.0	02 23.18 +14 56.3 19.7	-0.99 - 1.3	0.2/01.2	26040
2002 BY ₁₁	2007 11 01.0	02 23.18 +16 50.4 19.3	-1.07 - 5.3	1.0/01.7	26608
2005 CO ₁₇	2007 11 01.0	02 23.19 +18 06.9 20.2	-1.05 - 5.3	1.6/02.1	77810
2002 XU ₁	2007 11 01.0	02 23.20 +02 07.1 19.7	-0.83 - 2.1	3.7/29.1	26653
2003 UM ₄₁	2007 11 01.0	02 23.20 +14 49.5 19.2	-0.95 - 3.8	0.3/01.2	26679
2007 TR ₁₂	2007 11 01.0	02 23.26 +10 55.1 18.5	-0.89 - 3.9	1.7/31.2	26521
2002 RF ₄₄	2007 11 01.0	02 23.30 +32 28.7 18.6	-1.16 + 0.9	7.5/05.2	26635

2002 NW ₄₆	2007 11 01.1	02 23.31 +12 26.7 18.8	-0.85 - 6.3	0.7/31.6	26625	1998 QD ₄₉	2007 11 01.3	02 24.06 +25 33.0 19.2	-1.07 - 2.9	4.3/04.2	26553
2004 ET ₆₆	2007 11 01.1	02 23.32 +19 59.3 19.1	-0.97 - 2.4	2.0/02.5	26712	2004 CH ₁₉	2007 11 01.3	02 24.06 +15 53.2 20.4	-0.86 - 4.3	0.5/01.7	26708
2002 TO ₄₅	2007 11 01.1	02 23.33 +18 29.1 18.2	-1.03 + 0.2	1.6/02.0	26641	2007 TY	2007 11 01.3	02 24.06 +20 08.0 19.5	-0.96 - 3.5	2.2/02.8	26514
2002 XD ₃₇	2007 11 01.1	02 23.33 +19 50.8 18.7	-1.04 + 1.0	2.0/02.3	26653	2005 CS ₆₄	2007 11 01.3	02 24.20 +17 02.9 20.6	-1.09 - 4.1	1.1/02.0	97780
2002 CQ ₉	2007 11 01.1	02 23.37 +04 44.9 20.2	-1.37 + 3.0	3.7/30.6	75280	1999 VC ₁₄₂	2007 11 01.3	02 24.21 +14 41.6 20.1	-0.96 - 4.3	0.1/01.4	26561
2004 CR ₂₂	2007 11 01.1	02 23.37 -00 28.3 20.1	-0.77 - 4.8	4.5/28.0	26708	2003 YX ₁₆₈	2007 11 01.3	02 24.23 +26 11.8 18.9	-0.97 - 4.0	4.3/04.5	26703
2005 JK ₆₉	2007 11 01.1	02 23.38 -07 27.7 21.1	-0.69 - 4.0	5.5/25.9	87672	2005 EF ₄₇	2007 11 01.3	02 24.23 +09 43.7 20.6	-0.87 - 5.3	1.5/31.1	26731
2004 CE ₇₀	2007 11 01.1	02 23.38 -04 00.3 19.2	-0.80 - 2.7	5.6/27.3	26708	2002 JA ₁₄₁	2007 11 01.3	02 24.28 +03 28.9 19.2	-1.00 - 2.9	4.2/29.8	26623
2003 WH ₁₂₆	2007 11 01.1	02 23.40 +12 36.3 17.4	-0.92 + 2.8	0.9/31.8	25968	2006 KN ₂₃	2007 11 01.3	02 24.31 +24 20.8 21.3	-1.08 - 7.0	3.5/04.1	09570
2005 CU ₄₃	2007 11 01.1	02 23.41 +02 42.5 21.0	-0.81 - 4.4	3.2/29.1	26727	2001 SR ₂₁₀	2007 11 01.3	02 24.34 +07 59.0 18.6	-0.75 - 5.1	2.1/30.6	26599
2002 XE ₉₀	2007 11 01.1	02 23.42 -08 49.4 19.1	-0.80 - 2.2	7.5/25.9	75822	2001 QK ₁	2007 11 01.3	02 24.38 +26 24.1 20.4	-0.93 - 3.2	3.6/04.6	75034
2002 RM ₂₀₉	2007 11 01.1	02 23.43 +11 34.7 20.0	-0.85 - 5.0	0.9/31.4	26638	2002 TY ₃₄₀	2007 11 01.3	02 24.42 +10 38.3 19.8	-0.95 - 0.6	1.3/31.6	22722
2005 JJ ₄₈	2007 11 01.1	02 23.46 -00 27.5 20.0	-0.83 - 1.2	4.2/28.6	26746	2006 KU ₂₇	2007 11 01.3	02 24.47 +12 27.5 20.1	-1.01 - 3.2	0.7/32.0	26767
2003 QF ₃₈	2007 11 01.1	02 23.47 +08 35.7 19.7	-0.99 - 5.4	2.3/30.7	26662	1999 VH ₁₅₉	2007 11 01.4	02 24.44 +19 18.7 18.4	-1.00 - 3.4	2.1/02.6	26561
2000 VV ₅₂	2007 11 01.1	02 23.52 +24 36.3 18.9	-1.06 - 5.3	4.3/03.9	72221	2006 GT ₂₀	2007 11 01.4	02 24.49 +11 48.6 19.0	-1.14 - 0.6	1.1/31.9	26149
2005 EQ ₁₄₂	2007 11 01.1	02 23.53 +20 12.9 20.9	-1.04 - 1.4	1.9/02.5	77837	2004 BH ₄₇	2007 11 01.4	02 24.53 +00 01.3 21.1	-0.86 - 3.6	4.6/28.6	11019
2002 CA ₁₁	2007 11 01.1	02 23.53 -20 18.8 20.4	-1.01 - 0.4	10.5/23.9	00148	2004 XK ₉₇	2007 11 01.4	02 24.53 +24 19.6 20.7	-1.11 - 5.0	3.9/04.0	77795
2006 KH ₁₇	2007 11 01.1	02 23.54 +03 56.6 19.9	-1.04 - 0.2	3.7/30.0	26767	2000 WA ₂₁	2007 11 01.4	02 24.58 +08 01.3 18.8	-0.69 - 3.1	2.0/30.7	26582
2002 PF ₇₈	2007 11 01.1	02 23.54 +29 04.6 20.1	-1.07 - 2.9	4.6/05.0	74199	1995 FL ₇	2007 11 01.4	02 24.58 +08 56.7 21.0	-0.80 - 3.6	1.4/31.0	04106
2004 EV ₄₁	2007 11 01.1	02 23.56 +12 13.4 20.4	-0.76 - 4.9	0.6/31.6	26711	2000 KB ₁₂	2007 11 01.4	02 24.64 +10 14.1 19.5	-0.87 - 1.6	1.3/31.5	26572
2001 EH ₃	2007 11 01.1	02 23.69 +25 15.3 19.6	-1.17 + 0.1	3.9/03.5	24326	2003 YR ₂₅	2007 11 01.4	02 24.67 +24 00.3 19.2	-0.93 - 4.4	2.9/04.0	25977
2002 JZ ₄₉	2007 11 01.2	02 23.61 +17 23.8 20.5	-0.97 - 6.0	1.1/02.1	26621	2004 BP ₁₁₉	2007 11 01.4	02 24.71 -10 30.7 20.0	-0.80 - 1.3	6.5/26.1	87611
2003 QS ₂₇	2007 11 01.2	02 23.62 +13 12.8 19.3	-1.00 - 6.0	0.4/31.9	26662	2006 RC ₁₄	2007 11 01.4	02 24.72 +13 03.6 20.1	-0.74 - 6.9	0.4/01.1	26190
2005 AY ₂₉	2007 11 01.2	02 23.69 +10 42.9 21.0	-0.99 - 4.8	1.3/31.3	26722	2005 EX ₇	2007 11 01.4	02 24.74 +05 06.9 20.2	-0.90 - 7.0	3.5/29.8	26729
2005 EL ₉₁	2007 11 01.2	02 23.75 +04 09.1 19.6	-0.77 -10.9	3.9/28.9	26032	2003 SQ ₁₆₉	2007 11 01.4	02 24.77 +09 15.9 20.1	-0.95 - 5.2	2.2/31.2	26671
2003 PU	2007 11 01.2	02 23.75 +53 12.6 19.1	-1.65 - 0.4	14.1/12.9	53740	2004 GZ ₇	2007 11 01.4	02 24.79 +09 58.1 20.1	-0.76 - 8.1	1.4/31.1	26713
2000 HN ₂₂	2007 11 01.2	02 23.79 +17 12.4 18.4	-1.21 - 2.8	1.4/01.9	26571	2001 FY ₁₀₀	2007 11 01.4	02 24.81 +05 05.3 20.5	-0.85 - 7.4	2.8/29.8	26589
2004 CQ ₄₉	2007 11 01.2	02 23.81 +20 25.9 22.9	-1.08 - 2.9	2.0/02.7	87613	2002 VZ ₁₁₀	2007 11 01.4	02 24.81 +27 11.0 18.5	-0.87 - 7.7	4.7/05.5	25896
2000 QF ₁₁₅	2007 11 01.2	02 23.85 +19 36.3 19.7	-1.10 - 6.2	2.1/02.7	24309	2003 SB ₅₆	2007 11 01.4	02 24.82 +12 28.6 19.2	-0.87 - 8.5	0.8/31.9	26667
2002 VB ₃₁	2007 11 01.2	02 23.85 -03 56.4 18.3	-1.03 + 3.2	6.3/29.0	26649	1999 VA ₁₃₇	2007 11 01.4	02 24.83 +16 00.9 20.0	-0.91 - 6.5	0.6/02.0	26561
2004 CD ₉₈	2007 11 01.2	02 23.88 +11 22.2 19.0	-0.91 - 0.8	0.9/31.6	26709	2006 KJ ₂	2007 11 01.5	02 24.83 +18 21.1 20.6	-1.06 - 5.2	1.5/02.5	26767
2002 CV ₇	2007 11 01.2	02 23.88 +16 09.1 20.0	-1.09 - 5.4	0.7/01.7	26608	2003 UK ₂₅₉	2007 11 01.5	02 24.86 +06 06.6 18.1	-0.81 - 2.5	4.2/30.4	26687
2005 CK ₁₉	2007 11 01.2	02 23.89 +13 50.2 19.8	-0.98 - 5.4	0.2/01.1	26726	2000 YK ₅₀	2007 11 01.5	02 24.87 -00 51.4 17.9	-0.79 - 3.5	7.9/28.4	26584
2004 BC ₉₆	2007 11 01.2	02 23.91 -19 46.0 20.2	-0.82 - 0.5	8.5/23.0	62484	2002 UA ₆₂	2007 11 01.5	02 24.89 +13 20.6 19.6	-0.83 - 8.0	0.4/01.2	26648
2005 EF ₂₆	2007 11 01.2	02 23.91 +13 13.5 20.1	-0.99 - 5.2	0.4/32.0	26730	2003 WD ₁₁₂	2007 11 01.5	02 24.89 +16 24.1 18.5	-1.01 - 1.8	0.8/02.0	25966
2005 GS ₆₉	2007 11 01.2	02 23.92 +00 10.7 20.4	-0.80 - 1.5	3.6/28.8	11092	2001 RP ₁₂₁	2007 11 01.5	02 24.91 +26 28.5 20.2	-0.94 - 1.6	3.5/04.5	24334
2005 AZ ₄₃	2007 11 01.2	02 23.93 +14 22.3 20.3	-1.00 - 4.2	0.0/01.3	26019	2002 NK ₅₉	2007 11 01.5	02 24.91 -04 03.7 18.5	-0.84 - 2.9	7.3/27.8	26626
2005 ER ₅₁	2007 11 01.2	02 23.96 +10 13.2 19.3	-0.86 - 5.7	1.4/31.2	26731	2002 EZ ₄₉	2007 11 01.5	02 24.93 +17 37.6 21.2	-1.04 - 4.6	1.2/02.4	57852
2003 YM ₇₁	2007 11 01.2	02 23.97 +13 15.1 19.2	-0.93 - 3.5	0.4/01.0	26700	2005 EZ ₁₉₃	2007 11 01.5	02 24.94 +12 10.8 20.3	-0.96 - 6.1	0.9/31.9	26737
2005 ET ₆₁	2007 11 01.2	02 24.00 -03 31.3 21.2	-0.81 - 5.1	5.2/27.3	00927	2000 SF ₂₆₃	2007 11 01.5	02 24.95 +09 42.7 18.1	-1.11 - 0.4	2.2/31.6	26578
2002 XL ₁₀₂	2007 11 01.2	02 24.01 +02 06.6 19.3	-0.85 - 1.1	4.1/29.4	26655	2002 TD ₃₃₀	2007 11 01.5	02 25.02 +04 43.6 21.1	-0.81 - 6.1	3.0/29.8	00391
2005 AQ ₂₃	2007 11 01.2	02 24.04 +05 48.5 20.1	-1.02 - 3.4	3.2/30.2	26721	2005 GX ₅₀	2007 11 01.5	02 25.02 +06 45.9 19.0	-0.90 - 3.0	2.6/30.7	26742
2001 FE ₈₉	2007 11 01.2	02 24.05 +15 12.7 21.7	-0.93 - 4.4	0.3/01.5	26589	2005 JD ₇₂	2007 11 01.5	02 25.02 +11 15.7 19.5	-0.84 - 4.0	1.1/31.7	26746
2002 LR ₃₄	2007 11 01.2	02 24.05 +11 55.5 18.4	-1.06 - 0.5	1.0/31.8	26624	2002 XO ₉₅	2007 11 01.5	02 25.03 +16 39.9 19.1	-0.79 - 7.2	0.8/02.2	26655
2005 GR ₁₁₇	2007 11 01.2	02 24.06 +14 12.2 19.5	-0.94 - 2.4	0.0/01.3	26744	2005 EO ₇₇	2007 11 01.5	02 25.05 +10 23.7 19.1	-0.99 - 3.9	1.8/31.6	26732
2003 WD ₈₉	2007 11 01.2	02 24.07 -00 04.7 19.2	-1.03 + 0.6	5.4/29.4	26692	2002 PD ₃₃	2007 11 01.5	02 25.06 +19 05.6 18.8	-0.89 - 5.9	1.8/02.9	25860
2003 UL ₂₀	2007 11 01.2	02 24.08 +16 15.4 19.2	-1.02 - 2.8	0.8/01.8	26678	2004 BC ₂₀	2007 11 01.5	02 25.10 -02 28.9 20.6	-0.75 - 2.4	4.2/28.2	87605
2002 XK ₁₀₂	2007 11 01.3	02 24.00 +20 20.4 19.8	-0.80 - 6.0	1.9/03.1	26655	2002 GS ₈₈	2007 11 01.5	02 25.12 -00 44.2 20.6	-1.00 - 2.6	5.1/29.0	08250
2003 ED ₅₉	2007 11 01.3	02 24.02 -22 48.2 19.2	-0.88 -13.2	16.7/17.0	26657	2000 WH ₉₀	2007 11 01.5	02 25.17 +09 58.2 18.6	-1.09 - 0.7	1.9/31.7	26583
2006 PO ₁₈	2007 11 01.3	02 24.02 -01 11.7 20.1	-0.75 - 3.3	4.6/28.2	26184	2000 YV ₁₅	2007 11 01.5	02 25.18 +08 53.6 18.5	-0.95 - 1.3	2.9/31.3	25819
2005 AS ₃₀	2007 11 01.3	02 24.03 +09 19.9 20.4	-0.95 - 4.6	1.7/31.0	26722	1992 EX ₇	2007 11 01.5	02 25.18 +22 38.0 20.1	-1.03 - 3.6	2.9/03.6	26548

2002 TO ₃₇₅	2007 11 01.5	02 25.24 +17 30.8	19.2	-0.92	- 2.3	1.1/02.4	26647
2005 JZ ₉₉	2007 11 01.6	02 25.17 +05 40.2	20.6	-0.73	- 5.6	2.5/30.1	86740
2002 TM ₃₃₂	2007 11 01.6	02 25.20 +15 21.9	20.4	-0.95	- 1.8	0.3/01.8	26647
3318 T-3	2007 11 01.6	02 25.21 +12 54.7	19.0	-1.01	- 2.2	0.7/01.3	26547
2002 RY ₁₁₆	2007 11 01.6	02 25.23 +32 12.0	19.8	-1.05	- 3.9	5.8/06.5	77641
2004 BO ₆₀	2007 11 01.6	02 25.24 +04 27.8	20.6	-0.87	- 3.7	3.5/30.0	26705
2005 EU ₉₇	2007 11 01.6	02 25.25 +17 00.7	19.7	-1.02	- 6.1	1.0/02.3	76867
2006 KT ₄₂	2007 11 01.6	02 25.26 +11 06.7	19.6	-0.97	- 3.7	1.3/31.8	26768
1998 RO ₁₀	2007 11 01.6	02 25.27 +08 30.7	20.8	-0.87	- 5.5	2.1/31.0	26553
2004 EC ₃	2007 11 01.6	02 25.34 +11 47.3	18.9	-0.92	- 0.5	0.9/01.1	26711
2002 QU ₉₀	2007 11 01.6	02 25.36 +25 17.9	19.8	-1.10	- 1.0	3.7/04.0	24368
2004 EU ₄₉	2007 11 01.6	02 25.44 +09 00.2	20.3	-0.80	- 3.3	1.6/31.3	66343
2002 CS ₂₄₀	2007 11 01.6	02 25.47 +24 52.7	20.7	-1.13	- 3.9	3.9/04.2	57851
2002 EB ₉₅	2007 11 01.6	02 25.55 +16 59.7	20.7	-1.06	- 3.8	0.9/02.3	26615
2002 NO ₅₉	2007 11 01.6	02 25.58 +07 28.7	20.2	-0.93	- 3.1	2.3/31.0	26626
2002 JQ ₅₃	2007 11 01.7	02 25.56 +13 50.5	19.8	-1.05	- 3.9	0.2/01.6	26622
2005 JA ₂₉	2007 11 01.7	02 25.57 +00 33.6	19.5	-0.76	- 3.9	4.2/28.9	26746
2006 HM ₂₈	2007 11 01.7	02 25.59 -05 10.6	22.4	-0.85	- 4.5	6.1/27.5	02322
2005 CN ₂₅	2007 11 01.7	02 25.62 +27 05.4	18.9	-1.08	- 3.7	5.7/04.9	26726
2000 VR ₄₂	2007 11 01.7	02 25.62 +17 02.4	18.4	-1.18	+ 1.2	1.2/02.2	26582
2004 DF ₆₁	2007 11 01.7	02 25.62 +11 53.2	21.1	-0.78	- 4.2	0.7/01.0	26711
1995 DU ₈	2007 11 01.7	02 25.63 +00 29.4	18.7	-0.74	- 6.3	6.0/28.6	26549
2003 UY ₂₀₉	2007 11 01.7	02 25.65 +19 30.8	18.8	-0.94	- 5.8	2.0/03.1	26685
2002 PS ₁₈₀	2007 11 01.7	02 25.67 +16 49.5	19.8	-0.89	- 6.3	0.8/02.4	15737
2002 CY ₅₁	2007 11 01.7	02 25.68 +19 22.4	20.0	-1.09	- 4.5	1.9/02.9	26609
2002 OP ₂₂	2007 11 01.7	02 25.68 +07 53.5	18.8	-0.83	- 8.8	2.2/30.8	26627
2007 RJ ₁₄₂	2007 11 01.7	02 25.69 +20 04.2	17.8	-1.16	+ 1.7	2.3/02.8	26439
2005 CL ₁₉	2007 11 01.7	02 25.72 +16 05.4	20.0	-1.01	- 5.4	0.6/02.2	26726
2006 HB ₁₀₅	2007 11 01.7	02 25.72 +00 38.3	21.0	-0.91	- 7.3	4.9/28.9	01719
2003 SA ₂₅₈	2007 11 01.7	02 25.73 +29 02.0	20.7	-1.15	- 4.3	5.1/06.0	02173
2002 FB ₂	2007 11 01.7	02 25.73 +10 08.9	21.0	-0.96	- 5.5	1.4/31.6	03308
2005 LF ₃₆	2007 11 01.7	02 25.76 +08 11.1	19.1	-0.85	- 2.0	2.0/31.2	09281
2002 LW ₄₁	2007 11 01.7	02 25.77 +06 17.6	18.9	-0.88	- 6.3	3.1/30.5	26624
2004 FS ₃₅	2007 11 01.7	02 25.77 +27 19.1	20.6	-1.00	- 0.3	3.7/04.6	62093
2005 ER ₁₄₂	2007 11 01.7	02 25.80 +17 49.8	19.2	-1.07	- 0.8	1.2/02.5	26735
2005 GC ₁₂₉	2007 11 01.7	02 25.80 +26 18.5	20.4	-0.99	- 5.1	4.0/04.9	86709
2006 KE ₁₁₆	2007 11 01.7	02 25.81 +18 50.4	19.5	-0.87	-10.5	1.6/03.1	26180
2002 WY ₇	2007 11 01.7	02 25.84 +12 09.5	19.4	-0.83	- 4.3	0.8/01.2	26652
2007 TV ₅₅	2007 11 01.7	02 25.84 +13 33.9	18.8	-0.81	- 8.3	0.4/01.5	26533
2002 SE ₁₄	2007 11 01.7	02 25.88 +19 03.8	19.9	-0.95	- 2.5	1.4/02.9	04224
2005 JR ₁₆₄	2007 11 01.7	02 25.89 +18 50.9	20.0	-0.85	- 7.6	1.3/03.1	26747
2000 XC ₄₆	2007 11 01.7	02 25.89 +37 13.5	18.7	-1.81	+11.3	11.2/03.3	26584
2002 RD ₁₉₀	2007 11 01.7	02 25.92 +17 28.6	19.5	-0.91	- 3.9	1.1/02.6	26637
1998 QJ ₉₄	2007 11 01.7	02 25.92 +37 53.6	19.2	-1.13	- 3.1	9.1/08.5	74579
2000 VQ ₂₆	2007 11 01.7	02 25.94 +15 23.6	17.8	-0.95	- 1.7	0.5/02.0	26582
2004 EA ₅₂	2007 11 01.7	02 26.01 +18 52.9	21.5	-0.79	- 3.3	1.2/03.0	08956
2001 EQ ₂	2007 11 01.7	02 26.03 +01 56.5	19.6	-0.94	- 3.0	4.2/29.7	26588
2000 HW ₃₇	2007 11 01.8	02 25.95 -00 58.6	19.9	-0.93	+ 0.8	4.2/29.6	04136
2003 SX ₁₅₇	2007 11 01.8	02 25.99 +13 25.5	18.8	-0.86	- 8.2	0.5/01.5	25927
2002 CE ₁₇₃	2007 11 01.8	02 26.00 +09 57.9	21.0	-1.06	- 4.1	1.6/31.7	75291
2005 ET ₆₉	2007 11 01.8	02 26.01 +21 51.5	19.9	-0.99	- 4.4	2.6/03.7	76827

2000 QG ₅₇	2007 11 01.8	02 26.08 +05 40.0	19.3	-1.04	- 5.1	3.4/30.6	26573
2004 CL ₆₈	2007 11 01.8	02 26.12 +10 39.1	19.5	-0.84	- 5.3	1.5/31.8	26708
2002 EH ₁₂	2007 11 01.8	02 26.12 +14 00.5	19.8	-1.07	- 3.8	0.2/01.7	26613
2002 NW ₆₃	2007 11 01.8	02 26.13 +25 39.9	20.7	-1.00	- 4.7	3.7/04.8	17445
2002 VX ₄₃	2007 11 01.8	02 26.15 +09 35.6	18.7	-0.94	- 0.2	1.7/31.8	26650
2005 EQ ₃₂₃	2007 11 01.8	02 26.18 +07 16.1	20.6	-0.83	- 7.4	2.3/30.7	09162
2005 GN ₁₁₀	2007 11 01.8	02 26.22 +14 32.1	18.5	-0.81	- 6.9	0.0/01.9	26743
2002 JD ₈₄	2007 11 01.8	02 26.27 +16 04.7	20.1	-1.10	- 3.8	0.6/02.2	26622
2001 SN ₁₅₀	2007 11 01.8	02 26.29 +38 46.2	20.5	-1.10	- 0.1	6.1/07.8	10796
2004 BZ ₉₆	2007 11 01.8	02 26.30 +30 01.1	20.1	-0.89	- 3.3	4.3/06.0	66328
2003 HS ₄₇	2007 11 01.8	02 26.36 +09 52.9	18.4	-0.99	- 7.6	2.1/31.6	25906
2003 SH ₁₅₆	2007 11 01.8	02 26.37 +16 52.7	19.3	-0.98	- 5.4	1.0/02.5	25927
2005 JN ₅₅	2007 11 01.8	02 26.38 -00 39.9	19.7	-0.81	- 1.8	4.9/29.1	26746
2002 GT ₄₈	2007 11 01.8	02 26.39 +11 01.9	19.4	-0.92	- 7.9	1.4/31.9	26617
2002 TJ ₁₀₉	2007 11 01.8	02 26.40 +17 47.1	19.0	-1.06	+ 0.7	1.3/02.6	25885
2000 YU ₇	2007 11 01.8	02 26.40 +03 56.7	18.9	-0.90	- 4.5	5.2/30.1	26584
2005 EG ₂₃₄	2007 11 01.8	02 26.43 +11 26.7	20.5	-0.97	- 2.2	1.0/01.2	97781
2003 WJ ₁₄₆	2007 11 01.9	02 26.35 +37 01.8	19.2	-1.23	+ 0.2	9.4/07.2	26695
2002 CF ₂₃₉	2007 11 01.9	02 26.40 +10 09.3	19.6	-0.98	- 6.6	1.6/31.7	30688
2002 NK ₆₄	2007 11 01.9	02 26.41 -08 07.7	21.4	-0.93	- 1.4	7.6/27.6	18016
2002 PZ ₉₈	2007 11 01.9	02 26.42 -00 09.6	18.9	-0.88	- 2.6	5.6/29.4	26628
2005 EU ₁₆₉	2007 11 01.9	02 26.45 -25 48.7	19.8	-0.85	+ 0.5	10.4/22.8	04321
2003 OM ₁₂	2007 11 01.9	02 26.45 -04 35.6	20.1	-0.94	- 7.0	7.7/27.7	26659
2004 ES ₃₂	2007 11 01.9	02 26.46 +32 53.4	19.5	-0.89	- 4.4	5.1/07.1	77778
2002 CS ₁₇₀	2007 11 01.9	02 26.48 +13 01.0	19.4	-1.05	- 3.8	0.5/01.6	26611
2000 YM ₁₀₉	2007 11 01.9	02 26.49 +21 53.0	19.0	-1.04	- 4.4	3.0/03.8	26585
2004 BY ₇₂	2007 11 01.9	02 26.49 +20 30.6	20.7	-0.84	- 4.2	1.7/03.5	26706
1999 UF ₂₇	2007 11 01.9	02 26.56 +19 51.9	19.4	-0.97	- 2.5	2.6/03.2	26560
2002 RE ₁₃₁	2007 11 01.9	02 26.58 +33 15.9	20.4	-1.11	- 0.4	7.4/06.4	50648
2001 QS ₁₃₂	2007 11 01.9	02 26.60 +41 49.3	18.8	-1.02	- 0.6	11.0/09.3	40345
2003 SK ₁₃	2007 11 01.9	02 26.62 +21 37.6	19.2	-1.11	- 2.9	2.9/03.6	26666
2003 YV ₂₉	2007 11 01.9	02 26.62 +01 33.0	18.8	-0.93	- 1.9	4.9/29.8	26699
2003 YA ₂₀	2007 11 01.9	02 26.69 +08 48.5	18.9	-0.90	- 2.6	2.1/31.6	26698
2005 JD ₁₇₈	2007 11 01.9	02 26.70 +13 28.8	20.0	-0.76	- 6.0	0.3/01.7	26748
2003 SN ₂₉₄	2007 11 01.9	02 26.70 +05 51.6	18.6	-0.93	- 5.4	3.1/30.7	26675
2002 NH ₅₀	2007 11 01.9	02 26.71 +13 10.1	18.9	-0.95	- 3.3	0.6/01.6	25855
2005 JZ ₁₆₅	2007 11 01.9	02 26.78 +11 54.4	20.1	-0.85	- 4.7	0.9/01.3	26747
2005 EZ ₃₀	2007 11 01.9	02 26.79 +18 50.0	19.8	-0.99	- 7.0	1.7/03.2	26029
2003 UT ₃₀₂	2007 11 01.9	02 26.79 +16 14.7	20.5	-0.96	- 6.8	0.6/02.5	26688
2004 FC ₄₉	2007 11 02.0	02 26.76 +09 18.1	19.3	-0.76	- 6.7	1.7/31.5	26712
2004 XU ₆₀	2007 11 02.0	02 26.79 +21 12.2	19.5	-1.05	- 5.9	2.9/03.8	26010
2005 AW ₄₆	2007 11 02.0	02 26.83 +08 55.5	20.4	-1.00	- 4.4	2.0/31.6	26723
2005 CX ₁₆	2007 11 02.0	02 26.83 +18 12.7	20.6	-1.03	- 4.6	1.3/02.9	77810
2001 QO ₂₈₈	2007 11 02.0	02 26.83 +24 15.7	19.5	-0.81	- 6.8	3.0/05.0	23682
2004 FM ₁₄₅	2007 11 02.0	02 26.84 +13 44.5	21.2	-0.79	- 3.5	0.2/01.8	25999
2003 EB ₄₈	2007 11 02.0	02 26.86 +39 23.7	19.8	-1.04	- 2.5	7.6/08.3	24391
2005 GQ ₂₃	2007 11 02.0	02 26.91 +01 55.8	21.0	-0.86	- 5.8	3.9/29.5	04325
2006 HM ₆₅	2007 11 02.0	02 26.91 +11 59.3	19.5	-0.90	- 9.0	1.1/01.3	26159
2003 SP ₃₂₇	2007 11 02.0	02 26.92 +14 13.6	20.6	-0.98	- 6.6	0.1/02.0	08767
2003 WW ₆₄	2007 11 02.0	02 26.96 +04 09.6	19.5	-1.05	- 0.6	3.8/30.8	76214
2001 QW ₁₈₇	2007 11 02.0	02 26.96 +31 49.8	17.4	-0.78	- 7.8	6.8/07.8	25827

2003 UC ₂₂₇	2007 11 02.0	02 26.96 +21 31.7 19.0	-1.04 - 2.8	3.0/03.7	25947
2006 ET ₁₇	2007 11 02.0	02 26.98 +11 07.3 21.2	-1.04 - 5.6	1.3/01.2	21855
2006 HH ₁₆	2007 11 02.0	02 26.99 +09 45.6 21.1	-1.08 - 3.9	1.8/31.9	02320
2004 DD ₄₁	2007 11 02.0	02 27.00 +20 45.8 19.4	-0.92 - 1.5	2.0/03.5	26710
2003 SY ₁₈₆	2007 11 02.0	02 27.07 +06 35.6 20.2	-0.97 - 5.3	3.0/31.0	26671
2006 PJ ₂₁	2007 11 02.0	02 27.07 +54 10.2 20.0	-1.29 - 1.5	10.7/14.9	11179
2005 ET ₁₅₃	2007 11 02.0	02 27.09 -12 31.8 19.7	-1.13 + 3.1	10.1/27.8	26735
2005 EM ₁₉₇	2007 11 02.0	02 27.09 +15 37.8 19.7	-0.90 - 4.7	0.4/02.4	77844
2002 EA ₉₆	2007 11 02.0	02 27.11 +21 01.2 19.8	-1.06 - 5.0	2.3/03.7	26615
2002 QJ ₈₃	2007 11 02.0	02 27.13 +13 53.4 20.6	-0.90 - 5.3	0.2/01.9	25867
2002 GT ₁₃₅	2007 11 02.0	02 27.18 +18 25.3 20.7	-1.05 - 3.8	1.4/03.0	26619
2002 ST ₆₁	2007 11 02.0	02 27.19 +11 24.0 20.3	-0.83 - 7.0	1.1/01.2	25880
2005 EF ₂₉₀	2007 11 02.0	02 27.20 +10 17.5 19.7	-0.85 - 4.4	1.4/32.0	26740
2004 EZ ₅	2007 11 02.1	02 27.14 +13 00.3 19.3	-0.82 - 2.2	0.5/01.7	25994
2002 GP ₃₇	2007 11 02.1	02 27.14 +13 01.9 20.4	-0.97 - 5.7	0.5/01.7	26617
1999 RJ ₅	2007 11 02.1	02 27.14 +15 44.7 20.9	-1.01 - 4.9	0.5/02.4	26556
2007 TD ₆₀	2007 11 02.1	02 27.14 +18 38.6 18.5	-0.93 - 1.4	2.0/03.1	26534
2004 CB ₇₄	2007 11 02.1	02 27.17 +08 12.5 19.8	-0.80 - 1.9	1.7/31.6	26708
2001 ST ₉₈	2007 11 02.1	02 27.17 +06 12.5 19.6	-0.74 - 6.2	2.6/30.7	75116
2001 XU ₁₈₇	2007 11 02.1	02 27.21 +17 59.8 18.1	-1.00 - 7.0	1.7/03.1	26605
2007 TY ₁₂	2007 11 02.1	02 27.21 +15 06.8 18.6	-1.08 - 2.1	0.3/02.2	26522
2002 GT ₇₁	2007 11 02.1	02 27.22 +12 33.2 20.4	-1.00 - 4.4	0.7/01.6	26618
2001 EE ₄	2007 11 02.1	02 27.23 -04 21.4 20.0	-0.84 - 5.1	5.9/27.9	77516
2004 GP ₄₄	2007 11 02.1	02 27.26 +31 04.7 19.2	-1.02 + 0.4	4.9/05.8	26713
2005 GP ₂₃	2007 11 02.1	02 27.27 -24 03.6 20.3	-0.78 - 2.4	10.2/21.9	04325
2002 XT	2007 11 02.1	02 27.28 +07 19.6 19.5	-0.83 - 3.1	2.3/31.3	26652
2002 EH ₁₀₃	2007 11 02.1	02 27.37 +21 48.3 19.7	-1.11 - 3.2	2.7/03.9	26615
2001 OF ₄₁	2007 11 02.1	02 27.43 -15 11.5 19.0	-0.85 + 1.7	11.8/26.5	26592
2003 ST ₂₇₁	2007 11 02.1	02 27.44 +06 31.4 19.0	-0.88 - 6.8	3.4/30.9	26674
2001 US ₁₇₁	2007 11 02.1	02 27.56 +10 57.9 19.4	-0.71 - 9.2	1.0/01.0	26603
2002 TP ₁₅₅	2007 11 02.1	02 27.56 +15 43.5 19.7	-0.86 - 6.9	0.4/02.5	26643
2004 CD ₂₈	2007 11 02.1	02 27.58 +15 23.6 20.9	-0.85 - 3.9	0.3/02.4	26708
2002 VA ₁₁	2007 11 02.1	02 27.60 +12 27.4 18.6	-0.93 - 0.9	0.7/01.7	26649
2001 KQ ₃₂	2007 11 02.2	02 27.52 +14 06.4 18.7	-0.79 - 9.1	0.2/02.1	26591
2001 SA ₂₉₈	2007 11 02.2	02 27.55 +28 25.0 20.6	-0.93 - 2.4	4.1/05.7	84972
2005 LL ₃₈	2007 11 02.2	02 27.57 +16 56.0 19.8	-0.71 - 6.7	0.6/02.9	26748
2005 AC ₁₀	2007 11 02.2	02 27.57 +27 58.2 18.9	-1.08 - 1.5	7.2/05.4	26721
2002 RL ₄₂	2007 11 02.2	02 27.57 +08 32.9 19.1	-0.88 - 4.1	2.2/31.7	26634
2002 TB ₁₆₇	2007 11 02.2	02 27.57 +36 09.0 19.1	-1.02 - 3.7	7.9/08.2	62417
2003 WC ₁₅₄	2007 11 02.2	02 27.60 -38 19.8 20.2	-1.49 +10.5	21.5/22.0	58075
2005 AF ₁₈	2007 11 02.2	02 27.63 +18 23.2 19.3	-1.09 - 5.0	1.7/03.2	26721
2006 HW ₄₈	2007 11 02.2	02 27.66 +00 09.4 19.6	-0.85 - 7.7	4.9/29.1	26761
2006 HZ ₈₉	2007 11 02.2	02 27.72 -09 35.5 20.8	-0.90 - 2.3	7.8/27.4	26162
2005 EO ₂₁₅	2007 11 02.2	02 27.76 +15 11.1 20.1	-0.90 - 6.1	0.2/02.4	26737
2006 HD ₁₉	2007 11 02.2	02 27.77 +08 36.5 17.6	-1.19 + 6.0	3.1/01.5	26760
1999 UQ ₅₃	2007 11 02.2	02 27.80 +14 31.7 19.8	-0.94 - 5.4	0.0/02.2	26560
2006 GZ ₃₉	2007 11 02.2	02 27.82 +15 05.2 20.1	-1.04 - 6.7	0.2/02.4	26151
2001 RD ₃₂	2007 11 02.2	02 27.83 +42 25.8 18.1	-0.98 - 2.6	11.2/10.9	40475
2003 WQ ₈₂	2007 11 02.2	02 27.84 -11 02.8 18.7	-0.82 - 3.8	10.8/25.9	26692
2002 QF ₆₀	2007 11 02.2	02 27.88 +26 12.7 19.5	-0.92 - 5.9	4.4/05.6	26631
1999 UU ₃₃	2007 11 02.2	02 27.88 +14 50.4 19.2	-0.71 - 2.7	0.1/02.3	26560

2005 JG ₁₅₂	2007 11 02.2	02 27.88 +18 24.4 20.5	-0.95 - 2.4	1.2/03.2	86752
2003 SK ₈₂	2007 11 02.2	02 27.90 +21 31.2 19.2	-1.15 + 0.7	3.2/03.7	25924
2000 GQ ₁₂₂	2007 11 02.2	02 27.91 +09 48.3 19.6	-0.78 - 6.3	1.4/31.9	24306
2004 DN ₆₂	2007 11 02.2	02 27.94 -02 22.5 20.0	-0.78 - 3.6	5.1/28.7	89517
2002 PM ₁₇₉	2007 11 02.2	02 27.94 +10 38.1 20.4	-0.86 - 6.0	1.4/01.2	13913
2004 YW ₃₁	2007 11 02.2	02 27.95 +23 49.7 20.4	-1.13 - 3.8	3.6/04.5	19180
2003 WA ₄₀	2007 11 02.2	02 27.98 +21 03.8 19.2	-1.00 - 4.4	2.7/04.0	25959
2006 PC	2007 11 02.3	02 27.91 +11 40.3 19.8	-0.82 - 4.9	0.9/01.5	03972
1999 TT ₁₂₁	2007 11 02.3	02 27.92 +13 52.8 18.5	-0.73 - 2.4	0.3/02.1	25794
2005 EM ₂	2007 11 02.3	02 27.94 +26 51.1 18.5	-1.05 - 2.8	5.9/05.3	26729
2002 GB ₁₇₅	2007 11 02.3	02 27.97 +08 59.6 20.1	-0.98 - 4.5	2.0/31.9	26620
2002 GK ₄₁	2007 11 02.3	02 27.99 +13 58.0 19.9	-0.96 - 6.2	0.2/02.1	26617
2006 KL ₂₂	2007 11 02.3	02 28.00 -06 24.4 19.6	-1.06 + 2.3	8.3/29.5	26767
2002 PM ₇₂	2007 11 02.3	02 28.03 +26 43.1 19.4	-0.94 - 7.2	4.0/06.0	77617
1998 HN ₁₂	2007 11 02.3	02 28.06 -06 50.8 19.9	-1.15 + 4.9	9.3/30.3	93721
2000 AC ₅₃	2007 11 02.3	02 28.06 -12 18.6 18.3	-1.17 + 9.4	13.8/29.9	26566
1995 WR ₁₃	2007 11 02.3	02 28.10 +06 50.3 20.5	-0.91 - 4.4	2.5/31.3	77357
2005 JW ₆₈	2007 11 02.3	02 28.12 -05 25.2 21.8	-0.75 - 2.1	4.8/28.2	87672
2004 FP ₄₅	2007 11 02.3	02 28.12 +39 43.9 20.3	-1.25 + 2.2	7.5/07.4	04302
2004 DQ ₃₀	2007 11 02.3	02 28.12 +30 42.8 20.4	-0.88 - 2.2	3.9/06.5	11033
2004 DJ ₃₉	2007 11 02.3	02 28.14 +13 37.9 19.7	-0.84 - 3.8	0.3/02.1	26710
2005 GH ₁₁₅	2007 11 02.3	02 28.14 +16 39.4 19.5	-1.02 - 2.5	0.8/02.8	26744
2002 PU ₁₀₂	2007 11 02.3	02 28.14 -07 27.4 18.5	-0.80 - 6.4	8.4/26.8	26628
2003 WO ₁₆₉	2007 11 02.3	02 28.18 +04 46.5 19.4	-1.02 - 0.8	3.4/31.2	26696
2004 DS ₃₃	2007 11 02.3	02 28.18 +11 10.4 20.7	-0.76 - 3.6	0.9/01.4	26710
2003 PP ₅	2007 11 02.3	02 28.21 +09 00.7 18.5	-0.88 - 7.6	2.6/31.8	26660
2005 EJ ₁₀₉	2007 11 02.3	02 28.22 +15 52.7 19.0	-0.96 - 8.5	0.5/02.7	26734
2002 TS ₃₂₆	2007 11 02.3	02 28.22 +17 18.0 20.0	-0.93 - 2.8	0.9/03.0	26647
2005 JT ₁₁₉	2007 11 02.3	02 28.23 +05 51.1 20.7	-0.74 - 3.5	2.3/31.0	87674
2004 DU ₅₁	2007 11 02.3	02 28.28 +05 12.5 20.0	-0.75 - 4.1	2.7/30.8	26710
2005 AO ₂₃	2007 11 02.3	02 28.30 +02 20.2 19.5	-0.97 - 3.9	4.8/30.3	26721
2002 EQ ₁₃₅	2007 11 02.3	02 28.32 +11 48.6 19.8	-1.07 - 4.5	1.2/01.7	26616
2001 JC ₁₀	2007 11 02.3	02 28.32 -05 47.3 19.5	-0.86 - 3.5	6.2/28.0	26591
2003 YR ₃₉	2007 11 02.3	02 28.35 +17 39.5 19.9	-0.95 - 3.3	1.2/03.1	26699
2002 XR ₇₅	2007 11 02.3	02 28.36 -02 16.7 19.3	-0.87 - 0.3	5.2/29.5	26654
2005 EC ₃₁₁	2007 11 02.3	02 28.37 +03 26.1 19.5	-0.89 - 5.0	4.3/30.4	26740
2002 QK ₉₅	2007 11 02.4	02 28.31 +04 53.1 20.7	-0.89 - 3.5	3.3/31.0	26632
2005 EE ₂₁	2007 11 02.4	02 28.33 +08 12.1 21.0	-0.91 - 4.4	2.1/31.8	26730
2006 HQ ₅₂	2007 11 02.4	02 28.34 +00 38.5 20.5	-0.96 - 1.5	4.7/30.4	01672
2002 CF ₂₀₁	2007 11 02.4	02 28.34 +07 38.3 19.1	-1.01 - 5.0	2.9/31.7	26611
2002 JR ₄₈	2007 11 02.4	02 28.35 +20 12.9 18.9	-0.94 -11.3	2.2/04.2	26621
2004 GA ₃₀	2007 11 02.4	02 28.37 +13 28.1 19.4	-0.83 - 2.5	0.4/02.1	26713
2003 WR ₅₅	2007 11 02.4	02 28.39 +17 04.1 19.2	-1.00 - 2.3	1.0/03.0	25961
2003 UW ₂₇₄	2007 11 02.4	02 28.45 +08 10.8 18.4	-0.81 - 9.1	2.7/31.4	26687
2004 XE ₁₄₇	2007 11 02.4	02 28.46 -33 50.3 18.4	-1.07 + 0.5	21.1/17.0	26719
2002 PL ₈₇	2007 11 02.4	02 28.46 +33 17.2 19.5	-1.13 - 2.4	6.6/07.3	22707
2002 QV ₄₆	2007 11 02.4	02 28.50 +18 48.2 18.8	-1.00 - 1.0	1.6/03.4	26631
2006 QU ₁₁	2007 11 02.4	02 28.51 +42 56.4 21.1	-1.14 - 2.2	7.9/10.3	11184
4192 T-3	2007 11 02.4	02 28.51 +12 45.4 18.9	-1.09 + 0.7	0.8/02.1	26834
2006 KW ₅₃	2007 11 02.4	02 28.53 +12 05.6 19.6	-0.97 - 7.9	1.1/01.7	26176
2006 BH ₁₅₇	2007 11 02.4	02 28.59 +04 10.8 20.0	-1.08 - 4.7	4.1/31.0	26751

2005 GL ₁₁₄	2007 11 02.4	02 28.59 +10 48.8 20.5	-0.84 - 4.5	1.3/01.4	02250
2002 CF ₁₅₂	2007 11 02.4	02 28.64 +17 03.7 20.0	-1.11 - 3.7	0.9/03.0	26611
2000 DB ₂₄	2007 11 02.4	02 28.68 +12 04.6 20.5	-0.89 - 4.8	0.8/01.8	88703
2000 VZ ₂₃	2007 11 02.4	02 28.70 +15 42.2 17.9	-1.09 - 0.5	0.5/02.7	25816
2003 WM ₅₉	2007 11 02.4	02 28.72 +07 19.7 19.2	-1.01 - 1.2	2.8/31.9	26691
2004 CT ₃₉	2007 11 02.4	02 28.74 -09 28.7 21.5	-0.74 - 5.1	5.9/26.2	66332
2006 HB ₁₂₀	2007 11 02.4	02 28.77 +13 21.4 20.3	-1.10 - 4.4	0.6/02.2	26165
1999 RS ₄₁	2007 11 02.4	02 28.77 -18 58.6 19.8	-1.02 -10.9	14.9/21.9	26556
2003 SW ₁₄	2007 11 02.4	02 28.77 +15 43.7 19.7	-1.05 - 4.1	0.4/02.7	26666
2003 WV ₁₀₂	2007 11 02.4	02 28.79 +38 00.3 18.6	-1.27 + 1.1	9.9/07.7	26693
1998 HL ₁₀	2007 11 02.4	02 28.79 +26 30.7 19.9	-1.11 + 2.3	4.1/04.7	43334
1999 XN ₁₃₄	2007 11 02.5	02 28.69 +08 13.2 18.7	-1.13 + 1.6	2.7/01.3	26564
2002 QF ₁₀₂	2007 11 02.5	02 28.69 +31 37.3 18.6	-1.09 - 1.7	6.8/06.8	04215
2000 UT ₁₁₄	2007 11 02.5	02 28.70 +19 18.9 18.4	-1.03 - 3.1	2.3/03.6	26581
2004 BL ₁₃₀	2007 11 02.5	02 28.71 +08 50.1 21.3	-0.76 - 3.9	1.6/32.0	11024
2005 EM ₃₄	2007 11 02.5	02 28.71 +09 48.4 20.9	-0.83 - 4.8	1.4/01.2	19648
2003 WU ₉	2007 11 02.5	02 28.74 +21 33.8 19.3	-1.15 0.0	2.5/03.9	26689
2007 TE ₆₉	2007 11 02.5	02 28.77 +11 02.8 19.2	-0.78 - 7.4	1.2/01.4	26535
2006 HM ₅₅	2007 11 02.5	02 28.93 +11 28.0 19.8	-1.10 - 3.3	1.3/01.8	26762
2003 WS ₁₀₆	2007 11 02.5	02 28.94 +03 50.8 18.5	-1.10 + 2.9	4.6/31.7	26693
2002 HG ₆	2007 11 02.5	02 28.95 +19 00.7 19.9	-1.06 - 3.7	1.5/03.6	26620
2005 EU ₂₁	2007 11 02.5	02 29.01 +18 11.0 18.7	-1.03 - 3.8	1.6/03.4	26730
2003 QD ₃₆	2007 11 02.5	02 29.04 +17 02.4 19.5	-1.04 - 5.3	0.9/03.2	25912
2003 AE ₄	2007 11 02.5	02 29.05 -33 46.9 19.1	-0.99 - 4.6	23.0/17.0	26655
2006 KS ₃₉	2007 11 02.5	02 29.06 -07 38.5 21.0	-0.91 - 3.8	7.5/28.0	09571
2005 EO ₅₀	2007 11 02.5	02 29.08 +03 38.5 20.6	-0.92 - 7.5	4.3/30.4	09125
2006 DW ₈₇	2007 11 02.5	02 29.08 -00 19.3 19.7	-0.97 - 6.9	6.2/29.6	97204
2000 AT ₉₄	2007 11 02.5	02 29.09 +25 23.2 18.8	-0.89 - 5.5	4.9/05.6	26566
2003 QW ₈₆	2007 11 02.5	02 29.13 +12 00.4 18.3	-0.88 - 6.2	1.3/01.9	26664
2003 UT ₂₀₇	2007 11 02.5	02 29.14 +09 22.8 18.5	-0.95 - 1.4	2.4/01.4	26685
2002 RY ₂₄₄	2007 11 02.5	02 29.15 +30 25.4 18.6	-1.10 - 1.2	5.8/06.3	75625
2006 JF ₂₇	2007 11 02.5	02 29.18 +11 30.8 20.7	-1.02 - 7.5	1.3/01.7	26765
2005 EO ₄₃	2007 11 02.6	02 29.10 +25 21.7 20.9	-1.19 - 2.5	4.2/05.0	77823
2004 EF ₁₃	2007 11 02.6	02 29.12 +06 06.2 20.5	-0.76 - 3.5	2.3/31.3	62008
2002 LH ₁₃	2007 11 02.6	02 29.13 +05 45.9 20.0	-0.94 - 4.6	3.4/31.4	69377
2005 EL ₁₃	2007 11 02.6	02 29.14 +11 03.8 20.7	-0.99 - 4.7	1.4/01.7	22501
2004 CW ₇₃	2007 11 02.6	02 29.16 +04 46.7 19.6	-0.83 - 2.9	3.1/31.1	26708
2004 EL ₆₉	2007 11 02.6	02 29.17 +04 19.6 20.5	-0.77 - 5.9	3.3/30.6	00712
2002 FD ₉	2007 11 02.6	02 29.17 +23 04.7 20.2	-1.12 - 4.3	3.2/04.7	26616
2003 SE ₂₂₅	2007 11 02.6	02 29.18 +14 21.6 20.2	-1.01 - 5.8	0.1/02.5	26672
2000 UP ₈₄	2007 11 02.6	02 29.25 +11 38.7 18.6	-1.10 - 2.2	1.3/02.0	26581
2001 EA ₉	2007 11 02.6	02 29.25 +14 53.6 20.1	-0.95 - 3.7	0.1/02.7	26588
2002 PA ₃₇	2007 11 02.6	02 29.26 -08 44.2 19.7	-0.75 - 8.1	9.6/26.3	74197
2002 NN ₄₉	2007 11 02.6	02 29.28 -00 10.8 18.5	-0.87 - 3.6	5.6/29.9	26625
2002 UP ₆₅	2007 11 02.6	02 29.28 +11 23.0 21.1	-0.88 - 3.5	1.1/01.8	25890
2006 JQ ₃₇	2007 11 02.6	02 29.31 +09 31.4 20.2	-1.04 - 1.4	2.0/01.5	26766
1994 JT ₁	2007 11 02.6	02 29.33 +10 56.8 19.9	-0.77 - 6.0	1.2/01.6	26548
2002 VR ₈₁	2007 11 02.6	02 29.38 -04 39.9 19.4	-0.85 - 1.1	6.2/29.0	26650
2001 SN ₁₇₀	2007 11 02.6	02 29.38 +36 21.5 19.2	-1.02 - 1.4	6.9/08.1	26599
2005 JV ₈₁	2007 11 02.6	02 29.42 +04 43.0 20.6	-0.80 - 4.0	3.0/31.0	77232
2003 SD ₂₆₈	2007 11 02.6	02 29.43 +18 46.6 20.5	-1.06 - 3.7	1.5/03.6	26674

2002 VH ₁₂₅	2007 11 02.6	02 29.56 +23 11.0 19.5	-0.93 - 2.1	2.6/04.7	26652
2001 UR ₁₁₀	2007 11 02.7	02 29.49 +07 47.6 19.5	-0.71 - 8.8	2.0/31.5	26603
2003 AZ ₄₂	2007 11 02.7	02 29.50 +31 44.1 19.3	-0.88 - 4.3	5.1/07.5	26656
2006 KZ ₁₄	2007 11 02.7	02 29.50 -10 46.4 20.6	-0.98 - 1.5	8.8/27.8	01792
2002 YY ₃₂	2007 11 02.7	02 29.54 +24 04.7 20.1	-0.82 - 5.6	2.8/05.4	08619
2005 EP ₂	2007 11 02.7	02 29.55 +18 11.4 19.9	-1.01 - 6.7	1.5/03.6	76717
1999 GV ₄₆	2007 11 02.7	02 29.55 +06 23.0 19.8	-0.80 - 2.9	2.3/31.6	26555
2005 AB ₁₈	2007 11 02.7	02 29.55 +09 29.2 19.8	-1.02 - 4.7	2.0/01.4	26721
2001 QH ₁₂₁	2007 11 02.7	02 29.57 +28 35.5 18.9	-0.97 - 1.8	4.9/06.1	26594
1999 VH ₁₉₀	2007 11 02.7	02 29.58 +19 32.6 18.2	-0.83 -12.0	2.0/04.3	26562
2004 EC ₉₆	2007 11 02.7	02 29.61 +06 17.5 20.8	-0.86 - 0.8	2.3/31.8	26712
2003 WA ₈₅	2007 11 02.7	02 29.64 +12 29.8 20.2	-1.03 - 1.4	0.8/02.2	26692
2006 SB ₂₉	2007 11 02.7	02 29.65 +19 46.4 19.7	-0.81 - 4.5	1.5/04.1	26772
2003 QA ₁₁	2007 11 02.7	02 29.71 +32 05.8 18.2	-1.28 - 0.5	7.6/06.7	26661
2004 DO ₆₄	2007 11 02.7	02 29.73 +25 05.7 20.3	-0.93 - 1.1	2.8/05.1	24441
1999 TD ₂₃₉	2007 11 02.7	02 29.74 +11 11.6 18.8	-0.72 - 2.3	1.1/01.9	26559
2003 US ₁₄₃	2007 11 02.7	02 29.77 +21 23.0 18.6	-0.90 - 7.9	3.0/04.7	26682
2003 WH ₁₅₁	2007 11 02.7	02 29.77 +12 05.2 19.9	-0.83 - 9.9	1.0/01.9	25971
2002 XZ ₅₈	2007 11 02.7	02 29.82 +12 11.3 18.1	-0.91 - 0.4	1.0/02.2	25901
2002 WG ₉	2007 11 02.7	02 29.83 +12 43.8 18.6	-0.89 - 1.9	0.8/02.3	26652
1994 SE ₁₂	2007 11 02.7	02 29.85 +11 53.9 20.8	-0.91 - 4.7	1.0/02.0	26549
2002 PE ₃₀	2007 11 02.7	02 29.87 +02 18.1 19.2	-0.84 - 5.1	4.6/30.4	26627
2002 RD ₁₅₈	2007 11 02.7	02 29.95 +22 24.6 19.8	-0.94 - 4.0	2.6/04.8	48267
2002 PZ ₂	2007 11 02.8	02 29.87 +32 13.0 18.6	-0.95 - 7.8	6.4/08.2	26627
2000 QG ₂₁₅	2007 11 02.8	02 29.89 +06 41.2 18.7	-0.97 - 3.6	3.9/31.8	26574
2006 GK ₃	2007 11 02.8	02 29.89 +13 20.5 19.5	-1.14 - 1.4	0.6/02.5	26758
2007 TV ₅₄	2007 11 02.8	02 29.92 +14 55.0 19.0	-0.83 -10.4	0.1/02.9	26533
2002 NH ₂₁	2007 11 02.8	02 29.94 +02 37.1 19.8	-0.89 - 4.5	4.0/30.7	26625
2003 HE ₂₇	2007 11 02.8	02 29.94 +07 26.1 20.3	-1.10 - 4.3	3.1/01.1	02147
2002 CO ₄₃	2007 11 02.8	02 29.99 +03 26.0 19.5	-1.05 - 3.2	4.5/31.2	26609
2001 SY ₃₄₆	2007 11 02.8	02 30.00 +12 41.6 19.2	-0.74 - 8.3	0.6/02.2	26600
2003 NF ₁₀	2007 11 02.8	02 30.01 +15 17.0 19.9	-0.99 - 7.4	0.2/03.0	26659
2002 JZ ₃₁	2007 11 02.8	02 30.01 +10 15.3 20.4	-1.00 - 4.8	1.6/01.7	25852
2004 DH ₁₅	2007 11 02.8	02 30.07 -15 49.9 19.8	-0.73 - 4.1	8.3/24.6	26710
2004 BZ ₃	2007 11 02.8	02 30.07 +00 47.4 20.2	-0.81 - 2.6	4.1/30.3	89501
2006 KA ₁₆	2007 11 02.8	02 30.08 -01 13.4 19.6	-1.00 - 0.3	6.2/30.5	26767
2005 EG ₂₅₈	2007 11 02.8	02 30.12 +03 18.0 20.0	-0.75 - 7.6	3.5/30.4	77851
2005 HR ₇	2007 11 02.8	02 30.13 +11 33.0 21.3	-0.72 - 6.5	0.8/01.9	26053
2003 SZ ₃₀₈	2007 11 02.8	02 30.15 +26 30.4 19.6	-1.08 - 4.3	4.6/05.8	77720
2004 FP ₄₂	2007 11 02.8	02 30.16 +16 49.1 20.6	-0.78 - 4.2	0.6/03.4	26712
2000 QC ₁₁₄	2007 11 02.8	02 30.18 -08 56.9 18.2	-0.64 - 4.9	13.1/26.5	26573
2004 YY ₂₂	2007 11 02.8	02 30.21 +11 45.9 19.1	-0.98 - 4.5	1.4/02.1	26720
2005 CC ₅₁	2007 11 02.8	02 30.32 +18 43.9 19.4	-1.04 - 5.2	1.8/03.9	26025
2005 GP ₁₁₉	2007 11 02.8	02 30.34 +31 59.2 20.3	-0.96 - 4.9	5.1/07.7	77133
2001 RE ₆₂	2007 11 02.8	02 30.35 +18 56.5 19.4	-0.92 - 1.1	1.4/03.8	26596
2002 QM ₈₇	2007 11 02.9	02 30.29 +25 23.2 20.4	-1.02 - 2.5	3.5/05.5	24368
2006 KR ₁₉	2007 11 02.9	02 30.32 +13 07.7 19.8	-0.80 - 9.4	0.6/02.4	26767
2002 QC ₅₆	2007 11 02.9	02 30.32 -02 11.4 19.0	-0.83 - 4.8	6.4/29.2	26631
2005 GJ ₁	2007 11 02.9	02 30.33 +11 52.3 20.5	-0.78 - 3.8	0.8/02.1	26740
2001 QS ₂₂₅	2007 11 02.9	02 30.44 +41 08.0 18.1	-1.03 - 2.4	9.4/10.6	26595
1998 OG ₁₀	2007 11 02.9	02 30.44 +32 46.0 19.5	-1.08 - 4.5	6.7/07.9	87340

1999 UV ₃₅	2007 11 02.9	02 30.46 +11 10.1 19.1	-0.88	- 7.6	1.6/01.9	26560
2002 GA ₁₅	2007 11 02.9	02 30.50 +12 12.4 20.2	-1.01	- 5.1	0.9/02.3	26617
2005 EU ₁₅₃	2007 11 02.9	02 30.54 -22 26.2 21.0	-0.76	- 1.7	8.7/23.7	03674
2002 QO ₄₅	2007 11 02.9	02 30.54 +00 22.8 18.5	-0.94	- 0.1	5.8/30.9	26631
1998 QM ₁₁₁	2007 11 02.9	02 30.56 +21 17.4 19.5	-0.99	- 2.7	2.8/04.5	25788
2001 SS ₁₉₃	2007 11 02.9	02 30.57 +12 24.0 19.8	-0.80	- 4.3	0.8/02.3	25835
2003 QQ ₂₄	2007 11 02.9	02 30.59 +11 56.1 19.8	-1.00	- 6.2	1.1/02.2	26661
2006 JT ₄₅	2007 11 02.9	02 30.59 +32 47.1 20.2	-0.96	- 7.5	5.6/08.4	01768
2002 PE ₂₀	2007 11 02.9	02 30.63 +15 05.3 19.9	-0.92	- 4.8	0.1/03.0	25860
2003 WY ₁₄₄	2007 11 02.9	02 30.64 +16 31.2 19.8	-0.92	- 5.9	0.6/03.4	26695
2004 DJ ₂₇	2007 11 02.9	02 30.64 +26 44.9 20.7	-0.91	- 2.2	3.5/05.9	76436
2005 BW ₄₈	2007 11 02.9	02 30.67 +09 29.7 20.5	-0.78	- 6.8	1.6/01.4	26725
2003 KW ₁₈₅	2007 11 02.9	02 30.69 +01 14.1 19.7	-0.96	- 1.0	4.8/30.9	86177
2005 EE ₆₃	2007 11 02.9	02 30.70 +34 02.1 21.4	-1.08	- 2.5	5.8/07.9	00927
2006 HZ ₂₀	2007 11 02.9	02 30.74 +09 03.1 20.9	-0.99	- 4.6	2.2/01.6	22546
2005 EG ₁₂₆	2007 11 02.9	02 30.74 +09 50.7 19.5	-1.13	+ 2.4	1.6/02.1	26734
2003 MJ ₁₀	2007 11 02.9	02 30.75 +14 00.4 18.3	-1.12	- 1.1	0.4/02.8	26658
2004 HH ₃₄	2007 11 03.0	02 30.77 +06 12.2 19.9	-0.84	- 2.6	2.6/31.9	65754
2003 YD ₅₂	2007 11 03.0	02 30.80 -02 03.8 18.1	-1.01	+ 1.9	7.3/30.7	66322
2005 AY ₇	2007 11 03.0	02 30.81 +23 33.5 20.5	-1.04	- 3.9	3.1/05.2	26721
2002 VB ₃₉	2007 11 03.0	02 30.81 -04 59.0 18.6	-0.91	+ 0.8	6.8/29.9	26649
2002 EX ₁₅₁	2007 11 03.0	02 30.82 +20 10.1 19.6	-1.11	- 2.3	2.0/04.2	26616
2001 QM ₅₇	2007 11 03.0	02 30.82 -06 41.7 18.2	-0.73	- 3.3	8.5/28.0	26593
2003 YC ₁₂₉	2007 11 03.0	02 30.84 +39 28.4 18.0	-1.03	- 0.4	11.8/09.6	26701
2002 QS ₃₀	2007 11 03.0	02 30.86 -01 34.6 20.0	-0.86	- 3.6	6.4/29.9	03357
2005 JY ₈₉	2007 11 03.0	02 30.89 -21 21.5 21.5	-0.82	- 0.1	8.7/24.8	87673
1998 RD ₁₁	2007 11 03.0	02 30.89 +03 50.8 20.2	-0.83	- 7.1	3.5/30.9	26553
2003 WT ₇	2007 11 03.0	02 30.91 -09 51.4 18.5	-0.96	+ 1.0	10.1/28.8	26689
2003 GG ₃₀	2007 11 03.0	02 30.92 +06 12.6 20.1	-1.09	- 4.6	3.8/01.0	26657
2003 WX ₂₂	2007 11 03.0	02 30.96 +10 53.3 18.8	-0.90	- 3.6	1.8/02.1	25957
2001 RM ₁₂₅	2007 11 03.0	02 30.98 +15 56.3 18.7	-0.87	- 1.7	0.4/03.3	25832
2005 JF ₈₅	2007 11 03.0	02 31.03 +09 34.8 20.0	-0.79	- 3.6	1.5/01.7	03701
2001 RZ ₉	2007 11 03.0	02 31.03 +34 31.5 18.9	-0.86	-11.1	6.1/09.9	26595
2003 SN ₁₄	2007 11 03.0	02 31.07 +16 08.8 19.9	-1.04	- 4.4	0.5/03.4	25920
2005 EG ₈₅	2007 11 03.0	02 31.09 +19 58.3 20.8	-1.00	- 3.1	1.7/04.3	26733
2002 LJ ₅₃	2007 11 03.0	02 31.12 +32 01.9 20.3	-1.04	- 5.8	5.3/08.0	02108
2002 CJ ₁₆₉	2007 11 03.0	02 31.13 +23 08.1 19.1	-1.15	- 3.0	3.0/05.0	26611
1994 UK ₉	2007 11 03.1	02 31.11 +23 00.1 20.0	-1.09	- 1.2	2.7/04.9	26549
2002 NA ₇	2007 11 03.1	02 31.15 -04 58.7 17.6	-0.73	- 4.9	9.0/28.4	26625
2000 WY ₇₆	2007 11 03.1	02 31.18 +22 03.2 18.9	-1.00	- 7.4	3.1/05.1	26583
2006 KH ₂₁	2007 11 03.1	02 31.21 +20 18.1 20.0	-0.98	- 6.9	1.8/04.6	26767
2001 GF ₃	2007 11 03.1	02 31.23 -13 32.3 21.4	-1.07	+ 1.1	8.0/28.1	14427
2000 WH ₇₈	2007 11 03.1	02 31.24 +18 10.1 19.0	-1.04	- 4.6	1.5/03.9	26583
2003 SV ₁₇₇	2007 11 03.1	02 31.24 +14 27.3 19.5	-0.97	- 6.7	0.2/03.0	26671
2005 CX ₅₆	2007 11 03.1	02 31.24 +16 33.5 20.5	-1.03	- 5.2	0.6/03.6	26728
2001 NN ₈	2007 11 03.1	02 31.25 +09 48.6 19.6	-0.84	- 3.7	1.6/01.9	04151
2003 QX ₁₂	2007 11 03.1	02 31.26 +13 00.9 19.5	-1.08	- 3.7	0.7/02.7	00467
2003 QU ₅₆	2007 11 03.1	02 31.26 +12 54.0 18.9	-1.07	- 2.3	0.8/02.7	26663
2002 VW ₁₉	2007 11 03.1	02 31.32 +13 30.5 18.8	-0.87	- 2.5	0.5/02.8	26649
2001 OV ₇	2007 11 03.1	02 31.40 +16 36.5 19.5	-0.84	- 4.9	0.5/03.6	26592
2002 XZ ₇₆	2007 11 03.1	02 31.42 +08 33.9 18.8	-0.91	- 0.4	2.2/01.8	26654

2000 RK ₄₈	2007 11 03.1	02 31.43 +26 02.7 18.2	-1.08	- 8.6	4.9/06.5	26575
2005 EY ₁₇₀	2007 11 03.1	02 31.45 +40 24.4 20.1	-1.13	- 3.4	7.7/10.2	04321
2003 RA ₂₁	2007 11 03.1	02 31.45 +19 37.7 19.0	-1.06	- 2.9	2.0/04.3	26665
2002 EA ₆₅	2007 11 03.1	02 31.50 +21 20.1 20.2	-1.07	- 4.1	2.3/04.8	26614
2003 VT ₂	2007 11 03.1	02 31.66 +51 18.0 17.7	-2.35	+14.8	16.9/05.0	58042
2005 EW ₂₆₆	2007 11 03.2	02 31.45 +21 06.0 19.6	-0.98	- 2.8	2.3/04.7	26739
2006 DB ₉₈	2007 11 03.2	02 31.47 -06 24.3 20.1	-0.99	- 0.5	7.2/29.7	03870
1998 QO ₅₁	2007 11 03.2	02 31.53 +26 51.9 19.5	-1.11	- 5.0	4.6/06.4	26553
2001 FT ₁₇₂	2007 11 03.2	02 31.54 -03 08.7 20.7	-0.87	- 2.7	5.0/29.7	04149
2003 PW ₈	2007 11 03.2	02 31.55 +22 44.6 19.2	-1.08	- 4.6	3.4/05.2	26660
2004 BX ₁₄₈	2007 11 03.2	02 31.57 +14 23.4 19.0	-0.89	- 3.3	0.2/03.1	26707
2003 SE ₇₈	2007 11 03.2	02 31.58 +17 01.3 19.3	-0.97	- 7.1	0.9/03.8	26668
2005 CT ₄₃	2007 11 03.2	02 31.59 +10 23.4 20.1	-0.98	- 4.9	1.6/02.1	26727
2001 FK ₄₃	2007 11 03.2	02 31.61 +02 09.3 20.5	-0.88	- 7.7	4.4/30.5	16152
2005 EQ ₅₃	2007 11 03.2	02 31.61 +10 18.0 20.2	-0.92	- 5.0	1.6/02.0	26731
2005 EP ₁₆₄	2007 11 03.2	02 31.69 +22 39.6 19.3	-1.24	+ 1.9	3.9/04.6	26736
2000 AW ₆₈	2007 11 03.2	02 31.70 +06 03.8 17.3	-0.85	- 3.3	4.2/01.0	26566
2000 BG ₂₁	2007 11 03.2	02 31.70 +20 26.3 19.8	-0.94	- 4.5	2.1/04.7	74718
2003 AH ₇	2007 11 03.2	02 31.73 +00 29.6 19.6	-0.84	- 0.4	4.1/31.0	26655
2002 ES ₁₁₅	2007 11 03.2	02 31.73 +11 08.2 19.2	-1.10	- 1.9	1.5/02.4	26615
2006 KO ₁	2007 11 03.2	02 31.80 +19 33.6 19.7	-1.07	- 7.0	1.8/04.5	26766
2001 XZ ₈₇	2007 11 03.2	02 31.80 +08 58.7 18.5	-1.08	- 3.6	2.8/01.9	26604
2004 DW ₃₀	2007 11 03.2	02 31.83 +22 36.9 20.5	-0.83	- 3.0	2.1/05.3	24441
2002 RQ ₇₂	2007 11 03.2	02 31.90 -00 00.5 20.0	-0.84	- 5.4	4.6/30.2	24370
2007 TM ₇	2007 11 03.2	02 31.92 +19 35.6 18.6	-1.13	- 3.8	2.2/04.4	26516
2006 GS ₃₈	2007 11 03.3	02 31.84 +09 47.7 19.5	-1.08	- 4.3	2.0/02.1	26759
2004 DN ₇	2007 11 03.3	02 31.85 +11 07.8 20.0	-0.83	- 4.4	1.3/02.3	26709
2002 ER ₇	2007 11 03.3	02 31.87 -14 00.3 21.1	-0.91	- 7.7	10.1/25.3	18000
2002 JW ₁₂	2007 11 03.3	02 31.87 +01 04.7 18.3	-1.42	+ 5.9	6.4/01.4	26621
2003 QU ₇₄	2007 11 03.3	02 31.88 +06 08.8 19.5	-0.93	- 7.3	3.6/31.9	26663
2003 SE ₁₄	2007 11 03.3	02 31.89 +12 13.4 18.8	-0.91	- 4.8	1.3/02.6	26666
2005 GM ₁₅₄	2007 11 03.3	02 31.93 +12 31.9 20.4	-0.82	- 2.4	0.7/02.7	26051
2005 JR	2007 11 03.3	02 31.93 +10 11.4 20.6	-0.77	- 3.3	1.3/02.1	26745
1999 FY ₇₈	2007 11 03.3	02 31.95 +11 08.5 20.4	-0.81	- 3.3	1.1/02.4	26555
2001 RU	2007 11 03.3	02 31.98 +30 33.4 19.1	-0.87	-10.9	4.8/08.7	23685
2003 QR ₇₂	2007 11 03.3	02 31.98 +15 55.7 19.6	-0.98	- 7.9	0.4/03.6	26663
2001 SJ ₁₃₂	2007 11 03.3	02 31.98 +26 41.2 19.5	-0.90	- 2.5	3.4/06.3	26598
2005 EA ₁₆₁	2007 11 03.3	02 31.99 +12 32.9 19.7	-0.88	- 4.2	0.9/02.7	26736
2001 QV ₁₀	2007 11 03.3	02 32.00 +12 12.2 18.6	-0.80	- 4.0	1.0/02.6	26593
2003 QJ ₃₃	2007 11 03.3	02 32.05 +12 42.7 18.6	-0.92	- 5.8	1.0/02.8	26662
2005 AV ₂₆	2007 11 03.3	02 32.12 +22 57.8 18.8	-0.99	- 7.7	3.5/05.6	26722
2006 PK ₁₃	2007 11 03.3	02 32.13 +35 21.1 19.6	-0.89	- 4.4	5.7/09.3	03985
2002 PW ₁₆₇	2007 11 03.3	02 32.15 +01 03.3 19.5	-0.88	- 2.8	5.4/31.0	70352
2002 PT ₂	2007 11 03.3	02 32.19 +27 23.6 20.1	-0.94	- 7.8	4.3/07.1	48243
2003 SQ ₂₁₀	2007 11 03.3	02 32.20 +18 19.6 20.0	-1.07	- 7.0	1.2/04.3	57963
2003 QB ₈₅	2007 11 03.3	02 32.23 +15 46.7 19.4	-1.00	- 7.3	0.3/03.6	25914
2003 WO ₁₆₁	2007 11 03.3	02 32.25 -00 39.8 19.2	-0.94	- 1.7	5.9/30.8	26696
2000 YY ₈₄	2007 11 03.3	02 32.25 +00 25.1 18.1	-0.90	- 4.4	7.0/30.5	26585
2006 HY ₉₀	2007 11 03.3	02 32.26 +05 41.8 19.5	-1.06	- 2.6	3.6/01.3	26763
1998 SH ₁₅₄	2007 11 03.3	02 32.26 -00 35.4 19.1	-0.79	- 8.6	5.8/29.6	26554
2000 YO ₃₉	2007 11 03.3	02 32.28 +04 38.4 19.8	-0.98	- 5.1	4.0/31.7	04143

2001 OS ₅₈	2007 11 03.4	02 32.24 -19 21.1 19.4	-0.74 - 5.3	9.9/23.9	26592	2002 RN ₂₆₃	2007 11 03.7	02 33.47 +17 39.8 21.0	-0.89 - 5.5	0.9/04.4	08387
2002 EH ₇₄	2007 11 03.4	02 32.25 +18 00.6 19.4	-1.05 - 4.3	1.1/04.1	26614	2005 KF ₂	2007 11 03.7	02 33.48 +06 57.2 21.7	-0.76 - 3.0	2.2/01.7	26748
2006 HO ₈₁	2007 11 03.4	02 32.27 +16 24.8 18.9	-1.18 + 0.5	0.6/03.7	26763	2002 XD ₁	2007 11 03.7	02 33.48 +02 42.0 19.0	-0.84 - 4.6	4.0/31.4	26652
2004 BQ ₃₅	2007 11 03.4	02 32.28 +15 02.9 19.4	-0.87 - 3.3	0.0/03.4	26704	2006 PZ ₃₆	2007 11 03.7	02 33.48 +30 55.6 20.1	-0.90 - 3.0	4.6/07.9	09615
2002 QV ₅₅	2007 11 03.4	02 32.29 +36 19.2 19.3	-1.16 0.0	8.7/08.2	62398	2004 CG ₁₀₆	2007 11 03.7	02 33.49 +12 40.2 20.1	-0.76 - 6.1	0.7/03.0	26709
1993 FL ₁₂	2007 11 03.4	02 32.34 +10 10.8 18.6	-0.85 - 2.4	1.7/02.3	88648	1995 WB ₁₈	2007 11 03.7	02 33.51 +16 50.2 18.7	-1.01 - 0.1	0.9/04.1	26550
2005 EA ₁₉₈	2007 11 03.4	02 32.38 +15 22.1 19.9	-0.89 - 5.1	0.1/03.5	26737	2001 SZ ₁₂₇	2007 11 03.7	02 33.52 +25 21.7 20.1	-0.90 - 2.7	3.0/06.3	26598
2000 RK ₇₅	2007 11 03.4	02 32.46 +33 56.7 19.0	-1.25 - 2.6	8.6/08.2	29300	2005 EQ ₁₆₃	2007 11 03.7	02 33.52 +12 42.1 20.3	-0.88 - 4.2	0.8/03.1	26035
2004 CV ₆	2007 11 03.4	02 32.51 +14 27.4 21.0	-0.81 - 4.5	0.1/03.3	11025	1999 YJ ₂₆	2007 11 03.7	02 33.63 +09 20.5 19.3	-0.94 - 3.4	2.4/02.4	26565
2006 PX ₉	2007 11 03.4	02 32.53 +14 48.8 19.5	-0.69 - 3.3	0.0/03.4	26771	2006 JR ₃₄	2007 11 03.7	02 33.66 +12 32.6 20.4	-1.02 - 1.8	0.9/03.2	26765
2003 WL ₁₄₁	2007 11 03.4	02 32.62 +06 17.4 17.9	-0.99 + 0.7	3.9/01.7	25970	2003 MC ₁₃	2007 11 03.7	02 33.67 +20 12.9 19.6	-1.08 - 6.0	2.0/05.1	26659
2000 HM ₁₀₃	2007 11 03.4	02 32.67 +00 58.4 20.8	-0.75 - 5.1	3.8/30.6	04137	2002 LE ₅₁	2007 11 03.7	02 33.68 +11 27.0 19.4	-0.93 - 3.4	1.4/02.9	26627
2006 FB ₁₈	2007 11 03.4	02 32.67 +12 26.1 21.1	-1.03 - 4.7	1.0/02.9	02310	2002 YL ₂₃	2007 11 03.7	02 33.68 +27 28.8 19.2	-0.85 - 5.4	4.1/07.2	26655
1998 QK ₇₈	2007 11 03.5	02 32.70 +13 45.5 18.0	-0.84 - 8.1	0.5/03.2	26553	2001 RU ₈₅	2007 11 03.7	02 33.74 +10 20.4 19.1	-0.75 - 5.7	1.7/02.4	26596
2000 QM ₃₇	2007 11 03.5	02 32.73 +05 39.6 19.9	-1.03 - 6.2	3.8/01.2	26572	2002 GS ₈₅	2007 11 03.7	02 33.75 +09 02.5 19.0	-1.09 - 1.6	2.5/02.5	72604
2005 FY ₈	2007 11 03.5	02 32.78 +06 32.2 19.7	-0.91 - 4.5	3.1/01.4	11089	2001 SY ₁₉₆	2007 11 03.7	02 33.76 +12 27.5 20.1	-0.81 - 4.0	0.9/03.1	26599
2006 FS ₅₃	2007 11 03.5	02 32.80 +15 31.2 20.1	-1.05 - 3.6	0.2/03.7	09546	2005 EE ₁₄₄	2007 11 03.7	02 33.78 +17 52.2 21.8	-0.98 - 3.6	0.9/04.4	76912
2000 AX ₅₆	2007 11 03.5	02 32.86 +04 00.5 19.4	-0.93 - 3.8	4.8/31.7	26566	2001 BO ₆₆	2007 11 03.7	02 33.85 +09 06.1 19.9	-0.95 - 3.6	1.9/02.3	26586
2005 JX ₄₈	2007 11 03.5	02 32.89 +05 57.5 20.6	-0.76 - 3.0	2.4/01.3	26746	2000 SV ₂₂₇	2007 11 03.7	02 33.85 +09 53.1 19.1	-0.94 - 8.1	2.4/02.3	25810
2007 TG ₄₅	2007 11 03.5	02 32.90 +06 42.8 18.7	-0.91 -12.1	3.8/01.0	26531	2004 YX ₉	2007 11 03.7	02 33.89 +09 54.8 19.0	-1.09 - 2.0	2.6/02.7	26720
2002 GN ₆₆	2007 11 03.5	02 32.91 +10 07.1 20.2	-1.00 - 5.3	1.8/02.3	26618	2002 JZ ₈₂	2007 11 03.7	02 33.90 +14 39.5 20.3	-1.04 - 5.5	0.2/03.7	26622
1999 XL ₈₆	2007 11 03.5	02 32.91 -06 43.4 18.7	-1.00 - 1.0	8.1/29.4	26563	2001 FA ₉₇	2007 11 03.8	02 33.83 +17 18.5 21.4	-0.90 - 2.6	0.6/04.3	48023
1989 TH ₃	2007 11 03.5	02 32.94 +08 15.5 18.9	-1.02 - 4.3	3.0/02.0	26548	2005 CD ₈	2007 11 03.8	02 33.84 +22 06.6 19.6	-1.15 - 2.4	3.0/05.4	26725
2005 EU ₅₁	2007 11 03.5	02 32.95 +08 33.4 19.9	-1.01 - 6.8	2.6/01.8	26030	2003 UG ₁₉₅	2007 11 03.8	02 33.85 +17 59.8 19.4	-1.00 - 3.2	1.1/04.5	26684
2003 OP ₇	2007 11 03.5	02 32.99 +10 25.2 19.8	-1.00 - 6.8	1.8/02.4	26659	2001 PY ₁₁	2007 11 03.8	02 33.92 +31 06.5 18.2	-1.12 + 2.1	6.3/07.1	26592
2005 EY ₂₀₉	2007 11 03.5	02 33.02 +14 14.1 19.9	-0.90 - 4.8	0.3/03.4	26737	2003 CV ₄	2007 11 03.8	02 33.92 +39 12.4 20.5	-1.02 - 1.9	7.7/09.9	69439
2002 TF ₂₅₄	2007 11 03.5	02 33.03 +06 52.3 19.4	-0.78 - 6.9	2.4/01.3	26645	2005 EQ ₂₄	2007 11 03.8	02 33.94 +06 00.9 19.2	-0.91 - 4.1	3.2/01.6	26730
2005 GY ₁₇₈	2007 11 03.5	02 33.03 +11 52.0 19.8	-0.77 - 6.3	0.9/02.7	26745	2002 PN ₁₀₆	2007 11 03.8	02 33.96 +19 51.5 19.0	-0.87 - 7.6	1.8/05.2	25861
2001 NK ₁₀	2007 11 03.5	02 33.05 +10 27.8 19.7	-0.84 - 3.8	1.5/02.4	26591	2000 EJ ₁₁₃	2007 11 03.8	02 34.02 +17 51.2 19.2	-1.07 - 1.5	1.1/04.4	26569
2004 BK ₇₀	2007 11 03.5	02 33.06 -01 49.4 20.3	-0.81 - 3.1	5.2/30.3	04289	2001 PW ₃₄	2007 11 03.8	02 34.02 +35 42.4 18.4	-0.88 - 5.9	7.4/10.1	02037
2003 SC ₈₈	2007 11 03.5	02 33.09 +13 09.7 19.3	-0.90 - 2.6	0.9/03.2	25925	2002 LL ₉	2007 11 03.8	02 34.04 -04 07.4 19.3	-1.02 + 0.7	7.4/31.1	26624
2003 UO ₃₀₄	2007 11 03.6	02 33.07 +07 47.4 19.1	-1.07 + 0.1	3.0/02.2	86154	2001 TP ₁₈₆	2007 11 03.8	02 34.08 +13 01.5 19.7	-0.75 - 5.8	0.6/03.3	26602
2005 ER ₃₀₄	2007 11 03.6	02 33.07 +10 41.5 19.5	-0.85 - 4.0	1.4/02.5	26740	2001 GY ₃	2007 11 03.8	02 34.10 +15 53.0 19.4	-0.95 - 2.9	0.3/04.0	26590
2002 NQ ₆₃	2007 11 03.6	02 33.16 +12 11.4 20.2	-0.94 - 3.5	1.1/02.9	25856	2007 TL ₅₆	2007 11 03.8	02 34.11 +11 02.3 18.9	-0.71 -13.2	1.9/02.5	26534
2001 RM ₈₂	2007 11 03.6	02 33.19 +14 32.1 18.7	-0.77 - 7.1	0.2/03.5	26596	2004 XG ₈₅	2007 11 03.8	02 34.11 -01 32.2 18.7	-1.07 - 1.4	7.0/31.2	26718
2002 JU ₅₀	2007 11 03.6	02 33.21 +12 30.2 20.2	-1.05 - 2.0	0.9/03.1	26622	2000 QA ₂₁₇	2007 11 03.8	02 34.12 +18 53.6 19.3	-1.20 - 1.4	1.6/04.6	26574
2003 OH ₁₇	2007 11 03.6	02 33.23 +09 48.7 20.6	-1.04 - 5.0	1.9/02.4	26659	2003 SC ₇₇	2007 11 03.8	02 34.17 +27 08.2 19.0	-1.07 - 6.0	5.2/07.2	26668
2000 AB ₈₂	2007 11 03.6	02 33.23 -03 35.0 18.5	-0.96 + 0.3	7.9/30.7	26566	2004 ED ₆₃	2007 11 03.8	02 34.21 +09 32.0 20.7	-0.73 - 5.3	1.5/02.3	26711
2003 XZ ₂₉	2007 11 03.6	02 33.25 +06 22.8 19.9	-0.96 - 1.4	2.8/01.7	26697	2003 XF ₁₀	2007 11 03.8	02 34.24 -02 05.8 19.3	-1.26 + 2.8	6.7/31.8	95146
2003 AV ₈	2007 11 03.6	02 33.28 -20 44.4 20.0	-0.73 - 5.1	9.3/22.7	26655	2005 EY ₁₂₃	2007 11 03.8	02 34.25 +10 29.5 20.4	-0.90 - 4.5	1.5/02.7	26734
2006 KD ₁₃₇	2007 11 03.6	02 33.29 +16 59.7 19.4	-0.90 - 5.0	0.9/04.2	26770	2001 SY ₃₃₇	2007 11 03.8	02 34.26 +10 07.8 20.4	-0.75 - 5.8	1.5/02.5	26600
2005 EP ₇	2007 11 03.6	02 33.32 +07 18.4 19.6	-0.95 - 6.8	3.2/01.5	76723	2000 WW ₁₆₀	2007 11 03.9	02 34.23 -00 48.6 18.1	-0.95 - 2.7	7.7/31.3	26583
2005 GN ₇₈	2007 11 03.6	02 33.34 -05 34.7 19.7	-0.89 - 2.7	6.8/29.4	77110	2004 XA ₁₄₇	2007 11 03.9	02 34.28 +33 16.2 19.9	-1.04 - 3.8	5.4/08.6	04311
2002 RW ₁₂₂	2007 11 03.6	02 33.37 +02 26.7 19.1	-0.90 - 1.6	4.7/31.8	25873	2005 GE ₁₃₄	2007 11 03.9	02 34.31 +14 00.2 19.9	-0.93 - 2.0	0.4/03.7	26744
2005 GA ₈₀	2007 11 03.6	02 33.37 +04 54.8 21.2	-0.75 - 3.0	2.5/01.1	26743	2000 SV ₃₀₇	2007 11 03.9	02 34.32 +26 05.5 18.9	-0.94 - 8.2	5.4/07.2	13778
2002 VR ₁₁₀	2007 11 03.6	02 33.47 +26 27.6 19.1	-0.86 - 5.3	3.7/06.9	26651	2003 SH ₃₇	2007 11 03.9	02 34.32 +19 35.5 19.9	-1.00 - 7.7	1.7/05.2	00510
2003 QW ₂₃	2007 11 03.6	02 33.50 +15 28.4 18.5	-0.96 - 5.9	0.2/03.8	26661	2005 EX ₂₇₀	2007 11 03.9	02 34.34 +23 07.8 20.3	-1.01 - 1.6	2.3/05.7	26739
2005 FB ₃	2007 11 03.7	02 33.42 -07 51.7 21.2	-0.70 - 6.1	5.4/27.9	87662	2001 UH ₈₉	2007 11 03.9	02 34.36 +17 30.9 18.7	-1.13 + 3.5	0.8/04.3	26603
2002 JT ₁₃₃	2007 11 03.7	02 33.42 +20 08.0 19.9	-1.05 - 5.1	1.8/05.0	26623	2003 QH ₄₅	2007 11 03.9	02 34.39 +09 05.6 19.6	-1.03 - 2.9	2.6/02.6	26662
2002 QJ ₆₁	2007 11 03.7	02 33.45 +19 21.2 19.3	-0.91 - 5.4	1.6/04.8	26631	2001 QA ₁₆₃	2007 11 03.9	02 34.40 +15 38.6 18.9	-0.81 - 5.6	0.2/04.1	26594
2005 JW ₁₇₈	2007 11 03.7	02 33.45 +14 33.1 19.2	-0.96 + 0.1	0.2/03.6	26748	1995 MG ₄	2007 11 03.9	02 34.42 +07 17.1 20.3	-0.93 - 6.2	2.8/01.9	26549

2005 CH ₃₆	2007 11 03.9	02 34.45 +04 44.4 19.9	-0.96 - 4.0	3.8/01.4	77812
2001 QJ ₁₁₂	2007 11 03.9	02 34.46 +25 15.3 19.2	-0.85 - 5.2	3.0/06.8	03199
2002 GS ₁₇₈	2007 11 03.9	02 34.50 +13 01.0 21.6	-0.98 - 4.9	0.8/03.4	03315
2003 UA ₁₆	2007 11 03.9	02 34.53 +09 06.9 18.6	-0.83 -10.4	2.7/02.1	26678
2001 ST ₁₆₅	2007 11 03.9	02 34.54 +15 09.1 18.7	-0.81 - 4.0	0.0/04.0	26599
2002 NP ₁₇	2007 11 03.9	02 34.55 -07 54.7 20.0	-0.95 - 1.1	7.7/30.0	26625
2005 JA ₁₃₅	2007 11 03.9	02 34.55 +13 11.0 20.2	-0.75 - 6.2	0.6/03.4	26058
1981 EA ₄₈	2007 11 03.9	02 34.58 +26 44.5 20.9	-1.00 - 3.0	3.8/06.8	87326
2001 QH ₂₆₀	2007 11 03.9	02 34.59 +06 25.5 18.6	-0.72 - 9.7	3.0/01.2	26595
2001 UG ₆₇	2007 11 03.9	02 34.59 +22 11.8 19.6	-0.98 + 0.6	2.0/05.4	26603
2005 AD ₄₈	2007 11 03.9	02 34.59 +05 03.8 21.8	-0.88 - 3.7	2.9/01.5	11077
1999 XC ₂₅₃	2007 11 03.9	02 34.63 +08 17.7 20.2	-0.97 - 2.6	2.6/02.4	26565
2001 UH ₁₈₉	2007 11 03.9	02 34.65 +32 05.3 19.1	-0.86 - 5.7	5.0/09.0	26603
2000 PT ₂₇	2007 11 03.9	02 34.70 +52 13.1 17.3	-1.04 -16.0	16.6/22.2	24308
2003 SW ₃₇	2007 11 04.0	02 34.59 +11 21.8 19.6	-1.04 - 2.7	1.6/03.2	26667
2002 CG ₂₁₇	2007 11 04.0	02 34.61 +04 37.6 20.5	-0.98 - 4.5	3.6/01.4	04193
2005 ER ₁₄₉	2007 11 04.0	02 34.62 +23 37.2 20.3	-1.10 - 0.6	2.9/05.8	77838
2005 JR ₁₁₉	2007 11 04.0	02 34.63 +11 42.3 21.1	-0.75 - 5.9	1.0/03.0	26057
2000 WX ₁₅₉	2007 11 04.0	02 34.65 +05 19.4 19.1	-1.05 - 0.4	4.6/02.0	26583
2000 AS ₁₅₄	2007 11 04.0	02 34.66 +24 17.9 17.8	-0.97 - 5.1	3.8/06.4	26566
2006 KG ₁₂₃	2007 11 04.0	02 34.66 +29 44.1 20.2	-0.89 - 5.5	4.4/08.2	04377
2002 UR ₅₁	2007 11 04.0	02 34.66 +38 21.5 20.8	-1.08 - 4.5	8.0/10.6	02139
2003 UC ₁₉₅	2007 11 04.0	02 34.68 +18 41.0 18.9	-0.86 - 5.1	1.7/05.0	26684
2001 RS ₁	2007 11 04.0	02 34.68 -03 44.0 18.7	-0.70 - 7.9	6.7/29.2	25937
2005 GF ₁₀₃	2007 11 04.0	02 34.69 +02 32.5 19.4	-0.87 - 7.6	4.2/31.4	77126
2003 SK ₁₂₂	2007 11 04.0	02 34.70 +06 40.7 19.5	-0.99 - 3.6	3.5/02.1	26669
2000 YA ₃	2007 11 04.0	02 34.71 +20 39.6 19.2	-0.99 - 7.9	2.3/05.6	26584
2005 CN ₁	2007 11 04.0	02 34.73 -07 20.5 19.8	-0.90 - 3.5	7.6/29.4	26725
2004 EM ₄₀	2007 11 04.0	02 34.77 +35 57.2 21.3	-1.00 - 0.8	5.6/09.0	62034
2003 SX ₃₀₄	2007 11 04.0	02 34.78 +11 53.4 19.0	-0.79 -12.3	1.5/03.0	25931
2004 AX ₁	2007 11 04.0	02 34.78 +06 35.8 18.9	-0.83 - 7.0	3.1/01.6	26703
2004 ER ₆₅	2007 11 04.0	02 34.79 -03 19.4 19.7	-0.82 - 1.1	5.4/30.7	26712
2002 RW ₂₁₆	2007 11 04.0	02 34.82 +09 23.0 19.3	-0.88 - 4.8	2.0/02.6	26638
2006 MF ₁₃	2007 11 04.0	02 34.83 +07 10.3 19.9	-1.09 - 2.4	3.1/02.3	26770
2002 PS ₇₃	2007 11 04.0	02 34.84 +30 14.4 18.4	-0.93 - 7.8	5.7/08.6	26628
2005 JM ₁₅₆	2007 11 04.0	02 34.87 +13 41.5 20.3	-0.83 - 3.1	0.4/03.7	26747
2003 SU ₁₃₁	2007 11 04.0	02 34.87 +10 58.3 20.0	-0.92 - 7.2	1.7/02.9	86116
2005 BD ₂₀	2007 11 04.0	02 34.88 +08 27.6 18.7	-1.00 - 2.9	3.3/02.5	26021
2002 RG ₄₄	2007 11 04.0	02 34.89 +16 56.3 19.0	-0.96 - 2.5	0.6/04.5	26635
2007 TL ₁₃	2007 11 04.0	02 34.90 +11 10.6 18.5	-0.85 - 9.8	1.4/02.9	26522
2005 JX ₁₃₂	2007 11 04.0	02 34.94 +09 23.4 21.1	-0.74 - 5.8	1.7/02.4	87675
2002 VJ ₃₁	2007 11 04.0	02 34.98 +18 48.4 18.7	-0.79 - 9.3	1.3/05.2	25893
2002 VL ₁₀₄	2007 11 04.0	02 34.99 +21 56.3 18.7	-0.82 - 7.2	2.3/06.0	26651
2005 JK ₁₂₅	2007 11 04.0	02 35.06 +02 36.1 19.1	-0.85 - 5.8	4.5/31.6	26747
2002 EH ₇₃	2007 11 04.0	02 35.09 +17 22.4 19.5	-1.00 - 5.2	0.7/04.7	26614
2003 BA ₃	2007 11 04.0	02 35.10 +49 07.8 19.3	-1.86 + 2.3	15.5/11.1	02143
2003 QT ₁₀₆	2007 11 04.1	02 35.01 +17 14.0 18.8	-1.11 - 1.1	1.0/04.5	26664
2002 NB ₂₉	2007 11 04.1	02 35.02 -00 30.0 19.3	-0.91 - 2.7	5.5/31.4	26625
2002 GU ₉₂	2007 11 04.1	02 35.03 +14 48.2 19.9	-0.97 - 7.3	0.1/04.0	25850
2003 YR ₁₇	2007 11 04.1	02 35.04 +30 44.9 21.1	-1.15 - 5.6	5.8/07.9	62459
2001 SL ₁₃₄	2007 11 04.1	02 35.08 +20 51.9 19.2	-0.85 - 3.5	1.9/05.6	26599

2002 VB ₈₁	2007 11 04.1	02 35.11 -01 43.9 18.9	-0.89 - 1.1	5.7/31.1	41864
2005 CU ₆₇	2007 11 04.1	02 35.12 +10 07.3 20.0	-0.96 - 5.7	1.9/02.8	26728
2003 SD ₂₀₆	2007 11 04.1	02 35.14 +18 54.7 19.3	-0.93 - 8.9	1.6/05.2	25929
2007 TU ₄₁	2007 11 04.1	02 35.15 +24 27.8 19.5	-1.10 - 2.9	3.4/06.3	26531
2002 RY ₇₆	2007 11 04.1	02 35.16 +36 59.6 20.1	-1.14 - 1.8	7.7/09.7	85594
2004 BR ₇₅	2007 11 04.1	02 35.18 -00 20.3 19.3	-0.84 - 2.1	5.2/31.4	26706
1996 AD ₁₁	2007 11 04.1	02 35.21 +10 04.2 21.3	-0.88 - 4.7	1.6/02.8	26550
2003 SJ ₂₆	2007 11 04.1	02 35.22 +25 16.9 19.0	-1.12 - 1.4	4.5/06.4	26666
2001 DP ₁₇	2007 11 04.1	02 35.26 +06 57.0 20.8	-0.91 - 3.4	2.5/02.2	26587
2002 QC ₅₇	2007 11 04.1	02 35.30 +02 10.4 20.1	-0.85 - 5.4	4.9/31.7	03359
2004 BO ₁₇	2007 11 04.1	02 35.31 +06 32.0 19.8	-0.95 - 0.2	2.9/02.4	26704
2005 AP ₉	2007 11 04.1	02 35.31 +10 27.6 19.4	-0.97 - 7.5	2.1/02.9	26721
2002 EJ ₁₅₅	2007 11 04.1	02 35.35 +15 02.4 19.4	-1.15 - 1.7	0.1/04.1	25848
2002 AK ₁₅₉	2007 11 04.1	02 35.35 +02 56.5 18.3	-0.92 - 4.5	6.3/01.1	26607
2006 LW ₅	2007 11 04.1	02 35.36 +30 19.9 20.0	-0.90 - 5.8	4.7/08.5	26770
2002 QT ₁₀₀	2007 11 04.1	02 35.36 +06 03.3 19.4	-0.94 - 2.0	3.4/02.1	26633
2004 FP ₁₀₂	2007 11 04.1	02 35.38 +20 11.2 19.6	-0.87 - 1.4	1.4/05.3	26712
2001 SW ₉₄	2007 11 04.1	02 35.43 +27 27.4 19.9	-0.91 - 2.5	3.7/07.2	26598
2001 FG ₁₂₀	2007 11 04.1	02 35.45 +18 58.2 20.5	-0.97 - 2.7	1.2/05.1	26590
2003 HD ₅₈	2007 11 04.1	02 35.45 +13 22.2 19.2	-1.19 - 2.0	0.8/03.8	25907
2005 JS ₁₅₀	2007 11 04.1	02 35.45 -05 29.7 21.6	-0.72 - 4.0	5.2/29.5	04335
2003 WX ₁₁₄	2007 11 04.1	02 35.47 +11 21.6 19.2	-1.07 + 0.3	1.3/03.4	26693
2005 CP ₆₇	2007 11 04.1	02 35.47 +13 11.3 20.0	-1.01 - 3.5	0.8/03.7	26026
2001 SL ₈₅	2007 11 04.2	02 35.42 +36 51.8 20.7	-1.03 - 1.9	6.4/09.8	02042
2005 GL ₁₄	2007 11 04.2	02 35.42 +23 31.2 20.5	-1.12 - 2.4	3.3/06.0	77054
2003 UW ₂₇₅	2007 11 04.2	02 35.43 +06 25.7 17.9	-1.27 + 7.1	4.1/03.2	26687
2003 QP ₂₄	2007 11 04.2	02 35.44 +10 17.8 19.1	-0.98 - 6.3	1.9/02.9	26661
2002 SP ₇₀	2007 11 04.2	02 35.46 +18 16.4 19.9	-0.93 - 3.0	1.1/05.0	26641
2003 AD ₁₁	2007 11 04.2	02 35.48 +14 15.1 18.8	-0.81 - 7.0	0.3/03.9	26655
2001 FH ₁₅₃	2007 11 04.2	02 35.53 +09 27.3 20.0	-0.97 - 3.4	2.0/02.9	26590
2003 UL ₂₁₂	2007 11 04.2	02 35.54 +14 33.8 19.0	-1.06 - 0.5	0.2/04.1	26685
2001 QF ₂₀₉	2007 11 04.2	02 35.54 +05 28.1 19.8	-0.78 - 4.6	3.1/01.7	26594
2002 ET ₇	2007 11 04.2	02 35.57 +02 08.8 20.0	-0.93 - 6.3	4.4/31.8	26613
2005 CL ₆₇	2007 11 04.2	02 35.58 +11 36.0 20.9	-0.96 - 4.9	1.2/03.3	26728
2006 MC ₄	2007 11 04.2	02 35.62 -04 45.6 22.0	-0.92 - 2.1	6.2/30.7	02376
1998 BN ₃₁	2007 11 04.2	02 35.62 +30 25.0 18.8	-0.92 - 3.4	5.1/08.2	26552
2003 AN ₁₇	2007 11 04.2	02 35.63 +35 30.7 18.9	-1.00 - 1.8	6.8/09.3	26656
2001 RM ₄₁	2007 11 04.2	02 35.68 +22 49.7 19.6	-0.86 - 3.5	2.6/06.2	25830
2003 WX ₃₄	2007 11 04.2	02 35.70 +16 09.5 19.4	-0.99 - 3.1	0.3/04.5	26690
1999 XH ₇₀	2007 11 04.2	02 35.72 +09 08.8 18.9	-0.95 - 3.1	2.5/02.8	26563
2006 GR ₃₀	2007 11 04.2	02 35.78 +11 43.3 19.6	-1.14 - 2.5	1.6/03.5	26758
1999 WT ₁₀	2007 11 04.2	02 35.79 +10 43.4 20.2	-0.97 - 3.1	1.7/03.2	26562
2001 OY ₃	2007 11 04.2	02 35.82 +19 06.2 19.5	-0.90 - 2.7	1.2/05.2	26591
2006 HT ₃₆	2007 11 04.2	02 35.85 +14 42.8 20.9	-0.94 - 5.9	0.2/04.2	26156
2005 EJ ₂₄₇	2007 11 04.2	02 35.86 +22 04.4 20.5	-0.95 - 2.8	2.0/06.0	26738
2001 TY ₁₅₉	2007 11 04.3	02 35.79 +13 20.6 17.9	-0.75 -12.1	0.6/03.7	26602
2005 EA ₆₆	2007 11 04.3	02 35.80 +08 50.0 20.4	-0.99 - 6.3	2.7/02.6	26031
2006 DD ₃₅	2007 11 04.3	02 35.80 +17 49.4 19.1	-1.17 - 3.7	1.2/04.9	26753
2002 QC ₆₆	2007 11 04.3	02 35.84 +33 33.4 20.8	-1.07 - 4.4	5.8/09.2	15739
2003 QC ₂₈	2007 11 04.3	02 35.87 +07 09.8 19.6	-1.00 - 4.5	3.2/02.4	26662
2000 SE ₅₅	2007 11 04.3	02 35.87 +22 05.3 19.8	-1.17 - 3.7	2.6/06.0	99973

2004 EJ ₉	2007 11 04.3	02 35.88 +11 27.9 20.1	-0.98 + 1.2	1.0/03.6	26711
2004 FK ₁₁₆	2007 11 04.3	02 35.89 +24 18.2 18.7	-1.32 + 5.1	3.6/05.6	26713
2003 UT ₂₃₃	2007 11 04.3	02 35.92 +17 16.7 19.8	-1.01 - 3.5	0.8/04.8	14049
2006 FJ ₅₂	2007 11 04.3	02 35.97 +12 51.3 19.1	-0.99 -14.1	0.9/03.6	26758
2001 OY ₃₉	2007 11 04.3	02 35.99 -01 07.6 18.7	-0.80 - 2.2	5.6/31.4	25821
2001 TR ₂₀₀	2007 11 04.3	02 36.01 +04 12.2 19.2	-0.83 - 1.5	3.5/01.8	26602
1998 HH ₅	2007 11 04.3	02 36.01 +10 28.7 21.1	-1.00 - 4.1	1.7/03.2	26552
2003 ST ₅₁	2007 11 04.3	02 36.02 +09 33.1 20.3	-1.01 - 2.9	2.3/03.1	18058
2002 GG ₁₂₆	2007 11 04.3	02 36.10 +12 38.5 21.2	-1.01 - 4.2	0.9/03.7	26619
2004 BM ₁₀₅	2007 11 04.3	02 36.11 -02 59.4 19.2	-0.78 - 3.9	5.8/30.5	26706
2004 DW ₇₁	2007 11 04.3	02 36.12 +29 17.7 20.7	-0.89 - 2.5	4.0/07.9	26711
2000 YN ₉₅	2007 11 04.3	02 36.13 +19 47.1 19.1	-1.02 - 4.8	1.7/05.5	26585
2003 US ₂₅₉	2007 11 04.3	02 36.14 -00 38.5 18.3	-1.06 + 3.0	7.0/01.7	25949
2005 JN ₈₉	2007 11 04.3	02 36.15 +13 04.2 19.7	-0.93 - 3.6	0.8/03.8	26747
2000 AW ₁₂₇	2007 11 04.3	02 36.16 +36 08.2 20.9	-1.04 - 3.9	5.7/09.8	87366
2005 GA ₃	2007 11 04.3	02 36.21 +10 59.0 19.3	-0.89 - 4.2	1.5/03.3	26741
2007 TE ₁₇	2007 11 04.3	02 36.22 +16 49.1 20.2	-0.96 - 3.1	0.7/04.8	26525
2004 AL ₂₅	2007 11 04.4	02 36.23 +28 32.3 19.3	-0.94 - 8.2	4.7/08.3	26703
2005 EN ₂₅₈	2007 11 04.4	02 36.24 +15 27.6 20.5	-0.88 - 4.7	0.1/04.5	26739
2001 SJ ₃₂₂	2007 11 04.4	02 36.26 +14 30.9 20.3	-0.76 - 6.1	0.2/04.2	75148
1999 RR ₇₇	2007 11 04.4	02 36.26 +10 39.3 19.5	-0.96 - 5.0	2.0/03.3	26556
2003 UE ₂₃₄	2007 11 04.4	02 36.31 +16 28.1 19.0	-0.96 + 2.9	0.6/04.6	25948
2003 BA ₂₉	2007 11 04.4	02 36.32 -04 53.2 19.3	-0.80 - 2.5	6.7/30.2	26656
2004 CU ₁₁	2007 11 04.4	02 36.33 +07 27.0 20.6	-0.78 - 4.1	2.2/02.4	26707
2001 QD ₂₄₀	2007 11 04.4	02 36.34 +16 11.0 19.7	-0.83 - 3.9	0.3/04.7	26595
2004 FG ₃₀	2007 11 04.4	02 36.36 -15 08.1 18.9	-0.84 - 1.5	9.3/27.1	04302
4518 P-L	2007 11 04.4	02 36.37 +11 48.2 19.6	-1.05 - 4.6	1.5/03.6	26834
2005 GH ₉₅	2007 11 04.4	02 36.40 +10 32.4 19.2	-0.91 - 5.4	1.7/03.2	26743
2004 DX ₃₆	2007 11 04.4	02 36.42 +06 10.9 19.3	-0.78 - 4.3	2.8/02.0	26710
2006 GE ₄₆	2007 11 04.4	02 36.45 +11 12.1 19.9	-1.10 - 2.1	1.6/03.6	26759
2001 SB ₂₁₁	2007 11 04.4	02 36.48 +15 37.3 19.6	-0.83 - 3.6	0.1/04.5	26599
1999 TX ₁₉₆	2007 11 04.4	02 36.49 +23 31.0 18.1	-0.97 - 5.1	3.7/06.6	26558
2006 GE ₅₄	2007 11 04.4	02 36.52 +11 13.3 20.3	-1.05 - 1.4	1.6/03.6	09551
2004 EX ₂₈	2007 11 04.4	02 36.56 +12 40.0 22.5	-0.81 - 4.1	0.8/03.8	66342
1999 VZ ₄₅	2007 11 04.4	02 36.56 +32 42.1 17.4	-1.02 -24.8	8.3/11.5	50434
2001 QU ₂₂₃	2007 11 04.4	02 36.59 +15 31.6 19.3	-0.84 - 4.3	0.1/04.5	25827
2003 QR ₁₀₉	2007 11 04.4	02 36.60 +20 40.8 18.6	-1.14 - 1.2	2.4/05.6	26664
2005 GN ₃₆	2007 11 04.4	02 36.60 +07 24.5 20.3	-0.79 - 7.6	2.4/02.2	26044
2001 DD ₆₆	2007 11 04.4	02 36.62 +06 24.6 19.2	-0.90 - 5.4	3.2/02.2	26588
2005 EH ₁₅₆	2007 11 04.4	02 36.63 +19 57.2 19.9	-1.12 - 2.3	1.8/05.5	26735
2003 ND ₁	2007 11 04.4	02 36.64 -03 07.0 20.1	-1.07 - 1.9	6.9/31.6	00450
2005 JN ₇₆	2007 11 04.4	02 36.65 +12 22.5 20.7	-0.89 - 1.3	0.9/03.8	26056
2003 WO ₁₀₂	2007 11 04.4	02 36.66 +40 57.5 18.2	-1.27 - 1.5	10.4/11.2	24427
2001 MF ₁₉	2007 11 04.5	02 36.58 -03 44.8 19.6	-0.88 - 0.7	6.5/31.5	26591
2006 JA ₁	2007 11 04.5	02 36.58 +25 17.9 19.3	-1.02 - 8.7	3.6/07.4	26764
2002 JL ₈₁	2007 11 04.5	02 36.58 +15 33.9 20.3	-1.04 - 3.1	0.1/04.6	26622
2001 RX ₃₉	2007 11 04.5	02 36.60 +07 25.1 19.6	-0.71 -10.3	2.8/02.0	25830
2003 SL ₁₁	2007 11 04.5	02 36.63 +23 31.9 18.9	-1.00 - 3.4	3.9/06.5	26666
2003 SS ₁₁	2007 11 04.5	02 36.69 +15 44.4 19.7	-1.04 - 5.2	0.2/04.6	26666
2006 HY ₆₅	2007 11 04.5	02 36.71 +12 12.1 20.3	-1.04 - 3.0	1.2/03.8	26160
2005 JC ₁₄₆	2007 11 04.5	02 36.73 +13 36.8 20.4	-0.84 - 2.7	0.5/04.1	26747

1996 XV ₂₂	2007 11 04.5	02 36.73 -01 55.7 19.2	-0.83 - 1.1	5.8/31.6	26551
2004 GR ₂	2007 11 04.5	02 36.76 -17 19.7 21.3	-0.87 + 0.5	7.8/27.6	66355
2005 EA ₂₉₁	2007 11 04.5	02 36.77 -08 50.4 19.8	-0.85 - 6.3	8.9/28.3	26740
2003 YX ₆₅	2007 11 04.5	02 36.80 +17 13.1 18.0	-0.88 - 5.1	0.9/05.0	26700
2003 VQ ₄	2007 11 04.5	02 36.81 +19 42.1 20.1	-1.00 - 4.0	1.5/05.6	77740
1996 RB ₁₈	2007 11 04.5	02 36.87 +17 39.1 19.4	-1.05 - 3.7	1.0/05.1	26550
2003 SG ₂₃₁	2007 11 04.5	02 36.90 +12 06.4 18.9	-0.97 - 1.8	1.6/03.9	25929
2002 RB ₃₅	2007 11 04.5	02 36.94 +18 14.0 18.6	-0.89 - 5.7	1.1/05.4	26634
2005 BN ₃₁	2007 11 04.5	02 36.96 +01 16.9 19.5	-0.96 - 3.5	6.3/01.3	26725
2007 TJ ₄₀	2007 11 04.5	02 36.96 +10 19.8 18.8	-0.99 - 5.4	2.4/03.3	26530
2003 SW	2007 11 04.5	02 36.96 +17 21.9 18.8	-0.92 - 4.4	1.0/05.1	26665
2006 HV ₇₈	2007 11 04.5	02 36.98 +15 14.7 20.2	-1.16 - 1.8	0.0/04.6	26161
2002 EB ₁₀₈	2007 11 04.5	02 37.00 +15 41.6 20.5	-1.04 - 5.1	0.1/04.7	26615
2000 YT ₅₃	2007 11 04.5	02 37.04 +07 42.7 18.2	-1.01 - 2.8	3.3/02.8	26584
2004 BA ₁₉	2007 11 04.5	02 37.05 +34 53.9 17.7	-0.96 - 8.0	8.1/10.8	26704
1999 JM ₁₁₂	2007 11 04.6	02 36.96 +14 07.9 20.4	-0.74 - 5.4	0.3/04.3	26556
2004 BD ₆₆	2007 11 04.6	02 36.97 +12 02.6 20.4	-0.87 - 3.3	1.1/03.8	87608
2000 ST ₁₅₄	2007 11 04.6	02 36.99 +16 21.8 18.4	-1.15 + 1.8	0.5/04.8	26577
2005 BC ₂₄	2007 11 04.6	02 37.00 +06 43.2 19.2	-1.01 - 4.0	3.5/02.5	26724
2002 RZ ₁₈₉	2007 11 04.6	02 37.07 +27 24.9 20.4	-1.03 - 3.2	4.5/07.7	94841
2002 GU ₇₂	2007 11 04.6	02 37.08 +06 21.5 18.7	-0.97 - 6.4	3.5/02.3	26618
2006 DU ₁₁₅	2007 11 04.6	02 37.14 +08 32.6 20.3	-1.04 - 5.0	2.7/03.0	26754
2000 WP ₇₅	2007 11 04.6	02 37.14 +25 51.8 19.2	-1.02 - 6.6	4.7/07.5	74860
2005 BZ ₁₉	2007 11 04.6	02 37.15 -11 00.2 20.1	-0.93 - 1.6	8.2/29.4	26724
2003 WJ ₈₃	2007 11 04.6	02 37.16 +24 06.0 17.9	-1.27 + 3.6	3.9/06.1	26692
2003 SS ₇₆	2007 11 04.6	02 37.17 +13 11.5 17.9	-0.76 -11.1	1.0/03.9	25924
2002 QQ ₄	2007 11 04.6	02 37.17 +09 45.8 19.0	-0.85 - 5.9	2.1/03.1	26630
2004 GF ₄₁	2007 11 04.6	02 37.18 +39 15.9 19.5	-1.04 - 2.9	8.2/10.8	26713
2005 EC ₁₂₅	2007 11 04.6	02 37.19 +24 43.2 18.8	-1.06 - 1.0	3.6/06.7	26734
2002 TZ	2007 11 04.6	02 37.23 +12 35.4 19.4	-0.92 - 2.6	1.0/04.0	26641
2004 EJ ₆₅	2007 11 04.6	02 37.25 +16 45.0 18.3	-1.05 + 1.9	0.4/04.9	25996
2005 KH ₇	2007 11 04.6	02 37.27 -09 07.7 21.1	-0.74 - 2.6	6.4/29.2	86761
2002 LA ₄₉	2007 11 04.6	02 37.27 +25 31.3 21.5	-1.03 - 5.7	3.1/07.4	74189
2004 QZ ₂₅	2007 11 04.6	02 37.29 -08 51.1 19.7	-1.01 -14.7	10.3/27.5	26714
2005 JZ ₈₉	2007 11 04.6	02 37.30 +01 03.0 20.8	-0.81 - 2.3	4.2/01.2	26747
2003 CX ₁₀	2007 11 04.6	02 37.31 +49 10.9 19.6	-1.58 - 4.4	14.9/14.4	02144
2004 BO ₄₉	2007 11 04.6	02 37.31 -04 23.4 20.2	-0.79 - 2.7	5.6/30.7	11019
2001 SO ₁₄₂	2007 11 04.6	02 37.34 +18 50.6 19.2	-0.82 - 4.8	1.1/05.6	25835
2002 RS ₂₃₃	2007 11 04.6	02 37.36 +13 31.6 19.8	-0.90 - 4.7	0.6/04.2	26638
2003 UW ₂₀₅	2007 11 04.6	02 37.39 +22 53.1 17.4	-0.80 -12.3	3.4/07.2	26685
2003 YV ₄₁	2007 11 04.6	02 37.41 +16 35.5 20.3	-0.86 - 4.0	0.4/05.0	25978
2001 SC ₃₀₀	2007 11 04.6	02 37.42 +08 35.8 20.0	-0.75 - 6.4	2.2/02.8	26600
2002 ET ₈₈	2007 11 04.7	02 37.36 +10 40.6 20.8	-1.01 - 4.4	1.6/03.6	26615
2005 AP ₆₀	2007 11 04.7	02 37.37 +18 20.1 20.5	-1.06 - 4.3	1.1/05.4	11078
2003 QN ₄₃	2007 11 04.7	02 37.38 +12 02.0 19.1	-1.01 - 5.2	1.4/03.9	26662
2003 RJ ₂₇	2007 11 04.7	02 37.43 +24 00.1 20.8	-1.11 - 4.8	3.3/06.9	25920
2003 VO ₅	2007 11 04.7	02 37.45 +10 24.6 19.2	-1.15 + 2.6	2.1/03.9	25955
2004 DV ₇₅	2007 11 04.7	02 37.47 +13 49.2 20.5	-0.82 - 3.9	0.5/04.3	11036
2003 WU ₁₃₅	2007 11 04.7	02 37.47 +26 02.1 18.2	-0.89 -10.8	4.3/08.1	25970
2002 RW ₅₆	2007 11 04.7	02 37.49 +05 07.7 19.3	-0.80 - 7.6	3.6/01.8	26635
2006 GE ₂₁	2007 11 04.7	02 37.49 +13 55.9 21.1	-1.10 - 2.7	0.5/04.4	02315

2002 CZ ₂₄₁	2007 11 04.7	02 37.49 +11 02.1 18.8	-0.99 - 6.4	1.6/03.6	26612
2000 QJ ₁₈₄	2007 11 04.7	02 37.52 +12 59.7 18.7	-1.10 - 1.9	1.2/04.2	26574
2002 GY ₁₄₂	2007 11 04.7	02 37.53 +14 00.4 19.6	-0.99 - 6.4	0.6/04.4	26619
2005 EF ₂₀₅	2007 11 04.7	02 37.60 +14 27.6 19.8	-0.94 - 3.0	0.3/04.5	26038
2002 GH ₁₂₇	2007 11 04.7	02 37.62 +14 38.4 20.7	-0.99 - 6.3	0.3/04.6	26619
2000 CF ₁₄₉	2007 11 04.7	02 37.64 +03 27.7 22.1	-0.81 - 5.8	3.4/01.5	07833
2006 HS ₁₂	2007 11 04.7	02 37.66 +34 29.0 20.4	-1.72 + 3.8	8.6/07.7	11168
2003 SM ₈	2007 11 04.7	02 37.67 +13 10.5 20.1	-0.96 - 6.0	0.9/04.2	26666
2001 SB ₂₄	2007 11 04.7	02 37.67 +06 48.9 19.1	-0.74 - 5.9	2.8/02.4	26597
1999 TW ₂₀₈	2007 11 04.7	02 37.70 +28 17.6 18.3	-0.96 - 9.9	4.8/08.7	26559
2002 OH ₁₇	2007 11 04.7	02 37.73 +04 06.7 20.1	-0.88 - 5.7	3.8/01.9	26626
2002 KN ₅	2007 11 04.7	02 37.74 +08 14.3 20.1	-0.98 - 3.2	2.4/03.1	26623
2005 EP ₃₂	2007 11 04.7	02 37.81 +15 08.2 19.5	-0.95 - 2.5	0.1/04.7	26029
2000 SD ₁₄₁	2007 11 04.7	02 37.84 +24 01.7 18.4	-1.04 - 4.0	4.2/06.9	26577
2005 EW ₂₀₈	2007 11 04.8	02 37.77 +16 37.3 21.4	-0.89 - 4.5	0.4/05.1	26737
2002 RW ₈₀	2007 11 04.8	02 37.82 +27 29.3 19.7	-1.05 - 1.7	4.5/07.6	75560
2005 GB ₃	2007 11 04.8	02 37.85 +19 57.5 19.8	-1.00 - 1.4	1.5/05.8	77856
2003 XD ₄	2007 11 04.8	02 37.86 +05 59.9 19.8	-0.95 - 3.7	3.5/02.5	26696
2007 TV ₇₉	2007 11 04.8	02 37.91 +24 01.1 19.0	-1.08 - 2.8	4.4/06.8	26537
2002 RF ₇	2007 11 04.8	02 37.94 +30 29.9 18.9	-1.07 - 3.9	5.2/08.8	26634
2004 DU ₄₈	2007 11 04.8	02 37.94 +15 44.5 20.3	-0.77 - 3.6	0.1/04.9	26710
2005 GK ₅₈	2007 11 04.8	02 37.94 +20 37.8 20.2	-1.03 - 0.1	1.6/05.9	89653
2005 EB ₁₆₃	2007 11 04.8	02 37.95 +14 22.0 19.6	-0.91 - 3.6	0.4/04.6	26736
2004 CM ₆₆	2007 11 04.8	02 38.00 +06 45.4 20.0	-0.83 - 2.1	2.6/02.8	26708
2002 EA ₂₀	2007 11 04.8	02 38.03 +11 27.8 20.6	-1.00 - 5.0	1.4/03.9	26613
2005 EJ ₂₇₉	2007 11 04.8	02 38.03 -07 20.8 21.0	-0.74 - 3.6	5.8/29.8	04323
2003 SK ₈₃	2007 11 04.8	02 38.09 +14 56.6 21.1	-1.04 - 4.0	0.2/04.8	00521
2006 KX ₉₁	2007 11 04.8	02 38.13 +11 30.7 20.4	-0.93 - 5.0	1.5/03.9	26179
2007 TH ₁₇	2007 11 04.8	02 38.14 +15 35.9 20.2	-0.77 - 6.1	0.1/04.9	26526
1999 XR ₇₇	2007 11 04.8	02 38.18 -06 07.0 18.2	-1.02 + 0.6	9.2/31.2	26563
2006 JN ₄₈	2007 11 04.8	02 38.18 +16 12.0 20.1	-1.05 - 6.3	0.3/05.1	01771
2004 BM ₂₉	2007 11 04.8	02 38.20 -08 35.4 21.4	-0.74 - 2.9	6.0/29.5	87606
2004 CX ₉₈	2007 11 04.8	02 38.20 +27 41.9 19.7	-0.89 - 2.6	3.4/07.9	11030
2003 WN ₁₃₆	2007 11 04.8	02 38.25 +01 16.7 18.3	-1.07 + 6.8	7.3/03.2	26694
2001 FX ₁₆₃	2007 11 04.9	02 38.22 +37 21.6 18.9	-1.26 + 0.9	9.9/09.3	26590
1996 XY ₂₉	2007 11 04.9	02 38.24 +12 53.5 19.0	-0.98 - 2.7	1.2/04.3	26551
2007 TV ₁₅₉	2007 11 04.9	02 38.29 +17 46.9 18.4	-0.89 - 9.1	1.1/05.6	26544
2002 TP ₁₁	2007 11 04.9	02 38.30 +08 12.7 19.5	-0.88 - 3.4	2.6/03.2	26641
2000 VX ₄₁	2007 11 04.9	02 38.31 +21 00.0 18.6	-0.98 - 5.7	2.7/06.4	26582
2005 AK ₈	2007 11 04.9	02 38.32 +10 28.2 19.6	-1.01 - 3.8	1.8/03.8	26721
1999 VX ₁₈₅	2007 11 04.9	02 38.32 +07 43.0 18.8	-1.15 + 1.4	3.3/03.6	26562
2003 WN ₇₂	2007 11 04.9	02 38.35 +20 15.9 19.6	-1.00 - 3.6	1.9/06.0	26692
2006 KA ₅₉	2007 11 04.9	02 38.36 +10 14.3 19.9	-0.87 - 6.0	2.0/03.6	26768
2005 EM ₉₆	2007 11 04.9	02 38.37 +22 25.5 19.6	-0.98 - 6.3	2.5/06.8	26733
1999 XD ₁₄₂	2007 11 04.9	02 38.38 +06 00.4 18.7	-1.18 + 2.1	3.8/03.3	26564
2001 SR ₂₉	2007 11 04.9	02 38.44 +19 18.7 19.3	-0.87 - 2.4	1.2/06.0	26598
2002 QQ ₁₃	2007 11 04.9	02 38.45 +21 01.1 20.2	-0.92 - 5.6	2.0/06.4	08316
2004 BB ₇₀	2007 11 04.9	02 38.46 +31 31.3 19.2	-0.99 - 3.0	7.0/09.0	26706
2004 CL ₂₂	2007 11 04.9	02 38.47 -07 16.8 20.7	-0.81 - 3.0	7.0/30.0	87612
2004 BH ₈₉	2007 11 04.9	02 38.48 +24 10.8 19.8	-0.82 - 4.4	2.3/07.3	26706
2005 CU ₂₆	2007 11 04.9	02 38.49 -02 34.0 20.5	-0.93 - 3.4	6.5/31.5	95644

2004 DW ₂₃	2007 11 04.9	02 38.50 +16 49.4 20.5	-0.83 - 4.1	0.4/05.3	77777
2006 KK ₁₅	2007 11 04.9	02 38.52 -01 42.3 20.7	-0.88 - 3.0	5.4/31.9	02353
2002 QT ₂₆	2007 11 04.9	02 38.54 +16 36.0 20.5	-0.93 - 3.8	0.4/05.3	26631
2002 JX ₂₈	2007 11 04.9	02 38.57 +11 22.1 20.1	-1.05 - 3.4	1.5/04.1	26621
2005 GQ ₁₈₂	2007 11 04.9	02 38.58 +11 46.1 20.8	-0.88 - 3.7	1.2/04.1	26052
2004 CB ₇₈	2007 11 04.9	02 38.59 +12 24.9 19.6	-0.82 - 3.3	0.9/04.2	26708
2003 WY ₃₅	2007 11 04.9	02 38.59 +22 40.7 19.6	-0.99 - 5.2	2.7/06.9	26690
1994 PQ ₁	2007 11 04.9	02 38.62 -26 06.6 18.3	-1.37 +17.2	20.3/07.4	26548
2003 OA ₆	2007 11 04.9	02 38.64 +21 54.5 19.0	-1.07 - 6.7	2.7/06.7	26659
2003 WA ₈₉	2007 11 05.0	02 38.55 +15 07.8 18.8	-0.89 - 9.0	0.1/04.9	26692
2001 FU	2007 11 05.0	02 38.57 -08 03.8 20.0	-0.83 - 3.5	6.6/30.1	87420
2001 FQ ₉₉	2007 11 05.0	02 38.59 -00 40.7 19.6	-0.88 - 3.5	5.3/01.0	26589
2005 EU ₉₂	2007 11 05.0	02 38.59 +25 11.7 20.1	-1.05 - 2.5	3.3/07.2	26733
2002 GO ₁₃	2007 11 05.0	02 38.59 +15 51.6 19.0	-1.09 - 2.8	0.2/05.1	26617
2006 KE ₆₀	2007 11 05.0	02 38.62 +05 14.1 19.6	-0.91 - 4.5	3.8/02.5	03924
2003 PF ₉	2007 11 05.0	02 38.64 +31 09.8 19.3	-1.15 - 5.4	7.2/09.4	53742
2006 HK ₁₉	2007 11 05.0	02 38.68 +07 52.7 20.1	-0.97 - 3.7	2.9/03.3	26760
2004 XM ₁₂₁	2007 11 05.0	02 38.72 +13 54.7 19.6	-1.05 - 4.6	0.6/04.7	26719
2003 WH ₁₃₉	2007 11 05.0	02 38.78 +00 38.9 18.4	-1.04 + 1.9	5.7/02.4	26695
2005 BS ₁₆	2007 11 05.0	02 38.83 +30 11.2 19.4	-1.18 - 3.4	6.0/08.5	76620
1999 CL ₁₅₂	2007 11 05.0	02 38.85 +11 54.0 20.9	-0.85 - 4.3	1.3/04.2	68535
2003 YQ ₇₉	2007 11 05.0	02 38.87 +01 13.7 19.9	-0.94 - 1.6	5.4/01.8	76331
2002 RD ₁₉₄	2007 11 05.0	02 38.90 +10 11.5 19.9	-0.88 - 4.1	2.0/03.8	26637
2001 ST ₂₆₄	2007 11 05.0	02 38.91 +12 09.8 20.0	-0.77 - 4.9	1.1/04.2	26600
2007 RW ₂₃₅	2007 11 05.0	02 38.91 +14 55.5 20.3	-1.06 - 2.8	0.2/04.9	26484
2002 VH ₅	2007 11 05.0	02 38.96 +14 39.2 19.9	-0.82 - 4.9	0.3/04.9	26648
2001 BY ₄₅	2007 11 05.0	02 38.97 -02 57.3 19.6	-0.86 - 5.6	5.6/31.2	26586
2001 TA ₁₇₁	2007 11 05.0	02 38.99 +31 43.8 18.9	-1.02 - 0.3	5.5/08.6	40781
2006 OM ₁₇	2007 11 05.0	02 39.00 +45 21.6 19.9	-1.25 - 1.0	9.5/12.9	03970
2003 SR ₄₃	2007 11 05.1	02 38.95 +26 50.4 18.7	-1.08 - 3.7	5.0/07.8	75938
2005 JB ₁	2007 11 05.1	02 38.98 +13 51.5 19.6	-0.87 - 8.3	0.5/04.6	26745
2002 RL ₁₄₄	2007 11 05.1	02 38.98 +10 40.3 19.4	-0.82 - 5.9	1.9/03.8	25874
2006 HF ₇	2007 11 05.1	02 38.99 +19 58.9 19.4	-1.12 + 0.6	1.4/06.0	02319
2003 ST ₂₃₂	2007 11 05.1	02 39.01 +19 53.1 19.4	-1.16 - 1.8	1.9/06.0	26673
1994 GP ₄	2007 11 05.1	02 39.01 +15 14.4 20.1	-1.00 - 5.2	0.1/05.1	26548
2002 RV ₄₅	2007 11 05.1	02 39.02 +19 09.5 18.9	-0.98 - 2.2	1.3/05.9	26635
2005 EL ₃₇	2007 11 05.1	02 39.02 +20 46.1 19.5	-1.01 - 3.4	1.9/06.4	26731
2003 QT ₈₇	2007 11 05.1	02 39.02 +07 56.3 19.8	-0.99 - 6.2	3.0/03.2	26664
1997 TR ₁₂	2007 11 05.1	02 39.08 +17 15.1 19.8	-0.87 - 4.5	0.7/05.6	26551
2005 JD ₄	2007 11 05.1	02 39.08 +16 55.3 20.0	-0.75 - 5.3	0.4/05.5	87669
2002 CR ₁₆₈	2007 11 05.1	02 39.09 +04 28.2 20.3	-1.00 - 3.7	3.7/02.6	26611
2002 PZ ₁₂₄	2007 11 05.1	02 39.11 -07 47.8 19.0	-0.77 - 5.6	9.3/29.5	26629
2003 YU ₄₇	2007 11 05.1	02 39.13 +19 11.0 19.3	-0.94 - 4.8	1.3/06.0	26699
2005 EX ₁₅₉	2007 11 05.1	02 39.14 +14 40.5 19.6	-0.99 - 5.0	0.3/04.9	26736
2005 EZ ₁₅₀	2007 11 05.1	02 39.14 +13 28.7 20.0	-0.93 - 2.6	0.7/04.7	76916
2006 JM	2007 11 05.1	02 39.18 +17 42.5 20.7	-1.08 - 3.2	0.8/05.6	26764
2002 PW ₄₈	2007 11 05.1	02 39.19 +31 16.7 18.8	-0.99 - 5.1	5.2/09.5	02113
2004 JM ₁₇	2007 11 05.1	02 39.21 +15 12.5 19.1	-0.92 - 1.7	0.1/05.1	26713
2004 DC ₄₆	2007 11 05.1	02 39.24 +34 48.4 19.3	-1.03 - 2.1	6.6/09.9	26710
2004 CY ₈₂	2007 11 05.1	02 39.24 +21 19.0 20.0	-0.80 - 4.7	1.6/06.7	11029
2003 PM ₇	2007 11 05.1	02 39.26 +06 07.6 18.6	-0.96 - 5.7	4.2/02.8	26660

2005 EL ₃₅	2007 11 05.1	02 39.31 +27 32.8 20.8	-0.96	- 6.0	3.6/08.4	76778
1998 CN ₄	2007 11 05.1	02 39.36 +54 55.3 19.3	-1.91	0.0	18.2/15.1	01968
1999 TN ₁₅₂	2007 11 05.1	02 39.38 +14 15.2 18.0	-0.77	- 0.8	0.4/04.9	26558
2001 SQ ₃₅	2007 11 05.1	02 39.38 +19 04.4 19.7	-0.89	- 1.3	1.1/06.0	26598
2001 FS ₄₂	2007 11 05.1	02 39.39 +00 45.6 19.7	-0.86	- 7.7	5.2/31.9	26589
2005 EA ₂₄₀	2007 11 05.2	02 39.34 +21 11.1 20.2	-1.02	- 2.0	2.4/06.5	26738
2006 HO ₉	2007 11 05.2	02 39.38 +17 08.4 19.5	-1.09	- 6.5	10.6/26.0	26153
2006 HH ₁₁	2007 11 05.2	02 39.39 +03 52.5 19.7	-0.96	- 5.7	4.9/02.3	26760
2001 HK ₃₅	2007 11 05.2	02 39.39 +17 02.1 19.8	-0.89	- 8.1	0.5/05.6	26591
2005 KR ₇	2007 11 05.2	02 39.45 +20 45.8 19.8	-0.77	- 6.7	1.4/06.7	26748
2002 RW ₂₀₇	2007 11 05.2	02 39.47 +11 35.5 20.3	-0.91	- 3.6	1.3/04.3	25875
2000 AY ₆₃	2007 11 05.2	02 39.48 +03 15.4 18.6	-0.90	- 3.4	5.2/02.2	26566
2003 QR ₂₉	2007 11 05.2	02 39.51 +21 17.1 20.6	-1.10	- 4.0	2.2/06.6	10980
1999 HY ₆	2007 11 05.2	02 39.60 +17 52.6 19.4	-1.18	- 0.8	1.0/05.7	24290
2005 GJ ₁₁₃	2007 11 05.2	02 39.68 -02 49.4 19.9	-0.85	- 2.7	5.5/31.8	26744
2005 GZ ₃₆	2007 11 05.2	02 39.71 +17 15.7 19.1	-1.01	- 0.4	0.6/05.6	26742
2002 CX ₂₉₈	2007 11 05.2	02 39.74 +16 41.0 19.1	-1.04	- 4.7	0.5/05.6	26612
1999 WW ₁₅	2007 11 05.2	02 39.78 +15 19.6 20.7	-0.94	- 5.7	0.1/05.2	26563
2004 FM ₃₆	2007 11 05.2	02 39.78 +12 33.3 19.6	-0.83	- 2.5	0.9/04.6	25997
2003 UE ₂₈₁	2007 11 05.2	02 39.79 +15 30.4 19.1	-0.98	- 3.5	0.0/05.3	26688
2004 BW ₁₁₀	2007 11 05.2	02 39.80 +37 36.8 19.8	-1.08	- 3.0	7.3/10.8	08880
2001 HG ₃₂	2007 11 05.2	02 39.87 -06 18.5 19.5	-1.64	+ 8.4	10.6/03.2	26591
2007 TE ₁₀₂	2007 11 05.3	02 39.74 +06 25.4 18.6	-0.95	- 6.4	4.5/03.0	26540
2006 PY ₆	2007 11 05.3	02 39.77 +14 45.6 20.2	-0.84	- 3.2	0.2/05.1	26771
2002 PF ₃₆	2007 11 05.3	02 39.78 +28 06.8 21.5	-1.02	- 5.1	4.0/08.7	03338
2002 VU ₁₁₃	2007 11 05.3	02 39.78 +13 15.0 19.1	-0.83	- 4.2	0.9/04.7	26651
2003 WA ₁₉	2007 11 05.3	02 39.79 +07 22.7 19.4	-1.20	+ 2.5	2.5/04.0	26690
2002 CX ₁₃₇	2007 11 05.3	02 39.84 +09 01.3 18.3	-0.97	- 8.3	2.9/03.5	26610
1998 RL ₅₈	2007 11 05.3	02 39.86 +17 50.4 18.6	-0.96	- 3.7	0.9/06.0	26553
2002 PW ₆₃	2007 11 05.3	02 39.86 -00 18.5 19.8	-0.86	- 5.8	5.6/01.2	26627
2002 EC ₁₀₄	2007 11 05.3	02 39.88 -01 25.9 20.6	-0.95	- 4.0	5.7/01.2	18003
2004 XA ₁₁	2007 11 05.3	02 39.89 +08 35.2 18.8	-1.11	- 1.4	3.2/03.9	26009
2002 EB ₁₁₅	2007 11 05.3	02 39.91 +07 07.7 18.9	-1.05	- 3.2	3.1/03.4	26615
2000 CM ₁₁₃	2007 11 05.3	02 39.93 -08 10.4 19.6	-0.85	- 3.9	8.1/30.0	01994
2004 BK ₁₆	2007 11 05.3	02 39.94 -04 57.1 19.9	-0.75	- 2.5	5.2/31.1	11017
2001 QB ₂₀₃	2007 11 05.3	02 39.97 +25 41.5 19.1	-0.96	- 1.9	3.5/07.7	26594
2004 HL ₅₀	2007 11 05.3	02 39.98 -12 38.3 19.0	-0.75	- 3.4	8.2/28.3	26713
1999 TM ₂₅₉	2007 11 05.3	02 39.99 +14 33.2 18.0	-0.74	- 2.1	0.3/05.1	26559
2003 YL ₁₃₅	2007 11 05.3	02 40.00 +12 37.3 18.0	-1.04	+ 1.7	1.3/04.8	26702
2004 BC ₅₁	2007 11 05.3	02 40.01 +28 28.6 20.3	-0.84	- 3.9	3.3/08.8	11019
2002 XP ₃₉	2007 11 05.3	02 40.01 +18 10.9 19.4	-0.86	- 3.7	0.9/06.0	26653
2000 DR ₂₀	2007 11 05.3	02 40.02 -01 42.5 20.1	-0.81	- 4.8	5.1/31.8	10726
2001 ST ₁₉₆	2007 11 05.3	02 40.03 +27 00.7 20.5	-0.93	- 1.9	3.5/08.1	20342
2002 SY ₆₀	2007 11 05.3	02 40.03 +11 35.0 19.1	-0.92	- 2.2	1.5/04.5	26640
2002 EL ₈	2007 11 05.3	02 40.04 +10 03.3 19.6	-1.01	- 5.4	2.3/04.0	26613
2006 GR ₂₉	2007 11 05.3	02 40.04 +15 13.5 20.3	-1.04	- 3.6	0.1/05.3	26758
2001 TY ₂₅₆	2007 11 05.3	02 40.06 +02 58.5 19.8	-0.78	- 2.3	3.7/02.3	08064
2003 KZ ₃₄	2007 11 05.3	02 40.07 +04 51.3 19.2	-1.15	+ 0.8	5.0/03.5	26658
2003 QK ₅₀	2007 11 05.3	02 40.08 +01 37.2 18.4	-0.92	- 2.8	6.5/02.1	25913
2005 JT ₅₉	2007 11 05.3	02 40.10 +10 19.1 19.7	-0.83	- 8.7	1.8/03.8	26055
2001 SU ₅₁	2007 11 05.3	02 40.14 -10 59.4 20.3	-0.74	- 7.0	7.7/28.5	26598

2001 RH ₅₅	2007 11 05.3	02 40.14 +26 30.2 19.2	-0.93	- 2.3	3.2/08.0	20955
2003 WL ₄₁	2007 11 05.3	02 40.19 +14 06.3 18.3	-1.04	+ 1.3	0.7/05.1	25959
2007 RX ₂₃₅	2007 11 05.4	02 40.14 +13 52.6 18.9	-1.06	- 3.4	0.8/05.0	26484
2002 TK ₆	2007 11 05.4	02 40.21 +12 15.1 18.8	-0.86	- 2.0	1.5/04.6	25882
2007 TZ ₃₄	2007 11 05.4	02 40.21 +11 26.0 19.2	-0.88	- 8.7	1.6/04.2	26530
2001 SQ ₉₂	2007 11 05.4	02 40.22 +26 20.0 20.2	-0.91	- 2.6	3.4/08.0	61026
2002 PJ ₇₁	2007 11 05.4	02 40.24 +03 30.5 19.6	-0.85	- 7.0	4.4/02.1	26628
2006 DR ₅₄	2007 11 05.4	02 40.26 +06 32.1 19.5	-1.06	- 5.6	4.0/03.3	26753
2001 TW ₂₂₈	2007 11 05.4	02 40.30 +34 47.4 19.1	-0.90	- 4.9	6.0/11.0	04178
2000 YM ₂	2007 11 05.4	02 40.30 +30 28.0 18.7	-1.13	- 4.3	6.0/09.0	26584
2002 JA ₁₀	2007 11 05.4	02 40.30 -08 52.4 19.5	-0.87	- 9.7	8.4/29.1	03318
2002 OZ ₂₄	2007 11 05.4	02 40.30 +20 17.1 20.5	-0.97	- 3.9	1.5/06.6	04206
2006 HZ ₆₀	2007 11 05.4	02 40.32 +15 22.7 19.5	-1.06	- 6.8	0.1/05.4	26762
2004 BX ₁₂₀	2007 11 05.4	02 40.33 +01 24.8 19.2	-1.10	+ 2.8	6.1/02.9	26707
2005 GA ₂₈	2007 11 05.4	02 40.33 +17 07.8 20.5	-0.92	- 4.8	0.5/05.8	26741
2006 HF ₅₃	2007 11 05.4	02 40.38 -17 17.3 19.7	-1.54	+ 7.0	15.6/32.0	03900
2006 PQ ₂	2007 11 05.4	02 40.38 +07 23.4 20.1	-0.83	- 4.4	2.5/03.4	26771
2000 UJ ₆₃	2007 11 05.4	02 40.41 +17 48.6 18.6	-0.92	-10.0	1.0/06.1	26581
2004 FV ₈₀	2007 11 05.4	02 40.42 +15 14.0 20.3	-0.90	- 0.8	0.1/05.4	25998
2004 EO ₅₅	2007 11 05.4	02 40.42 +14 59.1 19.7	-0.77	- 6.4	0.2/05.3	25996
2000 EF ₁₄₁	2007 11 05.4	02 40.43 +19 56.5 19.9	-0.94	- 3.6	1.6/06.5	26569
2002 YD ₂₃	2007 11 05.4	02 40.44 +16 12.0 19.0	-0.82	- 3.9	0.2/05.6	25903
2000 WL ₁₁₁	2007 11 05.4	02 40.44 +18 35.3 18.6	-1.10	- 1.3	1.4/06.1	26583
2005 GA ₇₈	2007 11 05.4	02 40.49 +03 44.0 20.1	-0.84	- 1.0	3.3/02.9	04327
2005 EU ₁₀₉	2007 11 05.4	02 40.50 +16 51.0 20.7	-1.04	- 4.4	0.5/05.8	02246
2003 SS ₆₇	2007 11 05.4	02 40.50 +19 16.2 19.1	-1.06	- 4.2	1.5/06.3	25923
1998 DT ₁₆	2007 11 05.4	02 40.50 +25 00.4 20.2	-0.82	- 4.8	2.7/08.0	26552
2006 FV ₂₉	2007 11 05.4	02 40.56 +13 31.1 20.3	-1.04	- 5.3	0.8/05.0	26757
2002 XP ₁₁₅	2007 11 05.4	02 40.58 -03 47.4 19.1	-0.82	- 2.0	6.5/31.7	08608
2000 YE ₄₀	2007 11 05.4	02 40.59 +05 31.4 19.4	-1.01	- 4.0	4.3/03.1	26584
2004 XW ₆₂	2007 11 05.5	02 40.53 +25 41.2 19.0	-1.07	- 6.1	4.4/08.1	26718
2003 FC ₈	2007 11 05.5	02 40.53 +38 31.3 18.7	-1.95	+10.8	12.2/07.2	26657
1998 FC ₅₀	2007 11 05.5	02 40.59 +07 39.0 20.1	-0.94	- 6.4	3.0/03.4	10691
2001 BN ₃₃	2007 11 05.5	02 40.60 -31 13.0 18.5	-0.66	- 2.8	22.4/17.0	26586
2006 KH ₄	2007 11 05.5	02 40.62 +11 03.3 21.0	-1.13	- 2.9	1.8/04.5	01784
2002 GP ₅₀	2007 11 05.5	02 40.62 +26 02.6 20.1	-1.08	- 5.9	4.0/08.2	87537
2002 EQ ₉₇	2007 11 05.5	02 40.64 +15 45.0 19.6	-1.01	- 7.8	0.0/05.6	26615
2002 CA ₁₂₅	2007 11 05.5	02 40.65 +07 07.8 19.7	-1.03	- 5.2	3.4/03.4	30664
2001 OY ₁₁	2007 11 05.5	02 40.67 +28 03.8 19.0	-0.83	-12.3	4.1/09.8	25821
2003 UD ₃₇₇	2007 11 05.5	02 40.68 +14 11.8 19.9	-0.89	- 5.7	0.7/05.2	25954
2002 WC ₁₄	2007 11 05.5	02 40.68 -00 23.8 19.6	-0.82	- 2.1	5.0/01.7	26652
2002 JG ₁₁₅	2007 11 05.5	02 40.73 -09 26.7 19.9	-0.94	- 1.8	8.3/30.9	02104
2002 FA ₉	2007 11 05.5	02 40.74 +12 05.3 20.6	-0.61	- 3.9	0.7/04.6	30730
2003 WD ₁₂₅	2007 11 05.5	02 40.74 +34 05.8 18.3	-0.88	- 8.7	8.5/11.4	26694
2005 JK ₁₃₆	2007 11 05.5	02 40.76 -01 31.4 19.5	-0.78	- 3.0	5.2/01.2	26747
2005 JS ₅₅	2007 11 05.5	02 40.82 +11 29.8 19.8	-0.84	- 0.3	1.1/04.7	26746
2002 RD ₂₇₃	2007 11 05.5	02 40.84 +15 01.8 20.2	-0.89	- 4.9	0.2/05.4	25878
2003 WC ₁₆	2007 11 05.5	02 40.85 +14 25.0 19.5	-1.01	- 3.3	0.5/05.3	26690
2003 UA ₂₃₅	2007 11 05.5	02 40.86 +05 02.3 18.9	-1.17	+ 2.9	4.3/03.8	26686
2001 SV ₆	2007 11 05.5	02 40.89 +13 12.3 19.2	-0.81	- 4.0	0.9/05.0	27232
2005 GZ ₁	2007 11 05.5	02 40.90 -02 20.7 20.0	-0.97	- 0.5	6.0/01.8	77856

2003 UV ₂₅₂	2007 11 05.5	02 40.91 +26 04.8 19.0	-1.00 -11.8	3.2/08.8	26686	2001 RS ₃₉	2007 11 05.7	02 41.74 +22 42.7 19.8	-0.84 - 6.4	2.1/07.8	20950
2005 AX ₅	2007 11 05.5	02 40.98 +09 11.7 18.1	-0.99 + 0.2	3.5/04.3	26016	2005 JK ₁₆₀	2007 11 05.7	02 41.75 +14 50.9 20.6	-0.80 - 4.0	0.2/05.6	26747
1999 RM ₃₀	2007 11 05.6	02 40.93 -09 54.4 19.8	-0.99 -16.9	11.7/27.5	26556	2001 CO ₃₈	2007 11 05.7	02 41.75 +07 21.4 19.7	-1.05 - 1.3	2.8/04.0	26587
2003 SG ₃₄	2007 11 05.6	02 40.95 +10 14.0 19.0	-0.85 - 5.0	2.6/04.2	25921	2000 AO ₁₆₂	2007 11 05.8	02 41.74 +49 18.0 19.7	-1.57 - 4.4	14.8/15.4	66106
2006 KC ₁₇	2007 11 05.6	02 40.95 +06 07.6 20.4	-0.98 - 6.5	3.7/03.1	26173	2005 JW ₁₄₉	2007 11 05.8	02 41.75 -00 05.2 20.6	-0.85 0.0	4.6/02.5	21820
2005 JH ₁₀₈	2007 11 05.6	02 40.96 -03 07.6 20.1	-0.80 - 1.8	5.4/01.1	87674	2003 WD ₁₀₉	2007 11 05.8	02 41.80 +15 50.8 18.8	-1.18 + 4.7	11.9/26.0	26693
2002 JT ₁₅	2007 11 05.6	02 40.97 +10 28.5 20.1	-0.93 - 7.4	1.7/04.2	26621	2001 PT ₃₄	2007 11 05.8	02 41.83 +26 21.7 18.9	-0.85 - 5.6	3.5/08.8	26593
2000 SL ₂₁₈	2007 11 05.6	02 41.01 +08 20.6 19.2	-1.22 + 1.4	3.3/04.4	25810	2003 SZ ₁₉₀	2007 11 05.8	02 41.85 +17 12.3 18.7	-0.98 - 3.8	0.7/06.2	26671
1997 SR ₂₃	2007 11 05.6	02 41.04 +17 12.9 20.1	-0.88 - 3.7	0.5/06.0	26551	2002 YD ₃₃	2007 11 05.8	02 41.86 +40 13.4 17.6	-0.91 -11.7	9.5/15.0	21789
2005 CT ₉	2007 11 05.6	02 41.05 +12 29.7 18.6	-1.03 - 2.7	1.5/04.9	26022	2004 EJ ₁₇	2007 11 05.8	02 41.86 +13 46.0 19.3	-0.90 - 1.1	0.6/05.4	25995
2004 BB ₇₉	2007 11 05.6	02 41.07 +35 59.6 21.0	-0.94 - 3.2	5.3/11.1	11021	2003 UU ₂₁₈	2007 11 05.8	02 41.87 +06 34.6 19.1	-1.02 - 0.3	3.7/04.0	25947
2005 JN ₁₀₉	2007 11 05.6	02 41.08 +02 09.7 20.2	-0.79 - 3.4	4.1/02.2	26747	2006 PB ₄₂	2007 11 05.8	02 41.93 -03 00.3 21.7	-0.74 - 3.9	4.8/01.0	11181
2000 UU ₈₃	2007 11 05.6	02 41.09 +06 32.2 19.1	-1.04 - 2.7	4.0/03.6	26581	2005 JD ₁₄₇	2007 11 05.8	02 41.95 -07 08.7 20.7	-0.79 - 2.4	6.4/31.1	86751
2007 RS ₅₇	2007 11 05.6	02 41.09 +09 01.2 19.4	-0.93 - 8.4	2.9/03.8	26387	2002 QR ₇₇	2007 11 05.8	02 41.99 +05 41.7 20.1	-0.86 - 4.8	3.6/03.3	26632
2000 AF ₂₃₈	2007 11 05.6	02 41.10 +06 21.1 18.3	-0.84 - 0.5	4.8/03.6	26567	2002 XD ₄₆	2007 11 05.8	02 42.00 -39 47.3 18.3	-1.38 +17.9	31.5/12.5	26653
2005 EK ₆₁	2007 11 05.6	02 41.10 +17 04.1 19.6	-0.99 - 6.6	0.5/06.0	26732	2003 HX ₂₆	2007 11 05.8	02 42.01 +06 57.0 19.5	-1.16 - 1.1	4.0/04.2	72757
2006 KT ₁₉	2007 11 05.6	02 41.11 +14 14.4 20.5	-1.00 - 5.3	0.5/05.3	26767	2004 XL ₁₉₁	2007 11 05.8	02 42.01 +12 07.1 19.2	-1.08 - 2.7	1.5/05.1	26720
2002 CC ₁₇₄	2007 11 05.6	02 41.16 +14 30.9 19.7	-1.08 - 3.5	0.4/05.4	25844	2002 QX ₁₀₈	2007 11 05.8	02 42.03 +10 35.2 19.7	-0.90 - 7.2	1.9/04.5	26633
2005 AD ₂₉	2007 11 05.6	02 41.19 +21 31.0 20.6	-0.99 - 5.2	1.8/07.1	26722	2006 HL ₁₂₁	2007 11 05.8	02 42.03 -08 59.0 18.5	-0.74 - 4.4	11.6/29.9	26764
2000 SL ₂₀₇	2007 11 05.6	02 41.20 +18 08.6 20.0	-1.16 - 2.6	1.0/06.2	26578	2003 QM ₇₃	2007 11 05.8	02 42.07 +08 35.0 19.0	-0.99 - 6.1	3.0/04.1	26663
2003 SS ₇	2007 11 05.6	02 41.21 +15 25.6 19.9	-0.99 - 7.1	0.1/05.6	26666	2001 SL ₂₃	2007 11 05.8	02 42.10 +13 46.0 19.5	-0.81 - 3.9	0.7/05.4	26597
2006 DP ₁₉₂	2007 11 05.6	02 41.22 +13 21.4 19.5	-1.14 - 3.2	0.9/05.2	26755	2003 SJ ₂₅	2007 11 05.8	02 42.10 +21 06.6 20.5	-1.09 - 5.1	1.9/07.2	26666
2003 SW ₃₁₉	2007 11 05.6	02 41.22 +16 33.8 21.1	-1.04 - 3.9	9.0/26.0	08754	2002 CD ₅₀	2007 11 05.8	02 42.11 +20 39.4 19.8	-1.06 - 6.2	1.8/07.1	26609
2003 YY ₇₃	2007 11 05.6	02 41.23 +16 12.8 19.0	-1.00 - 1.6	10.2/17.0	26700	2005 ET ₁₂	2007 11 05.8	02 42.12 +31 32.0 20.2	-1.14 - 1.4	5.2/09.4	76734
2004 RZ ₂₀₇	2007 11 05.6	02 41.26 -02 36.9 19.1	-0.96 -18.5	8.3/30.2	26714	2004 BJ ₉₂	2007 11 05.8	02 42.13 +26 34.8 20.4	-0.84 - 4.8	2.9/08.8	87609
2002 RF ₁₅	2007 11 05.6	02 41.30 +06 09.0 19.8	-0.86 - 5.6	3.3/03.2	26634	2003 XL ₄₃	2007 11 05.9	02 42.14 +07 51.1 18.3	-0.86 - 4.9	3.7/03.9	26698
2000 ET ₁₅₃	2007 11 05.6	02 41.33 +29 55.0 20.2	-1.05 - 1.5	4.4/08.9	26569	2006 HZ ₆₆	2007 11 05.9	02 42.15 +13 33.8 21.7	-1.02 - 5.0	0.8/05.4	11169
2003 SJ ₁₄₉	2007 11 05.6	02 41.34 +08 08.8 19.6	-0.91 - 6.1	3.2/03.7	00538	2003 FC ₅₅	2007 11 05.9	02 42.15 -01 45.6 18.9	-1.07 - 3.1	7.5/02.2	26657
2005 JG ₃₀	2007 11 05.6	02 41.35 +07 57.5 18.5	-0.83 - 6.8	2.9/03.6	26746	2005 EO ₁₉₈	2007 11 05.9	02 42.17 +22 40.0 20.0	-0.99 - 2.5	2.5/07.5	76953
2002 RS ₁₁	2007 11 05.6	02 41.35 +11 43.1 18.9	-0.85 - 5.4	1.5/04.7	26634	2003 SF ₈₃	2007 11 05.9	02 42.20 +16 31.6 19.2	-0.97 - 2.8	11.6/26.0	26668
2005 JQ ₈₄	2007 11 05.6	02 41.37 +04 48.6 19.4	-0.77 - 6.4	3.4/02.7	26747	2001 CZ ₁₁	2007 11 05.9	02 42.22 +30 02.9 20.0	-1.11 - 2.8	4.9/09.2	74906
2007 OT ₆	2007 11 05.7	02 41.34 -06 19.9 17.0	-1.35 +15.0	10.4/05.4	26303	2007 SK ₁₁	2007 11 05.9	02 42.22 +30 23.7 17.9	-1.27 + 2.2	6.4/08.6	26508
2003 QF ₁₈	2007 11 05.7	02 41.36 +18 13.9 18.1	-1.00 - 2.2	1.2/06.3	26661	2002 JS ₉₇	2007 11 05.9	02 42.23 +12 35.8 18.8	-1.06 - 2.7	1.2/05.2	26622
2006 OH	2007 11 05.7	02 41.47 +29 02.5 19.6	-0.88 - 4.6	4.4/09.3	26771	2006 EH ₅₃	2007 11 05.9	02 42.30 -21 03.5 19.0	-1.22 + 5.5	12.1/32.0	22814
2001 JN ₈	2007 11 05.7	02 41.48 +19 52.2 19.8	-0.93 - 4.8	1.3/06.8	77534	2005 JJ ₇₇	2007 11 05.9	02 42.30 +27 06.3 19.2	-0.94 - 4.4	3.5/08.9	26747
2005 GM ₄₁	2007 11 05.7	02 41.48 +08 03.4 21.1	-0.94 - 5.5	2.7/03.8	97782	2005 JY ₁₆₀	2007 11 05.9	02 42.31 +08 42.4 21.1	-0.74 - 5.5	2.0/04.0	77258
2004 BE ₈₉	2007 11 05.7	02 41.48 +00 43.4 21.0	-0.93 - 6.9	6.2/01.4	62483	1995 UY ₅₁	2007 11 05.9	02 42.31 +11 06.8 19.5	-0.93 - 3.8	2.1/04.8	26549
2004 EF ₁₈	2007 11 05.7	02 41.49 +01 45.7 20.0	-0.85 - 1.2	3.9/02.5	66341	2005 BM ₂₄	2007 11 05.9	02 42.32 +36 01.6 19.9	-1.21 - 3.1	7.2/10.7	77807
2002 SP ₆₇	2007 11 05.7	02 41.50 +12 05.3 20.2	-0.95 - 2.2	1.3/04.9	25881	2004 BW ₁₄₅	2007 11 05.9	02 42.32 +43 23.1 19.5	-1.05 - 5.7	11.3/14.6	86254
2002 NW ₄₇	2007 11 05.7	02 41.53 +16 16.9 19.2	-0.92 - 5.6	9.4/26.0	26625	2002 GB ₈	2007 11 05.9	02 42.34 +08 48.1 20.3	-1.00 - 4.1	2.5/04.3	26617
2004 CP ₁₂₅	2007 11 05.7	02 41.59 +07 57.8 19.8	-0.80 - 5.1	2.6/03.7	26709	2000 OG ₁₀	2007 11 05.9	02 42.35 +33 54.3 19.3	-0.88 - 4.6	4.8/11.1	10739
2002 RM ₆₈	2007 11 05.7	02 41.61 +25 18.6 19.0	-0.99 - 1.7	3.9/07.9	26635	2007 TG ₃₁	2007 11 05.9	02 42.38 +18 16.8 18.9	-1.01 + 1.3	1.0/06.4	26530
2004 BP ₉₀	2007 11 05.7	02 41.62 +00 52.2 20.5	-0.73 - 3.7	3.8/01.9	87609	2006 SB ₄₅	2007 11 05.9	02 42.43 +27 47.2 19.8	-0.85 - 5.7	3.7/09.3	26772
2003 XH ₁₃	2007 11 05.7	02 41.62 +10 15.9 18.8	-0.90 - 4.3	2.4/04.4	26697	2003 SB ₁₁₆	2007 11 05.9	02 42.43 +16 17.8 19.2	-0.95 - 7.6	10.3/26.0	26669
2002 PH ₆₈	2007 11 05.7	02 41.66 +01 43.0 20.6	-0.86 - 5.1	4.6/02.2	74198	2002 TA ₂₈	2007 11 05.9	02 42.44 +15 59.2 19.3	-0.87 - 4.4	8.6/26.0	26641
2003 UX ₄₉	2007 11 05.7	02 41.66 -00 31.2 19.4	-1.03 + 1.3	7.1/02.9	26679	2001 CW ₃₆	2007 11 05.9	02 42.50 +02 03.3 20.8	-0.90 - 4.8	4.4/02.5	10760
2003 WU ₂₇	2007 11 05.7	02 41.69 +21 21.2 19.9	-1.02 - 3.8	2.1/07.1	26690	2005 ED ₂₃₄	2007 11 05.9	02 42.54 +14 37.2 19.1	-1.08 - 1.0	0.5/05.8	26738
2001 PZ ₃₄	2007 11 05.7	02 41.69 +27 50.8 17.9	-0.78 - 9.4	4.6/09.7	20868	2003 VH ₁₀	2007 11 05.9	02 42.54 +28 04.8 18.6	-1.16 - 0.9	4.9/08.6	58043
2000 KV ₁₃	2007 11 05.7	02 41.74 +16 40.9 20.7	-1.12 - 6.9	9.9/26.0	46405	2006 JA ₁₂	2007 11 05.9	02 42.55 +06 11.2 20.0	-0.98 - 4.0	3.5/03.8	02340
1996 GZ ₅	2007 11 05.7	02 41.74 +11 53.3 20.7	-1.11 - 3.6	1.5/04.9	93703	2001 FN ₁₉₆	2007 11 05.9	02 42.55 +09 45.1 19.6	-0.96 - 1.7	1.9/04.7	26590
2001 QW ₂₉₀	2007 11 05.7	02 41.74 +12 27.3 18.6	-0.82 - 3.4	1.2/05.0	26595	2001 OJ ₄₄	2007 11 05.9	02 42.55 +19 39.0 17.9	-0.80 - 6.3	1.3/07.1	25821

2007 RV ₅₇	2007 11 05.9	02 42.57 +13 46.2 19.8	-0.89	- 5.0	0.8/05.5	26387
2004 FZ ₂₃	2007 11 05.9	02 42.57 +16 22.0 21.1	-0.79	- 3.5	0.2/06.1	26712
2003 WN ₁₇₂	2007 11 05.9	02 42.57 +38 21.9 18.5	-1.04	- 2.8	10.2/11.7	25972
2005 CH ₃	2007 11 05.9	02 42.58 +22 21.5 19.9	-1.10	- 3.2	2.4/07.5	26725
2001 TK ₁₄₆	2007 11 05.9	02 42.61 +23 14.9 19.7	-1.06	+ 1.4	2.3/07.4	26601
2003 WE ₈₀	2007 11 05.9	02 42.63 +01 05.2 18.6	-1.30	+ 5.7	5.5/04.3	26692
2003 YH ₁₀₂	2007 11 06.0	02 42.53 -02 03.4 19.2	-0.91	- 3.2	7.2/01.5	26701
2005 EV ₂₇	2007 11 06.0	02 42.55 +19 11.4 20.1	-1.05	- 4.3	1.4/06.8	26730
2005 JK ₈₅	2007 11 06.0	02 42.56 -01 14.3 20.9	-0.89	+ 0.9	4.3/02.6	87673
2003 WN ₅₉	2007 11 06.0	02 42.59 +10 31.5 19.3	-0.98	- 1.5	2.4/04.9	26691
2000 QM ₁₉₀	2007 11 06.0	02 42.61 +10 24.2 18.6	-1.12	- 2.2	2.3/04.9	26574
2002 RN ₂₆₇	2007 11 06.0	02 42.62 +11 21.4 21.3	-0.88	- 4.6	1.3/04.9	20290
1999 TX ₁₉₄	2007 11 06.0	02 42.62 +17 51.0 18.5	-0.89	- 7.0	0.9/06.6	26558
2005 HK	2007 11 06.0	02 42.67 +20 55.0 20.8	-0.93	- 3.3	1.7/07.3	26745
2001 QG ₁₈₈	2007 11 06.0	02 42.68 +37 31.1 19.3	-0.99	- 2.6	6.4/11.7	10780
2003 SD ₃₀₂	2007 11 06.0	02 42.70 +14 31.9 20.2	-1.05	- 3.8	0.5/05.8	02175
2001 BR ₃₂	2007 11 06.0	02 42.70 -20 32.7 22.2	-0.83	- 3.0	8.3/27.1	66182
2000 DK ₄₇	2007 11 06.0	02 42.71 +20 00.7 20.3	-0.91	- 3.9	1.4/07.1	26568
2004 EZ ₈₄	2007 11 06.0	02 42.75 +07 26.1 20.3	-0.76	- 3.3	2.3/04.0	26712
2002 RL ₃₄	2007 11 06.0	02 42.76 +12 58.1 18.5	-0.93	- 2.4	1.0/05.4	26634
2004 CS ₉₀	2007 11 06.0	02 42.76 +20 03.0 20.5	-0.79	- 4.2	1.1/07.2	26709
2001 RG ₁₁₅	2007 11 06.0	02 42.77 +10 23.7 20.2	-0.80	- 3.8	1.7/04.7	26597
2001 SN ₁₉₄	2007 11 06.0	02 42.78 +34 53.7 19.1	-1.08	+ 0.1	6.3/10.1	26599
2006 PJ	2007 11 06.0	02 42.80 +05 20.5 20.6	-0.74	- 5.0	3.0/03.3	26771
2001 TY ₂₂	2007 11 06.0	02 42.80 +32 01.5 20.4	-1.08	+ 0.3	4.4/09.5	26601
2003 SZ ₁₀	2007 11 06.0	02 42.87 +10 13.9 20.1	-0.98	- 5.6	2.1/04.7	26666
2004 CH ₃₂	2007 11 06.0	02 42.90 +29 38.6 21.8	-0.88	- 4.3	3.8/09.8	08896
2002 LF ₃₆	2007 11 06.0	02 42.92 -07 29.2 20.6	-0.92	- 2.3	7.7/31.8	00279
2003 SS ₈₈	2007 11 06.0	02 43.00 +13 32.7 20.0	-1.06	- 3.0	0.9/05.6	26668
2003 UO ₂₇₉	2007 11 06.1	02 42.92 +07 36.5 18.7	-0.99	- 2.2	3.9/04.3	26688
2001 RO ₁₅	2007 11 06.1	02 42.92 +55 51.4 18.6	-1.21	- 3.4	13.6/19.8	26596
1995 SX ₃₉	2007 11 06.1	02 42.92 +18 51.4 20.2	-0.84	- 2.9	0.9/06.8	26549
2002 AE ₉₂	2007 11 06.1	02 42.94 +12 43.5 20.1	-0.98	- 7.3	1.1/05.3	26607
1999 XE ₁₅₅	2007 11 06.1	02 42.97 +20 40.0 18.3	-0.81	- 9.1	2.3/07.6	26564
2003 SV ₂₁₀	2007 11 06.1	02 43.00 +14 35.4 19.3	-0.99	- 7.6	0.5/05.8	26672
2007 TM ₈₁	2007 11 06.1	02 43.01 +06 38.2 18.5	-0.87	- 8.0	4.4/03.5	26538
2005 JA ₁₃₄	2007 11 06.1	02 43.02 +05 43.7 19.5	-0.84	- 3.3	3.5/03.7	26747
2005 EV ₂₈₂	2007 11 06.1	02 43.06 +06 59.2 19.4	-1.07	+ 1.3	3.2/04.5	26739
2000 XV ₃₀	2007 11 06.1	02 43.08 +29 05.7 18.8	-1.13	- 3.7	5.6/09.3	26584
2001 VF ₈₂	2007 11 06.1	02 43.10 +11 13.0 17.9	-0.75	-13.2	1.5/04.6	26604
2000 JK ₄₁	2007 11 06.1	02 43.11 +17 49.9 19.5	-0.97	- 0.1	0.6/06.6	26571
2003 AL ₈₉	2007 11 06.1	02 43.14 +11 09.4 19.7	-0.85	- 1.1	1.3/05.1	61702
2002 RK ₁₄₇	2007 11 06.1	02 43.16 +20 51.3 20.0	-0.94	- 3.1	1.9/07.3	26636
2003 YG ₁₄₅	2007 11 06.1	02 43.22 +37 16.0 19.5	-1.14	- 1.1	7.9/11.0	62465
2002 SE ₁₈	2007 11 06.1	02 43.29 +08 12.1 19.7	-0.83	- 6.2	2.5/04.1	26640
1998 FP ₁₃₈	2007 11 06.1	02 43.29 +13 17.3 20.7	-1.01	- 6.1	0.9/05.5	26552
2000 SK ₉₃	2007 11 06.1	02 43.30 +26 08.9 18.9	-0.99	- 7.0	5.1/09.1	26576
2003 QG ₃₂	2007 11 06.1	02 43.34 +27 49.9 19.2	-1.11	- 3.4	5.3/09.0	77699
2002 LQ ₅₀	2007 11 06.1	02 43.34 +28 59.1 19.0	-0.96	- 8.6	4.6/10.1	26624
2003 OB ₅	2007 11 06.1	02 43.35 +01 33.5 18.5	-0.91	- 4.3	6.7/02.7	26659
2004 FF ₁₄₁	2007 11 06.1	02 43.36 +13 48.2 19.6	-0.79	- 5.1	0.6/05.7	25999

2000 EX ₁₉₈	2007 11 06.1	02 43.38 +17 39.0 19.1	-0.92	- 4.4	0.7/06.6	26569
1997 EK ₁₅	2007 11 06.1	02 43.39 +26 48.6 21.3	-1.06	- 2.5	3.5/08.7	77361
2003 WA ₁₁₁	2007 11 06.1	02 43.39 +16 12.0 19.3	-1.08	- 0.1	0.1/06.3	26693
2005 AN ₇₇	2007 11 06.1	02 43.40 +19 30.7 19.3	-1.12	- 2.7	1.5/07.0	26020
2002 CV ₁₉₂	2007 11 06.1	02 43.40 +19 16.4 19.5	-1.11	- 3.6	1.3/07.0	26611
2000 SS ₂₃₆	2007 11 06.1	02 43.41 +23 11.7 18.5	-1.16	+ 0.7	3.7/07.6	25810
2002 CE ₉₀	2007 11 06.2	02 43.32 +26 20.5 20.2	-1.18	- 3.7	4.3/08.6	29805
2005 AY ₁₉	2007 11 06.2	02 43.35 +23 42.2 19.0	-1.07	- 6.2	3.4/08.2	26017
2005 EK ₁₄₇	2007 11 06.2	02 43.38 +12 46.3 20.6	-0.98	- 4.5	1.2/05.5	26735
2004 DY ₄	2007 11 06.2	02 43.42 +23 51.0 19.9	-0.92	- 0.8	2.2/08.0	11031
2001 CS ₄₁	2007 11 06.2	02 43.45 +12 14.6 18.5	-0.96	- 2.8	1.8/05.4	26587
2004 BQ ₅₉	2007 11 06.2	02 43.48 +10 16.0 20.0	-0.90	- 4.9	1.9/04.8	26705
2001 BQ ₆₄	2007 11 06.2	02 43.49 +03 36.4 19.4	-0.95	- 6.2	4.9/03.0	26586
1999 VE ₆₄	2007 11 06.2	02 43.49 +13 19.4 18.5	-1.02	- 1.9	1.0/05.7	26560
2001 TH ₁₇₈	2007 11 06.2	02 43.54 +10 52.8 20.2	-0.73	- 8.6	1.4/04.8	26602
2003 SL ₁₀₁	2007 11 06.2	02 43.55 +24 09.0 17.9	-0.87	-10.5	3.8/08.8	26669
2003 YX ₁₁	2007 11 06.2	02 43.57 +38 49.3 19.4	-1.10	- 3.5	8.1/12.2	25976
2002 PQ ₁₀₅	2007 11 06.2	02 43.59 +02 11.9 20.0	-0.84	- 6.4	4.4/02.6	26628
2004 BT ₅₁	2007 11 06.2	02 43.60 +31 00.0 17.5	-0.88	- 3.5	7.4/10.2	26705
2001 UC ₈₅	2007 11 06.2	02 43.60 +09 01.0 21.0	-0.74	- 5.3	1.9/04.4	26603
2003 XC ₅	2007 11 06.2	02 43.65 +21 02.9 17.4	-0.71	- 8.4	2.6/07.8	26696
2006 KS ₃₃	2007 11 06.2	02 43.65 +13 53.7 19.7	-0.93	- 5.3	0.7/05.8	26768
2002 QX ₆₄	2007 11 06.2	02 43.79 +13 42.9 19.4	-0.94	- 2.9	0.8/05.8	26632
2000 GU ₁₆₀	2007 11 06.3	02 43.72 +11 17.2 21.5	-0.86	- 1.4	1.2/05.3	26571
2002 QB ₁₈	2007 11 06.3	02 43.73 +06 33.7 19.7	-0.86	- 4.9	3.3/03.9	26630
2002 GK ₁₄₂	2007 11 06.3	02 43.82 +11 04.4 19.1	-1.01	- 5.4	1.9/05.1	26619
2004 CA ₁₁₀	2007 11 06.3	02 43.85 +21 25.0 19.6	-0.80	- 6.2	1.6/07.9	26709
2001 TP ₂₅₆	2007 11 06.3	02 43.89 +17 17.5 19.2	-0.88	- 1.3	0.4/06.7	26602
2004 ED ₁₆	2007 11 06.3	02 43.89 +29 25.9 19.3	-0.97	- 2.1	4.5/09.5	22771
1999 VQ ₁₈₂	2007 11 06.3	02 43.91 +12 56.0 18.6	-0.95	- 0.9	1.4/05.7	26562
2004 BE ₇₈	2007 11 06.3	02 43.94 +11 14.4 19.8	-0.87	- 3.3	1.6/05.2	26706
2002 KA ₁₀	2007 11 06.3	02 43.96 +13 41.4 20.4	-1.03	- 2.6	0.7/05.9	25854
2006 JR ₄₅	2007 11 06.3	02 43.99 +17 10.5 19.8	-0.80	- 6.3	0.4/06.7	26766
2000 AK ₉₃	2007 11 06.3	02 43.99 -44 00.9 18.0	-0.94	+12.5	29.7/22.5	26566
2001 DT ₄₂	2007 11 06.3	02 44.01 +10 20.5 18.2	-0.90	- 4.1	2.7/05.0	26587
1999 XN ₂₂₁	2007 11 06.3	02 44.04 +31 30.0 19.0	-1.04	- 7.0	6.1/10.6	26564
2002 TL ₄	2007 11 06.3	02 44.05 +10 13.4 19.2	-0.88	- 3.8	2.0/05.0	26641
2005 GF ₅	2007 11 06.3	02 44.06 +16 13.0 20.8	-1.06	- 0.7	0.1/06.4	77039
2003 SG ₂₁₆	2007 11 06.3	02 44.08 +17 11.4 19.4	-1.00	- 3.7	0.6/06.7	26672
2003 YD ₁₁₂	2007 11 06.3	02 44.08 +20 13.9 18.3	-1.03	- 0.1	2.1/07.3	25981
2002 GS ₁₇₉	2007 11 06.3	02 44.09 +05 21.0 21.5	-1.07	- 1.0	3.7/04.3	97597
2006 HW ₈₂	2007 11 06.3	02 44.10 +15 34.6 20.3	-1.03	- 6.6	0.1/06.3	26162
2001 HT ₂₆	2007 11 06.3	02 44.10 +12 52.8 20.1	-0.98	- 3.0	1.1/05.7	26591
2002 PX ₁	2007 11 06.3	02 44.10 -02 38.5 18.6	-0.87	- 1.8	7.7/02.2	26627
2001 GK ₇	2007 11 06.3	02 44.10 +03 32.8 19.4	-0.98	+ 0.1	4.0/04.0	26590
2004 CD ₂₀	2007 11 06.3	02 44.14 -03 47.2 20.8	-0.81	- 2.6	6.2/01.6	14077
2005 EF ₃₀₇	2007 11 06.3	02 44.15 -04 28.8 19.6	-0.82	- 6.5	7.6/31.7	14152
2002 QW ₈₆	2007 11 06.3	02 44.16 +08 48.7 20.2	-0.86	- 5.7	2.5/04.6	25867
2001 DO ₂₅	2007 11 06.3	02 44.18 +10 10.7 20.2	-0.94	- 3.9	1.9/05.0	26587
2001 DZ ₃₃	2007 11 06.3	02 44.19 +21 59.6 20.0	-1.04	- 2.7	2.0/07.8	77511
2002 FF ₃₄	2007 11 06.3	02 44.20 +10 09.1 21.1	-1.04	- 3.0	2.0/05.1	00223

2001 OP ₇	2007 11 06.4	02 44.13 +22 22.9 18.9	-0.85 - 5.6	2.1/08.2	26592
2003 QC ₈₄	2007 11 06.4	02 44.15 +20 05.9 18.6	-0.97 - 4.3	2.0/07.4	26664
2002 TM ₁₀	2007 11 06.4	02 44.21 +31 52.9 18.8	-1.15 + 1.4	6.6/09.4	26641
2002 LA ₅₃	2007 11 06.4	02 44.22 +19 58.9 20.8	-0.97 - 7.5	1.4/07.5	00282
2003 YR ₅₂	2007 11 06.4	02 44.26 +21 41.4 19.1	-0.91 - 6.6	2.4/08.0	25978
2004 BD ₁₁₂	2007 11 06.4	02 44.33 +10 00.3 19.9	-0.85 - 3.9	2.1/05.0	26707
2005 GH ₃₀	2007 11 06.4	02 44.34 +11 42.8 19.9	-0.91 - 2.8	1.4/05.5	26741
2001 TR ₁₅₃	2007 11 06.4	02 44.39 +24 41.0 19.3	-0.82 - 6.0	2.7/08.9	26601
2004 CJ ₂	2007 11 06.4	02 44.39 +00 02.3 20.6	-0.85 - 0.8	4.3/02.9	22769
2007 RM ₁₄₂	2007 11 06.4	02 44.42 +21 45.9 18.6	-1.19 - 1.9	2.7/07.7	26440
2005 EA ₁₉₀	2007 11 06.4	02 44.49 +26 38.5 20.4	-1.09 - 4.7	4.4/09.1	86661
2000 SX ₈₆	2007 11 06.4	02 44.50 +13 51.7 17.9	-1.17 + 0.5	1.0/06.1	25807
2000 SD ₃₆₂	2007 11 06.4	02 44.51 +06 48.1 18.6	-1.02 - 2.9	4.3/04.4	26579
2005 AV ₄	2007 11 06.4	02 44.59 +16 03.7 18.9	-1.07 - 2.3	0.1/06.5	26720
2000 OX ₅₁	2007 11 06.4	02 44.60 +14 54.8 18.8	-1.05 - 9.8	0.5/06.2	26572
2005 EF ₂₁₈	2007 11 06.4	02 44.61 +27 44.0 18.9	-1.22 + 1.2	4.5/08.6	26738
2002 TO ₂₀₉	2007 11 06.5	02 44.53 +23 43.1 19.8	-1.05 - 0.3	3.1/08.1	50688
2003 XX ₁₀	2007 11 06.5	02 44.53 +36 09.0 17.9	-2.01 +15.9	9.7/06.8	26697
2002 GG ₃₅	2007 11 06.5	02 44.55 +12 11.1 20.7	-1.00 - 4.3	1.3/05.6	26617
2005 EL ₁₇₈	2007 11 06.5	02 44.61 +23 33.0 19.4	-1.07 - 4.9	3.3/08.4	26736
2005 CB ₂₈	2007 11 06.5	02 44.67 +02 17.8 20.0	-0.97 - 4.2	5.2/03.2	04314
2005 EX ₂₃₉	2007 11 06.5	02 44.67 +20 10.8 21.2	-1.03 - 3.1	1.5/07.5	76984
2004 CW ₈₉	2007 11 06.5	02 44.68 +13 41.3 19.9	-0.84 - 4.0	0.7/06.0	26709
2005 GM ₁₂₈	2007 11 06.5	02 44.69 +09 57.9 20.1	-0.96 - 3.6	2.0/05.1	26744
2002 AH ₂₁	2007 11 06.5	02 44.72 +05 58.5 20.4	-1.10 - 2.4	3.8/04.4	26606
2005 EO ₂₀	2007 11 06.5	02 44.72 +08 39.3 19.6	-0.98 - 4.8	3.1/04.8	26028
2004 FW ₃₇	2007 11 06.5	02 44.73 +19 06.2 19.2	-0.83 - 5.2	1.0/07.4	26712
2004 FD ₈₅	2007 11 06.5	02 44.76 +04 30.9 19.5	-0.78 - 3.2	3.2/03.7	26712
2002 RJ ₅₃	2007 11 06.5	02 44.80 +06 05.7 19.2	-0.87 - 3.6	3.7/04.2	26635
2003 QA ₁₄	2007 11 06.5	02 44.81 +38 12.7 19.8	-1.05 - 6.3	10.5/13.4	97662
2005 GM ₁₀₈	2007 11 06.5	02 44.82 +14 04.0 20.4	-0.89 - 2.9	0.7/06.1	26743
2003 SJ ₂₃₀	2007 11 06.5	02 44.86 +03 04.5 19.3	-0.98 - 4.1	5.2/03.6	26673
2003 UD ₂₈₂	2007 11 06.5	02 44.87 +08 20.0 19.1	-0.93 - 3.9	3.2/04.8	26688
2002 RE ₁₆₇	2007 11 06.5	02 44.90 +21 50.2 18.4	-0.95 - 3.3	2.4/08.0	26637
2003 SK ₃₁₈	2007 11 06.5	02 44.97 +18 05.5 20.6	-1.04 - 5.5	0.8/07.1	26675
2002 TZ ₃₀₉	2007 11 06.5	02 44.98 +12 34.4 19.5	-1.03 + 1.5	1.3/06.0	25888
2000 GB ₄₀	2007 11 06.5	02 44.99 +20 08.8 20.4	-0.95 - 2.4	1.3/07.5	26570
2001 RT ₂	2007 11 06.5	02 45.02 +55 30.5 18.6	-1.50 + 3.8	14.9/15.6	22686
2005 AX ₂₆	2007 11 06.6	02 44.92 +16 49.5 20.1	-1.02 - 6.1	0.3/06.8	26722
2006 HW ₁₅₁	2007 11 06.6	02 44.93 +14 25.5 20.9	-1.03 - 5.3	0.5/06.2	09561
1998 FT ₄₇	2007 11 06.6	02 44.96 +18 28.5 19.7	-1.04 - 5.1	0.9/07.2	26552
2002 CH ₁₀₁	2007 11 06.6	02 44.99 +01 27.6 18.8	-1.00 - 4.3	6.3/03.1	26610
2002 SD ₄₀	2007 11 06.6	02 45.04 +09 35.9 19.7	-0.91 - 3.4	2.1/05.2	26640
2003 SS ₅₁	2007 11 06.6	02 45.04 +13 37.2 18.9	-1.05 - 1.0	1.1/06.2	25922
2005 LY ₄₅	2007 11 06.6	02 45.07 -14 02.0 19.7	-0.80 - 0.4	8.2/30.5	26748
2006 DH ₅₉	2007 11 06.6	02 45.09 +12 30.1 20.5	-1.09 - 6.1	1.4/05.8	09520
2003 AC ₂₆	2007 11 06.6	02 45.11 +29 53.3 19.3	-0.88 - 4.3	4.4/10.3	26656
2001 AB ₆	2007 11 06.6	02 45.12 +17 28.6 18.7	-0.97 - 4.7	0.7/07.0	26585
2002 CQ ₂₀	2007 11 06.6	02 45.12 +06 24.1 20.6	-0.99 - 7.3	3.8/04.1	26608
2004 CW ₁₀₀	2007 11 06.6	02 45.15 +35 38.7 20.7	-1.00 - 1.3	5.2/11.2	16262
2000 CH ₉	2007 11 06.6	02 45.16 +19 24.0 19.0	-0.99 - 4.7	1.4/07.5	26567

2001 TX ₁₁₇	2007 11 06.6	02 45.17 +43 55.4 18.4	-0.99 - 3.8	10.0/14.9	23822
2001 HZ ₃₃	2007 11 06.6	02 45.19 +17 10.9 19.6	-1.04 - 1.1	0.4/06.9	26591
2003 QB ₄₄	2007 11 06.6	02 45.20 +19 07.0 19.3	-1.03 - 5.0	1.3/07.4	26662
2001 TB ₁₆₅	2007 11 06.6	02 45.22 +25 52.2 20.8	-0.91 - 2.0	2.8/09.0	04176
2005 BU ₂₁	2007 11 06.6	02 45.24 +05 08.3 19.4	-0.97 - 4.2	4.7/04.1	26724
2002 PP ₉₈	2007 11 06.6	02 45.25 +28 15.1 18.8	-1.10 - 1.5	4.2/09.4	26628
2000 WC ₁₃₄	2007 11 06.6	02 45.28 +26 12.2 17.6	-1.02 - 2.6	5.2/09.0	26583
2004 BV ₁₀₅	2007 11 06.6	02 45.35 -06 37.5 20.6	-0.75 - 2.0	5.5/01.2	87610
2003 WB ₁₆₅	2007 11 06.6	02 45.36 +16 54.9 18.9	-0.94 - 5.6	0.4/06.9	26696
2001 CE ₂₅	2007 11 06.6	02 45.37 +10 53.7 18.7	-0.98 - 3.5	1.9/05.5	26587
2002 XE ₄₇	2007 11 06.6	02 45.37 -19 34.1 18.2	-0.84 + 1.0	13.0/28.9	26653
2006 KT ₁₁₂	2007 11 06.6	02 45.38 -11 08.9 21.3	-0.88 - 2.5	9.1/31.3	01840
1999 VV ₁₃₀	2007 11 06.6	02 45.39 +16 47.1 19.1	-1.03 - 2.4	0.3/06.9	26561
2001 SM ₈₉	2007 11 06.6	02 45.39 +29 57.7 19.8	-0.94 - 2.9	4.5/10.2	65005
2005 EW ₁₃₅	2007 11 06.7	02 45.30 +10 53.6 20.1	-0.92 - 3.8	1.7/05.5	26734
2002 CH ₃₇	2007 11 06.7	02 45.33 +08 37.6 19.9	-1.04 - 4.9	3.1/05.0	26609
2005 GB ₁₃₆	2007 11 06.7	02 45.38 +04 55.9 20.9	-0.87 - 2.2	3.4/04.2	77144
2000 EH ₂₂	2007 11 06.7	02 45.39 +08 09.6 20.7	-0.85 - 4.3	2.4/04.8	26569
2005 EO ₂₈₈	2007 11 06.7	02 45.40 -07 08.2 20.5	-0.92 - 2.3	8.0/01.1	14152
2006 JU ₄	2007 11 06.7	02 45.44 +11 58.4 20.6	-1.00 - 5.0	1.5/05.8	26764
2002 YM ₉	2007 11 06.7	02 45.45 +17 13.5 17.4	-0.75 - 4.9	0.6/07.1	25903
2003 UH ₁₈₀	2007 11 06.7	02 45.51 +08 04.7 19.5	-0.97 - 2.6	3.3/05.0	26684
2002 PU ₁₈₂	2007 11 06.7	02 45.56 -05 29.7 19.9	-0.82 - 2.8	9.1/01.3	22407
2006 KD ₁₁₆	2007 11 06.7	02 45.59 +10 58.6 19.6	-1.01 - 4.2	2.2/05.6	26770
2002 TP ₁₅₇	2007 11 06.7	02 45.60 +14 33.5 18.7	-1.28 + 5.1	0.5/06.6	25886
2006 HF	2007 11 06.7	02 45.61 +14 41.2 20.2	-1.03 - 6.1	0.5/06.4	26759
2003 TT ₂₉	2007 11 06.7	02 45.67 +19 10.1 19.6	-1.09 - 2.2	1.2/07.4	26677
2001 UW ₂₀₇	2007 11 06.7	02 45.69 +21 24.9 19.9	-0.93 - 0.4	1.5/07.9	26603
2001 QS ₁₅₂	2007 11 06.7	02 45.69 +39 08.1 19.1	-1.08 - 0.5	7.9/12.2	06084
2006 QP ₃₀	2007 11 06.7	02 45.69 +46 37.1 20.4	-1.14 - 1.1	7.9/14.9	09650
2001 SB ₁₇	2007 11 06.7	02 45.70 +31 49.3 18.9	-1.05 + 0.5	5.6/10.0	26597
2002 FF	2007 11 06.7	02 45.72 +16 53.7 22.3	-1.06 - 2.8	0.3/07.0	31986
2004 ER ₁₀₇	2007 11 06.7	02 45.74 +13 57.8 21.3	-0.78 - 3.8	0.6/06.3	08971
2003 QE ₉₉	2007 11 06.7	02 45.77 +16 34.7 20.0	-1.12 - 2.5	0.2/06.9	26664
2005 GZ ₁₁₁	2007 11 06.7	02 45.78 +25 53.1 20.6	-0.93 - 2.2	2.9/09.1	03691
2007 TU ₁₄	2007 11 06.8	02 45.71 +17 11.1 19.0	-1.10 - 3.1	0.5/07.1	26524
2002 NM ₁₁	2007 11 06.8	02 45.72 +08 33.4 20.3	-0.95 - 3.6	2.6/05.1	10879
2005 JS ₁₆₃	2007 11 06.8	02 45.78 +01 39.9 20.3	-0.83 - 1.7	4.3/03.5	77258
2005 GC ₆₇	2007 11 06.8	02 45.78 +17 04.6 20.2	-0.89 - 3.3	0.4/07.1	26743
1999 XU ₁₄₀	2007 11 06.8	02 45.81 +22 21.8 19.5	-0.95 - 5.8	2.8/08.5	26564
2000 WF ₁₂₇	2007 11 06.8	02 45.83 +13 45.8 19.5	-1.07 - 2.8	1.0/06.3	26583
2004 BG ₁₄	2007 11 06.8	02 45.86 +00 25.2 19.4	-0.81 - 1.2	4.2/03.3	74307
2004 BT ₁₄₇	2007 11 06.8	02 45.86 +16 34.6 18.2	-0.91 - 1.8	0.3/07.0	26707
2003 ST ₂₄₅	2007 11 06.8	02 45.87 +11 47.2 20.1	-1.00 - 6.2	1.6/05.8	26673
2005 GS ₁₃₀	2007 11 06.8	02 45.88 -10 28.7 20.5	-0.73 - 5.5	7.0/30.2	09198
2003 QO ₄₅	2007 11 06.8	02 45.93 +19 51.5 19.7	-1.02 - 4.4	1.8/07.8	53751
2003 YM ₁₃₈	2007 11 06.8	02 45.93 +50 07.9 20.3	-1.24 - 3.6	11.8/17.0	03592
2006 PA ₁₉	2007 11 06.8	02 45.93 -01 32.5 20.2	-0.76 - 3.6	5.2/02.4	22821
2003 QC ₇₅	2007 11 06.8	02 45.95 +28 12.7 19.5	-1.13 - 4.9	4.8/09.9	26664
2002 XA ₅	2007 11 06.8	02 45.95 -12 14.2 19.3	-1.51 + 6.2	14.0/03.1	02141
2004 EE ₅₈	2007 11 06.8	02 45.95 +25 07.2 20.3	-0.93 - 1.6	2.8/08.9	87620

2002 YV ₄	2007 11 06.8	02 46.01 +55 27.2 19.2	-1.83	- 3.5	17.9/18.9	02142
2005 GX ₁₃₈	2007 11 06.8	02 46.03 +22 42.4 20.0	-0.93	- 1.2	2.0/08.3	04329
2002 TE ₂₃₁	2007 11 06.8	02 46.03 +07 38.6 18.1	-0.99	+ 1.0	3.4/05.3	26645
2004 CM ₁₁₆	2007 11 06.8	02 46.07 +18 55.8 20.0	-0.85	- 3.1	0.8/07.6	26709
2003 AT ₉	2007 11 06.8	02 46.08 +17 36.4 19.1	-0.85	- 3.9	0.6/07.3	26655
2003 SX ₁₃	2007 11 06.8	02 46.09 +06 21.1 19.6	-0.94	- 5.1	4.2/04.5	25920
2000 AU ₄₂	2007 11 06.8	02 46.10 +51 25.0 18.6	-1.54	- 5.4	16.3/17.7	10721
2005 CT ₇₈	2007 11 06.8	02 46.13 +19 14.2 19.2	-1.01	- 5.1	1.5/07.7	26729
2000 SF ₁₀₆	2007 11 06.8	02 46.14 +14 39.2 18.9	-0.98	- 6.2	0.7/06.5	26577
2005 EX ₁₉₇	2007 11 06.8	02 46.16 +12 27.9 19.4	-0.87	- 6.2	1.2/06.0	26737
2001 TQ ₈₁	2007 11 06.8	02 46.17 +22 43.0 19.0	-0.83	- 4.6	2.3/08.6	26601
2005 GD ₂₁₃	2007 11 06.9	02 46.17 +15 59.5 20.6	-0.94	- 1.1	0.0/06.9	95675
2004 FJ ₇₀	2007 11 06.9	02 46.17 +15 05.5 19.8	-0.83	- 3.9	0.3/06.7	26712
2005 GU ₁₇₈	2007 11 06.9	02 46.20 +47 17.8 21.3	-1.08	- 2.8	7.5/15.9	11096
2003 WH ₁₃₂	2007 11 06.9	02 46.21 +12 21.6 18.7	-1.02	- 2.2	1.5/06.1	26694
2004 BL ₂₃	2007 11 06.9	02 46.25 +17 47.3 20.4	-0.88	- 3.8	0.5/07.4	26704
2002 SQ ₁₄	2007 11 06.9	02 46.26 +04 41.6 19.5	-0.84	- 4.4	3.5/04.1	26639
2002 PD ₁₁₇	2007 11 06.9	02 46.27 +26 44.6 18.8	-0.99	- 4.6	3.8/09.7	26629
2003 WM ₁₂₃	2007 11 06.9	02 46.28 +22 24.8 18.5	-0.91	- 5.3	2.9/08.6	25968
1999 LF ₂	2007 11 06.9	02 46.28 -13 00.2 21.0	-0.79	- 0.3	6.5/31.2	87351
2002 GT ₉₂	2007 11 06.9	02 46.30 +19 55.9 20.0	-1.06	- 4.8	1.4/07.9	26618
2001 EU ₃	2007 11 06.9	02 46.52 +10 13.3 19.3	-0.99	- 4.3	2.3/05.6	26588
2006 HL ₁₇	2007 11 06.9	02 46.55 +15 55.7 19.5	-1.08	- 6.5	0.1/07.0	26154
2005 EQ ₈₄	2007 11 06.9	02 46.57 +15 49.0 20.1	-1.04	- 3.0	0.1/06.9	26733
1999 TK ₂₂₇	2007 11 06.9	02 46.57 +28 09.1 19.0	-1.09	- 2.2	5.2/09.7	26559
2002 CH ₁₂	2007 11 06.9	02 46.58 +04 22.8 17.9	-0.95	- 4.1	6.0/04.2	26608
2003 YD ₁₄₁	2007 11 06.9	02 46.59 +11 28.2 18.6	-1.05	+ 0.4	1.6/06.1	26702
2006 KB ₆₅	2007 11 07.0	02 46.50 +13 53.8 20.5	-0.83	- 3.6	0.6/06.5	26769
2006 HK ₃₁	2007 11 07.0	02 46.55 +14 14.0 19.8	-1.07	- 6.9	0.7/06.6	26761
2002 EK ₄₃	2007 11 07.0	02 46.57 +19 46.7 20.4	-1.08	- 4.8	1.3/07.9	72551
2005 GN ₁₁₆	2007 11 07.0	02 46.61 +13 27.4 19.8	-0.80	- 6.8	0.8/06.3	26744
2001 DD ₁₀₇	2007 11 07.0	02 46.62 +03 29.7 19.6	-0.94	- 4.1	5.7/03.9	26588
2003 QB ₅₈	2007 11 07.0	02 46.63 +13 09.8 19.6	-1.03	- 3.8	1.3/06.4	10980
2007 TO ₇₂	2007 11 07.0	02 46.66 +15 39.3 19.5	-1.07	- 7.6	0.2/06.9	26536
2003 WL ₁₂₉	2007 11 07.0	02 46.67 +13 23.0 19.4	-0.97	- 4.2	1.0/06.4	26694
2002 CT ₁₆₄	2007 11 07.0	02 46.70 +10 44.1 19.4	-1.09	- 2.5	2.0/05.9	00171
2003 UY ₁₅₁	2007 11 07.0	02 46.74 +11 07.5 18.9	-0.96	- 3.8	1.9/05.9	26683
2006 HM ₁₁₁	2007 11 07.0	02 46.74 +23 01.5 20.6	-1.03	- 3.9	2.3/08.7	26764
2004 QL ₂₂	2007 11 07.0	02 46.77 +16 10.3 17.9	-1.08	-19.4	0.0/07.1	26714
2005 EL ₂₂₃	2007 11 07.0	02 46.78 +07 50.8 19.7	-0.94	- 4.0	3.1/05.1	26738
2002 JC ₂₃	2007 11 07.0	02 46.79 +13 01.3 21.5	-1.03	- 3.6	1.0/06.4	26621
2004 EY ₆	2007 11 07.0	02 46.84 +05 34.5 21.6	-0.74	- 4.9	2.8/04.3	62000
2003 YD ₁₄₇	2007 11 07.0	02 46.86 +35 07.4 20.2	-1.08	- 3.2	5.9/11.7	11015
2002 CK ₄	2007 11 07.0	02 46.87 +33 32.0 19.8	-1.22	- 4.4	6.3/11.4	02069
2001 FS ₉₅	2007 11 07.0	02 46.90 +07 41.5 21.1	-0.89	- 3.3	2.5/05.1	07908
2003 WJ ₆	2007 11 07.0	02 46.90 +22 55.0 19.6	-1.06	- 3.1	2.5/08.6	26689
2007 TP ₁₄₆	2007 11 07.0	02 46.91 +18 34.9 18.4	-1.08	- 2.4	1.2/07.6	26543
2005 LJ ₃₈	2007 11 07.0	02 46.92 +02 11.3 19.9	-0.78	- 2.0	4.0/03.8	26748
2002 OK ₂₀	2007 11 07.0	02 46.98 -02 41.2 20.9	-0.88	- 4.6	6.4/02.5	00299
2005 JT ₁₀₀	2007 11 07.1	02 46.89 +15 07.3 20.3	-0.83	- 2.1	0.3/06.9	26747
2005 BV ₅	2007 11 07.1	02 46.90 +05 07.6 19.1	-1.06	- 0.6	5.2/04.9	26724

2005 EU ₂₁₀	2007 11 07.1	02 46.91 +22 25.1 20.1	-0.95	- 3.9	2.1/08.6	26737
2006 KB ₄₆	2007 11 07.1	02 46.93 +13 36.9 17.7	-0.83	- 7.2	1.1/06.4	26768
2001 QZ ₂₀₅	2007 11 07.1	02 46.94 +11 15.1 19.7	-0.81	- 4.5	1.5/05.9	26594
1995 SW ₈	2007 11 07.1	02 46.95 +23 44.2 21.4	-1.06	- 3.4	2.4/08.9	15572
2003 YS ₈₇	2007 11 07.1	02 46.96 +03 08.6 18.7	-0.93	- 1.6	6.2/04.1	25979
2001 US ₁₂₈	2007 11 07.1	02 46.96 +33 25.4 19.5	-1.17	+ 3.3	6.7/10.2	25839
2003 OV ₁₇	2007 11 07.1	02 46.97 +15 22.1 20.3	-1.10	- 4.1	0.3/07.0	26660
2001 QY ₂₂₄	2007 11 07.1	02 46.97 +07 15.1 21.1	-0.81	- 3.4	2.4/05.0	20921
2003 VJ ₃	2007 11 07.1	02 46.98 +19 14.7 20.1	-0.93	- 7.5	1.1/08.0	26689
2003 UJ ₂₃₄	2007 11 07.1	02 47.03 +17 13.2 18.5	-1.11	+ 0.9	0.5/07.3	25948
2005 GN ₁₇₇	2007 11 07.1	02 47.04 +10 25.4 20.4	-0.75	- 8.0	1.7/05.5	26745
2004 XO ₂	2007 11 07.1	02 47.04 +21 55.9 18.8	-1.23	- 2.1	2.4/08.3	26717
2004 FU ₁₄₅	2007 11 07.1	02 47.08 +20 58.6 20.3	-0.83	- 3.5	1.4/08.3	26713
2003 SE ₈₃	2007 11 07.1	02 47.11 +13 50.4 20.2	-1.02	- 4.8	0.9/06.6	26668
1997 EY ₁₆	2007 11 07.1	02 47.12 +17 14.6 18.5	-0.91	- 7.6	0.5/07.5	26551
2001 TH ₁₄	2007 11 07.1	02 47.12 +19 36.3 19.2	-0.78	- 7.7	1.0/08.2	26601
2002 FP ₁₆	2007 11 07.1	02 47.14 -14 54.8 19.4	-0.95	-10.7	11.3/27.5	31988
2001 HM ₁₇	2007 11 07.1	02 47.14 +14 59.7 20.8	-0.93	- 4.9	0.4/06.9	26590
2005 GW ₁₀₃	2007 11 07.1	02 47.25 -01 55.5 19.8	-0.92	- 1.3	5.7/03.2	77126
2002 ON ₂	2007 11 07.1	02 47.26 +30 04.3 19.4	-0.99	- 6.0	4.5/11.0	26626
2002 RA ₁₈₀	2007 11 07.1	02 47.27 +09 18.5 21.2	-0.86	- 5.3	2.4/05.5	25874
2001 QY ₁₈₆	2007 11 07.1	02 47.32 +32 21.8 18.3	-0.85	- 9.0	5.6/12.3	25827
2002 QB ₅₆	2007 11 07.1	02 47.34 +30 01.5 18.7	-1.01	- 3.9	5.3/11.0	26631
2005 CE ₁₉	2007 11 07.1	02 47.34 +17 48.1 20.7	-1.02	- 4.9	0.6/07.6	76650
1999 VP ₂₀₀	2007 11 07.1	02 47.34 -12 18.8 18.3	-0.90	- 1.7	11.6/31.2	26562
2006 JT ₅₄	2007 11 07.1	02 47.39 +15 34.9 20.4	-1.00	- 5.9	0.2/07.1	26766
2005 GJ ₃₈	2007 11 07.2	02 47.31 +27 14.5 20.3	-1.03	- 1.9	3.5/09.7	26742
2006 HO ₁₁₃	2007 11 07.2	02 47.33 -00 48.0 20.7	-1.06	+ 1.6	6.0/04.4	04375
2005 EG ₁₀₇	2007 11 07.2	02 47.33 +08 15.1 21.2	-0.81	- 5.6	2.1/05.1	03671
2002 RT ₂₂₆	2007 11 07.2	02 47.34 +09 33.4 19.3	-0.86	- 5.6	2.3/05.5	25876
2006 KZ ₆₄	2007 11 07.2	02 47.36 +08 45.1 21.2	-0.97	- 4.8	2.6/05.5	26769
2003 OD ₉	2007 11 07.2	02 47.37 -21 40.3 20.3	-0.98	- 3.4	13.6/28.5	00455
2004 YM ₂₆	2007 11 07.2	02 47.38 +12 32.5 21.0	-1.01	- 4.4	1.3/06.4	26720
2001 SH ₂₀₁	2007 11 07.2	02 47.39 +22 38.2 19.4	-0.95	- 1.0	2.0/08.6	26599
2001 TL ₂₉	2007 11 07.2	02 47.39 +14 42.2 19.0	-0.78	- 4.3	0.4/06.9	26601
2003 WB ₅₅	2007 11 07.2	02 47.40 +26 29.9 19.0	-1.00	- 5.1	4.0/09.9	26691
2005 GR ₄₈	2007 11 07.2	02 47.41 +12 20.0 19.6	-0.85	- 4.1	1.3/06.3	26045
2003 YA ₄₇	2007 11 07.2	02 47.46 +16 13.2 19.0	-0.92	- 5.1	0.0/07.3	26699
2007 TP ₇₄	2007 11 07.2	02 47.47 +15 39.9 19.4	-1.08	- 6.3	0.2/07.1	26537
2001 QZ ₁₀₈	2007 11 07.2	02 47.48 +34 45.0 18.2	-1.16	+ 2.0	6.9/11.0	26593
2004 BC ₃₅	2007 11 07.2	02 47.52 +01 51.3 20.7	-0.83	- 2.4	4.4/03.9	00701
2005 EW ₂₀₉	2007 11 07.2	02 47.55 +15 04.5 20.3	-0.93	- 5.3	0.4/07.0	26737
2005 ET ₁₀₀	2007 11 07.2	02 47.59 +15 29.7 19.1	-1.14	+ 0.7	0.3/07.1	76870
2003 WU ₁₁₅	2007 11 07.2	02 47.61 +22 22.0 19.2	-0.98	- 4.1	2.8/08.7	26694
2003 YG ₅₀	2007 11 07.2	02 47.64 +30 02.8 19.4	-0.98	- 6.8	4.9/11.0	26699
2005 AN ₄₃	2007 11 07.2	02 47.65 +14 25.7 20.1	-1.07	- 4.8	0.7/06.9	26019
2003 WB ₁₁₈	2007 11 07.2	02 47.69 +26 32.6 18.1	-0.98	- 6.6	4.3/10.1	25967
1999 VL ₂₁₄	2007 11 07.2	02 47.72 +13 42.4 20.9	-0.95	- 5.7	0.9/06.7	26562
2005 EW ₁₅₈	2007 11 07.3	02 47.72 +09 42.5 19.7	-0.89	- 6.4	2.9/05.6	26735
2005 LK ₉	2007 11 07.3	02 47.75 +00 33.2 20.6	-0.89	- 0.1	4.7/04.1	89672
2002 RM ₄₆	2007 11 07.3	02 47.79 +27 03.7 18.9	-1.07	- 0.1	4.4/09.5	26635

2006 OE ₂₀	2007 11 07.3	02 47.87 +19 15.1 19.8	-0.92 - 1.1	0.9/08.0	26771
2000 YY ₁₃₅	2007 11 07.3	02 47.92 +23 38.5 18.7	-1.09 - 0.1	3.7/08.8	26585
1999 VC ₁₀₇	2007 11 07.3	02 47.93 +16 13.5 19.8	-0.86 - 7.1	0.0/07.4	26561
2002 CP ₁₂₆	2007 11 07.3	02 47.94 +22 28.7 19.6	-1.12 - 4.4	2.4/08.8	26610
2002 GC ₃₇	2007 11 07.3	02 47.96 +18 29.4 20.4	-1.12 - 2.3	0.8/07.8	33979
2001 FG ₇₅	2007 11 07.3	02 47.97 +43 41.5 20.2	-1.51 + 2.5	8.8/12.4	74944
2005 ET ₆₃	2007 11 07.3	02 47.98 +11 10.7 20.7	-1.00 - 5.2	2.0/06.1	26732
2006 HL ₈₃	2007 11 07.3	02 48.01 +07 15.0 19.4	-1.03 - 0.6	3.7/05.6	26763
2006 JX ₈	2007 11 07.3	02 48.04 +18 07.9 20.2	-1.14 - 3.0	0.9/07.8	26764
2005 GL ₁₅₉	2007 11 07.3	02 48.04 -01 12.1 18.7	-1.09 + 1.1	7.7/04.0	26744
2002 GQ ₁₄₇	2007 11 07.3	02 48.08 +13 06.5 19.3	-1.13 - 1.5	1.3/06.8	75332
2005 GY ₆₈	2007 11 07.3	02 48.08 +13 26.3 19.8	-0.87 - 5.3	0.9/06.7	26743
1999 JY ₁₁₉	2007 11 07.3	02 48.12 +07 50.5 20.5	-1.04 - 3.5	3.0/05.6	26556
2006 FX ₅₀	2007 11 07.3	02 48.13 -29 57.1 20.0	-1.11 - 3.3	20.2/22.4	11166
2003 YS ₁₃₇	2007 11 07.3	02 48.13 +01 13.8 19.3	-0.90 - 2.1	5.2/04.0	26702
2002 ES ₁₄₇	2007 11 07.4	02 48.16 +07 44.2 20.1	-1.00 - 5.3	3.1/05.4	10867
2003 QZ ₅₄	2007 11 07.4	02 48.16 +10 04.8 19.3	-1.03 - 3.3	2.6/06.1	26663
2002 RV ₂₆₇	2007 11 07.4	02 48.17 +15 38.0 19.0	-0.83 - 8.3	0.2/07.3	26639
2005 CC ₃₈	2007 11 07.4	02 48.32 +16 41.1 20.3	-0.98 - 3.4	0.2/07.6	26727
2002 GE ₃₇	2007 11 07.4	02 48.32 +16 32.9 20.4	-1.07 - 2.6	0.1/07.5	26617
2002 ED ₈₈	2007 11 07.4	02 48.33 +21 07.6 18.9	-1.13 - 2.0	1.9/08.5	26615
1999 XM ₁₄₀	2007 11 07.4	02 48.33 -03 26.4 20.6	-0.85 - 2.2	5.4/02.9	04127
2002 QL ₁₅	2007 11 07.4	02 48.37 -09 14.3 20.3	-0.84 - 4.4	9.3/01.1	13915
2006 FU ₃₂	2007 11 07.4	02 48.37 +11 06.0 20.6	-0.99 - 5.4	1.8/06.2	26757
2005 EH ₇₇	2007 11 07.4	02 48.39 +16 38.1 20.0	-1.00 - 4.8	0.2/07.6	26732
2003 US ₆₄	2007 11 07.4	02 48.40 -09 22.1 18.7	-0.88 - 2.6	11.2/31.8	26680
2002 RQ ₁₇₄	2007 11 07.4	02 48.43 +21 06.6 19.5	-0.90 - 5.8	1.8/08.7	69389
2000 KF ₇	2007 11 07.4	02 48.46 +01 54.5 19.6	-0.83 - 1.4	4.2/04.3	26571
2002 AR ₃₂	2007 11 07.4	02 48.46 +06 54.2 19.2	-1.03 - 5.9	3.7/05.2	25841
2005 GO ₅	2007 11 07.4	02 48.50 +08 29.6 20.4	-0.85 - 4.4	2.6/05.6	26741
2004 XZ ₉₉	2007 11 07.4	02 48.50 +05 04.6 19.0	-1.05 + 0.6	5.7/05.5	26012
2003 EN ₄₇	2007 11 07.4	02 48.50 -01 07.8 17.7	-0.67 -12.3	7.5/01.2	26657
2007 RL ₁₄₂	2007 11 07.4	02 48.51 +19 41.3 18.1	-1.09 - 1.3	1.6/08.2	26439
2002 AT	2007 11 07.4	02 48.52 +24 33.8 19.2	-1.21 - 3.3	3.6/09.3	26606
2005 JE ₁₂	2007 11 07.4	02 48.54 +14 02.3 20.4	-0.86 - 4.8	0.7/06.9	77190
2005 EE ₂₆₆	2007 11 07.4	02 48.57 +21 41.3 19.4	-1.01 - 3.3	2.3/08.7	26739
2002 GQ ₆₆	2007 11 07.4	02 48.57 +13 17.6 19.1	-1.07 - 2.8	1.2/06.9	26618
2004 FY ₅₅	2007 11 07.5	02 48.49 +11 27.3 20.0	-0.80 - 2.3	1.3/06.4	25998
2004 DT ₃₉	2007 11 07.5	02 48.52 -42 39.8 18.1	+0.11 -20.5	41.2/31.0	26710
2001 QX ₈₉	2007 11 07.5	02 48.52 +42 04.3 19.9	-1.02 - 4.0	7.1/14.9	17937
2003 UE ₂₁₂	2007 11 07.5	02 48.54 +12 48.7 20.0	-0.91 - 6.6	1.2/06.6	25947
2004 EM ₉₆	2007 11 07.5	02 48.58 +22 24.4 20.3	-0.84 - 3.4	1.7/09.0	26712
2005 EJ ₁₈₀	2007 11 07.5	02 48.59 +15 27.9 19.1	-0.91 - 5.8	0.3/07.3	26736
2006 JP ₅₈	2007 11 07.5	02 48.72 +19 32.0 19.5	-1.07 + 0.7	1.0/08.2	26766
2005 GX ₁₂	2007 11 07.5	02 48.75 +08 58.5 19.6	-0.88 - 2.8	2.2/05.9	77858
2000 RC ₂₈	2007 11 07.5	02 48.76 +22 39.0 18.6	-1.02 - 8.1	2.9/09.3	26575
2001 SC ₁₁₆	2007 11 07.5	02 48.77 +23 00.9 19.0	-0.87 - 3.5	2.3/09.2	26598
2003 YP ₁₂₃	2007 11 07.5	02 48.78 +26 48.1 18.9	-0.94 - 9.9	4.3/11.0	25982
2003 WD ₈₀	2007 11 07.5	02 48.79 +20 57.4 19.3	-1.02 - 3.0	1.7/08.6	26692
2002 TF ₃₅₉	2007 11 07.5	02 48.82 +20 23.1 20.0	-0.95 - 2.8	1.4/08.5	26647
2005 GL ₃₆	2007 11 07.5	02 48.84 +18 09.4 19.8	-0.96 - 2.7	0.7/08.0	11091

2005 EX ₇₁	2007 11 07.5	02 48.85 +12 47.7 20.0	-1.03 - 3.2	1.4/06.8	26732
2006 MJ ₇	2007 11 07.5	02 48.94 +02 27.4 20.5	-0.81 - 2.9	4.3/04.4	11173
2005 GZ ₅₈	2007 11 07.5	02 48.94 -00 15.3 19.9	-0.90 - 5.9	5.9/03.2	26742
2002 QU ₆₈	2007 11 07.5	02 48.97 +08 53.0 20.2	-0.91 - 4.0	2.6/05.8	26632
1996 GC ₅	2007 11 07.5	02 48.99 +16 09.2 20.5	-1.17 - 2.5	0.0/07.6	99883
2007 SN ₁	2007 11 07.5	02 49.08 +18 22.2 17.6	-1.99 +17.9	1.3/07.6	26500
2005 EO ₂₉	2007 11 07.6	02 48.89 +08 46.1 19.3	-0.89 - 3.4	2.4/05.9	04317
2002 AP ₁₀₇	2007 11 07.6	02 48.89 +07 44.6 19.1	-1.06 - 3.8	3.2/05.7	30616
2000 SD ₂₈₉	2007 11 07.6	02 48.92 +25 28.3 18.4	-0.92 - 3.1	5.1/09.8	25811
2005 GY ₁₇₀	2007 11 07.6	02 48.92 +17 41.4 20.1	-0.88 - 4.7	0.5/08.0	26051
2004 GU ₁	2007 11 07.6	02 48.93 +12 12.6 19.2	-0.78 - 7.7	1.3/06.5	26713
2005 JA ₁₀₂	2007 11 07.6	02 48.93 +07 12.8 21.2	-0.74 - 5.4	2.5/05.2	09247
2000 AB ₁₄₇	2007 11 07.6	02 48.96 +25 01.9 18.5	-0.96 - 4.1	4.0/09.7	26566
2002 JP ₂₀	2007 11 07.6	02 49.01 +06 53.6 20.6	-0.92 - 6.9	3.0/05.2	22703
2001 FH ₉₂	2007 11 07.6	02 49.04 +04 05.8 19.7	-0.93 - 3.8	4.1/04.7	26589
2004 EC ₁₉	2007 11 07.6	02 49.04 -01 30.1 19.5	-0.80 - 0.9	4.8/03.7	65592
2003 QS ₉₉	2007 11 07.6	02 49.06 +06 49.1 19.3	-0.94 - 6.3	4.0/05.3	26664
2002 PX ₁₆₉	2007 11 07.6	02 49.08 -00 15.2 19.0	-0.84 - 4.5	7.0/03.3	25863
2001 KK ₄	2007 11 07.6	02 49.08 +10 12.9 20.8	-0.94 - 1.1	1.8/06.4	13767
2003 UX ₇₀	2007 11 07.6	02 49.15 +18 40.1 19.6	-0.98 - 3.3	1.1/08.2	26680
2002 PZ ₁₈₀	2007 11 07.6	02 49.16 +17 01.0 18.9	-0.97 - 2.5	0.3/07.8	25863
2004 EK ₂₂	2007 11 07.6	02 49.17 +01 17.2 19.8	-0.77 - 6.8	5.2/03.4	87618
2001 QO ₂₀₃	2007 11 07.6	02 49.24 +26 55.3 19.6	-0.89 - 5.1	3.3/10.5	04156
2002 GO ₂	2007 11 07.6	02 49.28 +22 55.0 21.7	-1.05 - 3.2	2.0/09.2	03309
2004 CW ₂₄	2007 11 07.6	02 49.30 +31 18.2 19.7	-0.91 - 4.0	4.5/11.6	26708
1999 LD ₁₅	2007 11 07.6	02 49.32 -17 06.0 21.8	-0.77 - 0.6	7.4/30.5	07774
2002 GF ₈₄	2007 11 07.6	02 49.37 +07 40.1 19.4	-0.99 - 4.0	3.1/05.7	26618
2001 UV ₅₇	2007 11 07.6	02 49.37 +28 13.9 19.7	-1.01 + 0.1	3.4/10.2	26603
2002 CB ₁₄	2007 11 07.6	02 49.38 +07 16.9 19.9	-1.02 - 4.9	3.2/05.6	26608
2005 CS ₄₈	2007 11 07.7	02 49.30 +11 09.3 18.8	-0.99 - 5.1	2.4/06.5	26727
2003 WG ₁₀₄	2007 11 07.7	02 49.31 +09 11.8 18.6	-0.92 + 0.3	3.6/06.3	25966
2004 BY ₄₉	2007 11 07.7	02 49.34 +11 10.9 19.9	-0.87 - 3.5	1.8/06.5	26705
1998 SP ₉₀	2007 11 07.7	02 49.35 +12 22.9 18.8	-0.96 - 3.0	1.6/06.9	26554
2002 CN ₅₇	2007 11 07.7	02 49.41 +10 33.8 20.0	-1.05 - 5.5	2.3/06.4	26609
2006 HM ₆₇	2007 11 07.7	02 49.42 +13 12.8 19.8	-0.91 - 9.0	1.2/06.9	26160
2005 KZ ₁₁	2007 11 07.7	02 49.42 +23 27.0 20.3	-0.78 - 6.5	1.8/09.7	86765
2005 HJ ₁	2007 11 07.7	02 49.43 +13 36.1 19.9	-0.87 - 4.8	0.9/07.1	26745
2000 WD ₁₁₀	2007 11 07.7	02 49.46 +24 05.7 18.2	-1.17 - 2.3	3.7/09.4	25818
2006 HS ₄₆	2007 11 07.7	02 49.46 +07 58.7 20.1	-0.99 - 6.4	3.3/05.7	26761
2003 YB ₃	2007 11 07.7	02 49.47 +22 29.9 19.4	-0.93 - 4.2	2.2/09.2	26698
2003 YN ₂₅	2007 11 07.7	02 49.60 +35 22.9 19.5	-1.02 - 6.1	7.3/13.0	26698
2005 EW ₂₉	2007 11 07.7	02 49.62 +04 12.2 20.8	-0.99 - 3.7	4.7/05.0	26730
2003 SM ₈₇	2007 11 07.7	02 49.65 +13 00.0 19.1	-1.04 - 2.0	1.4/07.1	26668
2004 CU ₁₀₃	2007 11 07.7	02 49.67 +21 22.9 19.9	-0.83 - 4.0	1.4/09.0	26709
2004 FT ₁₁	2007 11 07.7	02 49.70 +18 14.9 19.4	-0.79 - 5.8	0.6/08.3	08973
2003 UH ₂₂₈	2007 11 07.8	02 49.71 +09 07.8 18.7	-0.95 - 3.7	2.9/06.1	26685
2001 RZ ₂₈	2007 11 07.8	02 49.73 +00 43.7 19.6	-0.76 - 5.1	4.7/03.7	26596
2006 JS ₄₅	2007 11 07.8	02 49.74 +01 32.4 20.0	-0.79 - 3.7	4.6/04.2	11171
2006 MK ₃	2007 11 07.8	02 49.74 +06 44.1 20.1	-0.79 - 2.9	2.9/05.6	26770
2005 CU ₄₆	2007 11 07.8	02 49.75 +12 43.8 18.5	-0.91 - 3.6	1.8/07.0	26727
2004 DC ₅₈	2007 11 07.8	02 49.76 +14 41.6 20.6	-0.81 - 3.1	0.4/07.4	26710

2002 QL ₈₀	2007 11 07.8	02 49.77 +08 45.6 20.3	-0.87 - 5.5	2.6/05.9	26632
1999 XP ₁₈₉	2007 11 07.8	02 49.77 +36 05.8 18.9	-1.01 - 7.9	8.0/13.8	93791
2003 YA ₁₁₃	2007 11 07.8	02 49.78 +34 38.7 18.8	-1.03 - 4.7	6.4/12.5	26701
2003 UN ₂₈₂	2007 11 07.8	02 49.86 +06 27.8 18.3	-0.86 - 7.4	4.1/05.2	26688
2002 QA ₁₁₄	2007 11 07.8	02 49.87 +26 36.3 21.0	-0.98 - 5.3	3.3/10.4	19091
2004 BN ₄	2007 11 07.8	02 49.88 +12 34.7 20.0	-0.90 - 3.3	1.3/07.0	26703
2003 UB ₂₇₉	2007 11 07.8	02 49.88 +12 15.0 18.1	-1.17 + 4.2	1.9/07.3	26688
2005 EU ₆₅	2007 11 07.8	02 49.92 +11 51.2 19.6	-1.01 - 5.2	1.9/06.8	26031
2005 EL ₁₈₃	2007 11 07.8	02 49.93 +19 18.9 20.4	-1.05 - 3.7	1.2/08.5	26036
2002 EW ₄₂	2007 11 07.8	02 49.94 +12 04.9 19.9	-0.99 - 6.1	1.5/06.8	26614
2003 QB ₂₂	2007 11 07.8	02 49.94 +15 59.0 20.4	-1.06 - 5.9	0.1/07.8	26661
2003 QR ₄	2007 11 07.8	02 49.97 +21 22.8 20.2	-1.06 - 6.4	1.9/09.1	16256
2004 ER ₆₈	2007 11 07.8	02 49.98 +10 34.7 19.6	-0.81 - 4.9	1.9/06.4	04300
2003 SJ ₄₄	2007 11 07.8	02 49.98 +27 04.4 19.6	-1.11 - 4.2	4.3/10.4	26667
2005 GB ₁₄₇	2007 11 07.8	02 50.01 +19 53.4 20.4	-0.98 - 3.7	1.2/08.7	26744
2003 OT ₁₇	2007 11 07.8	02 50.02 +26 02.8 20.4	-1.20 - 3.9	4.0/10.1	12325
2005 JS ₃₀	2007 11 07.8	02 50.09 +11 52.0 20.0	-0.93 - 4.3	1.6/06.8	26746
2000 WD ₇₆	2007 11 07.8	02 50.10 +19 30.9 18.8	-1.03 - 2.4	1.6/08.6	26583
2006 QU ₁₀₅	2007 11 07.8	02 50.10 -06 58.5 19.8	-0.82 - 6.3	7.1/01.1	22822
2003 SJ ₃₅	2007 11 07.8	02 50.13 +15 24.0 20.0	-1.06 - 2.4	0.5/07.7	25921
2006 KQ ₉₁	2007 11 07.8	02 50.15 +13 53.5 20.1	-0.95 - 7.8	1.0/07.2	26769
2004 YQ ₂₃	2007 11 07.9	02 50.09 +22 34.3 19.6	-1.10 - 4.9	2.5/09.4	26015
2001 TL ₁₇₅	2007 11 07.9	02 50.11 +07 22.7 19.9	-0.75 - 6.8	2.4/05.4	26602
2006 JZ ₆₀	2007 11 07.9	02 50.11 +15 14.7 18.3	-0.98 - 4.7	0.5/07.6	26766
2003 QG ₁₉	2007 11 07.9	02 50.11 +10 12.6 19.4	-1.03 - 3.8	2.5/06.6	26661
2002 QH ₈₈	2007 11 07.9	02 50.13 +17 36.4 19.6	-0.93 - 4.2	0.5/08.2	26632
2005 LT ₄	2007 11 07.9	02 50.17 +02 42.8 20.2	-0.86 - 0.6	4.7/05.1	26748
2003 WA ₁₆₇	2007 11 07.9	02 50.18 +04 06.4 18.9	-0.94 - 2.5	5.1/05.2	26696
2002 RE ₁₁₈	2007 11 07.9	02 50.22 +29 20.2 19.3	-1.10 - 0.9	4.6/11.0	75580
2002 KD ₃	2007 11 07.9	02 50.27 +15 43.5 21.1	-1.02 - 3.9	0.2/07.8	26623
2006 OT ₁₇	2007 11 07.9	02 50.27 +24 37.0 19.6	-0.96 - 0.8	2.7/09.7	26771
2002 RU ₁₇₁	2007 11 07.9	02 50.31 +26 19.3 18.5	-1.01 - 0.9	4.2/10.0	26637
2006 KS ₈₆	2007 11 07.9	02 50.33 +11 39.7 20.2	-1.04 - 3.7	1.7/06.9	26769
2005 EG ₃₂₅	2007 11 07.9	02 50.33 +13 37.4 20.0	-0.96 - 5.2	1.1/07.3	26740
2001 SH ₃₂	2007 11 07.9	02 50.35 +31 18.9 19.4	-1.10 + 2.1	5.6/10.6	84882
2006 PP ₂₀	2007 11 07.9	02 50.36 +00 47.6 21.5	-0.78 - 3.6	4.2/04.2	11179
2001 RL ₂	2007 11 07.9	02 50.39 +30 35.6 18.9	-0.87 - 9.6	4.0/12.4	26595
2001 SF ₂₇₁	2007 11 07.9	02 50.40 +13 09.4 19.2	-0.79 - 4.6	1.0/07.2	26600
2000 SH ₂₇₀	2007 11 07.9	02 50.41 +06 58.6 18.7	-0.92 - 7.1	4.4/05.5	26578
2001 QN ₉₇	2007 11 07.9	02 50.44 -05 34.7 18.4	-0.72 -11.3	7.2/31.7	25825
2004 BA ₅₇	2007 11 07.9	02 50.52 +02 02.2 20.3	-0.76 - 3.4	3.8/04.5	11020
2006 KU ₆₅	2007 11 07.9	02 50.55 +19 22.8 18.8	-0.90 -10.9	1.2/08.9	26769
2005 BB ₁₉	2007 11 07.9	02 50.58 +17 28.0 18.8	-1.13 - 1.4	0.5/08.2	26021
2006 KU ₁₁₄	2007 11 08.0	02 50.50 +39 38.6 20.9	-1.10 - 2.9	6.3/14.0	11172
2003 WM ₈₀	2007 11 08.0	02 50.52 +19 24.6 19.1	-0.98 - 2.6	1.4/08.7	26692
2002 RX ₂₂₀	2007 11 08.0	02 50.53 -03 40.5 20.3	-0.84 - 4.6	6.3/02.9	75614
2002 RE ₁₈₀	2007 11 08.0	02 50.57 +07 51.0 20.2	-0.84 - 5.3	2.6/05.9	10905
2001 SF ₁₀₀	2007 11 08.0	02 50.57 +29 26.7 19.2	-0.94 - 2.1	4.1/11.0	10794
2003 QX ₃₃	2007 11 08.0	02 50.60 +25 51.3 19.3	-1.14 - 5.0	4.0/10.3	53749
2002 AF ₂₀₂	2007 11 08.0	02 50.67 +18 05.3 19.6	-1.06 - 6.2	0.6/08.5	26608
2005 AW ₈₀	2007 11 08.0	02 50.67 +08 53.3 20.7	-0.91 - 3.2	2.2/06.3	11078

2000 YR ₄₉	2007 11 08.0	02 50.69 +18 40.2 19.6	-1.03 - 5.0	1.0/08.6	26584
2005 GY ₅₈	2007 11 08.0	02 50.69 -01 01.9 20.5	-0.87 - 5.9	5.6/03.4	02249
2004 FT ₉₇	2007 11 08.0	02 50.70 +21 24.6 18.8	-1.04 + 1.3	1.7/08.9	25998
2006 GL	2007 11 08.0	02 50.71 +40 20.7 20.2	-2.17 +10.2	12.5/09.7	01561
2002 RK ₈₁	2007 11 08.0	02 50.74 +10 17.6 19.5	-0.87 - 4.7	2.2/06.6	26635
2003 XS ₂	2007 11 08.0	02 50.76 +08 04.7 19.0	-0.87 - 5.9	3.9/05.9	25973
2003 SF ₁₁₉	2007 11 08.0	02 50.78 +31 33.9 19.8	-1.17 - 3.6	5.9/11.6	26669
2002 TZ ₆₂	2007 11 08.0	02 50.78 +14 55.6 19.5	-0.85 - 6.5	0.5/07.7	26642
2002 QW ₉	2007 11 08.0	02 50.79 +03 00.0 19.6	-0.97 - 1.2	4.8/05.4	26630
2004 CM ₈₉	2007 11 08.0	02 50.79 -00 53.7 20.2	-0.82 - 1.8	5.5/04.2	21809
2005 GY ₂₂	2007 11 08.0	02 50.79 +15 49.2 19.1	-1.02 - 0.1	0.2/08.0	26741
2003 SO ₅₂	2007 11 08.0	02 50.89 +20 07.1 19.3	-1.09 - 0.3	1.7/08.8	26667
2003 SL ₂₇₅	2007 11 08.0	02 50.90 +18 48.8 19.7	-1.09 - 2.8	1.0/08.6	26674
2003 US ₃₉	2007 11 08.0	02 50.90 +14 09.1 19.6	-0.93 - 4.6	1.0/07.5	26679
2002 RG ₁₇₈	2007 11 08.0	02 50.93 +14 44.4 19.9	-0.88 - 4.5	0.6/07.7	26637
1999 JR ₇	2007 11 08.0	02 50.96 +02 34.1 20.2	-0.83 - 0.7	3.7/05.1	87350
2002 QQ ₆₇	2007 11 08.0	02 50.98 +22 12.8 19.4	-0.99 - 2.5	2.2/09.4	26632
2003 SF ₁₇₈	2007 11 08.0	02 50.99 +27 21.5 19.3	-1.11 - 3.7	4.1/10.6	26671
1998 QV ₅	2007 11 08.0	02 50.99 +41 56.4 18.9	-1.15 - 2.8	11.4/15.4	26553
2002 GO ₁₇₃	2007 11 08.1	02 50.93 +01 14.2 19.1	-1.03 - 3.6	6.5/04.6	26620
2001 RS ₁₄₅	2007 11 08.1	02 50.93 +04 28.0 20.0	-0.76 - 6.4	3.7/04.9	26597
2005 GB ₁₀₄	2007 11 08.1	02 50.94 +35 21.2 20.2	-1.03 - 3.7	5.7/12.9	11093
2002 XE ₁₀₃	2007 11 08.1	02 50.99 +22 35.4 19.3	-0.84 - 6.1	2.1/09.8	26655
2004 PT ₂₆	2007 11 08.1	02 50.99 -30 25.0 20.1	-1.08 - 2.6	21.1/24.3	95269
2003 SC ₁₁₈	2007 11 08.1	02 51.01 +19 54.6 18.8	-0.95 - 7.6	1.5/09.1	25926
2002 TJ ₃₃₃	2007 11 08.1	02 51.01 +19 03.9 20.8	-0.95 - 2.2	0.8/08.7	26647
1999 CG ₁₃₀	2007 11 08.1	02 51.01 +16 33.3 20.3	-0.89 - 3.0	0.1/08.2	26555
2004 XC ₄₁	2007 11 08.1	02 51.06 +18 57.1 18.3	-1.02 - 5.3	1.3/08.7	26718
1999 XY ₂₃	2007 11 08.1	02 51.06 +18 51.4 17.6	-0.92 - 8.3	1.0/08.8	26563
2006 JC ₃₆	2007 11 08.1	02 51.11 +13 08.7 20.9	-0.96 - 5.2	1.1/07.4	26765
2001 QB ₁₀₀	2007 11 08.1	02 51.15 -02 47.3 18.6	-0.88 + 0.3	7.3/04.5	26593
2006 QR ₁₃	2007 11 08.1	02 51.15 +33 20.9 20.3	-0.96 - 3.8	5.0/12.5	11185
2002 GR ₁₄₀	2007 11 08.1	02 51.17 +17 19.9 20.6	-1.03 - 3.6	0.3/08.4	89278
2005 ET ₁₀₄	2007 11 08.1	02 51.21 +09 31.3 18.8	-0.97 - 4.5	3.3/06.5	87654
2002 ES ₉₆	2007 11 08.1	02 51.26 +11 32.4 20.4	-0.99 - 5.3	1.7/07.0	26615
2006 KK ₃	2007 11 08.1	02 51.28 +10 36.1 20.6	-0.94 - 8.4	2.1/06.6	26767
2000 GG ₄	2007 11 08.1	02 51.29 +27 27.6 18.7	-1.74 +10.5	4.9/08.8	26570
1996 DF ₂	2007 11 08.1	02 51.30 +21 28.1 18.7	-1.14 - 3.3	2.5/09.3	26550
2002 RR ₂₆₇	2007 11 08.1	02 51.32 +14 14.8 18.8	-1.02 + 1.0	0.9/07.8	25878
2005 GP ₁₃₀	2007 11 08.1	02 51.32 -07 18.8 20.8	-0.78 - 1.6	6.1/02.7	77141
2006 PO ₂₁	2007 11 08.1	02 51.32 +46 31.8 20.1	-1.07 - 2.5	8.4/16.7	09605
2000 WS ₄	2007 11 08.1	02 51.33 +24 14.4 18.8	-1.06 - 7.8	3.3/10.3	26582
2006 QK ₇₁	2007 11 08.1	02 51.36 +08 05.4 21.3	-0.76 - 3.6	2.3/06.1	09693
2006 KP ₂₃	2007 11 08.1	02 51.38 +13 19.3 19.9	-1.07 - 3.7	1.2/07.5	26767
2001 BO ₇₅	2007 11 08.1	02 51.38 +11 14.2 19.8	-0.99 - 4.2	1.9/07.0	26586
2002 NS ₄₃	2007 11 08.2	02 51.29 -00 00.2 20.7	-0.90 - 4.7	5.4/04.2	00292
2002 EE ₅₃	2007 11 08.2	02 51.30 +05 27.1 20.1	-1.00 - 7.4	4.7/05.3	26614
2002 QB ₂₁	2007 11 08.2	02 51.34 +09 23.4 19.0	-0.86 - 5.3	2.6/06.4	26630
2003 AB ₃₆	2007 11 08.2	02 51.35 -02 50.6 18.9	-0.84 - 0.8	7.1/04.0	26656
2001 RM ₅₆	2007 11 08.2	02 51.36 +23 31.2 19.8	-0.92 - 2.2	2.3/09.8	23693
1999 TR ₂₃₂	2007 11 08.2	02 51.37 +05 51.8 19.7	-1.15 - 0.5	4.7/06.4	26559

2006 GR ₃₅	2007 11 08.2	02 51.38 +33 05.6 21.2	-1.41 + 0.3	5.6/11.4	01584
2000 QG ₈₁	2007 11 08.2	02 51.40 +05 19.6 18.5	-0.99 - 7.1	4.8/05.3	26573
2001 SC ₃₁₅	2007 11 08.2	02 51.42 +23 58.1 18.6	-0.84 - 6.6	2.4/10.3	26600
2002 PK ₃₃	2007 11 08.2	02 51.42 +09 43.4 19.9	-0.88 - 5.0	2.7/06.6	26627
2002 TW ₁₅	2007 11 08.2	02 51.45 +16 46.1 18.8	-0.89 - 5.1	0.1/08.3	26641
2000 HZ ₆₁	2007 11 08.2	02 51.50 +18 01.9 19.6	-0.98 - 1.5	0.5/08.6	26571
2001 TF ₉₄	2007 11 08.2	02 51.53 +26 21.5 19.2	-0.94 - 1.0	3.3/10.4	26601
2001 UV ₂₂₄	2007 11 08.2	02 51.54 +23 01.2 19.8	-0.95 - 0.1	1.9/09.6	08101
2002 TV ₃₀₄	2007 11 08.2	02 51.58 +14 42.7 20.4	-0.93 - 1.9	0.5/07.9	26646
2001 SD ₄₂	2007 11 08.2	02 51.58 +14 27.8 20.1	-0.82 - 3.7	0.7/07.8	75106
2002 XA ₃₅	2007 11 08.2	02 51.59 +45 40.4 18.8	-1.46 -11.4	12.9/17.8	02141
2003 YK ₁₂₂	2007 11 08.2	02 51.63 +14 24.6 20.3	-0.97 - 2.9	0.7/07.8	11014
2005 GB ₂	2007 11 08.2	02 51.65 -00 00.0 20.2	-0.99 - 0.9	5.6/04.9	77035
2003 YT ₁₅	2007 11 08.2	02 51.68 +12 44.7 17.8	-1.10 + 3.6	1.7/07.7	25976
2005 GX ₁₈₀	2007 11 08.2	02 51.69 +18 08.0 20.3	-0.96 - 1.5	0.5/08.6	26052
2002 RT ₂₀₂	2007 11 08.2	02 51.72 +30 46.7 19.2	-1.04 - 3.5	5.0/11.8	77645
2006 OR ₁₈	2007 11 08.2	02 51.72 +32 56.8 20.4	-1.05 - 3.1	5.2/12.3	11176
2003 SO ₂₂₈	2007 11 08.2	02 51.78 +19 01.6 20.4	-1.07 - 4.0	1.0/08.9	26673
2006 FF ₇	2007 11 08.2	02 51.78 +11 00.7 20.2	-1.02 - 6.2	2.1/07.0	26144
2002 KH ₉	2007 11 08.3	02 51.70 -17 51.0 20.2	-1.18 - 5.2	16.9/30.7	03324
2004 CA ₁₀₃	2007 11 08.3	02 51.72 +16 00.3 20.3	-0.78 - 4.6	0.1/08.2	26709
2003 SH ₁₉₄	2007 11 08.3	02 51.72 +26 12.6 20.6	-1.09 - 5.8	3.3/11.0	02170
2005 GZ ₇₇	2007 11 08.3	02 51.76 -03 03.3 20.1	-0.84 - 4.5	5.8/03.3	11093
2003 SD ₄₃	2007 11 08.3	02 51.78 +15 45.8 18.8	-1.00 - 7.2	0.3/08.1	26667
2004 AS ₈	2007 11 08.3	02 51.78 +04 48.2 18.6	-0.81 - 7.3	4.7/05.1	26703
2001 PC ₃₆	2007 11 08.3	02 51.79 -06 49.2 20.1	-0.77 - 7.1	7.2/01.9	20868
2005 GM ₁₇₀	2007 11 08.3	02 51.82 +16 26.0 20.3	-0.93 - 5.8	0.0/08.3	26745
2003 AU ₂₂	2007 11 08.3	02 51.86 +31 43.1 20.7	-0.92 - 4.1	4.4/12.1	48310
2003 YE ₂₇	2007 11 08.3	02 51.88 +35 59.0 19.4	-1.02 - 5.9	7.3/13.6	87601
2004 DK ₅₂	2007 11 08.3	02 51.89 +29 19.7 20.1	-0.88 - 4.3	3.9/11.7	22770
2001 PN ₁₂	2007 11 08.3	02 51.89 -00 56.7 19.5	-0.83 - 1.6	5.7/04.6	23632
2005 CJ ₅₈	2007 11 08.3	02 51.89 +23 49.3 19.9	-1.03 - 5.4	2.6/10.1	26728
1998 QE ₈₂	2007 11 08.3	02 51.92 +18 33.7 17.7	-0.85 -10.4	0.9/09.0	26553
2005 EZ ₂₁₆	2007 11 08.3	02 51.92 +18 52.1 20.3	-1.03 - 2.4	0.9/08.9	26738
2002 CY ₁₀	2007 11 08.3	02 51.92 -03 53.4 19.1	-1.18 + 1.2	7.0/04.7	26608
2004 BD ₅₆	2007 11 08.3	02 51.93 -01 47.3 20.3	-0.76 - 3.5	5.0/03.8	04289
2005 GJ ₅₆	2007 11 08.3	02 51.96 +11 29.4 18.7	-0.82 - 8.0	2.2/07.0	26045
2003 UE ₂₂₀	2007 11 08.3	02 51.96 -01 43.7 18.5	-1.02 + 1.6	7.5/05.0	26685
2004 DB ₆₆	2007 11 08.3	02 51.98 +01 58.5 20.0	-0.74 - 4.0	4.1/04.7	04298
2004 XO ₁₅₇	2007 11 08.3	02 51.98 +06 31.2 19.9	-1.10 - 1.8	4.4/06.3	26719
2002 QF ₁₂₀	2007 11 08.3	02 52.02 +13 42.2 19.4	-0.93 - 3.1	1.0/07.7	26633
2001 BK ₇₀	2007 11 08.3	02 52.05 +12 49.5 19.1	-0.97 - 5.2	1.6/07.5	26586
2005 GZ ₁₀₉	2007 11 08.3	02 52.14 +23 09.7 19.3	-1.08 - 0.2	2.2/09.7	26743
2003 VU ₃	2007 11 08.3	02 52.14 +13 24.1 18.1	-1.00 - 1.9	1.4/07.8	26689
2000 EC ₄₅	2007 11 08.3	02 52.19 +34 08.3 19.3	-1.13 - 0.8	5.9/12.1	62281
2003 QH ₅₈	2007 11 08.3	02 52.22 +33 08.2 19.9	-1.28 - 2.7	6.0/12.2	53754
1997 CC ₁₁	2007 11 08.4	02 52.10 +20 14.1 19.5	-0.99 - 4.2	1.7/09.3	10688
2002 GM ₁₀₈	2007 11 08.4	02 52.10 +06 17.2 20.4	-1.12 - 2.3	3.9/06.3	26619
2002 RV ₁₇₁	2007 11 08.4	02 52.10 +33 53.6 18.8	-1.15 + 1.1	7.2/11.7	26637
2002 NO ₆	2007 11 08.4	02 52.10 +04 07.9 21.1	-0.91 - 3.7	3.9/05.5	04204
2003 WD ₁₅	2007 11 08.4	02 52.13 +14 56.1 19.3	-1.08 - 0.1	0.6/08.1	26690

2005 GH ₆₇	2007 11 08.4	02 52.14 +13 25.8 19.5	-0.85 - 5.4	1.0/07.6	26743
2001 AC ₄₇	2007 11 08.4	02 52.15 +15 59.5 17.7	-1.52 + 6.0	0.2/08.4	26586
2005 BX ₁₃	2007 11 08.4	02 52.16 +09 57.5 19.1	-0.94 - 4.4	2.2/06.9	26724
2004 BJ ₁₃₅	2007 11 08.4	02 52.16 +15 16.7 20.1	-0.87 - 3.0	0.4/08.1	26707
2005 EQ ₃₄	2007 11 08.4	02 52.17 +28 57.7 20.0	-1.14 - 3.6	4.8/11.0	76776
2005 EG ₂₀₅	2007 11 08.4	02 52.23 +19 21.9 20.2	-1.05 - 3.5	1.1/09.1	24465
2005 JD ₁₃₆	2007 11 08.4	02 52.26 +05 27.9 19.7	-0.85 - 1.3	3.4/06.1	26747
2004 EL ₅	2007 11 08.4	02 52.30 +16 55.6 19.7	-0.83 - 3.1	0.1/08.5	26711
2002 RE ₁₅₂	2007 11 08.4	02 52.30 +10 46.6 19.6	-0.84 - 7.8	1.9/06.9	26637
2004 CA ₇	2007 11 08.4	02 52.31 +12 02.1 20.1	-0.88 - 3.3	1.5/07.4	26707
2005 GX ₁₇₂	2007 11 08.4	02 52.31 +14 13.0 20.1	-0.93 - 3.0	0.8/07.9	26745
2002 GJ ₆₈	2007 11 08.4	02 52.33 -07 40.6 19.4	-0.94 - 2.2	8.4/03.3	26618
1999 XN ₂₃₃	2007 11 08.4	02 52.34 -08 14.5 18.1	-0.67 - 2.0	13.1/01.8	26564
2001 KW ₁₉	2007 11 08.4	02 52.37 +06 00.2 20.0	-0.94 - 3.9	3.4/06.0	74983
2005 GT ₃₄	2007 11 08.4	02 52.38 -06 21.7 20.3	-0.75 - 2.3	5.7/03.0	11091
2002 RK ₃₈	2007 11 08.4	02 52.39 +06 58.2 19.0	-0.84 - 6.2	3.8/06.0	26634
1998 HG ₅₀	2007 11 08.4	02 52.46 +13 12.6 21.1	-1.02 - 3.6	1.1/07.7	26552
2002 GN ₈₆	2007 11 08.4	02 52.49 +08 04.1 20.9	-0.98 - 5.0	3.0/06.5	89272
2002 RY ₃₄	2007 11 08.4	02 52.52 +25 30.0 19.6	-0.96 - 4.6	3.2/10.7	26634
2005 JD ₄₉	2007 11 08.4	02 52.55 +11 09.1 19.4	-1.04 + 2.6	1.8/07.6	26746
2000 SZ ₁₃₇	2007 11 08.4	02 52.59 +29 28.8 18.5	-1.10 - 2.8	6.5/11.5	26577
2001 OA ₁₁₃	2007 11 08.5	02 52.49 +16 18.6 18.9	-0.84 - 5.1	0.1/08.5	26592
2003 SE ₁₆₀	2007 11 08.5	02 52.56 +17 10.0 18.4	-0.92 - 8.0	0.3/08.7	26670
2003 RM ₂₀	2007 11 08.5	02 52.57 +11 39.5 19.8	-1.03 - 4.4	1.9/07.4	26665
2003 UD ₂₆₉	2007 11 08.5	02 52.58 +18 09.0 18.6	-0.84 - 5.3	0.8/08.9	26687
2006 HP ₁₆	2007 11 08.5	02 52.64 +07 52.0 20.2	-0.99 - 3.7	3.3/06.6	11168
2001 TB ₅₈	2007 11 08.5	02 52.64 +15 24.1 19.4	-0.79 - 5.1	0.4/08.2	26601
2000 QO ₉₇	2007 11 08.5	02 52.67 +06 44.9 19.3	-1.05 - 5.1	3.8/06.3	26573
2001 SZ ₃₃₅	2007 11 08.5	02 52.68 +19 39.1 21.6	-0.85 - 3.5	0.9/09.3	84983
2002 GA ₈₀	2007 11 08.5	02 52.72 +14 16.9 20.6	-1.04 - 3.1	0.8/08.1	10870
2001 SO ₂₉₈	2007 11 08.5	02 52.72 +22 44.9 20.5	-0.87 - 3.8	2.1/10.1	02044
2001 UD ₅₉	2007 11 08.5	02 52.74 +23 52.8 19.6	-0.91 - 0.7	2.0/10.1	26603
2003 WF ₁₃₆	2007 11 08.5	02 52.75 +28 00.7 19.2	-0.95 - 9.1	4.3/11.9	26694
2002 TY ₂₆₂	2007 11 08.5	02 52.75 +16 45.7 19.5	-0.88 - 4.3	0.1/08.6	25888
2005 EC ₂₃₄	2007 11 08.5	02 52.76 -02 55.4 21.0	-0.89 - 4.9	6.0/03.5	76982
2003 WY ₁₃₃	2007 11 08.5	02 52.77 +17 56.1 19.5	-0.93 - 5.3	0.6/08.9	26694
2000 SB ₄₉	2007 11 08.5	02 52.79 +15 40.4 19.1	-0.93 - 8.1	0.4/08.3	99972
2002 EC ₁₂	2007 11 08.5	02 52.80 +14 56.4 20.0	-1.08 - 4.0	0.6/08.2	26613
2003 AP ₈₀	2007 11 08.5	02 52.83 +49 39.0 19.5	-1.68 - 4.0	14.7/17.6	02143
2002 UN ₇	2007 11 08.5	02 52.85 +01 02.6 19.0	-0.81 - 4.0	6.1/04.8	26647
2005 CZ ₆₈	2007 11 08.5	02 52.88 +12 52.6 20.7	-1.02 - 4.5	1.4/07.7	26728
2002 VN ₁₂₀	2007 11 08.5	02 52.88 +23 15.4 18.5	-1.03 + 0.8	2.5/09.8	26651
2002 GW ₂₀	2007 11 08.5	02 52.89 +18 42.8 19.1	-1.11 - 1.8	0.8/09.0	26617
2002 NS ₅₈	2007 11 08.5	02 52.89 -26 43.8 19.9	-0.93 - 0.9	14.7/27.4	94803
2005 JJ ₃₇	2007 11 08.5	02 52.93 +32 03.9 19.9	-1.03 - 4.7	5.2/12.5	26054
2003 UG ₈₆	2007 11 08.5	02 52.97 +22 22.5 18.7	-0.93 - 8.0	2.3/10.2	26680
2000 CG ₁₇	2007 11 08.5	02 52.97 +11 34.0 19.2	-1.00 - 0.4	1.6/07.6	26567
2003 UH ₆₁	2007 11 08.5	02 52.98 +10 46.6 18.9	-0.99 - 2.7	2.5/07.4	26679
2005 EP ₂₀₄	2007 11 08.6	02 52.89 +20 18.0 19.3	-1.03 - 3.9	1.7/09.4	76959
2004 SW ₉	2007 11 08.6	02 52.93 +58 08.6 19.6	-2.10 + 2.8	20.9/19.3	73203
2006 HK ₈₉	2007 11 08.6	02 52.99 -20 51.8 19.1	-1.25 + 6.8	13.1/04.8	26763

2002 RA ₆₉	2007 11 08.6	02 53.00 +23 02.4 19.4	-0.97	- 3.6	2.6/10.2	26635
2002 JZ ₁₀₀	2007 11 08.6	02 53.01 -13 44.4 20.5	-0.95	- 9.3	10.5/30.0	53047
2001 SQ ₃₃₆	2007 11 08.6	02 53.01 +33 00.7 20.1	-1.02	- 1.1	5.5/12.2	08022
2005 ED ₁₇₉	2007 11 08.6	02 53.03 +38 42.2 19.1	-1.24	- 0.8	8.8/13.7	89639
2002 AA ₉₃	2007 11 08.6	02 53.04 +13 48.7 21.2	-0.99	- 7.7	1.0/07.9	03283
2004 FN ₁	2007 11 08.6	02 53.05 -07 22.9 22.6	-0.78	- 7.6	5.6/01.4	66346
2002 PC ₇₀	2007 11 08.6	02 53.06 +14 32.4 19.2	-0.87	- 8.1	0.7/08.1	26628
2003 QX ₃	2007 11 08.6	02 53.06 +17 30.4 18.4	-0.98	- 4.3	0.5/08.9	26661
2005 CX ₆₈	2007 11 08.6	02 53.09 +26 42.6 20.1	-1.04	- 5.6	3.6/11.2	03662
2003 UR ₈₈	2007 11 08.6	02 53.10 -03 33.9 18.8	-1.04	+ 1.7	8.0/05.2	26680
2002 RP ₂₇₃	2007 11 08.6	02 53.10 +00 36.8 21.2	-0.87	- 4.5	4.9/04.7	21554
2004 DM ₃₉	2007 11 08.6	02 53.12 +01 44.5 20.1	-0.79	- 3.7	4.7/05.0	03612
2005 GN ₄	2007 11 08.6	02 53.15 +26 27.9 20.4	-1.07	+ 1.2	2.8/10.5	26741
1999 VE ₁₃₆	2007 11 08.6	02 53.16 +17 09.5 19.1	-1.00	- 3.4	0.2/08.8	26561
2001 RD ₈₂	2007 11 08.6	02 53.18 +03 59.8 18.1	-0.71	-10.4	4.6/04.7	26596
2003 WE ₁₃₉	2007 11 08.6	02 53.19 +11 57.6 18.0	-0.97	- 0.8	2.1/07.7	26695
2006 KU ₂₃	2007 11 08.6	02 53.20 +29 25.7 20.6	-1.23	- 3.1	4.8/11.5	01799
2003 KF ₅	2007 11 08.6	02 53.22 +17 29.8 19.7	-1.10	- 7.3	0.4/08.9	26658
1994 UW ₁₀	2007 11 08.6	02 53.23 +17 40.9 19.4	-0.90	- 8.3	0.4/09.0	26549
2005 EH ₂₄₈	2007 11 08.6	02 53.26 +14 55.4 20.7	-0.93	- 4.2	0.6/08.3	26738
2004 XK ₉₅	2007 11 08.6	02 53.27 +15 33.3 18.3	-0.99	- 6.9	0.5/08.4	26012
2005 GF ₃₃	2007 11 08.6	02 53.31 -14 43.4 20.9	-0.71	- 3.9	7.3/31.1	11091
2004 PQ ₈₃	2007 11 08.6	02 53.31 -23 49.0 19.6	-1.06	- 6.3	17.1/26.7	26714
2002 TV ₃₂	2007 11 08.6	02 53.32 +05 55.6 19.8	-0.84	- 7.0	3.5/05.9	26641
2005 EC ₁₇₄	2007 11 08.6	02 53.35 +12 21.2 20.9	-0.94	- 6.7	1.6/07.6	26736
2006 SM ₁₆₈	2007 11 08.6	02 53.37 +34 57.4 21.2	-0.92	- 1.8	4.4/13.0	10091
2004 CB ₄₂	2007 11 08.7	02 53.31 +33 08.6 20.1	-1.09	- 1.6	5.7/12.2	62495
2001 QB ₃₆	2007 11 08.7	02 53.34 +34 25.7 18.8	-0.99	- 3.4	6.3/13.2	75038
2002 QH ₁₁₆	2007 11 08.7	02 53.35 +06 18.4 19.7	-0.89	- 3.6	3.8/06.3	26633
2001 SP ₁₂₉	2007 11 08.7	02 53.37 +09 40.1 19.6	-0.78	- 5.7	2.1/06.9	26598
2005 ET ₇₅	2007 11 08.7	02 53.39 +19 40.1 19.5	-0.98	- 3.6	1.1/09.4	26732
2003 SV ₁₇₈	2007 11 08.7	02 53.40 +16 15.2 18.4	-0.91	- 5.8	0.2/08.6	26671
2003 SF ₅₄	2007 11 08.7	02 53.40 +21 13.6 19.4	-1.03	- 6.9	1.7/09.9	26667
2001 SQ ₉₆	2007 11 08.7	02 53.43 +17 32.6 18.7	-0.83	- 3.8	0.4/09.0	26598
2005 FR ₇	2007 11 08.7	02 53.43 -02 32.9 20.6	-0.87	- 5.1	6.2/03.8	86675
2005 EQ ₁₅₆	2007 11 08.7	02 53.45 +12 18.7 19.6	-1.11	- 2.2	1.7/07.9	26035
2005 JJ ₂₀	2007 11 08.7	02 53.46 +01 57.7 21.3	-0.71	- 4.3	3.5/05.0	11098
2003 YD ₆₅	2007 11 08.7	02 53.48 -07 02.5 19.9	-0.77	- 1.9	6.0/03.1	04281
2003 SU ₄₃	2007 11 08.7	02 53.53 +14 56.7 17.8	-0.85	- 6.3	0.8/08.3	26667
2002 QY ₆₆	2007 11 08.7	02 53.55 +11 36.5 19.2	-0.92	- 2.5	2.0/07.7	25865
2005 JX ₈₈	2007 11 08.7	02 53.56 +33 30.3 20.0	-1.04	- 5.1	5.5/13.1	11100
2002 QU ₃₀	2007 11 08.7	02 53.56 +11 48.9 19.4	-0.93	- 3.2	1.9/07.7	26631
2001 QP ₂₆₈	2007 11 08.7	02 53.64 +37 41.0 18.6	-0.91	- 7.8	6.6/15.2	10783
2003 QS ₃₉	2007 11 08.7	02 53.68 +16 52.0 18.6	-1.03	- 5.0	0.1/08.8	25913
2005 ED ₁₆₆	2007 11 08.7	02 53.70 +08 01.9 20.3	-0.87	- 5.1	3.1/06.7	11086
2000 UJ ₂₈	2007 11 08.7	02 53.74 +18 06.3 18.6	-1.02	- 6.5	0.7/09.2	26580
2004 EL ₅₇	2007 11 08.7	02 53.77 +19 31.8 19.6	-0.77	- 6.9	0.8/09.6	26711
2001 FL ₁₅	2007 11 08.7	02 53.78 +29 04.1 20.2	-1.06	- 1.9	3.7/11.5	04147
2003 WF ₉₄	2007 11 08.7	02 53.79 +26 50.5 20.0	-1.07	- 3.9	3.8/11.2	26693
2003 PV ₅	2007 11 08.7	02 53.79 +10 15.1 19.3	-1.00	- 6.3	2.7/07.3	26660
2001 US ₁₄₃	2007 11 08.8	02 53.73 +15 20.3 18.8	-0.78	- 3.7	0.5/08.5	25840

2006 OO ₁₇	2007 11 08.8	02 53.79 +10 18.3 19.8	-1.03	+ 0.5	2.1/07.7	26771
2005 ER ₃₂	2007 11 08.8	02 53.87 +22 55.4 17.8	-1.04	+ 0.2	3.3/10.0	26730
2003 YA ₁₄₅	2007 11 08.8	02 53.89 +10 26.2 18.4	-1.02	+ 1.1	2.3/07.8	26702
2003 WJ ₆₈	2007 11 08.8	02 53.90 +04 54.5 18.4	-1.14	+ 2.8	4.5/07.1	26691
2004 FK ₄₆	2007 11 08.8	02 53.90 +17 17.4 20.2	-0.91	- 2.0	0.2/09.0	66349
2002 NA ₃₈	2007 11 08.8	02 53.95 -25 23.5 18.9	-0.84	- 2.7	14.9/27.7	02110
2005 EQ ₁₀₅	2007 11 08.8	02 53.96 -03 01.5 21.8	-0.83	- 3.7	5.3/04.1	09131
2001 UQ ₅₆	2007 11 08.8	02 53.97 +10 23.8 20.1	-0.75	- 6.5	2.0/07.2	26025
2001 TU ₂₁₂	2007 11 08.8	02 53.98 +30 43.6 20.3	-0.91	- 3.4	4.0/12.4	04177
2004 CQ ₈₀	2007 11 08.8	02 53.99 +00 25.7 19.6	-0.78	- 3.5	4.9/04.9	04295
1993 HV ₄	2007 11 08.8	02 53.99 +14 58.0 19.8	-0.87	- 1.2	0.5/08.5	26548
2004 BU ₁₀₃	2007 11 08.8	02 54.02 +27 38.0 19.4	-0.94	- 2.1	3.3/11.3	25989
2005 AW ₈	2007 11 08.8	02 54.03 -01 35.0 21.0	-0.92	- 2.3	5.5/04.9	11077
2005 ER ₂₁₇	2007 11 08.8	02 54.07 -04 25.6 20.6	-0.73	- 5.5	5.5/03.3	11087
2004 CD ₆₈	2007 11 08.8	02 54.08 +35 15.0 20.3	-0.95	- 1.6	4.7/13.2	14711
2005 EB ₂₅₃	2007 11 08.8	02 54.13 -00 07.1 21.5	-0.86	- 4.7	4.8/04.6	77851
2004 BR ₁₁₃	2007 11 08.8	02 54.14 +24 31.6 17.9	-1.07	+ 0.9	3.6/10.3	26707
2002 CS ₂₄₃	2007 11 08.8	02 54.15 +26 29.2 19.1	-1.13	- 4.1	3.8/11.2	26612
1993 FY ₃₁	2007 11 08.8	02 54.18 +18 29.1 20.0	-1.02	- 2.1	0.6/09.3	25781
2005 LC ₂₅	2007 11 08.9	02 54.10 +05 19.4 20.9	-0.86	- 0.8	3.4/06.6	04336
2003 AJ ₁₄	2007 11 08.9	02 54.12 +13 30.8 18.9	-0.79	- 6.8	1.1/08.1	26656
2006 GD ₅₄	2007 11 08.9	02 54.15 +17 08.6 20.8	-1.04	- 1.2	0.2/09.0	26153
2005 EV ₁₀₀	2007 11 08.9	02 54.18 -02 44.9 20.5	-0.83	- 4.2	5.6/04.1	77832
2003 SR ₅₄	2007 11 08.9	02 54.21 +29 23.9 19.3	-1.11	- 4.8	5.4/12.1	77708
2004 DJ ₅₁	2007 11 08.9	02 54.22 +25 13.9 19.3	-0.95	- 1.8	2.9/10.8	25994
2002 PF ₆₀	2007 11 08.9	02 54.24 -10 40.9 19.8	-0.87	- 3.6	8.8/02.5	26627
2003 SY ₃₀₆	2007 11 08.9	02 54.25 +28 40.1 20.0	-1.15	- 3.4	4.6/11.6	77720
1999 TJ ₂₆₄	2007 11 08.9	02 54.28 +14 57.4 20.4	-0.69	- 4.0	0.5/08.5	25795
2002 PT ₁₂₃	2007 11 08.9	02 54.28 +07 50.9 19.1	-0.87	- 6.3	3.3/06.7	26629
2002 TZ ₃₃₈	2007 11 08.9	02 54.30 +06 50.8 19.9	-0.84	- 4.4	3.3/06.6	25889
2005 EW ₉₁	2007 11 08.9	02 54.32 +03 08.8 19.7	-0.87	- 5.8	5.1/05.5	26733
2001 SN ₁₄₆	2007 11 08.9	02 54.40 -03 48.8 20.1	-0.72	- 9.1	6.5/02.7	26599
2000 EN ₃₃	2007 11 08.9	02 54.41 -03 30.6 19.9	-0.83	- 3.6	6.2/04.0	26569
2005 AV ₉	2007 11 08.9	02 54.44 +18 52.2 19.0	-1.00	- 7.7	0.9/09.5	26721
1999 XN ₉	2007 11 08.9	02 54.46 +33 11.9 18.6	-1.00	-12.0	6.0/14.2	77417
2005 EG ₁₆₃	2007 11 08.9	02 54.46 -01 46.1 20.1	-0.86	- 6.8	6.4/03.9	26736
2002 GP ₁₅₅	2007 11 08.9	02 54.49 +10 30.8 18.5	-1.12	- 0.8	2.6/07.8	26620
2000 WW ₁₈₈	2007 11 08.9	02 54.50 +21 10.0 18.5	-1.01	- 6.6	2.1/10.1	26584
2004 BQ ₃	2007 11 08.9	02 54.52 +13 29.5 19.5	-0.94	- 2.2	1.3/08.3	95159
2001 RT ₃₀	2007 11 08.9	02 54.56 +10 54.7 19.8	-0.81	- 4.3	1.7/07.6	13784
1997 EV ₃	2007 11 08.9	02 54.58 +31 32.6 20.3	-1.11	- 2.3	4.6/12.4	66060
2000 PB ₂₈	2007 11 08.9	02 54.58 +08 54.7 19.6	-1.11	- 3.7	3.2/07.4	26572
2005 JZ ₄	2007 11 09.0	02 54.51 +06 17.9 20.3	-0.79	- 2.9	2.9/06.6	26745
2005 GY ₁₃	2007 11 09.0	02 54.52 +03 27.4 20.0	-0.81	- 1.1	3.8/06.2	04325
1999 RL ₄₀	2007 11 09.0	02 54.53 -16 16.6 19.0	-0.94	-12.6	16.1/28.0	26556
2007 TE ₄₁	2007 11 09.0	02 54.55 +16 26.4 19.7	-1.13	- 1.9	0.1/09.0	26531
2002 TB ₂₃₂	2007 11 09.0	02 54.61 +43 03.0 18.2	-1.01	- 2.4	11.8/16.2	41827
2002 QK ₂₄	2007 11 09.0	02 54.63 +35 39.5 19.4	-1.14	- 3.3	6.9/13.8	26631
1999 ED ₁₀	2007 11 09.0	02 54.70 -08 06.8 20.8	-0.74	- 5.5	7.2/02.3	47772
1995 SK ₃₁	2007 11 09.0	02 54.71 +05 22.2 20.2	-0.74	- 6.5	3.2/06.0	26549
1999 XO ₂₁₉	2007 11 09.0	02 54.74 +12 00.5 19.0	-0.94	- 3.5	1.9/08.0	26564

2005 ED ₇₄	2007 11 09.0	02 54.75 +11 32.2 20.4	-1.01 - 4.4	2.1/07.9	26732
2006 KD ₃₈	2007 11 09.0	02 54.87 +13 25.4 20.1	-1.00 - 3.1	1.1/08.4	26768
2002 TL ₂₅₃	2007 11 09.0	02 54.88 +12 57.2 17.2	-0.85 - 3.5	1.8/08.2	26645
2002 NC ₇	2007 11 09.0	02 54.90 -02 09.0 18.9	-0.86 - 3.2	7.7/04.7	26625
2003 SZ ₁₈₀	2007 11 09.0	02 54.90 +25 54.2 18.8	-1.06 - 5.4	3.9/11.4	26671
2002 QO ₉₄	2007 11 09.0	02 54.96 +22 18.1 19.4	-0.89 - 7.4	2.2/10.6	26632
2006 HE ₂₉	2007 11 09.1	02 54.98 +11 21.7 19.2	-1.04 - 2.7	2.4/08.0	26761
2002 NJ ₁₅	2007 11 09.1	02 54.99 +14 28.7 20.9	-0.98 - 2.9	0.7/08.6	26625
1993 TC ₁₇	2007 11 09.1	02 54.99 +06 59.3 19.1	-0.75 - 8.8	4.3/06.3	26548
2005 GL ₁₃₃	2007 11 09.1	02 55.01 +08 19.4 19.9	-0.84 - 5.0	3.1/07.0	00947
2003 SP ₂₂₁	2007 11 09.1	02 55.07 +10 14.6 19.0	-1.03 - 0.9	3.0/07.9	26672
2002 OT ₇	2007 11 09.1	02 55.19 -06 36.7 20.5	-0.89 - 2.6	8.1/03.9	02111
2004 DR ₃₃	2007 11 09.1	02 55.21 +15 42.8 19.9	-0.84 - 2.9	0.3/08.9	26710
2005 LE ₃₉	2007 11 09.1	02 55.25 -13 06.2 20.8	-0.84 + 0.6	7.8/02.9	86790
2006 QH ₅₇	2007 11 09.1	02 55.28 -05 30.8 20.9	-0.72 - 4.7	6.0/03.2	09680
2002 QN ₇₄	2007 11 09.1	02 55.34 +31 54.1 19.8	-1.15 - 0.8	5.7/12.2	85581
2006 JD ₁₇	2007 11 09.1	02 55.34 +13 41.8 20.2	-1.13 - 4.5	1.3/08.5	26765
2005 EB ₂₉₂	2007 11 09.1	02 55.35 +05 30.9 19.7	-1.00 - 0.8	4.0/07.0	26740
2003 YV ₇	2007 11 09.1	02 55.37 +25 28.5 18.7	-0.90 - 5.6	4.1/11.0	26698
2002 PX ₇₄	2007 11 09.1	02 55.38 -06 15.6 20.4	-0.86 - 4.8	7.3/03.7	04208
2003 YS ₃₀	2007 11 09.1	02 55.41 +04 45.8 19.2	-1.09 + 0.6	4.8/07.0	26699
2006 HH ₂	2007 11 09.2	02 55.36 +05 49.3 20.1	-1.06 - 2.8	4.1/07.0	26760
2005 GN ₁₃₃	2007 11 09.2	02 55.41 +15 35.4 20.6	-0.85 - 2.0	0.3/09.0	03692
2003 UE ₂₈₅	2007 11 09.2	02 55.41 +16 27.5 20.3	-1.02 - 3.3	0.1/09.2	24423
1998 UM ₅	2007 11 09.2	02 55.44 +12 08.4 19.1	-0.96 - 2.7	1.8/08.2	26554
1995 NA ₁	2007 11 09.2	02 55.45 +04 20.6 21.0	-1.00 - 3.4	4.6/06.5	26549
2001 UO ₁₉₄	2007 11 09.2	02 55.46 +13 49.3 20.8	-0.80 - 3.9	0.9/08.5	26603
2000 VN ₆₂	2007 11 09.2	02 55.47 +24 33.5 19.3	-1.02 - 7.2	3.5/11.3	74853
2002 TK ₁₇₂	2007 11 09.2	02 55.47 +26 03.4 17.1	-0.84 -10.5	3.8/12.1	26644
2005 ED ₇₆	2007 11 09.2	02 55.48 +19 44.1 21.3	-1.03 - 3.9	1.1/09.9	77828
2002 ER ₁₄₂	2007 11 09.2	02 55.60 +14 53.9 21.5	-1.04 - 4.2	0.6/08.9	00217
2003 QP ₁₀₄	2007 11 09.2	02 55.63 +46 24.3 17.2	-1.09 +12.9	18.3/10.6	25916
2002 JQ ₁₅	2007 11 09.2	02 55.64 +12 20.2 19.9	-1.04 - 4.1	1.6/08.3	26621
2003 UJ ₇₃	2007 11 09.2	02 55.74 +16 17.2 19.6	-1.00 - 3.4	0.2/09.2	26680
2000 CU ₃₆	2007 11 09.2	02 55.74 +35 46.5 19.1	-1.13 - 2.6	6.8/13.5	10724
2004 CD ₂₆	2007 11 09.2	02 55.77 -08 51.5 20.2	-0.83 - 4.1	10.9/02.1	97698
2005 EQ ₃₉	2007 11 09.2	02 55.78 +26 49.9 20.6	-1.07 - 4.3	3.6/11.7	95650
2005 GZ ₁₂	2007 11 09.2	02 55.79 +08 59.1 19.6	-0.89 - 2.9	2.5/07.6	26741
2005 GF ₉	2007 11 09.3	02 55.74 +01 50.2 21.5	-0.72 - 4.0	3.7/05.6	26741
2005 AG ₄₅	2007 11 09.3	02 55.78 +09 57.2 19.6	-1.05 - 3.2	2.7/07.9	26722
2006 HL ₆₉	2007 11 09.3	02 55.78 +14 26.9 19.4	-0.96 - 5.1	0.9/08.8	26160
2000 SU ₆₀	2007 11 09.3	02 55.85 +22 49.3 18.9	-1.20 + 0.4	2.9/10.4	25806
2002 PL ₁	2007 11 09.3	02 55.86 +32 34.8 18.9	-1.02 - 6.6	5.6/13.8	08286
2000 CQ ₄₀	2007 11 09.3	02 55.87 +10 19.0 19.3	-0.99 - 3.3	2.6/07.9	26567
2006 KN ₉₂	2007 11 09.3	02 55.89 +14 02.7 20.2	-1.00 - 6.9	1.0/08.7	26179
2001 UL ₁₁₃	2007 11 09.3	02 55.89 +20 47.6 18.9	-0.94 - 0.1	1.3/10.1	26603
2004 BU ₃₁	2007 11 09.3	02 55.91 +10 25.8 19.2	-0.91 - 2.2	2.4/08.0	26704
2000 CB ₆₉	2007 11 09.3	02 55.97 +22 15.8 19.8	-0.94 - 4.0	1.8/10.7	26567
2001 SX ₃₅₃	2007 11 09.3	02 55.98 +29 10.0 18.5	-0.83 - 9.9	3.7/13.1	22394
2000 RX ₅₇	2007 11 09.3	02 56.03 +27 49.1 20.2	-1.20 - 3.0	4.5/11.7	50486
2006 HU ₇	2007 11 09.3	02 56.05 -06 09.7 19.7	-1.00 - 1.2	7.9/04.8	26760

2002 PT ₈	2007 11 09.3	02 56.07 +07 50.7 20.9	-0.91 - 4.6	2.9/07.3	26627
2003 SW ₃₅	2007 11 09.3	02 56.12 +10 28.8 19.3	-1.05 - 2.5	2.6/08.1	26667
2006 PD ₃₂	2007 11 09.3	02 56.14 -01 50.3 19.0	-0.78 - 3.1	5.8/04.9	11181
2001 UJ ₃₂	2007 11 09.3	02 56.18 +20 28.3 19.8	-0.90 - 1.4	1.1/10.2	26603
2006 JT ₂₆	2007 11 09.4	02 56.11 +23 26.0 20.7	-0.98 - 7.1	2.1/11.2	26765
2001 SK ₂₇₄	2007 11 09.4	02 56.12 +12 50.4 19.9	-0.80 - 4.0	1.3/08.4	26600
2003 YX ₄₆	2007 11 09.4	02 56.13 +12 01.0 19.5	-0.94 - 3.1	1.6/08.4	26699
2002 XV ₁₇	2007 11 09.4	02 56.16 +17 01.3 20.1	-0.86 - 3.5	0.1/09.5	26653
2003 XY ₂₀	2007 11 09.4	02 56.18 -00 17.3 19.9	-1.09 + 2.5	5.9/06.7	76284
2005 JZ ₁₅₄	2007 11 09.4	02 56.21 +16 49.3 20.0	-0.89 - 5.8	0.0/09.4	26747
2005 AM ₄₄	2007 11 09.4	02 56.21 +06 59.7 20.2	-0.96 - 3.6	3.3/07.2	26722
2004 BC ₁₇	2007 11 09.4	02 56.22 +17 04.0 19.7	-1.06 - 0.4	0.1/09.5	25986
2005 EL ₂₁₈	2007 11 09.4	02 56.23 +10 23.6 19.7	-0.95 - 7.1	2.5/07.8	26738
2001 QS ₂₄₆	2007 11 09.4	02 56.25 +41 35.6 19.3	-1.18 + 0.7	7.3/14.7	10782
2002 GQ ₈₅	2007 11 09.4	02 56.25 +11 21.5 19.6	-1.02 - 3.6	2.0/08.3	26618
2003 SG ₂₀₈	2007 11 09.4	02 56.28 +30 53.4 18.8	-1.04 - 3.8	6.9/12.9	26672
2001 TJ ₁₄₄	2007 11 09.4	02 56.31 -02 46.0 19.6	-0.73 - 6.9	5.9/03.8	26601
2003 QR ₁₈	2007 11 09.4	02 56.32 +27 10.5 19.7	-1.20 - 3.2	4.0/11.7	26661
2005 GT ₉₄	2007 11 09.4	02 56.33 +16 08.7 20.4	-0.98 - 2.7	0.2/09.3	77867
2006 PA ₃₇	2007 11 09.4	02 56.35 +34 58.5 21.1	-0.96 - 2.9	5.2/14.0	11181
2003 JU ₆	2007 11 09.4	02 56.43 +13 38.9 18.8	-1.20 - 1.5	1.4/08.9	26658
2005 CT ₇₅	2007 11 09.4	02 56.52 +17 13.6 20.0	-1.01 - 5.5	0.2/09.6	26729
2003 RG ₂₁	2007 11 09.4	02 56.53 +13 30.8 19.1	-0.95 - 4.1	1.6/08.7	25919
2005 JA ₁₃₀	2007 11 09.4	02 56.54 +12 03.2 20.5	-0.80 - 2.3	1.3/08.4	26747
2006 MT ₁	2007 11 09.4	02 56.55 -08 50.9 19.4	-0.85 - 5.0	10.2/02.8	26770
2005 EX ₉	2007 11 09.4	02 56.57 +04 51.0 21.5	-0.83 - 4.8	3.4/06.5	09119
2002 RF ₈	2007 11 09.4	02 56.57 +11 47.9 19.6	-0.89 - 4.7	1.9/08.3	26634
2002 PK ₉₈	2007 11 09.4	02 56.57 +53 26.8 20.3	-1.54 - 0.7	10.2/19.0	04209
2001 QV ₂₂₂	2007 11 09.4	02 56.57 -01 32.9 19.8	-0.78 - 5.2	5.9/04.9	23670
2000 SE ₂₂	2007 11 09.4	02 56.58 +08 31.7 17.9	-0.92 - 0.3	4.6/07.9	26576
2004 BT ₁₂	2007 11 09.4	02 56.58 +07 29.9 20.6	-0.87 - 2.6	3.0/07.4	87605
1998 QG ₉₆	2007 11 09.5	02 56.53 +23 12.0 18.4	-0.91 - 9.2	2.6/11.3	26553
2006 FK ₄₁	2007 11 09.5	02 56.54 +14 43.8 18.6	-1.09 - 2.8	1.0/09.1	26757
2003 YA ₁₀₅	2007 11 09.5	02 56.58 +41 28.3 21.0	-0.92 - 3.5	5.2/16.0	87602
2005 CZ ₂₂	2007 11 09.5	02 56.61 +25 44.4 19.0	-1.19 - 1.4	3.9/11.0	26726
2001 UW ₄	2007 11 09.5	02 56.64 +26 02.6 18.9	-1.55 - 4.2	5.6/11.0	26602
2000 CJ ₁₁₉	2007 11 09.5	02 56.66 +27 33.8 20.1	-1.01 - 3.3	3.8/12.0	57752
2005 EM ₁₀	2007 11 09.5	02 56.66 +27 51.9 20.2	-0.97 - 3.4	3.3/12.1	11081
2001 TW ₂₁₄	2007 11 09.5	02 56.68 +22 28.7 18.4	-0.79 - 7.1	1.8/11.1	26602
2002 PK ₇₄	2007 11 09.5	02 56.69 +07 11.8 19.5	-0.85 - 7.2	3.3/07.0	26628
2007 TF ₁₆	2007 11 09.5	02 56.70 +14 59.0 18.6	-0.89 - 5.5	0.8/09.1	26524
2001 OG ₉₁	2007 11 09.5	02 56.75 +18 40.1 18.9	-1.07 + 1.0	0.7/09.9	26592
2006 OM	2007 11 09.5	02 56.77 +14 16.8 20.1	-0.80 - 6.8	0.8/08.9	26771
2005 JD ₁₁₃	2007 11 09.5	02 56.78 +26 26.9 18.6	-1.03 - 7.9	3.8/12.1	26747
2002 TJ ₂₀₀	2007 11 09.5	02 56.78 +19 13.5 20.2	-0.95 - 2.2	0.9/10.1	26645
2002 GP ₈₄	2007 11 09.5	02 56.78 +10 49.5 19.0	-1.06 - 2.4	2.3/08.3	26618
1997 SH ₁₅	2007 11 09.5	02 56.81 +16 41.4 18.5	-0.94 - 8.5	0.1/09.5	25786
2005 EZ ₁₈₈	2007 11 09.5	02 56.88 +10 22.9 19.5	-0.92 - 4.2	2.3/08.1	26737
2001 HD ₆₆	2007 11 09.5	02 56.94 -02 45.8 20.7	-0.89 - 2.0	5.8/05.3	74977
2002 PO ₉	2007 11 09.5	02 56.95 +16 58.8 19.1	-0.92 - 5.5	0.1/09.6	26627
2002 QP	2007 11 09.5	02 56.95 +28 01.6 18.2	-0.94 - 5.9	4.3/12.5	26630

2005 ET ₂₈	2007 11 09.5	02 56.98 +21 01.5 20.6	-0.96 - 2.4	1.2/10.5	26730
2001 OC ₆₂	2007 11 09.6	02 56.91 +24 38.3 18.8	-0.92 - 3.4	2.6/11.4	26592
2002 CJ ₁₈₀	2007 11 09.6	02 56.92 +06 38.0 20.6	-1.07 - 3.7	4.1/07.4	25845
2005 JG ₂₅	2007 11 09.6	02 56.95 +15 05.7 20.9	-0.82 - 2.9	0.5/09.2	26746
2001 RS ₁₀₁	2007 11 09.6	02 56.99 -01 18.5 19.0	-0.77 - 3.9	5.9/05.1	26596
2002 LA ₄₇	2007 11 09.6	02 57.00 -02 16.4 19.9	-0.88 - 6.5	6.5/04.7	00282
2003 NV ₁₂	2007 11 09.6	02 57.00 +23 21.6 20.3	-1.22 - 1.9	2.6/11.0	26659
2005 ES ₁₀₁	2007 11 09.6	02 57.03 +33 15.2 19.2	-1.17 - 0.2	5.8/12.9	76872
2005 GY ₁₀₃	2007 11 09.6	02 57.03 +10 38.5 20.1	-0.87 - 0.2	1.6/08.4	26049
2005 LN ₁	2007 11 09.6	02 57.17 -00 22.1 19.8	-0.78 - 2.6	5.4/05.6	86768
2004 CG ₆₁	2007 11 09.6	02 57.20 +00 26.4 19.7	-0.92 - 1.3	6.2/06.1	89511
2005 CU ₈	2007 11 09.6	02 57.20 +18 37.9 20.4	-1.04 - 3.6	0.6/10.0	26725
2002 RD ₂₃₅	2007 11 09.6	02 57.35 +12 02.2 20.8	-0.86 - 5.9	1.7/08.5	85616
2001 HL ₆₀	2007 11 09.6	02 57.36 -03 18.4 20.8	-0.87 - 3.4	6.0/04.9	74977
2003 YA ₁₆₃	2007 11 09.6	02 57.36 +30 14.0 19.4	-1.01 - 3.8	4.6/12.9	11015
2001 SR ₁₄₀	2007 11 09.6	02 57.38 +03 23.9 19.1	-0.73 - 7.3	4.4/05.9	26599
2006 QH ₃₄	2007 11 09.6	02 57.39 +10 46.8 21.5	-0.78 - 3.9	1.6/08.2	14293
2007 RO ₁₄₂	2007 11 09.6	02 57.43 +29 18.9 18.4	-1.31 + 5.5	6.8/11.4	26440
1998 XG ₁₉	2007 11 09.7	02 57.35 +14 36.7 19.8	-0.92 - 3.0	0.8/09.2	25791
2003 WN ₉₉	2007 11 09.7	02 57.42 -03 07.2 18.8	-1.00 - 0.2	7.6/05.8	26693
2003 SY ₈₉	2007 11 09.7	02 57.48 +24 16.0 18.7	-1.02 - 6.6	3.0/11.6	26668
2000 CB ₁₁₅	2007 11 09.7	02 57.52 +04 34.8 19.9	-0.96 - 3.0	4.2/07.0	26568
2001 RE ₅₇	2007 11 09.7	02 57.54 +31 10.2 19.0	-1.01 - 0.4	5.2/12.7	26596
2003 AO ₃₅	2007 11 09.7	02 57.58 +28 18.0 18.8	-0.85 - 6.2	3.3/12.8	10956
2004 CN ₁₁₂	2007 11 09.7	02 57.60 +01 15.7 19.5	-0.89 - 0.7	5.1/06.6	26709
2006 JT ₄₂	2007 11 09.7	02 57.62 +13 01.3 19.8	-1.00 - 2.7	1.5/09.0	01764
2002 RZ ₇₆	2007 11 09.7	02 57.63 +01 15.7 20.3	-0.83 - 6.0	5.3/05.7	26635
2003 SX ₂₄₅	2007 11 09.7	02 57.68 +18 27.6 19.0	-0.97 - 3.1	0.8/10.1	26673
1999 VW ₆₅	2007 11 09.7	02 57.68 +14 58.1 18.5	-0.96 - 4.3	0.8/09.3	26561
2004 CK ₅	2007 11 09.7	02 57.71 +00 26.8 19.7	-0.82 - 2.2	4.9/06.1	04293
2005 EO ₁₁	2007 11 09.7	02 57.71 +13 48.3 20.6	-1.03 - 3.8	1.2/09.1	26729
2003 BC ₂₄	2007 11 09.7	02 57.73 +18 25.0 18.5	-0.79 - 8.0	0.5/10.2	25904
2002 TT ₁₉₄	2007 11 09.8	02 57.77 +21 01.1 19.9	-0.95 - 3.2	1.5/10.7	20293
2005 EW ₂₁₉	2007 11 09.8	02 57.79 +22 35.2 18.2	-0.96 -10.3	2.4/11.4	26738
2005 CR ₂₉	2007 11 09.8	02 57.79 +09 50.2 20.1	-1.13 - 2.3	3.1/08.4	87651
2002 PC ₈₉	2007 11 09.8	02 57.80 +05 18.9 19.0	-0.84 - 8.4	4.0/06.6	26628
2002 CW ₁₆₉	2007 11 09.8	02 57.87 +04 05.9 20.5	-1.03 - 3.8	4.7/07.0	26611
2002 GT ₂₀	2007 11 09.8	02 57.88 +20 53.9 20.1	-1.09 - 3.7	1.5/10.7	26617
2003 YC ₁₃₂	2007 11 09.8	02 57.94 +20 40.9 19.6	-1.08 - 0.7	1.5/10.6	26702
2005 EB ₁₉₈	2007 11 09.8	02 57.94 +11 03.5 20.7	-0.92 - 6.0	1.9/08.4	26037
2002 FM ₃₉	2007 11 09.8	02 57.95 +18 40.9 21.3	-1.06 - 3.3	0.6/10.2	52940
2003 UR ₁₆	2007 11 09.8	02 57.99 +16 54.9 18.4	-1.03 - 0.8	0.0/09.9	25936
2003 QE ₅₁	2007 11 09.8	02 57.99 +20 06.1 18.2	-1.06 - 1.5	1.5/10.5	26663
2004 DD ₃₈	2007 11 09.8	02 58.00 +28 16.9 19.4	-0.88 - 4.1	3.4/12.7	26710
2003 XM ₂₀	2007 11 09.8	02 58.00 +24 24.9 18.1	-1.24 + 4.3	3.4/11.0	26697
2002 QT ₅₇	2007 11 09.8	02 58.03 +31 30.4 19.3	-1.08 - 2.4	5.0/13.1	26631
2003 UX ₂₇₄	2007 11 09.8	02 58.04 +02 22.0 17.9	-0.93 + 2.2	7.3/07.4	26687
2002 LE ₄	2007 11 09.8	02 58.04 +11 52.9 20.2	-0.98 - 4.0	1.7/08.7	26623
2005 HW ₁	2007 11 09.8	02 58.07 +15 55.8 19.4	-1.04 0.0	0.3/09.7	26745
2001 CW ₃₁	2007 11 09.8	02 58.08 -22 33.4 20.7	-0.96 0.0	10.4/31.7	77508
2000 UN ₁₉	2007 11 09.8	02 58.11 +19 36.1 18.9	-1.25 + 2.3	1.3/10.3	26580

2000 SY ₃₀₈	2007 11 09.8	02 58.13 +28 37.4 19.7	-1.15 - 4.9	4.5/12.6	26579
2002 NY ₁₃	2007 11 09.8	02 58.14 +29 12.4 20.3	-1.04 - 5.3	4.1/13.0	00287
2007 TC ₇₂	2007 11 09.8	02 58.17 +18 27.7 19.3	-1.00 - 4.2	0.7/10.2	26536
2004 XN ₁₄₆	2007 11 09.8	02 58.20 +03 34.6 19.5	-1.09 - 3.1	5.5/07.0	26719
2006 KC ₉	2007 11 09.8	02 58.21 +16 14.7 20.7	-1.02 - 4.9	0.2/09.7	01787
2005 JE ₅₄	2007 11 09.9	02 58.13 +07 56.2 20.1	-0.78 - 2.8	2.5/07.8	04333
2005 ES ₂₁₀	2007 11 09.9	02 58.14 +14 45.6 19.7	-0.91 - 5.4	0.8/09.4	26737
2001 QM ₁₈₉	2007 11 09.9	02 58.15 +33 43.9 19.5	-0.92 - 6.9	5.0/14.7	00039
2002 JV ₆₈	2007 11 09.9	02 58.16 +08 04.8 20.7	-1.03 - 2.3	2.9/08.1	26622
2003 WZ ₇₁	2007 11 09.9	02 58.17 +37 06.9 19.3	-1.11 - 5.1	7.5/15.0	04274
1998 RB ₂₉	2007 11 09.9	02 58.20 +31 12.4 20.2	-1.10 - 2.6	4.3/13.1	04111
2006 KL ₂₉	2007 11 09.9	02 58.24 +14 23.0 19.4	-1.07 - 1.8	1.1/09.4	26174
2001 HV ₅₃	2007 11 09.9	02 58.28 -05 44.2 20.2	-0.89 - 2.9	7.2/04.6	04150
2002 XM ₃₉	2007 11 09.9	02 58.28 +13 49.2 19.7	-0.89 - 0.9	0.9/09.3	26653
2001 OF ₂₃	2007 11 09.9	02 58.31 +33 31.3 18.1	-0.84 - 9.5	5.9/15.1	00028
2003 SB ₂₈₅	2007 11 09.9	02 58.35 +22 18.7 19.4	-1.04 - 6.3	2.0/11.3	26675
2002 CM ₂₇₃	2007 11 09.9	02 58.40 +18 55.4 21.1	-1.09 - 4.4	0.7/10.4	31973
2002 LX ₃	2007 11 09.9	02 58.42 +08 03.2 21.0	-1.02 - 1.7	3.0/08.2	34011
2001 QG ₁₂₉	2007 11 09.9	02 58.45 +32 34.4 18.2	-0.91 - 5.2	5.8/14.2	26594
2003 TO ₅₈	2007 11 09.9	02 58.46 +20 47.8 17.7	-0.64 -10.7	2.0/11.2	26677
2003 YR ₁₅₂	2007 11 09.9	02 58.55 +09 02.7 19.8	-0.86 - 2.9	2.4/08.2	26702
2001 SY ₃₂₁	2007 11 09.9	02 58.60 +32 25.1 19.5	-0.93 - 3.2	4.5/13.7	10804
2005 ET ₂₄₀	2007 11 09.9	02 58.60 -02 40.9 21.2	-0.89 - 4.6	6.4/05.2	11087
2005 CS ₅₂	2007 11 09.9	02 58.61 +18 36.1 18.8	-1.09 - 2.1	0.8/10.3	26728
2003 SW ₂₈₉	2007 11 10.0	02 58.52 +09 06.5 18.7	-0.99 - 2.1	3.5/08.4	26675
2002 XJ ₈₈	2007 11 10.0	02 58.59 +24 35.3 19.1	-0.98 - 0.1	2.6/11.5	26654
2004 BW ₃₆	2007 11 10.0	02 58.60 +22 56.5 19.5	-0.94 - 3.6	2.1/11.4	26705
2004 FB	2007 11 10.0	02 58.62 +19 39.3 24.0	-1.03 - 4.4	0.8/10.6	66346
2002 EQ ₁₀₆	2007 11 10.0	02 58.68 +07 24.3 20.0	-1.04 - 3.3	3.6/08.0	26615
2001 SK ₁₃₆	2007 11 10.0	02 58.70 +28 40.7 20.5	-0.92 - 2.4	3.5/12.7	61043
2007 TM ₁₆₅	2007 11 10.0	02 58.72 +20 31.2 18.9	-1.09 - 3.4	1.6/11.0	26545
1997 CO ₂	2007 11 10.0	02 58.76 +10 19.8 22.0	-0.95 - 3.8	2.1/08.6	38456
2005 EZ ₁₄₇	2007 11 10.0	02 58.76 +16 46.8 18.9	-1.03 - 2.3	0.1/10.0	26735
1997 OB ₁	2007 11 10.0	02 58.76 +10 48.8 19.2	-1.10 - 5.5	2.7/08.7	26551
2001 TJ ₁₂₀	2007 11 10.0	02 58.77 +36 09.1 19.6	-0.94 - 3.5	6.0/14.9	10810
2003 WQ ₁₉₂	2007 11 10.0	02 58.77 +22 23.4 19.5	-1.01 - 4.2	2.0/11.3	26696
2003 QT ₃₆	2007 11 10.0	02 58.80 +20 51.4 19.0	-1.08 - 3.8	1.7/11.0	26662
2006 HD ₅₂	2007 11 10.0	02 58.85 +00 30.8 19.0	-1.57 + 8.4	7.7/08.8	26762
2005 BW ₈	2007 11 10.0	02 58.90 +22 21.2 20.1	-1.11 - 3.6	2.0/11.2	26020
2002 GA ₈₄	2007 11 10.0	02 58.90 +08 04.6 20.6	-0.98 - 5.0	3.0/08.0	26618
2005 CG ₅₉	2007 11 10.0	02 58.91 +16 40.3 19.4	-1.03 - 5.7	0.1/10.0	26728
2003 WX ₁₄	2007 11 10.0	02 58.92 +16 35.4 19.3	-0.98 - 4.0	0.2/10.0	26689
2001 HD ₄₀	2007 11 10.0	02 58.95 +10 12.1 20.1	-0.89 - 6.1	2.3/08.4	26591
2001 TL ₂₀₀	2007 11 10.0	02 58.97 -06 41.4 19.0	-0.73 - 5.5	7.6/03.6	26602
2003 YH ₃₇	2007 11 10.0	02 58.99 +12 01.8 20.0	-0.92 - 2.4	1.8/09.0	26699
2005 ED ₄₆	2007 11 10.0	02 58.99 +06 46.5 19.8	-0.93 - 6.2	4.1/07.6	26731
2004 BM ₃₆	2007 11 10.0	02 59.00 +14 59.7 20.5	-0.81 - 3.1	0.5/09.6	26705
2005 AC ₃₂	2007 11 10.1	02 59.01 +13 50.1 19.9	-1.08 - 4.1	1.2/09.4	26722
2003 XL ₄₀	2007 11 10.1	02 59.04 +18 15.8 19.2	-1.03 - 2.2	0.5/10.4	26698
1997 UY ₂₂	2007 11 10.1	02 59.04 +25 12.5 19.8	-1.13 - 2.5	4.0/11.8	26551
2000 WX ₁₃₁	2007 11 10.1	02 59.06 +10 23.5 18.5	-1.10 - 0.4	3.1/08.9	26583

2001 DS ₆₁	2007 11 10.1	02 59.11 +11 30.9 19.3	-0.96	- 4.5	2.0/08.9	26588	2003 YJ ₁₅₄	2007 11 10.3	02 59.91 +18 45.2 20.2	-1.08	- 0.7	0.6/10.7	62467
1993 TC ₈	2007 11 10.1	02 59.11 +18 41.6 20.3	-0.89	- 5.5	0.6/10.6	26548	2001 DP ₅₃	2007 11 10.3	02 59.94 +25 04.2 20.0	-1.12	- 3.3	3.2/12.0	26588
2003 RY ₉	2007 11 10.1	02 59.12 +28 17.8 20.0	-1.14	- 6.8	4.2/13.0	15776	2006 JT ₁₁	2007 11 10.3	02 59.94 +07 31.4 19.9	-1.06	- 1.9	3.8/08.5	26764
2005 CM ₅₂	2007 11 10.1	02 59.13 +09 34.4 19.6	-1.05	- 2.6	3.0/08.6	26728	2004 CH ₁₁₈	2007 11 10.3	02 59.96 -06 51.8 22.2	-0.74	- 2.8	5.6/04.4	97699
2001 QD ₂₈₆	2007 11 10.1	02 59.14 +07 05.0 19.5	-0.80	- 5.6	2.9/07.7	77557	2002 SE ₄₂	2007 11 10.3	02 59.97 +22 30.3 19.6	-1.00	- 1.2	2.0/11.4	26640
2003 UM ₁₄₈	2007 11 10.1	02 59.16 +06 34.6 18.6	-0.92	- 2.7	4.8/07.8	26682	2002 EZ ₇₉	2007 11 10.3	02 59.99 +14 58.5 20.2	-1.06	- 4.5	0.8/09.9	26614
2000 WJ ₁₆₄	2007 11 10.1	02 59.17 +06 42.6 18.2	-0.92	-11.2	4.7/07.2	26583	2000 AH ₅₈	2007 11 10.3	03 00.01 +08 07.4 17.9	-0.90	- 1.7	4.3/08.5	26566
2004 AJ ₂₅	2007 11 10.1	02 59.22 +09 16.4 18.5	-0.89	- 3.5	3.6/08.4	26703	2004 GO ₄₁	2007 11 10.3	03 00.02 +35 26.0 20.0	-1.03	- 0.5	5.3/14.1	86465
2004 XH ₁₂₁	2007 11 10.1	02 59.23 +27 12.6 18.6	-1.07	- 7.6	4.7/12.8	26719	2006 HJ ₃₀	2007 11 10.3	03 00.02 +12 52.5 19.1	-0.95	- 5.1	1.4/09.4	26761
2007 TA ₉	2007 11 10.1	02 59.23 +07 00.5 18.6	-0.81	- 6.9	3.4/07.6	26517	2002 RM ₄	2007 11 10.3	03 00.04 +29 49.6 19.7	-0.98	- 6.3	4.2/13.7	04215
2006 KY ₆₅	2007 11 10.1	02 59.23 +12 28.9 19.9	-1.07	- 1.8	1.7/09.3	26769	2003 WT ₁₀	2007 11 10.3	03 00.04 +26 55.3 19.6	-1.05	- 4.0	4.0/12.7	86157
2001 UX ₁₈₈	2007 11 10.1	02 59.24 +09 21.8 19.8	-0.76	- 6.0	2.4/08.2	02048	2005 JC ₅₉	2007 11 10.3	03 00.05 +18 09.9 20.7	-0.83	- 3.3	0.3/10.6	26055
2002 XR ₁₀	2007 11 10.1	02 59.28 +03 56.4 20.1	-0.86	- 1.2	4.2/07.4	85771	2004 GB ₃₈	2007 11 10.3	03 00.06 +05 28.7 19.6	-0.86	- 1.0	3.3/07.9	26713
2002 RH ₁₅₈	2007 11 10.1	02 59.29 +25 32.3 20.4	-0.99	- 3.1	3.0/12.1	26637	2002 XO ₆₃	2007 11 10.3	03 00.06 +06 22.3 18.4	-0.87	- 1.5	4.2/08.1	25901
2006 QB ₁	2007 11 10.1	02 59.30 +34 04.2 20.2	-1.07	- 4.9	5.6/14.3	09619	1998 SQ ₂₀	2007 11 10.3	03 00.12 +22 22.6 20.6	-1.00	- 3.0	1.8/11.5	26553
2002 PN ₁₁	2007 11 10.1	02 59.32 +10 58.5 19.4	-0.90	- 4.6	2.2/08.8	26627	2005 EJ ₆₄	2007 11 10.3	03 00.20 +27 07.8 20.3	-1.15	- 2.5	4.0/12.4	77826
2005 GD ₇₂	2007 11 10.1	02 59.32 +08 04.3 21.1	-0.82	- 4.7	2.8/08.0	00945	1995 UZ ₁₈	2007 11 10.3	03 00.21 +14 39.2 20.0	-0.82	- 2.7	0.7/09.9	26549
2006 HO ₆₄	2007 11 10.1	02 59.37 +12 41.0 21.5	-1.01	- 5.3	1.6/09.2	22548	2000 CM ₁₀₁	2007 11 10.4	03 00.18 +30 33.8 20.0	-1.05	- 2.2	4.4/13.3	10725
2002 EP ₁₅₅	2007 11 10.1	02 59.41 +18 51.6 20.0	-1.08	- 3.1	0.6/10.6	26616	2001 RW ₁₅₄	2007 11 10.4	03 00.22 +08 55.4 20.5	-0.77	- 5.0	2.5/08.4	26597
2003 AT ₈₅	2007 11 10.2	02 59.35 -12 11.1 18.6	-0.84	+ 0.8	10.6/03.9	26656	2001 PB ₂₁	2007 11 10.4	03 00.24 +27 30.4 19.0	-0.92	- 4.2	4.0/13.0	26592
2005 GZ ₁₁₈	2007 11 10.2	02 59.38 +13 22.6 20.6	-0.90	- 3.6	1.2/09.4	02250	2003 KP	2007 11 10.4	03 00.33 +14 31.5 19.8	-1.08	- 6.1	1.1/09.9	26658
2005 JZ ₁₇₇	2007 11 10.2	02 59.40 +14 25.8 20.4	-0.83	- 2.2	0.7/09.7	26748	2002 ES ₁₃₉	2007 11 10.4	03 00.38 +11 55.4 19.0	-1.04	- 4.4	2.1/09.3	26616
2004 DS ₅₈	2007 11 10.2	02 59.44 +12 42.0 20.7	-0.83	- 2.9	1.3/09.3	86332	2000 ES ₅	2007 11 10.4	03 00.39 -04 46.6 19.8	-0.83	- 3.8	6.9/05.2	10729
2006 BL ₂₇₅	2007 11 10.2	02 59.45 +22 11.4 20.1	-1.19	- 3.0	2.1/11.3	26130	2002 GA ₁₁₄	2007 11 10.4	03 00.42 +05 47.6 19.9	-1.00	- 3.5	4.1/08.0	26619
2002 GC ₄	2007 11 10.2	02 59.47 +26 10.5 20.6	-1.21	- 0.3	3.1/11.9	52943	2001 QH ₁₃₄	2007 11 10.4	03 00.45 +17 09.0 19.4	-0.80	- 9.7	0.0/10.5	26594
2000 GV ₅₉	2007 11 10.2	02 59.48 +17 50.1 19.7	-0.92	- 2.6	0.2/10.4	26570	2001 SW ₃₃₃	2007 11 10.4	03 00.47 +25 25.0 20.1	-0.92	- 1.2	2.4/12.2	10804
2006 LB ₆	2007 11 10.2	02 59.50 +00 12.9 20.0	-0.82	- 1.2	5.2/06.7	11172	2005 EC ₁₇₈	2007 11 10.4	03 00.47 +08 08.6 19.9	-0.95	- 5.3	3.2/08.3	77842
2003 SR ₁₉₇	2007 11 10.2	02 59.52 +05 50.9 18.3	-0.92	- 5.4	4.8/07.6	26671	2000 TB ₁₁	2007 11 10.4	03 00.54 +22 57.7 19.2	-1.15	- 0.7	2.8/11.6	25813
2003 QD ₉₉	2007 11 10.2	02 59.55 +10 58.7 19.1	-1.11	- 1.9	2.4/09.1	26664	2006 GY ₂₆	2007 11 10.4	03 00.56 +17 26.9 19.5	-1.19	- 0.4	11.1/31.0	26150
2002 QL ₃₆	2007 11 10.2	02 59.56 +31 30.3 19.3	-1.07	- 2.9	5.0/13.6	26631	2004 XG ₉₄	2007 11 10.4	03 00.59 +06 37.2 20.0	-1.13	- 0.6	4.4/08.7	76556
2003 WC ₉₂	2007 11 10.2	02 59.56 +10 29.7 19.4	-0.90	- 7.4	2.5/08.5	26692	2003 SO ₃₃	2007 11 10.4	03 00.63 +13 11.1 18.6	-0.96	- 3.8	1.8/09.6	26666
2002 GW ₄₀	2007 11 10.2	02 59.59 +14 46.3 20.1	-0.99	- 6.1	0.8/09.7	26617	2007 RQ ₂₂₇	2007 11 10.5	03 00.55 +21 28.5 18.8	-0.98	- 0.3	1.5/11.4	26481
2006 KW ₁₁₆	2007 11 10.2	02 59.59 +07 48.4 18.3	-0.97	- 2.5	4.4/08.3	26770	2005 JX ₄₃	2007 11 10.5	03 00.55 +18 44.7 20.4	-0.86	- 3.2	0.5/10.9	26746
2005 LL ₁₄	2007 11 10.2	02 59.61 +10 23.3 21.5	-0.87	- 5.4	2.0/08.6	87681	2003 QU ₄	2007 11 10.5	03 00.57 +21 48.6 19.7	-1.07	- 6.9	1.8/11.7	02153
2001 FB ₇₆	2007 11 10.2	02 59.62 -07 49.0 19.2	-0.84	-10.1	8.7/02.5	26589	2003 ON ₁₇	2007 11 10.5	03 00.58 +20 24.3 18.9	-1.08	- 3.5	1.6/11.2	26660
2003 SU ₁₇	2007 11 10.2	02 59.62 +19 57.5 20.1	-1.06	- 4.6	1.2/11.0	26666	2001 XD ₁₂₀	2007 11 10.5	03 00.63 +15 13.3 19.0	-1.02	+ 2.5	0.6/10.2	26604
2003 WX ₁₂₄	2007 11 10.2	02 59.62 +41 16.6 19.1	-1.08	- 8.5	8.3/17.5	58070	2000 QE ₁₄₅	2007 11 10.5	03 00.65 +23 21.3 19.0	-1.20	- 0.3	3.2/11.7	26573
2003 YF ₁₀₄	2007 11 10.2	02 59.68 +29 26.3 18.8	-0.99	- 6.5	4.3/13.5	58104	1999 CC ₁₁₇	2007 11 10.5	03 00.66 +09 58.5 20.1	-0.79	- 3.9	1.9/08.8	26555
2002 PS ₁₂₂	2007 11 10.2	02 59.69 +23 04.4 20.3	-0.95	- 5.1	1.8/11.7	18017	2000 HX ₂₈	2007 11 10.5	03 00.72 -03 01.8 21.8	-0.74	- 6.0	4.9/05.2	04136
2004 BF ₅₀	2007 11 10.2	02 59.70 +18 49.6 20.0	-0.90	- 3.7	0.6/10.7	26705	2004 CJ ₆₂	2007 11 10.5	03 00.80 +12 29.8 20.3	-0.87	- 1.4	1.4/09.6	26708
1995 CC ₆	2007 11 10.2	02 59.75 +20 10.4 21.4	-0.93	- 4.5	1.2/11.0	68500	2002 XR ₈	2007 11 10.5	03 00.81 +10 13.9 19.8	-0.88	- 1.0	2.1/09.2	85771
2001 TX ₈₁	2007 11 10.2	02 59.76 +15 09.9 19.9	-0.79	- 5.9	0.6/09.8	26601	2000 MU ₂	2007 11 10.5	03 00.82 +09 25.0 20.6	-0.82	- 3.4	2.1/08.8	26572
2003 UV ₁₄₁	2007 11 10.2	02 59.77 +09 32.9 20.0	-1.04	- 2.9	2.9/08.8	26682	2003 QE ₅	2007 11 10.5	03 00.85 +41 55.2 19.0	-1.32	- 5.2	10.5/17.6	77698
2002 YY ₁₅	2007 11 10.2	02 59.77 +13 16.8 19.0	-0.91	- 2.5	1.3/09.5	61684	2006 HG ₁₀₂	2007 11 10.5	03 00.98 +13 49.4 21.4	-1.03	- 6.4	1.1/09.8	03905
2004 BP ₉₉	2007 11 10.3	02 59.76 +01 53.6 20.4	-0.78	- 3.4	4.4/06.7	26706	2006 KJ ₉₈	2007 11 10.5	03 00.98 +12 18.5 21.0	-0.94	- 5.9	1.6/09.4	26180
2005 CD ₃	2007 11 10.3	02 59.79 +13 17.6 19.0	-1.08	- 3.3	1.5/09.5	26725	2001 QM ₂₆₇	2007 11 10.5	03 01.05 +50 41.9 18.6	-1.12	- 6.5	10.4/21.8	04157
2005 GF ₁₇₂	2007 11 10.3	02 59.80 +12 46.6 19.9	-0.88	- 3.1	1.4/09.4	26745	2001 TF ₃	2007 11 10.6	03 00.96 +15 38.2 19.7	-0.77	- 6.0	0.5/10.2	26601
2003 WR ₁₃₅	2007 11 10.3	02 59.82 +06 35.2 19.5	-0.99	- 0.9	3.4/08.3	26694	2003 QN ₇₂	2007 11 10.6	03 00.98 +12 52.3 19.4	-1.08	- 3.1	1.8/09.7	26663
2000 SQ ₁₉₄	2007 11 10.3	02 59.82 +28 29.7 20.8	-1.32	- 2.2	4.6/12.7	93859	2003 QD ₈₉	2007 11 10.6	03 01.06 +13 32.3 20.2	-1.06	- 3.8	1.4/09.9	26664
2003 YV ₁₀₃	2007 11 10.3	02 59.83 +06 25.8 18.1	-0.87	- 1.4	5.3/08.1	25980	2002 EJ ₈₇	2007 11 10.6	03 01.09 +22 04.9 18.9	-1.16	- 2.0	2.0/11.6	26614
2004 FA ₁₄₀	2007 11 10.3	02 59.86 +50 29.6 20.1	-1.42	+ 2.0	9.1/16.5	09002	2000 BB ₄₀	2007 11 10.6	03 01.09 +24 14.0 19.4	-0.96	- 4.2	2.5/12.3	26567

2002 XH ₁₀₁	2007 11 10.6	03 01.14 +06 05.5 19.7	-0.90 - 0.2	3.6/08.5	26655
2002 TW ₃₅₉	2007 11 10.6	03 01.15 +11 13.0 20.8	-0.87 - 4.6	1.8/09.2	26647
2005 EE ₂₇₉	2007 11 10.6	03 01.24 +25 28.0 20.2	-1.16 + 0.2	3.1/12.1	87660
1995 DQ ₂	2007 11 10.6	03 01.24 +66 41.1 19.5	-2.73 +10.1	19.4/13.6	62213
2006 JP ₂₂	2007 11 10.6	03 01.36 -05 26.6 20.2	-0.88 - 5.4	8.2/05.1	03910
2004 EH ₂₁	2007 11 10.6	03 01.38 +11 14.4 20.2	-0.80 - 4.3	1.8/09.3	26711
2002 TJ ₂₄₅	2007 11 10.6	03 01.40 +15 14.6 19.2	-1.00 - 0.0	0.7/10.3	25887
2001 SS ₂₁₅	2007 11 10.6	03 01.42 +18 57.5 20.4	-0.85 - 3.2	0.6/11.1	26599
2002 JZ ₁₃	2007 11 10.6	03 01.42 -10 58.8 18.4	-1.30 + 3.5	11.6/05.9	26621
2004 XE ₆₉	2007 11 10.7	03 01.36 +18 31.4 18.1	-1.13 + 0.1	0.7/10.9	26718
2002 PX ₁₀₈	2007 11 10.7	03 01.42 +18 49.1 20.7	-0.99 - 2.8	0.5/11.1	03346
2000 GF ₁₈₆	2007 11 10.7	03 01.44 +14 41.5 20.4	-0.88 - 4.4	0.8/10.1	26571
2005 GN ₁₀	2007 11 10.7	03 01.45 +20 24.1 19.5	-1.02 - 1.4	1.2/11.4	26741
2006 DA ₉₈	2007 11 10.7	03 01.46 -04 37.8 19.4	-0.92 - 2.2	7.8/06.2	26754
2006 MQ ₅	2007 11 10.7	03 01.48 +06 30.8 20.7	-0.91 - 2.3	3.3/08.5	26770
2002 EF ₇₈	2007 11 10.7	03 01.49 +09 39.7 19.7	-0.96 - 6.3	2.7/08.9	26614
2005 EW ₂₅₀	2007 11 10.7	03 01.50 +05 14.9 20.5	-0.94 - 2.4	3.8/08.2	26738
2002 GR ₁₀₃	2007 11 10.7	03 01.55 +08 18.1 20.1	-1.04 - 1.8	3.1/09.0	33985
2002 XW ₇₆	2007 11 10.7	03 01.55 +22 39.8 18.6	-0.90 - 3.8	2.0/12.0	26654
2005 EN ₂₄₅	2007 11 10.7	03 01.56 +21 02.3 19.9	-0.99 - 3.5	1.4/11.6	26738
2005 JF ₉₄	2007 11 10.7	03 01.61 -00 15.2 21.1	-0.84 - 0.3	4.5/07.3	87673
2001 EO ₁₀	2007 11 10.7	03 01.66 +19 01.3 20.9	-0.97 - 3.1	0.5/11.2	77517
2005 EV ₂₇₁	2007 11 10.7	03 01.66 +21 43.6 19.5	-1.03 - 4.8	1.8/11.8	02248
2004 EL ₁₅	2007 11 10.7	03 01.67 -07 29.5 21.7	-0.76 - 3.7	6.5/04.4	62521
2005 EL ₃₄	2007 11 10.7	03 01.68 +08 28.1 20.9	-0.98 - 5.8	3.3/08.7	89630
2002 PQ ₁₀₂	2007 11 10.7	03 01.71 +25 55.1 20.4	-0.97 - 6.7	2.8/13.0	26628
2003 YT ₂₅	2007 11 10.7	03 01.72 +19 27.5 17.9	-0.94 - 2.4	1.1/11.3	26698
2003 XG ₄₃	2007 11 10.7	03 01.73 +19 59.6 20.0	-0.95 - 8.5	1.0/11.5	86186
2005 CQ ₄₉	2007 11 10.7	03 01.76 +14 11.6 19.8	-1.02 - 4.9	1.1/10.1	26727
2003 UZ ₃₀	2007 11 10.7	03 01.85 +19 41.1 21.0	-1.05 - 4.3	0.9/11.4	03534
1998 QN ₉₀	2007 11 10.8	03 01.75 +24 44.3 18.7	-0.98 - 9.3	2.9/12.9	26553
2002 TJ ₉₄	2007 11 10.8	03 01.77 +20 08.0 19.5	-0.97 - 2.4	1.0/11.4	26642
2003 AA ₇₇	2007 11 10.8	03 01.78 +53 19.4 18.7	-1.60 - 3.0	19.2/21.6	02143
2005 GX ₂₄	2007 11 10.8	03 01.83 +16 18.9 21.5	-0.93 - 2.1	0.2/10.6	77064
2002 CZ ₁₁	2007 11 10.8	03 01.84 +22 02.9 18.5	-1.19 - 2.6	2.1/11.8	26608
2005 EA ₆₂	2007 11 10.8	03 01.85 +04 40.4 19.8	-0.92 - 4.6	5.2/07.9	26732
2005 BA ₆	2007 11 10.8	03 01.87 +19 44.2 20.3	-1.14 - 3.2	1.1/11.3	26724
2002 PT ₉₂	2007 11 10.8	03 01.88 +20 13.6 18.5	-0.90 - 8.9	1.1/11.7	26628
2002 RH ₃₈	2007 11 10.8	03 01.91 +36 38.8 18.6	-1.08 - 2.8	7.9/15.3	26634
2002 RY ₁₄₀	2007 11 10.8	03 01.98 +01 08.4 19.4	-0.89 - 1.0	6.4/07.6	26636
2005 EG ₁₃₅	2007 11 10.8	03 02.03 +16 37.1 19.7	-0.93 - 4.5	8.7/31.0	26734
2001 RB ₇₄	2007 11 10.8	03 02.07 +36 28.9 19.1	-1.05 - 0.6	6.1/15.0	04160
2002 YD ₁₃	2007 11 10.8	03 02.09 +20 53.7 18.6	-0.83 - 5.9	1.2/11.8	26655
2005 EH ₂₂₉	2007 11 10.8	03 02.11 +18 20.0 20.5	-1.05 - 3.8	9.4/22.0	26039
2005 GP ₁₃₈	2007 11 10.8	03 02.14 +15 35.7 19.8	-0.97 - 2.4	0.6/10.5	26744
2002 EM ₁₃₇	2007 11 10.8	03 02.16 +20 23.9 20.8	-1.09 - 3.6	1.1/11.6	26616
2004 CB ₂₃	2007 11 10.8	03 02.16 +01 15.4 20.0	-0.78 - 2.2	4.3/07.4	04293
1996 XF ₁₆	2007 11 10.8	03 02.18 +15 11.1 20.2	-1.08 - 1.9	0.7/10.5	26551
2005 JF ₆₂	2007 11 10.8	03 02.23 +12 15.0 21.3	-0.85 - 5.3	1.4/09.7	87672
2001 AZ ₄₃	2007 11 10.8	03 02.25 +27 08.9 19.3	-1.06 - 4.6	4.3/13.2	26586
2000 SM ₂₃₉	2007 11 10.9	03 02.20 +24 21.5 19.4	-1.21 - 1.7	3.2/12.3	26578

2002 GA ₆₆	2007 11 10.9	03 02.21 +12 53.0 19.8	-0.99 - 5.5	1.6/09.9	26618
2003 UA ₉₅	2007 11 10.9	03 02.22 +14 17.5 19.2	-0.96 - 6.6	1.1/10.2	26681
2003 YU ₁₀₈	2007 11 10.9	03 02.22 +17 59.5 19.1	-1.00 - 2.4	9.4/22.0	26701
2005 JM ₂₇	2007 11 10.9	03 02.25 +12 34.9 19.8	-0.97 - 3.2	1.6/09.9	26746
1993 TO ₇	2007 11 10.9	03 02.29 +23 35.8 20.1	-0.96 - 3.5	2.2/12.4	77352
2002 DR ₁₅	2007 11 10.9	03 02.29 +25 32.4 20.0	-1.12 - 5.0	3.1/12.8	26613
2003 YO ₁₃₂	2007 11 10.9	03 02.39 +25 22.5 18.7	-1.08 - 0.4	3.2/12.5	26702
2005 GT ₇₉	2007 11 10.9	03 02.46 -04 07.8 20.7	-0.82 - 1.6	6.2/06.3	11093
2001 QP ₁₃₅	2007 11 10.9	03 02.49 +43 06.7 20.4	-1.10 - 1.5	6.3/17.2	10778
2002 TW ₂₁₅	2007 11 10.9	03 02.52 -08 41.9 18.8	-0.81 - 1.6	11.0/05.4	26645
2003 PO ₃	2007 11 10.9	03 02.54 +18 42.7 19.4	-1.08 - 5.2	0.6/11.3	26660
2004 EL ₁₀	2007 11 10.9	03 02.58 +29 46.4 20.0	-0.92 - 2.3	3.7/13.8	08941
2006 KS ₉₉	2007 11 11.0	03 02.56 +14 52.2 20.8	-0.95 - 5.8	0.8/10.4	02371
2002 FQ ₂₁	2007 11 11.0	03 02.58 +07 39.6 19.2	-0.97 - 7.0	4.1/08.6	26616
2006 QA ₁₄₀	2007 11 11.0	03 02.60 +28 05.0 20.0	-0.90 - 4.4	3.4/13.7	22822
1996 AU ₈	2007 11 11.0	03 02.60 +11 31.4 19.6	-1.09 - 4.9	2.6/09.8	26550
2000 JP ₅₉	2007 11 11.0	03 02.60 +25 10.4 19.4	-0.93 - 4.9	2.4/12.9	26571
2005 EJ ₅₇	2007 11 11.0	03 02.63 +27 57.0 20.1	-1.10 - 3.8	3.9/13.4	77825
2004 FU ₉₂	2007 11 11.0	03 02.63 +35 17.7 19.8	-1.02 - 0.4	5.1/14.7	62549
2001 FM ₁₉₆	2007 11 11.0	03 02.67 +07 50.3 19.8	-0.96 - 0.9	2.9/09.2	26590
2000 DT ₁₈	2007 11 11.0	03 02.68 +52 34.0 19.9	-1.37 - 2.4	12.5/20.6	04131
2005 GO	2007 11 11.0	03 02.71 +21 08.1 19.9	-1.02 + 1.5	1.1/11.7	26740
2001 RE ₁₅₀	2007 11 11.0	03 02.72 +30 51.4 19.1	-1.02 - 0.8	5.0/13.9	25833
2006 OK ₁	2007 11 11.0	03 02.75 -08 38.3 20.3	-0.80 - 1.5	8.1/05.2	11173
2000 KZ ₄	2007 11 11.0	03 02.76 +18 51.4 21.2	-0.79 - 7.4	0.4/11.5	3936
2000 VL ₁₀	2007 11 11.0	03 02.76 +14 12.1 18.1	-1.04 + 2.7	1.7/10.6	7629
2000 GY ₁₁₉	2007 11 11.0	03 02.78 +19 06.4 20.3	-0.91 - 3.2	0.7/11.5	26570
2005 GT ₁₆₂	2007 11 11.0	03 02.78 +17 59.7 19.4	-1.05 - 0.6	0.3/11.2	26745
2005 GC ₇₉	2007 11 11.0	03 02.83 -08 38.4 20.1	-0.88 - 3.5	8.1/04.6	77111
2006 QA ₆	2007 11 11.0	03 02.85 +36 20.6 21.3	-0.94 - 4.1	5.4/15.9	11183
2005 JL ₃₁	2007 11 11.0	03 02.88 +12 18.3 20.3	-0.90 + 0.1	1.3/10.1	26054
2004 FK ₆₅	2007 11 11.0	03 02.91 +13 08.3 19.8	-0.85 - 3.5	1.2/10.1	26712
2003 YS ₄₀	2007 11 11.0	03 02.93 +12 46.0 19.8	-0.92 - 3.2	1.6/10.1	26699
2005 CH ₃₇	2007 11 11.0	03 02.94 +12 36.7 19.7	-1.05 - 4.3	1.9/10.1	26727
2005 JZ ₈₈	2007 11 11.0	03 02.97 +09 52.0 19.1	-0.98 - 3.6	2.6/09.5	26747
2003 YN ₈₄	2007 11 11.0	03 02.98 +08 16.3 19.2	-0.93 - 3.3	3.2/09.1	26700
2000 HT ₁₅	2007 11 11.0	03 03.00 +09 18.8 19.6	-1.32 -26.7	3.8/08.4	26571
2006 FX ₇	2007 11 11.0	03 03.01 +06 13.4 20.8	-0.97 - 7.4	4.0/08.4	26757
2002 TO ₁₅₆	2007 11 11.0	03 03.01 +17 27.6 19.7	-0.89 - 5.9	0.1/11.1	26643
1998 WX ₃₆	2007 11 11.0	03 03.02 +17 29.1 19.8	-0.96 - 2.8	0.1/11.1	26554
2003 SW ₂₁₂	2007 11 11.1	03 03.04 +18 28.3 19.2	-1.15 - 1.4	0.5/11.3	26672
2001 PU ₆₂	2007 11 11.1	03 03.05 -06 54.4 19.1	-0.76 - 5.0	7.9/05.0	25907
2002 SS ₆₇	2007 11 11.1	03 03.06 +15 25.4 20.6	-0.90 - 3.8	0.7/10.7	25881
2000 UY ₉₁	2007 11 11.1	03 03.07 +27 25.7 18.4	-1.17 - 2.0	4.9/13.2	26581
2004 BB ₁₅₄	2007 11 11.1	03 03.10 +32 25.3 20.4	-0.99 - 3.4	4.9/14.7	08885
2001 EB ₂₂	2007 11 11.1	03 03.10 +21 00.8 19.1	-1.01 - 8.0	1.5/12.1	26588
1999 CO ₁₃₅	2007 11 11.1	03 03.12 +29 39.6 22.1	-0.89 - 2.7	3.2/14.0	68534
1999 TY ₂₉₃	2007 11 11.1	03 03.14 +20 18.1 20.7	-1.07 - 4.2	1.2/11.8	99920
2005 JE ₃₂	2007 11 11.1	03 03.17 +19 03.8 20.1	-0.90 - 0.3	0.5/11.5	87670
2005 CA ₁₈	2007 11 11.1	03 03.23 +19 34.1 20.9	-0.98 - 4.4	0.7/11.7	26726
2003 QH ₆₆	2007 11 11.1	03 03.30 +20 08.2 19.7	-1.10 - 4.7	1.1/11.8	26663

2005 CS ₅₀	2007 11 11.1	03 03.30 +15 11.0 19.9	-1.03	- 4.7	0.8/10.7	26727	2003 AM ₆₅	2007 11 11.3	03 04.23 -01 12.8 18.7	-0.95	+ 1.8	6.5/08.1	26656
2005 JU ₃	2007 11 11.1	03 03.30 +26 50.9 21.1	-0.86	- 2.9	2.5/13.4	11097	2003 YN ₄₇	2007 11 11.3	03 04.23 +14 35.7 19.0	-1.02	- 1.5	1.1/10.9	26699
2001 GH ₉	2007 11 11.1	03 03.31 +08 47.3 20.1	-0.95	- 1.3	2.7/09.5	26590	2004 EY ₁₁₂	2007 11 11.3	03 04.24 +01 51.9 20.2	-0.78	- 3.6	4.9/07.7	11042
2000 RO ₅₉	2007 11 11.1	03 03.47 +17 50.2 19.2	-1.07	- 6.6	0.2/11.3	26575	2005 ET ₁₄	2007 11 11.4	03 04.19 +11 50.5 19.8	-1.02	- 4.2	2.2/10.2	26729
2003 YS ₄₇	2007 11 11.2	03 03.39 +04 23.1 19.4	-1.01	+ 0.6	4.6/08.9	26699	2005 EJ ₂₄₂	2007 11 11.4	03 04.25 +05 25.4 19.5	-0.96	- 2.0	4.0/09.0	26738
2003 WD ₁₂₀	2007 11 11.2	03 03.42 +26 44.6 19.1	-0.93	- 7.2	4.2/13.7	65517	1998 EC ₅	2007 11 11.4	03 04.28 +29 41.2 19.9	-0.89	- 3.1	3.6/14.3	26552
2001 UH ₁₉₀	2007 11 11.2	03 03.43 +22 00.9 20.2	-0.85	- 4.1	1.5/12.3	26603	2002 FW ₁₁	2007 11 11.4	03 04.30 +23 41.7 19.0	-1.20	- 1.6	2.6/12.6	26616
2003 UP ₂₄₆	2007 11 11.2	03 03.44 +12 12.6 18.3	-1.00	- 1.1	2.2/10.3	26686	2001 SJ ₁₁₉	2007 11 11.4	03 04.31 +32 51.7 19.4	-0.95	- 3.3	5.0/15.1	10795
2005 GO ₁₂	2007 11 11.2	03 03.48 +02 26.7 21.4	-0.85	- 6.4	4.5/07.4	77050	2003 WN ₂₀	2007 11 11.4	03 04.35 +27 03.0 19.0	-1.02	- 4.5	4.1/13.7	26690
2003 MA ₂	2007 11 11.2	03 03.49 +40 52.6 20.4	-1.24	-12.3	10.1/19.3	53735	2002 CP ₃₁₂	2007 11 11.4	03 04.37 +16 19.5 21.3	-1.04	- 5.5	0.4/11.2	02081
2005 CD ₇₉	2007 11 11.2	03 03.55 +10 33.8 20.1	-0.96	- 5.4	2.4/09.7	26729	2002 LR ₁₇	2007 11 11.4	03 04.37 +15 22.5 20.2	-0.99	- 4.7	0.7/11.0	26624
2002 GM ₁₃₆	2007 11 11.2	03 03.59 +19 44.3 20.5	-1.07	- 4.6	1.0/11.8	26619	2004 EZ ₇₈	2007 11 11.4	03 04.37 +35 23.2 20.8	-1.00	- 0.8	4.8/15.2	14099
2006 HE ₂₄	2007 11 11.2	03 03.59 +13 49.6 20.4	-1.05	- 2.6	1.3/10.6	26760	2005 EK ₅	2007 11 11.4	03 04.38 +14 39.8 19.3	-1.06	- 2.7	1.2/10.9	26729
2003 WJ ₁₂₇	2007 11 11.2	03 03.60 +09 09.1 18.9	-1.08	+ 0.6	3.1/09.8	26694	2005 EH ₂₆₀	2007 11 11.4	03 04.44 +16 41.9 20.3	-1.05	- 3.0	0.3/11.3	26041
2003 WR ₁₇₂	2007 11 11.2	03 03.62 +12 17.9 19.0	-0.98	- 2.4	1.9/10.2	26696	2002 GD ₁₃₀	2007 11 11.4	03 04.52 +16 32.4 20.7	-1.02	- 6.4	0.3/11.3	85493
2006 HQ ₇₇	2007 11 11.2	03 03.63 +18 11.6 20.4	-1.16	- 3.2	0.4/11.4	26762	2003 YK ₁₃₄	2007 11 11.4	03 04.52 +04 00.2 19.4	-1.03	+ 0.2	4.8/09.0	62465
2005 LA ₁	2007 11 11.2	03 03.63 +21 40.9 20.8	-0.80	- 7.9	1.1/12.5	03706	2006 GE ₃₉	2007 11 11.4	03 04.53 -04 33.1 18.5	-0.99	-21.0	10.5/03.4	26759
2005 AX ₇₅	2007 11 11.2	03 03.64 +08 29.4 21.4	-1.00	- 3.7	3.1/09.4	03655	2005 JK ₁₄₈	2007 11 11.4	03 04.55 -02 37.2 21.0	-0.81	- 4.2	5.9/06.5	04335
2005 AQ ₅	2007 11 11.2	03 03.66 +26 54.2 19.7	-1.20	- 2.7	4.2/13.2	26016	2002 OY ₁₁	2007 11 11.4	03 04.57 +01 48.3 20.4	-0.88	- 5.9	5.2/07.7	26626
2003 YS ₁₁₁	2007 11 11.2	03 03.72 +13 44.1 19.5	-1.08	- 0.4	1.3/10.6	25980	2003 SF ₈₄	2007 11 11.4	03 04.65 +25 20.3 18.9	-1.11	- 9.8	3.2/13.7	57947
2003 YK ₃₈	2007 11 11.2	03 03.72 +16 11.4 19.5	-0.98	- 3.9	0.4/11.0	26699	1999 TN ₂₉₄	2007 11 11.4	03 04.68 +05 59.1 20.3	-0.96	- 6.1	4.4/08.8	26559
2004 BY ₁₅₃	2007 11 11.2	03 03.72 +30 19.6 21.3	-0.92	- 2.3	3.8/14.2	08884	2005 CV ₆₂	2007 11 11.5	03 04.61 +17 27.3 17.4	-1.04	- 0.2	0.0/11.5	26728
2006 KY ₁₁₃	2007 11 11.2	03 03.74 +22 07.4 20.0	-1.17	- 3.2	1.8/12.3	26769	2003 WC ₂₁	2007 11 11.5	03 04.61 +38 02.5 18.5	-1.04	-22.4	8.4/19.5	57257
2002 GZ ₁₇₁	2007 11 11.2	03 03.75 +16 25.1 20.3	-1.06	- 3.2	0.3/11.1	26620	2002 TF ₁₄₉	2007 11 11.5	03 04.62 +12 45.7 19.9	-0.86	- 5.5	1.6/10.4	26643
2003 UH ₂	2007 11 11.2	03 03.77 +24 05.6 20.5	-1.06	- 2.8	3.0/12.7	56941	2003 XM ₈	2007 11 11.5	03 04.64 +40 20.5 18.5	-1.14	- 1.6	10.6/16.8	86179
2001 FB ₁₂₉	2007 11 11.2	03 03.78 -01 35.5 19.8	-0.85	- 3.0	5.5/07.1	10765	2002 TD ₁₇₈	2007 11 11.5	03 04.70 +40 52.5 19.1	-1.10	- 3.9	8.3/17.7	24380
2003 UK ₉₃	2007 11 11.2	03 03.79 +17 36.2 19.3	-0.98	- 6.6	0.1/11.4	26680	2001 RS ₃₇	2007 11 11.5	03 04.71 +05 47.8 19.1	-0.79	- 5.8	3.9/08.6	26596
2002 XM ₆₀	2007 11 11.2	03 03.82 +17 49.2 19.4	-0.86	- 4.1	0.2/11.4	26654	1999 VB ₁₁₇	2007 11 11.5	03 04.71 +15 04.8 20.0	-0.95	- 4.4	1.0/11.0	26561
2001 TZ ₁₃₁	2007 11 11.2	03 03.86 +23 26.2 20.0	-0.89	- 2.2	2.2/12.6	26601	2006 JZ ₁₈	2007 11 11.5	03 04.72 +09 03.6 18.6	-1.15	+ 5.8	3.9/10.6	26765
2002 QD ₉₁	2007 11 11.2	03 03.87 +13 45.5 19.9	-0.97	- 1.3	1.3/10.6	10895	2003 WR ₁₀₃	2007 11 11.5	03 04.74 +16 59.4 18.5	-0.97	- 3.1	0.2/11.4	26693
2002 PP ₁₆₁	2007 11 11.3	03 03.78 +13 03.1 19.6	-0.94	- 3.6	1.5/10.4	26629	2005 EA ₂₉	2007 11 11.5	03 04.74 +00 35.7 21.2	-0.85	- 4.9	4.9/07.4	11081
2003 UZ ₃₁₅	2007 11 11.3	03 03.79 +14 20.0 19.0	-0.98	- 2.8	1.3/10.7	26688	2003 SZ ₁₁₃	2007 11 11.5	03 04.77 +21 45.5 19.9	-1.09	- 4.8	1.6/12.5	26669
2002 TY ₇₉	2007 11 11.3	03 03.81 +09 34.5 18.8	-0.96	- 0.4	3.1/09.9	26642	2002 HO ₈	2007 11 11.5	03 04.87 +13 55.2 21.1	-1.00	- 4.7	1.2/10.8	26620
1999 YL ₁₂	2007 11 11.3	03 03.83 +42 19.9 18.8	-1.14	-11.1	8.3/19.3	77428	2006 JM ₂₅	2007 11 11.5	03 04.87 +12 07.8 20.7	-1.04	- 6.7	2.1/10.3	26765
2005 CL ₁₃	2007 11 11.3	03 03.89 +07 21.0 20.2	-1.04	- 3.2	3.8/09.2	26725	2005 EF ₂₅₃	2007 11 11.5	03 04.88 -00 26.8 19.6	-0.97	- 1.3	6.7/07.9	26738
2001 RY ₂₂	2007 11 11.3	03 03.90 -02 40.1 20.4	-0.76	- 4.8	5.8/06.3	10785	2003 UD ₃₁₅	2007 11 11.5	03 04.90 +19 47.7 18.7	-1.12	+ 1.0	1.0/12.0	26688
2002 NT ₄₅	2007 11 11.3	03 03.91 +08 40.9 19.8	-0.96	- 3.3	3.1/09.5	26625	2002 TD ₁₁₀	2007 11 11.5	03 04.92 +06 36.3 18.4	-0.99	+ 2.1	4.6/09.9	26643
2002 PM ₁₆	2007 11 11.3	03 03.91 +06 32.8 19.9	-0.92	- 3.7	4.0/09.0	48244	2005 CY ₆₆	2007 11 11.5	03 04.92 +13 33.6 19.6	-1.05	- 3.8	1.6/10.8	26728
2002 CP ₅₄	2007 11 11.3	03 03.93 +09 40.0 19.7	-1.03	- 6.6	3.3/09.5	26609	2000 EG ₁₄₁	2007 11 11.5	03 04.92 +08 55.7 19.1	-0.88	- 4.5	3.2/09.6	26569
2002 PA ₁₁₃	2007 11 11.3	03 04.00 -04 14.6 19.7	-0.86	- 5.0	7.8/06.2	00312	2005 GQ ₇₉	2007 11 11.5	03 04.92 +17 48.0 20.2	-0.94	- 2.4	0.1/11.7	26047
2002 TE ₃₅₂	2007 11 11.3	03 04.05 +24 06.8 19.2	-0.94	- 5.4	2.5/13.0	26647	2003 WW ₁₇₁	2007 11 11.5	03 04.93 -03 22.1 18.8	-0.78	- 9.1	9.1/05.3	58078
2002 AL ₁₆₅	2007 11 11.3	03 04.09 +03 27.5 20.4	-1.03	- 4.1	5.2/08.3	26607	1997 LT ₁	2007 11 11.5	03 04.93 +07 02.7 19.7	-0.86	- 7.1	3.7/08.9	25786
2000 CW ₂₂	2007 11 11.3	03 04.09 +18 23.5 19.5	-0.96	- 5.2	0.4/11.6	26567	2000 EC ₁₁₀	2007 11 11.5	03 04.99 +25 51.2 20.3	-1.08	- 1.3	2.9/13.2	26569
2005 EK ₉₃	2007 11 11.3	03 04.09 -03 18.2 19.3	-0.95	- 0.5	7.1/07.4	26733	2002 RX ₁₃₈	2007 11 11.5	03 05.01 +12 49.6 19.3	-1.00	- 0.4	1.6/10.8	25873
2006 KG ₆₈	2007 11 11.3	03 04.12 +05 21.4 20.5	-0.93	- 4.8	4.1/08.7	01823	2002 GR ₁₁₀	2007 11 11.5	03 05.04 +13 00.5 21.2	-1.02	- 3.8	1.5/10.7	02096
2001 QU ₂₂₅	2007 11 11.3	03 04.18 +15 25.6 19.0	-0.79	- 6.3	0.6/10.9	26595	2001 SF ₁₇	2007 11 11.5	03 05.05 +28 23.8 19.7	-0.94	- 1.7	3.1/13.9	10791
2006 QB ₁₅₆	2007 11 11.3	03 04.20 -01 57.4 20.8	-0.76	- 3.9	5.6/06.6	09771	2002 QC ₇₁	2007 11 11.6	03 05.02 +12 00.7 20.3	-0.93	- 4.0	2.0/10.4	26632
2004 RO ₂₄₈	2007 11 11.3	03 04.20 +45 03.4 18.4	-1.24	- 9.7	14.1/20.1	70087	2002 JD ₂₃	2007 11 11.6	03 05.03 +12 35.3 20.4	-1.01	- 4.3	1.7/10.6	85507
2002 RQ ₂₃₆	2007 11 11.3	03 04.21 -01 44.7 20.5	-0.85	- 5.0	6.0/06.6	89331	2001 SM ₂₄₁	2007 11 11.6	03 05.07 +08 21.4 19.5	-0.76	- 5.7	2.9/09.3	26600
2003 SN ₂₈₉	2007 11 11.3	03 04.21 +08 29.7 20.2	-1.01	- 3.6	3.1/09.5	04264	2004 BN ₁₁₇	2007 11 11.6	03 05.12 +07 30.8 19.4	-0.96	- 0.9	3.7/09.7	97697
2005 GT ₁₆₈	2007 11 11.3	03 04.22 +17 44.9 20.0	-0.89	- 2.9	0.1/11.5	26745	1996 XP ₆	2007 11 11.6	03 05.21 +25 14.8 19.7	-0.95	- 0.8	2.5/13.2	26551

2002 RL ₂₇₂	2007 11 11.6	03 05.22 +13 43.3	19.6	-0.92	- 4.4	1.4/10.8	26639
2005 JH ₉₄	2007 11 11.6	03 05.31 +17 09.3	19.7	-0.89	- 5.0	0.1/11.6	26056
2005 CE ₅₈	2007 11 11.6	03 05.32 +06 24.2	19.5	-0.97	- 5.5	4.4/09.1	26728
2005 GM ₁₅₅	2007 11 11.6	03 05.34 +15 04.3	20.6	-0.94	- 3.4	0.8/11.2	00949
2005 EW ₁₉₂	2007 11 11.6	03 05.35 +21 10.2	19.0	-1.03	- 4.2	1.8/12.5	77844
2006 HF ₈₄	2007 11 11.6	03 05.35 +11 44.9	20.5	-0.87	- 7.6	1.8/10.2	24492
2002 LF ₄₄	2007 11 11.6	03 05.35 +05 48.0	20.7	-0.99	- 2.6	4.1/09.3	89298
2005 EY ₂₆₅	2007 11 11.6	03 05.37 +14 59.2	19.5	-0.88	- 5.1	0.8/11.1	77851
2005 JU ₁₀₀	2007 11 11.6	03 05.48 +14 24.8	19.5	-0.93	- 6.6	1.1/11.0	26747
2004 FF ₁₃₇	2007 11 11.7	03 05.49 +03 29.9	19.7	-0.93	+ 1.1	3.8/09.2	66354
2000 WE ₇₆	2007 11 11.7	03 05.55 +20 35.9	19.3	-1.09	- 2.5	1.5/12.4	26583
2004 BN ₅₈	2007 11 11.7	03 05.55 +03 20.5	19.5	-0.87	- 4.5	5.0/08.3	26705
2005 JJ ₂₇	2007 11 11.7	03 05.56 +11 27.8	19.2	-0.96	+ 0.1	1.9/10.7	26746
2003 YO ₁₅₄	2007 11 11.7	03 05.58 +16 09.1	19.3	-0.99	+ 0.1	0.4/11.5	26702
2005 ER ₅₃	2007 11 11.7	03 05.60 +23 31.5	20.1	-1.03	- 2.9	2.1/13.0	17538
2005 AX ₆₈	2007 11 11.7	03 05.62 +26 28.0	19.4	-1.09	- 3.2	3.3/13.7	26723
2001 UR ₄₂	2007 11 11.7	03 05.62 +25 02.0	20.2	-0.94	- 0.5	2.1/13.2	04179
2001 HO ₆	2007 11 11.7	03 05.70 +13 05.6	20.6	-0.95	- 2.8	1.5/10.9	26590
2002 ER ₆₆	2007 11 11.7	03 05.81 +27 29.5	20.4	-1.22	- 2.2	4.2/13.7	26614
2000 DC ₄	2007 11 11.7	03 05.82 -06 40.4	19.7	-0.86	- 2.6	7.5/06.2	04131
2002 JA ₁₀₂	2007 11 11.7	03 05.83 +20 55.0	18.5	-1.05	-14.8	1.4/12.8	26622
2002 QJ ₂₄	2007 11 11.7	03 05.87 -06 04.4	18.9	-0.81	- 5.1	9.0/05.9	26631
2006 QF ₁₀₅	2007 11 11.7	03 05.88 +31 06.3	19.7	-0.90	- 3.8	4.2/15.1	26772
2005 LJ ₅	2007 11 11.8	03 05.81 -03 14.9	19.1	-0.85	+ 0.8	5.9/08.0	26748
2003 WT ₉₁	2007 11 11.8	03 05.82 +11 54.7	18.9	-1.00	- 0.5	2.6/10.8	26692
2004 CL ₂₀	2007 11 11.8	03 05.82 +49 42.2	20.4	-1.15	- 2.6	8.1/20.4	11026
2002 WQ ₈	2007 11 11.8	03 05.83 +08 14.7	18.8	-0.88	- 0.7	2.9/10.0	26652
2002 QW ₁₀₉	2007 11 11.8	03 05.85 +10 56.0	20.1	-0.91	- 4.0	2.5/10.4	12257
1995 OR ₂	2007 11 11.8	03 05.87 +25 37.5	20.6	-0.85	- 5.2	2.5/13.9	26867
2000 TP ₅₂	2007 11 11.8	03 05.88 +22 47.4	20.0	-1.22	- 0.8	2.1/12.8	26580
2005 JZ	2007 11 11.8	03 05.96 +13 45.5	20.4	-0.90	0.0	1.0/11.1	77878
2006 EZ ₁₆	2007 11 11.8	03 05.96 +28 02.0	19.4	-1.31	- 1.8	4.4/13.9	26756
2004 EX ₉₇	2007 11 11.8	03 05.96 +07 02.9	21.9	-0.83	- 4.2	3.3/09.4	66346
2001 TX ₂₅₇	2007 11 11.8	03 05.97 +18 39.1	19.4	-0.92	- 0.2	0.4/12.1	25839
2000 GL ₁₃₇	2007 11 11.8	03 05.98 +22 11.3	19.6	-1.10	+ 0.9	1.6/12.6	26570
2004 CV ₇₃	2007 11 11.8	03 06.00 +05 52.7	20.2	-0.80	- 2.0	3.2/09.4	26708
2006 MV ₅	2007 11 11.8	03 06.06 +08 35.1	19.5	-0.91	- 2.1	3.0/10.0	26770
2002 EG ₁₅₂	2007 11 11.8	03 06.07 +27 15.7	21.1	-1.15	- 3.0	3.5/13.9	61223
2007 TO ₁₀₃	2007 11 11.8	03 06.07 +13 54.9	20.2	-0.79	- 4.0	1.1/11.0	26541
2007 TN ₁₀₃	2007 11 11.8	03 06.08 +09 07.7	19.2	-0.84	-12.8	3.0/09.3	26541
2004 FG ₁₂	2007 11 11.8	03 06.08 +29 17.4	20.5	-0.89	- 3.4	3.0/14.6	87622
2002 JP ₅₆	2007 11 11.8	03 06.11 +17 08.9	20.7	-1.06	- 3.2	0.1/11.8	26622
2001 SK ₂₅₈	2007 11 11.8	03 06.11 +30 56.7	20.7	-0.94	- 2.9	4.1/14.9	10801
2001 YP ₁₄₉	2007 11 11.8	03 06.11 +15 44.8	18.8	-0.82	- 0.6	0.5/11.5	26606
2001 SQ ₁₀₁	2007 11 11.8	03 06.12 +37 00.7	20.6	-1.07	- 0.8	6.0/16.1	23733
2000 SR ₁₅₇	2007 11 11.8	03 06.13 +13 52.9	19.5	-1.05	- 7.2	1.4/11.0	26577
2001 OM ₉₃	2007 11 11.8	03 06.24 +16 11.0	19.4	-0.91	- 2.1	0.4/11.6	26592
2000 CU ₁₅	2007 11 11.8	03 06.26 -09 16.1	19.2	-0.91	- 2.0	10.3/05.6	24302
2005 NW ₂₀	2007 11 11.8	03 06.26 +14 58.3	19.8	-0.84	- 1.6	0.7/11.4	89687
2002 TR ₉₈	2007 11 11.8	03 06.26 +21 51.1	20.1	-0.95	- 3.0	1.6/12.8	21786
2001 UA ₁₀₅	2007 11 11.8	03 06.28 +13 57.0	19.5	-0.81	- 3.5	1.2/11.1	26603

2001 UL ₈₅	2007 11 11.9	03 06.21 +12 56.9	20.4	-0.80	- 4.6	1.5/10.8	25839
2004 BL ₆	2007 11 11.9	03 06.24 +17 59.0	19.6	-0.89	- 4.9	0.2/12.0	86223
2002 XV ₅₉	2007 11 11.9	03 06.24 +31 03.8	19.5	-0.96	- 2.4	4.2/14.9	26654
2005 EU ₁₈₀	2007 11 11.9	03 06.25 +04 14.1	19.7	-0.96	- 5.4	5.9/08.8	76939
2004 FW ₂₄	2007 11 11.9	03 06.26 +36 21.2	19.6	-0.98	- 2.7	5.7/16.3	11043
2007 QY ₁₁	2007 11 11.9	03 06.28 +29 24.8	18.0	-1.27	+ 1.9	5.4/13.9	26783
2000 SV ₆₀	2007 11 11.9	03 06.31 +06 51.0	18.3	-0.96	- 5.6	5.0/09.4	26576
2005 JZ ₅₁	2007 11 11.9	03 06.33 +12 54.5	20.5	-0.79	- 4.2	1.3/10.9	26746
2001 VC ₁	2007 11 11.9	03 06.35 +10 00.9	18.7	-1.17	+ 5.7	2.7/11.1	33944
2005 ET ₂₆₃	2007 11 11.9	03 06.38 +22 52.0	19.5	-1.08	- 4.9	2.3/13.1	86667
2005 GB ₁₀₂	2007 11 11.9	03 06.40 +13 00.0	21.4	-0.88	- 3.9	1.4/10.9	77125
2006 FQ ₁	2007 11 11.9	03 06.46 -11 55.0	20.6	-0.87	- 6.9	9.0/04.2	01500
2003 XZ ₂₅	2007 11 11.9	03 06.49 +16 10.6	19.0	-0.90	- 9.3	0.5/11.6	26697
2005 JL ₆₉	2007 11 11.9	03 06.51 -04 03.3	21.3	-0.75	- 4.4	6.0/06.6	09239
2003 SY ₃₃	2007 11 11.9	03 06.51 +18 09.4	19.0	-1.12	- 2.5	0.3/12.1	26667
2003 WJ ₁₂₈	2007 11 11.9	03 06.52 +21 06.7	20.0	-1.00	- 6.4	1.3/12.8	57365
2005 KA ₉	2007 11 11.9	03 06.53 +11 48.5	20.8	-0.79	- 3.1	1.5/10.7	26748
2002 EZ ₁₁₁	2007 11 11.9	03 06.54 +17 40.6	20.8	-1.07	- 3.6	0.1/12.0	00212
2001 SO ₁₆₆	2007 11 11.9	03 06.61 +32 52.5	19.3	-1.02	- 0.2	5.5/15.0	26599
2003 YM ₁₂₉	2007 11 11.9	03 06.63 +42 26.8	18.3	-1.03	- 0.4	12.5/17.9	23969
1998 HM ₂₁	2007 11 11.9	03 06.64 +20 19.0	19.6	-1.08	- 3.5	1.1/12.6	26552
2006 JA ₄₃	2007 11 11.9	03 06.66 +12 37.1	21.1	-1.03	- 6.9	1.9/10.8	26766
2002 TK ₃₅₃	2007 11 11.9	03 06.69 +12 22.9	20.5	-0.88	- 6.3	1.8/10.7	10931
2002 JD ₁₀₃	2007 11 12.0	03 06.68 +12 33.8	21.0	-1.00	- 4.2	1.7/10.9	89292
2005 MG ₁₄	2007 11 12.0	03 06.75 +02 09.3	20.2	-0.92	- 4.2	5.2/08.4	26748
2002 TO ₃₆₄	2007 11 12.0	03 06.77 +03 32.6	20.3	-0.81	- 5.3	5.3/08.6	26647
2002 PU ₁₈₀	2007 11 12.0	03 06.79 +15 17.0	21.6	-0.94	- 5.6	0.7/11.5	26630
2005 EO ₁₀₃	2007 11 12.0	03 06.82 +28 34.3	19.4	-1.17	- 0.8	5.2/14.1	22787
2002 JC ₂₁	2007 11 12.0	03 06.86 +21 27.6	19.0	-1.02	- 6.5	1.5/13.0	26621
2003 YC ₁₁₁	2007 11 12.0	03 06.92 +06 52.2	20.4	-0.90	- 2.2	3.9/09.9	76340
2004 CO ₁₁₅	2007 11 12.0	03 06.95 +11 08.1	19.5	-0.89	- 0.5	1.8/10.9	26709
2005 EZ ₂₆₈	2007 11 12.0	03 06.98 +16 10.7	19.0	-0.96	- 2.7	0.5/11.8	26739
2005 EB ₁₀₁	2007 11 12.0	03 07.01 +28 03.0	20.9	-1.05	- 1.3	3.1/14.2	89633
2005 EW ₁₃	2007 11 12.0	03 07.03 +20 23.2	20.0	-1.13	- 2.6	1.2/12.6	26729
2005 BU ₁₁	2007 11 12.0	03 07.03 +16 24.8	20.2	-1.06	- 4.3	0.4/11.8	04313
2002 XM ₅₅	2007 11 12.1	03 07.02 +17 39.0	18.9	-0.82	- 5.6	0.0/12.1	26654
2003 WZ ₁₁₆	2007 11 12.1	03 07.04 +21 29.3	18.5	-1.06	- 2.7	1.5/12.9	26694
1999 XZ ₈₄	2007 11 12.1	03 07.04 +33 08.0	17.8	-0.91	-10.2	7.2/16.8	24299
2006 KC ₈₉	2007 11 12.1	03 07.05 -03 50.9	21.5	-0.94	- 1.0	6.9/08.1	01831
2001 CF ₂₅	2007 11 12.1	03 07.07 +17 58.1	19.2	-1.05	- 3.4	0.2/12.2	26587
2004 CY ₈₃	2007 11 12.1	03 07.12 +11 40.3	19.7	-0.83	- 3.8	1.9/10.8	26709
2002 GV ₆₉	2007 11 12.1	03 07.12 +11 26.3	20.1	-1.00	- 4.8	2.2/10.8	85482
2006 KO ₃₂	2007 11 12.1	03 07.13 +15 35.9	20.9	-1.04	- 4.4	0.7/11.7	26768
2004 EX ₄₇	2007 11 12.1	03 07.14 +21 55.2	20.5	-0.87	- 2.8	1.3/13.1	08954
2002 OK ₁₃	2007 11 12.1	03 07.17 -02 16.8	19.1	-0.84	- 5.0	7.8/07.4	26626
2007 PY ₂₅	2007 11 12.1	03 07.21 +05 00.9	17.6	-0.80	- 2.8	6.3/09.4	26320
2001 TJ ₁₁₈	2007 11 12.1	03 07.24 +30 04.9	17.9	-0.86	- 9.9	4.2/15.8	26601
2005 JX ₂₈	2007 11 12.1	03 07.24 +07 32.3	21.5	-0.79	- 4.9	2.9/09.7	09225
2004 DS ₂₅	2007 11 12.1	03 07.29 +27 22.4	20.4	-0.94	- 1.5	2.9/14.2	11033
2001 SV ₂₄₁	2007 11 12.1	03 07.30 +11 36.2	19.2	-0.78	- 4.4	2.0/10.8	03227
2002 PC ₅₇	2007 11 12.1	03 07.32 +33 09.1	19.2	-1.08	- 3.9	5.2/16.0	26627

2002 VN ₁₅	2007 11 12.1	03 07.34 +05 41.0 17.9	-0.72	- 7.1	5.4/08.8	26649
2006 PB ₃₁	2007 11 12.1	03 07.37 +03 30.9 20.4	-0.76	- 3.5	4.1/08.9	26771
2002 CP ₄₃	2007 11 12.1	03 07.40 +26 54.4 19.7	-1.17	- 4.3	3.5/14.2	26609
2006 JB ₅₇	2007 11 12.1	03 07.43 -12 41.6 18.4	-1.13	+ 6.4	11.8/09.2	26766
2005 ED ₉₉	2007 11 12.1	03 07.44 +19 06.2 19.8	-1.01	- 5.3	0.7/12.5	26733
2000 BT ₂₆	2007 11 12.1	03 07.45 +11 49.3 19.6	-0.95	- 3.5	2.0/10.9	26567
2005 EW ₆₄	2007 11 12.1	03 07.49 +17 49.9 19.8	-1.07	- 3.4	0.1/12.2	26732
2002 RZ ₂₆₂	2007 11 12.1	03 07.50 +06 09.3 20.6	-0.84	- 6.4	3.7/09.3	08386
2005 ED ₉₃	2007 11 12.1	03 07.53 +20 59.4 18.5	-1.15	+ 1.1	1.3/12.8	26733
2002 PE ₁₇₃	2007 11 12.2	03 07.48 +37 40.5 19.1	-1.23	+ 0.4	7.9/16.2	26630
2003 AU ₈₁	2007 11 12.2	03 07.55 +51 34.6 19.3	-2.01	+ 3.1	15.7/17.8	70354
2002 TY ₁₈₂	2007 11 12.2	03 07.58 +29 40.8 20.0	-1.07	- 3.5	4.0/15.0	02136
2002 GL ₅₁	2007 11 12.2	03 07.59 +15 31.6 21.4	-1.04	- 3.9	0.7/11.8	22402
2002 QS ₅₅	2007 11 12.2	03 07.62 +24 37.0 20.4	-1.01	- 3.1	2.3/13.8	26631
2004 BB ₃₃	2007 11 12.2	03 07.66 +34 45.3 21.2	-0.91	- 3.4	4.3/16.4	87606
2001 TH ₁₃₂	2007 11 12.2	03 07.67 +18 04.2 19.3	-0.97	+ 1.1	0.2/12.3	26601
2002 QO ₁₆	2007 11 12.2	03 07.75 +07 44.8 19.1	-0.88	- 5.8	3.7/09.9	26630
2001 FK ₁₄₅	2007 11 12.2	03 07.76 +11 16.0 19.9	-1.00	- 2.0	2.1/11.0	26590
2002 AH ₂₀₁	2007 11 12.2	03 07.77 +21 46.4 18.0	-1.03	- 6.8	2.1/13.3	26608
2001 DP ₈₇	2007 11 12.2	03 07.80 -22 36.2 20.0	-0.86	- 3.8	10.4/01.3	10762
2002 GR ₁₄	2007 11 12.2	03 07.84 +21 06.1 19.4	-1.14	- 2.3	1.3/13.0	26617
2005 EP ₂₉	2007 11 12.2	03 07.85 +16 19.8 20.4	-0.92	- 2.5	0.4/12.0	26730
2001 TT ₅₅	2007 11 12.2	03 07.88 +16 46.2 19.9	-0.84	- 5.8	0.3/12.1	23801
2005 JT ₅₂	2007 11 12.2	03 07.88 +07 46.0 20.8	-0.85	- 1.1	2.9/10.3	89663
2002 CE ₃₃	2007 11 12.2	03 07.90 +21 04.0 20.3	-1.16	- 2.5	1.3/13.0	26609
2005 EU ₂₄	2007 11 12.2	03 07.91 +23 27.3 20.5	-0.96	- 2.1	1.7/13.5	09121
2002 GO ₉₁	2007 11 12.3	03 07.83 +07 19.5 19.5	-1.06	- 2.1	4.1/10.3	26618
2005 EK ₁₀₀	2007 11 12.3	03 07.88 +20 00.7 20.8	-1.08	- 3.5	0.9/12.8	77832
2005 EB ₈₇	2007 11 12.3	03 07.96 +19 18.9 20.4	-1.06	- 3.6	0.7/12.7	26733
2002 RJ ₁₂₇	2007 11 12.3	03 07.97 +26 12.5 18.7	-0.93	- 9.2	3.2/14.7	26636
2003 XC ₂₄	2007 11 12.3	03 07.99 +17 02.1 19.3	-0.99	- 4.5	0.2/12.2	26697
2003 WQ ₁₃₅	2007 11 12.3	03 08.00 +16 56.1 18.1	-0.90	- 4.4	0.3/12.2	26694
2003 UR ₂₆₄	2007 11 12.3	03 08.03 +07 11.5 19.0	-0.96	- 3.2	4.4/10.2	26687
2001 TS ₂₀₃	2007 11 12.3	03 08.06 +09 46.0 18.4	-0.91	+ 0.2	2.7/11.0	26602
1999 XZ ₆₉	2007 11 12.3	03 08.19 +09 53.2 20.5	-0.99	- 2.7	2.3/10.8	26563
2007 RP ₁₄₂	2007 11 12.3	03 08.24 +09 33.0 18.1	-0.84	- 4.8	4.1/10.5	26799
2001 TK ₁₄₃	2007 11 12.3	03 08.26 +16 17.8 19.7	-0.88	- 1.0	0.4/12.1	26601
2002 EZ ₈₇	2007 11 12.3	03 08.33 +09 39.3 19.5	-1.01	- 4.6	3.0/10.7	26615
2003 YQ ₁₄₉	2007 11 12.4	03 08.30 +18 12.0 18.2	-1.09	+ 1.9	0.2/12.5	26702
2004 DW ₄₂	2007 11 12.4	03 08.32 +20 21.5 19.8	-0.82	- 5.9	0.8/13.1	25994
2000 YK ₁₁₃	2007 11 12.4	03 08.33 +06 47.1 19.3	-1.03	- 1.9	4.4/10.3	26585
2006 HH ₉₀	2007 11 12.4	03 08.36 +42 41.4 20.0	-1.03	- 4.2	6.8/19.1	11170
2004 RD ₂₄₉	2007 11 12.4	03 08.42 +20 12.4 18.3	-1.14	-18.9	1.1/13.2	26714
2001 SJ ₂₈₈	2007 11 12.4	03 08.46 +03 32.1 19.1	-0.86	- 0.4	4.8/09.8	26600
1998 SG ₁₇₆	2007 11 12.4	03 08.49 +13 45.0 19.2	-0.78	- 4.9	1.9/11.5	26554
2003 PB ₁₀	2007 11 12.4	03 08.53 +21 47.8 19.0	-1.08	- 4.6	1.9/13.4	26660
2002 JP ₂₉	2007 11 12.4	03 08.53 +13 38.0 21.0	-1.02	- 3.0	1.3/11.6	26621
2002 CP ₁₁₉	2007 11 12.4	03 08.56 +15 33.0 20.1	-1.09	- 5.6	0.8/12.0	26610
2001 RN ₁₁₃	2007 11 12.4	03 08.57 +07 32.1 18.3	-0.81	- 3.8	3.8/10.1	10789
2001 QY ₁₁₃	2007 11 12.4	03 08.60 +24 50.3 20.2	-0.87	- 5.4	2.2/14.2	26594
1998 SJ ₅₄	2007 11 12.4	03 08.67 +34 22.7 18.9	-1.16	- 1.1	6.2/16.0	26553

2002 PU ₁₁₂	2007 11 12.4	03 08.69 +06 56.6 20.0	-0.92	- 5.2	4.1/10.1	00312
2004 CP ₈	2007 11 12.4	03 08.71 +02 34.4 20.0	-0.84	- 2.2	4.9/09.3	26707
2005 ED ₁	2007 11 12.4	03 08.73 +22 27.7 21.3	-0.99	- 3.6	1.5/13.5	04315
2006 OB ₁₂	2007 11 12.4	03 08.73 +56 11.4 20.9	-1.32	- 1.7	9.8/23.3	11175
2001 QO ₁₃₃	2007 11 12.5	03 08.65 +22 40.7 19.0	-0.85	- 5.7	1.6/13.8	26594
2006 FM ₃₅	2007 11 12.5	03 08.65 +40 34.8 19.9	-1.84	+ 4.1	10.5/15.4	22815
2003 SW ₂₇₇	2007 11 12.5	03 08.67 +21 39.9 19.0	-1.00	- 8.0	1.8/13.5	26674
2003 WU ₁₂₉	2007 11 12.5	03 08.72 +11 46.2 18.9	-1.09	+ 1.2	2.1/11.6	26694
2004 EE ₈₂	2007 11 12.5	03 08.78 +22 13.8 20.4	-0.93	- 0.4	1.4/13.4	95188
2004 AF ₃	2007 11 12.5	03 08.78 +34 58.7 19.1	-1.06	- 3.2	6.2/16.4	26703
2001 SM ₁₇₃	2007 11 12.5	03 08.81 +14 56.1 19.4	-0.82	- 3.0	1.0/11.9	26599
2001 WK ₂₃	2007 11 12.5	03 08.85 +12 37.5 21.6	-0.79	- 6.0	1.4/11.3	23121
2005 EG ₇₆	2007 11 12.5	03 08.90 +19 02.9 20.5	-0.99	- 4.0	0.5/12.9	09128
2006 HQ ₆₃	2007 11 12.5	03 08.92 +15 42.2 20.9	-1.14	- 3.0	0.8/12.2	26762
2005 ER ₁₀₉	2007 11 12.5	03 08.92 -01 43.2 20.5	-0.85	- 3.9	6.0/08.2	89633
2004 FG ₄₁	2007 11 12.5	03 08.93 +38 49.1 20.4	-1.01	- 1.3	5.8/17.2	14103
2003 WN ₁₂₆	2007 11 12.5	03 08.93 +06 35.8 19.3	-0.97	- 1.9	3.3/10.3	26694
2005 EO ₈₈	2007 11 12.5	03 08.95 +06 00.3 18.7	-0.86	- 7.4	4.8/09.6	26733
2004 EQ ₁₃	2007 11 12.5	03 08.96 +09 18.8 21.0	-0.79	- 2.9	2.3/10.7	86343
2002 UL ₉	2007 11 12.5	03 08.98 +41 11.5 17.9	-0.94	- 8.1	9.8/20.0	41839
2003 SS ₁₃₅	2007 11 12.5	03 09.05 +17 43.0 18.9	-1.01	- 2.3	0.0/12.6	26669
2005 GF ₁₂₃	2007 11 12.5	03 09.07 +16 53.8 19.2	-0.99	+ 0.5	0.3/12.5	09197
2003 SS ₁₀₄	2007 11 12.5	03 09.09 +27 47.5 19.3	-1.15	- 2.4	4.3/14.7	26669
2002 UV ₂₉	2007 11 12.5	03 09.10 +16 41.0 20.7	-0.88	- 3.9	0.3/12.4	02139
2001 PS ₃₁	2007 11 12.5	03 09.12 +43 44.8 18.4	-0.99	- 8.6	9.3/21.0	49925
2005 EP ₁₅₄	2007 11 12.5	03 09.14 +34 56.5 18.8	-1.28	+ 1.7	6.9/15.4	14148
2000 WV ₂₈	2007 11 12.6	03 09.07 +19 37.5 19.2	-1.06	- 6.7	0.9/13.1	26582
2006 UO ₂₉₆	2007 11 12.6	03 09.08 +16 13.0 21.7	-0.80	- 3.3	0.4/12.3	26773
2001 SM ₂₃₄	2007 11 12.6	03 09.09 +12 08.4 18.1	-0.79	- 4.0	2.2/11.3	26600
2002 NP ₄₅	2007 11 12.6	03 09.14 +08 00.4 20.1	-0.95	- 3.4	3.3/10.6	26625
2004 BJ ₂₅	2007 11 12.6	03 09.14 +34 08.4 18.9	-1.00	- 5.2	6.1/16.8	26704
2003 SU ₁₅	2007 11 12.6	03 09.15 +13 59.0 19.2	-1.00	- 4.4	1.6/11.8	26666
2000 BB ₃₇	2007 11 12.6	03 09.21 +18 34.4 19.5	-0.95	- 3.6	0.3/12.8	21537
2002 HC ₁₄	2007 11 12.6	03 09.25 +14 14.4 21.2	-1.07	- 1.6	1.1/12.0	18010
2003 YB ₁₅	2007 11 12.6	03 09.26 +10 27.7 19.5	-1.09	+ 1.9	2.9/11.5	76296
2006 HG ₁₈	2007 11 12.6	03 09.27 +10 53.6 20.0	-1.14	- 2.2	2.6/11.4	26760
2003 YF ₃	2007 11 12.6	03 09.32 -05 15.4 19.9	-1.03	+ 2.3	7.3/09.0	76290
2004 RL ₂₂₄	2007 11 12.6	03 09.33 +49 20.6 18.8	-1.96	+ 7.5	16.2/15.7	74352
1998 AW ₄	2007 11 12.6	03 09.35 -06 44.9 20.1	-0.77	- 2.1	6.5/07.0	77363
2000 US ₇₅	2007 11 12.6	03 09.36 +04 58.7 18.6	-0.79	-10.8	6.4/09.0	25815
2005 GE ₁₀₆	2007 11 12.6	03 09.37 +16 38.1 19.5	-0.97	- 1.6	0.4/12.5	26743
2005 JE ₂₉	2007 11 12.6	03 09.38 +08 06.0 19.9	-0.74	- 6.1	2.6/10.2	26746
2001 BC ₃₈	2007 11 12.6	03 09.42 +05 51.2 19.7	-0.98	- 3.2	4.5/10.2	26586
2001 SM ₁₆₉	2007 11 12.6	03 09.43 +12 57.1 20.0	-0.84	- 2.0	1.4/11.7	26599
2001 PQ ₃₂	2007 11 12.6	03 09.45 +07 38.2 19.6	-0.90	- 0.1	3.4/10.9	26593
2002 GT ₁₀₉	2007 11 12.6	03 09.46 -01 22.2 19.4	-1.09	+ 0.4	8.3/09.3	26619
2002 EL ₉₃	2007 11 12.6	03 09.47 +24 07.7 19.9	-1.13	- 3.3	2.3/14.0	26615
2006 KR ₃₈	2007 11 12.6	03 09.51 +22 58.8 20.3	-1.14	- 4.5	2.0/13.8	09571
1999 TN ₅₁	2007 11 12.6	03 09.53 +20 44.4 20.2	-1.02	- 5.1	1.2/13.4	26557
2003 SD ₂₉₈	2007 11 12.6	03 09.54 +36 16.7 19.3	-1.24	- 6.0	7.5/17.5	26675
2003 QW ₁₀₅	2007 11 12.6	03 09.62 +50 40.3 20.1	-1.67	- 0.5	11.0/20.2	00496

2004 DF ₆₃	2007 11 12.7	03 09.47 +13 54.2 19.5	-0.88 - 2.7	1.3/11.9	26711
2005 FJ ₁₁	2007 11 12.7	03 09.50 +07 28.2 20.2	-0.90 - 1.1	3.3/10.7	09167
2003 SU ₂₆₄	2007 11 12.7	03 09.54 +13 08.6 20.5	-1.03 - 3.4	1.8/11.8	90188
2001 RD ₇₂	2007 11 12.7	03 09.55 +12 21.3 18.9	-0.80 - 7.6	1.8/11.3	25831
2003 CF ₁₅	2007 11 12.7	03 09.56 +04 15.7 19.0	-0.77 - 2.1	4.0/09.8	25905
2003 QB ₅₇	2007 11 12.7	03 09.59 +22 20.1 18.8	-1.12 - 3.1	2.0/13.7	26663
2003 QW ₅₉	2007 11 12.7	03 09.62 +25 58.2 19.9	-1.21 - 2.2	3.1/14.3	18057
2000 AQ ₃₀	2007 11 12.7	03 09.65 +41 05.6 18.7	-1.13 - 5.1	9.2/18.8	57737
2005 GK ₁₂	2007 11 12.7	03 09.67 +16 30.6 20.6	-0.91 - 3.1	0.4/12.5	04325
2002 EZ ₁	2007 11 12.7	03 09.67 +22 06.5 19.8	-1.15 - 3.8	1.7/13.7	26613
2005 GV ₂₇	2007 11 12.7	03 09.68 +23 40.8 20.6	-0.93 - 3.8	1.8/14.1	11091
2006 PK ₃₂	2007 11 12.7	03 09.70 +36 26.8 20.1	-1.00 - 1.7	5.3/16.9	11181
2004 EN ₆₆	2007 11 12.7	03 09.72 +03 04.9 20.9	-0.79 - 1.3	3.6/09.7	04300
2000 KB ₄₅	2007 11 12.7	03 09.76 +03 27.7 20.1	-0.88 - 0.1	4.3/10.2	26572
2001 RO ₁₄₈	2007 11 12.7	03 09.80 +24 42.4 19.1	-0.97 - 0.9	2.3/14.1	26597
2003 SS ₅₆	2007 11 12.7	03 09.80 +20 18.2 20.2	-1.06 - 5.3	1.0/13.3	26667
2003 QH	2007 11 12.7	03 09.82 +29 09.4 19.7	-1.15 - 4.7	4.8/15.4	08722
2003 SG ₂₇₄	2007 11 12.7	03 09.83 +07 58.5 18.8	-0.91 - 5.7	4.3/10.5	26674
1999 VV ₃₁	2007 11 12.7	03 09.86 +18 22.5 18.3	-1.07 - 0.3	0.3/12.9	26560
2004 FZ ₄₈	2007 11 12.7	03 09.89 +27 22.2 20.7	-0.86 - 3.0	2.6/15.0	11045
2003 SY ₂₀₅	2007 11 12.7	03 09.90 +29 46.8 20.1	-1.10 - 5.7	5.4/16.0	97678
2000 EX ₁₆₄	2007 11 12.7	03 09.95 +18 55.6 20.3	-0.96 - 3.4	0.4/13.1	26569
2004 YK ₂₃	2007 11 12.7	03 09.97 +25 06.0 20.6	-1.09 - 4.8	2.7/14.4	76577
2003 YK ₅₈	2007 11 12.8	03 09.90 +10 27.6 19.0	-0.96 - 2.5	2.7/11.3	26700
2000 AW ₂₄₆	2007 11 12.8	03 09.92 +12 20.5 19.9	-0.96 - 3.3	1.9/11.7	26567
2001 SF ₃₀₆	2007 11 12.8	03 09.96 +26 02.9 20.3	-0.92 - 1.8	2.6/14.5	26600
2005 EX ₈₂	2007 11 12.8	03 09.97 +23 17.8 21.2	-1.00 - 3.8	1.8/14.0	95652
2002 JB ₁₀₄	2007 11 12.8	03 09.97 +11 27.3 19.7	-1.02 - 3.7	2.4/11.5	26622
2003 QT ₅₀	2007 11 12.8	03 09.98 +21 46.3 18.4	-1.08 - 1.1	1.9/13.6	26663
2002 GS ₈₂	2007 11 12.8	03 10.01 +01 07.1 20.6	-0.95 - 4.8	5.9/09.2	00237
2006 PP ₁₅	2007 11 12.8	03 10.08 +17 01.7 20.2	-0.81 - 2.8	0.2/12.7	26771
2006 KW ₁₅	2007 11 12.8	03 10.09 +02 06.5 20.8	-1.06 - 2.4	5.9/09.8	22819
2005 DF ₁	2007 11 12.8	03 10.13 +07 53.8 19.7	-0.95 - 4.7	3.5/10.7	26729
2005 AG ₆₈	2007 11 12.8	03 10.17 +24 12.6 20.4	-1.07 - 5.2	2.3/14.3	26723
2001 PN ₄₀	2007 11 12.8	03 10.21 +19 03.1 17.9	-0.79 - 7.7	0.5/13.2	25823
2004 PK ₂₁	2007 11 12.8	03 10.25 +57 40.0 19.5	-2.20 + 3.3	18.9/20.1	11063
2006 HS ₆₉	2007 11 12.8	03 10.27 +12 27.0 20.9	-1.08 - 2.4	1.9/11.9	01688
2003 WF ₇₈	2007 11 12.8	03 10.27 +26 08.2 19.5	-1.06 - 5.2	3.1/14.8	26692
2004 YW ₂₃	2007 11 12.8	03 10.28 +07 54.5 19.7	-1.07 - 3.0	4.0/10.9	26720
2005 EU ₉₃	2007 11 12.8	03 10.29 +01 46.1 19.4	-0.99 + 0.4	5.6/10.1	26733
2004 HO ₅₃	2007 11 12.8	03 10.30 +01 06.4 20.6	-0.87 - 0.3	4.6/09.6	65768
2002 TR ₁₁	2007 11 12.8	03 10.31 +08 13.0 19.7	-0.90 - 3.3	3.3/10.9	26641
2001 SQ ₃₁₇	2007 11 12.8	03 10.32 +31 28.7 20.2	-1.06 - 0.2	4.2/16.0	04171
2005 GZ ₁₅₁	2007 11 12.8	03 10.34 +25 01.2 20.0	-1.07 - 1.0	2.5/14.2	77153
2001 UF ₁₃₇	2007 11 12.8	03 10.34 +11 40.3 19.6	-0.78 - 5.1	1.9/11.4	26603
1998 RZ ₂₄	2007 11 12.9	03 10.28 +43 29.6 19.1	-1.21 - 2.2	11.6/19.5	68524
2003 QX ₅₀	2007 11 12.9	03 10.29 +13 30.3 20.5	-1.07 - 3.2	1.6/12.1	10980
2000 YK ₁₂₆	2007 11 12.9	03 10.32 +01 17.7 19.3	-1.00 - 0.3	5.4/09.9	04144
2005 AK ₁₂	2007 11 12.9	03 10.33 +25 38.9 19.0	-1.13 - 3.1	3.7/14.5	26016
2005 EB ₁₆₄	2007 11 12.9	03 10.43 +12 38.0 19.4	-1.02 - 4.9	2.2/11.8	26736
2005 EQ ₇₁	2007 11 12.9	03 10.46 +13 43.9 19.4	-1.10 - 1.7	1.7/12.2	09127

2001 QU ₅₂	2007 11 12.9	03 10.49 +11 29.7 19.0	-0.82 - 4.4	2.4/11.5	26593
2002 TT ₃₂₂	2007 11 12.9	03 10.52 +30 21.8 21.3	-1.08 - 1.3	4.2/15.5	20294
2000 QE ₁₇₄	2007 11 12.9	03 10.54 +30 09.0 18.2	-0.97 - 5.8	6.8/16.2	25803
2001 KD ₁₀	2007 11 12.9	03 10.54 +17 01.6 19.5	-0.89 - 7.1	0.2/12.8	26591
2002 YK ₃₅	2007 11 12.9	03 10.54 +24 35.9 18.8	-0.84 - 7.6	2.3/14.8	26655
2003 YN ₁₄₇	2007 11 12.9	03 10.54 +17 11.5 17.9	-1.18 + 3.9	0.2/12.9	26702
2004 EP ₆₀	2007 11 12.9	03 10.55 +14 18.8 20.4	-0.83 - 3.3	1.0/12.2	26711
2004 BT ₇₁	2007 11 12.9	03 10.59 +07 25.8 19.8	-0.88 - 5.0	3.8/10.5	21808
2002 NU ₁₁	2007 11 12.9	03 10.60 +03 27.3 20.4	-0.95 - 1.7	5.3/10.2	00286
2004 DH ₆₀	2007 11 12.9	03 10.61 +23 27.5 20.3	-0.85 - 3.3	1.6/14.2	11035
2001 DC ₁	2007 11 12.9	03 10.66 -21 55.9 22.9	-0.87 - 2.5	9.9/03.0	48010
2004 CA ₂₄	2007 11 12.9	03 10.68 +00 10.3 19.5	-0.80 - 6.7	5.9/08.3	26708
2005 EW ₂₁₈	2007 11 12.9	03 10.69 +03 28.7 21.3	-0.86 - 3.1	4.1/09.9	76972
2002 QH ₃₃	2007 11 12.9	03 10.71 +14 22.4 20.7	-0.95 - 2.9	1.1/12.3	10892
2001 SF ₃₂	2007 11 12.9	03 10.72 +15 24.7 20.1	-0.83 - 3.0	0.7/12.5	26598
2002 PR ₉₄	2007 11 12.9	03 10.75 -01 48.6 19.7	-0.91 - 1.8	6.7/09.0	02114
2006 GK ₁₂	2007 11 13.0	03 10.69 +14 21.5 21.0	-1.10 - 3.4	1.3/12.3	11166
2003 YJ ₁₃₄	2007 11 13.0	03 10.71 +17 07.7 19.5	-1.01 - 0.2	0.2/12.9	26702
2005 ED ₄₈	2007 11 13.0	03 10.79 +20 22.3 19.2	-1.00 - 3.8	1.0/13.6	76801
2002 GE ₁₇₁	2007 11 13.0	03 10.79 +21 09.5 19.9	-1.06 - 4.7	1.2/13.8	26620
2002 PT ₃₅	2007 11 13.0	03 10.83 +13 57.5 19.4	-0.93 - 4.3	1.4/12.2	26627
2005 EJ ₁₂₆	2007 11 13.0	03 10.93 +03 25.6 19.9	-0.93 - 0.8	4.6/10.4	04320
2006 GV ₁₂	2007 11 13.0	03 10.95 +16 41.3 18.9	-1.19 - 1.6	0.5/12.9	26758
2000 DM ₁₀	2007 11 13.0	03 11.10 +19 16.1 20.4	-0.93 - 3.8	0.5/13.4	26568
1999 HY ₄	2007 11 13.0	03 11.12 +22 17.6 20.4	-0.85 - 2.2	1.2/14.0	26555
2005 ER ₇₉	2007 11 13.0	03 11.16 +18 23.6 20.3	-1.05 - 1.3	0.2/13.2	26732
2005 EH ₄₅	2007 11 13.0	03 11.18 +19 34.8 20.3	-1.03 - 4.4	0.6/13.5	76796
2004 AO ₂	2007 11 13.1	03 11.10 +08 27.7 18.9	-0.89 - 2.9	3.5/11.1	26703
2004 BT ₅₆	2007 11 13.1	03 11.13 +18 11.1 20.1	-0.89 - 3.9	0.1/13.2	08866
2006 JE ₄₆	2007 11 13.1	03 11.13 +16 50.6 20.0	-0.95 - 5.5	0.3/12.9	26766
2005 EL ₁₃₉	2007 11 13.1	03 11.18 +17 37.2 19.9	-0.95 - 2.6	0.1/13.1	26735
2003 KB ₃₀	2007 11 13.1	03 11.20 +09 39.0 19.8	-1.11 - 3.9	3.4/11.5	26658
2006 QN ₁₀	2007 11 13.1	03 11.24 +01 55.7 19.6	-0.80 - 1.9	4.8/09.8	26771
2003 ST ₉₄	2007 11 13.1	03 11.26 +26 21.8 19.8	-1.07 - 6.3	3.5/15.2	25925
2005 LQ ₃₇	2007 11 13.1	03 11.26 +12 21.2 20.7	-0.77 - 6.1	1.6/11.8	14174
2004 CE ₁₉	2007 11 13.1	03 11.26 +11 57.4 20.6	-0.89 - 3.5	2.2/11.9	69669
2006 OG ₁₇	2007 11 13.1	03 11.26 +05 35.0 19.8	-0.89 - 0.6	4.1/10.9	26771
2006 HQ ₃₈	2007 11 13.1	03 11.27 +10 57.2 20.3	-1.03 - 4.7	2.7/11.7	01654
2003 WE ₁₁₆	2007 11 13.1	03 11.27 +19 54.7 18.2	-1.06 - 0.7	0.9/13.5	26694
2003 YM ₃₃	2007 11 13.1	03 11.35 +09 56.4 18.4	-0.85 - 3.8	3.7/11.4	25978
2001 MY ₆	2007 11 13.1	03 11.36 -02 20.7 21.0	-0.93 - 2.0	6.3/08.9	74998
2006 RB ₆₇	2007 11 13.1	03 11.38 +26 44.5 20.5	-1.00 - 4.9	2.9/15.2	26192
2005 DQ ₁	2007 11 13.1	03 11.40 +21 50.8 19.4	-1.05 - 3.9	1.9/14.0	26026
2003 YG ₂₀	2007 11 13.1	03 11.41 +10 29.3 19.9	-0.92 - 1.5	2.5/11.7	26698
2007 RJ ₂₅₃	2007 11 13.1	03 11.41 +12 12.6 19.3	-0.99 - 5.2	2.8/11.9	26490
2001 FV ₁₂₄	2007 11 13.1	03 11.42 +27 34.9 19.7	-1.20 + 1.1	3.6/14.7	26590
2005 GP ₉₅	2007 11 13.1	03 11.45 +16 04.6 20.9	-1.00 - 2.6	0.6/12.8	26048
2006 JE ₁₄	2007 11 13.1	03 11.45 +18 17.1 20.6	-1.06 - 6.2	0.2/13.3	04375
2002 EL ₄₂	2007 11 13.1	03 11.51 +11 30.6 21.0	-1.02 - 4.7	2.2/11.8	52912
2006 QC ₅₆	2007 11 13.1	03 11.51 +29 54.8 20.1	-0.92 - 3.5	3.6/16.0	09678
2003 YD ₇₂	2007 11 13.1	03 11.51 +21 45.8 19.2	-0.99 - 3.9	1.5/14.0	26700

2001 RX ₁₁₆	2007 11 13.1	03 11.52 +25 19.8 19.0	-0.97 - 0.8	2.4/14.6	26597
2002 QG ₈₈	2007 11 13.1	03 11.53 +19 10.4 19.2	-0.96 - 3.7	0.5/13.5	26632
2005 JB ₁₃₉	2007 11 13.2	03 11.49 +18 47.3 19.9	-0.82 - 5.6	0.3/13.4	22790
2002 TZ ₇₃	2007 11 13.2	03 11.54 +18 34.9 19.0	-0.94 - 6.6	0.3/13.4	26642
2004 CC ₁₀₀	2007 11 13.2	03 11.57 -03 29.1 19.5	-0.80 - 3.1	6.4/08.2	03611
2002 TG ₃₁₇	2007 11 13.2	03 11.60 +32 59.5 19.9	-1.03 - 4.2	6.4/16.7	62423
2000 TB ₆₃	2007 11 13.2	03 11.62 +17 29.3 19.0	-1.11 - 1.5	0.2/13.2	26580
1999 RR ₃₇	2007 11 13.2	03 11.64 +20 45.2 19.7	-1.02 - 3.3	1.3/13.8	26556
1997 MZ ₅	2007 11 13.2	03 11.66 +20 01.4 20.0	-0.89 - 7.5	0.8/13.8	26551
2003 RH ₁₆	2007 11 13.2	03 11.67 +25 48.1 20.8	-1.17 - 4.2	3.3/15.0	04258
2004 CJ ₅₁	2007 11 13.2	03 11.72 -12 26.1 20.5	-0.74 - 3.2	7.6/05.8	11027
2006 KX ₃₁	2007 11 13.2	03 11.73 +18 34.7 20.6	-1.06 - 3.1	0.3/13.4	22819
2002 JJ ₆₃	2007 11 13.2	03 11.74 +16 48.9 20.2	-1.00 - 7.0	0.4/13.0	02102
2003 QG ₂₂	2007 11 13.2	03 11.74 +15 10.9 18.6	-0.96 - 7.3	1.2/12.6	26661
2005 EX ₂₆	2007 11 13.2	03 11.75 +23 47.2 19.1	-1.11 - 3.2	2.3/14.4	26730
2003 SW ₁₈₄	2007 11 13.2	03 11.76 +14 41.0 20.9	-1.05 - 3.5	1.2/12.6	26671
2002 OD ₁₉	2007 11 13.2	03 11.77 +47 52.4 18.6	-1.21 -10.4	10.6/22.9	66278
1996 GJ ₅	2007 11 13.2	03 11.77 +21 20.5 18.5	-1.07 + 0.4	1.4/13.9	26550
2000 SA ₁₁₄	2007 11 13.2	03 11.79 +22 34.5 19.0	-1.22 - 1.5	2.0/14.1	26577
2007 TE ₂₂	2007 11 13.2	03 11.80 +05 53.1 18.9	-1.07 + 3.3	4.9/11.7	26527
2002 EQ ₂₁	2007 11 13.2	03 11.82 +05 25.6 19.0	-1.05 - 2.9	5.5/10.8	26613
2000 RG ₃₂	2007 11 13.2	03 11.87 +32 32.7 18.7	-1.17 - 4.6	6.9/16.7	26575
2002 TG ₃₃₁	2007 11 13.2	03 11.92 +09 54.8 20.1	-0.87 - 4.4	2.7/11.5	26647
2004 DY ₄₉	2007 11 13.2	03 11.93 +06 06.1 22.0	-0.77 - 3.3	3.0/10.6	61986
2003 SJ ₁₆₁	2007 11 13.2	03 11.94 +07 16.1 19.7	-1.01 - 3.8	4.3/11.1	26670
1998 SA ₁₁₄	2007 11 13.2	03 11.99 +28 35.7 18.7	-1.21 + 0.3	4.1/15.2	26554
2005 JE ₁₂₄	2007 11 13.3	03 12.01 +03 30.9 19.6	-0.80 - 2.2	4.1/10.3	04334
2002 JB ₆₁	2007 11 13.3	03 12.03 +21 26.6 20.2	-1.09 - 4.6	1.3/14.1	26622
2004 HD ₁₃	2007 11 13.3	03 12.03 -00 49.4 20.7	-0.79 - 4.6	5.9/08.7	11055
2006 KP ₄₉	2007 11 13.3	03 12.04 +14 56.5 22.6	-0.96 - 4.0	1.0/12.7	21634
2005 JK ₁₂₁	2007 11 13.3	03 12.06 +10 56.7 20.0	-0.77 - 3.5	2.0/11.8	26747
2004 XK ₆₁	2007 11 13.3	03 12.08 +30 54.9 17.7	-1.19 - 6.7	6.9/16.7	26718
2003 SV ₂₃₂	2007 11 13.3	03 12.09 +07 50.3 19.9	-1.01 - 3.9	4.2/11.3	00563
2004 HB ₃₈	2007 11 13.3	03 12.13 +13 31.7 20.2	-0.88 - 1.6	1.5/12.5	69721
2005 EB ₁₄₄	2007 11 13.3	03 12.13 +20 21.0 19.6	-1.01 - 2.8	1.0/13.8	76912
2006 JR ₅₇	2007 11 13.3	03 12.15 +12 58.4 20.8	-1.06 - 4.9	1.7/12.3	01778
2006 OO	2007 11 13.3	03 12.16 +00 11.2 19.3	-0.80 - 4.3	5.6/09.2	04379
2004 AG ₉	2007 11 13.3	03 12.17 +11 06.7 18.2	-0.83 -11.5	2.9/11.4	26703
2005 GV ₃₄	2007 11 13.3	03 12.19 -00 17.1 21.9	-0.73 - 2.9	4.0/09.3	87664
2002 PY ₆₃	2007 11 13.3	03 12.20 +39 00.1 18.9	-1.12 - 5.3	7.7/18.7	77616
2005 HD ₉	2007 11 13.3	03 12.21 +15 45.0 20.1	-0.93 - 2.1	0.7/12.9	09215
2006 FW ₅₂	2007 11 13.3	03 12.21 -10 27.6 19.9	-0.97 - 9.6	11.3/06.0	26758
2002 TN ₁₁₆	2007 11 13.3	03 12.23 +27 09.9 18.9	-0.95 - 5.6	3.1/15.6	75707
2002 TS ₃₂₉	2007 11 13.3	03 12.28 +11 45.0 20.9	-0.88 - 4.1	2.1/12.0	26647
2003 SM ₁₇₅	2007 11 13.3	03 12.29 +09 09.9 20.9	-1.00 - 5.3	3.3/11.5	26671
2001 UD ₂₁₁	2007 11 13.3	03 12.31 +09 06.0 20.1	-0.75 - 7.7	2.3/11.0	75201
2002 QU ₄₁	2007 11 13.3	03 12.38 +09 26.2 18.9	-0.94 - 2.9	3.1/11.7	26631
2006 QL ₅	2007 11 13.4	03 12.35 +49 11.4 20.4	-1.14 - 2.0	8.2/21.3	11183
2002 GO ₄₆	2007 11 13.4	03 12.38 +09 33.2 19.7	-1.02 - 2.7	2.9/11.8	26617
2003 WC ₁₃₆	2007 11 13.4	03 12.39 +16 05.8 18.3	-0.99 - 1.7	0.8/13.1	26694
2003 TH ₁	2007 11 13.4	03 12.39 +31 26.2 19.0	-0.91 -12.0	6.3/17.6	57981

2003 WE ₈₁	2007 11 13.4	03 12.44 +25 02.6 18.8	-1.10 - 5.3	3.2/16.0	25964
2003 YU ₁₅₅	2007 11 13.4	03 12.47 +14 04.6 19.2	-0.89 - 6.4	1.4/12.5	26702
2003 SE ₂₆₂	2007 11 13.4	03 12.49 +26 12.8 20.5	-1.07 - 2.2	3.9/15.1	86123
1992 DQ ₆	2007 11 13.4	03 12.53 -00 19.6 20.7	-0.86 - 4.0	5.3/09.3	04105
2001 RV ₁₀₃	2007 11 13.4	03 12.53 +11 37.5 20.3	-0.83 - 3.9	1.9/12.1	04161
2002 AB ₃₁	2007 11 13.4	03 12.57 +15 28.5 20.7	-1.11 - 4.6	1.0/12.9	26606
2000 RB ₁₀₄	2007 11 13.4	03 12.58 +28 14.1 18.8	-1.11 - 6.1	4.7/16.0	26575
2002 EE ₁₃₀	2007 11 13.4	03 12.59 +21 57.6 20.3	-1.09 - 6.4	1.5/14.4	10867
2005 JF ₆₄	2007 11 13.4	03 12.63 +02 35.4 21.0	-0.77 - 2.2	4.0/10.2	87672
2003 SY ₃₂₈	2007 11 13.4	03 12.63 +17 10.3 20.4	-1.00 - 2.0	0.3/13.3	25932
2002 XC ₇₄	2007 11 13.4	03 12.64 +15 27.2 18.9	-0.94 - 0.3	0.8/13.0	26654
2004 FV ₉₂	2007 11 13.4	03 12.66 +18 46.9 20.6	-0.80 - 3.1	0.2/13.7	11047
2005 GR ₁₂	2007 11 13.4	03 12.75 +12 21.8 21.2	-0.98 - 3.4	1.8/12.3	26741
2006 FJ ₄₁	2007 11 13.4	03 12.80 +17 30.8 19.3	-1.15 - 2.1	0.2/13.4	01545
2006 JS ₅₇	2007 11 13.5	03 12.71 +10 05.2 20.9	-0.95 - 4.1	2.5/11.8	04376
2002 LV ₃₆	2007 11 13.5	03 12.78 +15 49.9 20.4	-0.96 - 4.7	0.7/13.1	26624
2002 JP ₈₉	2007 11 13.5	03 12.79 +19 22.4 20.9	-1.04 - 3.8	0.5/13.8	90158
2001 SV ₁₅₆	2007 11 13.5	03 12.82 +02 23.8 19.0	-0.75 - 8.0	5.4/09.3	26599
2005 JL ₅₂	2007 11 13.5	03 12.83 +06 42.3 19.9	-0.84 - 1.5	3.4/11.3	26746
2002 TU ₁₄₈	2007 11 13.5	03 12.89 +26 04.6 18.5	-0.88 - 9.3	3.3/15.8	85663
2005 EA ₄₆	2007 11 13.5	03 12.89 +18 18.1 19.7	-1.04 - 4.7	0.1/13.6	26731
2002 QL ₁₀₇	2007 11 13.5	03 12.92 -07 00.9 20.0	-0.86 - 4.2	9.2/07.5	13925
2006 PQ ₄₂	2007 11 13.5	03 12.99 +12 15.6 20.4	-0.87 - 4.4	1.8/12.3	09617
2005 LD ₃₈	2007 11 13.5	03 13.02 +01 58.0 20.5	-0.86 - 0.7	5.2/10.5	11106
1997 WL ₁₁	2007 11 13.5	03 13.04 +17 36.6 19.2	-1.05 - 7.0	0.2/13.5	26551
2005 JC ₁₆₀	2007 11 13.5	03 13.10 +20 04.6 20.0	-0.95 - 2.5	0.8/14.0	26747
2003 SS ₃₆	2007 11 13.5	03 13.18 +26 06.1 18.8	-1.14 - 2.1	3.4/15.2	26667
2004 BM ₉₈	2007 11 13.5	03 13.19 +03 15.8 19.6	-0.76 - 4.4	4.7/10.1	26706
2005 EN ₁₈₃	2007 11 13.5	03 13.19 +24 39.0 20.0	-1.01 - 2.7	2.3/15.0	76942
2003 PX ₉	2007 11 13.5	03 13.20 +15 33.6 18.9	-1.02 - 7.9	1.0/13.0	26660
2004 CL ₂₅	2007 11 13.6	03 13.15 +06 16.4 20.1	-0.88 - 2.3	4.2/11.2	26708
2002 GN ₁₀₆	2007 11 13.6	03 13.15 +07 00.9 19.5	-1.04 - 2.3	4.2/11.5	72609
2003 MU ₁	2007 11 13.6	03 13.21 +15 57.9 19.9	-1.15 - 3.2	0.7/13.2	26658
2001 FB ₁₇₅	2007 11 13.6	03 13.23 +15 37.7 19.5	-1.00 - 1.2	0.7/13.2	37594
2002 TE ₁₂₉	2007 11 13.6	03 13.25 +19 38.8 18.9	-0.90 - 6.2	0.6/14.0	26643
2003 UX ₁₅₁	2007 11 13.6	03 13.26 +21 40.6 18.5	-0.89 - 9.3	1.7/14.6	26683
2002 RR ₂₃₇	2007 11 13.6	03 13.26 +16 32.2 20.2	-0.95 - 3.5	0.5/13.3	26638
2005 GJ ₆₆	2007 11 13.6	03 13.27 +17 55.4 21.2	-1.01 - 3.6	0.0/13.6	11092
2003 YM ₁₄₄	2007 11 13.6	03 13.28 +22 26.6 20.0	-0.93 - 4.2	1.5/14.6	26702
2001 QJ ₂₀₄	2007 11 13.6	03 13.28 +29 22.0 19.8	-0.92 - 4.6	3.5/16.3	26594
2001 OW ₇	2007 11 13.6	03 13.31 +11 30.8 19.0	-0.83 - 4.7	2.2/12.2	26592
2005 JQ ₁₁	2007 11 13.6	03 13.33 +18 50.2 20.1	-0.87 - 2.8	0.3/13.8	26745
2002 GV ₁₀₀	2007 11 13.6	03 13.33 +20 46.3 20.4	-1.10 - 3.2	1.1/14.2	85488
2005 EP ₁₀₃	2007 11 13.6	03 13.36 +14 14.2 20.1	-1.03 - 4.1	1.6/12.9	26032
2007 RC ₂₁₈	2007 11 13.6	03 13.36 +11 18.2 18.9	-0.94 - 7.2	3.0/12.0	26477
2004 LD	2007 11 13.6	03 13.37 -24 45.8 20.4	-1.13 - 4.5	19.4/02.9	77783
2000 DF ₆₀	2007 11 13.6	03 13.38 +09 38.3 19.8	-0.90 - 4.2	3.0/11.8	10727
2002 GA ₁₀₈	2007 11 13.6	03 13.39 +16 37.9 19.4	-1.10 - 1.6	0.5/13.4	26619
2001 QJ ₂₇₅	2007 11 13.6	03 13.40 +02 39.6 19.9	-0.83 - 2.0	4.6/10.5	04157
2001 WJ ₁₆	2007 11 13.6	03 13.42 +17 43.5 19.3	-0.78 - 7.4	0.1/13.6	26604
2006 GH ₂	2007 11 13.6	03 13.46 +13 54.2 18.9	-1.17 - 1.1	1.9/13.0	26148

2002 NX ₃₇	2007 11 13.6	03 13.46 +21 34.0 18.7	-0.94 - 6.9	1.4/14.6	26625	2003 MB ₁₁	2007 11 13.8	03 14.35 +14 59.2 19.8	-1.07 - 5.7	1.3/13.2	26659
2004 CH ₅₁	2007 11 13.6	03 13.47 +01 02.5 18.8	-0.86 - 1.5	6.1/10.2	26708	2006 OH ₁₆	2007 11 13.8	03 14.40 +26 11.7 20.3	-0.89 - 3.6	2.4/15.7	26771
2005 EH ₂₆₃	2007 11 13.6	03 13.52 +18 17.7 19.5	-0.96 - 4.2	0.1/13.8	26739	2002 CQ ₈₁	2007 11 13.8	03 14.42 +05 47.9 19.5	-1.05 - 3.6	4.7/11.4	30653
2003 OV ₂₈	2007 11 13.6	03 13.53 +27 55.1 19.2	-1.14 - 4.1	4.4/16.0	72785	2001 SO ₁₇	2007 11 13.8	03 14.43 +31 07.5 19.3	-1.01 - 0.7	4.1/16.4	10791
2004 FE ₃₅	2007 11 13.6	03 13.55 +48 33.9 19.6	-1.21 - 0.6	9.1/20.6	11044	2002 GL ₃₃	2007 11 13.8	03 14.46 +14 44.6 19.0	-1.16 0.0	1.5/13.4	26617
2002 ED ₁₅₈	2007 11 13.6	03 13.56 +22 04.0 20.5	-1.11 - 4.1	1.5/14.5	02089	2003 AX ₁₆	2007 11 13.9	03 14.35 +22 10.2 19.4	-0.85 - 4.5	1.5/14.9	85829
2002 QC ₅₄	2007 11 13.6	03 13.59 -16 21.6 19.9	-0.84 - 4.0	12.0/04.5	13917	2003 UZ ₃₁₇	2007 11 13.9	03 14.36 +20 27.6 21.5	-1.10 - 2.4	0.9/14.4	21578
2000 AU ₁₄₈	2007 11 13.6	03 13.60 +06 05.1 20.0	-0.95 - 3.1	4.7/11.2	26566	2000 RF ₂₅	2007 11 13.9	03 14.36 +17 11.8 19.5	-1.07 - 8.4	0.3/13.7	26575
2004 EA ₅₅	2007 11 13.6	03 13.60 +23 55.0 20.8	-0.82 - 4.6	1.5/15.1	26711	2004 CT ₃	2007 11 13.9	03 14.37 -08 04.0 20.5	-0.78 - 2.0	7.3/08.2	04293
2003 OC ₈	2007 11 13.6	03 13.62 +22 20.9 19.1	-1.16 - 4.9	2.0/14.6	53737	2002 GJ ₃₉	2007 11 13.9	03 14.43 +15 02.6 21.4	-1.02 - 6.1	1.0/13.2	85479
2005 ER ₂₂₆	2007 11 13.7	03 13.63 +20 41.6 20.2	-1.02 - 2.7	1.0/14.3	76980	2002 PP ₆₅	2007 11 13.9	03 14.44 -06 49.1 19.8	-0.89 - 3.0	9.1/08.4	75438
2002 EX ₁₁₉	2007 11 13.7	03 13.64 +17 54.8 20.3	-1.06 - 4.8	0.0/13.7	85470	2003 WG ₁₅₄	2007 11 13.9	03 14.46 +05 44.8 19.2	-1.07 + 1.2	4.8/12.0	26695
2002 CW ₂₁₆	2007 11 13.7	03 13.74 +26 37.6 20.0	-1.20 - 2.3	3.4/15.4	29867	2001 TS ₂₁₁	2007 11 13.9	03 14.52 +02 51.2 19.0	-0.93 + 2.2	5.1/11.6	26602
2003 UU ₂₄₀	2007 11 13.7	03 13.76 +21 23.8 19.8	-0.99 - 6.3	1.3/14.5	26686	2004 BO ₁₆	2007 11 13.9	03 14.53 +40 33.8 20.0	-1.18 - 3.1	8.5/18.8	69630
2005 EZ ₃₇	2007 11 13.7	03 13.78 +21 06.1 19.0	-1.09 - 4.8	1.3/14.4	26731	2002 LU ₄₈	2007 11 13.9	03 14.54 +46 00.0 19.8	-1.31 - 6.2	8.6/21.1	04204
2003 AM ₈₀	2007 11 13.7	03 13.82 +51 45.7 19.7	-1.81 - 2.4	15.1/21.7	02143	2002 EE ₅	2007 11 13.9	03 14.56 +60 01.0 20.2	-2.13 + 1.1	16.0/25.3	87533
2004 ER ₁₂	2007 11 13.7	03 13.82 +17 15.2 20.6	-0.79 - 3.2	0.2/13.6	26711	2000 KD ₄₉	2007 11 13.9	03 14.56 -06 54.3 21.8	-0.76 - 1.7	6.4/08.6	77465
2005 AR ₆₅	2007 11 13.7	03 13.83 +17 22.1 19.9	-1.07 - 4.9	0.3/13.6	26723	2005 MK ₁₉	2007 11 13.9	03 14.58 +02 02.2 21.4	-0.76 - 3.5	4.3/10.3	11108
2003 WC ₁₄₆	2007 11 13.7	03 13.86 +12 28.9 19.2	-1.01 - 2.1	2.4/12.7	26695	2006 PE ₃₇	2007 11 13.9	03 14.59 +01 08.2 19.6	-0.83 - 0.5	5.1/10.8	11181
2003 YM ₉₃	2007 11 13.7	03 13.86 +11 12.5 19.8	-0.97 - 0.5	2.2/12.6	11013	2006 JD ₅₃	2007 11 13.9	03 14.61 +22 03.0 19.6	-1.07 - 2.8	1.5/14.8	26172
2002 JC ₇₈	2007 11 13.7	03 13.87 +15 07.8 20.4	-0.98 - 7.9	1.0/13.1	53035	2004 FJ ₅₃	2007 11 13.9	03 14.67 +05 58.5 21.5	-0.79 - 4.3	3.6/11.2	25997
2002 EV ₄₄	2007 11 13.7	03 13.87 +10 48.6 20.4	-1.02 - 5.6	2.7/12.2	85463	2003 YT ₁₂₈	2007 11 13.9	03 14.68 +13 24.1 19.4	-0.99 - 0.5	1.7/13.1	26701
2003 ST ₃₁₈	2007 11 13.7	03 13.88 +24 48.0 20.3	-1.16 - 2.1	2.7/15.1	08749	2003 MS ₃	2007 11 13.9	03 14.69 +16 08.6 19.9	-1.14 - 3.1	0.8/13.6	10978
2005 FL ₆	2007 11 13.7	03 13.91 +10 42.9 20.3	-0.93 - 1.0	2.3/12.4	26740	2004 EQ ₈₅	2007 11 13.9	03 14.71 +33 13.7 21.1	-1.02 - 0.1	4.3/16.8	65620
2005 EP ₁₃₇	2007 11 13.7	03 13.92 +03 20.8 20.8	-0.92 - 3.1	4.8/10.7	11085	2006 KV ₁₁₈	2007 11 13.9	03 14.72 +24 00.1 19.1	-0.94 - 7.5	2.0/15.5	01842
2005 GA ₁₃₃	2007 11 13.7	03 13.94 +16 45.4 20.3	-0.95 - 1.8	0.4/13.5	26744	2000 QM ₈₆	2007 11 13.9	03 14.77 +24 53.3 19.1	-1.15 - 6.6	3.0/16.0	26573
2002 PD ₉₀	2007 11 13.7	03 13.95 +14 21.7 18.5	-0.89 - 8.4	1.3/12.8	26628	2006 DH ₂₀₉	2007 11 13.9	03 14.77 +16 17.8 18.9	-1.15 - 3.0	0.7/13.7	26755
2005 CF ₂₂	2007 11 13.7	03 13.97 +01 43.0 19.7	-1.03 - 2.9	7.2/10.4	77811	2003 SL ₂₆	2007 11 13.9	03 14.83 +11 38.3 19.5	-1.00 - 5.8	2.6/12.6	26666
2004 DL ₅₁	2007 11 13.7	03 13.98 +28 18.5 20.4	-0.91 - 1.9	2.9/15.9	11035	2005 AO ₆₀	2007 11 14.0	03 14.77 -19 39.7 21.2	-1.06 - 0.5	13.3/05.2	77804
2002 PU ₇₇	2007 11 13.7	03 14.00 +14 16.0 21.1	-0.97 - 2.2	1.2/13.1	56443	1999 JC ₁₀	2007 11 14.0	03 14.78 +08 12.8 19.8	-1.02 - 5.2	3.6/11.9	26555
2005 GK ₇₂	2007 11 13.7	03 14.00 +10 29.3 20.1	-0.97 - 2.3	2.7/12.3	11092	2002 XZ ₇	2007 11 14.0	03 14.78 +11 50.1 19.2	-0.96 + 0.8	2.2/13.0	26653
2005 ER ₃₈	2007 11 13.7	03 14.01 -21 59.9 22.1	-0.86 - 5.4	10.8/02.2	76787	2001 YB ₇₃	2007 11 14.0	03 14.83 +22 50.8 19.3	-1.14 - 5.0	2.2/15.0	26605
2003 OZ ₁₀	2007 11 13.7	03 14.03 +15 20.7 18.2	-1.08 - 1.1	1.3/13.3	26659	2002 EC ₉₀	2007 11 14.0	03 14.86 +16 02.2 21.7	-1.06 - 4.0	0.7/13.6	04195
2003 WH ₁₅₀	2007 11 13.8	03 13.99 +08 21.5 18.9	-0.95 - 3.1	3.7/11.9	26695	2002 CQ ₂₀₉	2007 11 14.0	03 14.89 +05 36.2 19.4	-1.04 - 3.1	4.9/11.6	10860
2001 SW ₂₈₈	2007 11 13.8	03 14.05 +31 52.7 19.7	-0.94 - 2.5	4.2/16.8	10802	2003 WT ₇₃	2007 11 14.0	03 14.97 +22 16.7 18.3	-1.38 + 4.9	1.6/14.5	26692
1999 XV ₄₂	2007 11 13.8	03 14.06 +18 26.4 18.5	-0.96 - 5.0	0.2/13.9	26563	1999 YL ₇	2007 11 14.0	03 15.02 +07 27.2 20.0	-1.04 + 0.2	4.0/12.3	74705
2003 YG ₄₄	2007 11 13.8	03 14.08 +22 41.6 19.9	-0.93 - 3.8	1.6/14.9	04280	2006 PP ₁₉	2007 11 14.0	03 15.03 +21 00.2 20.5	-0.84 - 2.9	0.8/14.7	26771
2006 HU ₁₀₈	2007 11 13.8	03 14.10 +07 29.5 20.4	-1.08 - 3.0	4.1/11.8	01721	2005 HV ₉	2007 11 14.0	03 15.04 +07 14.4 20.1	-0.94 - 4.3	3.7/11.7	26745
2003 QC ₁₃	2007 11 13.8	03 14.12 +12 54.3 18.6	-1.07 - 2.6	2.1/12.9	26661	2006 JY ₁₆	2007 11 14.0	03 15.06 +15 11.6 20.9	-1.10 - 1.9	1.1/13.5	11170
2006 CJ ₆₀	2007 11 13.8	03 14.14 +06 15.8 19.8	-1.24 - 8.0	6.6/11.1	26752	2003 ST ₃₂₅	2007 11 14.0	03 15.06 +21 24.0 21.3	-1.08 - 5.2	1.3/14.8	08766
2004 DB ₂₈	2007 11 13.8	03 14.14 +16 46.4 20.8	-0.79 - 2.9	0.3/13.6	26710	2000 EL ₁₀₃	2007 11 14.0	03 15.09 +03 37.6 18.7	-1.03 + 0.1	4.8/11.5	26569
2006 LV ₁	2007 11 13.8	03 14.21 -08 46.4 21.1	-0.86 - 1.5	7.6/08.5	11172	1997 HK ₂	2007 11 14.0	03 15.09 +13 09.7 21.3	-1.03 - 0.6	1.7/13.2	26551
2005 GA ₂	2007 11 13.8	03 14.22 +07 46.5 20.6	-0.98 - 0.6	3.2/12.0	00942	2003 AR ₂₁	2007 11 14.0	03 15.09 +36 56.8 19.9	-0.95 - 3.3	5.2/18.3	26656
2007 PL ₃₅	2007 11 13.8	03 14.23 +29 55.7 17.4	-1.20 + 1.6	5.3/16.0	26327	2006 KP ₂₇	2007 11 14.0	03 15.13 +16 18.9 17.2	-1.15 + 7.0	1.0/13.9	26174
2003 WU ₁₀₇	2007 11 13.8	03 14.24 +07 12.0 18.4	-0.90 - 3.7	5.0/11.5	26693	2001 RS ₈₂	2007 11 14.0	03 15.15 +31 10.4 20.1	-0.94 - 3.7	4.1/17.1	10787
2004 BV ₃₈	2007 11 13.8	03 14.26 +09 28.1 18.9	-0.91 - 2.0	3.0/12.2	26705	2005 JL ₉₅	2007 11 14.0	03 15.17 +18 38.8 20.7	-1.01 - 4.0	0.2/14.2	97784
2001 UT ₂₀₀	2007 11 13.8	03 14.27 +19 15.9 20.5	-0.80 - 4.3	0.4/14.2	35117	2004 RJ ₂₄	2007 11 14.0	03 15.18 -23 28.4 19.6	-0.91 - 8.8	20.0/29.6	26714
2002 TC ₂₁	2007 11 13.8	03 14.31 +14 35.6 20.0	-0.90 - 4.3	1.2/13.1	26641	2000 WR ₆₅	2007 11 14.1	03 15.20 +17 08.3 19.2	-1.08 - 2.6	0.4/13.9	26583
2005 GO ₈₆	2007 11 13.8	03 14.35 +11 15.5 20.5	-0.86 - 5.6	2.1/12.3	77866	2002 ET ₁₄₅	2007 11 14.1	03 15.20 +27 05.1 20.1	-1.15 - 4.1	3.4/16.0	26616
2002 MF	2007 11 13.8	03 14.35 -06 15.2 19.2	-0.97 - 0.1	9.4/09.7	26624	2005 GN ₈₈	2007 11 14.1	03 15.21 +19 35.3 19.9	-0.89 - 3.5	0.5/14.4	02250
2000 DQ ₅₅	2007 11 13.8	03 14.35 +28 54.1 20.6	-1.02 - 2.7	3.3/16.0	07836	2002 RB ₁₇₆	2007 11 14.1	03 15.22 +21 59.9 19.4	-0.93 - 5.4	1.4/15.0	26637

2002 CQ ₅₁	2007 11 14.1	03 15.23 +23 41.9 19.1	-1.15 - 4.1	2.7/15.3	72493
2002 PT ₁₆₅	2007 11 14.1	03 15.24 +12 58.8 20.5	-0.93 - 3.3	1.9/13.1	77624
2005 EV ₁₉₁	2007 11 14.1	03 15.25 +21 15.0 20.1	-1.05 - 4.6	1.4/14.8	26737
2002 GN ₁₇₇	2007 11 14.1	03 15.25 +15 16.9 21.4	-1.03 - 3.9	1.0/13.5	10873
2001 EH ₁₈	2007 11 14.1	03 15.28 -18 52.4 20.3	-1.09 + 1.6	10.3/07.0	87420
2001 TQ ₁₇₅	2007 11 14.1	03 15.32 +25 32.6 19.4	-0.89 - 3.0	2.7/15.7	26602
2002 LZ ₉	2007 11 14.1	03 15.37 +09 54.1 19.8	-1.00 - 2.7	3.0/12.6	26624
2004 CS ₅₉	2007 11 14.1	03 15.39 +00 07.9 18.7	-0.86 + 3.0	9.4/11.2	26708
2002 PC ₁₀₄	2007 11 14.1	03 15.40 +09 06.7 19.5	-0.88 - 6.1	3.3/12.0	26628
2002 GK ₁₂₁	2007 11 14.1	03 15.40 +22 06.2 18.7	-1.15 - 0.7	1.8/14.8	26619
2003 FN ₃	2007 11 14.1	03 15.41 -12 31.4 19.2	-1.48 + 8.5	14.7/11.5	04253
2001 RG ₁₅₀	2007 11 14.1	03 15.42 +14 50.2 20.7	-0.88 - 2.5	1.0/13.5	26597
2002 CS ₁₆₈	2007 11 14.1	03 15.43 +19 04.8 17.8	-1.15 - 1.2	0.5/14.3	26611
2003 BX ₈	2007 11 14.1	03 15.44 -10 44.1 20.7	-0.80 - 3.0	9.6/06.7	02143
2006 QD ₉₄	2007 11 14.1	03 15.44 +20 34.3 21.2	-0.92 - 3.5	0.7/14.7	15931
2000 BQ ₂₄	2007 11 14.1	03 15.45 -01 08.0 20.0	-1.01 - 0.2	7.2/10.5	77436
1999 CW ₁₄₈	2007 11 14.1	03 15.50 -07 58.8 18.6	-0.81 - 1.7	10.5/08.6	26555
2005 EE ₁₆₇	2007 11 14.1	03 15.51 -00 57.7 19.7	-0.86 - 7.3	7.3/09.2	97781
2003 AG ₅₃	2007 11 14.1	03 15.58 -06 23.6 19.7	-0.88 0.0	8.6/09.2	43488
2003 MR ₂	2007 11 14.1	03 15.66 +23 05.1 19.9	-1.17 - 4.9	2.0/16.0	15774
2000 CD ₄₀	2007 11 14.1	03 15.8 +72 10.3 20.3	-2.63 + 2.8	19.8/26.9	60594
2003 QP ₄₀	2007 11 14.2	03 15.59 +30 03.9 19.4	-1.19 - 4.6	4.9/16.8	26662
2006 FG ₇	2007 11 14.2	03 15.63 +22 33.4 19.7	-1.21 - 1.9	1.8/15.0	26144
1998 EW ₉	2007 11 14.2	03 15.65 +09 24.9 20.2	-1.07 - 5.4	3.7/12.3	74565
2003 SH ₁₉₃	2007 11 14.2	03 15.72 +28 12.7 19.9	-1.11 - 4.7	4.0/16.5	75987
2002 XP ₆₃	2007 11 14.2	03 15.77 +09 01.3 18.6	-0.97 + 3.1	3.9/12.9	25901
2002 VU ₁₀₈	2007 11 14.2	03 15.80 +24 13.4 18.8	-0.87 - 5.9	2.0/15.7	26651
2001 QT ₂₈₁	2007 11 14.2	03 15.81 +02 32.4 18.8	-0.96 + 3.7	6.0/12.2	26595
1103 T-2	2007 11 14.2	03 15.85 +29 20.3 19.1	-0.96 - 1.2	3.7/16.5	04419
2001 DP ₂₄	2007 11 14.2	03 15.85 +28 51.5 18.6	-1.10 - 3.1	4.0/16.5	77510
2005 ER ₁₃₆	2007 11 14.2	03 15.86 +17 33.9 19.7	-1.03 - 1.8	0.2/14.2	76901
2002 QB ₇₄	2007 11 14.2	03 15.89 +36 05.2 20.6	-1.18 - 1.7	5.6/17.8	04213
2003 WJ ₁₂₄	2007 11 14.2	03 15.95 +33 06.3 18.9	-0.96 - 9.4	6.6/18.6	58069
2001 OU ₂₉	2007 11 14.2	03 15.97 +26 40.4 18.5	-0.87 -14.0	2.9/17.0	20851
2004 BS ₃₅	2007 11 14.2	03 16.00 +19 41.0 20.3	-0.93 - 2.9	0.5/14.6	26704
2001 SF ₃₄₅	2007 11 14.2	03 16.00 +20 47.9 18.5	-1.25 + 6.1	1.0/14.6	26600
2000 CW ₇₉	2007 11 14.2	03 16.02 +10 30.0 18.9	-0.91 - 4.5	3.2/12.6	26568
2005 CW ₁₉	2007 11 14.2	03 16.04 +13 01.7 20.8	-1.02 - 3.6	1.9/13.3	03658
2001 DM ₆₀	2007 11 14.2	03 16.06 +13 29.9 19.8	-1.01 - 4.2	1.7/13.3	26588
2003 SY ₂₄₅	2007 11 14.3	03 16.01 +20 29.6 20.2	-1.10 - 3.1	1.0/14.8	03528
2002 GX ₁₅₈	2007 11 14.3	03 16.02 +10 58.2 21.0	-0.99 - 4.9	2.4/12.8	26620
2000 GN ₂₉	2007 11 14.3	03 16.03 +34 31.4 19.1	-1.18 + 0.7	5.9/17.1	26570
2005 MU ₁₄	2007 11 14.3	03 16.03 +02 10.7 19.6	-0.80 - 3.4	5.1/10.7	26748
2005 EM ₂₇	2007 11 14.3	03 16.05 +07 40.0 18.8	-1.03 - 6.3	5.1/11.8	77821
2002 ET ₁₄₇	2007 11 14.3	03 16.07 +17 48.8 21.4	-1.07 - 3.5	0.1/14.3	94713
1999 XS ₂₀₈	2007 11 14.3	03 16.09 +41 43.5 17.0	-0.89 - 6.5	12.1/21.5	24300
2001 RC ₄₁	2007 11 14.3	03 16.10 +22 58.1 19.7	-0.86 - 5.9	1.7/15.5	25830
2003 CK ₁₁	2007 11 14.3	03 16.10 +64 55.1 18.8	-2.23 + 3.6	25.0/27.0	00415
2000 UD ₁₂	2007 11 14.3	03 16.12 -03 20.9 18.6	-0.98 + 3.5	11.6/11.7	26580
2003 XN ₉	2007 11 14.3	03 16.20 +37 20.0 18.4	-1.27 - 0.1	8.1/18.1	26697
2002 GF ₁₈₂	2007 11 14.3	03 16.21 +19 09.5 19.3	-1.11 - 1.7	0.5/14.5	25852

2005 JQ ₁₃₈	2007 11 14.3	03 16.23 +17 08.5 20.0	-0.92 - 0.6	0.3/14.2	89668
2007 SK ₄	2007 11 14.3	03 16.25 +50 59.0 18.4	-2.43 +12.7	14.9/16.5	24240
2003 QK ₂₀	2007 11 14.3	03 16.25 +14 02.9 18.6	-1.01 - 2.7	1.9/13.6	26661
2005 GU ₁₂₇	2007 11 14.3	03 16.32 -15 59.2 21.7	-0.73 - 2.2	7.9/06.4	89656
2005 CV ₂	2007 11 14.3	03 16.33 +19 50.0 20.1	-1.07 - 3.0	0.6/14.7	77808
2002 FX ₂₁	2007 11 14.3	03 16.33 +28 21.6 19.7	-1.17 - 3.4	3.9/16.4	85475
2004 DY ₁	2007 11 14.3	03 16.35 +11 19.6 19.6	-0.90 - 3.4	2.7/12.9	26709
2005 JD ₁₃₈	2007 11 14.3	03 16.38 +01 36.1 19.6	-0.83 - 1.4	5.5/11.1	26747
1999 VV ₁₆₅	2007 11 14.3	03 16.40 +21 44.8 18.1	-0.99 - 4.5	1.5/15.2	26562
2004 DT ₅₁	2007 11 14.3	03 16.46 +04 30.8 20.0	-0.77 - 3.3	4.0/11.4	11035
2003 SU ₂₆₃	2007 11 14.3	03 16.47 +23 04.4 19.6	-1.13 + 0.1	2.2/15.2	26674
2006 PY ₃	2007 11 14.3	03 16.53 +59 42.6 19.8	-1.50 - 1.0	11.7/26.1	09594
2005 EA ₁₂₄	2007 11 14.4	03 16.46 +18 31.0 20.2	-1.00 - 2.8	0.1/14.5	77834
2006 PY ₂	2007 11 14.4	03 16.52 +01 24.0 20.4	-0.80 - 3.2	5.1/10.8	26771
2005 GA ₉₀	2007 11 14.4	03 16.53 +23 16.1 18.8	-1.11 + 1.4	1.9/15.2	26743
2005 FW ₇	2007 11 14.4	03 16.55 +12 01.7 22.1	-1.04 - 2.7	1.9/13.2	77856
2004 CV ₂₂	2007 11 14.4	03 16.59 +09 28.0 20.3	-0.92 - 2.3	3.2/12.7	76410
1996 XT ₁₀	2007 11 14.4	03 16.60 +25 50.0 19.2	-1.18 - 1.9	3.3/16.0	26551
2005 CD ₁₆	2007 11 14.4	03 16.67 +21 43.0 20.9	-1.12 - 4.5	1.5/15.2	76646
2000 TF ₅₈	2007 11 14.4	03 16.70 +09 07.5 18.9	-0.99 - 5.0	4.3/12.5	26580
2006 HA ₅₆	2007 11 14.4	03 16.72 -08 57.1 19.1	-1.66 +16.3	15.2/14.6	01675
2004 PM ₆₁	2007 11 14.4	03 16.75 -24 40.1 19.8	-1.07 - 5.1	19.0/01.5	02205
2005 CG ₁₆	2007 11 14.4	03 16.76 +36 19.7 18.7	-1.17 - 5.2	6.4/18.9	04314
2003 QZ ₅₉	2007 11 14.4	03 16.77 +03 26.0 20.4	-1.00 - 3.5	5.6/11.5	00484
1999 TZ ₂₂₇	2007 11 14.4	03 16.78 +17 39.7 19.4	-0.73 - 3.1	0.2/14.4	25794
2004 BT ₈₃	2007 11 14.4	03 16.80 +53 14.4 20.4	-1.25 - 1.0	8.4/22.5	86240
2004 CP ₁	2007 11 14.4	03 16.81 +39 15.9 18.4	-1.06 - 5.0	8.0/20.0	87611
1999 XP ₁₇₉	2007 11 14.4	03 16.85 +27 45.8 18.6	-1.03 - 2.5	4.3/16.4	26564
2001 NL ₁₉	2007 11 14.4	03 16.87 +31 29.4 18.0	-0.87 -10.5	5.1/18.5	26591
2002 JS ₄₂	2007 11 14.5	03 16.83 +08 49.5 20.0	-1.02 - 3.2	3.3/12.6	26621
1999 CY ₅	2007 11 14.5	03 16.84 -19 46.6 19.0	-1.35 + 1.0	17.1/07.7	26555
2002 OD ₁₅	2007 11 14.5	03 16.85 +30 28.3 18.9	-1.00 - 7.5	4.5/17.7	10882
2001 SK ₂₁₁	2007 11 14.5	03 16.89 +19 34.9 19.9	-0.87 - 2.9	0.4/14.8	26599
2003 OY ₂	2007 11 14.5	03 16.89 +38 32.0 20.2	-1.19 -10.5	8.9/20.8	57916
2005 EP ₁₆₉	2007 11 14.5	03 16.96 -20 29.1 20.0	-0.80 + 0.1	9.6/06.6	04321
2001 SO ₁₃₅	2007 11 14.5	03 16.97 +22 20.3 19.7	-0.89 - 2.8	1.5/15.4	25834
2005 EU ₂₈₉	2007 11 14.5	03 17.00 +24 48.0 20.0	-1.02 - 3.6	2.3/16.0	77853
2001 BV ₅₃	2007 11 14.5	03 17.05 -30 37.1 20.1	-1.37 + 6.4	23.2/07.8	93916
2005 GK ₁₄₀	2007 11 14.5	03 17.07 +16 43.6 19.4	-1.07 + 0.5	0.5/14.3	26744
2004 CF ₂₇	2007 11 14.5	03 17.08 +02 16.8 19.7	-0.78 - 2.9	4.7/11.1	26708
2005 GK ₁₂₂	2007 11 14.5	03 17.08 +13 43.3 20.3	-0.88 - 4.4	1.4/13.6	26744
2003 UM ₃₃	2007 11 14.5	03 17.09 +14 47.0 20.5	-1.04 - 3.9	1.4/13.9	03535
2003 OM ₈	2007 11 14.5	03 17.13 +22 16.6 18.7	-1.13 - 3.0	1.8/15.4	26659
2002 TP ₁₃₅	2007 11 14.5	03 17.13 +35 56.1 19.4	-1.18 - 0.6	6.8/18.1	10922
2005 GJ ₃₇	2007 11 14.5	03 17.14 +10 08.5 20.1	-0.89 - 8.2	2.9/12.5	26742
2003 AC ₅₄	2007 11 14.5	03 17.18 +12 23.4 19.1	-0.86 - 1.6	2.0/13.4	41439
2001 PO ₂₂	2007 11 14.5	03 17.24 +52 36.4 19.7	-1.77 - 3.2	15.1/23.0	02037
2003 QD ₄₅	2007 11 14.5	03 17.24 +04 25.7 19.2	-1.02 - 2.2	6.3/12.1	53751
2004 BF ₁₀₆	2007 11 14.5	03 17.26 +28 48.0 19.0	-1.05 - 2.7	3.6/16.7	26706
2002 PH ₁₅₂	2007 11 14.5	03 17.29 +37 06.8 19.2	-1.12 - 3.3	7.1/18.8	77622
2003 UP ₂₅₄	2007 11 14.6	03 17.23 +18 23.9 20.3	-1.04 - 3.2	0.1/14.6	24421

2002 YH ₁₃	2007 11 14.6	03 17.24 +17 55.5 19.3	-0.85 - 3.3	0.1/14.5	26655	2006 JG ₄₅	2007 11 14.8	03 18.39 +11 10.9 20.4	-1.11 + 1.6	2.7/13.9	09565
2005 GA ₁₈₈	2007 11 14.6	03 17.27 +29 37.7 19.2	-1.17 - 2.1	5.0/16.8	87668	2005 EL ₈₀	2007 11 14.8	03 18.39 +03 40.2 20.4	-0.99 - 5.3	5.6/11.5	76842
2003 QY ₅₄	2007 11 14.6	03 17.28 +13 29.4 19.7	-1.09 - 3.1	1.9/13.7	26663	2003 QW ₃₅	2007 11 14.8	03 18.39 +27 52.7 19.7	-1.15 - 4.1	4.6/17.0	53750
2003 QQ ₅₁	2007 11 14.6	03 17.28 +28 10.8 19.0	-1.19 - 2.0	4.5/16.5	26663	2002 SC ₁₄	2007 11 14.8	03 18.40 +23 35.8 20.0	-1.01 - 1.9	1.9/16.0	04224
1995 FU ₁₄	2007 11 14.6	03 17.30 +13 08.5 21.2	-1.06 - 3.5	1.9/13.6	01963	2005 EB ₆₆	2007 11 14.8	03 18.47 +23 13.7 21.5	-0.97 - 3.1	1.5/15.9	11083
2003 SO ₂₁₃	2007 11 14.6	03 17.35 +22 37.8 18.6	-1.08 - 1.1	2.0/15.4	26672	2003 QD ₄₆	2007 11 14.8	03 18.49 +24 15.7 19.0	-1.12 - 3.5	2.6/16.1	77700
2005 EB ₂₀₆	2007 11 14.6	03 17.35 +29 28.2 20.0	-1.04 - 2.5	3.8/16.9	04322	2002 QT ₁	2007 11 14.8	03 18.50 +10 09.6 20.2	-0.92 - 3.9	2.5/13.2	26630
2002 QU ₁₅	2007 11 14.6	03 17.38 +05 08.0 19.9	-0.86 - 6.2	4.2/11.5	75485	2005 GS ₆₀	2007 11 14.9	03 18.45 +23 52.3 20.6	-0.98 - 3.6	1.7/16.0	14156
2001 SQ ₃₂₄	2007 11 14.6	03 17.38 +31 15.9 19.3	-0.92 - 4.6	4.4/17.7	26600	2005 ED ₄₅	2007 11 14.9	03 18.48 +12 54.4 19.7	-1.01 - 4.4	2.1/13.8	26731
2005 HK ₁	2007 11 14.6	03 17.38 +14 16.3 21.3	-0.96 - 5.3	1.3/13.8	26745	2005 CJ ₁₃	2007 11 14.9	03 18.53 +15 32.5 20.3	-1.04 - 3.0	1.0/14.4	77810
2004 YT ₂₃	2007 11 14.6	03 17.40 +05 13.2 19.3	-1.02 - 1.5	6.0/12.3	09100	2002 AO ₁₅₆	2007 11 14.9	03 18.54 +10 32.6 19.4	-1.08 - 4.4	3.4/13.3	26607
2005 JX ₈₄	2007 11 14.6	03 17.41 +10 25.1 21.3	-0.77 - 6.2	2.1/12.7	77893	2005 EW ₆₀	2007 11 14.9	03 18.54 +25 18.0 20.9	-1.08 - 3.4	2.5/16.3	76818
2006 RG ₄₁	2007 11 14.6	03 17.45 +46 52.6 21.1	-1.18 - 0.3	7.1/20.8	09856	2003 TX ₂₈	2007 11 14.9	03 18.54 +21 14.3 20.3	-1.08 - 4.0	1.1/15.5	00591
2006 KE ₁₂₂	2007 11 14.6	03 17.45 -05 17.9 19.1	-0.88 + 0.8	7.2/10.7	04377	2002 PU ₄₃	2007 11 14.9	03 18.55 +35 59.4 19.0	-1.13 - 2.5	6.2/18.8	75430
2002 CX ₄₃	2007 11 14.6	03 17.47 +08 24.8 20.8	-1.06 - 3.2	3.6/12.8	17993	2005 MT ₁₃	2007 11 14.9	03 18.55 +02 55.0 20.8	-0.78 - 2.8	4.3/11.6	11108
2005 JU ₂₆	2007 11 14.6	03 17.51 +11 35.4 21.2	-0.79 - 3.5	1.9/13.2	77200	2002 RP ₅₈	2007 11 14.9	03 18.59 +08 54.9 20.1	-0.90 - 5.4	3.2/12.9	00341
2005 ED ₉₈	2007 11 14.6	03 17.52 +21 00.0 19.6	-1.03 - 6.5	1.1/15.3	76867	2004 GW ₄₇	2007 11 14.9	03 18.62 +35 05.6 19.8	-1.17 + 2.6	5.5/17.4	76463
2001 RQ ₁₀₅	2007 11 14.6	03 17.52 +27 19.4 19.0	-0.99 - 1.1	3.0/16.4	75093	2003 QW ₅₆	2007 11 14.9	03 18.71 +13 52.1 19.3	-1.08 - 2.2	1.9/14.2	26663
2003 BB ₄₇	2007 11 14.6	03 17.55 +60 11.9 18.8	-1.51 + 1.1	15.6/24.9	10962	2003 OH ₁	2007 11 14.9	03 18.74 +37 58.6 19.0	-1.26 - 7.6	7.9/20.1	02150
2000 DH ₇₃	2007 11 14.6	03 17.58 +13 40.4 19.9	-0.91 - 3.8	1.6/13.7	26568	2003 WT ₁₇₁	2007 11 14.9	03 18.75 +00 11.1 18.4	-0.52 -17.3	9.4/08.1	26696
2006 FZ ₂₃	2007 11 14.6	03 17.59 +14 52.2 21.2	-1.09 - 4.3	1.3/14.0	26757	1999 JR ₁₁₄	2007 11 14.9	03 18.76 +20 47.2 20.9	-1.08 - 5.6	0.9/15.5	87351
2002 TU ₁₇₅	2007 11 14.6	03 17.60 +32 25.7 19.5	-0.99 - 6.5	5.2/18.2	26644	2000 DB ₄₁	2007 11 14.9	03 18.77 +02 44.9 21.7	-0.82 - 3.7	4.3/11.5	04131
2005 CO ₄₁	2007 11 14.6	03 17.61 +03 51.6 20.6	-0.94 - 2.3	4.7/11.9	22786	2000 DW ₁₁₃	2007 11 14.9	03 18.77 +11 19.8 20.7	-0.91 - 3.5	2.3/13.5	04132
2005 GA ₁₄₄	2007 11 14.6	03 17.62 +09 35.1 19.2	-0.90 - 1.4	3.1/13.1	02250	2005 JO ₃₁	2007 11 14.9	03 18.81 +26 44.5 20.0	-1.02 - 1.8	2.6/16.6	26746
2005 CU ₄₁	2007 11 14.6	03 17.62 +04 53.6 20.3	-1.00 - 1.4	5.4/12.3	02243	2001 OU ₄₀	2007 11 14.9	03 18.81 +09 46.4 19.2	-0.91 + 0.2	3.0/13.5	26592
2001 SC ₉₆	2007 11 14.6	03 17.66 +06 42.5 20.3	-0.78 - 4.8	3.8/12.0	26598	2005 EW ₂₅₅	2007 11 14.9	03 18.82 +18 07.1 18.3	-0.94 - 5.3	0.1/14.9	26738
2002 SF ₄₆	2007 11 14.6	03 17.68 +21 44.8 18.8	-0.99 - 1.6	1.2/15.4	26640	1999 VO ₈₀	2007 11 14.9	03 18.83 +14 10.4 18.3	-1.02 - 1.8	1.6/14.2	26561
2004 AH ₂	2007 11 14.6	03 17.70 +22 56.9 19.7	-0.94 - 3.9	1.6/15.7	11016	2002 PJ ₇₄	2007 11 14.9	03 18.83 +05 25.1 19.1	-0.85 - 6.6	5.6/12.0	35608
2005 EY ₁₃₈	2007 11 14.6	03 17.71 +13 03.1 20.8	-0.88 - 4.1	1.7/13.6	77836	1999 XJ ₆₃	2007 11 14.9	03 18.83 +09 20.1 19.1	-1.03 - 0.7	3.5/13.4	77420
2004 BY ₁₈	2007 11 14.7	03 17.72 +26 12.5 18.5	-0.93 - 7.5	3.3/16.7	26704	2001 QQ ₂₇₆	2007 11 14.9	03 18.84 +35 27.7 17.8	-1.11 - 0.5	6.2/18.4	26595
2000 SX ₂₈₈	2007 11 14.7	03 17.73 +20 40.8 18.3	-1.01 - 7.8	1.2/15.3	26579	2002 SJ ₆₆	2007 11 14.9	03 18.91 +02 09.0 18.9	-0.83 - 2.6	7.1/11.6	25881
2001 HO ₁₄	2007 11 14.7	03 17.78 +28 05.3 20.1	-1.16 - 0.2	3.7/16.4	26590	2002 AD ₂₄	2007 11 15.0	03 18.87 +09 48.3 18.7	-1.07 - 4.5	3.9/13.2	26606
2002 GY ₃₇	2007 11 14.7	03 17.87 +32 21.9 20.0	-1.30 + 0.4	5.2/17.1	52956	2003 YL ₆₅	2007 11 15.0	03 18.89 +04 47.3 18.6	-0.92 - 1.3	5.3/12.4	26700
2006 PE ₂₉	2007 11 14.7	03 17.92 -08 16.1 20.8	-0.78 - 1.7	7.5/09.3	19293	2001 TZ ₂₀₀	2007 11 15.0	03 18.90 +11 03.6 19.1	-0.90 + 0.1	2.6/13.7	26602
2006 AC ₂₈	2007 11 14.7	03 17.94 -23 33.3 20.2	-1.12 - 3.7	18.0/03.5	02269	2002 LC ₅₀	2007 11 15.0	03 18.90 +03 34.5 19.9	-1.00 - 0.4	4.8/12.5	03326
2001 RE ₁₄₁	2007 11 14.7	03 17.95 +33 26.5 18.4	-1.14 + 1.7	5.4/17.3	23707	2005 EU ₂₆₆	2007 11 15.0	03 18.91 +45 29.4 19.3	-1.52 + 3.5	10.3/19.0	77852
2002 TK ₃₂₆	2007 11 14.7	03 17.99 +18 55.5 20.3	-0.95 - 2.9	0.2/14.9	26647	2004 BE ₁₀₉	2007 11 15.0	03 18.92 -05 24.4 19.0	-0.89 + 0.1	9.4/10.7	26707
2002 CV ₁₉₀	2007 11 14.7	03 18.02 +13 35.8 18.3	-1.09 - 1.6	2.3/14.0	26611	2002 QE ₁₉	2007 11 15.0	03 18.93 +23 57.4 19.2	-1.02 - 2.2	2.1/16.1	21782
2005 ER ₃₁	2007 11 14.7	03 18.02 -00 29.7 20.1	-0.89 - 4.0	6.7/10.7	26730	2002 QJ ₁₀₈	2007 11 15.0	03 18.95 +19 52.1 19.3	-0.96 - 3.7	0.6/15.3	26633
2005 EM ₁₇₃	2007 11 14.7	03 18.06 +33 50.7 18.8	-1.20 - 0.1	6.5/17.6	26736	2002 QH ₆₉	2007 11 15.0	03 18.97 -04 27.8 19.0	-0.88 - 2.6	9.1/10.0	26632
2002 EL ₅₄	2007 11 14.7	03 18.09 +19 51.1 21.0	-1.09 - 3.6	0.6/15.1	02084	2001 DG ₃₂	2007 11 15.0	03 18.97 +10 06.3 19.1	-0.98 - 2.9	3.2/13.4	26587
2005 GE ₇₆	2007 11 14.8	03 18.09 +06 49.1 20.4	-0.87 - 4.0	3.5/12.3	09184	2005 GG ₁₅	2007 11 15.0	03 18.99 +16 36.1 19.1	-1.03 - 4.3	0.7/14.7	03685
2004 DV ₆	2007 11 14.8	03 18.13 +18 27.8 19.7	-0.85 - 3.1	0.1/14.9	26709	2005 CY ₄₇	2007 11 15.0	03 19.15 +20 21.8 19.8	-1.06 - 4.0	0.8/15.5	26727
2004 HS ₅₅	2007 11 14.8	03 18.15 +11 36.3 20.5	-0.99 + 2.0	1.9/13.8	65771	2003 WJ ₁₁₄	2007 11 15.0	03 19.18 +26 01.6 20.1	-1.05 - 3.4	2.7/16.6	26693
2000 RJ ₉₁	2007 11 14.8	03 18.25 +29 02.4 19.2	-1.17 - 6.6	4.8/17.4	26575	2006 HY ₂₁	2007 11 15.0	03 19.20 +09 08.2 19.7	-1.00 - 3.4	3.7/13.3	26154
2003 YR ₈₉	2007 11 14.8	03 18.27 +14 24.2 19.3	-0.94 - 2.1	1.4/14.1	76335	2002 EB ₁₃	2007 11 15.0	03 19.23 +53 02.8 19.3	-1.85 + 1.8	13.1/22.1	10864
2005 EN ₆₀	2007 11 14.8	03 18.29 +19 51.0 19.2	-0.96 - 4.3	0.6/15.2	26732	2003 WD ₃₃	2007 11 15.0	03 19.23 +23 03.6 19.6	-1.06 - 2.7	1.7/16.0	76200
2004 CD ₈₃	2007 11 14.8	03 18.29 -00 46.6 20.4	-0.88 - 3.9	7.0/10.4	08910	2006 LE ₇	2007 11 15.0	03 19.27 -04 08.9 19.1	-0.86 + 0.5	7.1/11.2	26770
2004 BP ₆₇	2007 11 14.8	03 18.33 +21 06.2 20.0	-0.93 - 3.7	1.0/15.5	22769	2001 DX ₂₅	2007 11 15.0	03 19.28 +10 56.3 18.9	-1.05 - 3.0	3.2/13.6	26587
2004 EY ₂	2007 11 14.8	03 18.35 -11 07.4 20.7	-0.76 - 1.1	7.5/08.5	77778	2006 QH ₁₁₃	2007 11 15.0	03 19.29 +54 23.1 20.0	-1.28 - 1.6	10.1/24.0	14296
2002 EW ₆₇	2007 11 14.8	03 18.36 +17 32.0 20.0	-1.05 - 4.6	0.3/14.7	53702	2001 QU ₂₅₂	2007 11 15.0	03 19.30 -01 42.2 20.0	-0.81 - 2.5	6.4/11.0	13782

2001 TU ₁₂₁	2007 11 15.0	03 19.32 +23 40.7 19.2	-0.83 - 8.0	1.5/16.5	26601	2003 UO ₇₅	2007 11 15.3	03 20.29 +24 55.0 18.9	-1.05 - 5.1	2.7/16.8	26680
2004 XW ₁₆₁	2007 11 15.0	03 19.33 +17 12.8 19.3	-1.14 - 0.5	0.6/14.9	26719	2002 VG ₁₂₈	2007 11 15.3	03 20.39 +08 36.6 19.3	-0.89 - 0.6	3.2/13.6	26652
2004 PZ ₃₈	2007 11 15.0	03 19.36 +56 18.3 19.7	-2.10 + 0.8	17.4/22.8	02205	2005 EA ₁₇₈	2007 11 15.3	03 20.43 +18 58.9 19.7	-1.04 - 4.8	0.2/15.5	26736
2005 GH ₂₇	2007 11 15.1	03 19.27 +24 24.7 19.7	-1.05 - 3.4	2.3/16.3	86683	2003 YA ₆₈	2007 11 15.3	03 20.43 +15 28.4 19.9	-0.97 - 3.1	1.1/14.8	26700
2002 GO ₁₁₃	2007 11 15.1	03 19.29 +07 38.1 19.0	-1.02 - 4.5	4.3/12.9	77593	2004 FX ₅₂	2007 11 15.3	03 20.46 +10 10.9 20.0	-0.76 - 6.0	2.4/13.4	69700
2005 JV ₉₈	2007 11 15.1	03 19.30 +04 21.4 19.5	-0.87 - 6.9	4.4/11.6	87674	2004 GG ₄₇	2007 11 15.3	03 20.52 +19 46.9 20.3	-0.89 - 2.1	0.4/15.7	26713
2004 EA ₇₆	2007 11 15.1	03 19.30 +38 40.8 21.5	-0.98 - 1.2	5.0/19.3	08964	2001 UQ ₂₁	2007 11 15.3	03 20.53 +29 18.0 19.1	-0.89 - 4.3	3.3/17.9	10817
2001 SU ₇₇	2007 11 15.1	03 19.31 +30 02.2 19.1	-0.98 - 1.3	4.0/17.4	10793	2004 CG ₈₉	2007 11 15.4	03 20.52 +08 51.4 20.1	-0.87 - 1.8	3.1/13.6	86286
1993 TQ ₂₂	2007 11 15.1	03 19.31 +22 43.4 18.7	-1.12 0.0	2.3/16.0	26548	2002 SW ₁₉	2007 11 15.4	03 20.53 +51 41.6 19.9	-1.82 + 2.0	10.8/22.2	00361
2005 BA ₂₆	2007 11 15.1	03 19.36 +36 49.5 18.6	-1.16 - 4.8	6.7/19.5	26724	2002 PH ₁₁₆	2007 11 15.4	03 20.57 +51 34.3 18.8	-1.16 -11.3	13.5/27.8	85563
2006 KX ₉₀	2007 11 15.1	03 19.39 +16 01.5 19.6	-0.97 - 4.7	0.8/14.6	26769	2001 SL ₈	2007 11 15.4	03 20.60 +07 51.9 20.9	-0.76 - 5.4	3.1/12.9	64992
2005 EK ₃₀₆	2007 11 15.1	03 19.39 +15 57.9 20.2	-1.02 - 4.2	1.0/14.6	26740	2003 OV ₁₆	2007 11 15.4	03 20.60 +13 51.0 20.0	-1.06 - 5.2	1.8/14.5	04257
2002 FJ ₁₇	2007 11 15.1	03 19.49 +11 23.4 20.0	-1.07 - 2.7	2.4/13.8	04196	2002 RU ₁₆₀	2007 11 15.4	03 20.63 +29 04.5 19.2	-1.05 - 2.3	3.9/17.5	26637
2006 PH ₁₄	2007 11 15.1	03 19.50 -06 07.2 19.9	-0.83 - 0.2	7.2/10.7	14291	2003 PD ₁₁	2007 11 15.4	03 20.70 -15 03.6 19.2	-0.95 - 6.7	13.7/07.3	26660
2000 UG ₄	2007 11 15.1	03 19.50 +25 29.0 18.1	-1.22 + 0.9	3.4/16.3	26580	2002 QM ₆₂	2007 11 15.4	03 20.70 +18 07.3 19.9	-0.95 - 3.9	0.1/15.4	75505
2002 QE ₁₈	2007 11 15.1	03 19.51 +36 33.5 20.6	-1.16 - 2.6	5.8/19.1	50627	2004 FE ₁₂₁	2007 11 15.4	03 20.74 +21 05.5 18.6	-1.04 + 2.4	0.9/15.8	26713
2001 QA ₃₇	2007 11 15.1	03 19.52 +09 14.7 18.7	-0.85 - 2.9	3.3/13.3	26593	2003 HO ₁₀	2007 11 15.4	03 20.82 +07 04.4 20.2	-1.07 - 5.7	4.6/13.1	02147
2002 UG ₂₁	2007 11 15.1	03 19.54 +22 14.9 19.5	-0.98 - 1.2	1.3/15.9	87555	2005 GN ₁₈₂	2007 11 15.4	03 20.88 +17 20.4 20.9	-0.95 - 2.5	0.4/15.3	26745
1999 SK ₁₅	2007 11 15.1	03 19.56 +26 34.7 19.2	-1.07 - 9.1	3.2/17.3	01979	2004 BJ ₇₃	2007 11 15.4	03 20.93 -13 15.7 21.4	-0.73 - 2.3	7.2/08.2	87608
1998 VT ₃₉	2007 11 15.1	03 19.57 +15 48.2 18.1	-1.05 + 1.2	1.0/14.8	26554	2003 AK ₂₇	2007 11 15.4	03 20.93 -05 18.6 18.5	-0.84 + 0.6	8.3/11.3	26656
2003 UP ₉₅	2007 11 15.1	03 19.68 +16 20.0 18.9	-0.99 - 4.9	0.9/14.7	26681	2003 SZ ₁₂₅	2007 11 15.4	03 20.93 +13 08.7 19.3	-1.06 - 2.1	2.2/14.5	26669
2001 CC ₃₈	2007 11 15.1	03 19.69 +05 34.5 19.6	-1.04 + 0.7	4.1/13.2	04145	2005 GX ₁₀	2007 11 15.4	03 20.97 +15 09.0 20.0	-1.03 - 3.3	1.4/14.8	26741
2000 JV ₆₇	2007 11 15.1	03 19.74 +07 44.5 21.6	-0.88 - 1.2	3.3/13.2	74785	2002 QK ₉	2007 11 15.4	03 20.98 +24 15.9 19.5	-1.07 - 0.8	2.1/16.5	26630
2002 CS ₂₂₂	2007 11 15.1	03 19.77 +15 54.8 20.5	-1.07 - 5.0	0.9/14.7	26612	2003 SN ₁₁₇	2007 11 15.4	03 20.98 +23 32.8 20.9	-1.12 - 3.4	1.7/16.5	26669
2001 SH ₂₂₆	2007 11 15.2	03 19.70 +17 35.2 20.2	-0.85 - 2.6	0.2/15.1	26600	2005 JA ₁₂₁	2007 11 15.4	03 20.99 +07 15.5 19.7	-0.88 0.0	3.8/13.6	86744
2002 AK ₂₆	2007 11 15.2	03 19.77 +23 00.2 19.2	-1.16 - 3.5	2.1/16.1	26606	2002 GV ₉₅	2007 11 15.5	03 20.90 +23 48.8 19.8	-1.11 - 3.4	1.9/16.6	75328
2000 ON ₆₈	2007 11 15.2	03 19.78 -00 07.5 20.3	-0.77 - 1.9	4.7/11.4	10739	2002 LC ₆₂	2007 11 15.5	03 20.93 +26 06.9 20.2	-1.00 - 7.0	2.5/17.4	08270
2001 FC ₂₁	2007 11 15.2	03 19.81 -06 53.7 19.9	-0.96 - 1.2	8.0/10.1	02031	2002 QL ₈₇	2007 11 15.5	03 20.96 +20 22.7 20.1	-0.98 - 2.7	0.7/16.0	94833
2006 LU ₄	2007 11 15.2	03 19.82 +24 42.4 19.8	-1.19 - 2.4	2.3/16.4	03936	2001 RQ ₈₉	2007 11 15.5	03 20.97 +29 02.1 19.9	-0.98 - 1.2	3.3/17.6	04160
2002 XH ₆₂	2007 11 15.2	03 19.91 +05 00.7 19.3	-0.85 - 0.4	3.7/12.8	26654	2000 NZ ₁₇	2007 11 15.5	03 20.99 +29 29.2 19.5	-1.26 - 4.1	4.5/17.8	26572
2003 QK ₇	2007 11 15.2	03 19.93 +20 27.5 19.1	-1.06 - 3.8	1.0/16.0	26661	2003 UE ₁₄	2007 11 15.5	03 20.99 +20 21.9 19.6	-1.25 + 0.8	0.7/16.0	26678
2002 CM ₈₄	2007 11 15.2	03 19.96 +26 15.7 19.3	-1.17 - 3.7	3.2/16.8	02073	2003 RZ ₂₄	2007 11 15.5	03 20.99 +13 27.0 20.9	-1.07 - 4.0	2.0/14.5	26665
2002 NQ ₁₈	2007 11 15.2	03 20.01 +22 55.2 20.0	-0.99 - 5.0	1.5/16.3	10879	2001 PC ₃₉	2007 11 15.5	03 21.04 +22 47.2 19.0	-1.05 + 1.6	1.5/16.2	26593
2005 EN ₁₄₉	2007 11 15.2	03 20.04 +20 50.7 20.0	-1.01 - 1.2	0.9/15.7	77838	2006 KN ₇₈	2007 11 15.5	03 21.05 +09 05.2 19.5	-1.04 - 2.0	3.7/13.9	01827
2002 RQ ₉₈	2007 11 15.2	03 20.04 +30 17.1 19.0	-1.11 - 0.6	4.1/17.5	26636	2003 WM ₁₃₄	2007 11 15.5	03 21.07 +17 10.6 18.9	-1.03 - 1.3	0.5/15.3	26694
2005 JU ₂₂	2007 11 15.2	03 20.06 +20 07.4 20.3	-1.03 - 2.6	0.6/15.6	26746	2003 YL ₂₆	2007 11 15.5	03 21.11 +36 36.0 18.8	-1.00 - 7.2	8.1/20.2	62459
2001 SK ₂₉₂	2007 11 15.2	03 20.15 -05 57.7 21.1	-0.79 - 6.1	6.9/09.5	48110	2006 KG ₉₇	2007 11 15.5	03 21.18 +24 34.6 20.2	-0.93 - 6.7	1.9/17.0	04377
2000 XN ₁₉	2007 11 15.3	03 20.09 +29 36.3 18.9	-1.18 - 1.7	5.1/17.4	26584	2002 CF ₁₄₀	2007 11 15.5	03 21.18 +06 23.8 20.0	-0.65 - 3.5	2.7/12.8	30668
2003 BY ₂	2007 11 15.3	03 20.09 +53 55.4 19.1	-1.92 - 1.4	16.1/23.5	02143	2003 OY ₁₇	2007 11 15.5	03 21.19 +12 20.8 17.5	-1.04 + 2.7	3.3/14.8	26660
2003 SH ₁₅₇	2007 11 15.3	03 20.10 +20 53.2 19.3	-1.11 - 3.0	1.0/16.0	26670	2001 PU ₃₈	2007 11 15.5	03 21.21 +35 48.0 19.4	-1.19 + 0.4	5.9/18.8	26593
2002 OK ₂₉	2007 11 15.3	03 20.11 +11 24.2 19.7	-0.94 - 3.9	2.7/13.9	25859	2000 ES ₁₆₄	2007 11 15.5	03 21.26 +18 25.7 20.2	-0.92 - 3.6	0.0/15.6	10731
2002 VC ₁₂₄	2007 11 15.3	03 20.11 +21 33.6 19.6	-0.92 - 3.5	1.1/16.0	75805	2002 CP ₈₇	2007 11 15.5	03 21.31 +15 10.0 20.2	-1.12 - 2.8	1.3/15.0	26610
2003 AD ₂₉	2007 11 15.3	03 20.14 +44 53.7 19.6	-1.02 - 4.6	7.8/22.1	10956	2003 YQ ₁₂	2007 11 15.5	03 21.33 +18 52.4 18.8	-1.09 - 0.2	10.8/27.0	26698
2003 QK ₂₉	2007 11 15.3	03 20.17 +11 09.9 20.3	-1.06 - 5.8	2.8/13.8	26662	2005 JM ₆₃	2007 11 15.5	03 21.33 -08 18.4 21.6	-0.71 - 4.7	6.4/09.0	11100
1994 AH ₇	2007 11 15.3	03 20.17 +08 15.8 21.0	-0.87 - 2.2	3.2/13.3	84421	1996 VQ ₁₃	2007 11 15.5	03 21.36 +16 36.5 19.0	-0.81 - 7.1	0.7/15.1	47706
1999 TW ₁₁₅	2007 11 15.3	03 20.18 +31 55.1 18.8	-1.24 - 1.9	6.0/18.0	26558	1999 RP ₃₀	2007 11 15.5	03 21.46 +54 28.9 19.5	-1.69 - 1.2	12.5/24.5	01976
2000 AX ₁₀₄	2007 11 15.3	03 20.19 +08 53.3 18.1	-0.91 - 0.8	4.7/13.6	26566	2001 SL ₃₅₃	2007 11 15.6	03 21.34 +08 24.8 20.2	-0.77 - 5.2	3.0/13.3	26600
2004 BH ₁₄₅	2007 11 15.3	03 20.24 +13 53.3 20.3	-0.87 - 3.0	1.5/14.4	26707	2004 BD ₄₉	2007 11 15.6	03 21.34 +08 53.8 19.8	-0.92 - 1.8	4.0/13.8	95165
2003 SD ₃₂	2007 11 15.3	03 20.27 +38 51.3 18.3	-1.09 - 5.5	9.6/20.5	57940	2004 HG ₉	2007 11 15.6	03 21.35 +24 58.2 20.8	-0.87 - 2.3	1.8/16.9	14722
2002 PR ₁₃₇	2007 11 15.3	03 20.27 -05 36.1 21.1	-0.90 - 2.5	7.5/10.6	26629	2001 DQ ₉₇	2007 11 15.6	03 21.37 +41 06.3 19.8	-1.30 - 1.0	8.2/19.9	74925
2003 TT ₂₁	2007 11 15.3	03 20.29 +17 59.5 19.8	-1.08 - 2.3	0.2/15.3	26677	2006 HZ ₃₂	2007 11 15.6	03 21.38 +17 36.6 20.7	-1.13 - 4.5	0.3/15.4	26156

2002 RL ₁₂₂	2007 11 15.6	03 21.40 +30 09.6 19.3	-1.17 + 1.3	4.3/17.4	04219
2005 JD ₄₈	2007 11 15.6	03 21.41 +09 05.8 20.2	-0.80 - 2.0	2.6/13.8	11099
2003 OS ₁₇	2007 11 15.6	03 21.44 +14 18.5 19.2	-1.14 - 0.9	1.9/14.9	26660
2003 BR ₂₁	2007 11 15.6	03 21.45 +66 32.7 18.5	-1.87 - 4.8	25.0/06.0	02143
2001 RF ₁₄₆	2007 11 15.6	03 21.52 +09 54.8 20.3	-0.82 - 7.1	2.8/13.6	26597
2001 RU ₁₃₃	2007 11 15.6	03 21.53 -02 51.9 19.0	-0.76 - 4.9	7.2/10.4	26597
2002 GF ₁₁₄	2007 11 15.6	03 21.57 +21 43.6 21.2	-1.15 - 1.3	1.1/16.2	22403
1995 SV ₃₃	2007 11 15.6	03 21.60 +37 51.1 21.3	-1.00 - 1.4	5.1/19.7	07722
2002 RD ₄₂	2007 11 15.6	03 21.61 +07 00.4 18.9	-0.90 - 3.0	4.2/13.4	26634
2000 AA ₄₉	2007 11 15.6	03 21.62 -19 25.1 19.2	-1.34 + 5.1	16.5/10.8	10721
2001 TX ₁₅₄	2007 11 15.6	03 21.63 +13 30.6 19.5	-0.90 + 0.4	1.5/14.8	26602
2001 XM ₂₀₀	2007 11 15.6	03 21.64 +19 12.1 19.6	-0.84 - 0.9	0.2/15.8	26605
2001 SH ₃₅₀	2007 11 15.6	03 21.66 +27 26.2 19.4	-0.95 - 0.2	2.6/17.3	10805
2003 UZ ₃₀₀	2007 11 15.6	03 21.69 +26 15.8 19.9	-1.10 - 4.3	2.9/17.3	86154
2005 LY ₈	2007 11 15.6	03 21.71 +03 08.3 19.2	-0.81 - 4.0	5.3/12.2	26748
2003 UT ₁₉₅	2007 11 15.6	03 21.78 +14 00.8 19.3	-0.98 - 3.4	1.8/14.8	26684
2001 QY ₈₄	2007 11 15.7	03 21.78 -04 52.8 20.7	-0.87 - 0.4	7.8/11.8	26593
2004 CM ₁₀₇	2007 11 15.7	03 21.79 +00 54.5 20.6	-0.80 - 2.8	5.4/12.0	11030
2001 TM ₂₃₃	2007 11 15.7	03 21.81 +27 15.3 18.6	-0.86 - 6.0	2.9/17.8	26602
2000 DQ ₁₀₈	2007 11 15.7	03 21.82 +23 06.6 19.3	-1.00 - 2.9	1.7/16.6	62279
2004 CR ₂₇	2007 11 15.7	03 21.83 +20 27.8 20.8	-0.90 - 2.8	0.6/16.1	24439
2005 ED ₇₅	2007 11 15.7	03 21.84 +35 06.1 20.4	-1.13 - 1.6	5.5/19.0	04318
2006 PK ₂₇	2007 11 15.7	03 21.86 +25 45.7 20.1	-1.10 + 1.9	2.1/16.8	26771
2002 KZ ₃	2007 11 15.7	03 21.88 -13 14.0 20.2	-0.93 - 5.2	9.8/07.8	26623
2001 QK ₁₀₇	2007 11 15.7	03 21.89 +33 32.0 19.1	-1.29 -13.2	6.5/19.9	00037
2003 WO ₃₁	2007 11 15.7	03 21.93 +22 22.7 19.6	-1.02 - 5.4	1.4/16.6	14053
2004 GJ ₂₈	2007 11 15.7	03 21.98 +09 33.4 20.4	-1.00 + 2.3	2.6/14.5	97705
2003 SD ₃₃₂	2007 11 15.7	03 21.99 +16 39.4 20.7	-1.17 + 1.3	0.7/15.5	10992
2005 AU ₂₉	2007 11 15.7	03 22.02 +13 49.2 19.9	-1.08 - 2.7	2.0/14.9	26722
2006 QX ₁₀₂	2007 11 15.7	03 22.02 +26 18.2 20.6	-0.97 - 3.3	2.4/17.4	11197
2004 BM ₅₃	2007 11 15.7	03 22.12 +21 11.6 20.1	-0.93 - 4.3	1.0/16.4	26705
2005 EY ₁₉₉	2007 11 15.7	03 22.13 +22 49.6 19.1	-1.16 + 0.7	2.0/16.4	26038
2000 CL ₁₁₂	2007 11 15.7	03 22.14 +21 43.6 19.8	-0.95 - 5.8	1.1/16.5	87371
2005 ES ₁₇₆	2007 11 15.7	03 22.15 +07 53.3 19.6	-1.06 + 0.8	3.8/14.1	11086
2001 SM ₉₄	2007 11 15.7	03 22.16 +32 14.5 19.5	-0.95 - 3.0	4.2/18.7	26598
2000 CG ₇₄	2007 11 15.7	03 22.20 +09 35.3 20.6	-0.89 - 3.1	2.8/14.0	26567
2002 NF ₃₂	2007 11 15.7	03 22.21 +17 22.1 19.0	-0.93 - 7.6	0.4/15.5	26625
2002 TA ₁₂₂	2007 11 15.7	03 22.24 +39 54.1 19.5	-1.13 - 4.2	7.1/20.8	10922
2005 CV ₄₈	2007 11 15.8	03 22.14 +02 57.1 19.0	-0.97 - 2.8	6.3/12.8	26727
2004 CE ₄₅	2007 11 15.8	03 22.15 +06 32.6 19.9	-0.90 - 0.4	4.1/13.7	08898
2005 JT ₁₆₉	2007 11 15.8	03 22.16 +15 45.3 20.5	-0.90 - 2.5	0.9/15.3	26748
2005 GN ₉₉	2007 11 15.8	03 22.18 +23 29.6 20.9	-0.97 - 1.6	1.5/16.7	77867
2004 EP ₅	2007 11 15.8	03 22.26 +03 51.6 20.1	-0.77 - 3.5	4.3/12.6	11036
2000 HR ₉₄	2007 11 15.8	03 22.26 +18 07.0 18.6	-0.83 - 8.0	7.5/06.0	26571
2005 GG ₁₃₀	2007 11 15.8	03 22.26 -05 40.5 19.7	-0.96 - 2.1	8.2/10.7	26744
2003 QG ₅₂	2007 11 15.8	03 22.27 +12 58.4 19.8	-1.08 - 3.3	2.3/14.8	04257
1998 BF ₅	2007 11 15.8	03 22.28 -05 23.3 20.3	-0.76 - 2.1	6.2/10.7	26552
2002 NF ₄₁	2007 11 15.8	03 22.29 +12 39.1 20.0	-0.99 - 1.7	2.1/14.8	26625
2006 QK ₂₈	2007 11 15.8	03 22.31 +13 44.5 19.3	-0.99 + 2.1	1.6/15.2	04024
2003 SK ₁₈₁	2007 11 15.8	03 22.34 +17 27.5 19.9	-1.05 - 5.7	9.8/06.0	18060
2005 AQ ₂₇	2007 11 15.8	03 22.34 +10 58.3 19.6	-1.08 - 3.3	3.3/14.4	77801

2002 SE ₂₄	2007 11 15.8	03 22.35 +11 14.7 19.6	-0.88 - 3.9	2.7/14.3	25880
2001 UM ₃	2007 11 15.8	03 22.39 +18 58.4 19.7	-0.88 - 1.7	7.2/27.0	66227
2005 ES ₁₁	2007 11 15.8	03 22.40 +23 48.6 20.7	-1.11 - 2.9	1.9/16.8	77818
2005 ED ₂₅₃	2007 11 15.8	03 22.46 -03 59.7 19.0	-0.98 - 1.8	9.7/11.2	26738
2006 GC ₃₅	2007 11 15.8	03 22.48 +16 50.9 20.8	-1.15 - 2.8	0.7/15.6	01583
2005 EX ₂₂₄	2007 11 15.8	03 22.49 -16 10.9 19.6	-0.99 + 2.3	12.9/10.1	26738
2002 JQ ₃₂	2007 11 15.8	03 22.50 +17 23.4 21.0	-1.02 - 4.4	0.4/15.6	18011
2003 WR ₁₅₂	2007 11 15.8	03 22.51 +36 38.9 19.6	-1.24 + 0.3	6.5/18.9	76261
2000 SY ₃₄₅	2007 11 15.8	03 22.52 +23 53.6 19.5	-1.11 - 5.2	2.5/17.0	02012
2001 TK ₅₃	2007 11 15.8	03 22.52 -05 33.8 19.9	-0.76 - 8.4	7.6/09.4	85014
2002 GE ₅₂	2007 11 15.8	03 22.55 +12 22.9 20.7	-1.05 - 4.7	2.5/14.6	72594
2005 ES ₇₆	2007 11 15.8	03 22.63 +15 29.3 20.0	-0.93 - 4.2	1.1/15.3	26732
2005 GD ₅₂	2007 11 15.9	03 22.55 +17 35.7 21.6	-0.81 - 3.2	0.2/15.7	14155
2002 PR ₁₀₄	2007 11 15.9	03 22.60 +01 17.2 19.6	-0.87 - 5.5	6.0/12.0	26628
2002 XA ₁₁₀	2007 11 15.9	03 22.61 +26 31.7 19.4	-0.89 - 5.7	2.7/17.8	10952
2004 AF ₂₆	2007 11 15.9	03 22.61 +12 38.5 18.5	-0.88 - 9.8	2.5/14.3	76370
2001 UK ₁₁₁	2007 11 15.9	03 22.62 +25 01.8 19.5	-0.87 - 3.0	2.1/17.3	26603
2005 GV ₃₅	2007 11 15.9	03 22.63 +12 03.2 18.8	-1.00 - 0.1	2.3/14.9	77075
2005 EE ₉₅	2007 11 15.9	03 22.63 +12 16.0 20.0	-0.99 - 7.0	2.7/14.5	89632
2002 GE ₃₅	2007 11 15.9	03 22.64 +10 55.0 19.9	-1.09 - 1.7	3.0/14.6	26617
2005 JC ₅₂	2007 11 15.9	03 22.66 +14 33.8 21.2	-0.86 - 2.7	1.2/15.1	77219
2003 YF ₁₄₅	2007 11 15.9	03 22.68 +25 52.1 19.5	-1.02 - 0.8	2.4/17.2	25984
2004 BU ₁₅₆	2007 11 15.9	03 22.77 +09 11.2 20.7	-0.85 - 2.3	2.9/14.1	25990
2006 KA ₅₆	2007 11 15.9	03 22.79 +16 40.5 19.5	-0.87 - 3.2	0.6/15.6	26768
2001 RC ₄₀	2007 11 15.9	03 22.81 +16 35.4 20.3	-0.86 - 3.2	0.7/15.6	26596
1994 XB ₂	2007 11 15.9	03 22.81 +07 32.4 20.6	-0.95 - 2.6	3.7/13.8	87329
2003 WZ ₁₆	2007 11 15.9	03 22.82 +22 26.2 20.1	-1.08 - 1.9	1.4/16.7	26690
2004 GT ₃₂	2007 11 15.9	03 22.84 +25 13.2 20.7	-0.91 - 1.9	2.0/17.3	14112
2001 SP ₂₃₂	2007 11 15.9	03 22.86 +31 33.2 20.5	-1.08 + 0.4	4.4/18.3	23765
2003 WQ ₉₀	2007 11 15.9	03 22.87 +26 30.0 19.7	-1.01 - 7.5	2.8/17.9	76224
2006 HX ₄₀	2007 11 15.9	03 22.90 +03 09.0 21.8	-1.02 + 0.5	5.4/13.7	01658
2000 ED ₁₆₄	2007 11 15.9	03 22.95 +21 57.9 19.4	-0.97 - 3.2	1.3/16.7	74754
2006 QO ₂₁	2007 11 16.0	03 22.96 +18 44.8 20.9	-0.94 - 4.6	0.1/16.0	09635
1999 TO ₂₅₃	2007 11 16.0	03 22.96 +22 32.9 20.3	-1.07 - 4.1	1.4/16.8	26559
2006 JT ₁₉	2007 11 16.0	03 22.97 +12 47.9 20.7	-1.03 - 7.2	2.2/14.7	26765
2003 TX ₁₇	2007 11 16.0	03 22.98 +10 27.1 19.4	-0.98 - 5.0	3.3/14.3	26677
2001 RH ₁₂₉	2007 11 16.0	03 22.99 +24 53.5 19.6	-0.93 - 1.8	1.9/17.2	10790
2001 OX ₂₂	2007 11 16.0	03 23.07 +44 47.3 17.4	-1.00 -11.9	9.5/24.8	21304
2000 ST ₅₆	2007 11 16.0	03 23.09 +13 52.8 18.8	-1.01 - 5.3	2.3/15.0	26576
2005 EV ₁₄₂	2007 11 16.0	03 23.11 +17 55.1 19.9	-1.00 - 2.5	0.2/15.9	26735
2000 GA ₁₃₁	2007 11 16.0	03 23.12 +16 55.7 19.5	-0.87 - 4.6	0.6/15.7	26570
2004 BE ₁₈	2007 11 16.0	03 23.16 +15 27.5 17.6	-1.14 + 5.2	1.4/15.7	25986
2001 PT ₅₄	2007 11 16.0	03 23.24 +13 19.0 19.8	-0.85 - 3.7	1.7/15.0	26593
2003 UE ₁₀	2007 11 16.0	03 23.24 +21 01.9 19.0	-1.11 - 1.2	0.9/16.5	26678
2002 GF ₉₅	2007 11 16.0	03 23.24 +23 30.5 18.9	-1.12 - 5.7	2.0/17.1	02095
2002 RS ₆₉	2007 11 16.0	03 23.35 +31 11.2 19.6	-1.14 - 2.5	4.5/18.6	26635
2005 JY ₆₅	2007 11 16.0	03 23.36 +07 50.7 21.2	-0.75 - 4.7	2.8/13.6	26746
2005 CG ₇₃	2007 11 16.1	03 23.40 +17 02.7 21.9	-1.03 - 3.2	0.5/15.8	03663
2000 EQ ₁₀	2007 11 16.1	03 23.45 +35 22.0 19.1	-1.09 - 1.7	5.4/19.5	10729
2002 RZ ₁₄₂	2007 11 16.1	03 23.48 +18 50.2 20.6	-0.93 - 4.5	0.1/16.2	26636
2004 EX ₇₁	2007 11 16.1	03 23.52 +32 49.9 20.1	-0.95 - 2.0	4.1/19.0	26712

2003 QN ₅₈	2007 11 16.1	03 23.54 +17 30.5 18.7	-1.01 - 1.7	0.5/15.9	77701
2005 ED ₂₂₅	2007 11 16.1	03 23.57 +04 39.8 20.4	-1.24 + 2.7	5.2/14.3	77848
2002 EO ₆₇	2007 11 16.1	03 23.60 +20 20.6 19.6	-1.07 - 4.5	0.6/16.5	26614
2006 QG ₉₃	2007 11 16.1	03 23.61 +31 54.3 19.7	-1.06 - 2.3	4.8/18.7	26771
2001 QV ₂₉₂	2007 11 16.1	03 23.64 +35 27.0 21.0	-0.99 - 3.9	4.9/20.0	10784
2005 EF ₁₈₁	2007 11 16.1	03 23.65 +20 16.0 19.0	-1.12 - 1.7	0.7/16.4	26736
2005 ET ₂₈₁	2007 11 16.1	03 23.74 -00 26.0 21.0	-0.90 - 2.8	6.1/12.2	77012
2003 UZ ₁₆₄	2007 11 16.1	03 23.76 +21 44.2 20.1	-1.02 - 2.7	1.5/16.8	26683
2001 TZ ₈₆	2007 11 16.1	03 23.76 +08 55.1 19.7	-0.77 - 7.0	3.0/13.8	26601
2002 RH ₂₀₄	2007 11 16.1	03 23.76 +12 07.3 18.5	-0.90 - 5.1	2.4/14.8	26638
1999 XN ₁₂₂	2007 11 16.1	03 23.78 +28 25.6 18.4	-0.76 - 3.4	2.7/18.4	26564
2002 CW ₁₀	2007 11 16.1	03 23.83 +21 24.1 18.3	-1.50 + 5.6	1.1/16.4	26608
2005 JP ₆₀	2007 11 16.1	03 23.86 +06 06.2 20.6	-0.93 + 2.0	3.3/14.4	87672
2003 UV ₁₅₅	2007 11 16.1	03 23.86 +02 09.3 20.2	-0.93 - 7.7	6.7/12.0	87596
2003 SN ₁₇₄	2007 11 16.1	03 23.88 +27 29.9 21.0	-1.17 - 3.2	3.4/17.9	87590
2003 WF ₁₆₃	2007 11 16.2	03 23.79 +16 14.9 20.8	-0.99 - 2.7	0.8/15.8	26696
1998 SQ ₁₅₅	2007 11 16.2	03 23.80 +11 08.1 18.3	-0.95 - 2.0	3.0/14.8	26554
2006 ME ₁₄	2007 11 16.2	03 23.82 +16 35.6 20.0	-1.06 + 0.1	0.7/15.9	26770
2003 UT ₂₀₅	2007 11 16.2	03 23.87 +21 12.7 18.4	-0.86 -12.9	1.2/17.0	26685
2000 DE ₉₁	2007 11 16.2	03 23.88 +13 44.3 20.3	-0.92 - 3.5	1.7/15.2	74742
1995 HW ₁	2007 11 16.2	03 23.94 +04 41.2 19.9	-1.10 + 0.6	5.5/14.2	99878
2004 DS ₄₆	2007 11 16.2	03 23.96 +35 48.9 20.3	-0.95 - 3.1	4.7/20.0	08931
2005 EZ ₁₃	2007 11 16.2	03 24.04 +18 52.6 19.2	-1.12 - 2.5	0.1/16.3	24458
2002 TP ₁₂₇	2007 11 16.2	03 24.04 +30 34.1 18.5	-1.02 - 4.6	4.5/19.0	24379
2003 WB ₁₇	2007 11 16.2	03 24.07 +32 12.8 19.7	-1.05 - 7.5	5.0/19.6	57254
2001 QE ₁₃₃	2007 11 16.2	03 24.16 +40 54.2 18.2	-1.00 - 5.5	8.4/22.1	40346
2000 WO ₁₂₂	2007 11 16.2	03 24.18 +24 03.7 18.5	-1.06 - 6.8	2.4/17.5	26583
1999 JB ₁₃₄	2007 11 16.2	03 24.21 +22 06.2 20.3	-0.90 - 1.0	1.0/16.9	26556
2002 TD ₉₅	2007 11 16.2	03 24.23 +24 26.1 19.8	-0.97 - 2.7	2.1/17.4	94856
2006 OM ₁₃	2007 11 16.2	03 24.26 +42 04.8 19.8	-1.02 - 4.1	6.8/22.1	11175
2001 SY ₃₁₃	2007 11 16.2	03 24.29 +17 12.3 19.1	-0.97 + 0.7	0.5/16.1	26600
2004 PM ₆₄	2007 11 16.2	03 24.30 +55 54.4 19.1	-1.93 0.0	18.2/25.2	73021
2007 RA ₂₄₂	2007 11 16.3	03 24.22 +27 44.1 18.5	-1.26 + 4.4	4.1/17.3	26487
2002 OW ₁₃	2007 11 16.3	03 24.22 -02 45.6 21.0	-0.90 - 3.5	7.6/12.1	89300
2000 QA ₁₄₄	2007 11 16.3	03 24.27 +16 30.9 18.1	-1.00 - 0.9	1.2/16.0	26573
1998 DP ₁₂	2007 11 16.3	03 24.29 +16 01.7 19.0	-0.86 - 3.3	0.9/15.8	26552
2003 YP ₁₈₀	2007 11 16.3	03 24.32 +24 51.3 20.2	-0.94 - 2.5	1.8/17.5	14708
1998 SX ₄₀	2007 11 16.3	03 24.33 +37 34.2 20.4	-1.22 - 0.9	6.4/19.7	74585
2005 EN ₆₂	2007 11 16.3	03 24.34 +28 02.6 20.2	-1.05 - 3.2	3.2/18.3	76819
2002 PF ₁₆₆	2007 11 16.3	03 24.40 -05 15.3 20.1	-0.89 - 3.0	8.1/11.3	26629
2003 WQ ₁₁₉	2007 11 16.3	03 24.40 +21 07.2 19.1	-1.06 - 1.4	1.0/16.8	26694
2000 DD ₉₃	2007 11 16.3	03 24.41 +25 22.5 20.2	-1.08 - 2.3	2.4/17.6	10728
2002 EK ₁₆	2007 11 16.3	03 24.46 +11 32.4 20.2	-1.00 - 5.7	2.5/14.8	26613
2003 PH ₆	2007 11 16.3	03 24.47 +28 55.3 19.1	-1.10 - 6.3	4.6/18.8	26660
2004 FQ ₁₅₆	2007 11 16.3	03 24.48 +13 56.7 19.3	-0.86 - 3.2	1.7/15.4	26713
2001 SW ₁₅₆	2007 11 16.3	03 24.48 +36 51.8 19.2	-1.02 - 1.8	6.6/20.2	84926
2001 QE ₂₂₅	2007 11 16.3	03 24.50 +31 46.3 19.9	-0.99 - 2.2	4.6/19.0	88847
2003 SC ₃₃₉	2007 11 16.3	03 24.51 +16 00.1 20.8	-1.07 - 2.2	1.0/15.9	26676
2006 KA ₁₁₉	2007 11 16.3	03 24.63 +04 32.3 20.5	-0.88 - 3.1	4.3/13.6	11172
2003 YA ₃₅	2007 11 16.3	03 24.66 -06 54.1 19.5	-0.78 - 1.8	6.8/11.0	11010
2001 SR ₂₂₁	2007 11 16.3	03 24.67 +17 53.5 19.2	-0.87 - 2.2	0.3/16.2	26600

2006 QK ₁₈	2007 11 16.3	03 24.68 +40 39.5 20.1	-1.14 - 0.6	6.7/20.7	11185
2000 FH ₁₀	2007 11 16.3	03 24.69 +39 40.3 19.0	-1.81 + 3.8	13.2/19.2	97372
2002 PZ ₁₅₆	2007 11 16.3	03 24.69 +15 41.3 20.2	-0.97 - 3.2	1.0/15.8	26629
2000 SQ ₁₂₄	2007 11 16.4	03 24.68 +22 04.0 18.1	-1.20 + 1.1	1.6/16.9	26577
2002 PK ₁₇₄	2007 11 16.4	03 24.73 +09 24.5 21.1	-0.89 - 6.0	2.9/14.3	02116
2000 DF ₁₁₆	2007 11 16.4	03 24.74 +20 47.6 19.5	-0.96 - 5.8	0.8/16.9	26569
2002 GK ₇₉	2007 11 16.4	03 24.74 +14 51.6 20.0	-1.05 - 5.1	1.5/15.6	26618
2002 RM ₁₄₄	2007 11 16.4	03 24.74 +29 12.1 19.6	-1.05 - 2.4	3.7/18.5	04219
2003 WO ₁₇₀	2007 11 16.4	03 24.77 -05 48.1 20.5	-0.76 - 1.6	5.7/11.3	26696
2006 HT ₁₂₀	2007 11 16.4	03 24.77 +10 12.8 19.7	-1.09 + 0.2	3.8/15.2	01729
2002 JA ₉₁	2007 11 16.4	03 24.79 +21 11.8 20.1	-1.13 - 1.3	1.0/16.9	26622
2002 TY ₁₂₁	2007 11 16.4	03 24.80 +36 01.0 19.9	-1.15 - 0.9	6.5/19.8	50144
2005 BM ₁₁	2007 11 16.4	03 24.82 +09 38.0 20.5	-1.02 - 3.1	3.2/14.7	00911
2007 SL ₁₁	2007 11 16.4	03 24.82 +40 26.9 17.1	-1.25 +10.9	12.3/18.0	26811
2002 PJ ₁₀	2007 11 16.4	03 24.83 +32 12.6 19.5	-1.02 - 5.7	5.3/19.6	00302
2001 SH ₂₉₁	2007 11 16.4	03 24.84 +38 09.1 19.2	-0.99 - 6.3	6.1/21.5	04170
2003 AK ₇₆	2007 11 16.4	03 24.89 +15 31.6 17.9	-1.00 + 1.5	1.2/16.0	25904
2002 LX ₄₆	2007 11 16.4	03 24.89 -04 36.2 19.5	-0.94 - 1.4	8.6/12.3	26624
2005 GW ₉₇	2007 11 16.4	03 24.90 +19 59.1 17.8	-1.19 + 5.7	0.6/16.6	26048
2001 QD ₁₃₀	2007 11 16.4	03 24.91 +51 46.6 18.6	-1.20 - 4.4	11.7/25.9	04155
2003 YC ₁₁₆	2007 11 16.4	03 24.93 +02 05.1 20.1	-0.92 - 0.4	5.2/13.5	76343
2001 RL ₁₄₅	2007 11 16.4	03 25.02 +34 26.3 19.9	-0.98 - 3.6	4.6/19.9	10790
2005 NF ₂	2007 11 16.4	03 25.03 +47 25.3 21.8	-1.03 - 3.6	6.5/23.5	86866
2000 SS ₇	2007 11 16.5	03 25.08 +22 14.8 18.3	-1.04 - 7.4	1.6/17.3	26575
2000 FP ₁₉	2007 11 16.5	03 25.10 +06 27.6 19.5	-0.90 - 2.7	4.0/14.1	26570
2004 YA ₂₇	2007 11 16.5	03 25.11 +21 17.0 19.9	-1.06 0.0	0.8/16.9	26720
2004 FG ₆₅	2007 11 16.5	03 25.12 +35 28.4 20.6	-1.11 + 1.0	5.2/19.2	86413
1999 XO ₁₀₄	2007 11 16.5	03 25.16 -23 45.7 19.3	-1.17 + 4.5	14.6/09.1	87363
2003 UL ₇₃	2007 11 16.5	03 25.27 +20 53.5 20.3	-1.10 - 0.8	0.8/16.9	26680
2005 ES ₇₄	2007 11 16.5	03 25.28 +12 37.9 20.3	-0.97 - 3.7	2.2/15.3	76833
2006 KO ₃₈	2007 11 16.5	03 25.28 +19 15.0 19.0	-1.17 -17.5	0.2/16.7	01807
2003 UQ ₂₄	2007 11 16.5	03 25.35 +14 25.6 17.2	-1.85 +17.0	2.2/16.6	66315
2001 TU ₁₅₀	2007 11 16.5	03 25.36 +09 16.6 19.1	-0.82 - 2.0	3.3/14.8	26601
2002 TC ₁₇₂	2007 11 16.5	03 25.37 +21 22.6 18.8	-0.92 - 8.3	1.0/17.2	50685
2005 CN ₆₈	2007 11 16.5	03 25.41 +13 55.7 19.1	-1.04 - 6.2	2.2/15.5	26728
2001 TU ₁₇₆	2007 11 16.5	03 25.42 +38 17.1 19.5	-1.08 - 0.2	6.0/20.2	10813
2000 DV ₁₀₅	2007 11 16.5	03 25.44 +09 59.4 19.0	-0.93 - 2.5	3.0/14.9	04132
2003 AR ₅₂	2007 11 16.5	03 25.44 +35 09.4 20.1	-0.97 - 3.0	5.1/20.0	22727
2000 CX ₂	2007 11 16.5	03 25.45 +13 56.2 18.5	-0.97 - 2.3	1.9/15.7	26567
2004 RJ ₁₁₀	2007 11 16.5	03 25.45 -01 19.6 18.3	-1.00 -20.5	9.6/09.7	26714
2006 LZ	2007 11 16.5	03 25.46 +20 56.1 19.5	-1.01 - 5.1	0.8/17.1	26770
2004 BD ₄₂	2007 11 16.5	03 25.46 +34 00.8 19.7	-1.12 - 1.5	6.4/19.3	61785
2006 QF ₁₃₇	2007 11 16.5	03 25.50 +35 14.7 20.6	-1.00 - 2.7	5.2/20.0	09755
2006 PJ ₃₉	2007 11 16.5	03 25.53 +36 54.2 19.8	-1.08 - 2.2	6.1/20.4	11181
2001 BF ₂₃	2007 11 16.6	03 25.43 +14 06.4 19.6	-1.03 - 2.9	1.8/15.7	26586
2006 OV	2007 11 16.6	03 25.45 +18 40.7 19.9	-0.84 - 6.4	0.0/16.6	26771
2004 XH ₉₇	2007 11 16.6	03 25.46 +15 04.8 19.5	-1.14 - 1.1	1.5/16.0	26718
2002 AE ₁₃	2007 11 16.6	03 25.46 +26 40.0 19.6	-1.16 - 4.8	3.0/18.2	02061
2002 QT ₃₅	2007 11 16.6	03 25.48 -16 42.5 19.1	-0.85 - 3.0	12.7/07.7	77627
2001 TO ₁₇₂	2007 11 16.6	03 25.48 +22 20.7 18.8	-0.94 - 0.1	1.2/17.2	26602
2003 WX ₇₉	2007 11 16.6	03 25.51 +21 58.1 18.7	-1.00 - 1.5	1.6/17.2	26692

2000 EE ₁₃₄	2007 11 16.6	03 25.54 +28 24.7 19.7	-1.18 + 1.3	3.6/18.0	57764
2003 UR ₂₇₇	2007 11 16.6	03 25.55 +16 52.7 19.1	-1.03 - 1.7	0.9/16.3	26688
2004 EK ₅₀	2007 11 16.6	03 25.63 +22 41.5 19.2	-0.99 + 0.4	1.4/17.3	25996
2005 CS ₂₂	2007 11 16.6	03 25.64 +24 41.8 18.7	-1.19 - 1.0	2.7/17.6	26726
2006 OA ₁₆	2007 11 16.6	03 25.64 +53 41.0 19.6	-1.45 - 2.0	12.2/24.8	11176
2000 YS ₁₀₇	2007 11 16.6	03 25.65 +22 00.0 18.5	-1.07 - 3.2	1.5/17.3	26585
2007 RC ₃₉	2007 11 16.6	03 25.66 +16 29.2 17.7	-0.80 - 4.1	1.0/16.2	26378
2002 PP ₁₃₃	2007 11 16.6	03 25.68 -00 33.0 19.4	-0.89 - 2.9	6.9/12.8	26629
1996 RM ₁	2007 11 16.6	03 25.69 +01 29.2 20.1	-1.09 - 3.7	6.6/13.6	26550
2002 TK ₃₂₇	2007 11 16.6	03 25.71 +23 39.9 20.3	-1.01 - 1.2	1.9/17.5	25889
2005 JZ ₉₄	2007 11 16.6	03 25.77 +18 45.8 19.2	-0.93 - 0.3	0.0/16.7	26747
2001 SQ ₁₃₁	2007 11 16.6	03 25.81 +33 46.9 19.7	-1.01 - 1.2	4.8/19.5	61039
2004 DG ₅₉	2007 11 16.6	03 25.82 -08 14.7 19.7	-0.75 - 3.4	7.7/10.5	11035
2001 DG ₁₅	2007 11 16.6	03 25.86 +13 28.7 17.9	-1.08 + 0.2	2.5/15.9	87418
2002 YA ₁₀	2007 11 16.6	03 25.88 +05 21.3 18.6	-0.89 + 0.1	4.7/14.4	26655
1999 XW ₂₀₅	2007 11 16.6	03 25.97 +54 29.8 18.6	-1.41 - 4.3	13.6/26.5	04127
2005 GW ₇₄	2007 11 16.7	03 25.87 +02 20.4 19.7	-0.84 - 6.6	5.6/12.7	02250
2002 JJ ₁₄₁	2007 11 16.7	03 25.87 +24 27.2 20.5	-1.03 - 6.8	1.9/18.0	75358
2006 QQ ₉₉	2007 11 16.7	03 25.90 +39 30.8 19.4	-0.97 - 4.6	6.3/21.8	09716
2002 GH ₁₀₈	2007 11 16.7	03 25.90 +08 58.0 19.4	-1.04 - 1.8	3.7/15.0	02096
2004 FU ₁₀₈	2007 11 16.7	03 25.92 +18 15.3 19.6	-0.89 - 2.5	0.2/16.6	26712
2002 QP ₆	2007 11 16.7	03 25.92 +23 34.9 18.9	-0.93 - 6.2	1.9/17.8	26630
2003 RD ₁₉	2007 11 16.7	03 26.02 +10 14.9 19.5	-1.00 - 5.1	3.7/15.0	26665
2002 GA ₁₈₂	2007 11 16.7	03 26.03 +12 15.0 19.5	-0.99 - 6.7	2.6/15.3	26620
2003 WF ₁₂₁	2007 11 16.7	03 26.05 +20 55.6 17.5	-0.91 + 2.2	1.2/17.1	26694
2002 YF ₃₁	2007 11 16.7	03 26.09 +09 58.8 19.2	-0.81 - 2.6	2.7/15.0	66300
2002 PD ₄₀	2007 11 16.7	03 26.10 -13 25.5 21.0	-0.86 - 3.8	8.1/09.7	10884
2005 GY ₁₅₇	2007 11 16.7	03 26.10 +22 15.8 20.6	-0.98 - 0.8	1.1/17.4	26744
2002 TB ₃₇₆	2007 11 16.7	03 26.11 +35 34.7 19.7	-1.04 - 3.1	5.9/20.4	08486
2003 UD ₂₂₄	2007 11 16.7	03 26.18 +25 33.0 19.2	-1.08 - 2.4	2.9/18.1	21805
2001 SN ₂₁₉	2007 11 16.7	03 26.23 +16 16.9 20.1	-0.85 - 3.1	0.8/16.3	26599
2005 GP ₁₆₆	2007 11 16.7	03 26.27 +22 29.4 21.0	-0.97 - 0.6	1.2/17.4	77159
2005 JB ₁₆₀	2007 11 16.7	03 26.29 +21 36.5 19.9	-0.97 - 2.1	1.0/17.3	26747
2003 SX ₃₆₃	2007 11 16.8	03 26.26 +23 26.2 20.4	-1.08 - 5.4	2.0/17.8	22452
2003 SN ₂₈₆	2007 11 16.8	03 26.31 +24 58.5 19.6	-1.05 - 8.2	2.7/18.3	53503
2000 DT ₁₀	2007 11 16.8	03 26.34 +13 59.2 19.6	-0.93 - 3.5	1.9/15.9	10726
2003 MO ₂	2007 11 16.8	03 26.35 +06 26.9 19.6	-1.08 - 3.3	5.0/14.6	97658
2002 EF ₁₀₆	2007 11 16.8	03 26.35 +12 13.8 18.7	-1.14 - 1.0	2.8/15.8	26615
2002 GA ₁₆₄	2007 11 16.8	03 26.37 +14 04.2 20.0	-1.03 - 3.4	1.6/15.9	26620
2002 PN ₁₃₈	2007 11 16.8	03 26.42 -00 08.6 20.4	-0.90 - 4.2	6.4/13.0	00315
2001 AV ₄₄	2007 11 16.8	03 26.43 +08 47.3 18.3	-1.03 - 1.6	4.7/15.0	26586
2005 AC ₆₉	2007 11 16.8	03 26.43 +29 06.9 19.1	-1.27 0.0	4.8/18.5	26723
1996 TC ₄₂	2007 11 16.8	03 26.43 +13 01.3 18.7	-1.07 - 2.5	2.5/15.8	26550
2005 CZ ₅₂	2007 11 16.8	03 26.44 +20 02.1 20.4	-1.04 - 3.0	0.4/17.1	26728
2001 BN ₂₀	2007 11 16.8	03 26.46 +15 22.1 19.5	-1.06 - 1.9	1.3/16.2	74897
2005 JT ₂₃	2007 11 16.8	03 26.53 +17 34.9 21.0	-0.92 - 2.4	0.4/16.6	86726
2003 YJ ₁₅₁	2007 11 16.8	03 26.61 +34 27.7 19.5	-1.13 - 0.1	5.1/19.5	04284
2006 JN ₁₆	2007 11 16.8	03 26.63 +15 12.4 20.8	-1.06 - 4.1	1.3/16.2	26765
2001 RF ₁₁₅	2007 11 16.8	03 26.66 +03 33.6 20.5	-0.80 - 3.7	4.7/13.7	13789
2002 QA ₁₁₀	2007 11 16.8	03 26.66 +21 22.0 19.8	-0.97 - 4.1	1.0/17.4	26633
2001 SG ₂₅₅	2007 11 16.9	03 26.68 +08 58.7 20.5	-0.78 - 4.2	2.8/14.8	26600

2007 TP ₁₈₄	2007 11 16.9	03 26.72 +06 11.1 18.0	-0.96 - 1.2	6.2/14.9	26833
2000 CH ₁₃	2007 11 16.9	03 26.72 +13 14.4 19.7	-0.95 - 3.8	2.1/15.8	21754
2002 NF ₂₁	2007 11 16.9	03 26.73 +21 37.1 20.6	-1.00 - 4.8	0.9/17.5	00290
2003 SO ₃₂₅	2007 11 16.9	03 26.73 +15 02.0 20.4	-1.02 - 3.4	1.6/16.2	26676
2004 RY ₂₄₇	2007 11 16.9	03 26.76 +54 12.6 19.3	-1.51 - 8.1	17.8/28.6	73160
2002 TM ₃₄	2007 11 16.9	03 26.76 +25 57.7 19.5	-1.01 - 2.0	2.6/18.3	77656
2002 EJ ₁₁₁	2007 11 16.9	03 26.81 +18 51.6 18.6	-1.20 - 0.5	0.0/16.9	26615
2002 RG ₁₆₉	2007 11 16.9	03 26.82 +10 29.6 20.2	-0.89 - 4.2	2.9/15.2	25874
2000 JF ₃₀	2007 11 16.9	03 26.86 +21 16.8 19.4	-0.94 - 6.8	0.8/17.5	10737
1999 XM ₄₄	2007 11 16.9	03 26.86 +21 09.5 18.0	-0.98 - 4.8	1.0/17.4	26563
2003 SV ₂₄₂	2007 11 16.9	03 26.89 +18 58.3 19.8	-1.06 - 2.1	0.1/17.0	24407
2005 AA ₂	2007 11 16.9	03 26.89 +30 11.8 18.4	-1.10 - 6.0	5.6/19.5	26720
1998 DL ₁₂	2007 11 16.9	03 26.90 +14 49.1 20.8	-1.04 - 2.9	1.4/16.2	26552
2001 SW ₃₄₁	2007 11 16.9	03 26.93 +44 17.1 19.3	-1.33 + 2.2	7.7/21.3	10804
2003 YM ₁₅₆	2007 11 16.9	03 26.93 +07 18.8 18.7	-0.92 - 2.7	5.0/14.7	25984
2005 EZ ₁₄	2007 11 16.9	03 26.94 +19 36.9 20.7	-0.92 - 3.0	0.2/17.1	03665
2001 RF ₅₆	2007 11 16.9	03 26.95 +12 04.7 19.6	-0.86 - 2.0	2.5/15.7	25831
2000 BL ₂	2007 11 16.9	03 27.0 +74 07.8 18.7	-3.19 +11.9	27.7/02.0	68640
2001 CM ₃₃	2007 11 16.9	03 27.01 +29 21.8 19.4	-1.28 + 1.2	4.3/18.4	77508
2000 CS ₁₃₅	2007 11 16.9	03 27.06 +09 22.3 19.2	-0.92 - 3.1	3.5/15.1	26568
2003 QW ₉	2007 11 16.9	03 27.11 +10 49.4 19.5	-1.13 - 0.7	3.3/15.8	10979
2001 SB ₂₁₈	2007 11 16.9	03 27.11 +19 27.9 19.8	-0.87 - 2.6	0.2/17.1	26599
2004 GN ₂	2007 11 16.9	03 27.15 -11 36.8 19.8	-0.88 + 1.4	9.4/11.6	86446
2005 JF ₁₃₁	2007 11 16.9	03 27.16 +06 34.0 20.1	-0.89 - 1.1	4.1/14.8	89668
2002 RN ₁	2007 11 17.0	03 27.11 +32 12.1 18.0	-0.97 - 8.6	5.4/20.5	26634
2005 JU ₁₆₆	2007 11 17.0	03 27.12 +19 01.0 19.6	-0.83 - 5.5	0.1/17.1	26747
2006 HG ₄₂	2007 11 17.0	03 27.16 +22 28.1 19.5	-1.14 - 5.4	1.4/17.8	26761
2003 WD ₂	2007 11 17.0	03 27.19 +20 37.5 18.8	-1.02 - 3.8	0.7/17.4	26689
2005 GV ₆₀	2007 11 17.0	03 27.30 +40 29.9 20.6	-1.15 - 3.3	6.7/21.6	11092
1999 CH ₁₄₄	2007 11 17.0	03 27.31 +19 25.0 21.0	-0.86 - 3.0	0.2/17.2	10700
2004 FC ₁₁₂	2007 11 17.0	03 27.31 +06 24.8 20.6	-0.77 - 4.5	3.7/14.3	11048
2002 JJ ₂₁	2007 11 17.0	03 27.32 +23 09.2 20.5	-1.09 - 3.1	1.5/17.9	26621
2005 GD ₁₆	2007 11 17.0	03 27.33 +07 56.8 19.7	-0.96 - 5.2	4.7/14.7	11090
2005 EE ₈₂	2007 11 17.0	03 27.33 +18 38.0 19.9	-0.98 - 3.9	0.1/17.0	86648
2003 WW ₁₆₂	2007 11 17.0	03 27.40 +13 56.2 19.3	-0.98 - 3.1	2.0/16.1	26696
2001 SC ₂₀₀	2007 11 17.0	03 27.41 +20 06.6 20.5	-0.88 - 2.7	0.4/17.3	26599
1994 SF ₅	2007 11 17.0	03 27.42 +01 15.7 19.9	-0.88 - 6.3	6.3/13.0	47693
2005 GY ₉₉	2007 11 17.0	03 27.45 -01 34.9 20.7	-0.89 - 3.7	6.2/12.7	11093
2003 UK ₁₅₀	2007 11 17.0	03 27.46 +00 29.0 18.4	-0.93 - 2.4	7.2/13.6	26683
2005 CC ₄₀	2007 11 17.0	03 27.46 +22 53.2 20.4	-1.04 - 2.9	1.4/17.8	02243
2004 FM ₁₃	2007 11 17.0	03 27.47 +32 01.2 20.4	-0.95 - 2.6	4.1/19.8	11043
2003 YZ ₅₁	2007 11 17.0	03 27.48 -00 48.0 19.2	-1.05 + 2.3	8.4/14.1	95150
2005 EF ₁₇₀	2007 11 17.0	03 27.53 +13 53.3 20.0	-0.90 - 2.2	1.6/16.2	26736
2002 GK ₁₅₀	2007 11 17.0	03 27.54 +21 32.8 20.7	-1.09 - 3.9	1.0/17.6	10872
2003 SL ₇₅	2007 11 17.0	03 27.55 +19 11.9 18.9	-1.03 - 4.0	0.2/17.2	26668
2002 LP ₂₈	2007 11 17.1	03 27.56 +20 55.6 19.6	-0.99 - 7.5	0.7/17.6	26624
2001 SO ₂₇₃	2007 11 17.1	03 27.57 +13 49.6 20.4	-0.82 - 3.1	1.5/16.1	26600
2002 FX ₃₈	2007 11 17.1	03 27.57 +46 04.1 20.0	-1.66 + 2.1	9.7/21.2	00224
2002 TY ₃₄₂	2007 11 17.1	03 27.58 +04 51.4 20.1	-0.87 - 3.8	4.8/14.1	77671
2002 AD ₂₀₆	2007 11 17.1	03 27.58 +02 23.0 20.2	-0.78 - 2.0	4.7/13.8	75275
2001 SA ₁₀₂	2007 11 17.1	03 27.59 +10 05.5 20.4	-0.80 - 4.4	2.6/15.2	26598

2001 HA ₃	2007 11 17.1	03 27.59 +14 18.4 20.7	-0.93 - 4.3	1.4/16.2	10766
2006 JO ₁₂	2007 11 17.1	03 27.63 +07 18.9 18.5	-0.97 + 0.9	4.3/15.5	26167
2005 CO ₃₇	2007 11 17.1	03 27.67 +19 17.7 20.2	-1.07 - 4.4	0.2/17.2	26727
2001 QJ ₂₈₃	2007 11 17.1	03 27.68 +14 44.6 17.9	-0.79 - 8.5	1.5/16.1	26595
2001 UD ₃₈	2007 11 17.1	03 27.71 +28 43.6 19.3	-0.95 - 1.0	2.9/19.0	10818
2005 JK ₁₅₁	2007 11 17.1	03 27.73 -01 34.8 20.5	-0.80 - 0.7	5.4/13.4	87676
2003 SP ₁₃₂	2007 11 17.1	03 27.78 +17 01.0 20.7	-1.05 - 4.0	0.7/16.8	26669
2003 XA ₂₂	2007 11 17.1	03 27.81 -06 23.6 17.8	-0.79 - 2.3	12.2/11.7	26697
2001 RO ₉₅	2007 11 17.1	03 27.82 -06 35.9 18.8	-0.73 - 5.1	9.6/10.9	26596
2004 NC ₁₅	2007 11 17.1	03 27.84 +50 56.3 18.8	-1.51 -11.8	16.1/27.9	65897
2001 FM ₁₆	2007 11 17.1	03 27.84 +26 26.9 19.5	-1.03 - 2.2	2.3/18.6	26589
2005 CM ₆₈	2007 11 17.1	03 27.86 +33 48.5 19.7	-1.15 - 4.4	5.3/20.3	11080
1999 XJ ₂₃₆	2007 11 17.1	03 27.91 +09 13.6 17.8	-0.94 + 2.0	4.9/15.8	26565
2004 EB ₁₉	2007 11 17.1	03 27.93 -09 06.2 21.5	-0.75 - 1.5	6.6/11.3	86346
2002 WF ₁₆	2007 11 17.1	03 27.97 +01 55.4 19.2	-0.83 - 2.4	5.8/13.8	26652
2003 QA ₅₅	2007 11 17.1	03 27.99 +15 25.5 19.2	-1.08 - 2.5	1.4/16.6	26663
2002 RS ₁₄₂	2007 11 17.2	03 27.98 +17 25.0 20.0	-0.91 - 5.4	0.5/16.9	26636
2005 GX ₁₆₄	2007 11 17.2	03 28.01 +26 52.6 19.3	-1.08 + 0.9	2.9/18.5	86714
2002 RF ₁	2007 11 17.2	03 28.03 +33 08.1 19.9	-1.08 - 3.2	5.0/20.2	41775
2006 LZ ₇	2007 11 17.2	03 28.04 +23 03.6 19.7	-1.10 0.0	1.4/17.9	11172
2005 LN ₃₇	2007 11 17.2	03 28.06 +05 40.2 20.3	-0.81 - 2.4	4.2/14.6	03707
2001 UP ₁₈₄	2007 11 17.2	03 28.07 +38 03.0 20.3	-1.16 + 1.8	5.6/20.2	03259
2003 UQ ₂	2007 11 17.2	03 28.13 +13 52.3 20.0	-1.03 - 3.8	2.1/16.3	26677
2001 TX ₅₈	2007 11 17.2	03 28.21 +08 17.3 19.8	-0.78 - 6.9	3.3/14.7	26601
2002 XE ₆₆	2007 11 17.2	03 28.22 +25 49.4 18.0	-1.30 + 6.3	2.6/17.8	26654
2003 QB ₁₁₄	2007 11 17.2	03 28.22 +19 04.0 19.4	-0.96 - 6.8	0.1/17.3	08727
2003 YP ₁₃₈	2007 11 17.2	03 28.23 -03 52.5 19.6	-0.92 - 0.2	8.7/13.1	25983
2000 QU ₆₈	2007 11 17.2	03 28.25 +14 30.0 18.7	-0.99 - 8.3	2.1/16.2	26573
2002 TB ₆₂	2007 11 17.2	03 28.25 +21 36.8 19.4	-0.92 - 6.8	1.0/17.9	50675
2004 DY ₁₁	2007 11 17.2	03 28.28 +15 17.7 19.7	-0.88 - 2.6	1.2/16.6	26710
2005 CT ₃₆	2007 11 17.2	03 28.28 +22 04.5 20.3	-1.04 - 3.1	1.1/17.9	04314
2002 QO ₂₈	2007 11 17.2	03 28.30 +27 05.0 19.5	-1.08 - 2.4	3.1/18.8	77626
2001 DL ₄₄	2007 11 17.2	03 28.31 +42 05.2 18.2	-1.28 - 2.4	8.2/22.2	77512
2006 GP ₄₀	2007 11 17.2	03 28.34 +14 46.1 20.1	-1.15 - 2.5	1.6/16.6	26759
6847 P-L	2007 11 17.2	03 28.35 +03 19.9 19.5	-0.69 - 3.1	4.7/14.0	26834
2005 JB ₂₀	2007 11 17.2	03 28.36 +06 05.6 20.6	-0.94 - 0.7	3.8/15.1	77881
2006 OL ₉	2007 11 17.2	03 28.38 +17 03.6 19.6	-0.94 + 0.1	0.6/17.0	26771
2005 CF ₃₇	2007 11 17.2	03 28.38 +20 31.9 20.9	-1.07 - 2.8	0.6/17.6	76668
2000 TR ₆₇	2007 11 17.2	03 28.41 +21 04.8 19.2	-1.13 - 4.5	1.0/17.7	24316
2002 NJ ₃₇	2007 11 17.3	03 28.32 +08 01.3 20.4	-0.92 - 4.1	3.6/15.1	08274
2003 WD ₁₉₂	2007 11 17.3	03 28.37 +14 46.6 19.0	-0.86 - 9.6	1.9/16.3	26696
1999 RJ ₈₁	2007 11 17.3	03 28.39 +27 29.4 19.5	-1.14 - 2.7	3.3/18.9	10703
2005 LF ₉	2007 11 17.3	03 28.42 +16 19.8 19.6	-0.83 - 5.5	0.8/16.7	26748
2003 QJ ₅₆	2007 11 17.3	03 28.43 +23 19.8 19.3	-1.19 - 2.3	1.7/18.1	26663
2002 SN ₂₂	2007 11 17.3	03 28.46 +21 49.5 19.3	-0.99 - 1.9	1.1/17.9	24375
2006 QW ₁₉	2007 11 17.3	03 28.46 -19 59.7 21.3	-0.84 - 2.5	9.8/08.9	09632
2003 SW ₃₃₁	2007 11 17.3	03 28.48 +31 48.8 18.1	-1.25 + 1.4	6.0/19.4	25933
2002 XK ₂₈	2007 11 17.3	03 28.49 +22 35.8 18.7	-0.87 - 6.0	1.3/18.2	77682
2002 CU ₁₉₇	2007 11 17.3	03 28.53 +14 53.9 20.5	-1.08 - 3.5	1.5/16.6	26611
2006 MT ₂	2007 11 17.3	03 28.55 -00 41.3 20.8	-0.95 - 0.7	6.6/14.2	09580
2001 UT ₇	2007 11 17.3	03 28.55 +21 30.1 18.8	-0.83 - 6.0	0.8/18.0	26602

2004 QY ₄	2007 11 17.3	03 28.56 -20 56.0 20.1	-1.07 - 6.0	17.8/06.6	02206
2005 LU ₄₉	2007 11 17.3	03 28.60 -01 34.0 20.5	-0.90 + 1.9	6.0/14.3	21820
2003 SO ₁₄₃	2007 11 17.3	03 28.63 +28 02.8 20.0	-1.14 - 3.5	3.7/19.2	72874
2003 YZ ₁₃₄	2007 11 17.3	03 28.65 +42 22.0 19.0	-1.19 - 1.2	10.2/21.8	76350
2001 QD ₁₀₈	2007 11 17.3	03 28.66 +15 14.2 19.8	-0.87 - 2.6	1.2/16.7	26593
2002 TS ₁₂	2007 11 17.3	03 28.69 +08 41.5 19.2	-0.88 - 3.6	3.6/15.3	10916
1995 YZ ₂	2007 11 17.3	03 28.71 +50 36.7 18.1	-1.38 - 6.5	10.8/25.2	10686
2004 AV ₂₄	2007 11 17.3	03 28.73 +22 44.9 19.7	-0.98 - 2.3	1.5/18.1	21808
2002 TK ₃₇₆	2007 11 17.3	03 28.74 +42 21.8 18.7	-1.11 - 2.6	6.8/22.1	08488
2001 SW ₁₄₇	2007 11 17.3	03 28.75 +29 33.9 18.9	-0.92 - 3.4	3.6/19.6	10796
2003 WK ₁₅₆	2007 11 17.3	03 28.77 +23 57.4 19.8	-1.04 - 3.5	1.8/18.4	26691
2006 KA ₁₅	2007 11 17.3	03 28.80 +00 24.1 19.3	-1.04 + 2.0	7.4/15.0	26767
2003 YE ₈₈	2007 11 17.4	03 28.73 +20 29.6 18.4	-0.93 - 7.6	0.6/17.8	02198
2004 GC ₂₁	2007 11 17.4	03 28.74 +08 57.4 20.6	-0.83 - 1.5	2.8/15.5	65694
2005 GV ₁₂₈	2007 11 17.4	03 28.79 -19 50.3 21.8	-0.79 + 0.1	9.3/10.0	89656
2001 SJ ₂₅₀	2007 11 17.4	03 28.80 +26 56.8 20.5	-0.96 + 0.1	2.2/18.8	22687
2005 EL ₆₆	2007 11 17.4	03 28.80 -03 10.6 20.7	-0.90 - 1.4	7.0/13.3	11083
2006 QU ₁₂₉	2007 11 17.4	03 28.82 +27 12.1 21.5	-1.00 - 4.4	2.5/19.2	11200
2006 PF ₂₀	2007 11 17.4	03 28.84 +18 51.0 20.4	-0.90 - 0.7	0.0/17.4	03992
2005 EX ₂₅	2007 11 17.4	03 28.86 +23 01.3 20.0	-1.12 - 3.3	1.8/18.2	77820
1999 TR ₆₄	2007 11 17.4	03 28.88 +23 19.2 19.6	-1.04 - 2.8	2.0/18.3	77396
2002 QL ₇₂	2007 11 17.4	03 28.89 +12 15.3 21.9	-0.94 - 3.5	2.2/16.1	04213
2003 SU ₂₆₀	2007 11 17.4	03 28.92 +28 46.1 20.8	-1.18 - 3.3	3.7/19.3	87592
2005 EJ ₂₅₁	2007 11 17.4	03 28.99 +10 12.9 19.7	-1.03 - 1.6	3.3/15.9	09153
2002 TP ₁₀₁	2007 11 17.4	03 29.01 +19 45.7 19.4	-0.91 - 5.0	0.3/17.6	26642
2002 PV ₁₃₆	2007 11 17.4	03 29.03 +10 24.1 18.7	-0.95 - 1.3	3.5/16.0	56473
2002 JM ₁₁₂	2007 11 17.4	03 29.07 +19 05.3 20.9	-1.06 - 2.8	0.1/17.5	74184
1999 RM ₁₅₀	2007 11 17.4	03 29.17 +20 31.8 19.0	-1.06 - 3.4	0.7/17.8	26557
2004 GB ₁₂	2007 11 17.4	03 29.20 -21 42.2 20.2	-0.78 - 2.4	11.0/06.9	97704
2003 YD ₅	2007 11 17.4	03 29.23 +21 31.7 18.4	-0.90 -12.0	1.1/18.2	97694
2004 EC ₆₈	2007 11 17.5	03 29.16 +03 24.1 19.1	-0.82 - 4.6	5.6/14.1	76453
2002 FC ₃₅	2007 11 17.5	03 29.16 +11 26.6 20.0	-1.01 - 5.6	2.8/15.9	26617
1999 TL ₃₁	2007 11 17.5	03 29.18 +26 00.3 18.5	-1.07 - 1.2	3.4/18.8	26557
2002 RU ₂₃₁	2007 11 17.5	03 29.23 +12 12.1 20.5	-0.91 - 4.4	2.3/16.1	26638
2002 PL ₁₅₈	2007 11 17.5	03 29.25 -03 28.0 21.7	-0.92 - 1.7	7.2/13.6	00316
2001 TO ₁₀	2007 11 17.5	03 29.27 +15 27.8 19.0	-0.82 - 3.1	1.3/16.8	10805
2002 PC ₇₅	2007 11 17.5	03 29.27 +24 58.2 18.0	-0.96 - 7.2	2.2/19.0	03343
2002 SG ₂₃	2007 11 17.5	03 29.28 +17 02.4 19.6	-0.94 - 2.8	0.7/17.2	85622
2002 JV ₈	2007 11 17.5	03 29.29 -22 15.9 21.0	-0.94 - 2.6	12.2/09.5	22703
2003 QL ₃₈	2007 11 17.5	03 29.34 +14 44.1 18.6	-1.00 - 3.3	2.0/16.7	26662
2002 GS ₄₈	2007 11 17.5	03 29.36 +15 13.0 19.8	-1.02 - 5.4	1.5/16.8	26617
2003 OR ₂₆	2007 11 17.5	03 29.41 +15 29.1 20.2	-1.08 - 4.3	1.5/16.9	24395
2004 RG ₂₅₂	2007 11 17.5	03 29.42 +05 33.6 18.4	-1.02 -21.4	6.5/13.1	26714
2005 EX ₁₃₉	2007 11 17.5	03 29.43 +34 51.8 20.8	-1.13 - 1.7	5.0/20.5	77837
2002 NN ₅₉	2007 11 17.5	03 29.44 +13 29.0 20.6	-0.92 - 7.3	1.9/16.3	25856
2005 BD ₂₇	2007 11 17.5	03 29.50 +37 59.3 19.4	-1.52 + 3.2	6.8/19.8	76626
2004 BE ₅₂	2007 11 17.5	03 29.50 +02 24.0 19.9	-0.91 - 3.8	6.3/14.0	62477
2004 FP ₃₄	2007 11 17.5	03 29.51 +12 20.6 19.6	-0.78 - 5.0	1.9/16.1	26712
2006 JR ₅₈	2007 11 17.5	03 29.52 -25 40.8 21.9	-0.93 - 0.5	12.6/09.5	02349
2005 EM ₂₈₇	2007 11 17.5	03 29.53 +34 12.8 20.9	-1.09 - 3.7	4.9/20.7	19648
1999 WP ₅	2007 11 17.5	03 29.59 +22 17.9 18.9	-1.22 -18.0	1.5/18.5	26562

2005 JQ ₆₃	2007 11 17.5	03 29.59 -14 16.2 19.4	-0.80	0.0	9.1/11.4	24471
2002 VR ₂₇	2007 11 17.5	03 29.62 +21 02.9 18.1	-0.86	- 7.5	0.8/18.1	26649
2004 EK ₁₃	2007 11 17.5	03 29.62 +17 35.3 20.2	-0.88	- 2.2	0.4/17.3	62520
2003 SX ₄₄	2007 11 17.5	03 29.63 +21 02.9 18.9	-1.03	- 4.4	1.0/18.0	00512
2002 RX ₃	2007 11 17.5	03 29.65 +33 04.4 19.8	-1.03	- 7.5	5.2/21.1	50632
2004 XD ₁₄₇	2007 11 17.5	03 29.66 -24 00.6 19.2	-1.06	+ 3.2	14.4/10.4	26719
2003 OY	2007 11 17.6	03 29.56 +39 13.1 19.7	-1.30	-10.7	6.7/23.1	00454
2000 AQ ₂₅₂	2007 11 17.6	03 29.60 +12 41.2 20.1	-0.95	- 2.7	2.2/16.4	01993
2003 UX ₁₇₃	2007 11 17.6	03 29.60 +39 46.6 18.1	-1.43	- 1.4	9.5/21.8	77732
2000 RJ ₂₁	2007 11 17.6	03 29.60 +18 38.4 18.7	-1.08	- 6.8	0.1/17.5	26574
1999 XH ₁₀₄	2007 11 17.6	03 29.60 +07 48.7 17.6	-1.11	+ 8.3	5.8/16.9	26564
2006 FT ₁₆	2007 11 17.6	03 29.63 -06 51.4 20.0	-0.99	- 8.4	9.7/11.5	01517
2001 SD ₂₀₀	2007 11 17.6	03 29.66 +19 01.4 18.8	-0.87	- 2.5	0.0/17.6	26599
2004 HH ₄	2007 11 17.6	03 29.69 +24 09.3 19.3	-0.96	0.0	1.7/18.5	26713
2001 TL ₁₄₈	2007 11 17.6	03 29.71 +18 02.9 19.7	-0.91	0.0	0.3/17.5	26601
2003 YZ ₆₂	2007 11 17.6	03 29.77 -05 30.1 18.6	-1.05	+ 2.2	10.8/13.5	76322
2002 AQ ₁₃₂	2007 11 17.6	03 29.77 +19 42.2 20.2	-1.16	- 4.2	0.3/17.8	26607
2002 RY ₂₁₆	2007 11 17.6	03 29.79 +54 18.7 19.4	-1.52	- 0.4	12.7/25.1	10907
2003 AA ₉₀	2007 11 17.6	03 29.80 +37 34.8 19.8	-0.95	- 5.3	5.8/22.1	85856
2000 TZ ₃₆	2007 11 17.6	03 29.85 +29 03.3 19.2	-0.90	- 1.6	3.1/19.6	26580
2252 T-1	2007 11 17.6	03 29.88 +14 33.5 19.8	-1.02	- 2.9	1.5/16.9	26834
2003 MV ₁₁	2007 11 17.6	03 29.88 +08 35.2 19.3	-1.07	- 2.6	4.1/15.9	22733
2004 XL ₁₆₂	2007 11 17.6	03 29.94 +15 38.2 18.2	-1.16	+ 0.6	1.6/17.2	73711
2003 YG ₃₃	2007 11 17.6	03 29.97 -01 16.0 18.8	-1.04	+ 2.2	7.6/15.1	02197
2004 EO ₆₅	2007 11 17.6	03 30.02 +00 19.0 19.6	-0.85	+ 0.2	5.3/14.5	66344
2005 GL ₁₇₉	2007 11 17.6	03 30.06 +10 58.1 18.7	-0.91	- 9.2	3.1/15.7	26745
2002 EY ₅	2007 11 17.6	03 30.09 +29 25.0 18.5	-1.26	- 0.2	5.0/19.3	26613
2005 JY ₁₃₅	2007 11 17.7	03 29.98 +12 49.3 19.4	-0.94	- 1.8	2.1/16.6	11102
2001 TF ₂₀₅	2007 11 17.7	03 30.00 +21 59.8 18.6	-1.04	+ 2.8	1.1/18.1	25839
2003 UD ₂₉₈	2007 11 17.7	03 30.01 +19 57.9 20.3	-1.05	- 3.9	0.4/17.9	04271
2005 EW ₉₃	2007 11 17.7	03 30.02 -02 42.9 20.0	-0.87	- 1.4	6.5/13.7	03670
2002 PJ ₁₃₃	2007 11 17.7	03 30.09 +22 39.2 20.9	-0.99	- 4.2	1.2/18.5	02115
2000 SW ₉₃	2007 11 17.7	03 30.12 +31 22.0 18.7	-1.17	- 5.1	5.7/20.4	26576
2003 WZ ₁₄₅	2007 11 17.7	03 30.14 +15 12.8 19.7	-1.00	- 2.4	1.5/17.0	26695
2003 UV ₂₃₈	2007 11 17.7	03 30.19 +25 23.5 19.2	-1.11	- 2.0	2.7/18.9	26686
2001 KM ₂₉	2007 11 17.7	03 30.20 +20 38.2 20.0	-0.94	- 8.0	0.5/18.1	26591
2003 SV ₂₄₄	2007 11 17.7	03 30.23 +11 54.9 20.7	-1.05	- 5.2	2.7/16.3	26673
2003 SU ₄₉	2007 11 17.7	03 30.25 +19 46.1 19.4	-1.10	- 4.5	0.3/17.9	26667
2002 HR ₁₆	2007 11 17.7	03 30.28 +23 01.2 19.7	-1.11	- 6.1	1.7/18.6	10873
2004 FP ₅₁	2007 11 17.7	03 30.30 -01 26.6 21.8	-0.76	- 2.9	5.4/13.4	11045
2004 DC ₇₆	2007 11 17.7	03 30.30 +06 24.3 21.2	-0.80	- 3.9	3.8/15.1	11036
2006 PC ₂₈	2007 11 17.7	03 30.32 +27 19.1 20.5	-1.10	- 0.6	2.6/19.2	09610
2000 JZ ₁₃	2007 11 17.7	03 30.33 +19 27.6 21.0	-0.91	- 0.5	0.1/17.8	88721
2001 QP ₂₄₃	2007 11 17.7	03 30.34 +32 42.4 20.4	-0.98	- 1.9	4.1/20.5	13781
2003 RX ₂	2007 11 17.7	03 30.37 +29 17.0 19.5	-1.17	- 2.1	4.6/19.6	72822
2004 ER ₃₂	2007 11 17.7	03 30.37 +28 32.9 21.3	-0.83	- 4.4	2.4/19.9	89521
2005 BN ₁₁	2007 11 17.7	03 30.38 +41 35.7 19.3	-1.22	- 4.2	7.3/22.9	77806
2005 CF ₂₅	2007 11 17.7	03 30.38 +25 36.9 20.5	-1.04	- 0.8	1.9/18.9	26726
2005 GK ₁₆₉	2007 11 17.7	03 30.40 +15 27.2 19.4	-0.88	- 4.9	1.2/17.0	26745
1997 HX ₁₆	2007 11 17.7	03 30.40 +11 58.9 19.8	-0.91	- 6.1	2.7/16.3	26551
2005 GX ₂₀₁	2007 11 17.7	03 30.40 +24 03.9 21.2	-0.88	- 1.3	1.3/18.7	11096

2005 JR ₁₇₇	2007 11 17.7	03 30.40 +14 58.0 20.2	-0.82	- 4.7	1.2/16.9	24472
2002 LS ₁₈	2007 11 17.7	03 30.41 +18 27.1 19.5	-1.01	- 5.5	0.2/17.7	00276
1999 XC ₂₁₈	2007 11 17.7	03 30.44 +32 12.4 18.8	-1.05	- 6.6	5.7/20.8	62259
1998 HZ ₇	2007 11 17.7	03 30.45 +08 47.1 23.6	-0.71	- 5.0	2.2/15.4	64649
2003 WW ₁₆₁	2007 11 17.7	03 30.45 +02 21.6 19.2	-1.02	+ 1.2	5.4/15.5	02195
2005 ET ₂₄₇	2007 11 17.7	03 30.46 +21 26.6 18.2	-1.05	- 1.5	1.2/18.2	26738
2006 KN ₁₁₅	2007 11 17.7	03 30.49 +12 14.8 18.7	-1.13	+ 1.6	3.4/16.9	01841
2000 YB ₁₃₉	2007 11 17.8	03 30.39 +13 59.5 18.4	-1.06	- 0.7	2.4/17.0	26585
2003 WP ₁₂₃	2007 11 17.8	03 30.40 +28 12.2 18.2	-0.95	- 4.9	4.6/19.9	26694
2005 EG ₃₁₇	2007 11 17.8	03 30.42 +19 17.1 21.0	-0.97	- 3.7	0.1/17.9	22789
2000 SU ₃₁₅	2007 11 17.8	03 30.52 +31 53.1 19.8	-1.21	- 7.5	5.6/21.0	88754
2002 LU ₅₇	2007 11 17.8	03 30.52 +14 47.0 20.5	-0.96	- 9.0	1.5/16.8	72669
1994 PV ₂₈	2007 11 17.8	03 30.54 +12 55.7 17.9	-0.96	- 2.0	2.8/16.8	26549
2006 QF ₉₁	2007 11 17.8	03 30.54 +24 26.1 19.7	-0.86	- 5.3	1.6/19.1	16347
2005 GL ₁₇₆	2007 11 17.8	03 30.54 +04 43.0 20.2	-0.83	- 5.8	4.2/14.6	04330
2006 KV ₁₂₃	2007 11 17.8	03 30.57 +07 13.2 20.2	-1.03	+ 0.7	4.2/16.2	01846
2006 HC ₂₉	2007 11 17.8	03 30.59 +15 58.7 20.5	-1.04	- 4.7	1.1/17.2	11169
2002 QL ₁₂₁	2007 11 17.8	03 30.60 +15 48.2 19.5	-0.92	- 4.4	1.3/17.2	25871
2003 UE ₁₂₀	2007 11 17.8	03 30.63 +32 30.7 19.7	-1.32	+ 3.4	6.0/19.4	76087
2005 JO ₁₅₀	2007 11 17.8	03 30.65 +11 29.5 20.7	-0.90	- 4.1	2.6/16.3	00956
2004 GP ₂₂	2007 11 17.8	03 30.70 +31 32.2 19.9	-1.08	+ 1.5	4.0/19.7	97705
4107 T-2	2007 11 17.8	03 30.71 +14 12.0 20.8	-0.96	- 3.1	1.7/16.9	77277
2002 XD ₆₆	2007 11 17.8	03 30.75 +17 38.6 18.0	-1.19	+ 4.7	0.5/17.7	26654
2006 MD ₁₅	2007 11 17.8	03 30.76 -04 29.7 18.7	-0.88	+ 1.9	7.8/14.6	26770
2002 GL ₈₆	2007 11 17.8	03 30.77 +15 48.6 19.3	-1.13	- 1.4	1.4/17.3	72605
2002 JF ₆₇	2007 11 17.8	03 30.81 +18 05.1 18.7	-1.17	- 1.0	0.4/17.7	26622
2002 VL ₉₂	2007 11 17.8	03 30.87 -12 29.1 19.4	-1.06	+ 1.1	10.3/11.5	48299
2003 XH ₁₁	2007 11 17.9	03 30.80 +68 44.8 18.4	-2.44	+ 5.2	20.0/25.9	65520
2000 WK ₁₂₄	2007 11 17.9	03 30.80 +29 01.9 18.2	-1.71	+10.6	4.7/18.2	26583
2000 TT ₅	2007 11 17.9	03 30.83 +09 21.3 19.6	-1.01	- 5.6	4.3/15.9	10750
2002 XK ₃₄	2007 11 17.9	03 30.83 +10 49.5 19.0	-0.89	- 0.4	2.8/16.5	10947
2005 JB ₃₉	2007 11 17.9	03 30.86 +18 43.9 20.4	-0.92	- 4.3	0.1/17.8	26054
2004 CL ₁₂₀	2007 11 17.9	03 30.89 +02 22.2 20.8	-0.79	- 2.6	4.7/14.6	95179
2003 YO ₁₇₀	2007 11 17.9	03 30.90 +18 44.3 19.4	-1.00	- 0.9	0.1/17.9	76364
2001 SO ₃₂₁	2007 11 17.9	03 30.94 +21 48.8 19.7	-0.84	- 6.0	1.0/18.6	10804
2002 TA ₁₇₀	2007 11 17.9	03 30.94 +32 36.6 19.6	-1.00	- 6.2	4.9/21.1	04232
1999 TX ₁₇₀	2007 11 17.9	03 30.95 +21 10.5 18.7	-1.01	- 3.1	1.0/18.3	21752
2003 YX ₆₉	2007 11 17.9	03 30.95 +10 59.4 19.3	-1.00	- 2.7	2.9/16.4	04281
2005 GD ₇₉	2007 11 17.9	03 30.97 -04 15.4 20.3	-0.76	- 2.3	6.1/13.3	11093
2006 JE ₄₉	2007 11 17.9	03 30.99 +11 12.2 19.7	-1.06	- 1.4	3.5/16.7	09565
2001 FN ₁₇₆	2007 11 17.9	03 31.00 +10 09.3 19.9	-1.00	- 1.7	3.0/16.4	10766
2005 ED ₂₄₁	2007 11 17.9	03 31.02 +10 45.0 20.4	-1.04	- 2.2	3.2/16.5	87658
2002 PV ₆	2007 11 17.9	03 31.03 +41 55.7 21.1	-1.18	- 6.5	7.5/23.7	03337
2002 GA ₁₄₉	2007 11 17.9	03 31.03 +09 17.5 20.5	-1.04	- 5.2	3.9/15.9	19579
2002 RN ₁₀₃	2007 11 17.9	03 31.08 +31 28.9 18.8	-1.06	- 0.7	5.0/20.1	26636
2004 BK ₃₂	2007 11 17.9	03 31.09 +19 30.5 20.3	-0.93	- 2.4	0.2/18.0	26704
2002 RV ₄₃	2007 11 17.9	03 31.11 +23 04.1 20.1	-1.01	- 2.7	1.3/18.7	26634
2004 BF ₁₆₂	2007 11 17.9	03 31.12 +05 40.0 20.1	-0.85	+ 0.2	3.6/15.8	22769
2004 BD ₂₃	2007 11 17.9	03 31.13 +14 16.1 19.8	-0.87	- 2.7	1.5/17.0	26704
1995 SY ₃₃	2007 11 17.9	03 31.17 +31 25.7 20.8	-0.96	- 1.5	4.1/20.3	10683
2003 UX ₃₀₈	2007 11 17.9	03 31.18 +19 17.8 19.9	-1.08	- 2.5	0.1/18.0	26688

2002 TW ₁₉₆	2007 11 17.9	03 31.21 +25 20.6 19.8	-1.01 - 2.6	2.1/19.2	97622
2002 FE ₁₃	2007 11 17.9	03 31.23 +16 29.0 20.1	-1.07 - 2.7	0.9/17.5	24354
2003 SD ₁₅	2007 11 17.9	03 31.23 +09 48.9 20.3	-1.02 - 4.7	3.5/16.2	02161
2003 YJ ₅₇	2007 11 17.9	03 31.29 +23 49.9 19.0	-0.97 - 7.8	1.7/19.1	26700
2003 YR ₁₆₉	2007 11 18.0	03 31.26 +05 12.1 19.3	-1.02 + 2.2	5.0/16.2	26703
2002 RF ₁₄₉	2007 11 18.0	03 31.27 +01 20.9 19.5	-0.85 - 6.8	6.6/13.7	85607
2005 GZ ₅₃	2007 11 18.0	03 31.31 +21 46.2 19.9	-1.04 - 2.2	1.0/18.5	86691
2006 JP ₁₉	2007 11 18.0	03 31.33 +15 32.6 19.9	-1.16 - 2.1	1.5/17.4	04375
2000 SU ₃₄₅	2007 11 18.0	03 31.33 +29 47.5 21.6	-1.28 - 3.0	4.0/20.0	02012
2003 QM ₃₄	2007 11 18.0	03 31.38 +32 13.0 18.8	-1.17 - 3.1	6.0/20.6	26662
2003 XR ₉	2007 11 18.0	03 31.38 +43 10.0 18.4	-1.23 - 1.9	10.0/22.8	57429
2002 YE	2007 11 18.0	03 31.38 +04 10.3 19.2	-0.87 - 0.5	5.1/15.4	87564
2003 YF ₁₇	2007 11 18.0	03 31.39 +03 31.5 19.9	-0.93 - 0.3	5.0/15.4	90188
2004 AV ₅	2007 11 18.0	03 31.42 +27 59.0 19.9	-0.94 - 5.8	2.8/20.0	21808
2002 JV ₃₆	2007 11 18.0	03 31.45 +11 47.6 19.2	-1.04 - 1.8	2.6/16.8	26621
2003 YY ₁₁	2007 11 18.0	03 31.45 +12 05.3 18.1	-1.17 + 4.7	2.9/17.3	26698
2005 JQ ₁₆₆	2007 11 18.0	03 31.47 +25 47.3 19.8	-0.87 - 2.8	2.0/19.4	22790
2004 DY ₅₁	2007 11 18.0	03 31.49 +02 06.3 19.5	-0.80 - 3.4	5.6/14.5	26710
2003 SU ₁₀₇	2007 11 18.0	03 31.51 +22 10.0 19.5	-1.07 - 5.0	1.2/18.7	26669
2005 GZ ₁₆₂	2007 11 18.0	03 31.53 -07 04.1 19.9	-0.84 - 8.6	9.6/11.0	77874
2004 DG ₁	2007 11 18.0	03 31.54 +44 22.6 20.7	-1.14 - 1.8	7.6/23.2	14712
2004 GB ₆₂	2007 11 18.0	03 31.55 +22 23.9 19.6	-0.92 - 1.3	1.2/18.7	26713
2005 EY ₁₈₄	2007 11 18.0	03 31.59 +34 40.4 20.2	-1.11 - 1.4	4.8/20.9	09143
2001 SB ₁₅₀	2007 11 18.0	03 31.60 +17 40.9 19.6	-0.83 - 4.3	0.4/17.8	26599
2002 JC ₄₇	2007 11 18.0	03 31.61 +26 03.4 19.6	-1.12 - 3.2	2.6/19.4	02101
2001 TZ ₂₂	2007 11 18.0	03 31.68 +00 39.7 19.7	-0.74 - 8.3	6.6/13.3	04172
2002 JZ ₁₂₅	2007 11 18.0	03 31.72 +10 01.2 19.0	-1.04 - 3.9	3.6/16.4	26623
2000 AE ₉	2007 11 18.1	03 31.64 +24 08.9 18.7	-1.06 - 1.4	2.2/19.0	26565
2003 TD ₁₁	2007 11 18.1	03 31.66 +05 54.7 19.0	-0.85 - 1.5	6.8/15.7	26677
2002 PT ₆₉	2007 11 18.1	03 31.68 +21 03.1 18.6	-0.94 - 6.7	0.7/18.6	26628
2002 GH ₆₃	2007 11 18.1	03 31.71 +17 35.9 20.1	-1.08 - 2.5	0.5/17.9	24355
1997 GF ₂₉	2007 11 18.1	03 31.74 +51 16.7 22.3	-1.53 + 0.6	8.8/24.2	70214
2002 JB ₉₇	2007 11 18.1	03 31.75 +03 38.9 20.2	-0.99 - 2.5	5.2/15.4	32028
1992 ED ₂₃	2007 11 18.1	03 31.79 +16 47.7 19.4	-1.17 - 1.0	1.0/17.8	26548
2002 XK ₂₀	2007 11 18.1	03 31.79 +23 12.8 19.5	-0.95 - 1.6	1.4/18.9	22725
1999 EU ₁₀	2007 11 18.1	03 31.83 +02 52.9 20.9	-0.78 - 4.2	4.7/14.6	10701
1999 UC ₁₉	2007 11 18.1	03 31.85 +21 46.4 20.9	-1.07 - 2.1	0.9/18.6	77406
2004 CW ₄₃	2007 11 18.1	03 31.86 -03 18.6 20.8	-0.81 - 2.2	6.7/13.6	86270
2006 QW ₁₁₁	2007 11 18.1	03 31.87 +40 21.5 20.6	-1.08 - 3.9	6.1/22.9	09726
2004 MK ₄	2007 11 18.1	03 31.87 -16 51.6 20.0	-1.48 +11.2	18.3/17.4	65874
2001 PO ₄₇	2007 11 18.1	03 31.91 +11 43.6 19.0	-0.93 + 0.4	2.5/17.0	26593
2003 SE ₁₈₇	2007 11 18.1	03 31.94 +19 16.0 19.7	-1.09 - 1.7	0.1/18.2	26671
2005 EK ₂₆₉	2007 11 18.1	03 32.02 +32 52.2 20.9	-1.13 - 0.8	4.3/20.5	89645
2003 WB ₁₅₁	2007 11 18.1	03 32.08 +05 48.9 19.1	-1.11 + 3.9	5.6/16.7	25971
2005 EN ₁₀₁	2007 11 18.1	03 32.08 +03 59.4 19.6	-0.89 - 1.9	4.8/15.4	26733
2005 ET ₂₂₂	2007 11 18.1	03 32.11 +02 36.5 19.7	-0.98 - 0.7	5.7/15.4	76977
2003 SS ₂₉₁	2007 11 18.1	03 32.14 +30 29.6 19.7	-1.14 - 3.9	4.5/20.5	76022
2001 FF ₉₈	2007 11 18.2	03 32.08 +10 54.8 20.0	-0.93 - 3.8	2.8/16.6	26589
2002 TE ₁₇₄	2007 11 18.2	03 32.11 +14 27.0 20.6	-1.02 - 0.7	1.7/17.5	00379
2002 TU ₉₉	2007 11 18.2	03 32.13 +40 29.1 20.3	-1.18 - 2.7	6.9/22.6	18023
2005 EG ₁₈₅	2007 11 18.2	03 32.15 +17 02.5 20.1	-0.89 - 6.5	0.6/17.8	26737

1999 TN ₁₅₀	2007 11 18.2	03 32.15 +37 04.6 18.7	-1.25 + 1.0	8.7/21.3	26558
2005 EA ₁₆₆	2007 11 18.2	03 32.23 +20 45.4 20.0	-0.99 - 2.6	0.6/18.5	26736
2000 KK ₂₃	2007 11 18.2	03 32.33 +16 06.3 19.6	-1.24 - 1.8	1.3/17.8	26572
2002 ON	2007 11 18.2	03 32.33 +29 11.3 18.5	-0.99 - 7.6	3.7/21.0	26626
2006 LW ₂	2007 11 18.2	03 32.37 +03 07.0 19.5	-0.97 + 0.3	5.3/15.8	26770
2004 FF ₁₂₈	2007 11 18.2	03 32.40 +18 28.9 19.6	-0.90 - 1.5	0.2/18.2	26713
2002 XU ₉₀	2007 11 18.2	03 32.43 -07 11.3 18.6	-0.89 + 2.1	9.7/14.1	41367
2001 UJ ₁₀₁	2007 11 18.2	03 32.45 +16 08.5 19.9	-0.84 - 2.9	1.1/17.7	26603
2005 ER ₁₅₅	2007 11 18.2	03 32.46 +20 21.9 18.9	-1.03 - 2.3	0.6/18.5	26735
2004 CB ₈₆	2007 11 18.2	03 32.49 +15 04.0 19.2	-0.89 - 3.2	1.5/17.5	26709
2002 PW ₁₅₅	2007 11 18.2	03 32.49 +27 53.6 19.6	-1.06 - 3.2	3.4/20.0	04210
2005 ET ₇₃	2007 11 18.2	03 32.51 +23 41.4 20.4	-1.02 - 2.3	1.5/19.1	26732
2003 UJ ₁₈₂	2007 11 18.3	03 32.47 +17 15.1 20.1	-1.09 - 3.2	0.8/18.0	24419
2004 XK ₁₄₆	2007 11 18.3	03 32.47 +27 23.6 18.7	-1.13 - 5.3	3.8/20.0	76563
2005 GN ₆	2007 11 18.3	03 32.47 +27 55.9 20.6	-1.09 - 0.2	2.7/19.7	77856
2004 CV ₁₀₀	2007 11 18.3	03 32.49 +39 03.5 20.4	-1.00 - 1.2	5.1/22.1	11030
2002 PV ₁₂₃	2007 11 18.3	03 32.49 +20 00.7 19.2	-0.95 - 6.3	0.3/18.5	25862
2002 UH ₆₁	2007 11 18.3	03 32.50 +10 34.7 19.6	-0.86 - 9.2	3.4/16.2	26648
2006 QJ ₁₃₈	2007 11 18.3	03 32.53 +33 25.0 20.5	-0.92 - 2.7	4.1/21.3	09757
2004 BR ₁₂₂	2007 11 18.3	03 32.53 +23 10.7 20.7	-0.89 - 2.7	1.3/19.1	26707
2004 FT ₃₇	2007 11 18.3	03 32.54 +26 50.1 20.4	-0.88 - 3.4	2.2/19.9	86403
2004 DG ₂₄	2007 11 18.3	03 32.62 +17 12.6 20.4	-0.79 - 2.4	0.5/18.0	26710
2005 EN ₂₅	2007 11 18.3	03 32.62 +06 33.5 18.8	-0.97 - 3.3	5.5/15.9	76759
2002 OU ₅	2007 11 18.3	03 32.63 -00 35.2 20.4	-0.90 - 3.7	6.6/14.4	02111
2002 JZ ₉₅	2007 11 18.3	03 32.67 +18 32.2 20.2	-1.02 - 4.1	0.2/18.2	26622
2005 LO ₃₈	2007 11 18.3	03 32.67 +08 18.0 19.6	-1.00 - 3.4	4.3/16.2	86789
2002 EN ₁₄₃	2007 11 18.3	03 32.68 +17 21.3 20.8	-1.07 - 3.3	0.6/18.0	21118
2005 BJ ₂₄	2007 11 18.3	03 32.68 +31 01.5 19.2	-1.09 - 4.7	5.9/20.8	26724
2005 EU ₂₅	2007 11 18.3	03 32.72 +37 41.9 18.9	-1.22 - 1.9	7.1/21.9	76759
2001 QG ₅₉	2007 11 18.3	03 32.73 +43 48.3 17.8	-1.06 - 2.5	9.5/23.9	04153
2006 KV	2007 11 18.3	03 32.73 +15 17.1 20.4	-1.07 - 2.7	1.4/17.7	01781
1999 TF ₂₈₀	2007 11 18.3	03 32.76 +19 14.7 19.0	-1.07 - 0.9	0.1/18.4	24294
2003 QE ₃	2007 11 18.3	03 32.79 +17 40.5 21.4	-1.10 - 4.6	0.6/18.1	08722
2000 WC ₂₇	2007 11 18.3	03 32.80 +20 20.5 17.8	-1.12 + 0.1	0.6/18.5	26582
2005 GE ₄₅	2007 11 18.3	03 32.85 +16 50.0 20.2	-0.89 - 5.4	0.7/17.9	26742
2000 EK ₁₄₉	2007 11 18.3	03 32.88 +10 11.6 19.5	-0.91 - 2.7	3.1/16.7	04134
2002 DM ₁₀	2007 11 18.3	03 32.89 +23 47.8 20.6	-1.13 - 3.9	1.7/19.3	26613
2003 WJ ₁₀₃	2007 11 18.3	03 32.93 +18 45.3 18.9	-0.95 - 5.7	0.2/18.3	26693
2005 EU ₂₄₄	2007 11 18.3	03 32.95 +16 30.1 19.5	-0.99 - 4.8	1.2/17.9	11087
2003 SH ₁₇₄	2007 11 18.4	03 32.88 +30 15.5 19.3	-1.16 - 2.2	5.0/20.4	77713
2001 WO ₉₃	2007 11 18.4	03 32.90 +16 02.2 19.1	-0.87 - 0.5	1.0/17.9	26604
2004 EA ₁₃	2007 11 18.4	03 32.93 +18 03.3 20.0	-0.89 - 2.8	0.4/18.2	26711
2004 MC ₆	2007 11 18.4	03 32.94 +09 02.5 18.2	-1.11 -22.8	5.1/15.2	26001
3182 T-3	2007 11 18.4	03 32.99 +25 24.1 18.6	-1.14 + 1.4	3.1/19.3	26834
2007 RL ₉₅	2007 11 18.4	03 33.01 +14 09.2 18.7	-0.88 - 4.9	2.7/17.3	26405
2005 EV ₂	2007 11 18.4	03 33.01 +21 28.3 20.8	-1.09 - 3.7	0.8/18.9	97780
2005 GZ ₂₆	2007 11 18.4	03 33.02 +04 27.7 19.7	-0.87 - 6.1	4.9/15.1	11091
2001 KK ₂₂	2007 11 18.4	03 33.04 +21 10.4 20.0	-0.95 - 7.0	0.7/18.9	26591
2003 WA ₈₆	2007 11 18.4	03 33.05 +41 42.5 17.5	-1.21 - 4.1	9.5/23.7	24427
2001 HT ₃₂	2007 11 18.4	03 33.06 +21 01.2 20.1	-1.01 - 0.9	0.6/18.7	26591
2006 JA ₅₃	2007 11 18.4	03 33.13 +13 15.5 19.3	-1.09 - 4.5	2.6/17.3	01773

2002 HQ ₁₂	2007 11 18.4	03 33.15 +00 12.6 19.7	-1.07 + 1.1	6.8/15.9	26620
2001 UF ₁₁₁	2007 11 18.4	03 33.16 +28 46.7 20.2	-0.99 + 0.4	2.9/20.0	85146
2002 RC ₁₁₆	2007 11 18.4	03 33.16 +15 04.3 20.8	-1.00 - 2.7	1.5/17.7	10903
2005 GR ₂₀₀	2007 11 18.4	03 33.26 +08 09.9 21.1	-0.98 - 4.8	4.5/16.2	95675
2005 GZ ₁₇₀	2007 11 18.4	03 33.29 +21 12.2 19.3	-0.98 - 4.0	0.8/18.9	26745
2004 EF ₅₂	2007 11 18.4	03 33.29 +02 49.6 20.2	-0.80 - 2.4	4.9/15.3	86361
2000 AU ₁₃	2007 11 18.4	03 33.31 +08 51.2 18.7	-1.08 + 0.4	3.8/16.9	87365
2005 JH ₅₉	2007 11 18.4	03 33.32 +22 33.1 20.6	-0.92 - 2.8	1.0/19.1	11099
2001 ST ₁₄₃	2007 11 18.5	03 33.31 +32 54.4 19.2	-0.98 - 2.1	4.4/21.1	10796
2003 UW ₃₁₄	2007 11 18.5	03 33.34 -06 33.8 19.4	-0.93 - 0.1	11.0/14.2	26688
2003 UB ₂₇₀	2007 11 18.5	03 33.38 +20 00.8 19.1	-1.01 - 2.7	0.4/18.7	26687
2002 GM ₁₂₆	2007 11 18.5	03 33.40 +26 43.6 20.6	-1.17 - 2.4	2.9/19.9	26619
2002 QG ₁₀₅	2007 11 18.5	03 33.44 +15 19.5 20.0	-0.95 - 3.3	1.4/17.8	14667
2005 GU ₆₈	2007 11 18.5	03 33.47 +01 33.4 20.0	-0.86 + 0.5	5.1/15.8	22789
2005 GK ₁₀₅	2007 11 18.5	03 33.50 +11 10.7 19.1	-0.89 - 4.6	3.3/16.9	09191
2004 DQ ₄₈	2007 11 18.5	03 33.52 +33 42.8 19.6	-0.95 - 2.4	4.2/21.4	11034
1996 VG ₁₈	2007 11 18.5	03 33.58 +07 14.4 20.5	-0.80 - 3.6	3.9/16.1	60481
2003 QG ₁₅	2007 11 18.5	03 33.59 +19 55.3 20.2	-1.09 - 5.4	0.3/18.7	14037
2001 SS ₁₃₅	2007 11 18.5	03 33.62 +02 40.4 20.0	-0.77 - 5.2	5.0/14.9	04166
2001 BF ₄₀	2007 11 18.5	03 33.63 +24 02.0 19.0	-1.15 + 0.6	2.4/19.3	77503
2003 LV ₁	2007 11 18.5	03 33.69 -20 52.4 19.9	-2.80 +29.9	24.2/23.4	50767
2003 WN ₁₃₅	2007 11 18.5	03 33.72 +10 55.7 19.5	-1.09 + 1.7	3.2/17.5	77750
2003 WM ₅₅	2007 11 18.5	03 33.76 +26 43.9 19.1	-1.01 - 8.4	2.8/20.4	02193
2004 EQ ₄	2007 11 18.5	03 33.77 +16 55.9 20.3	-0.82 - 2.5	0.6/18.2	24441
2002 JS ₆₉	2007 11 18.5	03 33.77 +09 05.4 18.7	-1.05 - 1.5	3.9/16.9	26622
2003 HS ₁₀	2007 11 18.5	03 33.79 +09 23.1 18.5	-1.07 - 6.2	4.5/16.6	26657
2002 EA ₁₅	2007 11 18.6	03 33.71 +16 33.8 21.4	-1.07 - 4.1	1.0/18.1	22698
2004 CL ₁₀₃	2007 11 18.6	03 33.74 +22 43.8 19.5	-0.86 - 4.6	1.0/19.4	26709
2002 SC ₆₀	2007 11 18.6	03 33.80 +05 09.4 19.2	-0.93 - 1.1	5.3/16.2	00364
2002 PU ₂₁	2007 11 18.6	03 33.85 +37 45.2 19.2	-1.05 - 6.4	7.8/23.2	56417
2005 AX ₂	2007 11 18.6	03 33.87 +30 33.8 19.9	-1.19 - 3.0	5.2/20.7	86612
2005 ET ₁₈₆	2007 11 18.6	03 33.88 +06 12.3 20.0	-0.93 - 5.0	4.6/15.9	76945
2003 UC ₆₁	2007 11 18.6	03 33.89 +15 31.4 18.7	-1.11 + 0.2	1.5/18.1	26679
2002 TE ₁₂₀	2007 11 18.6	03 33.91 +37 38.4 20.2	-1.14 - 1.1	6.1/22.0	04230
2001 KK ₄₅	2007 11 18.6	03 33.92 +02 56.1 19.3	-0.93 - 0.8	5.2/15.9	77537
2005 GJ ₁₆₂	2007 11 18.6	03 33.94 +08 22.8 20.4	-0.98 - 0.5	3.5/16.9	87667
2001 BB ₂	2007 11 18.6	03 33.98 +16 34.8 21.1	-1.01 - 3.9	0.9/18.2	10758
2003 UQ ₁₃₆	2007 11 18.6	03 34.00 +25 53.1 19.8	-1.14 - 0.2	3.0/19.7	58011
2002 TP ₃₂₃	2007 11 18.6	03 34.01 +26 26.6 20.9	-1.02 - 2.0	2.6/20.0	75754
2006 HC ₈₃	2007 11 18.6	03 34.01 +18 48.4 20.6	-1.11 - 4.0	0.2/18.6	26763
2006 QS ₅₉	2007 11 18.6	03 34.02 +31 30.5 20.3	-0.93 - 3.3	3.6/21.2	11192
2003 SC ₂₇₄	2007 11 18.6	03 34.02 +20 24.0 19.0	-1.08 - 1.7	0.5/18.9	26674
2004 GF ₅₈	2007 11 18.6	03 34.03 +21 23.2 19.3	-0.94 - 0.4	0.8/19.0	26713
2002 SO ₂₆	2007 11 18.6	03 34.03 +30 44.2 19.6	-1.07 - 1.5	4.3/20.7	75640
2005 CF ₅₈	2007 11 18.6	03 34.04 +25 09.0 19.4	-1.06 - 5.2	2.1/19.9	26728
2002 ET ₁₂₇	2007 11 18.6	03 34.04 +16 20.7 19.9	-1.10 - 3.8	1.2/18.1	72573
1999 JW ₁₂₇	2007 11 18.6	03 34.05 +24 11.7 19.3	-0.96 - 0.1	1.5/19.5	26556
2000 SF ₄₁	2007 11 18.6	03 34.10 +17 57.1 19.4	-1.17 - 2.0	0.5/18.5	26576
2004 CY ₉₅	2007 11 18.6	03 34.13 +25 10.9 20.4	-0.88 - 3.1	1.7/19.9	14082
2006 QN ₂₆	2007 11 18.6	03 34.15 +34 45.5 21.2	-0.95 - 2.3	4.1/21.8	09645
2005 EH ₁₇₀	2007 11 18.6	03 34.16 +02 00.0 21.2	-0.83 - 3.9	5.1/15.2	11086

2006 SP ₂₂₅	2007 11 18.6	03 34.16 +15 16.1 20.5	-0.85 - 2.9	1.2/17.9	26772
2001 QP ₂₅₉	2007 11 18.6	03 34.17 +18 04.0 18.8	-0.83 - 5.9	0.4/18.4	26595
2001 UY ₆₂	2007 11 18.6	03 34.19 +32 09.1 19.3	-1.08 + 1.0	4.4/21.0	03254
2006 LU ₅	2007 11 18.6	03 34.20 +00 08.5 19.0	-0.85 + 0.4	6.7/15.7	26770
2002 JL ₇₂	2007 11 18.7	03 34.12 +08 58.3 20.3	-1.03 - 2.7	3.8/16.9	72647
2004 HO ₂₅	2007 11 18.7	03 34.14 +24 29.1 19.9	-1.02 + 1.6	1.7/19.4	66366
2005 GN ₁₈₁	2007 11 18.7	03 34.16 +06 50.3 18.6	-0.88 - 6.1	5.3/15.9	26745
2001 RU ₁₁₂	2007 11 18.7	03 34.17 +19 06.0 21.7	-0.88 - 2.9	0.0/18.7	07975
2001 HN ₆₀	2007 11 18.7	03 34.19 +04 37.6 21.5	-0.94 - 1.0	4.3/16.2	74977
2002 TF ₂₉₆	2007 11 18.7	03 34.20 +17 15.8 20.2	-0.96 - 1.7	0.7/18.4	24383
2004 FF ₅₃	2007 11 18.7	03 34.22 +18 24.3 20.1	-0.87 - 3.4	0.3/18.6	11045
1993 VW ₅	2007 11 18.7	03 34.23 +40 52.8 20.0	-1.89 + 6.1	10.2/21.0	07713
2003 WV ₃₄	2007 11 18.7	03 34.23 +24 46.3 19.2	-1.00 - 9.2	2.1/20.1	77743
2006 PR ₁	2007 11 18.7	03 34.25 +43 22.9 19.3	-1.08 - 3.8	7.0/24.5	11177
2005 EF ₂₉	2007 11 18.7	03 34.31 +12 58.3 19.8	-0.97 - 3.1	2.2/17.6	26730
2001 RO ₈₂	2007 11 18.7	03 34.35 +04 12.3 19.3	-0.79 - 5.6	4.7/15.4	10787
2005 GR ₇₃	2007 11 18.7	03 34.35 +18 24.0 20.0	-1.04 + 0.6	0.3/18.6	77865
2003 XB ₆	2007 11 18.7	03 34.38 +24 01.1 18.2	-1.24 + 4.4	2.0/19.2	25974
2005 CH ₅₃	2007 11 18.7	03 34.38 +17 03.8 19.5	-1.06 - 2.4	0.8/18.4	26728
2003 QV ₅₃	2007 11 18.7	03 34.39 +17 32.9 18.4	-1.08 - 2.0	0.8/18.5	26663
2004 BB ₁₇	2007 11 18.7	03 34.40 +13 30.0 21.0	-0.99 + 0.2	1.8/17.9	69630
2004 FF ₆₃	2007 11 18.7	03 34.41 +16 35.3 19.7	-0.87 - 2.4	0.9/18.3	26712
2005 GK ₁₃	2007 11 18.7	03 34.43 +08 45.0 19.8	-0.97 - 0.5	3.4/17.1	77052
2001 OV ₃₅	2007 11 18.7	03 34.46 +33 21.3 19.0	-1.03 - 1.9	4.9/21.5	26592
2005 EL ₁₇₁	2007 11 18.7	03 34.47 +23 43.3 19.3	-0.99 - 5.0	1.6/19.7	26736
2001 OU ₃₁	2007 11 18.7	03 34.47 +15 22.1 19.2	-0.90 - 9.0	1.3/17.8	26592
2006 KN ₆₂	2007 11 18.7	03 34.49 +10 56.3 20.6	-1.02 - 3.3	3.2/17.3	26177
2002 GF ₂	2007 11 18.7	03 34.54 -04 54.0 20.4	-1.00 - 0.8	9.0/14.7	75319
2002 EX ₈₃	2007 11 18.7	03 34.55 +21 24.1 20.3	-1.10 - 3.1	0.8/19.2	24352
1996 TG ₁₇	2007 11 18.7	03 34.56 +18 54.7 17.9	-0.86 - 7.7	0.2/18.7	26550
2005 EF ₇	2007 11 18.7	03 34.58 +15 28.2 19.7	-1.08 - 2.3	1.6/18.1	76722
2003 QM ₁₀₀	2007 11 18.7	03 34.58 +12 24.3 19.8	-1.03 - 4.7	2.9/17.5	00495
1999 YD ₂₃	2007 11 18.7	03 34.59 +10 49.7 18.2	-0.99 + 1.1	4.1/17.6	26565
2004 XL ₈₉	2007 11 18.7	03 34.61 +24 20.6 19.7	-1.21 - 3.9	2.0/19.7	26718
2006 LQ ₁	2007 11 18.7	03 34.63 +11 15.0 20.9	-1.13 - 1.7	3.1/17.5	03933
2006 HE ₆	2007 11 18.7	03 34.64 +13 51.7 20.3	-1.13 - 3.5	2.2/17.8	01617
2003 YG ₁₅₈	2007 11 18.8	03 34.53 +35 52.2 19.2	-1.25 + 0.4	7.0/21.5	26703
2000 WK ₁₁₆	2007 11 18.8	03 34.57 +27 25.2 17.2	-0.97 - 6.4	4.2/20.6	24320
1999 XR ₄₆	2007 11 18.8	03 34.57 +16 20.3 18.5	-1.02 - 2.0	1.3/18.3	26563
2002 CS ₉₇	2007 11 18.8	03 34.61 +30 44.4 19.0	-1.22 - 1.5	5.7/20.7	10857
2003 SN ₂₆₁	2007 11 18.8	03 34.63 +22 49.5 20.0	-1.10 - 3.8	1.3/19.5	26674
2006 HY ₃₄	2007 11 18.8	03 34.63 +11 07.0 20.5	-1.10 - 2.5	2.9/17.5	01649
2001 TO ₁₄₁	2007 11 18.8	03 34.64 +31 47.5 18.9	-1.14 + 3.7	4.8/20.3	26601
2001 PW ₃₅	2007 11 18.8	03 34.66 +30 15.7 19.9	-0.96 - 5.2	3.3/21.2	10774
2001 SY ₁₄₁	2007 11 18.8	03 34.67 +35 09.7 19.4	-1.01 - 2.1	5.1/21.9	10796
2002 TW ₂₂₁	2007 11 18.8	03 34.68 -15 05.6 17.8	-0.83 -17.9	13.6/06.0	25887
2004 YV ₂₁	2007 11 18.8	03 34.69 +28 05.4 19.7	-1.10 - 4.3	3.0/20.6	18110
2005 HT ₁	2007 11 18.8	03 34.74 +32 43.3 20.9	-1.04 + 0.9	3.5/21.0	77173
2002 PE ₄₈	2007 11 18.8	03 34.75 +28 47.3 18.2	-1.00 - 5.9	3.6/21.0	56430
2002 XR ₇₆	2007 11 18.8	03 34.79 +23 21.2 18.2	-0.94 - 1.3	1.5/19.6	26654
2006 HP ₂₉	2007 11 18.8	03 34.81 +03 06.6 21.2	-0.98 - 9.9	4.9/14.9	01643

2002 PM ₁₆₂	2007 11 18.8	03 34.82 +27 11.3	20.9	-1.05	- 3.2	2.7/20.4	75473
2001 SE ₁₁₄	2007 11 18.8	03 34.82 +39 35.3	19.7	-1.09	- 0.5	6.2/22.5	10795
2004 CP ₅₉	2007 11 18.8	03 34.85 -16 08.4	20.7	-0.78	- 0.6	8.5/11.8	86277
2005 EZ ₂₀₆	2007 11 18.8	03 34.85 +24 49.8	20.7	-1.01	- 2.9	1.7/19.9	26737
2002 GH ₁₁₄	2007 11 18.8	03 34.86 +17 29.0	18.8	-1.13	- 1.7	0.7/18.6	26619
2003 QH ₃₃	2007 11 18.8	03 34.86 +19 40.4	18.9	-1.09	- 4.2	0.2/18.9	26662
2004 BB ₁₅	2007 11 18.8	03 34.88 +32 10.1	20.2	-1.04	- 4.0	4.9/21.5	97696
2006 KR ₁₀₁	2007 11 18.8	03 34.88 +27 07.3	19.8	-0.87	- 8.0	2.4/21.0	01837
2002 RR ₂₅₃	2007 11 18.8	03 34.89 +20 52.3	20.2	-0.93	- 4.7	0.6/19.2	10909
1999 RZ ₆₁	2007 11 18.8	03 34.93 +04 01.5	20.9	-1.01	- 4.7	5.5/16.0	01976
2004 AN ₂₄	2007 11 18.8	03 34.94 +12 52.8	19.8	-0.94	- 1.3	2.3/17.8	86221
2004 BZ ₄₈	2007 11 18.8	03 34.95 +11 28.8	19.9	-0.90	- 3.0	2.6/17.4	87607
2001 AW ₉	2007 11 18.9	03 34.95 +25 26.8	19.1	-1.06	- 4.4	2.9/20.1	26585
2004 BY	2007 11 18.9	03 34.96 +09 48.6	19.8	-0.90	- 3.0	3.9/17.1	04285
2003 QB ₂₇	2007 11 18.9	03 34.97 +04 27.9	18.9	-0.82	- 6.8	7.5/15.4	75892
2005 EB ₂₆₁	2007 11 18.9	03 35.00 +40 17.2	19.6	-1.32	+ 0.4	8.0/22.3	02248
2002 TF ₃₁₆	2007 11 18.9	03 35.01 -02 03.9	20.0	-0.84	- 2.3	7.0/14.9	26647
2002 JV ₆₂	2007 11 18.9	03 35.02 +11 29.7	20.5	-1.02	- 4.3	2.8/17.4	10875
2002 PH ₂₀	2007 11 18.9	03 35.03 +21 38.7	20.6	-0.99	- 4.5	0.9/19.4	26627
2001 QK ₃	2007 11 18.9	03 35.05 +16 09.3	18.5	-0.88	- 2.4	1.2/18.3	26593
2002 LS ₃₀	2007 11 18.9	03 35.10 +09 35.9	19.5	-1.05	- 1.0	3.7/17.4	75369
2005 EU ₁₂	2007 11 18.9	03 35.10 +29 58.7	20.6	-1.04	- 1.8	3.1/21.0	11081
2003 YD ₁₂₉	2007 11 18.9	03 35.11 +04 08.9	17.8	-1.02	+ 3.6	6.3/17.2	26701
2003 BH ₄₆	2007 11 18.9	03 35.20 -29 18.9	19.2	-0.99	- 3.6	23.8/02.4	24391
2002 PY ₉₇	2007 11 18.9	03 35.25 +38 17.4	18.7	-1.22	- 1.1	6.7/22.5	75450
2000 QJ ₁₉₉	2007 11 18.9	03 35.27 +29 11.9	18.0	-1.18	- 1.1	5.0/20.6	26574
2000 SY ₂₉₀	2007 11 18.9	03 35.30 +26 08.4	19.1	-1.02	- 4.3	3.6/20.4	26579
2005 AH ₆₀	2007 11 18.9	03 35.37 +19 35.0	19.0	-1.11	- 3.7	0.1/19.0	26723
2002 EX ₅₄	2007 11 18.9	03 35.39 +19 22.5	21.6	-1.09	- 3.6	0.0/19.0	26614
2002 HV ₄	2007 11 18.9	03 35.44 +25 25.9	19.8	-1.16	- 2.7	2.3/20.1	26620
2000 GT ₁₁₈	2007 11 18.9	03 35.45 +14 26.8	20.0	-0.91	- 4.6	1.8/18.0	26570
2004 EV ₆₁	2007 11 19.0	03 35.37 +07 04.5	20.3	-0.81	- 4.2	3.8/16.4	04300
2005 EP ₂₈₈	2007 11 19.0	03 35.41 -02 32.6	20.3	-0.94	- 1.1	7.2/15.1	09159
2004 HL ₁₈	2007 11 19.0	03 35.43 +21 28.7	19.7	-0.94	+ 1.3	0.6/19.3	26713
2004 GZ ₁₀	2007 11 19.0	03 35.48 +00 23.4	20.3	-0.87	- 0.1	5.4/15.8	77781
2002 QV ₁₁₅	2007 11 19.0	03 35.49 +19 00.5	20.1	-0.98	- 3.0	0.1/19.0	25869
2006 KU ₄₆	2007 11 19.0	03 35.49 +18 20.1	21.7	-1.11	- 2.5	0.4/18.9	02361
2005 GY ₅₅	2007 11 19.0	03 35.51 +04 51.1	21.1	-0.87	- 6.0	4.8/15.8	95668
2006 HJ ₆₃	2007 11 19.0	03 35.51 +13 24.6	19.2	-0.97	- 7.1	3.0/17.7	26762
2003 UO ₇₄	2007 11 19.0	03 35.53 +29 39.0	20.2	-1.14	- 3.6	3.9/21.0	77726
2002 PB ₂₉	2007 11 19.0	03 35.54 +23 15.6	20.2	-1.00	- 4.3	1.4/19.8	26627
2001 BE ₇₅	2007 11 19.0	03 35.59 +18 28.8	19.7	-1.04	- 3.8	0.3/18.9	26586
1999 XU ₂₅₂	2007 11 19.0	03 35.62 +15 35.9	20.3	-1.02	- 1.6	1.3/18.4	74704
2004 JG ₂₁	2007 11 19.0	03 35.63 +18 18.5	20.7	-0.84	- 2.5	0.3/18.9	24443
2005 ET ₁₅₆	2007 11 19.0	03 35.66 +23 23.3	20.2	-1.02	- 3.1	1.4/19.8	11085
2002 JN ₃₇	2007 11 19.0	03 35.67 +24 35.3	18.9	-1.08	- 5.8	2.0/20.2	10874
2006 OC ₆	2007 11 19.0	03 35.68 -04 40.8	21.6	-0.79	- 1.6	6.2/14.8	04381
2002 VJ ₁₂	2007 11 19.0	03 35.69 +25 12.7	19.6	-0.97	- 4.0	2.0/20.3	26649
2004 FW ₁₂₉	2007 11 19.0	03 35.74 -02 06.1	21.4	-0.72	- 4.0	5.3/14.3	26713
2005 EM ₂₇₈	2007 11 19.0	03 35.74 +12 17.3	21.1	-0.91	- 3.6	2.1/17.7	77852
2000 BM ₃₂	2007 11 19.0	03 35.75 +14 44.9	19.7	-0.96	- 3.1	1.6/18.2	77436

2006 SW ₄₁	2007 11 19.0	03 35.78 +43 01.2	20.3	-1.14	+ 0.9	6.0/23.1	14788
2002 PD ₅	2007 11 19.0	03 35.80 +26 32.7	18.7	-0.96	- 8.8	2.8/20.9	26627
2000 QC ₁₈₈	2007 11 19.0	03 35.84 +12 38.1	20.3	-1.17	- 2.2	2.8/18.0	46446
2004 GR ₃₂	2007 11 19.1	03 35.78 +34 29.6	19.4	-0.98	- 2.3	4.6/22.0	11052
2004 EK ₆₇	2007 11 19.1	03 35.78 +08 27.0	20.1	-0.78	- 3.8	3.3/16.9	11040
2004 YJ ₂₃	2007 11 19.1	03 35.81 +11 01.8	20.1	-1.13	- 2.6	3.5/17.7	26720
2003 TE ₁₆	2007 11 19.1	03 35.86 +28 14.7	17.4	-1.20	+ 7.6	4.8/19.8	26677
2002 CD ₄₈	2007 11 19.1	03 35.89 +14 42.3	19.2	-1.08	- 6.4	1.9/18.2	26609
2001 TU ₅	2007 11 19.1	03 35.90 +21 44.1	18.6	-0.97	+ 0.2	0.8/19.5	26601
2004 EN ₇₁	2007 11 19.1	03 35.94 +37 06.0	20.3	-0.98	- 1.8	5.0/22.6	08963
1995 XJ ₃	2007 11 19.1	03 35.95 +11 53.1	19.2	-0.96	- 2.7	3.2/17.8	10686
2000 EM ₁₀₄	2007 11 19.1	03 35.95 +10 48.7	18.8	-1.06	+ 0.9	3.2/17.9	26569
2005 ED ₂₀₈	2007 11 19.1	03 35.96 +02 17.7	18.1	-0.84	- 4.1	8.7/15.5	26737
2006 SA ₃₈₇	2007 11 19.1	03 35.96 +14 30.3	22.1	-0.58	- 1.8	1.0/18.2	22569
2001 CK ₁₀	2007 11 19.1	03 35.96 +29 11.6	20.2	-1.13	- 3.2	3.6/20.9	77506
2001 BJ ₁₀	2007 11 19.1	03 35.98 +25 29.1	20.2	-1.15	- 1.7	2.4/20.1	26586
2002 TA ₁₆	2007 11 19.1	03 35.99 +12 00.7	19.3	-0.88	- 5.1	2.7/17.6	26641
2004 CO ₁₁₇	2007 11 19.1	03 36.01 +22 21.4	19.5	-0.94	- 3.8	1.1/19.7	26709
2001 QQ ₂₀₅	2007 11 19.1	03 36.02 +08 13.8	18.9	-0.81	- 4.0	4.1/16.9	26594
2002 EA ₆₁	2007 11 19.1	03 36.04 +06 36.7	20.0	-1.00	- 5.2	4.7/16.6	02085
2005 JN ₇₅	2007 11 19.1	03 36.06 +07 39.8	20.8	-0.90	- 1.1	3.5/17.2	86735
2005 LC ₄₉	2007 11 19.1	03 36.07 +06 36.5	19.1	-0.87	0.0	4.1/17.1	26748
2003 OB ₆	2007 11 19.1	03 36.07 +08 36.7	19.6	-1.08	- 3.0	4.4/17.4	02150
2005 EG ₁₃₈	2007 11 19.1	03 36.07 +04 01.2	20.1	-0.92	- 1.7	5.1/16.5	11085
1993 TX ₉	2007 11 19.1	03 36.07 +23 18.4	20.2	-0.96	- 3.8	1.5/19.9	26548
1999 TZ ₁₇₇	2007 11 19.1	03 36.08 +17 26.1	19.0	-0.73	- 3.2	0.6/18.8	26558
2003 WE ₅₂	2007 11 19.1	03 36.15 +26 28.5	19.8	-1.01	- 7.5	2.5/21.0	86161
2001 RT	2007 11 19.1	03 36.16 +31 48.4	19.1	-0.98	- 8.6	3.6/22.4	04158
2002 JH ₇₁	2007 11 19.1	03 36.19 +10 40.2	21.2	-1.01	- 3.0	3.0/17.6	26622
2003 SO ₁₇₂	2007 11 19.1	03 36.22 +19 07.7	18.7	-1.00	- 3.7	0.1/19.1	26671
2002 DG ₁₁	2007 11 19.1	03 36.24 +28 23.7	19.8	-1.20	- 3.2	4.2/20.8	77587
2003 QZ ₆₉	2007 11 19.1	03 36.24 +23 36.9	19.5	-0.97	- 6.1	2.1/20.1	97665
1995 SR ₃₀	2007 11 19.2	03 36.22 +20 49.3	20.2	-1.06	- 3.2	0.5/19.5	07721
2002 EK ₆₆	2007 11 19.2	03 36.23 +17 58.9	20.2	-1.06	- 4.1	0.5/19.0	26614
2003 QV ₇₉	2007 11 19.2	03 36.23 +24 21.9	20.1	-1.23	- 1.5	1.8/20.0	26664
2001 DW ₉₅	2007 11 19.2	03 36.30 +14 18.4	19.7	-1.06	- 2.5	2.2/18.3	87419
2005 ED ₂₁₂	2007 11 19.2	03 36.33 +08 31.4	20.7	-0.93	- 2.6	3.5/17.3	02248
2001 QY ₂₃₆	2007 11 19.2	03 36.34 +35 24.6	19.7	-1.02	- 1.9	5.1/22.3	04157
2001 TC ₁₃₈	2007 11 19.2	03 36.35 +17 51.9	19.3	-1.02	+ 2.4	0.4/19.0	26601
2001 FS ₇	2007 11 19.2	03 36.35 +18 46.5	18.7	-1.03	- 1.7	0.3/19.1	24326
2002 RO ₁₁₀	2007 11 19.2	03 36.36 +41 09.4	18.5	-1.15	- 1.3	9.0/23.5	75575
2002 TR ₁₇₇	2007 11 19.2	03 36.37 +31 13.7	19.2	-0.99	- 7.6	3.8/22.1	02136
2005 CX ₃₇	2007 11 19.2	03 36.38 +23 27.9	19.8	-1.15	- 3.6	1.7/20.0	26727
2006 QC ₁₂₉	2007 11 19.2	03 36.46 -04 02.5	19.9	-0.79	- 0.6	6.4/15.1	26772
2001 KX ₆₉	2007 11 19.2	03 36.48 +13 14.4	19.7	-0.96	- 2.3	2.1/18.2	10769
2004 DB ₆₁	2007 11 19.2	03 36.52 +16 25.1	20.3	-0.86	- 2.8	0.9/18.7	26710
2001 PR ₃₉	2007 11 19.2	03 36.55 +43 59.5	18.6	-1.17	+ 1.0	9.7/23.5	48044
2000 SQ ₂	2007 11 19.2	03 36.56 -18 54.9	17.0	-1.38	+16.1	20.8/19.3	24311
2003 AD ₆₁	2007 11 19.2	03 36.57 +31 27.8	19.2	-0.89	- 5.7	3.7/22.0	26656
2001 SS ₁₂₂	2007 11 19.2	03 36.58 +41 28.7	18.0	-1.00	- 3.9	9.1/24.5	24335
2004 AK ₉	2007 11 19.2	03 36.62 +07 33.3	20.2	-0.90	- 5.5	4.2/16.7	11016

2006 JC ₂₈	2007 11 19.2	03 36.63 +17 15.1 20.4	-1.11 - 1.7	0.8/18.9	26169
2006 HR ₈₀	2007 11 19.2	03 36.64 +19 46.6 20.3	-1.09 - 4.0	0.2/19.4	26763
2006 FG ₅₂	2007 11 19.2	03 36.65 +36 19.0 19.3	-1.18 - 6.1	5.8/23.2	01559
2005 GK ₇₈	2007 11 19.2	03 36.65 -00 10.0 19.8	-0.91 - 1.2	6.7/15.9	26743
1999 KT ₁₉	2007 11 19.2	03 36.67 +06 27.9 19.8	-0.78 - 6.0	3.6/16.3	62242
2006 JM ₅	2007 11 19.2	03 36.70 +20 59.3 20.4	-1.10 - 3.6	0.6/19.6	24493
2003 QX ₈₇	2007 11 19.3	03 36.61 +10 19.7 19.2	-1.03 - 2.5	4.2/17.8	26664
2005 GN ₂₀₀	2007 11 19.3	03 36.63 +18 06.5 20.1	-0.80 - 6.4	0.4/19.0	77876
2005 JA ₈₂	2007 11 19.3	03 36.66 +07 16.1 20.2	-0.83 - 5.6	3.9/16.6	09242
2006 KS ₁₁	2007 11 19.3	03 36.67 +14 51.6 20.3	-1.08 - 3.0	1.7/18.5	22819
2002 SR ₂₆	2007 11 19.3	03 36.69 +27 10.9 19.7	-1.03 - 2.1	2.8/20.7	26640
2001 TO ₄₇	2007 11 19.3	03 36.69 +04 48.9 20.1	-0.78 - 2.6	4.3/16.5	10806
2005 JF ₁₅₀	2007 11 19.3	03 36.76 +12 09.6 21.0	-0.79 - 3.0	2.0/17.9	26747
2003 ST ₂₁₀	2007 11 19.3	03 36.76 +18 50.0 19.0	-1.07 - 6.2	0.2/19.2	26672
2003 WA ₁₅₂	2007 11 19.3	03 36.79 +20 09.0 18.7	-1.01 - 2.6	0.3/19.5	26695
2001 RE ₂₁	2007 11 19.3	03 36.79 +03 40.7 19.8	-0.81 - 3.0	5.1/16.3	10785
2003 SW ₄₉	2007 11 19.3	03 36.81 +29 21.4 20.3	-1.16 - 4.9	4.0/21.4	87586
2001 TP ₁₂₃	2007 11 19.3	03 36.83 +32 35.8 19.0	-0.93 - 4.3	4.3/22.2	10810
2000 AG ₁₃₄	2007 11 19.3	03 36.83 +34 59.6 18.0	-1.10 - 7.8	6.2/23.2	21754
2004 EM ₂₄	2007 11 19.3	03 36.84 -08 07.5 20.1	-0.76 - 5.0	8.2/12.8	11038
2006 RW ₄	2007 11 19.3	03 36.89 +27 23.2 21.0	-0.93 - 4.4	2.3/21.0	09792
2001 UB ₁₀₂	2007 11 19.3	03 36.91 +26 16.9 19.6	-0.94 - 0.6	2.0/20.5	26603
1998 QO ₉₄	2007 11 19.3	03 36.93 +44 29.2 19.4	-1.32 - 2.7	8.9/24.8	84454
2002 TB ₇₆	2007 11 19.3	03 36.96 +33 17.8 19.3	-1.11 - 2.1	4.9/22.0	75694
2005 GV ₁₀₅	2007 11 19.3	03 36.97 +16 10.1 20.0	-0.92 - 2.8	1.1/18.8	04328
2003 AN ₂₁	2007 11 19.3	03 37.01 +20 06.2 19.8	-0.85 - 2.2	0.2/19.5	26656
2005 EW ₂₄₅	2007 11 19.3	03 37.02 +15 10.0 20.7	-1.05 - 4.2	1.7/18.6	77850
2001 RJ ₃	2007 11 19.3	03 37.02 +25 46.0 18.8	-0.90 - 5.9	2.1/21.0	25937
2005 MQ ₇	2007 11 19.3	03 37.03 +10 39.9 20.0	-0.87 + 0.5	2.5/18.1	04337
2003 YC ₃₀	2007 11 19.3	03 37.08 +21 55.2 19.2	-1.05 - 2.8	1.0/19.8	22766
2003 SG ₁₈₁	2007 11 19.3	03 37.11 +22 35.7 19.1	-0.96 - 3.3	1.6/20.0	26671
2006 QX ₂	2007 11 19.3	03 37.12 +48 53.1 19.5	-1.16 - 1.5	8.3/25.7	21359
2006 QX ₇₆	2007 11 19.4	03 37.05 +33 04.1 19.8	-0.96 - 3.5	4.1/22.2	11194
2006 JE ₃₆	2007 11 19.4	03 37.10 +13 00.1 19.1	-1.01 - 2.2	3.2/18.3	26765
2005 JF ₂₇	2007 11 19.4	03 37.13 +21 13.3 21.2	-0.88 - 1.2	0.5/19.7	77882
2000 TN ₄₅	2007 11 19.4	03 37.14 +16 08.1 19.9	-1.18 - 0.9	1.2/18.9	04141
2001 TM ₅₇	2007 11 19.4	03 37.14 +13 53.8 19.6	-0.81 - 5.0	2.0/18.3	25837
2002 QU ₁₀₉	2007 11 19.4	03 37.17 +20 33.1 20.0	-0.97 - 3.6	0.5/19.6	12257
2002 TW ₁₆₅	2007 11 19.4	03 37.18 +34 48.1 19.1	-1.07 - 5.3	5.1/22.9	00378
2003 SS ₄₆	2007 11 19.4	03 37.18 +24 17.5 18.8	-1.07 - 3.3	2.2/20.3	26667
2005 LR ₂	2007 11 19.4	03 37.18 +03 29.3 21.2	-0.78 - 2.5	4.4/16.4	04336
2003 AQ ₅₇	2007 11 19.4	03 37.21 +53 21.5 19.4	-1.64 - 7.8	17.1/29.1	70353
2000 AH ₂₁₈	2007 11 19.4	03 37.22 +16 18.8 19.9	-0.97 - 2.5	1.1/18.9	26566
2002 JX ₃₃	2007 11 19.4	03 37.23 +16 10.1 19.9	-1.04 - 2.4	1.1/18.9	10874
2001 UK ₁₀₁	2007 11 19.4	03 37.23 +24 42.7 19.9	-0.94 - 0.5	1.6/20.3	26603
2003 YA ₁₄₉	2007 11 19.4	03 37.24 +31 00.7 18.6	-1.20 + 2.5	4.8/20.9	26702
2005 GP ₂₀₃	2007 11 19.4	03 37.27 +14 37.6 21.2	-0.90 - 3.2	1.5/18.6	00950
2003 SM ₁₀₅	2007 11 19.4	03 37.28 +25 27.6 20.8	-1.14 - 2.6	2.3/20.5	10984
2005 JG ₁₄	2007 11 19.4	03 37.29 +18 39.5 20.1	-0.91 - 3.6	0.2/19.3	11097
2002 EF ₉₁	2007 11 19.4	03 37.30 +14 20.9 19.9	-1.06 - 3.2	1.8/18.6	02086
2005 EJ ₅₈	2007 11 19.4	03 37.30 +18 35.3 19.8	-1.06 - 4.8	0.4/19.3	77825

2004 BC ₁₀₃	2007 11 19.4	03 37.35 +15 09.1 18.8	-1.78 +14.0	2.1/19.4	62485
2000 WU ₁₂₂	2007 11 19.4	03 37.36 +19 38.9 17.7	-1.04 - 0.5	0.1/19.5	26583
2003 AW ₃₉	2007 11 19.4	03 37.36 -10 01.1 18.5	-0.81 0.0	10.3/14.0	26656
2003 SV ₁₇₅	2007 11 19.4	03 37.43 +16 38.7 20.4	-1.06 - 5.4	1.0/18.9	00547
2003 YD ₁₁₉	2007 11 19.4	03 37.43 +06 49.9 18.5	-1.04 + 2.0	4.8/17.8	26701
2001 UU ₁₀₄	2007 11 19.4	03 37.47 +22 02.0 19.5	-0.90 - 0.6	0.8/19.9	04181
2001 SH ₁₅₇	2007 11 19.4	03 37.53 +26 01.9 18.9	-0.89 - 4.2	2.2/21.0	26599
2001 TR ₈₂	2007 11 19.5	03 37.45 +14 55.3 19.9	-0.81 - 5.2	1.4/18.5	26601
2003 UC ₂	2007 11 19.5	03 37.49 +19 28.5 19.8	-1.06 - 5.3	0.0/19.5	02177
2003 AG ₂₈	2007 11 19.5	03 37.61 +02 42.8 19.0	-0.82 - 0.8	5.3/16.6	26656
2005 JK	2007 11 19.5	03 37.61 +39 35.3 21.0	-1.02 - 0.6	4.8/23.2	14735
2000 SY ₃₆₃	2007 11 19.5	03 37.62 +16 12.4 19.1	-1.19 - 1.1	1.4/19.1	26579
2004 EO ₄₇	2007 11 19.5	03 37.65 +30 44.1 20.1	-1.00 - 0.6	3.7/21.4	86360
2001 KA ₁₄	2007 11 19.5	03 37.66 +06 50.5 19.2	-0.87 - 6.0	4.0/16.8	04150
2002 WR ₁₉	2007 11 19.5	03 37.67 +19 31.1 19.2	-0.92 - 2.0	0.0/19.6	26652
2000 SD ₃₄₂	2007 11 19.5	03 37.67 +14 11.6 18.9	-0.96 - 4.5	2.7/18.5	26579
2001 TA ₇₀	2007 11 19.5	03 37.68 +10 10.7 20.2	-0.77 - 5.1	2.6/17.5	26601
2003 WZ ₁₅₀	2007 11 19.5	03 37.71 +10 28.3 19.0	-0.99 - 0.5	4.1/18.1	57394
2003 YN ₅₇	2007 11 19.5	03 37.76 +02 15.6 18.2	-1.05 + 4.0	7.6/17.8	26700
2000 SD ₃₄₀	2007 11 19.5	03 37.78 +26 25.8 19.8	-1.25 - 2.3	2.8/21.0	04141
1999 VJ ₁₀₀	2007 11 19.5	03 37.80 +21 08.3 19.0	-0.95 - 0.8	0.9/19.9	26561
2002 JP ₁₃₂	2007 11 19.5	03 37.81 +17 55.1 19.4	-1.09 - 4.9	0.6/19.3	87539
2003 PF ₈	2007 11 19.6	03 37.88 +08 42.5 19.6	-1.02 - 4.4	4.4/17.6	26660
2004 EE ₉₂	2007 11 19.6	03 37.89 +27 53.8 19.5	-0.95 - 2.5	3.2/21.2	26712
2003 KQ ₃	2007 11 19.6	03 37.89 +26 54.7 20.3	-1.23 - 5.2	3.0/21.1	75869
2005 JO ₁₀₃	2007 11 19.6	03 37.90 +26 57.1 19.9	-1.15 - 0.7	3.0/20.8	26747
2003 UW ₂₃₇	2007 11 19.6	03 37.97 +20 48.8 19.0	-1.10 - 0.4	0.6/19.8	26686
2002 PN ₁₂₃	2007 11 19.6	03 37.97 +25 15.0 20.5	-1.00 - 5.0	1.9/21.0	26629
2002 QV ₆	2007 11 19.6	03 37.97 +56 38.3 22.2	-1.56 - 2.1	9.5/28.1	10891
2005 ED ₉₀	2007 11 19.6	03 37.98 -18 13.0 19.4	-0.94 - 7.9	15.4/07.6	76855
2005 EU ₃₈	2007 11 19.6	03 38.04 +13 17.8 20.3	-0.96 - 2.3	2.0/18.6	04317
2001 KC ₆	2007 11 19.6	03 38.07 +16 57.7 20.2	-0.95 - 1.9	0.8/19.2	15698
1995 FN ₇	2007 11 19.6	03 38.09 +09 40.4 19.6	-1.05 - 3.4	3.7/17.9	26549
2002 GL ₁₆₁	2007 11 19.6	03 38.10 +16 10.0 19.1	-1.14 - 0.6	1.3/19.2	74173
2001 RJ ₁₄₇	2007 11 19.6	03 38.11 +25 46.6 18.6	-1.02 + 2.1	2.5/20.5	26597
2004 BT ₄₉	2007 11 19.6	03 38.12 +10 22.4 21.1	-0.91 - 2.5	3.1/18.0	26705
2001 QD ₂₆₉	2007 11 19.6	03 38.12 +55 03.6 18.2	-1.31 - 2.7	13.4/29.5	23680
2003 UC ₂₅₀	2007 11 19.6	03 38.16 +21 17.1 19.7	-1.02 - 5.7	0.7/20.0	26686
2005 EF ₂₇₆	2007 11 19.6	03 38.17 +20 38.7 20.0	-1.07 - 3.2	0.5/19.9	77006
1999 XN ₅₇	2007 11 19.6	03 38.20 +16 52.6 18.8	-0.99 - 4.4	1.0/19.2	26563
2004 XE ₁₈₄	2007 11 19.6	03 38.20 +20 41.1 18.5	-1.15 + 0.1	0.6/19.8	26720
2002 PG ₁₂₁	2007 11 19.6	03 38.20 +31 46.4 17.7	-0.99 - 5.8	5.2/22.5	26629
2004 PS ₂	2007 11 19.6	03 38.24 -26 26.2 20.1	-1.21 + 2.5	20.7/12.8	18077
2004 ER ₅₉	2007 11 19.6	03 38.26 +32 23.5 20.2	-0.90 - 2.7	3.4/22.2	97700
2002 PJ ₁₃₆	2007 11 19.6	03 38.27 +42 09.7 17.5	-1.10 - 3.0	10.5/24.5	62396
1998 BQ ₁₈	2007 11 19.6	03 38.27 +08 12.3 20.1	-0.98 - 3.2	3.7/17.7	73933
2003 AQ ₇₁	2007 11 19.6	03 38.28 +48 03.9 18.0	-1.58 -12.5	13.0/28.2	02143
2001 CY ₃₇	2007 11 19.6	03 38.30 -17 53.1 21.1	-1.32 + 2.1	15.6/14.6	02028
2005 ES ₂₆₆	2007 11 19.6	03 38.32 +04 19.4 20.4	-0.88 - 6.4	5.3/16.3	77852
2005 CC ₁₁	2007 11 19.6	03 38.33 +22 54.3 20.0	-1.15 - 2.6	1.5/20.3	26023
2003 BJ ₇₇	2007 11 19.6	03 38.33 +17 08.1 19.6	-0.87 - 2.1	0.8/19.3	24391

2005 JW ₃₅	2007 11 19.6	03 38.33 +10 10.7 21.0	-0.82 - 2.5	2.8/18.0	04332
2005 GW ₁₁₇	2007 11 19.6	03 38.39 +33 58.0 19.4	-1.17 + 1.3	5.0/21.9	02250
2006 RT ₁₃	2007 11 19.7	03 38.32 +05 42.3 19.9	-0.90 - 7.5	5.2/16.4	24499
2003 YA ₁₄	2007 11 19.7	03 38.37 +43 51.6 19.5	-1.16 - 5.8	11.2/26.3	04279
2005 JW ₅₄	2007 11 19.7	03 38.38 +19 57.0 21.6	-0.82 - 2.7	0.1/19.8	26746
2003 QP ₂₂	2007 11 19.7	03 38.39 +18 54.2 19.5	-1.09 - 4.6	0.2/19.6	26661
1999 JD ₇₄	2007 11 19.7	03 38.41 +12 44.1 19.8	-1.09 - 2.3	2.6/18.6	26556
2005 EV ₁₈₀	2007 11 19.7	03 38.41 +08 35.8 20.5	-0.98 - 3.7	3.9/17.7	76939
2003 QD ₁₀₀	2007 11 19.7	03 38.46 +10 29.1 20.7	-1.05 - 4.2	3.3/18.1	00495
2002 RW ₁₂₅	2007 11 19.7	03 38.48 -03 29.6 20.6	-0.93 - 1.1	7.7/16.1	16220
1999 VO ₅	2007 11 19.7	03 38.57 +17 30.5 17.6	-0.97 - 5.2	0.8/19.4	26560
2005 GX ₅₆	2007 11 19.7	03 38.58 +18 13.2 20.1	-0.93 - 2.3	0.4/19.5	26742
2005 GB ₁	2007 11 19.7	03 38.60 +16 20.3 20.6	-1.01 - 1.7	1.0/19.2	77032
2003 YL ₁₃₇	2007 11 19.7	03 38.65 +12 13.0 19.7	-0.96 - 0.6	2.7/18.6	26702
2001 SD ₁₂₅	2007 11 19.7	03 38.67 +06 23.4 19.4	-0.80 - 4.6	4.5/17.0	75119
2004 FF ₃₈	2007 11 19.7	03 38.68 +09 50.3 19.4	-0.79 - 6.1	3.0/17.6	26712
2004 CO ₂₀	2007 11 19.7	03 38.72 +19 00.0 20.6	-0.93 - 2.1	0.2/19.7	76410
2002 SM ₃₈	2007 11 19.7	03 38.79 +26 26.9 19.9	-1.03 - 1.4	2.6/21.0	75646
2002 AA ₁₅₅	2007 11 19.8	03 38.72 +07 03.9 18.7	-1.08 - 2.4	5.1/17.7	26607
2001 TF ₁₇₉	2007 11 19.8	03 38.72 +03 36.7 19.9	-0.78 -10.8	5.2/15.5	00072
2006 KK ₁₂₀	2007 11 19.8	03 38.72 +01 56.9 19.0	-1.01 + 2.2	7.4/17.7	26770
2002 VN ₄₄	2007 11 19.8	03 38.73 +11 09.0 19.1	-0.99 + 2.0	3.1/18.8	26650
2005 CO ₄	2007 11 19.8	03 38.77 +23 51.0 19.4	-1.12 - 2.9	1.7/20.6	26725
2001 SD ₁₁₇	2007 11 19.8	03 38.81 +28 51.3 20.0	-0.92 - 4.1	3.0/21.8	12763
2002 QU ₁₁₃	2007 11 19.8	03 38.81 +35 28.2 21.3	-1.10 - 4.8	5.3/23.3	19583
2000 CE ₁₄₀	2007 11 19.8	03 38.81 +23 08.3 20.6	-0.96 - 3.4	1.2/20.5	10726
2002 PU ₁₂₈	2007 11 19.8	03 38.86 +13 21.7 19.5	-1.02 + 0.6	2.3/19.0	26629
2004 ES ₉₄	2007 11 19.8	03 38.88 -02 03.3 19.6	-0.77 - 1.8	5.8/15.7	65621
2003 XV ₈	2007 11 19.8	03 38.91 +44 13.8 17.9	-1.25 - 3.9	10.8/25.7	77754
2005 ES ₂₀₆	2007 11 19.8	03 38.95 +20 19.6 20.8	-0.98 - 4.1	0.3/20.0	11087
2005 EB ₉₀	2007 11 19.8	03 38.96 +15 39.2 19.9	-1.06 - 3.4	1.5/19.2	26733
2005 LM ₄₅	2007 11 19.8	03 38.96 +10 16.6 20.8	-0.82 - 4.0	2.6/18.0	11107
2003 SB ₁₈₁	2007 11 19.8	03 39.00 +30 09.1 20.1	-1.17 - 3.5	4.0/21.9	10986
2001 QG ₂₄₀	2007 11 19.8	03 39.00 +35 15.2 19.2	-1.02 - 1.5	5.7/22.7	48064
2005 EW ₈₄	2007 11 19.8	03 39.00 -00 05.8 20.6	-0.89 - 2.0	5.8/16.3	87654
2005 EW ₁₃₈	2007 11 19.8	03 39.07 +11 30.6 21.4	-0.78 - 3.4	2.1/18.3	14148
2004 FW ₁₀₁	2007 11 19.8	03 39.09 +09 40.3 20.8	-0.80 - 4.8	3.0/17.8	14107
1992 SX ₁₀	2007 11 19.8	03 39.09 +18 54.0 21.6	-1.10 - 2.8	0.2/19.8	07709
2005 GO ₇	2007 11 19.8	03 39.11 +18 26.5 21.8	-0.93 - 2.0	0.3/19.7	77857
2002 QR ₉₆	2007 11 19.8	03 39.19 -02 21.3 19.8	-0.90 + 0.1	9.4/16.3	03366
2005 AD ₇	2007 11 19.9	03 39.13 +23 49.8 20.2	-1.14 - 2.7	1.6/20.6	26721
2005 EP ₁₄₈	2007 11 19.9	03 39.15 +14 39.9 20.3	-1.04 - 2.8	1.9/19.1	76915
2003 XK ₄₃	2007 11 19.9	03 39.18 +25 00.7 18.4	-0.97 - 4.3	2.5/21.0	26698
2003 QD ₃₃	2007 11 19.9	03 39.18 +25 56.8 18.9	-1.15 - 5.2	2.7/21.2	26662
2001 TQ ₁₇₃	2007 11 19.9	03 39.20 +04 00.7 20.4	-0.78 - 6.4	5.4/16.5	48128
2003 AX ₆₄	2007 11 19.9	03 39.24 -00 17.5 19.6	-0.93 + 1.9	5.6/17.0	65422
2002 OD ₅	2007 11 19.9	03 39.24 +04 40.6 18.7	-0.89 - 3.9	5.5/17.1	35591
2001 SQ ₁₄₃	2007 11 19.9	03 39.27 +08 56.4 19.9	-0.80 - 4.9	3.4/17.7	88916
2000 EB ₁₆	2007 11 19.9	03 39.28 +32 20.4 19.4	-1.06 - 2.6	4.7/22.3	10729
2004 ER ₆₆	2007 11 19.9	03 39.30 +41 27.1 19.8	-1.12 - 0.2	6.6/23.7	08961
2000 BE ₉	2007 11 19.9	03 39.31 +14 05.9 19.8	-0.94 - 3.1	1.9/18.9	01993

2002 RR ₂₇₄	2007 11 19.9	03 39.31 +18 31.8 20.6	-0.98 - 3.0	0.3/19.8	22415
2006 KF ₃₉	2007 11 19.9	03 39.33 +11 49.9 20.1	-1.00 - 4.4	2.8/18.5	26768
2005 EF ₂₆₁	2007 11 19.9	03 39.34 +21 53.7 20.7	-1.10 - 2.2	0.9/20.3	77851
2001 SK ₁₁₇	2007 11 19.9	03 39.39 +33 50.1 19.9	-0.98 - 3.4	4.6/22.9	13796
2001 SJ ₂₄₂	2007 11 19.9	03 39.39 +13 08.9 19.5	-0.80 - 4.0	2.3/18.7	10800
2003 QQ ₄₈	2007 11 19.9	03 39.39 +22 56.6 17.9	-1.03 - 2.8	1.7/20.6	26662
2001 UX ₁₀₀	2007 11 19.9	03 39.43 +31 05.5 20.6	-1.02 - 0.6	3.4/21.9	04180
2003 QX ₁₅	2007 11 19.9	03 39.47 +22 38.0 19.1	-1.03 - 7.4	1.4/21.0	97662
2004 BE ₇	2007 11 19.9	03 39.49 +18 24.7 20.0	-0.95 - 1.8	0.4/19.8	26704
2001 TV ₁₈₃	2007 11 19.9	03 39.51 +29 17.7 20.2	-0.96 - 0.4	3.0/21.6	85077
2004 BQ ₈₂	2007 11 19.9	03 39.52 +15 00.1 19.5	-0.93 - 1.3	1.5/19.2	87608
2003 SX ₁₁₇	2007 11 19.9	03 39.55 +21 11.6 19.5	-1.05 - 3.2	0.8/20.3	24404
2003 QK ₂₄	2007 11 19.9	03 39.59 +27 53.9 19.6	-1.09 - 6.4	3.7/21.8	53747
2003 YU ₁₁₉	2007 11 20.0	03 39.52 +41 50.2 18.9	-1.00 - 6.3	10.6/25.8	87602
2005 BB ₂₇	2007 11 20.0	03 39.55 +28 43.8 19.2	-1.58 + 6.3	3.9/20.6	26022
2001 TP ₈₂	2007 11 20.0	03 39.55 +18 55.6 19.0	-0.83 - 5.1	0.2/19.9	08039
2002 CS ₆₉	2007 11 20.0	03 39.57 +07 49.2 19.6	-1.08 - 2.8	4.6/18.1	00155
2003 QK ₁₁₄	2007 11 20.0	03 39.58 +21 36.8 20.9	-1.11 - 4.5	0.8/20.4	26665
2002 LU ₂₀	2007 11 20.0	03 39.62 +10 46.7 19.3	-1.01 - 0.9	3.1/18.7	89296
2003 QM ₁₀₁	2007 11 20.0	03 39.68 +22 48.2 20.0	-1.17 - 3.2	1.3/21.0	02159
2006 QM ₁₅	2007 11 20.0	03 39.74 +04 16.9 20.8	-0.79 - 2.8	4.3/17.2	09629
2000 EJ ₁₉₈	2007 11 20.0	03 39.75 +12 29.4 20.9	-0.93 - 5.6	2.3/18.6	47871
2002 TP ₁₁₈	2007 11 20.0	03 39.78 +31 05.2 20.5	-1.05 - 3.5	3.8/22.3	48286
1998 XK ₂	2007 11 20.0	03 39.78 +20 02.3 19.5	-0.93 - 5.7	0.2/20.2	10698
2002 GA ₉₈	2007 11 20.0	03 39.80 +22 35.1 20.5	-1.08 - 4.7	1.1/20.6	26619
2002 GW ₄₁	2007 11 20.0	03 39.82 +14 20.6 19.7	-1.02 - 5.6	2.0/19.0	24355
2002 OD ₁₇	2007 11 20.0	03 39.82 -06 35.4 19.0	-0.88 - 3.3	9.5/14.8	75410
2004 FM ₁₃₄	2007 11 20.0	03 39.95 +23 57.4 20.0	-0.86 - 3.7	1.2/21.0	26713
2006 GC ₂₃	2007 11 20.0	03 39.96 +14 11.4 19.9	-1.12 - 3.7	2.3/19.2	26758
2001 RS ₆₇	2007 11 20.0	03 39.97 +35 30.7 19.6	-1.01 - 1.7	4.8/23.1	10787
2000 VR ₆	2007 11 20.0	03 39.99 +23 39.5 18.2	-1.08 + 6.0	2.4/20.4	26581
2000 AC ₄₃	2007 11 20.0	03 40.04 -26 27.7 18.3	-1.11 + 8.9	19.8/17.1	24301
2005 EG ₇₉	2007 11 20.1	03 39.96 +09 55.3 19.3	-1.08 - 2.0	4.2/18.5	26732
2005 CV ₁₀	2007 11 20.1	03 39.98 +27 29.7 20.2	-1.16 - 2.4	2.9/21.4	77809
2003 QA ₄₄	2007 11 20.1	03 39.98 +22 53.2 20.5	-1.15 - 4.2	1.3/21.0	97663
2000 AJ ₄	2007 11 20.1	03 40.01 +13 09.0 19.0	-0.99 - 1.5	2.5/19.1	77428
2002 QZ ₄	2007 11 20.1	03 40.02 +16 15.7 20.7	-0.95 - 4.0	1.0/19.5	02117
2002 AK ₁₂₄	2007 11 20.1	03 40.07 +07 16.4 19.7	-1.09 - 1.7	4.6/18.2	10852
2004 EJ ₃₁	2007 11 20.1	03 40.09 +23 26.6 19.2	-0.85 - 4.9	1.2/21.0	26711
2006 KP ₄	2007 11 20.1	03 40.10 +17 14.0 19.1	-1.00 - 5.1	0.9/19.7	26767
2001 TO ₂	2007 11 20.1	03 40.11 +29 35.3 19.6	-0.95 - 1.8	3.4/21.9	26600
2001 RV ₅₆	2007 11 20.1	03 40.13 +02 21.0 19.0	-0.78 - 3.8	6.2/16.6	26596
2001 UH ₄₄	2007 11 20.1	03 40.13 +07 14.1 19.1	-0.77 - 5.9	4.0/17.4	02047
1999 YS	2007 11 20.1	03 40.16 +39 19.2 17.5	-1.36 -14.9	8.2/25.4	70239
2001 SZ ₂₈₉	2007 11 20.1	03 40.16 +42 32.3 18.9	-1.07 - 5.0	7.8/25.7	23780
2005 AP ₆₉	2007 11 20.1	03 40.17 +15 28.3 21.1	-1.06 - 2.7	1.5/19.4	76610
2000 SC ₂₆₅	2007 11 20.1	03 40.17 +15 02.7 19.8	-1.12 - 2.8	2.0/19.4	26578
2003 SH ₁₂	2007 11 20.1	03 40.22 +07 11.4 19.5	-1.01 - 3.3	5.3/18.0	26666
2002 QP ₇₈	2007 11 20.1	03 40.27 +15 43.1 19.5	-0.97 - 2.1	1.5/19.5	03362
2005 AE ₂₈	2007 11 20.1	03 40.31 +08 20.7 20.2	-1.04 - 2.3	4.3/18.3	73779
2000 HY ₇₉	2007 11 20.1	03 40.31 +05 07.0 18.7	-1.10 + 3.8	4.9/18.6	26571

2001 FO ₁₄₅	2007 11 20.1	03 40.32 +12 29.6 19.6	-1.00 - 3.8	2.7/18.8	26590
2002 RM ₁₈₃	2007 11 20.1	03 40.33 +43 04.2 19.2	-1.08 - 6.3	9.8/26.3	61330
1999 XR ₂₅₅	2007 11 20.1	03 40.37 +12 33.0 19.6	-1.00 - 1.3	2.7/19.0	26565
2005 EG ₁₀	2007 11 20.1	03 40.39 +24 54.5 19.3	-1.09 - 3.6	2.5/21.0	26729
2004 DD ₃₆	2007 11 20.1	03 40.43 +15 14.2 20.1	-0.78 - 3.5	1.2/19.3	11033
2000 YB ₅	2007 11 20.1	03 40.44 +40 30.2 18.9	-1.81 + 9.5	9.5/20.7	22681
2005 ER ₂₀₃	2007 11 20.1	03 40.45 +27 08.5 21.5	-1.18 - 2.9	2.9/21.5	76958
2005 JC ₄₉	2007 11 20.2	03 40.38 +27 44.7 18.9	-1.16 + 1.1	3.2/21.3	26746
2003 YS ₇₇	2007 11 20.2	03 40.42 +16 28.5 19.2	-1.00 - 1.7	1.2/19.7	26700
2002 RC ₂₇₂	2007 11 20.2	03 40.43 -10 20.4 19.7	-0.86 - 4.7	12.0/12.7	21553
2005 GA ₇₆	2007 11 20.2	03 40.46 +23 26.6 21.4	-0.98 - 2.4	1.3/20.9	86698
2001 RF ₁₅₂	2007 11 20.2	03 40.47 +16 57.9 19.7	-0.90 - 1.1	0.8/19.8	04162
2002 QA ₁₀₇	2007 11 20.2	03 40.48 +13 27.1 18.7	-0.94 - 4.0	2.5/19.1	26633
2005 JR ₁₃₈	2007 11 20.2	03 40.49 +18 57.4 21.1	-0.85 - 3.2	0.2/20.1	26747
2005 ER ₁₈₈	2007 11 20.2	03 40.50 +18 36.5 20.1	-1.05 - 4.1	0.4/20.0	26737
2003 SS ₁₂₉	2007 11 20.2	03 40.54 +22 13.4 18.9	-1.05 - 0.8	1.3/21.0	23917
2006 JC ₅₁	2007 11 20.2	03 40.59 +16 50.8 18.9	-1.09 - 1.3	1.3/19.8	26766
2002 TX ₁₂	2007 11 20.2	03 40.62 +15 07.1 19.4	-0.94 - 1.4	1.9/19.5	61366
2002 NR ₃₄	2007 11 20.2	03 40.63 -02 12.5 18.7	-0.91 - 1.8	8.4/16.6	26625
2002 TS ₂₁₁	2007 11 20.2	03 40.65 +01 47.0 19.1	-0.90 - 0.6	7.1/17.3	26645
2004 EY ₅₂	2007 11 20.2	03 40.68 +30 50.5 20.3	-1.01 - 0.6	3.7/22.1	62041
2002 QX ₉₅	2007 11 20.2	03 40.74 +17 12.7 19.8	-0.93 - 4.6	0.8/19.8	26632
2002 OV ₁₂	2007 11 20.2	03 40.75 +36 32.7 19.7	-1.11 - 5.1	5.4/24.0	04206
2002 TT ₁₇₆	2007 11 20.2	03 40.78 +15 41.8 16.6	-0.72 -15.3	1.8/19.1	26644
2005 EO ₂₁₂	2007 11 20.2	03 40.79 -17 17.7 20.5	-0.87 - 1.4	10.9/13.0	11087
2002 LY ₄₉	2007 11 20.3	03 40.79 +16 39.9 20.1	-1.11 - 1.2	1.2/19.9	10878
2001 UK ₁₂₈	2007 11 20.3	03 40.80 +31 42.8 20.0	-0.92 - 3.5	3.7/22.8	10822
2002 EF ₁₁₀	2007 11 20.3	03 40.82 +10 19.0 21.0	-1.03 - 3.1	3.2/18.7	26615
2001 UC ₂₂₀	2007 11 20.3	03 40.88 +11 58.6 20.8	-0.77 - 5.5	2.3/18.7	24338
2006 GH ₃₀	2007 11 20.3	03 40.92 +17 21.9 20.9	-1.13 - 2.5	0.8/20.0	26758
2005 EQ ₈₃	2007 11 20.3	03 40.97 +32 04.5 20.2	-1.04 - 2.5	3.8/22.7	11083
2000 QF ₂₂₄	2007 11 20.3	03 41.00 +12 47.3 19.7	-1.09 - 5.0	2.6/19.1	26574
2001 KH ₄₂	2007 11 20.3	03 41.00 +23 04.3 20.3	-0.97 - 3.9	1.1/21.0	10769
2006 QB ₅₇	2007 11 20.3	03 41.00 +17 39.9 21.1	-0.84 - 2.9	0.6/20.0	26771
2005 CH ₅₁	2007 11 20.3	03 41.01 +22 00.3 19.8	-1.07 - 3.8	0.9/20.8	26727
2005 JY ₄₉	2007 11 20.3	03 41.01 +15 54.4 18.7	-0.86 - 1.1	1.2/19.7	04332
2001 SE ₂₀₆	2007 11 20.3	03 41.05 +36 35.6 20.6	-1.04 - 1.2	4.9/23.4	10799
2004 FH ₁₂₆	2007 11 20.3	03 41.10 +16 30.5 19.3	-0.88 - 3.1	1.1/19.8	00715
1998 DY ₆	2007 11 20.3	03 41.13 +28 41.4 20.0	-0.88 - 4.4	2.7/22.3	07751
2002 SM ₆₆	2007 11 20.3	03 41.13 +09 30.7 19.7	-0.93 - 1.9	4.0/18.6	03410
2001 UO ₂₈	2007 11 20.3	03 41.16 +25 02.9 19.2	-0.94 - 0.3	1.6/21.2	26602
2003 YT ₁₄	2007 11 20.3	03 41.17 +14 30.9 19.1	-1.03 + 0.7	1.7/19.7	26698
2003 WM ₆₂	2007 11 20.3	03 41.18 +17 21.7 19.5	-1.04 - 3.6	0.9/20.0	24426
2003 YT ₄₆	2007 11 20.3	03 41.19 +17 42.4 18.9	-1.00 - 2.2	0.7/20.1	26699
2002 FY ₇	2007 11 20.3	03 41.20 +23 37.3 19.6	-1.17 - 2.2	1.6/21.0	72580
1998 AM ₁	2007 11 20.3	03 41.25 +17 02.3 20.8	-0.82 - 2.5	0.7/19.9	25787
2003 QU ₁₇	2007 11 20.3	03 41.26 +29 39.8 17.9	-1.13 - 1.4	5.2/22.1	26661
2006 HG ₁₆	2007 11 20.3	03 41.26 +17 06.5 20.5	-1.17 - 1.2	1.0/20.0	02320
2003 RT ₆	2007 11 20.4	03 41.20 +27 51.5 19.2	-1.10 - 5.5	3.5/22.1	26665
2003 QE ₁₁	2007 11 20.4	03 41.23 +37 23.1 19.1	-1.28 - 2.3	7.8/23.7	10979
2005 GE ₁₄₄	2007 11 20.4	03 41.24 +13 12.8 19.5	-0.84 - 1.4	1.9/19.3	04329

2006 LV ₄	2007 11 20.4	03 41.24 +03 03.5 19.1	-0.95 + 0.1	5.8/18.0	26770
2005 GC ₁₂₇	2007 11 20.4	03 41.24 +14 28.2 20.5	-0.92 - 3.4	1.7/19.5	11094
2003 NZ	2007 11 20.4	03 41.28 +12 44.5 21.6	-1.23 - 0.3	2.9/19.5	53736
2002 GT ₄₆	2007 11 20.4	03 41.28 +20 57.2 20.4	-1.16 - 2.9	0.5/20.6	26617
2003 YG ₁₂₉	2007 11 20.4	03 41.36 +04 36.2 18.7	-1.07 + 3.9	6.5/18.7	25982
1999 XG ₁₃₉	2007 11 20.4	03 41.39 +15 27.9 17.9	-0.99 - 0.1	1.9/19.8	26564
2003 WW ₁₂₇	2007 11 20.4	03 41.41 +34 39.1 19.7	-1.20 + 0.4	5.2/22.6	11005
2003 SR ₁₇₆	2007 11 20.4	03 41.44 +16 32.6 19.4	-1.08 - 3.4	1.3/19.9	26671
2001 HE ₅₆	2007 11 20.4	03 41.45 +10 03.8 20.0	-0.96 - 3.1	3.2/18.7	74976
1998 XY ₆₅	2007 11 20.4	03 41.45 +26 12.4 17.4	-0.81 -11.3	3.1/22.2	38206
1999 XO ₁₄₂	2007 11 20.4	03 41.47 -04 20.5 19.2	-1.29 + 6.9	9.2/18.5	26564
2006 MG ₁₂	2007 11 20.4	03 41.47 +32 46.9 21.0	-0.97 - 5.0	4.0/23.4	26182
2006 JF ₁₀	2007 11 20.4	03 41.49 +22 13.8 19.0	-1.13 - 2.7	1.3/21.0	24493
2002 KK ₁	2007 11 20.4	03 41.53 +22 53.7 19.6	-1.32 + 3.1	1.1/20.8	26623
2001 TC ₉₁	2007 11 20.4	03 41.54 +30 38.9 19.5	-0.95 - 1.5	3.3/22.4	14629
2000 YU ₈₂	2007 11 20.4	03 41.59 +14 01.2 19.0	-0.99 - 3.9	2.7/19.4	26585
2002 AN ₁₇	2007 11 20.4	03 41.60 +20 08.8 18.2	-1.05 - 5.5	0.3/20.6	26606
2004 BD ₄₀	2007 11 20.4	03 41.64 +23 54.0 18.7	-0.96 - 3.8	1.6/21.3	04288
2002 PE ₉₀	2007 11 20.5	03 41.63 +34 12.6 18.5	-1.07 - 7.1	5.0/23.9	02114
2001 PZ ₂₇	2007 11 20.5	03 41.63 +17 17.8 18.6	-0.93 - 0.9	0.8/20.1	26592
2003 UK ₁₃₉	2007 11 20.5	03 41.66 +14 43.8 19.7	-1.11 + 0.2	2.1/19.8	00625
2006 MP ₁₄	2007 11 20.5	03 41.67 +26 02.8 20.8	-1.09 - 3.7	2.3/21.7	26770
2005 CF ₃₄	2007 11 20.5	03 41.71 +22 11.5 20.2	-1.10 - 2.9	0.9/21.0	26727
2002 JF ₉₅	2007 11 20.5	03 41.76 +21 58.5 20.1	-1.09 - 2.8	0.8/20.9	26622
2002 PL ₁₁₆	2007 11 20.5	03 41.77 +16 04.8 19.0	-0.88 -10.2	1.5/19.6	25862
2002 RT ₁₈₀	2007 11 20.5	03 41.78 +17 37.2 20.4	-0.96 - 3.2	0.7/20.2	77644
2006 FP ₂₇	2007 11 20.5	03 41.79 +29 26.1 20.9	-1.26 - 0.6	3.6/22.0	01530
2006 LS ₁	2007 11 20.5	03 41.81 +14 37.3 20.3	-1.07 - 3.9	1.9/19.6	26770
2002 EQ	2007 11 20.5	03 41.84 +14 59.0 20.9	-1.01 - 3.6	1.5/19.7	26613
2005 GJ ₁₂₇	2007 11 20.5	03 41.85 +09 36.7 20.3	-0.85 - 0.4	2.8/19.0	26050
2006 RT ₂₈	2007 11 20.5	03 41.92 +16 28.4 21.2	-0.82 - 4.1	0.9/19.9	26772
2003 AV ₆₂	2007 11 20.5	03 41.96 +20 20.3 19.8	-0.86 - 2.8	0.2/20.7	24390
2005 EF ₅₂	2007 11 20.5	03 41.96 +16 16.2 20.2	-1.03 - 3.4	1.2/20.0	76811
1999 JR ₅	2007 11 20.5	03 41.97 +15 31.7 20.2	-1.18 + 0.6	1.5/20.0	99904
2005 GS ₁₅₂	2007 11 20.5	03 41.98 +12 58.8 20.0	-0.93 - 4.2	2.2/19.3	11095
2004 EF ₃	2007 11 20.5	03 42.01 +01 16.9 19.8	-0.84 - 1.3	5.6/17.3	11036
2000 CL ₉₈	2007 11 20.5	03 42.02 +20 02.0 19.8	-0.98 - 3.5	0.1/20.6	77439
2003 WS ₁₃₈	2007 11 20.5	03 42.05 +15 58.9 16.9	-1.15 + 5.2	1.7/20.3	26695
1998 QN ₁₅	2007 11 20.5	03 42.09 +12 38.8 17.6	-0.84 - 7.2	3.3/19.0	26553
2006 PG ₁₁	2007 11 20.6	03 42.04 +18 43.8 20.0	-0.84 - 2.1	0.3/20.4	26771
2006 SX ₁₂	2007 11 20.6	03 42.06 +11 04.5 20.0	-0.82 - 5.6	2.8/18.8	09949
2005 EK ₂₂₁	2007 11 20.6	03 42.13 +29 49.3 19.8	-1.02 - 1.8	3.4/22.4	04322
2003 SR ₃₀₀	2007 11 20.6	03 42.14 +23 19.0 19.3	-1.09 - 6.0	1.4/21.4	26675
2000 ED ₉₉	2007 11 20.6	03 42.18 +42 42.4 19.0	-1.20 - 0.7	10.0/24.8	87377
2004 EM ₆₉	2007 11 20.6	03 42.18 +06 05.3 20.3	-0.81 - 4.0	4.6/17.9	89525
2002 PS ₇₀	2007 11 20.6	03 42.19 +11 04.4 19.2	-0.89 - 7.1	3.1/18.7	26628
2002 PN ₁₃₇	2007 11 20.6	03 42.22 +03 37.8 20.7	-0.97 - 0.5	5.9/18.4	00314
1978 PF	2007 11 20.6	03 42.23 +41 53.2 20.1	-1.33 + 2.3	6.9/23.9	26548
2005 EK ₁₈	2007 11 20.6	03 42.27 +22 45.8 20.1	-1.16 - 3.0	1.3/21.0	26730
2003 TF ₄₉	2007 11 20.6	03 42.28 +24 59.2 20.1	-1.06 - 5.5	2.0/21.7	26677
2004 DV ₄₈	2007 11 20.6	03 42.29 +23 45.3 20.2	-0.95 - 2.8	1.4/21.4	26710

2005 JZ ₃₂	2007 11 20.6	03 42.36 +23 49.4 19.8	-0.95 - 0.5	1.2/21.3	87671
2002 UU ₅₁	2007 11 20.6	03 42.41 +36 49.1 20.8	-1.11 - 5.2	5.8/24.3	19585
2001 TP ₁₂₈	2007 11 20.6	03 42.42 +23 47.9 19.1	-0.86 - 6.4	1.4/21.6	26601
2005 EX ₁₃₅	2007 11 20.6	03 42.43 +20 36.7 19.4	-1.09 - 1.3	0.4/20.8	26734
2003 SF ₁₈₁	2007 11 20.6	03 42.44 +23 10.8 19.9	-1.13 - 3.6	1.4/21.3	26671
2005 GT ₁₅₂	2007 11 20.6	03 42.44 +08 55.4 20.3	-0.87 - 5.8	3.3/18.4	09203
2004 BC ₁₆₃	2007 11 20.6	03 42.45 +15 24.2 19.0	-0.90 - 2.9	1.5/19.9	23975
2002 XB ₆₇	2007 11 20.6	03 42.47 -08 15.9 19.5	-0.89 + 2.9	10.9/16.7	25902
2001 SA ₂₅₆	2007 11 20.6	03 42.48 +16 38.3 18.8	-0.85 - 1.8	1.0/20.2	26600
2005 EG ₂₉₀	2007 11 20.6	03 42.51 +30 15.6 20.4	-1.09 + 0.1	3.5/22.3	77853
2005 BU ₂₈	2007 11 20.7	03 42.46 +23 58.2 20.9	-1.14 - 2.5	1.6/21.4	73827
2003 UF ₁₄₀	2007 11 20.7	03 42.48 +01 31.2 19.5	-1.01 - 2.8	7.7/17.8	26682
2006 QK ₂	2007 11 20.7	03 42.50 +21 37.1 20.1	-0.74 - 2.6	0.5/21.1	24094
2001 TA ₂₄₀	2007 11 20.7	03 42.50 +09 36.3 19.6	-0.81 - 2.4	3.2/18.9	10816
2002 RV ₁₃₃	2007 11 20.7	03 42.52 +20 20.6 18.1	-1.06 + 0.8	9.3/11.0	26636
2001 SE ₄₁	2007 11 20.7	03 42.55 -00 37.6 20.4	-0.79 - 5.2	6.5/16.5	88901
2004 BT ₂₂	2007 11 20.7	03 42.67 +03 35.1 19.5	-0.93 + 0.3	6.6/18.4	25987
2003 WR ₁₂₂	2007 11 20.7	03 42.73 +25 04.3 18.8	-1.04 - 3.9	2.1/21.8	26694
2005 GN ₁₁₂	2007 11 20.7	03 42.75 +28 40.3 19.6	-1.03 - 2.4	3.3/22.4	26743
2000 SQ ₂₈	2007 11 20.7	03 42.75 +20 33.8 18.6	-1.07 - 6.4	11.6/11.0	02006
1995 EW ₃	2007 11 20.7	03 42.75 +20 59.3 19.9	-1.13 - 3.9	0.5/21.0	01963
2002 RC ₆₁	2007 11 20.7	03 42.82 +10 19.5 19.8	-0.89 - 5.8	3.3/18.8	26635
2003 WD ₁₄₂	2007 11 20.7	03 42.83 +15 10.5 16.7	-0.80 + 6.3	2.7/20.4	26695
2003 YV ₆₂	2007 11 20.7	03 42.90 +07 29.7 18.8	-0.96 - 0.3	4.4/18.9	04281
2006 HK ₆	2007 11 20.7	03 42.99 +33 04.6 19.3	-1.34 - 1.3	5.3/23.0	01618
2004 BY ₅₁	2007 11 20.8	03 42.87 +09 18.1 20.0	-0.86 - 2.4	3.3/18.9	02200
2001 FE ₁₀₅	2007 11 20.8	03 42.87 +15 16.6 19.5	-1.03 - 3.6	1.8/20.0	26590
2002 RO ₁₈₆	2007 11 20.8	03 42.89 +12 40.6 18.7	-0.88 - 7.3	2.6/19.2	26637
2003 SM ₁₄₅	2007 11 20.8	03 42.91 +30 00.7 18.8	-1.11 - 5.3	4.4/22.9	26670
2003 AZ ₁₂	2007 11 20.8	03 42.91 -20 23.5 19.1	-0.87 + 1.6	12.1/13.4	24390
2003 WS ₅₅	2007 11 20.8	03 42.95 +24 33.8 18.6	-1.04 - 2.0	2.2/21.6	26691
2005 GH ₈	2007 11 20.8	03 42.98 +17 51.5 19.8	-0.89 - 6.7	0.5/20.4	26741
2005 JV ₄₈	2007 11 20.8	03 43.02 +11 39.3 20.1	-0.88 + 0.2	2.6/19.6	26746
2003 QO ₅₇	2007 11 20.8	03 43.05 +21 26.7 19.6	-1.11 - 2.7	0.8/21.1	03510
2002 JE ₅₀	2007 11 20.8	03 43.08 +22 58.4 21.1	-1.08 - 4.3	1.1/21.4	10874
2001 QS ₃₃₃	2007 11 20.8	03 43.09 +42 23.8 20.6	-1.09 - 2.0	6.9/25.3	07964
2005 GL ₁₃₉	2007 11 20.8	03 43.09 +17 44.7 19.4	-0.99 - 0.6	0.7/20.5	09200
2003 YG ₁₇₄	2007 11 20.8	03 43.10 +15 40.1 20.0	-0.98 - 2.2	1.4/20.2	26703
2003 AP ₆₅	2007 11 20.8	03 43.10 +11 48.4 18.8	-0.95 + 2.0	2.6/19.8	26656
2003 SW ₂₅₆	2007 11 20.8	03 43.11 +24 48.3 19.1	-1.11 - 3.4	2.2/21.7	76012
2002 RC ₂₇₁	2007 11 20.8	03 43.13 +11 48.6 19.4	-0.92 - 3.9	2.9/19.4	26639
2002 JS ₁₁	2007 11 20.8	03 43.15 +20 04.8 19.7	-1.07 - 2.6	8.5/11.0	26621
2002 LZ ₁₂	2007 11 20.8	03 43.18 +15 57.9 19.4	-0.97 - 4.5	1.2/20.1	26624
2006 NE	2007 11 20.8	03 43.22 +15 42.9 18.5	-1.09 + 2.1	1.4/20.4	26771
2005 CL ₆₀	2007 11 20.8	03 43.22 +23 11.7 20.0	-1.13 - 3.5	1.4/21.5	26728
2001 UX ₁₃₆	2007 11 20.8	03 43.24 +22 34.1 19.1	-0.91 - 1.1	0.9/21.3	24338
2002 GE ₈₁	2007 11 20.8	03 43.25 +11 55.5 20.2	-1.02 - 3.3	2.8/19.5	26618
2002 XV ₇₃	2007 11 20.8	03 43.30 +17 44.2 18.9	-1.00 + 1.9	0.8/20.6	50724
2005 CH ₄₄	2007 11 20.8	03 43.30 +23 48.5 20.0	-1.14 - 2.6	1.8/21.6	77812
2001 RD ₂₆	2007 11 20.8	03 43.31 +33 23.6 19.7	-1.01 - 1.7	4.2/23.3	04159
2000 SM ₁₀₉	2007 11 20.8	03 43.36 +15 56.1 18.8	-1.05 - 4.7	1.8/20.2	26577

2005 JM ₁₂₉	2007 11 20.8	03 43.36 +17 57.2 20.0	-0.95 + 0.2	0.6/20.6	87675
1999 VT ₁₃	2007 11 20.9	03 43.29 +59 56.5 19.4	-2.30 +13.4	23.8/21.0	46384
2002 LQ ₁	2007 11 20.9	03 43.31 +10 37.5 20.2	-1.06 - 3.1	3.4/19.3	04202
2003 SP ₈₃	2007 11 20.9	03 43.31 +08 50.0 19.1	-0.96 - 4.0	5.0/18.8	26668
2004 FK ₁₇	2007 11 20.9	03 43.32 +03 21.8 19.5	-0.83 - 0.6	5.0/18.2	26712
2005 EW ₄₉	2007 11 20.9	03 43.39 +21 07.9 19.7	-1.00 - 4.5	0.5/21.2	22787
2001 OU ₁₀₆	2007 11 20.9	03 43.40 +34 06.0 17.5	-0.96 - 3.9	5.4/23.9	40225
2005 EV ₁	2007 11 20.9	03 43.41 -19 33.4 21.1	-1.04 - 8.9	15.8/07.7	77816
2006 RS ₂₈	2007 11 20.9	03 43.42 +08 24.9 20.1	-0.80 - 4.9	3.8/18.6	09835
2005 EJ ₈₅	2007 11 20.9	03 43.43 +14 26.5 20.0	-1.05 - 3.1	2.1/20.0	26733
2003 UE ₂₇₂	2007 11 20.9	03 43.45 +15 49.3 19.1	-0.96 - 6.4	1.7/20.1	26687
2002 QL ₇₈	2007 11 20.9	03 43.46 +13 34.3 19.8	-0.93 - 4.1	2.5/19.8	26632
2005 EA ₁₇	2007 11 20.9	03 43.46 +24 06.8 19.4	-1.13 - 2.6	1.9/21.7	26730
2002 QW ₄₈	2007 11 20.9	03 43.48 +22 15.5 20.4	-1.01 - 2.2	0.9/21.4	26631
2006 JX ₄₈	2007 11 20.9	03 43.57 +02 40.3 21.9	-0.93 - 2.2	5.0/18.2	04376
2002 TE ₁₃₂	2007 11 20.9	03 43.63 +20 09.6 18.6	-0.93 - 4.6	9.0/11.0	26643
2003 AN ₈₁	2007 11 20.9	03 43.64 +20 43.8 19.1	-0.98 + 1.8	0.3/21.1	26656
1996 TT ₂₅	2007 11 20.9	03 43.65 +18 12.6 19.0	-1.00 - 3.6	12.1/11.0	26550
2002 QN ₆₈	2007 11 20.9	03 43.65 +26 13.0 19.4	-1.04 - 2.5	2.4/22.1	77629
2001 DV ₆₈	2007 11 20.9	03 43.67 +18 55.7 19.9	-1.04 - 4.1	0.3/20.8	26588
2001 HZ ₄₁	2007 11 20.9	03 43.71 +08 16.1 20.2	-0.88 - 3.7	3.3/18.9	10767
2000 HF ₄₉	2007 11 20.9	03 43.76 +25 15.0 18.6	-1.09 + 1.9	1.7/21.7	23536
2005 EA ₁₄	2007 11 21.0	03 43.70 +24 07.7 21.2	-1.03 - 2.1	1.4/21.7	76739
2006 RO ₃	2007 11 21.0	03 43.71 +19 49.0 19.4	-0.82 - 6.0	0.0/21.0	26772
2004 FR ₁₂₀	2007 11 21.0	03 43.78 -00 28.9 20.2	-0.77 - 3.1	5.7/16.9	11048
2005 GW ₃₉	2007 11 21.0	03 43.83 +24 36.8 18.5	-1.07 - 0.5	2.1/21.8	26742
2000 QP ₂₂₈	2007 11 21.0	03 43.84 +14 13.8 19.5	-1.11 - 4.6	2.1/20.0	26574
2001 LN ₁₅	2007 11 21.0	03 43.90 +09 39.5 19.0	-1.00 + 1.2	3.4/19.8	10770
2006 KM ₇₁	2007 11 21.0	03 43.94 +08 46.5 20.1	-1.05 - 1.5	4.4/19.4	01823
2002 GT ₁₃₉	2007 11 21.0	03 43.95 +13 43.3 20.5	-1.05 - 4.0	2.3/20.0	10872
2002 DQ ₁₆	2007 11 21.0	03 43.96 +30 36.5 20.4	-1.21 - 4.2	4.2/23.1	53701
2001 QU ₂₃₃	2007 11 21.0	03 43.97 +33 38.9 19.3	-1.00 - 1.7	4.9/23.5	26595
2002 RA ₄₇	2007 11 21.0	03 44.02 +37 22.2 20.3	-1.19 - 1.2	5.7/24.1	10899
2005 JZ ₉₂	2007 11 21.0	03 44.02 +26 05.6 19.1	-0.98 - 7.0	2.3/22.5	03701
2000 YL ₁₀₉	2007 11 21.0	03 44.03 +20 47.6 19.3	-1.10 - 2.3	0.4/21.2	26585
2003 YB ₁₆₃	2007 11 21.0	03 44.03 +22 56.9 17.1	-0.97 + 3.6	1.8/21.4	74306
2002 SH ₃₂	2007 11 21.0	03 44.05 +05 25.5 18.8	-0.85 - 6.3	4.9/18.0	75643
2006 HN ₂₅	2007 11 21.0	03 44.06 +14 53.6 20.7	-1.05 - 4.5	1.8/20.2	24489
2001 SS ₁₃₃	2007 11 21.0	03 44.06 +03 49.3 20.4	-0.78 - 5.0	4.6/17.7	22687
2004 CJ ₃₆	2007 11 21.0	03 44.12 +14 00.4 19.0	-1.00 + 0.2	2.2/20.3	26708
2001 AL ₄₆	2007 11 21.0	03 44.12 +59 59.6 19.5	-2.06 + 3.7	15.4/25.7	74893
2005 EX ₁₆₇	2007 11 21.0	03 44.18 +19 19.4 19.6	-0.98 - 3.5	0.2/21.0	24464
2003 SN ₂₃₁	2007 11 21.1	03 44.15 +20 48.8 19.0	-1.14 - 1.3	0.4/21.3	26673
2004 DO ₃	2007 11 21.1	03 44.19 +41 03.1 19.4	-1.18 - 0.8	8.0/24.7	86303
2006 KY ₁₆	2007 11 21.1	03 44.21 +06 16.1 19.9	-1.09 + 1.3	5.3/19.5	01793
2001 OS ₄₂	2007 11 21.1	03 44.23 +32 44.4 19.4	-0.99 - 2.3	4.2/23.5	26592
2002 VT ₁₀	2007 11 21.1	03 44.23 +25 18.6 18.7	-1.09 + 2.3	2.2/21.8	26649
2001 RQ ₁₄₀	2007 11 21.1	03 44.24 +32 53.2 20.3	-1.02 - 1.0	4.4/23.3	75098
2004 HP ₁₇	2007 11 21.1	03 44.24 +30 43.4 20.4	-0.92 - 1.9	3.1/23.1	14117
2003 SA ₂₆₁	2007 11 21.1	03 44.25 +14 35.9 19.1	-0.86 - 8.4	2.6/19.9	97681
2005 EQ ₅₄	2007 11 21.1	03 44.26 +38 56.4 19.5	-1.22 - 1.9	7.0/24.6	76812

2001 RH ₁₂₀	2007 11 21.1	03 44.27 +38 44.1 17.8	-1.14 + 2.6	8.1/23.8	26597
2004 AR ₅	2007 11 21.1	03 44.38 +30 51.6 18.0	-0.90 -11.1	5.1/24.2	87604
2004 BV ₁₁₈	2007 11 21.1	03 44.42 +19 40.1 17.7	-1.18 + 7.7	0.1/21.1	87611
1997 EP ₆	2007 11 21.1	03 44.52 +25 24.0 21.2	-1.05 - 2.8	1.9/22.2	04109
2002 RQ ₂₄₄	2007 11 21.1	03 44.54 +36 40.8 20.5	-1.15 - 2.9	5.6/24.4	04222
2000 WO ₂₁	2007 11 21.1	03 44.61 +18 45.4 18.2	-0.96 - 2.9	0.6/21.0	24319
2006 HP ₈₆	2007 11 21.2	03 44.54 +19 08.5 19.8	-1.22 - 1.1	0.3/21.1	02332
2001 HW ₅₄	2007 11 21.2	03 44.55 +16 07.6 20.1	-0.90 - 5.8	1.1/20.4	04150
2002 PR ₄₈	2007 11 21.2	03 44.56 +35 01.9 18.3	-1.03 - 5.9	6.1/24.6	10885
2005 EC ₂₅₁	2007 11 21.2	03 44.57 +06 52.9 21.0	-0.88 - 5.0	3.9/18.6	14733
2003 YY ₁₂₀	2007 11 21.2	03 44.58 +60 33.4 20.6	-1.66 - 3.2	12.9/30.0	66324
2000 WN ₁₉₃	2007 11 21.2	03 44.62 +27 34.9 21.1	-1.19 - 3.7	3.0/22.6	10756
2003 XJ ₄₃	2007 11 21.2	03 44.62 +21 33.9 19.0	-1.07 - 2.5	0.7/21.5	24431
2001 TZ ₁₂₄	2007 11 21.2	03 44.64 +35 42.7 19.4	-0.98 - 2.6	5.2/24.3	26601
2002 RM ₂₇₇	2007 11 21.2	03 44.64 +10 23.1 20.2	-0.92 - 2.5	3.8/19.6	25879
2006 KE ₆	2007 11 21.2	03 44.70 +19 51.7 20.3	-1.13 - 2.1	0.0/21.2	01785
2004 CG ₂₆	2007 11 21.2	03 44.74 +09 48.4 20.3	-0.86 - 2.8	3.4/19.4	11026
2005 CW ₁₈	2007 11 21.2	03 44.76 +11 07.4 20.7	-1.07 - 3.2	3.3/19.7	04314
2003 SB ₁₆₀	2007 11 21.2	03 44.76 +22 08.0 17.9	-0.99 - 4.1	1.1/21.7	26670
2006 KT ₈₅	2007 11 21.2	03 44.78 +13 54.8 18.6	-1.14 + 3.5	2.4/20.7	26769
2004 EW ₈	2007 11 21.2	03 44.80 +14 20.0 20.6	-0.86 - 2.6	1.7/20.3	11036
2004 BF ₄₇	2007 11 21.2	03 44.85 +23 23.7 19.6	-0.96 - 3.9	1.2/21.9	26705
2002 JX ₈₇	2007 11 21.2	03 44.89 +19 18.2 19.7	-1.07 - 6.1	0.2/21.2	02103
2005 EF ₁₂₅	2007 11 21.2	03 44.89 +12 27.7 20.6	-0.92 - 3.9	2.6/19.9	09133
2004 BU ₁₁	2007 11 21.2	03 44.90 +23 59.4 20.2	-0.99 - 3.1	1.5/22.0	26704
2002 OA ₅	2007 11 21.2	03 44.92 -22 33.8 20.1	-0.91 - 1.7	14.6/12.1	75405
2001 SZ ₂₄	2007 11 21.2	03 44.96 +12 23.8 19.6	-0.82 - 3.7	2.6/19.9	26597
2003 NO ₁₀	2007 11 21.2	03 44.99 +13 30.5 20.8	-1.07 - 4.7	2.5/20.1	00453
2005 EJ ₁₆₈	2007 11 21.2	03 44.99 +23 02.3 20.2	-1.01 - 2.9	1.2/21.9	26736
2002 TW ₁₃₁	2007 11 21.2	03 45.05 +25 28.1 18.9	-0.96 - 4.7	2.1/22.4	26643
2003 QN ₈₅	2007 11 21.2	03 45.06 +18 14.2 19.1	-1.05 - 6.5	0.7/21.0	26664
2002 OE ₂₄	2007 11 21.2	03 45.07 +43 44.5 19.3	-1.25 - 4.0	8.4/26.5	10882
2007 TF ₁₄	2007 11 21.3	03 45.03 +23 53.5 18.3	-1.03 - 3.5	2.1/22.1	26523
1997 CN ₁₁	2007 11 21.3	03 45.04 +21 06.1 21.2	-1.05 - 3.3	0.5/21.5	26551
2002 LL	2007 11 21.3	03 45.11 -20 20.6 21.2	-0.92 - 1.9	11.2/14.3	00272
2005 EE ₃₁₁	2007 11 21.3	03 45.12 -00 31.4 21.4	-0.91 - 2.9	6.6/17.6	09161
2002 JQ ₈₆	2007 11 21.3	03 45.19 +18 35.8 19.5	-1.07 - 5.8	0.5/21.1	26622
2005 EN ₁₇₆	2007 11 21.3	03 45.21 +29 47.1 20.3	-1.01 - 2.4	3.0/23.1	11086
2006 QA ₄₁	2007 11 21.3	03 45.21 +34 48.9 20.3	-1.00 - 1.6	5.0/24.0	09662
2000 BY ₃₁	2007 11 21.3	03 45.21 +19 57.9 18.5	-0.97 - 4.5	0.1/21.4	24302
2004 EV ₁₄	2007 11 21.3	03 45.24 +03 44.8 19.1	-0.82 - 1.6	5.0/18.6	04299
2006 JX ₅₇	2007 11 21.3	03 45.27 +16 11.5 19.8	-1.12 - 1.5	1.4/20.8	26766
2005 EU ₆₈	2007 11 21.3	03 45.32 +23 41.3 19.9	-1.08 - 4.1	1.5/22.1	76826
2000 YJ ₈₈	2007 11 21.3	03 45.32 +08 41.1 18.6	-1.03 - 0.5	5.3/19.7	07896
2002 HZ ₇	2007 11 21.3	03 45.32 -11 29.6 19.3	-0.95 - 3.0	9.7/15.4	10873
2001 UF ₂₄	2007 11 21.3	03 45.33 +19 23.9 18.3	-0.82 - 8.4	0.1/21.3	26602
2003 FY ₃	2007 11 21.3	03 45.35 +59 55.9 19.4	-2.51 + 9.5	20.4/22.5	69461
2003 WJ ₁₁₅	2007 11 21.3	03 45.39 +22 10.4 19.0	-1.08 - 0.8	1.0/21.7	76238
2005 GY ₁₄₂	2007 11 21.3	03 45.46 +18 22.7 20.2	-0.96 - 5.8	0.5/21.1	19181
2005 JS ₃₂	2007 11 21.4	03 45.38 +21 00.0 19.4	-0.93 - 0.4	0.4/21.6	26746
2001 SH ₃₉	2007 11 21.4	03 45.39 +36 43.1 19.2	-1.13 + 0.6	5.2/24.1	10792

2005 EV ₂₅₉	2007 11 21.4	03 45.39 +11 13.5 21.6	-0.90 - 4.8	2.9/19.7	26739
2002 TK ₁	2007 11 21.4	03 45.40 +24 36.0 19.4	-1.03 - 1.8	1.6/22.2	26641
2002 EU ₇₀	2007 11 21.4	03 45.42 +13 07.8 18.6	-1.06 - 5.9	2.8/20.1	26614
2003 CM ₁	2007 11 21.4	03 45.44 +61 03.5 19.1	-1.75 + 3.8	14.4/26.0	50744
2006 KG ₂₀	2007 11 21.4	03 45.45 +13 25.6 19.3	-1.16 + 0.2	2.6/20.6	01796
2005 JA ₆₉	2007 11 21.4	03 45.45 -13 17.0 20.0	-0.80 + 0.1	9.2/15.9	26746
2003 YC ₁₁₄	2007 11 21.4	03 45.45 +15 58.7 19.9	-1.01 - 2.0	1.6/20.8	26701
2002 PR ₆₁	2007 11 21.4	03 45.47 +31 15.9 19.5	-1.05 - 5.9	3.7/23.8	04207
2004 AO ₁₃	2007 11 21.4	03 45.52 +22 51.9 20.5	-1.00 - 3.1	1.1/22.0	26703
2002 CV ₈₁	2007 11 21.4	03 45.54 +30 56.3 17.7	-1.19 - 2.9	5.6/23.4	26609
2002 PA ₁₃₈	2007 11 21.4	03 45.54 +19 40.5 19.2	-0.96 - 3.8	0.1/21.4	26629
2002 VB ₄₄	2007 11 21.4	03 45.56 +36 36.8 18.5	-1.06 - 7.1	6.2/25.1	85731
2005 AB ₂₅	2007 11 21.4	03 45.58 +12 38.9 18.1	-1.11 - 0.1	3.4/20.4	26722
2000 VT ₅₁	2007 11 21.4	03 45.61 +29 02.4 19.2	-1.25 - 1.3	3.9/22.9	22679
2003 YS ₁₅	2007 11 21.4	03 45.66 +18 22.3 19.2	-1.04 - 1.2	0.5/21.2	26698
2005 EY ₁₃₃	2007 11 21.4	03 45.71 +22 00.9 20.5	-1.04 - 2.1	0.8/21.8	24463
2005 AY ₃₅	2007 11 21.4	03 45.71 +22 51.0 19.5	-1.12 - 5.5	1.2/22.0	02238
2004 EF ₄₆	2007 11 21.4	03 45.72 +37 22.3 20.6	-1.00 - 0.7	4.6/24.4	08953
2002 PN ₁₃₉	2007 11 21.4	03 45.74 +35 59.1 18.8	-1.19 - 2.2	5.4/24.4	38364
2003 SB ₂₈	2007 11 21.4	03 45.77 +20 11.2 18.9	-0.92 - 6.4	0.2/21.5	25920
2006 SE ₂₈	2007 11 21.4	03 45.82 +24 52.7 20.2	-1.09 - 4.5	1.8/22.4	26772
2002 GE ₂₇	2007 11 21.4	03 45.86 +16 59.9 19.9	-1.05 - 4.8	1.2/21.0	26617
2004 XN ₁₂₂	2007 11 21.5	03 45.80 +21 38.0 19.3	-1.13 - 6.7	0.8/21.9	26719
2005 EB ₇₆	2007 11 21.5	03 45.81 +23 13.4 21.1	-1.06 - 2.9	1.2/22.1	76834
2003 QO ₈₉	2007 11 21.5	03 45.84 +24 02.6 20.5	-1.15 - 3.9	1.6/22.3	02158
2002 SJ ₁₂	2007 11 21.5	03 45.88 +30 25.8 19.9	-1.11 0.0	3.5/23.1	94847
2006 QA ₁₀₀	2007 11 21.5	03 45.89 +13 02.1 20.3	-0.82 - 3.7	2.0/20.2	26772
2001 RL ₁₁₀	2007 11 21.5	03 45.93 +31 59.9 20.1	-1.01 - 1.4	4.0/23.6	31424
2002 QG ₁₁	2007 11 21.5	03 45.97 +17 06.8 19.6	-0.96 - 3.9	1.1/21.0	13915
2003 WA ₄₁	2007 11 21.5	03 45.98 +24 29.2 19.8	-1.06 - 3.2	1.6/22.4	26690
2005 LV	2007 11 21.5	03 46.01 +04 44.5 20.7	-0.79 - 1.9	4.5/18.9	77267
2000 SK ₂₈₂	2007 11 21.5	03 46.04 +21 41.6 18.7	-1.08 - 7.5	0.8/21.9	26579
2005 GA ₁₁₃	2007 11 21.5	03 46.09 -10 47.9 21.2	-0.74 - 3.3	7.4/15.3	11094
2004 RU ₂₅₅	2007 11 21.5	03 46.10 +37 34.1 18.5	-1.97 +12.7	9.4/21.8	26714
2005 FB ₈	2007 11 21.5	03 46.12 +07 59.3 19.4	-1.00 + 0.8	4.3/20.0	86676
2005 EO ₁₆₅	2007 11 21.5	03 46.13 +22 03.4 19.9	-1.10 - 2.4	1.0/21.9	76928
2000 CH ₁₁₉	2007 11 21.5	03 46.14 +26 52.7 20.9	-1.00 - 2.9	2.3/22.8	74729
2001 DO ₃₆	2007 11 21.5	03 46.20 +30 57.9 18.8	-1.12 - 4.0	4.8/23.7	26587
2005 GJ ₁₁₄	2007 11 21.5	03 46.20 +19 36.4 20.1	-1.07 - 2.2	0.1/21.5	24470
2003 SC ₂₄₈	2007 11 21.5	03 46.22 +23 13.9 19.5	-1.14 - 2.4	1.3/22.1	24408
2005 EP ₁₂₁	2007 11 21.5	03 46.23 +20 37.5 20.5	-0.97 - 3.3	0.2/21.7	11084
2000 ER ₂₄	2007 11 21.5	03 46.24 +38 01.3 17.7	-1.13 + 3.0	9.3/23.7	26569
2005 ES ₁₄₂	2007 11 21.5	03 46.29 +31 19.2 20.3	-1.10 - 0.1	3.5/23.3	03673
2003 TS ₁₉	2007 11 21.5	03 46.30 +18 45.6 19.0	-1.09 - 2.1	0.5/21.4	26677
2002 HS ₂	2007 11 21.6	03 46.22 +07 40.0 19.7	-1.01 - 3.4	4.7/19.5	10873
2002 TP ₂₂	2007 11 21.6	03 46.22 +13 23.8 19.3	-0.91 - 3.0	2.3/20.5	26641
2001 UD	2007 11 21.6	03 46.27 +06 32.2 18.5	-0.78 - 7.6	4.8/18.5	35565
2001 UL ₁₃₇	2007 11 21.6	03 46.28 +17 41.5 19.7	-0.83 - 3.1	0.7/21.2	24338
2003 QT ₇	2007 11 21.6	03 46.30 +13 59.7 19.1	-0.98 - 2.8	2.9/20.6	26661
2002 TD ₂₉₈	2007 11 21.6	03 46.30 +20 14.7 19.5	-0.93 - 4.9	0.1/21.7	13970
2001 UJ ₁₃₇	2007 11 21.6	03 46.31 +37 53.0 20.4	-1.17 + 1.9	5.6/24.1	04181

2004 BA ₁₂₀	2007 11 21.6	03 46.32 +37 05.9 18.8	-1.15 + 2.0	8.2/23.9	87611	2002 QU ₇₁	2007 11 21.8	03 47.20 +24 32.7 20.6	-1.02 - 3.2	1.6/22.6	26632
2001 TK ₁₁₉	2007 11 21.6	03 46.39 +41 38.9 19.1	-1.04 - 3.8	7.0/26.3	10810	2002 EN ₂₂	2007 11 21.8	03 47.26 +11 48.7 20.3	-1.09 - 2.4	3.0/20.5	04194
2001 QD ₂₁₈	2007 11 21.6	03 46.41 +24 18.7 20.0	-0.93 - 2.6	1.4/22.4	26594	2005 EU ₁₃₁	2007 11 21.8	03 47.29 +07 55.3 20.1	-1.00 - 4.4	5.0/19.6	86654
2001 TK ₁₇₈	2007 11 21.6	03 46.41 +17 10.0 18.8	-0.82 - 5.2	0.9/21.1	26602	2003 UU ₃₃₁	2007 11 21.8	03 47.32 +05 07.9 20.5	-0.96 - 8.6	6.4/18.4	25952
2002 PH ₁₇₀	2007 11 21.6	03 46.44 +22 49.3 21.4	-1.01 - 7.2	1.0/22.3	97609	2004 DG ₆₀	2007 11 21.8	03 47.33 +55 19.0 20.6	-1.27 - 2.0	8.6/29.8	11035
2002 PD ₇₁	2007 11 21.6	03 46.46 +33 13.2 17.8	-0.94 - 9.5	5.8/25.1	18017	2005 GC ₅₉	2007 11 21.8	03 47.34 +12 04.1 19.4	-0.95 - 2.6	2.6/20.5	04327
2001 QE ₂₂₈	2007 11 21.6	03 46.47 +29 05.8 19.2	-0.92 - 5.4	3.2/23.6	10781	2002 LC ₁	2007 11 21.8	03 47.36 +10 37.2 18.9	-0.99 - 3.8	3.6/20.2	02106
1999 TS ₃₁₇	2007 11 21.6	03 46.47 +17 44.2 20.4	-1.03 - 4.2	0.8/21.3	26559	2004 BJ ₁₃₃	2007 11 21.8	03 47.36 -00 42.3 19.6	-0.97 + 1.2	7.8/18.9	86252
2002 UW ₁₆	2007 11 21.6	03 46.47 +02 30.6 19.0	-0.82 - 3.6	6.6/18.3	26647	2002 GM ₇₂	2007 11 21.8	03 47.41 +12 14.1 19.1	-1.08 - 3.2	3.4/20.6	26618
2002 TB ₁₂	2007 11 21.6	03 46.48 +21 49.9 19.4	-0.98 - 2.2	0.7/22.0	24376	2002 TB ₆₃	2007 11 21.8	03 47.42 +19 07.9 20.0	-0.92 - 4.7	0.3/21.7	75691
2000 SZ ₆₉	2007 11 21.6	03 46.51 +24 30.0 19.7	-1.27 + 0.7	2.2/22.3	84595	2004 GM ₁₅	2007 11 21.8	03 47.51 -09 44.7 20.1	-0.87 + 0.6	7.9/16.9	65689
2000 LH	2007 11 21.6	03 46.51 +15 24.3 19.2	-0.88 - 1.9	1.4/20.9	26572	2005 CF ₂₁	2007 11 21.8	03 47.53 +27 56.2 19.3	-1.18 - 1.4	3.6/23.1	22786
2002 JS ₁₁₄	2007 11 21.6	03 46.56 +09 21.3 19.8	-1.01 - 1.8	3.8/20.0	77600	2005 JJ ₆₅	2007 11 21.8	03 47.55 +13 44.2 20.1	-0.92 - 2.0	2.1/20.9	26746
2005 CX ₆₂	2007 11 21.6	03 46.56 +17 57.4 19.4	-1.08 - 1.8	0.7/21.4	26728	1999 VR ₁₆₆	2007 11 21.9	03 47.49 +24 18.8 19.1	-1.06 - 3.3	1.9/22.7	26562
2005 JK ₁₁	2007 11 21.6	03 46.59 +19 58.9 20.7	-0.94 - 2.7	0.0/21.7	77190	1999 FP ₂	2007 11 21.9	03 47.51 +46 10.7 21.0	-1.14 - 0.8	6.8/26.6	20728
2002 QY ₅₁	2007 11 21.6	03 46.59 +00 41.3 21.1	-0.90 - 2.8	6.1/18.3	13917	2002 RS ₂₂₆	2007 11 21.9	03 47.61 +06 54.0 20.0	-0.88 - 4.7	5.0/19.3	00354
1999 RN ₈₅	2007 11 21.6	03 46.59 +16 21.9 19.0	-1.06 - 2.5	1.5/21.1	26556	2005 GF ₇₄	2007 11 21.9	03 47.65 +03 06.8 20.4	-0.79 - 0.4	4.3/19.3	11092
1999 XO ₂₁₄	2007 11 21.6	03 46.67 +25 32.0 18.0	-1.05 - 3.6	2.4/22.7	26564	1998 QR ₂₉	2007 11 21.9	03 47.66 +22 57.1 20.1	-1.02 - 4.6	1.2/22.5	55833
2005 EW ₂₇	2007 11 21.6	03 46.68 +38 06.5 20.0	-1.29 - 1.7	6.6/24.6	77821	2003 WV ₁₃₁	2007 11 21.9	03 47.77 +17 42.8 18.8	-1.02 - 2.9	0.9/21.6	26694
2003 UL ₉₅	2007 11 21.6	03 46.68 +22 51.6 19.0	-1.08 - 1.7	1.3/22.2	24415	2002 JT ₃₀	2007 11 21.9	03 47.77 +17 33.1 20.0	-1.11 - 0.4	0.9/21.6	26621
2002 NA ₅₀	2007 11 21.7	03 46.66 +16 34.3 20.6	-0.98 - 3.7	1.2/21.1	35589	2005 GV ₅₉	2007 11 21.9	03 47.78 +28 03.0 20.8	-0.94 - 1.5	2.3/23.3	04327
2006 QK ₃₈	2007 11 21.7	03 46.68 +06 57.5 20.8	-0.78 - 3.3	3.6/19.3	11189	2006 SF ₂₇₀	2007 11 21.9	03 47.78 +16 00.5 19.7	-0.82 - 5.6	1.3/21.1	24500
2002 GF ₁₆₅	2007 11 21.7	03 46.71 +13 40.2 20.7	-1.04 - 3.7	2.2/20.6	26620	2005 EC ₂₆	2007 11 21.9	03 47.80 +21 46.1 20.7	-1.09 - 3.0	0.7/22.3	18111
2004 DP ₂₄	2007 11 21.7	03 46.71 +34 55.0 19.3	-0.97 - 2.4	4.3/24.5	12869	2004 BM ₉₀	2007 11 21.9	03 47.83 +28 17.2 19.7	-0.98 - 4.7	2.7/23.6	61831
2005 JX ₇₁	2007 11 21.7	03 46.73 +29 10.0 19.6	-0.98 - 5.5	2.9/23.6	11100	2004 EV ₅₆	2007 11 21.9	03 47.85 +45 15.1 20.0	-1.27 + 2.4	7.0/25.3	11039
2005 JG ₆₉	2007 11 21.7	03 46.75 -04 28.9 20.5	-0.76 - 1.8	7.0/17.3	04333	2006 QM ₈₆	2007 11 21.9	03 47.86 +07 33.1 21.6	-0.87 - 2.8	3.6/19.8	09704
2002 RZ ₃	2007 11 21.7	03 46.77 +22 07.1 19.5	-0.96 - 7.6	0.8/22.2	26634	2002 AV ₆₆	2007 11 21.9	03 47.88 +22 29.9 19.4	-1.16 - 4.7	1.0/22.4	22693
2005 GM ₁₁₉	2007 11 21.7	03 46.80 +39 11.7 20.4	-1.21 - 3.7	6.8/25.3	09195	2002 XV ₁₀₃	2007 11 21.9	03 47.93 +13 24.8 18.5	-0.93 + 0.9	2.3/21.1	26655
2005 JT ₁₄₃	2007 11 21.7	03 46.89 +14 37.8 19.4	-0.86 - 6.3	1.8/20.6	26747	2000 ES ₉₈	2007 11 21.9	03 47.94 +16 10.0 20.9	-0.88 - 3.2	1.1/21.3	26569
2001 QH ₂₅₈	2007 11 21.7	03 46.91 +20 38.9 18.2	-0.85 - 6.6	0.3/21.9	26595	2003 QG ₄₀	2007 11 21.9	03 47.95 +29 39.9 19.6	-1.17 - 3.0	4.3/23.7	97663
2005 JP ₅₀	2007 11 21.7	03 46.93 +15 32.5 21.4	-0.91 - 3.5	1.5/21.0	26746	2003 WB ₁₁₆	2007 11 21.9	03 47.96 +27 19.9 19.1	-1.10 - 3.0	3.3/23.2	58068
2006 RY ₁₀₄	2007 11 21.7	03 46.94 +30 09.6 20.3	-1.00 - 2.7	3.1/23.6	24099	2002 RC ₁₂₀	2007 11 21.9	03 47.96 -16 11.7 19.5	-0.89 - 1.0	12.9/15.1	26636
2003 WX ₅₇	2007 11 21.7	03 46.96 +21 33.4 19.1	-1.01 - 4.8	0.7/22.1	26691	2003 SZ ₃₂	2007 11 21.9	03 47.99 +24 27.9 19.4	-1.15 + 0.8	2.1/22.6	26666
2002 PX ₄₀	2007 11 21.7	03 46.99 +29 35.9 19.1	-1.09 - 5.4	3.5/23.8	10884	2002 XM ₇₄	2007 11 22.0	03 47.90 +28 47.2 19.0	-0.92 - 4.6	2.8/23.8	04246
2001 QC ₂₃₄	2007 11 21.7	03 47.04 +27 13.6 19.1	-0.95 - 2.3	2.5/23.1	04157	2001 TJ ₁₃₂	2007 11 22.0	03 47.90 +02 47.3 20.8	-0.79 - 2.7	5.1/18.9	10810
2005 EQ ₇₉	2007 11 21.7	03 47.04 +09 03.3 19.7	-1.04 - 0.9	4.3/20.1	76839	2002 GC ₉₄	2007 11 22.0	03 47.91 +24 28.0 20.2	-1.09 - 3.8	1.5/22.8	02095
2003 SA ₃₀₅	2007 11 21.7	03 47.05 +28 32.7 19.3	-1.13 - 4.5	3.2/23.4	04264	2001 RR ₁₃₁	2007 11 22.0	03 47.95 +15 50.3 19.6	-0.87 - 2.3	1.3/21.3	03213
2003 YD ₁₃₃	2007 11 21.7	03 47.08 +30 52.6 19.6	-1.03 - 2.3	3.5/23.7	22767	2000 TS ₆₁	2007 11 22.0	03 47.96 +08 00.1 20.1	-1.05 - 4.8	5.1/19.9	99990
2006 QS ₆₈	2007 11 21.7	03 47.09 +26 27.1 20.2	-0.99 - 2.5	2.1/22.9	26771	2000 WO ₇₆	2007 11 22.0	03 47.96 +23 15.7 18.7	-1.06 - 6.2	1.5/22.7	77486
2000 XT ₃₇	2007 11 21.7	03 47.11 +60 56.8 18.3	-1.79 -10.2	22.3/07.5	97422	2005 JE ₈₄	2007 11 22.0	03 48.03 +18 04.5 20.0	-1.00 - 3.7	0.7/21.7	95679
2005 GH ₁₉₇	2007 11 21.7	03 47.12 +18 29.3 20.3	-1.00 - 2.5	0.5/21.6	86718	2003 UU ₃₀₉	2007 11 22.0	03 48.04 +16 19.8 20.2	-1.10 - 2.0	1.5/21.5	00657
2005 CY ₁₈	2007 11 21.7	03 47.13 +21 02.5 18.4	-1.05 - 2.7	0.6/22.0	26726	2001 RM ₈₄	2007 11 22.0	03 48.05 +09 43.8 18.7	-0.79 - 4.9	3.9/20.0	26596
2002 JE ₇₂	2007 11 21.7	03 47.14 +07 38.0 19.0	-1.02 - 2.5	4.7/19.8	77598	2002 PD ₁₇₁	2007 11 22.0	03 48.05 +11 59.9 19.8	-0.96 - 3.3	3.0/20.6	26629
2005 EX ₁₉₃	2007 11 21.8	03 47.06 +19 36.7 20.4	-1.01 - 3.8	0.1/21.7	02247	2002 RL ₁₇₃	2007 11 22.0	03 48.06 +09 34.1 18.8	-0.97 + 0.3	3.8/20.6	10905
2002 QF ₄₄	2007 11 21.8	03 47.09 +43 38.5 18.7	-1.30 - 0.5	9.3/26.0	57885	2002 PT ₁₁₁	2007 11 22.0	03 48.07 +10 58.7 20.8	-0.96 - 2.1	2.8/20.6	02115
2004 FU ₁₃₀	2007 11 21.8	03 47.12 +08 03.6 19.9	-0.86 - 0.6	3.8/19.9	69709	2003 XX ₂₀	2007 11 22.0	03 48.08 +29 07.3 19.9	-1.04 - 7.1	3.3/24.0	26697
2002 RV ₂₁₁	2007 11 21.8	03 47.13 +10 35.3 19.6	-0.90 - 4.8	3.2/20.0	26638	2006 HU ₁₉	2007 11 22.0	03 48.15 +13 45.7 20.5	-1.12 - 5.2	2.6/20.9	01632
2001 TT ₁₉₉	2007 11 21.8	03 47.16 +17 07.9 19.4	-0.89 - 0.9	0.9/21.4	75174	2003 WE ₁₄₇	2007 11 22.0	03 48.16 +18 54.3 19.6	-1.04 - 2.4	0.4/21.9	26695
2003 SA ₉₅	2007 11 21.8	03 47.16 +25 00.5 20.5	-1.13 - 4.5	1.9/22.7	26668	2005 EW ₃₂₃	2007 11 22.0	03 48.17 +12 11.7 19.8	-1.01 - 4.5	3.0/20.6	26740
2002 XD ₆	2007 11 21.8	03 47.18 +04 57.1 19.2	-0.98 + 3.3	5.5/20.2	26653	2005 AB ₈₂	2007 11 22.0	03 48.17 +18 26.5 19.6	-1.05 - 4.9	0.6/21.8	26723
2005 GR ₆₁	2007 11 21.8	03 47.19 +17 39.8 20.7	-0.94 - 3.4	0.8/21.4	86692	2002 RM ₆₀	2007 11 22.0	03 48.19 +23 35.1 19.0	-1.02 - 1.3	1.3/22.6	26635

2002 NH ₄₁	2007 11 22.0	03 48.20 +39 21.7 18.6	-1.14 - 4.4	8.2/26.3	57874
2001 QH ₂₀₅	2007 11 22.0	03 48.28 +07 55.9 19.8	-0.82 - 4.1	4.0/19.8	04156
1998 HK ₅₃	2007 11 22.0	03 48.30 +17 22.6 20.3	-1.05 - 4.4	1.0/21.6	26552
2006 QT ₂₂	2007 11 22.0	03 48.31 -13 25.3 19.9	-0.78 - 2.4	10.1/15.3	09636
2002 TP ₈₃	2007 11 22.1	03 48.31 +13 55.6 18.9	-0.98 - 0.6	2.3/21.2	26642
2005 EQ ₇₈	2007 11 22.1	03 48.31 +21 15.2 20.3	-1.11 - 2.3	0.5/22.3	76837
2002 OC ₅	2007 11 22.1	03 48.32 -12 30.7 18.8	-0.85 - 6.0	12.4/14.1	24363
2005 GO ₁₈₁	2007 11 22.1	03 48.33 +14 30.5 19.7	-1.03 - 3.0	2.3/21.2	26745
2003 XC ₁₅	2007 11 22.1	03 48.34 -03 09.5 17.1	-1.00 + 8.0	11.7/20.7	24430
2005 CO ₁₈	2007 11 22.1	03 48.34 +10 48.2 19.9	-1.02 - 2.6	3.5/20.6	86628
2002 TX ₃₅₉	2007 11 22.1	03 48.45 +31 25.9 21.6	-1.10 - 0.9	3.6/23.9	21788
1999 FK ₁₂	2007 11 22.1	03 48.49 +29 54.0 19.7	-0.97 - 1.1	3.2/23.8	04115
1996 XE ₇	2007 11 22.1	03 48.50 +15 47.6 20.6	-0.81 - 5.4	1.3/21.3	15580
2002 RW ₃₀	2007 11 22.1	03 48.52 +34 15.1 18.9	-1.07 - 4.3	6.1/25.1	57888
2002 GW ₄₇	2007 11 22.1	03 48.55 +19 31.4 20.8	-1.07 - 3.3	0.2/22.1	75323
2006 HW ₆₇	2007 11 22.1	03 48.56 +19 57.1 19.9	-1.10 - 4.2	0.0/22.1	26762
2003 YK ₅₄	2007 11 22.1	03 48.57 +22 19.9 19.3	-1.03 - 4.9	0.8/22.6	26700
2006 HP ₁₀₀	2007 11 22.1	03 48.59 +10 56.5 20.4	-1.12 - 2.9	3.6/20.7	11170
2002 PL ₄₈	2007 11 22.1	03 48.61 +27 04.1 18.0	-0.92 - 6.5	3.1/23.7	24364
2002 JD ₁₁₉	2007 11 22.1	03 48.61 -00 35.1 19.3	-1.01 - 2.9	7.7/18.5	02104
2006 FK ₄₇	2007 11 22.1	03 48.62 +09 40.8 20.0	-1.15 0.0	3.9/20.8	26758
2005 EZ ₉₈	2007 11 22.1	03 48.63 +32 22.5 19.3	-1.16 - 4.3	5.4/24.5	87654
2003 HG ₃₈	2007 11 22.1	03 48.63 +19 47.7 20.8	-0.83 - 3.7	0.1/22.1	56748
2002 GN ₁₁₂	2007 11 22.1	03 48.67 +11 57.9 18.2	-1.11 + 0.2	3.8/21.1	26619
2002 TP ₁₂₄	2007 11 22.1	03 48.69 +17 24.3 19.2	-0.99 - 1.8	0.9/21.8	75708
2006 FJ ₄₂	2007 11 22.1	03 48.70 +12 02.5 19.8	-1.08 - 4.2	3.5/20.8	01547
2005 JG ₆₈	2007 11 22.1	03 48.73 +00 41.7 19.0	-0.90 - 7.1	7.4/17.7	26746
2002 PQ ₈₇	2007 11 22.1	03 48.74 -22 40.1 21.5	-0.93 - 0.7	11.7/15.4	00308
2005 EB ₃₇	2007 11 22.1	03 48.76 +01 23.7 23.1	-0.73 - 2.9	3.9/18.7	16290
2002 TD ₂₁₇	2007 11 22.1	03 48.76 +17 06.9 19.2	-0.97 - 0.8	1.1/21.8	26645
2002 JK ₉₈	2007 11 22.1	03 48.76 +18 15.5 20.0	-1.06 - 2.7	0.6/21.9	26622
2003 WX ₁₂₇	2007 11 22.1	03 48.78 +43 00.1 18.2	-1.23 - 2.1	10.0/26.7	04276
2001 KP ₄₉	2007 11 22.1	03 48.80 +14 19.5 19.9	-1.00 + 0.6	1.8/21.4	04150
2002 QS ₄	2007 11 22.1	03 48.81 +25 12.0 20.0	-1.01 - 4.0	1.8/23.2	26630
2002 LH ₃₂	2007 11 22.1	03 48.81 +05 35.8 20.4	-1.06 - 1.5	5.3/19.9	72665
2000 ED ₈₈	2007 11 22.2	03 48.74 +33 58.0 18.1	-1.04 - 7.3	5.6/25.3	62283
2004 CZ ₁₀₈	2007 11 22.2	03 48.75 -13 40.0 20.6	-0.75 - 3.4	8.3/14.8	11030
2004 BP ₂₁	2007 11 22.2	03 48.79 -01 06.9 19.8	-0.90 - 1.5	7.9/18.6	11018
2001 SR ₃₄₉	2007 11 22.2	03 48.79 +20 26.0 19.1	-0.84 - 6.6	0.1/22.3	26600
2005 ED ₃₇	2007 11 22.2	03 48.85 +16 53.1 20.2	-0.96 - 2.0	1.0/21.7	26731
2000 SR ₁₇	2007 11 22.2	03 48.86 +29 11.7 19.8	-1.27 - 3.6	3.7/23.8	03179
2001 SP ₁₄₂	2007 11 22.2	03 48.87 +21 27.1 18.5	-0.86 - 4.3	0.5/22.5	26599
2003 YG ₈₉	2007 11 22.2	03 48.89 -03 04.2 19.0	-0.95 + 2.8	10.4/19.2	25979
2001 TD ₅₇	2007 11 22.2	03 48.92 +30 58.2 19.7	-1.00 - 0.9	3.6/24.0	10806
2000 QZ ₈₈	2007 11 22.2	03 48.98 +19 43.6 18.8	-1.15 - 5.6	0.1/22.2	26573
1998 HA ₈	2007 11 22.2	03 48.99 -09 47.1 19.3	-1.09 -14.4	13.7/13.3	01969
2002 VX ₁₂₅	2007 11 22.2	03 49.00 -10 22.9 19.2	-1.10 -20.4	14.8/12.0	26652
2003 UF ₂₅₉	2007 11 22.2	03 49.02 +13 13.5 17.9	-0.85 - 4.2	3.5/21.0	26687
2001 UN ₁₈₇	2007 11 22.2	03 49.05 +28 18.7 19.7	-0.99 - 0.2	2.7/23.5	10824
2004 FM ₂₂	2007 11 22.2	03 49.07 +27 36.1 20.6	-0.87 - 4.7	2.1/23.8	95192
2003 SN ₃₃	2007 11 22.2	03 49.10 +20 43.2 20.3	-1.14 - 2.3	0.3/22.4	26666

2001 KX ₁	2007 11 22.2	03 49.16 +06 23.5 20.6	-0.95 - 0.7	4.2/20.2	74981
2001 FP ₇	2007 11 22.2	03 49.18 -04 43.8 20.2	-0.89 - 4.1	10.1/17.4	26588
2003 WR ₂₀	2007 11 22.2	03 49.20 +29 42.5 19.6	-1.16 - 0.1	3.8/23.6	87598
2005 JU ₁₄₂	2007 11 22.3	03 49.15 +14 39.6 19.8	-0.87 - 0.2	1.5/21.5	11102
2001 UP ₁₆₃	2007 11 22.3	03 49.15 +26 44.2 19.9	-0.96 - 0.1	2.2/23.3	75198
2003 YA ₆₀	2007 11 22.3	03 49.16 +18 37.4 19.5	-1.03 - 1.7	0.5/22.1	26700
2001 FN ₂₉	2007 11 22.3	03 49.17 +01 52.9 21.2	-0.92 - 2.9	5.6/19.0	04147
2000 FN ₃	2007 11 22.3	03 49.21 +10 58.5 20.1	-0.93 - 1.7	2.8/20.8	26570
1996 EV ₉	2007 11 22.3	03 49.23 +15 37.7 20.5	-0.97 - 2.8	1.5/21.6	26550
2002 JH ₁₀₄	2007 11 22.3	03 49.25 +15 04.7 20.5	-1.03 - 2.5	1.7/21.5	75353
2002 PX ₄₇	2007 11 22.3	03 49.26 +33 33.1 19.6	-1.07 - 5.1	4.4/25.1	04207
2005 EK ₃	2007 11 22.3	03 49.28 +14 09.8 20.1	-1.06 - 2.3	2.3/21.4	02244
2005 EA ₂₂₂	2007 11 22.3	03 49.30 +18 17.8 20.0	-1.07 - 4.1	0.7/22.0	26738
2003 WZ ₇₂	2007 11 22.3	03 49.32 +25 33.3 18.6	-1.12 - 1.2	2.0/23.2	26692
2003 XV ₂₉	2007 11 22.3	03 49.36 +20 02.5 19.9	-1.06 - 1.0	0.0/22.3	26697
2003 YV ₂₁	2007 11 22.3	03 49.40 +34 19.5 20.4	-1.05 - 4.6	4.9/25.2	08814
2003 WW ₁₃₇	2007 11 22.3	03 49.44 +17 35.4 18.0	-1.08 + 1.5	1.1/22.1	26694
2002 RN ₂₆₈	2007 11 22.3	03 49.45 +17 16.5 20.3	-0.97 - 3.1	1.0/21.9	21551
2001 KX ₆₃	2007 11 22.3	03 49.47 +01 22.1 20.7	-0.92 - 2.0	5.8/19.2	74991
2005 CM ₂	2007 11 22.3	03 49.48 +16 34.2 20.1	-1.06 - 2.1	1.3/21.8	95642
2002 EZ ₆₅	2007 11 22.3	03 49.51 +17 19.9 20.6	-1.07 - 4.7	1.0/21.9	26614
2003 UV ₂₆₆	2007 11 22.3	03 49.53 +16 32.0 19.1	-1.03 - 1.9	1.4/21.8	26687
2001 SB ₂₄₅	2007 11 22.3	03 49.54 +23 40.8 20.5	-0.91 - 1.3	1.1/23.0	04169
2001 RV ₅₉	2007 11 22.3	03 49.56 +08 21.6 20.4	-0.83 - 2.2	3.8/20.4	10787
2000 AL ₈₇	2007 11 22.3	03 49.58 +25 26.2 19.7	-1.04 - 3.8	1.9/23.3	26566
2002 RH ₂₇₀	2007 11 22.3	03 49.58 +11 17.5 20.4	-0.93 - 3.5	3.3/20.8	21125
2002 JL ₂₈	2007 11 22.3	03 49.68 +21 00.7 21.2	-1.11 - 1.1	0.3/22.5	32018
2003 YX ₃₈	2007 11 22.4	03 49.58 +30 18.1 19.7	-1.02 - 4.1	3.3/24.3	62460
2003 BG ₂₄	2007 11 22.4	03 49.58 -03 25.5 18.9	-0.78 - 5.2	8.2/17.0	26656
2001 SP ₁₃₄	2007 11 22.4	03 49.59 +00 43.9 20.4	-0.79 - 4.9	6.0/18.5	75120
2003 UY ₂₅₉	2007 11 22.4	03 49.63 +12 41.0 19.2	-0.99 - 2.7	3.0/21.2	76164
2003 OM ₇	2007 11 22.4	03 49.66 +14 00.1 20.4	-1.09 - 4.4	2.4/21.4	02150
2003 YH ₃₅	2007 11 22.4	03 49.66 +21 02.0 19.6	-0.99 - 3.9	0.4/22.6	11010
2005 GO ₁₄₉	2007 11 22.4	03 49.67 +09 50.0 20.7	-0.79 - 3.6	2.8/20.5	11095
2002 DM ₆	2007 11 22.4	03 49.70 +23 19.3 21.4	-1.14 - 3.9	1.2/23.0	08238
2001 TZ ₈₀	2007 11 22.4	03 49.73 +42 55.0 19.6	-1.12 - 0.9	8.0/26.5	04173
2004 XZ ₁₆₅	2007 11 22.4	03 49.80 +16 22.1 19.5	-1.11 - 5.2	1.7/21.8	26720
2001 TM ₉₉	2007 11 22.4	03 49.83 +20 20.4 19.7	-0.84 - 3.3	0.1/22.5	24337
2003 SA ₁₀₄	2007 11 22.4	03 49.86 +27 38.1 18.3	-1.09 + 0.1	3.7/23.5	26669
2004 EL ₇₄	2007 11 22.4	03 49.88 +18 18.7 19.9	-0.84 - 2.1	0.5/22.2	11041
2004 CT ₄₇	2007 11 22.4	03 49.91 +08 36.6 20.5	-0.85 - 3.8	3.7/20.3	14078
2005 KN ₅	2007 11 22.4	03 49.92 +22 19.1 20.8	-1.02 - 1.2	0.8/22.8	26748
2001 AA ₂₆	2007 11 22.4	03 49.97 +34 34.3 19.0	-1.28 + 0.1	5.5/24.5	26586
2003 QP ₅₅	2007 11 22.4	03 49.98 +29 36.0 18.9	-1.18 - 1.4	4.4/24.0	21796
1998 FJ ₃₈	2007 11 22.4	03 50.02 +32 24.4 19.8	-1.30 - 0.9	5.4/24.2	87338
2005 GC ₈	2007 11 22.4	03 50.04 +13 13.5 19.6	-1.00 - 2.2	2.4/21.4	04324
2003 HH ₂	2007 11 22.4	03 50.07 +02 25.7 18.3	-1.59 +11.6	8.8/22.2	26657
2000 UH ₁₆	2007 11 22.4	03 50.10 +17 50.0 16.7	-1.78 +20.9	1.2/22.6	26580
2005 JR ₄₅	2007 11 22.5	03 50.01 -15 39.7 20.1	-0.92 + 0.5	12.8/16.6	77214
2005 GT ₃₀	2007 11 22.5	03 50.04 +15 15.6 20.5	-0.91 - 3.4	1.7/21.7	26741
2006 HD ₄₂	2007 11 22.5	03 50.05 +07 12.2 20.4	-1.08 + 2.7	5.0/21.2	26157

2007 OCT. 26

M.P.C. 61111

2001 TE ₅₅	2007 11 22.5	03 50.06 +23 52.5 20.0	-0.87 - 3.4	1.1/23.2	10806
2002 TP ₁₇	2007 11 22.5	03 50.07 +20 02.5 19.4	-0.95 - 3.6	0.0/22.5	25882
2002 XW ₈₂	2007 11 22.5	03 50.11 +19 12.7 18.8	-1.03 + 2.0	0.3/22.4	66298
2001 QV ₂₇₄	2007 11 22.5	03 50.11 +06 42.8 20.0	-0.87 - 0.8	4.5/20.5	04157
2001 ST ₂₃₈	2007 11 22.5	03 50.12 +21 41.8 18.8	-0.94 + 0.4	0.5/22.8	26600
2003 AG ₆₁	2007 11 22.5	03 50.13 +04 10.5 18.6	-0.83 - 2.7	5.3/19.6	87569
2002 JW ₉₅	2007 11 22.5	03 50.13 +23 16.0 20.6	-1.08 - 3.0	1.1/23.1	04201
2002 TW ₃₄₃	2007 11 22.5	03 50.15 +19 50.8 20.2	-1.01 0.0	0.1/22.5	03456
2001 QK ₁₆₆	2007 11 22.5	03 50.18 +04 01.3 20.8	-0.84 - 1.5	4.8/20.0	77553
2002 ON ₂₈	2007 11 22.5	03 50.20 +00 14.6 21.5	-0.89 - 4.6	6.6/18.8	08285
2004 XW ₃₄	2007 11 22.5	03 50.20 +17 05.3 19.5	-1.17 - 1.3	1.3/22.1	09091
2002 GJ ₁₁₄	2007 11 22.5	03 50.25 +09 47.2 19.3	-1.07 - 2.6	4.8/20.9	72612
2002 RE ₁₉₈	2007 11 22.5	03 50.26 +24 02.7 19.8	-1.01 - 2.1	1.5/23.2	26637
2004 FU ₁₄₇	2007 11 22.5	03 50.28 +58 33.5 20.2	-1.46 - 0.8	10.8/30.1	14110
2003 QW ₁₀₄	2007 11 22.5	03 50.29 +22 35.8 18.0	-1.26 + 3.6	1.2/22.8	26664
1998 QW ₇₅	2007 11 22.5	03 50.29 -02 21.6 19.6	-0.91 - 5.4	8.3/18.3	26553
2005 GR ₂₃	2007 11 22.5	03 50.32 +08 58.1 20.6	-0.92 - 3.8	3.7/20.5	26741
1995 OU ₇	2007 11 22.5	03 50.34 +27 34.3 19.7	-0.89 - 5.5	2.6/24.1	21748
2002 QK ₅₈	2007 11 22.5	03 50.40 -02 32.9 19.1	-0.84 - 3.5	9.5/18.1	26631
2005 JW ₁₃	2007 11 22.5	03 50.41 +15 03.9 20.6	-0.90 - 5.9	1.5/21.6	26745
2004 FA ₁₀₃	2007 11 22.5	03 50.44 +18 12.8 20.4	-0.86 - 2.8	0.6/22.3	24442
2002 ES ₁₃₂	2007 11 22.5	03 50.44 +16 33.2 19.9	-1.08 - 4.3	1.4/22.0	26616
2002 YP ₂₂	2007 11 22.5	03 50.44 +00 44.2 19.7	-0.90 + 2.0	6.1/20.1	69425
2006 KQ ₄₈	2007 11 22.5	03 50.47 +14 27.1 19.7	-1.05 - 2.2	2.2/21.7	01812
2004 DO ₄₅	2007 11 22.5	03 50.49 +31 48.0 20.3	-0.94 - 1.1	3.2/24.5	21809
2003 UU ₁₅₀	2007 11 22.5	03 50.49 +24 16.2 19.0	-1.18 + 0.7	1.7/23.1	26683
2001 SO ₁₀₄	2007 11 22.5	03 50.51 +39 48.1 18.9	-1.11 - 0.4	6.6/25.6	10794
1999 UP ₂₀	2007 11 22.6	03 50.42 +18 25.9 20.1	-1.05 - 2.6	0.6/22.3	26559
2002 TH ₂₄₃	2007 11 22.6	03 50.43 +26 06.3 20.1	-1.02 - 1.2	2.0/23.5	04234
2006 HV ₃₉	2007 11 22.6	03 50.46 +20 07.2 20.0	-1.11 - 5.2	0.0/22.6	04374
2002 AP ₁₄₂	2007 11 22.6	03 50.49 +18 09.5 19.1	-1.11 - 3.9	1.0/22.3	24343
2006 QV ₁₅	2007 11 22.6	03 50.49 +16 25.9 20.2	-0.91 - 2.2	1.2/22.0	26771
2005 EH ₁₉₇	2007 11 22.6	03 50.52 +11 29.4 19.8	-0.97 - 4.7	3.2/21.0	76953
2000 FS ₂₇	2007 11 22.6	03 50.56 +03 57.8 19.8	-0.84 - 5.3	5.2/19.3	10732
2001 FM ₁₂₆	2007 11 22.6	03 50.64 +50 28.1 19.6	-1.78 + 6.1	12.7/24.6	56250
2000 QX ₇	2007 11 22.6	03 50.64 +21 48.7 19.0	-1.19 - 5.1	0.8/22.9	26572
2001 TP ₁₄₂	2007 11 22.6	03 50.65 +17 29.1 20.1	-0.88 - 1.6	0.8/22.2	26601
2005 CV ₅	2007 11 22.6	03 50.68 +29 17.3 20.0	-1.11 - 2.9	3.3/24.2	11079
2004 FP ₉₄	2007 11 22.6	03 50.68 +09 33.2 19.7	-0.86 - 0.4	3.1/21.1	86422
2002 RK ₄₁	2007 11 22.6	03 50.70 -05 18.0 19.3	-0.88 - 2.0	9.4/18.3	26634
2002 FU ₃	2007 11 22.6	03 50.71 +05 46.3 21.1	-1.02 - 2.1	5.0/20.4	48224
2001 SH ₂₆₀	2007 11 22.6	03 50.72 +09 22.6 20.0	-0.80 - 4.6	3.5/20.6	04170
1993 YL ₁	2007 11 22.6	03 50.73 +16 33.7 18.5	-1.02 + 2.0	1.5/22.3	26548
2005 LU ₁₀	2007 11 22.6	03 50.76 +07 12.5 21.0	-0.85 - 3.0	4.0/20.3	03707
2000 GH ₂₃	2007 11 22.6	03 50.78 +29 50.5 20.0	-1.11 0.0	3.6/24.0	84549
1998 RH ₅₄	2007 11 22.6	03 50.78 +09 55.4 18.2	-0.80 - 6.5	5.0/20.5	25789
2004 BH ₄₈	2007 11 22.6	03 50.79 +09 26.4 19.6	-0.91 - 1.7	3.8/21.0	26705
2001 FX ₁₆₇	2007 11 22.6	03 50.79 +24 33.7 20.2	-1.05 - 2.5	1.6/23.4	04149
2006 JQ ₆₀	2007 11 22.6	03 50.81 +18 20.2 20.9	-1.07 - 3.6	0.6/22.4	01779
2003 SG ₁₅₆	2007 11 22.6	03 50.85 +23 50.6 18.4	-1.08 - 1.7	1.7/23.3	26670
2003 YS ₁₁₉	2007 11 22.6	03 50.85 +27 22.9 19.7	-1.06 - 2.4	3.1/23.9	62464

2004 BX ₈₆	2007 11 22.6	03 50.88 -13 28.2 21.3	-0.73 - 1.3	7.4/16.4	87609
2002 QJ ₃₈	2007 11 22.6	03 50.91 +21 06.1 20.1	-0.98 - 2.7	0.4/22.9	26631
1999 RJ ₄₃	2007 11 22.6	03 50.91 +30 14.3 20.1	-1.19 - 1.0	4.2/24.2	57691
2002 QT ₁₂	2007 11 22.7	03 50.88 +12 28.9 19.6	-0.94 - 4.2	2.7/21.3	04211
2000 AE ₁₃₅	2007 11 22.7	03 50.94 +22 02.1 17.8	-1.04 + 1.0	0.9/23.0	26566
2003 UK ₂₂₉	2007 11 22.7	03 50.94 +22 54.1 18.7	-1.02 - 5.7	1.1/23.3	26685
2005 GM ₃₄	2007 11 22.7	03 50.95 +18 46.1 19.8	-0.98 - 0.2	0.4/22.5	26742
2005 EZ ₂₆₇	2007 11 22.7	03 50.95 +19 20.2 19.5	-1.03 - 4.2	0.4/22.6	95662
2001 FJ ₁₄	2007 11 22.7	03 50.96 +13 47.5 20.7	-0.93 - 3.1	1.9/21.6	14610
2004 DB ₄₉	2007 11 22.7	03 50.98 +07 16.8 20.1	-0.82 - 3.7	4.0/20.3	11034
2002 CQ ₁₉₉	2007 11 22.7	03 51.00 +09 56.0 20.8	-1.07 - 2.5	3.8/21.1	26611
2002 HE ₄	2007 11 22.7	03 51.00 +11 49.0 19.2	-1.10 - 2.1	3.3/21.4	04199
2005 JU ₁₆₃	2007 11 22.7	03 51.01 +09 13.4 20.4	-0.82 - 4.0	3.5/20.7	26747
2003 YR ₄₈	2007 11 22.7	03 51.01 +08 58.1 18.3	-1.07 + 2.8	4.2/21.6	26699
2004 CT ₁₀₄	2007 11 22.7	03 51.04 +12 32.4 19.8	-0.96 - 5.2	3.6/21.2	62504
2003 YS ₇₉	2007 11 22.7	03 51.05 +18 31.7 19.2	-1.01 - 1.0	0.7/22.5	26700
2006 KS ₇₇	2007 11 22.7	03 51.11 +16 32.0 18.8	-0.98 - 5.5	1.4/22.1	26769
2002 NY ₄₈	2007 11 22.7	03 51.12 +41 00.5 19.5	-1.21 - 4.3	7.2/27.0	14664
2001 SF ₃₀₉	2007 11 22.7	03 51.16 +35 36.4 20.2	-1.02 - 1.7	4.8/25.4	10803
2005 ES ₇₉	2007 11 22.7	03 51.16 +18 07.5 19.9	-1.09 - 1.2	0.8/22.5	26732
2001 SN ₂₀₁	2007 11 22.7	03 51.24 +04 43.1 19.1	-0.80 - 4.1	5.3/19.7	10799
2003 UZ ₂₆₄	2007 11 22.7	03 51.24 +12 21.1 18.9	-0.99 - 1.7	3.6/21.6	26687
2002 RZ ₁₂₇	2007 11 22.7	03 51.27 +25 43.4 18.3	-0.96 - 8.9	2.2/24.1	02126
2005 CO ₃₈	2007 11 22.7	03 51.32 +33 14.1 20.1	-1.22 - 2.6	5.8/24.9	76671
2004 CL ₆₅	2007 11 22.7	03 51.34 +17 39.9 19.5	-0.99 - 1.0	1.0/22.4	76416
2005 EY ₄₈	2007 11 22.7	03 51.35 +18 39.1 19.6	-1.05 - 4.2	0.6/22.5	26731
2006 QZ ₇₉	2007 11 22.8	03 51.26 +07 54.7 20.0	-0.69 - 2.7	3.3/20.6	11195
2006 JF ₂₉	2007 11 22.8	03 51.28 +18 31.5 20.9	-1.19 - 1.5	0.6/22.6	03911
2005 FD ₄	2007 11 22.8	03 51.33 -01 00.8 20.2	-0.89 - 2.4	6.7/19.1	14153
2006 KJ ₆₇	2007 11 22.8	03 51.37 +13 46.1 20.5	-1.05 - 2.8	2.3/21.8	01822
2003 UC ₂₀₇	2007 11 22.8	03 51.42 +19 51.4 19.0	-1.04 - 1.6	0.1/22.8	25946
2001 TE ₂₂	2007 11 22.8	03 51.46 +00 46.4 19.8	-0.77 - 5.0	5.8/18.9	08030
2001 TV ₈₁	2007 11 22.8	03 51.49 +25 32.9 19.7	-0.89 - 3.2	1.6/23.8	26601
2005 GV ₄₁	2007 11 22.8	03 51.50 +19 29.9 20.9	-1.07 - 3.8	0.2/22.7	89652
2002 JZ ₆₇	2007 11 22.8	03 51.52 +19 14.6 20.1	-1.02 - 5.1	0.3/22.7	26622
2004 HZ ₅₁	2007 11 22.8	03 51.54 +08 45.1 19.2	-0.88 + 0.5	3.6/21.3	65767
2002 JC ₁₀₆	2007 11 22.8	03 51.54 +17 08.8 18.9	-1.18 + 2.4	1.1/22.5	26623
2004 BG ₁₀₁	2007 11 22.8	03 51.58 +24 23.6 19.7	-0.97 - 3.4	1.6/23.6	26706
2005 AO ₈₀	2007 11 22.8	03 51.59 +12 04.9 20.5	-1.06 - 1.8	3.0/21.6	76613
1998 SB ₁₃₀	2007 11 22.8	03 51.60 +37 12.6 19.4	-1.25 + 0.5	6.1/25.4	07760
2005 EY ₁₁₉	2007 11 22.8	03 51.64 +18 27.5 19.9	-1.07 - 3.8	0.7/22.6	26734
2001 UP ₂₁₀	2007 11 22.8	03 51.73 +24 46.8 19.5	-0.97 + 0.3	1.6/23.5	66235
2002 QT ₄₆	2007 11 22.8	03 51.74 +21 51.2 20.2	-0.97 - 4.9	0.5/23.2	26631
2002 PJ ₈₉	2007 11 22.9	03 51.69 +13 51.4 18.7	-0.92 - 8.8	2.3/21.5	26628
2003 WN ₆₄	2007 11 22.9	03 51.70 +20 22.1 19.2	-0.99 - 4.7	0.1/22.9	24426
2001 QY ₅₀	2007 11 22.9	03 51.70 +64 23.3 18.3	-1.51 + 0.9	19.5/05.4	48049
2003 QY ₁₆	2007 11 22.9	03 51.70 +21 46.7 19.4	-1.16 - 3.6	0.7/23.2	26661
2005 EJ ₃₃	2007 11 22.9	03 51.71 -19 28.0 22.3	-0.88 - 1.7	10.0/15.0	77822
2002 RN ₁₁₆	2007 11 22.9	03 51.74 +33 55.8 17.5	-0.92 - 5.8	6.5/25.9	26636
2003 PD ₉	2007 11 22.9	03 51.78 +08 37.1 19.5	-1.08 - 2.3	4.9/21.2	26660
2003 SX ₂₄₆	2007 11 22.9	03 51.81 +12 28.8 20.1	-1.04 - 3.8	3.2/21.6	10987

2002 GX ₁₄₆	2007 11 22.9	03 51.82 +18 07.1	20.0	-1.11	- 2.0	0.8/22.6	26620
2005 GU ₂₀₈	2007 11 22.9	03 51.83 +07 31.4	20.3	-1.04	+ 1.6	4.4/21.4	87668
2005 CH ₂₁	2007 11 22.9	03 51.83 +22 20.0	19.5	-1.12	- 2.4	0.8/23.3	26726
2002 QJ ₅₄	2007 11 22.9	03 51.84 +33 21.3	20.8	-1.08	- 3.4	4.4/25.3	10893
2005 JT ₁₅₇	2007 11 22.9	03 51.84 +14 18.6	20.0	-0.94	- 4.5	1.9/21.8	87677
2002 TV ₃₂₃	2007 11 22.9	03 51.85 +08 20.0	20.8	-0.89	- 4.0	3.8/20.8	26647
2002 PJ ₈₁	2007 11 22.9	03 51.86 +05 11.3	20.9	-0.92	- 4.3	5.1/20.2	35292
2002 JN ₄₈	2007 11 22.9	03 51.87 +22 31.2	20.7	-1.10	- 2.6	0.8/23.3	26621
2005 CJ ₃₆	2007 11 22.9	03 51.88 +27 41.4	19.8	-1.18	- 2.7	3.2/24.1	76667
2004 OO ₅	2007 11 22.9	03 51.90 -05 48.6	18.5	-1.55	+14.6	13.8/23.7	86531
2002 RR ₁₈	2007 11 22.9	03 51.94 +37 40.6	20.7	-1.19	- 1.7	5.5/26.0	48256
2004 BY ₉₇	2007 11 22.9	03 52.02 +42 45.2	21.6	-1.05	- 1.6	5.8/26.9	62484
2005 CX ₂₀	2007 11 22.9	03 52.06 +19 07.4	19.9	-1.12	- 2.1	0.4/22.8	26023
2004 XQ ₅₉	2007 11 22.9	03 52.12 +21 42.1	18.2	-1.21	+ 0.5	0.7/23.2	26718
2003 WM ₁₇₄	2007 11 22.9	03 52.13 +18 17.4	20.1	-1.07	- 2.4	0.7/22.7	26696
2006 MD ₁₁	2007 11 22.9	03 52.16 +15 43.1	19.9	-1.03	- 1.6	1.6/22.3	03941
2003 OE ₂	2007 11 23.0	03 52.09 +17 16.7	19.6	-1.14	- 2.3	1.3/22.6	10978
2004 EE ₂	2007 11 23.0	03 52.10 +10 41.4	21.0	-0.81	- 1.8	2.6/21.4	87617
2006 KP ₂₈	2007 11 23.0	03 52.16 +19 27.3	19.3	-1.15	- 0.8	0.3/22.9	26767
2005 EL ₄₉	2007 11 23.0	03 52.27 +19 55.1	20.3	-1.04	- 3.7	0.1/23.0	15819
1999 JT ₂₉	2007 11 23.0	03 52.27 +16 05.1	20.3	-1.07	- 5.2	1.5/22.3	26555
2005 JZ ₁₆₃	2007 11 23.0	03 52.32 -02 59.1	19.6	-0.89	+ 2.4	7.0/20.4	26747
2001 TB ₁₂	2007 11 23.0	03 52.32 +25 57.8	18.0	-1.08	+ 3.5	2.1/23.6	26601
2002 CL ₁₄₄	2007 11 23.0	03 52.35 +28 13.6	19.0	-1.17	- 4.0	3.8/24.4	04192
2001 FK ₁₀₉	2007 11 23.0	03 52.35 +13 32.5	21.3	-0.92	- 3.2	2.0/21.9	10764
2003 WN ₁₄₂	2007 11 23.0	03 52.38 +21 35.7	19.3	-1.03	- 4.9	0.6/23.3	26695
2006 QU	2007 11 23.0	03 52.39 +29 18.0	19.6	-0.88	- 7.1	2.8/25.1	11182
2001 KV ₅₅	2007 11 23.0	03 52.39 +05 41.0	20.0	-0.95	+ 0.8	4.4/21.2	04150
2003 SE ₃₁	2007 11 23.0	03 52.46 +21 02.9	20.8	-1.10	- 3.3	0.3/23.2	02162
2000 OF ₅₅	2007 11 23.0	03 52.53 +23 01.7	19.5	-1.19	- 3.9	1.2/23.6	26572
2004 EL ₆₃	2007 11 23.0	03 52.57 +15 33.1	20.1	-0.80	- 3.2	1.3/22.3	26712
2003 UH ₁₄	2007 11 23.1	03 52.51 +17 10.2	20.5	-1.06	- 4.7	1.2/22.6	26678
1999 XY ₁₅₁	2007 11 23.1	03 52.54 +26 32.1	19.6	-1.02	- 4.3	2.7/24.3	77423
2003 YZ ₁₄	2007 11 23.1	03 52.54 +37 52.3	18.2	-1.16	- 4.7	6.8/26.8	77756
2006 KJ ₇₆	2007 11 23.1	03 52.55 +14 53.6	20.2	-1.08	- 4.9	2.3/22.2	03926
2001 SR ₃₀₃	2007 11 23.1	03 52.59 +31 48.1	20.4	-0.99	- 1.3	3.6/25.0	10803
2004 BN ₇₀	2007 11 23.1	03 52.62 +28 53.9	19.5	-1.03	- 2.6	3.3/24.6	87608
2001 CZ ₄₇	2007 11 23.1	03 52.63 +17 13.1	18.7	-1.09	- 1.7	1.2/22.7	04145
2005 LQ ₂₄	2007 11 23.1	03 52.65 +18 20.0	18.8	-0.97	+ 1.7	0.7/22.9	14173
2003 UE ₂₇₈	2007 11 23.1	03 52.70 +30 42.1	19.2	-1.15	- 1.2	4.7/24.7	21805
2006 KA ₃	2007 11 23.1	03 52.70 +11 35.5	21.0	-1.04	- 2.6	3.1/21.8	01784
2004 BX ₂₅	2007 11 23.1	03 52.73 +34 49.2	19.6	-1.05	- 4.0	4.7/25.9	11018
2006 HO ₁₆	2007 11 23.1	03 52.78 +13 03.1	20.1	-1.09	- 1.4	2.9/22.1	03895
2004 FE ₁₀₅	2007 11 23.1	03 52.80 +22 44.0	19.7	-0.85	- 2.1	0.7/23.6	26712
2005 CL ₂₂	2007 11 23.1	03 52.84 +14 00.1	20.4	-1.10	- 0.6	2.3/22.3	89623
2005 EN ₂₂₀	2007 11 23.1	03 52.84 +37 19.1	19.4	-1.25	+ 0.5	6.1/25.5	14151
2002 CO ₉	2007 11 23.1	03 52.84 +11 05.1	19.1	-1.01	- 1.1	5.0/21.8	26608
2000 CB ₈₈	2007 11 23.1	03 52.92 +19 35.0	18.9	-1.02	- 1.6	0.3/23.1	26568
2003 YE ₈₅	2007 11 23.1	03 53.00 +16 22.4	17.8	-0.97	- 5.7	1.6/22.5	26700
2005 GD ₂₀₉	2007 11 23.1	03 53.01 -03 02.4	20.4	-0.82	+ 0.1	6.5/19.9	04330
1994 SQ ₁₁	2007 11 23.1	03 53.05 +32 07.3	20.0	-1.17	+ 0.7	5.0/24.8	25783

2006 HC ₉₉	2007 11 23.2	03 52.93 +19 19.5	21.6	-1.11	- 2.5	0.3/23.1	09559
2001 PX ₅₀	2007 11 23.2	03 52.94 +56 10.6	19.0	-1.39	- 3.5	12.2/02.5	23635
2001 PG ₅	2007 11 23.2	03 52.95 +48 15.6	18.5	-1.19	+ 0.7	12.3/28.3	48043
2002 GW ₁₀₀	2007 11 23.2	03 52.97 +14 25.1	21.8	-1.03	- 4.1	2.0/22.2	52976
2002 GC ₆	2007 11 23.2	03 52.99 +24 29.6	19.0	-1.23	+ 0.6	1.8/23.7	26617
2000 GC ₄₁	2007 11 23.2	03 52.99 +30 30.5	19.4	-1.08	- 0.4	3.6/24.7	07844
2005 GR ₅₉	2007 11 23.2	03 53.01 +03 00.5	20.7	-0.97	- 1.7	6.2/20.4	77096
2001 RH ₆₇	2007 11 23.2	03 53.07 +26 01.5	18.7	-0.91	- 3.2	1.9/24.3	26596
2005 MN ₈	2007 11 23.2	03 53.08 +02 25.0	21.5	-0.83	+ 0.5	4.9/20.7	95689
2002 RR ₂₃₂	2007 11 23.2	03 53.13 +24 05.5	20.1	-1.03	- 3.5	1.3/23.9	10908
2002 RS ₇₃	2007 11 23.2	03 53.17 +10 52.6	20.6	-0.93	- 3.5	3.2/21.6	75555
2003 YJ ₁₈₁	2007 11 23.2	03 53.26 +26 24.4	19.7	-1.01	- 5.3	2.2/24.4	11016
2005 AJ ₅₄	2007 11 23.2	03 53.27 +27 25.0	20.5	-1.14	- 3.0	2.6/24.4	26723
2000 GX ₁₄₀	2007 11 23.2	03 53.28 +19 56.7	20.0	-0.94	- 4.0	0.1/23.2	24306
2003 SA ₁₆₈	2007 11 23.2	03 53.33 +14 27.6	18.0	-1.11	+ 1.4	2.7/22.6	24405
2002 PN ₁₇₈	2007 11 23.2	03 53.34 +24 39.8	20.2	-1.01	- 5.9	1.6/24.1	08311
2002 TJ ₁₆₅	2007 11 23.2	03 53.35 +06 58.1	18.1	-0.85	+ 2.3	6.5/21.7	50684
2004 XV ₃₆	2007 11 23.2	03 53.36 +22 35.5	19.7	-1.20	- 4.4	0.9/23.7	26718
2002 BL ₁₆	2007 11 23.2	03 53.37 +27 28.8	19.7	-1.20	- 4.9	3.0/24.6	74132
2001 SP ₂₇₀	2007 11 23.2	03 53.38 +07 43.2	19.7	-0.79	- 3.8	4.1/20.9	10802
2003 SZ ₁₈₉	2007 11 23.2	03 53.38 +28 42.9	18.7	-1.06	+ 0.1	4.4/24.5	26671
1998 MW ₁	2007 11 23.2	03 53.38 +19 49.7	19.5	-1.02	- 6.2	0.2/23.2	26553
2005 HC ₂	2007 11 23.2	03 53.39 +11 32.7	20.8	-0.82	- 4.6	2.6/21.6	04330
2005 EO ₂₆₀	2007 11 23.2	03 53.40 +22 36.9	19.6	-0.98	- 1.5	0.8/23.7	26739
2005 CX ₆₆	2007 11 23.2	03 53.42 +22 03.9	19.7	-1.07	- 2.5	0.6/23.6	26728
2005 JP ₃₀	2007 11 23.2	03 53.45 +37 20.0	19.0	-1.24	- 0.3	6.3/25.7	00952
1995 ML ₈	2007 11 23.3	03 53.35 +15 22.3	21.3	-1.02	- 4.7	1.9/22.4	84430
2003 SV ₁₀₅	2007 11 23.3	03 53.37 +24 25.3	18.1	-1.12	- 6.8	1.7/24.1	26669
2002 SK ₉	2007 11 23.3	03 53.38 +24 05.6	19.4	-1.00	- 1.9	1.4/23.9	26639
2000 RH ₈₇	2007 11 23.3	03 53.43 +30 21.4	20.3	-1.28	- 3.1	4.4/25.0	47937
1998 QH ₈₅	2007 11 23.3	03 53.44 +22 15.2	19.7	-0.99	- 7.8	0.7/23.7	34718
1995 FT ₃	2007 11 23.3	03 53.46 +13 15.0	21.0	-0.91	- 2.8	2.3/22.1	10682
2003 YR ₇₁	2007 11 23.3	03 53.53 +37 35.8	19.6	-1.15	- 9.3	6.2/27.4	86200
2005 JO ₅₁	2007 11 23.3	03 53.56 +17 15.8	20.4	-0.87	- 1.1	0.9/22.9	11099
2003 UR ₂₉₈	2007 11 23.3	03 53.58 +24 29.0	20.4	-1.11	- 2.7	1.5/24.0	11001
2003 SZ ₂₆₅	2007 11 23.3	03 53.59 +20 37.4	20.4	-1.13	- 2.4	0.1/23.4	24408
2000 EA ₅₃	2007 11 23.3	03 53.61 +13 33.1	18.9	-0.92	- 3.3	2.6/22.2	26569
2003 QP ₂₆	2007 11 23.3	03 53.61 -11 55.8	20.0	-0.99	- 4.1	10.8/17.2	02154
2006 LO ₁	2007 11 23.3	03 53.67 +12 09.9	19.8	-1.08	- 1.6	3.0/22.2	11172
2001 RG ₆₆	2007 11 23.3	03 53.71 +13 59.9	18.7	-0.82	- 5.2	2.0/22.1	26596
2006 KC ₁₁₃	2007 11 23.3	03 53.77 -15 16.3	20.2	-1.02	+ 0.3	12.4/18.5	03930
2006 MU ₁₄	2007 11 23.3	03 53.79 +22 13.5	19.1	-0.88	- 5.0	0.6/23.8	26770
2001 PS ₃₈	2007 11 23.3	03 53.80 +22 48.3	19.1	-1.02	+ 1.8	0.9/23.7	07937
2003 SX ₁₄₉	2007 11 23.3	03 53.81 +09 29.2	19.5	-1.07	- 1.1	4.2/21.9	26670
2000 QS ₁₆₆	2007 11 23.3	03 53.88 +23 48.6	19.7	-1.19	- 4.9	1.4/24.0	04139
2000 VM ₂₂	2007 11 23.4	03 53.78 +12 16.8	18.6	-1.00	- 5.9	3.7/21.9	26581
2002 QW ₁₉	2007 11 23.4	03 53.78 +33 31.6	18.2	-1.01	- 5.3	5.7/26.2	85575
2005 JR ₁₄₂	2007 11 23.4	03 53.82 +08 34.0	19.3	-0.97	- 0.9	4.3/21.7	04335
2002 JB ₁₁₄	2007 11 23.4	03 53.84 +25 11.6	19.4	-1.09	- 5.1	1.8/24.3	26623
2001 SU ₁₇₂	2007 11 23.4	03 53.86 +20 20.3	19.3	-0.88	- 1.9	0.0/23.4	24335
2006 FN ₁₇	2007 11 23.4	03 53.87 +22 53.0	21.2	-1.22	- 1.8	1.0/23.8	04371

2000 DG ₁₁	2007 11 23.4	03 53.88 +43 44.4 18.9	-1.20 - 2.3	10.3/27.7	56100
2003 SQ ₂₂₇	2007 11 23.4	03 53.89 +28 41.8 19.4	-1.12 - 2.0	3.8/24.8	76002
1996 TB ₂₇	2007 11 23.4	03 53.92 +26 41.0 19.2	-1.18 - 0.7	2.9/24.3	77359
6010 P-L	2007 11 23.4	03 53.93 +26 57.1 20.2	-1.19 - 3.5	2.7/24.6	97217
2004 CF ₁₂	2007 11 23.4	03 53.95 +05 34.8 19.6	-0.83 - 1.6	4.5/21.0	11025
2005 GC ₁₃₇	2007 11 23.4	03 53.96 +15 40.4 20.8	-0.96 - 3.2	1.6/22.7	12887
2005 CO ₆₈	2007 11 23.4	03 53.98 +07 46.1 18.5	-0.98 - 3.3	6.0/21.3	26728
2002 GR ₁₄₂	2007 11 23.4	03 54.00 +18 28.2 21.2	-1.05 - 3.3	0.6/23.1	77593
2001 FQ ₁₃	2007 11 23.4	03 54.06 +29 23.9 20.2	-1.11 - 1.6	3.1/24.9	04147
2003 YC ₂₆	2007 11 23.4	03 54.07 +10 20.7 19.0	-1.03 + 1.4	3.8/22.2	87600
1995 OL ₁₁	2007 11 23.4	03 54.14 +17 16.2 21.3	-0.86 - 2.4	1.0/23.0	66054
2001 BN ₉	2007 11 23.4	03 54.15 +25 40.8 19.6	-1.16 - 1.9	2.1/24.3	77501
2002 JG ₂₄	2007 11 23.4	03 54.15 +18 45.0 20.0	-1.09 - 1.6	0.5/23.2	26621
2001 TJ ₆₀	2007 11 23.4	03 54.24 +14 52.6 19.7	-0.82 - 3.5	1.8/22.5	77571
2003 QJ ₁₁₁	2007 11 23.4	03 54.25 +25 23.5 18.6	-1.16 + 1.0	2.6/24.1	26665
2003 XD ₁₈	2007 11 23.4	03 54.25 +13 18.5 18.5	-1.21 + 6.1	2.7/23.0	22765
2005 EA ₅	2007 11 23.4	03 54.27 +31 17.2 19.5	-1.20 - 0.7	4.8/25.0	76718
2003 SJ ₁₆₉	2007 11 23.4	03 54.29 +19 49.3 18.8	-1.06 - 0.8	0.2/23.4	26671
2005 JS ₂₀	2007 11 23.5	03 54.20 +06 45.0 19.5	-0.93 - 0.4	4.6/21.5	87670
2005 EW ₁₇₆	2007 11 23.5	03 54.22 +33 54.5 18.8	-1.20 + 0.2	5.6/25.4	26736
2005 GG ₃₉	2007 11 23.5	03 54.23 +17 47.5 19.8	-1.07 - 3.8	1.0/23.1	77078
2003 OH ₅	2007 11 23.5	03 54.24 +24 43.3 19.4	-1.17 - 4.1	1.7/24.3	02150
2002 GE ₅₉	2007 11 23.5	03 54.25 +23 30.1 21.2	-1.11 - 2.0	1.1/24.0	72596
2006 KE ₃₉	2007 11 23.5	03 54.34 +15 54.7 20.7	-1.07 - 2.1	1.5/22.9	04376
2001 SQ ₃₄₉	2007 11 23.5	03 54.34 +32 47.5 20.3	-1.03 0.0	4.2/25.3	25837
2001 KE ₅₁	2007 11 23.5	03 54.35 +17 52.6 20.1	-0.96 - 6.3	0.8/23.0	10769
2003 UF ₁₆₂	2007 11 23.5	03 54.36 +19 54.5 19.0	-1.10 - 1.5	0.2/23.5	02184
2006 QD ₉₈	2007 11 23.5	03 54.37 +37 08.9 20.3	-1.09 - 4.8	5.1/26.9	09714
2001 SE ₂₂₂	2007 11 23.5	03 54.40 +17 46.5 20.3	-0.87 - 2.2	0.8/23.1	04169
2000 SE ₉₈	2007 11 23.5	03 54.43 +14 38.4 18.1	-0.89 - 6.6	3.1/22.4	25807
2003 WO ₁₃₉	2007 11 23.5	03 54.43 +21 40.6 18.1	-1.04 - 0.8	0.6/23.7	24428
2003 UH ₈₂	2007 11 23.5	03 54.44 +23 52.0 20.0	-1.17 - 1.5	1.3/24.1	24415
2002 RJ ₂₁₂	2007 11 23.5	03 54.51 +10 33.0 19.1	-0.96 + 1.1	4.0/22.4	03394
2001 SQ ₁₅₇	2007 11 23.5	03 54.53 +15 04.5 19.7	-0.83 - 4.8	1.7/22.6	26599
2005 GW ₉₉	2007 11 23.5	03 54.54 +35 55.0 20.5	-1.10 - 2.9	4.9/26.3	09189
2005 LQ ₁₀	2007 11 23.5	03 54.54 +08 45.0 19.6	-0.83 - 5.4	3.9/21.2	09275
2002 LO ₁	2007 11 23.5	03 54.56 +13 24.2 20.3	-1.04 - 4.0	2.5/22.4	04202
2005 ET ₄₇	2007 11 23.5	03 54.56 +39 20.2 19.1	-1.26 - 1.8	7.1/26.8	76801
1998 SA ₇₂	2007 11 23.5	03 54.59 +16 13.0 19.6	-0.98 - 2.4	1.5/22.9	10695
2003 UE ₁₃₅	2007 11 23.5	03 54.62 +20 25.7 19.6	-1.07 - 3.8	0.0/23.6	26682
2001 OG ₁₁₃	2007 11 23.5	03 54.62 +14 44.4 17.6	-1.10 + 6.4	2.3/23.2	10773
2004 CE ₅₉	2007 11 23.5	03 54.64 +28 27.0 20.6	-1.06 - 0.7	2.8/24.7	04294
2006 HP ₆₆	2007 11 23.5	03 54.65 +19 48.7 20.1	-1.13 - 1.5	0.2/23.5	22548
2005 GS ₁₅₁	2007 11 23.5	03 54.71 +16 33.5 19.6	-0.95 - 3.9	1.3/22.9	26744
2005 EQ ₉₄	2007 11 23.6	03 54.64 +19 11.0 20.7	-1.04 - 3.4	0.4/23.4	04319
2000 BH ₂₆	2007 11 23.6	03 54.67 +29 22.9 19.7	-1.12 - 2.5	3.5/25.0	04129
2002 RA ₂₆₆	2007 11 23.6	03 54.72 +22 40.9 20.1	-0.95 - 4.7	1.0/24.1	10911
2004 PJ ₄₁	2007 11 23.6	03 54.73 -22 39.2 19.9	-1.12 + 4.4	21.6/21.6	70379
2004 CO ₂₄	2007 11 23.6	03 54.75 +03 32.4 20.8	-0.81 - 2.3	5.0/20.8	11026
2000 EX ₄₃	2007 11 23.6	03 54.77 +36 23.4 19.5	-1.14 - 0.1	5.3/25.9	04133
2002 LS ₄	2007 11 23.6	03 54.79 +10 17.7 20.1	-0.99 - 1.9	3.4/22.1	26624

2000 PF ₃₂	2007 11 23.6	03 54.83 +13 33.3 19.6	-1.25 + 0.6	3.1/22.9	02000
2002 PU ₁₁₅	2007 11 23.6	03 54.89 +11 27.2 20.2	-0.92 - 5.4	2.8/22.0	22708
2006 PM ₁	2007 11 23.6	03 54.94 +46 20.3 19.7	-1.09 - 4.4	7.0/29.4	09593
2004 FO ₂₄	2007 11 23.6	03 54.96 +19 47.7 19.3	-0.83 - 4.8	0.2/23.6	26712
2006 PZ ₇	2007 11 23.6	03 54.96 +37 49.4 21.5	-1.14 - 2.2	5.2/26.7	03978
2005 EO ₂₈₃	2007 11 23.6	03 54.98 +13 03.2 19.8	-1.05 - 0.7	2.7/22.7	04323
1997 SJ ₃₀	2007 11 23.6	03 54.98 +21 32.5 20.2	-0.93 - 3.0	0.4/23.9	04109
2002 RU ₈₈	2007 11 23.6	03 54.99 +26 54.0 19.6	-1.04 - 3.1	2.3/24.8	10901
2001 UF ₁₀₃	2007 11 23.6	03 55.00 +23 30.5 19.9	-0.95 - 0.2	1.0/24.1	26603
2002 RL ₂₀	2007 11 23.6	03 55.03 +19 49.0 19.3	-1.00 - 1.7	0.2/23.6	26634
2003 FE ₃₁	2007 11 23.6	03 55.03 +24 57.1 20.2	-0.85 - 0.3	1.3/24.4	26657
2002 RY ₂₅₅	2007 11 23.6	03 55.04 +07 59.5 20.3	-0.92 - 4.9	3.9/21.4	26639
2004 FZ ₂₀	2007 11 23.6	03 55.07 +27 17.5 20.1	-0.87 - 2.5	1.9/24.9	08975
2006 KV ₁₁₀	2007 11 23.6	03 55.08 +23 37.2 20.1	-1.16 - 2.8	1.3/24.2	26769
2002 SV ₇₀	2007 11 23.6	03 55.09 +18 17.5 19.8	-0.98 - 2.5	0.7/23.4	25881
2000 SN ₂₇₁	2007 11 23.7	03 55.09 +21 29.2 17.5	-1.22 + 3.0	0.6/23.8	26578
2002 RZ ₂₆₃	2007 11 23.7	03 55.09 +35 33.8 19.8	-1.10 - 3.3	6.0/26.4	18021
2004 CV ₂₁	2007 11 23.7	03 55.16 +27 25.5 20.2	-0.95 - 3.5	2.3/25.0	14077
2003 SM ₅₇	2007 11 23.7	03 55.16 +26 52.2 18.7	-1.11 - 1.6	3.0/24.7	26667
2002 RC ₁₁₉	2007 11 23.7	03 55.18 +37 27.8 19.7	-1.23 - 0.4	6.0/26.4	41787
2000 OA ₂₃	2007 11 23.7	03 55.21 +30 50.3 19.4	-1.31 - 3.8	4.3/26.0	22670
2002 PE ₂₅	2007 11 23.7	03 55.23 +19 46.1 19.2	-0.99 - 3.3	0.2/23.6	24364
2005 GQ ₅₁	2007 11 23.7	03 55.25 +14 06.6 20.2	-0.93 - 1.9	2.1/22.8	11092
2003 AL ₉₀	2007 11 23.7	03 55.26 +16 48.9 18.9	-0.95 + 1.5	1.2/23.3	85856
2002 GB ₆₉	2007 11 23.7	03 55.28 +20 52.0 20.9	-1.08 - 3.0	0.2/23.8	26618
2005 EB ₁₅₄	2007 11 23.7	03 55.32 +36 20.8 20.5	-1.14 - 1.2	4.9/26.2	18111
2003 QX ₅₉	2007 11 23.7	03 55.34 +26 42.4 19.0	-1.21 - 0.8	2.6/24.6	26663
2005 AC ₄	2007 11 23.7	03 55.34 +21 17.4 18.5	-1.22 0.0	0.4/23.9	26720
2002 QT ₉₉	2007 11 23.7	03 55.40 +12 38.4 20.3	-0.97 - 2.2	2.7/22.6	03369
2004 DK ₁₉	2007 11 23.7	03 55.44 +03 36.6 19.8	-0.83 - 1.6	5.3/21.1	11032
2001 FO ₁₄₄	2007 11 23.7	03 55.44 +27 24.1 20.6	-1.08 - 0.2	2.2/24.8	04149
2000 VO ₂₉	2007 11 23.7	03 55.47 +13 22.6 17.6	-0.88 -10.6	3.5/22.1	26582
2003 UR ₃₇₅	2007 11 23.7	03 55.50 +30 08.9 19.9	-1.17 - 3.0	4.2/25.4	25954
2006 UA ₃₃₀	2007 11 23.7	03 55.52 +07 06.1 22.2	-0.75 - 3.3	3.2/21.4	24135
2004 EH ₅₆	2007 11 23.7	03 55.52 +34 36.7 19.6	-0.98 - 1.2	4.1/26.1	18067
2001 RP ₁₂₇	2007 11 23.7	03 55.54 +18 12.9 18.1	-0.89 - 1.5	0.8/23.5	26597
2003 YX ₁₃₉	2007 11 23.8	03 55.54 +15 25.7 19.5	-1.01 + 0.1	1.7/23.2	26702
2004 FR ₈₂	2007 11 23.8	03 55.65 +04 28.9 19.7	-0.82 - 0.8	5.0/21.5	26712
2005 EU ₁₂₈	2007 11 23.8	03 55.70 +08 48.4 19.3	-1.01 - 3.0	5.4/21.9	19648
2002 EL ₃	2007 11 23.8	03 55.71 +30 52.1 20.6	-1.22 - 2.7	3.9/25.5	75303
2005 GQ ₁₇₈	2007 11 23.8	03 55.73 +15 20.2 20.3	-0.96 - 0.4	1.8/23.2	95674
2002 QJ ₇₂	2007 11 23.8	03 55.74 +14 56.2 19.9	-0.96 - 2.8	2.0/23.0	87543
2001 TS ₁₃₃	2007 11 23.8	03 55.76 +11 21.6 19.1	-0.88 + 0.8	3.0/22.7	26601
2003 YQ ₁₆₂	2007 11 23.8	03 55.76 +24 41.8 18.4	-1.16 + 2.9	1.8/24.3	26703
1996 VW ₂₂	2007 11 23.8	03 55.80 +09 14.4 20.9	-0.82 - 2.4	3.2/21.9	87334
2004 FC ₁₃	2007 11 23.8	03 55.80 -08 20.2 20.1	-0.76 - 5.9	7.9/17.3	11043
2004 BX ₁₈	2007 11 23.8	03 55.84 -03 35.5 19.0	-0.85 - 4.4	10.3/18.7	26704
1998 HJ ₂₂	2007 11 23.8	03 55.87 +26 40.2 20.3	-1.19 - 1.3	2.4/24.8	74570
2002 QO	2007 11 23.8	03 55.96 +24 19.9 17.1	-0.90 - 7.0	1.7/24.7	24366
2005 EU ₂₈₃	2007 11 23.8	03 55.96 +15 40.5 20.2	-1.08 - 2.3	2.1/23.2	11088
2001 HF ₄₉	2007 11 23.8	03 55.96 +25 20.9 18.9	-1.11 - 5.0	2.0/24.8	26591

2003 UY ₁₁₉	2007 11 23.9	03 55.91 +21 30.2 19.8	-1.03 - 4.2	0.5/24.1	24416
2002 TP ₅₅	2007 11 23.9	03 55.97 +20 24.3 19.1	-0.99 - 0.3	0.0/23.9	26642
2002 TF ₈₄	2007 11 23.9	03 55.99 +33 49.4 19.1	-1.25 + 2.8	5.2/25.4	26642
2005 AX ₄₇	2007 11 23.9	03 56.02 +27 56.0 21.1	-1.12 - 4.3	2.5/25.2	09106
2004 BF ₉₆	2007 11 23.9	03 56.06 +11 54.8 20.1	-0.92 - 1.7	2.9/22.6	76395
2005 BC ₃	2007 11 23.9	03 56.08 +09 23.5 20.1	-1.09 - 1.5	4.3/22.4	02240
2003 UL ₁₂₁	2007 11 23.9	03 56.09 +21 56.7 19.6	-1.05 - 2.4	0.7/24.2	08778
1995 YE ₁₁	2007 11 23.9	03 56.17 +19 34.7 20.6	-1.00 - 4.1	0.3/23.8	74551
2005 EE ₁₇₃	2007 11 23.9	03 56.17 +19 51.8 20.7	-1.05 - 3.3	0.2/23.9	19180
2001 TK ₂₁₄	2007 11 23.9	03 56.19 +31 39.5 19.5	-0.94 - 4.2	3.4/26.2	17961
2001 SO ₂₀₁	2007 11 23.9	03 56.24 +17 30.5 18.8	-0.87 - 2.5	1.1/23.5	26599
2000 DG ₂	2007 11 23.9	03 56.31 +01 46.1 20.0	-0.86 - 4.2	6.2/20.4	10726
2003 QD ₉₃	2007 11 23.9	03 56.32 +23 47.4 19.8	-1.20 - 0.5	1.4/24.4	26664
2002 FE ₁₆	2007 11 23.9	03 56.35 +12 24.8 20.1	-1.11 - 0.2	3.1/23.0	72582
2006 KE ₆₄	2007 11 23.9	03 56.39 +09 49.8 19.7	-1.01 - 1.6	4.5/22.5	26769
2002 RV ₂₂₅	2007 11 24.0	03 56.32 +34 50.1 18.4	-1.07 - 3.4	5.8/26.6	10908
2004 RK ₂₄	2007 11 24.0	03 56.34 -18 23.7 20.6	-1.13 - 3.4	16.9/16.5	02207
2003 RF ₅	2007 11 24.0	03 56.34 +18 42.9 18.6	-0.99 - 3.4	0.8/23.7	24400
2006 LR ₄	2007 11 24.0	03 56.38 +23 23.3 19.3	-1.05 + 1.3	0.9/24.4	26770
2005 LT ₈	2007 11 24.0	03 56.41 +17 31.1 20.2	-0.82 - 2.3	0.8/23.5	26748
2004 SO ₃	2007 11 24.0	03 56.41 -11 52.0 20.4	-1.06 -10.5	15.2/15.7	03635
2002 PA ₁₆₉	2007 11 24.0	03 56.41 +32 06.8 19.3	-1.04 - 3.1	5.1/26.1	75478
2004 CV ₁₀₅	2007 11 24.0	03 56.45 +19 50.8 19.0	-0.86 - 5.1	0.2/23.9	26709
2003 QO ₃₇	2007 11 24.0	03 56.48 +20 06.4 20.4	-1.13 - 3.6	0.1/24.0	26662
2002 TY ₂₂₀	2007 11 24.0	03 56.51 +42 16.1 19.9	-1.19 - 2.8	7.0/28.1	10926
2002 UU ₆₃	2007 11 24.0	03 56.53 +35 17.9 20.5	-1.15 - 0.7	5.1/26.3	22423
2005 EX ₅₀	2007 11 24.0	03 56.54 +21 14.3 20.3	-1.11 - 4.2	0.4/24.2	89631
2002 PT ₁₇₂	2007 11 24.0	03 56.59 +18 45.0 19.9	-1.01 - 2.3	0.6/23.8	26629
2001 EH ₁₅	2007 11 24.0	03 56.59 +34 58.4 21.2	-1.14 - 1.6	4.5/26.4	10762
2003 SM ₁₅₅	2007 11 24.0	03 56.61 +23 28.7 20.0	-1.14 - 3.5	1.2/24.6	26670
2004 BS ₆₂	2007 11 24.0	03 56.64 +15 19.9 19.8	-0.93 - 1.4	1.7/23.3	11020
2003 AT ₂₅	2007 11 24.0	03 56.67 +32 11.1 18.1	-0.91 - 5.9	4.9/26.5	25904
2004 EX ₃₂	2007 11 24.0	03 56.67 +26 30.8 20.4	-0.92 - 5.6	1.8/25.3	65596
2002 HJ ₁	2007 11 24.0	03 56.70 +11 21.0 20.3	-1.04 - 1.7	3.0/22.8	04199
2003 SZ ₁₃	2007 11 24.0	03 56.70 +27 32.2 19.1	-1.07 - 2.5	3.5/25.2	97668
1999 VG ₁₀₄	2007 11 24.0	03 56.72 +19 44.0 19.2	-0.71 - 3.8	0.2/24.0	26561
2004 DR ₂₀	2007 11 24.0	03 56.74 +07 18.4 19.6	-0.84 - 1.9	4.1/21.9	25993
1999 TY ₁₅₉	2007 11 24.0	03 56.75 +20 39.9 18.0	-0.99 - 4.6	0.1/24.1	24293
2002 RF ₁₆	2007 11 24.0	03 56.75 +03 04.6 19.3	-0.89 - 3.6	6.3/21.1	26634
2002 RF ₃₆	2007 11 24.0	03 56.76 -01 05.9 20.1	-0.87 - 4.4	7.8/20.1	75535
2003 QR ₅₃	2007 11 24.0	03 56.77 +24 29.0 20.0	-1.19 - 2.8	1.5/24.7	02156
2003 UA ₈₀	2007 11 24.0	03 56.81 +10 40.7 19.4	-1.02 - 1.0	4.2/22.8	26680
2002 CT ₅₁	2007 11 24.0	03 56.82 +14 44.9 19.6	-1.13 - 3.4	2.4/23.2	04192
2000 QG ₁₂₅	2007 11 24.0	03 56.83 +25 03.6 19.3	-1.19 - 5.6	1.9/24.9	72103
2005 EM ₁₈₁	2007 11 24.0	03 56.84 +28 16.1 19.5	-1.19 - 1.2	3.4/25.2	22788
2004 RK ₁₀₉	2007 11 24.0	03 56.89 +55 07.4 20.1	-2.09 + 3.2	16.9/27.9	86547
2004 PG	2007 11 24.1	03 56.74 -24 01.3 20.7	-1.18 - 1.8	19.9/14.6	00729
2006 QF ₁₅	2007 11 24.1	03 56.81 +23 25.4 20.9	-0.89 - 4.1	0.9/24.7	26185
2005 JS ₆₆	2007 11 24.1	03 56.82 +25 02.9 20.1	-1.05 - 3.3	1.6/24.9	21819
2000 WV ₁₄₇	2007 11 24.1	03 56.90 +20 56.1 19.0	-1.07 - 5.0	0.2/24.2	74867
2005 KC ₅	2007 11 24.1	03 56.90 +17 07.1 19.8	-0.87 - 6.0	1.1/23.5	26748

2005 GE ₆₇	2007 11 24.1	03 56.92 +18 16.3 20.1	-1.04 - 4.0	0.9/23.8	86695
2004 CJ ₁₀₆	2007 11 24.1	03 56.92 +35 27.2 19.4	-0.97 - 4.5	4.4/27.1	11030
2005 CQ ₂₀	2007 11 24.1	03 56.96 +11 13.2 19.0	-1.05 - 1.5	4.1/22.8	77810
2006 GF ₃₉	2007 11 24.1	03 56.99 +18 06.2 18.8	-1.78 +11.9	1.2/24.1	26759
2001 UU ₁₇₂	2007 11 24.1	03 57.00 +21 24.3 19.4	-0.87 - 1.9	0.3/24.3	26603
2005 GA ₅₂	2007 11 24.1	03 57.00 +30 30.6 19.1	-1.21 + 1.5	3.7/25.3	77087
2006 PE ₃	2007 11 24.1	03 57.03 +38 19.1 20.7	-1.14 - 2.7	5.6/27.4	11177
2002 LD ₂₁	2007 11 24.1	03 57.05 +28 35.4 20.1	-1.06 - 6.0	2.6/26.0	03325
2002 XL ₇₂	2007 11 24.1	03 57.06 +21 14.2 18.7	-0.93 - 1.0	0.3/24.3	26654
2002 NL ₂	2007 11 24.1	03 57.08 +30 52.2 20.7	-1.12 - 3.1	3.4/25.9	04204
2003 YY ₈₉	2007 11 24.1	03 57.14 +16 28.5 19.3	-0.99 - 0.7	1.5/23.6	87602
2003 YR ₁₈₀	2007 11 24.1	03 57.23 +04 32.5 17.9	-0.93 + 1.1	7.1/22.1	24435
2002 NC ₄₈	2007 11 24.1	03 57.24 +38 01.1 20.8	-1.16 - 4.5	5.8/27.6	03330
2005 GY ₇₉	2007 11 24.2	03 57.17 +16 12.2 19.4	-1.12 + 1.1	1.7/23.7	87666
2001 TF ₁₀₈	2007 11 24.2	03 57.18 +27 25.3 19.0	-0.91 - 3.2	2.3/25.4	10809
2003 SJ ₁₀₆	2007 11 24.2	03 57.20 +24 12.1 18.7	-1.09 - 6.1	1.5/24.9	26669
2002 YA ₃₂	2007 11 24.2	03 57.23 +29 18.5 19.3	-0.92 - 4.9	3.3/25.9	48308
1999 TQ ₅₀	2007 11 24.2	03 57.25 +19 46.6 20.7	-1.07 - 3.4	0.2/24.1	01979
2002 CC ₅₇	2007 11 24.2	03 57.25 +09 57.8 18.6	-1.06 - 3.5	5.0/22.5	26609
2002 XS ₁₂	2007 11 24.2	03 57.25 +24 34.6 18.8	-0.90 - 6.1	1.4/25.1	26653
2001 GD ₉	2007 11 24.2	03 57.26 +13 22.9 20.2	-1.00 + 0.1	2.3/23.3	04149
2004 BH ₁₄	2007 11 24.2	03 57.26 +06 20.4 21.1	-0.90 - 2.1	4.4/21.9	62471
2002 CD ₆	2007 11 24.2	03 57.27 +26 45.9 18.9	-1.23 - 2.7	2.8/25.2	77584
1995 SN ₃₄	2007 11 24.2	03 57.27 +35 02.7 20.1	-0.99 - 1.2	4.4/26.6	10683
1999 JH ₂₈	2007 11 24.2	03 57.29 +15 20.0 19.8	-0.78 - 4.0	1.3/23.3	10701
2001 XR ₂₀₈	2007 11 24.2	03 57.29 +23 01.0 19.5	-0.78 - 5.5	0.7/24.8	10842
2006 HE ₆₄	2007 11 24.2	03 57.34 +23 51.2 20.4	-1.24 + 0.7	1.3/24.6	26762
2003 WV ₁₁₆	2007 11 24.2	03 57.34 +28 14.1 18.7	-1.08 - 2.0	3.4/25.4	77748
2006 PK ₃₅	2007 11 24.2	03 57.41 +01 10.4 19.8	-0.86 + 0.3	6.3/21.7	12399
2006 JZ ₃₈	2007 11 24.2	03 57.41 +17 08.2 20.7	-1.06 - 3.1	1.2/23.7	26766
2006 LN ₂	2007 11 24.2	03 57.45 +07 02.3 19.7	-0.90 - 3.9	4.4/22.0	26181
2005 BK ₁₅	2007 11 24.2	03 57.45 +24 20.3 20.1	-1.09 - 4.6	1.4/24.9	04313
2001 SJ ₃₁₃	2007 11 24.2	03 57.47 +34 40.9 18.6	-1.16 + 4.6	5.9/25.6	25837
2005 JO ₉₇	2007 11 24.2	03 57.47 +14 06.3 21.0	-0.81 - 2.6	1.8/23.2	21349
2001 YA ₉₄	2007 11 24.2	03 57.50 +36 02.8 21.3	-1.17 + 3.2	5.2/26.0	31962
2001 NC ₉	2007 11 24.2	03 57.52 +22 19.8 20.8	-0.92 - 4.2	0.6/24.6	22390
2006 UZ ₂₉₁	2007 11 24.2	03 57.57 +29 47.1 20.0	-0.92 - 4.6	3.0/26.0	14806
2005 JP ₄	2007 11 24.2	03 57.59 +04 06.0 22.0	-0.86 - 2.3	4.6/21.6	87669
2001 TK ₂₅₅	2007 11 24.2	03 57.63 +19 43.2 19.9	-0.94 + 0.9	0.3/24.2	26602
2006 QL ₁₂₀	2007 11 24.2	03 57.64 +23 56.7 19.8	-0.86 - 4.5	1.1/25.0	09738
2003 YS ₁₄₄	2007 11 24.2	03 57.66 +34 13.3 19.3	-1.15 - 0.3	5.3/26.3	11015
2003 PB ₇	2007 11 24.3	03 57.60 +16 51.7 19.6	-1.13 - 4.1	1.4/23.7	26660
2005 EL ₁₉₈	2007 11 24.3	03 57.62 +24 27.4 21.4	-0.97 - 2.6	1.2/25.0	14150
2004 BY ₅₃	2007 11 24.3	03 57.63 +13 32.5 20.1	-0.95 - 0.8	2.6/23.3	21808
2002 RO ₁₃₅	2007 11 24.3	03 57.63 +54 47.0 20.8	-1.68 + 0.6	9.8/30.3	10903
2003 SD ₇	2007 11 24.3	03 57.63 +29 07.5 20.2	-1.23 - 2.3	3.2/26.0	10982
2003 SM ₅₅	2007 11 24.3	03 57.64 +23 44.4 19.5	-1.10 - 4.8	1.4/24.9	77708
2002 GR ₂	2007 11 24.3	03 57.67 +08 27.4 19.6	-1.20 + 3.3	3.9/23.3	04196
2006 QA ₁₆	2007 11 24.3	03 57.67 +36 29.7 19.7	-1.01 - 2.8	5.4/27.2	11185
2003 QL ₃₉	2007 11 24.3	03 57.71 +22 37.5 19.9	-1.17 - 3.4	0.9/24.7	24397
2001 TX ₆₀	2007 11 24.3	03 57.71 +27 33.8 19.3	-0.94 - 1.5	2.2/25.5	04173

2002 NM ₃₄	2007 11 24.3	03 57.72 +11 19.0 20.3	-0.95 - 3.9	3.2/22.8	77608
2001 PD ₄₃	2007 11 24.3	03 57.72 +04 09.6 20.2	-0.90 0.0	5.2/22.3	18361
2005 CW ₂₆	2007 11 24.3	03 57.73 +23 07.4 20.0	-1.08 - 2.6	0.9/24.7	26726
2005 EP ₃₂₃	2007 11 24.3	03 57.75 +12 07.1 20.8	-0.83 - 4.6	2.5/22.8	09162
2000 GK ₂₄	2007 11 24.3	03 57.79 +29 27.9 19.4	-1.07 - 1.3	3.3/25.7	10733
2001 KR ₉	2007 11 24.3	03 57.80 +16 04.6 20.0	-1.02 - 1.4	1.5/23.7	87426
2006 PY ₁₃	2007 11 24.3	03 57.80 +06 41.0 19.6	-0.98 + 1.2	4.7/22.7	03985
2005 GW ₇₇	2007 11 24.3	03 57.83 -18 06.4 18.7	-0.86 - 6.3	15.0/14.2	86699
2005 AE ₃₂	2007 11 24.3	03 57.84 +14 30.0 18.0	-0.98 - 1.8	3.3/23.5	02238
2001 GE ₁	2007 11 24.3	03 57.90 -16 04.5 21.2	-0.93 + 0.6	9.7/18.9	14427
2002 TY ₃₀₄	2007 11 24.3	03 57.90 +09 55.4 20.2	-0.90 - 2.4	3.6/22.7	26646
2005 KG ₅	2007 11 24.3	03 57.93 +18 32.2 19.9	-0.91 - 3.1	0.7/24.0	26748
1998 BZ ₅	2007 11 24.3	03 57.94 +16 59.8 20.6	-0.86 - 2.1	1.1/23.8	10690
2002 OX ₁₇	2007 11 24.3	03 58.00 +13 46.4 20.2	-0.97 - 4.1	2.3/23.2	75411
2006 QO ₁₆₉	2007 11 24.3	03 58.03 +15 29.1 19.9	-0.82 - 4.6	1.5/23.4	09783
2003 SZ ₁₂₀	2007 11 24.3	03 58.04 +15 35.5 18.3	-1.10 + 1.7	2.3/23.9	26669
2006 KA ₁₀₇	2007 11 24.3	03 58.06 +24 34.8 21.5	-1.17 - 1.9	1.5/25.0	01839
2003 SY ₆₉	2007 11 24.3	03 58.12 +39 33.2 19.5	-1.36 - 0.7	8.2/27.4	57945
2005 KY ₁₃₅	2007 11 24.4	03 57.99 +18 52.3 19.1	-0.94 0.0	0.6/24.2	26744
2006 QA ₁₅₃	2007 11 24.4	03 58.00 +16 14.8 20.1	-0.89 - 2.5	1.4/23.7	09769
2004 GO ₁₆	2007 11 24.4	03 58.11 -03 13.3 20.7	-0.78 - 3.7	6.8/19.7	09008
2002 PP ₇₃	2007 11 24.4	03 58.12 +05 28.5 20.5	-0.92 - 4.0	5.1/21.8	48247
2001 UN ₆₃	2007 11 24.4	03 58.20 +30 12.7 19.0	-1.00 + 1.0	2.8/25.7	10819
2000 RK ₂₃	2007 11 24.4	03 58.21 +34 29.3 19.0	-1.31 - 3.7	5.7/26.9	02004
2000 SK ₃₅₉	2007 11 24.4	03 58.25 +21 52.6 20.3	-1.16 - 4.7	0.6/24.7	99986
1999 XO ₆₈	2007 11 24.4	03 58.26 +19 52.5 18.8	-0.85 - 6.1	0.3/24.3	26563
2005 EG ₁₉₀	2007 11 24.4	03 58.29 +19 13.1 20.9	-1.04 - 3.7	0.5/24.2	02247
2003 XV ₂	2007 11 24.4	03 58.32 +15 30.6 18.7	-0.90 - 4.2	2.4/23.6	25973
2002 PV ₈₉	2007 11 24.4	03 58.37 +25 15.8 17.9	-0.97 - 8.6	1.9/25.5	10886
2001 WY ₇₂	2007 11 24.4	03 58.40 +17 27.7 19.8	-0.86 - 1.2	1.0/24.0	08139
2006 FA ₃₀	2007 11 24.4	03 58.41 +16 29.9 21.6	-1.11 - 3.8	1.5/23.8	26757
2001 SY ₃₄₈	2007 11 24.4	03 58.46 +33 33.3 19.7	-0.98 - 1.5	4.0/26.6	10805
2005 GZ ₁₆₃	2007 11 24.4	03 58.47 +19 31.7 20.1	-0.99 - 3.7	0.4/24.3	24470
2005 GG ₁₁₃	2007 11 24.5	03 58.47 +16 19.0 21.3	-0.84 - 0.5	1.0/23.9	77869
2001 SJ ₂₀₀	2007 11 24.5	03 58.50 +17 07.6 20.3	-0.87 - 2.6	1.0/24.0	26599
1999 XK ₁₃₁	2007 11 24.5	03 58.55 +29 10.9 18.6	-1.07 - 2.8	3.9/26.0	10719
2005 CR ₄₃	2007 11 24.5	03 58.55 +28 46.5 19.7	-1.15 - 3.3	3.1/25.9	04315
2005 EU ₃₁₇	2007 11 24.5	03 58.57 +18 39.0 20.7	-1.03 - 3.5	0.7/24.2	89648
2000 CL ₁₃₄	2007 11 24.5	03 58.58 +21 39.9 20.0	-0.99 - 3.1	0.5/24.7	07833
2004 CR ₁₁₅	2007 11 24.5	03 58.58 +25 14.3 20.4	-0.99 - 1.8	1.6/25.3	11031
2002 RL ₉₈	2007 11 24.5	03 58.59 -00 34.7 19.4	-0.82 - 4.7	8.9/20.6	48263
2003 SG ₂₈₆	2007 11 24.5	03 58.60 +18 32.2 20.2	-1.04 - 5.2	0.9/24.2	87593
2005 GN ₃₀	2007 11 24.5	03 58.61 +09 46.8 19.6	-0.95 - 3.7	4.1/22.7	11091
2005 GL ₁₂₇	2007 11 24.5	03 58.61 +07 56.3 20.7	-0.91 - 1.8	3.7/22.6	87667
2006 HV ₁₁₁	2007 11 24.5	03 58.64 +10 19.1 21.9	-1.08 - 4.0	3.8/22.9	01725
2005 EF ₁₀₂	2007 11 24.5	03 58.65 +35 12.1 21.6	-1.09 - 1.3	4.2/26.8	14733
2006 KH ₂₈	2007 11 24.5	03 58.67 +19 13.5 19.7	-1.10 - 4.9	0.5/24.3	26767
1998 EF ₁₁	2007 11 24.5	03 58.67 +16 30.5 20.1	-1.06 - 2.4	1.4/23.9	04109
2002 RN ₂₃₃	2007 11 24.5	03 58.73 +14 35.0 20.8	-0.95 - 3.2	2.1/23.6	02128
2004 CF ₈₅	2007 11 24.5	03 58.73 +31 27.7 20.2	-0.94 - 3.6	3.1/26.5	11029
2006 PX ₄	2007 11 24.5	03 58.73 +38 40.2 21.0	-1.14 - 3.5	5.5/27.9	09595

2006 ON ₁₆	2007 11 24.5	03 58.75 +30 29.2 20.6	-1.01 - 4.3	3.1/26.4	11176
2003 YK ₁₃₈	2007 11 24.5	03 58.78 +26 56.4 19.2	-1.01 - 3.3	2.5/25.7	04283
2003 SG ₃₃₄	2007 11 24.5	03 58.79 +22 24.6 20.0	-1.11 - 2.4	0.8/24.9	25933
2002 QH ₉₃	2007 11 24.5	03 58.79 +37 00.0 20.3	-1.18 - 1.7	5.5/27.2	04213
2004 FT ₆₂	2007 11 24.5	03 58.79 +19 10.8 20.6	-0.85 - 2.0	0.4/24.4	26712
2003 YD ₁₀₇	2007 11 24.5	03 58.80 +11 34.3 19.9	-0.93 - 2.2	3.2/23.2	89498
2005 CX ₂₁	2007 11 24.5	03 58.81 +19 07.5 20.0	-1.08 - 3.7	0.5/24.3	24456
2002 LL ₄₃	2007 11 24.5	03 58.81 +23 26.6 17.8	-0.99 - 9.4	1.1/25.2	26624
2003 YB ₁₁₂	2007 11 24.5	03 58.81 +29 13.1 18.2	-1.08 - 1.9	4.0/26.0	26701
2002 CO ₄₆	2007 11 24.5	03 58.83 +17 29.4 21.1	-1.09 - 3.5	1.1/24.1	22398
2005 EC ₁₇₅	2007 11 24.5	03 58.85 +14 14.0 21.2	-0.95 - 4.2	2.1/23.5	77842
2001 TZ ₂₂₁	2007 11 24.5	03 58.85 +25 00.2 19.9	-0.88 - 3.2	1.5/25.4	26602
2004 HZ ₆	2007 11 24.5	03 58.86 +13 00.2 20.3	-0.81 - 2.5	2.2/23.3	14722
1993 FT ₂₇	2007 11 24.5	03 58.87 +26 41.5 20.3	-0.87 - 2.5	1.7/25.6	26548
2005 GL ₁₈₁	2007 11 24.5	03 58.88 +19 39.6 20.1	-0.99 - 1.7	0.3/24.5	26745
2004 FC ₁₄₈	2007 11 24.5	03 58.89 +41 56.5 19.6	-1.05 - 1.0	5.9/28.1	11050
2001 DU ₃₇	2007 11 24.5	03 58.90 +24 05.6 18.8	-1.07 - 1.7	1.7/25.1	24325
2006 HV ₇	2007 11 24.6	03 58.84 +36 25.0 18.6	-2.03 +12.5	8.2/24.5	26760
1997 HJ ₁₄	2007 11 24.6	03 58.88 +17 44.9 19.8	-0.99 - 3.8	1.0/24.1	26551
2006 PN ₁₂	2007 11 24.6	03 58.93 +17 23.0 19.7	-0.74 - 2.4	0.9/24.1	09599
2003 RU ₁₇	2007 11 24.6	03 58.96 +24 01.6 19.6	-1.12 - 5.6	1.4/25.3	00502
2002 PF ₂₈	2007 11 24.6	03 59.00 +32 07.5 18.0	-0.96 - 4.7	5.5/26.9	62393
2004 EM ₆₈	2007 11 24.6	03 59.00 +36 04.4 19.7	-1.00 - 2.3	4.6/27.3	11040
2006 RM ₁₄	2007 11 24.6	03 59.04 +02 27.6 20.1	-0.77 - 5.5	5.9/20.9	26190
2006 OP ₁₁	2007 11 24.6	03 59.05 +12 31.9 20.5	-0.94 - 1.1	2.6/23.5	11175
2000 EN ₁₇₂	2007 11 24.6	03 59.07 +24 15.4 18.7	-1.70 +13.1	1.7/24.6	22668
2001 SX ₈₃	2007 11 24.6	03 59.14 +26 14.1 20.2	-0.93 - 2.8	1.8/25.6	10793
2003 SY ₇₅	2007 11 24.6	03 59.26 +12 01.0 20.4	-1.06 - 3.5	3.2/23.3	26668
2003 QH ₃₈	2007 11 24.6	03 59.27 +31 21.5 20.2	-1.20 - 4.2	4.8/26.6	53750
2005 EU ₅₃	2007 11 24.6	03 59.30 +15 54.6 19.4	-1.04 - 2.9	1.9/24.0	87653
2002 CS ₁₃₄	2007 11 24.6	03 59.34 +13 50.2 20.4	-1.04 - 3.4	2.3/23.6	10858
2003 YV ₁₁	2007 11 24.7	03 59.26 +34 40.4 18.2	-1.14 - 0.9	6.2/26.7	00689
2001 UT ₁₉₄	2007 11 24.7	03 59.30 +20 55.4 20.4	-0.84 - 2.3	0.1/24.8	89036
2006 QX ₉₁	2007 11 24.7	03 59.31 +28 50.8 20.5	-0.92 - 4.1	2.6/26.3	22821
2000 EN ₅₆	2007 11 24.7	03 59.32 -00 14.5 20.3	-0.88 - 3.8	6.5/20.8	10730
2001 UG ₂₁₁	2007 11 24.7	03 59.33 +14 56.2 19.9	-0.83 - 4.7	1.7/23.7	61184
2006 HG ₂₆	2007 11 24.7	03 59.37 +24 23.2 18.7	-1.23 + 2.4	1.5/25.1	26761
2001 QX ₂₆₇	2007 11 24.7	03 59.37 +07 36.2 18.8	-0.80 - 4.2	5.0/22.3	26595
2001 BN ₄₁	2007 11 24.7	03 59.39 +12 53.7 19.2	-1.10 - 1.0	3.4/23.7	26586
2002 GM ₁₈₁	2007 11 24.7	03 59.41 +12 40.6 21.4	-1.03 - 2.3	2.7/23.6	03316
2002 TN ₁₂₃	2007 11 24.7	03 59.42 +28 58.3 18.3	-0.94 - 5.8	3.7/26.4	61427
2003 XM ₁₉	2007 11 24.7	03 59.43 +35 21.4 17.9	-1.23 + 7.1	7.6/25.5	25974
2003 CE ₁	2007 11 24.7	03 59.46 -30 39.2 18.7	-1.07 + 5.1	26.1/19.7	02144
2001 FF ₈₉	2007 11 24.7	03 59.46 +23 43.4 19.6	-1.07 - 2.7	1.3/25.2	27193
2003 XM ₂	2007 11 24.7	03 59.48 +15 30.2 18.3	-0.90 - 3.8	2.5/23.9	26696
2007 PQ ₃₃	2007 11 24.7	03 59.49 -00 20.4 18.2	-0.85 - 3.7	9.6/21.0	26326
1999 TG ₄₃	2007 11 24.7	03 59.51 +22 22.7 19.3	-1.01 - 3.0	0.9/25.0	10706
2003 AX ₁₂	2007 11 24.7	03 59.53 -16 40.4 19.1	-0.87 + 1.7	10.8/19.1	85826
2004 AL ₉	2007 11 24.7	03 59.54 +09 31.0 19.6	-0.89 - 5.2	4.2/22.6	77766
2005 GZ ₁₆₄	2007 11 24.7	03 59.55 +11 11.0 18.1	-0.85 - 9.4	4.2/22.6	26745
2006 HW ₄₃	2007 11 24.7	03 59.56 +22 49.3 19.2	-1.22 - 2.5	1.0/25.1	26761

2004 DQ ₄₆	2007 11 24.7	03 59.57 +17 51.2 21.6	-0.81 - 3.1	0.7/24.3	14088	2002 EV ₉₁	2007 11 24.9	04 00.37 +21 06.3 20.1	-1.12 - 1.9	0.2/25.0	24352
2002 GD ₁₇	2007 11 24.7	03 59.62 +19 45.0 19.7	-1.10 - 1.9	0.3/24.7	26617	2005 EC ₆₉	2007 11 24.9	04 00.37 +15 21.5 19.1	-1.06 - 4.2	2.4/24.1	76826
2004 FD ₃₈	2007 11 24.7	03 59.63 +14 30.8 19.8	-0.82 - 2.1	1.8/23.8	11044	2006 KZ ₆₁	2007 11 24.9	04 00.44 +10 09.7 19.4	-0.98 - 1.5	4.7/23.5	26769
2005 JK ₁₁₄	2007 11 24.7	03 59.68 +32 26.8 24.1	-1.02 - 0.5	3.4/26.5	11101	2003 UD ₂₄₉	2007 11 24.9	04 00.44 +27 06.1 19.9	-1.13 - 2.6	2.6/26.0	76157
2005 EM ₂₄₈	2007 11 24.7	03 59.70 +22 30.7 19.9	-1.08 - 2.3	0.9/25.1	95661	2005 EP ₁₀	2007 11 24.9	04 00.45 +22 08.6 20.0	-1.02 - 3.2	0.5/25.2	26729
2000 DJ ₇₀	2007 11 24.7	03 59.71 +42 04.5 18.4	-1.23 - 0.5	8.8/28.1	62277	2001 KS ₅₀	2007 11 24.9	04 00.48 +11 10.5 21.4	-0.97 + 0.4	2.8/23.8	74988
2001 DD ₈₉	2007 11 24.7	03 59.73 +24 56.8 19.7	-1.08 - 2.1	1.6/25.4	22683	2004 HM ₆₃	2007 11 24.9	04 00.52 -12 17.6 20.1	-0.80 - 0.4	9.4/19.4	65779
2003 UW ₃₁₉	2007 11 24.7	03 59.73 +13 47.1 20.4	-1.04 - 3.4	2.7/23.7	22463	2005 EK ₁₁	2007 11 24.9	04 00.52 +12 35.2 19.4	-1.08 - 0.8	3.6/23.9	26729
2005 GD ₁₆₃	2007 11 24.7	03 59.74 +13 39.6 20.3	-0.95 - 2.2	2.5/23.7	77159	2003 YQ ₁₃₅	2007 11 24.9	04 00.54 -06 06.6 20.9	-0.78 - 0.6	6.3/20.7	87603
2006 KO ₄₂	2007 11 24.7	03 59.76 +20 24.5 19.9	-1.14 - 2.1	0.1/24.8	24496	2003 OU ₁₇	2007 11 24.9	04 00.61 +21 54.0 20.7	-1.20 - 1.7	0.5/25.2	04257
1998 WX ₃₅	2007 11 24.7	03 59.79 +25 33.6 17.9	-1.18 + 4.0	2.2/25.2	25791	2002 PZ ₆₂	2007 11 24.9	04 00.62 +15 12.4 19.8	-0.99 - 2.1	1.8/24.2	77616
2004 CR ₈₂	2007 11 24.8	03 59.68 +11 25.8 20.4	-0.93 - 3.2	3.5/23.3	76422	2000 RN ₁₅	2007 11 24.9	04 00.64 +20 32.1 19.2	-1.14 - 5.7	0.0/25.0	26574
2005 EL ₄₄	2007 11 24.8	03 59.74 +25 15.7 19.1	-1.13 - 2.6	2.1/25.5	22787	2006 PS ₉	2007 11 25.0	04 00.54 +27 45.8 21.1	-1.01 - 2.7	2.1/26.2	09597
2007 RB ₁₇₆	2007 11 24.8	03 59.78 +07 35.7 18.5	-0.76 - 8.2	5.5/21.9	26459	2005 JV ₁₃	2007 11 25.0	04 00.56 +33 19.9 20.5	-1.02 - 2.8	3.7/27.2	04331
1993 PB ₂	2007 11 24.8	03 59.79 +31 31.8 19.8	-1.24 - 4.5	4.4/26.7	73923	2003 YK ₂₁	2007 11 25.0	04 00.59 +26 35.1 19.1	-1.03 - 3.6	2.4/26.0	11009
2006 HE ₆₇	2007 11 24.8	03 59.79 +16 24.5 21.4	-1.06 - 4.0	1.6/24.1	01686	2005 KC ₆	2007 11 25.0	04 00.64 +19 41.4 20.4	-1.04 - 2.8	0.3/24.9	04336
2000 AY ₂₄	2007 11 24.8	03 59.80 +23 06.0 19.2	-1.03 - 3.7	0.9/25.2	26565	2001 UG ₉₆	2007 11 25.0	04 00.66 +21 49.0 18.9	-0.89 - 1.8	0.4/25.2	24337
2001 EL ₅	2007 11 24.8	03 59.81 +15 55.0 19.6	-1.03 - 1.7	1.7/24.1	04147	2001 XQ ₁₂₉	2007 11 25.0	04 00.66 +20 43.9 19.6	-0.84 - 2.8	0.0/25.0	24339
2002 EK ₆₉	2007 11 24.8	03 59.81 +28 19.0 19.4	-1.21 - 2.6	3.1/26.0	72558	2003 SS ₃₂₈	2007 11 25.0	04 00.68 +21 24.7 21.0	-1.13 - 2.4	0.3/25.1	14043
2000 WR ₁₆₆	2007 11 24.8	03 59.82 +16 29.8 19.2	-1.09 - 1.4	1.9/24.3	02020	2005 GZ ₃₂	2007 11 25.0	04 00.71 +30 49.3 20.2	-1.08 - 0.2	3.1/26.4	11091
2003 YQ ₁₁₀	2007 11 24.8	03 59.84 +24 33.4 19.0	-0.99 - 6.3	1.6/25.6	86206	2004 BV ₁₉	2007 11 25.0	04 00.76 +29 00.1 19.1	-1.02 - 2.2	3.8/26.4	69631
2001 TM ₆₂	2007 11 24.8	03 59.84 +31 04.3 19.4	-1.01 - 0.5	3.3/26.4	10807	2002 VY ₂₁	2007 11 25.0	04 00.78 +27 41.1 18.9	-0.99 - 2.1	2.6/26.2	10936
2006 KL ₅₉	2007 11 24.8	03 59.86 +10 28.5 21.0	-1.07 - 0.1	4.1/23.6	26768	2003 PW ₅	2007 11 25.0	04 00.81 +20 20.4 20.2	-1.15 - 4.4	0.1/25.0	26660
2005 JL ₁₄₉	2007 11 24.8	03 59.88 +14 11.4 20.1	-0.89 - 5.4	2.1/23.6	97785	2003 SD ₂₄₀	2007 11 25.0	04 00.84 +23 52.8 19.6	-1.07 - 3.7	1.5/26.0	10987
2005 LB ₁	2007 11 24.8	03 59.89 +15 19.5 19.8	-0.94 - 3.4	1.8/24.0	11104	2003 XO ₃₈	2007 11 25.0	04 00.88 +23 38.0 19.0	-1.10 + 3.0	1.4/25.4	69603
2006 HR ₂₂	2007 11 24.8	03 59.89 +18 57.8 20.5	-1.15 - 1.6	0.7/24.6	26760	2006 PL ₁₀	2007 11 25.0	04 00.90 +25 47.8 20.0	-0.99 - 3.2	1.7/25.9	16346
2002 RC ₂₅₇	2007 11 24.8	03 59.91 +15 36.9 21.9	-0.95 - 2.8	1.5/24.1	08383	2003 QG ₂₄	2007 11 25.0	04 00.95 +12 52.1 18.9	-1.02 - 4.3	3.5/23.8	02154
1995 SF ₁₉	2007 11 24.8	03 59.96 +24 45.2 19.8	-0.90 - 1.8	1.4/25.5	04107	2003 SQ ₂₃₃	2007 11 25.0	04 00.96 +15 44.6 19.1	-1.11 - 1.6	2.1/24.4	02172
2002 KM ₈	2007 11 24.8	03 59.98 +10 44.4 21.4	-1.04 - 0.9	3.1/23.5	34010	2005 GO ₂	2007 11 25.0	04 00.97 +21 58.6 19.7	-1.13 - 1.2	0.5/25.3	77035
2000 WA ₁₃₆	2007 11 24.8	03 59.99 +13 10.1 18.2	-1.04 - 1.5	3.6/23.8	26583	2003 SS ₂₆	2007 11 25.0	04 01.00 +25 39.2 19.7	-1.16 - 2.3	2.2/26.0	02162
2003 SP ₂₀₆	2007 11 24.8	04 00.02 +32 15.1 19.8	-1.18 - 1.5	5.3/26.6	75991	2006 TH ₂	2007 11 25.0	04 01.00 +23 10.9 19.9	-0.86 - 3.1	0.8/25.5	26773
2000 DF ₅₄	2007 11 24.8	04 00.02 +00 14.8 19.2	-0.87 - 3.3	7.1/21.4	26568	2001 DX ₉₅	2007 11 25.0	04 01.02 +22 00.1 19.6	-1.12 - 1.1	0.6/25.3	26588
2001 SX ₂₀₄	2007 11 24.8	04 00.06 +07 41.1 20.0	-0.82 - 3.1	4.0/22.6	26599	2003 VG ₇	2007 11 25.0	04 01.06 +22 20.6 20.2	-1.07 - 2.2	0.7/25.4	76182
2005 AU ₇	2007 11 24.8	04 00.07 +14 05.9 19.1	-1.13 + 1.1	3.2/24.1	26721	2001 RU ₈₉	2007 11 25.1	04 00.97 +30 46.7 19.4	-0.99 - 0.9	3.2/26.6	10788
2005 GY ₈₃	2007 11 24.8	04 00.10 +18 21.0 19.5	-1.07 - 5.4	1.0/24.5	77866	1999 XE ₉₄	2007 11 25.1	04 01.00 +01 29.4 18.9	-1.03 + 1.4	6.8/22.7	26563
2005 GS ₂₃	2007 11 24.8	04 00.11 +27 08.1 20.1	-1.10 + 0.8	2.1/25.7	04325	2005 JR ₆₆	2007 11 25.1	04 01.03 +31 58.1 19.5	-1.18 + 1.3	3.9/26.4	77889
2006 MF ₂	2007 11 24.8	04 00.16 +08 32.7 20.1	-1.03 - 2.3	5.0/23.1	22820	2003 SY ₂₅₇	2007 11 25.1	04 01.04 +20 52.2 18.9	-1.10 - 0.8	0.1/25.1	02173
2006 LQ ₄	2007 11 24.8	04 00.20 +07 32.3 21.3	-1.06 - 1.7	4.7/23.1	03935	2005 GF ₁₀	2007 11 25.1	04 01.05 +08 11.0 20.9	-0.79 - 2.6	3.3/23.1	26741
2005 AN ₂₄	2007 11 24.9	04 00.12 +51 08.8 20.5	-1.50 - 5.7	10.3/01.3	87644	2004 HU ₆₆	2007 11 25.1	04 01.06 +27 25.5 20.8	-0.99 - 0.1	2.3/26.0	69723
2003 BD ₁₀	2007 11 24.9	04 00.14 +09 41.2 20.3	-0.85 - 2.7	4.0/23.0	14463	2006 QX ₄₄	2007 11 25.1	04 01.07 +33 50.0 20.1	-0.95 - 2.4	4.0/27.4	09666
2002 WO ₅	2007 11 24.9	04 00.21 -08 50.8 18.5	-0.84 - 0.5	11.0/20.7	26652	2003 AO ₅₆	2007 11 25.1	04 01.08 +40 52.8 19.8	-1.03 - 3.4	6.4/29.0	04248
2002 NM ₁₈	2007 11 24.9	04 00.23 +05 19.2 19.2	-0.96 - 1.2	6.0/22.9	18015	2005 EO ₁₆₁	2007 11 25.1	04 01.11 +21 06.1 21.1	-0.87 - 1.9	0.1/25.2	11085
2005 GH ₇₉	2007 11 24.9	04 00.23 +03 18.3 19.1	-1.00 + 1.7	6.2/22.9	77112	2005 GX ₁	2007 11 25.1	04 01.17 +28 00.3 20.8	-1.10 - 0.7	2.6/26.1	77856
2003 WF ₁₄	2007 11 24.9	04 00.28 +19 54.0 20.9	-1.03 - 3.6	0.2/24.8	22763	2003 RX ₆	2007 11 25.1	04 01.18 +26 59.7 21.0	-1.19 - 3.3	2.4/26.1	10982
2001 SN ₁₁₃	2007 11 24.9	04 00.29 +06 56.2 20.5	-0.82 - 4.5	4.2/22.5	26598	2003 YX ₈₅	2007 11 25.1	04 01.18 +14 07.6 18.5	-0.95 - 3.8	3.1/24.0	26700
2005 AV ₁₃	2007 11 24.9	04 00.31 +14 13.3 18.3	-1.16 + 1.1	3.0/24.2	02237	2006 JE ₄₈	2007 11 25.1	04 01.20 +20 26.5 19.1	-1.11 - 6.2	0.1/25.1	26766
2002 XB ₈₉	2007 11 24.9	04 00.32 -01 11.9 19.8	-0.93 + 2.6	6.3/22.4	65404	2001 UX ₂₁₃	2007 11 25.1	04 01.21 +09 51.2 20.1	-0.79 - 4.9	3.5/23.1	68954
2001 QN ₂₅₃	2007 11 24.9	04 00.32 +24 35.6 19.1	-0.95 - 2.0	1.4/25.6	26595	2005 ET ₁₁₅	2007 11 25.1	04 01.21 +15 57.1 19.0	-0.98 - 3.0	1.8/24.4	76880
2005 GZ ₆₈	2007 11 24.9	04 00.32 +22 41.6 20.1	-1.05 - 2.2	0.8/25.3	24469	2004 BH ₁₀₁	2007 11 25.1	04 01.23 +15 21.9 19.7	-0.94 - 2.1	2.0/24.4	04291
2001 DN ₃₁	2007 11 24.9	04 00.37 +18 11.2 18.3	-1.08 - 1.5	1.1/24.6	26587	2006 KR ₆₅	2007 11 25.1	04 01.24 +20 39.4 19.5	-1.20 + 0.7	0.0/25.2	26769
2001 UL ₂₁₄	2007 11 24.9	04 00.37 +15 59.2 19.8	-0.81 - 2.8	1.3/24.2	10825	2003 AH ₂₅	2007 11 25.1	04 01.30 +06 31.1 19.4	-0.90 + 0.9	4.7/23.4	66301