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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)

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Timothy B. Spahr, Director

Gareth V. Williams, Associate Director

Brian G. Marsden, Director Emeritus

Syuichi Nakano and Andreas Doppler, Associates

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ERRATUM

MPC Line
66630 -36

The entry 1999 YJ₂₈ = (212052) should be deleted.

NEW OBSERVATORY CODES

The following listing is a continuation to that on MPC 67087. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
C04	37.6331	0.65998	+0.74878	Kramatorsk
C05	12.1153	0.68023	+0.73088	Konigsleiten
C06	92.9744	0.56032	+0.82553	Krasnoyarsk
C07	0.7442	0.74413	+0.66597	Anysllum Observatory, Ager
G55	241.09533	0.816361	+0.575651	Bakersfield
H13	248.25212	0.840489	+0.540134	Lenomiya Observatory, Casa Grande
I16	291.82028	0.921638	-0.387715	IAA-AI Atacama, San Pedro de Atacama
I99	356.4732	0.76324	+0.64410	Observatorio Blanquita, Vaciamadrid
J00	359.5056	0.76880	+0.63744	Segorbe
J01	354.28450	0.739938	+0.670609	Observatorio Cielo Profundo, Oviedo
J02	359.5550	0.78391	+0.61884	Busot

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2004 XQ ₁₆	2009 10 15.25360	02 07 37.91	-00 05 19.1	MPS298304	H06	
2004 XQ ₁₆	2009 10 15.26782	02 07 37.16	-00 05 22.1	MPS298304	H06	
2004 XQ ₁₆	2009 10 15.28211	02 07 36.45	-00 05 23.4	MPS298304	H06	
2005 EU ₂₈₆	2005 03 17.35814	10 35 57.64	+03 26 28.0	MPS130300	703	
2005 EU ₂₈₆	2005 03 17.36683	10 35 57.08	+03 26 31.9	MPS130300	703	
2005 EU ₂₈₆	2005 03 17.37741	10 35 56.73	+03 26 33.9	MPS130300	703	
2005 EU ₂₈₆	2005 03 17.38613	10 35 56.36	+03 26 37.4	MPS130300	703	
2006 AU ₅₈	2009 10 20.21489	00 57 59.15	+00 36 55.8	MPS299418	704	

2006 AU ₅₈	2009 10 20.24150	00 57 57.75	+00 36 50.8	MPS299418	704
2006 AU ₅₈	2009 10 20.26824	00 57 56.49	+00 36 43.7	MPS299418	704
2006 BB ₅₂	2009 10 13.02193	02 43 45.31	+21 58 48.4	MPS298345	J75
2006 BB ₅₂	2009 10 13.03429	02 43 44.83	+21 58 46.3	MPS298345	J75
2006 BB ₅₂	2009 10 13.04662	02 43 44.28	+21 58 45.1	MPS298345	J75
2006 XO ₂₉	2006 12 14.28194	05 11 31.12	+18 34 15.9	MPS192628	G96
2006 XO ₂₉	2006 12 14.28771	05 11 30.73	+18 34 16.0	MPS192628	G96
2009 SK ₁	2009 09 25.72978	03 48 47.32	-03 42 05.4	MPS297039	D21
2009 SK ₁	2009 09 25.73497	03 48 47.30	-03 42 17.3	MPS297039	D21
2009 SK ₁	2009 09 25.74016	03 48 47.32	-03 42 29.5	MPS297039	D21
2009 SB ₁₇	2009 09 19.53245	23 48 14.35	+15 21 44.5	MPS296029	D29
2009 SB ₁₇	2009 09 19.54420	23 48 13.86	+15 21 32.4	MPS296029	D29
2009 SB ₁₇	2009 09 19.55750	23 48 13.33	+15 21 19.9	MPS296029	D29
2009 SB ₁₇	2009 09 19.57025	23 48 12.82	+15 21 07.6	MPS296029	D29
(99942)	2005 07 09.176002	10 34 38.146	+16 12 41.66	MPS138787	695
(99942)	2005 07 09.180807	10 34 38.304	+16 12 43.26	MPS138787	695
(99942)	2005 07 10.175543	10 35 10.884	+16 18 25.90	MPS138787	695
(99942)	2005 07 10.178192	10 35 10.968	+16 18 26.64	MPS138787	695
(99942)	2005 07 11.169727	10 35 36.697	+16 24 46.74	MPS138787	695
(99942)	2005 09 04.635194	08 25 00.078	+22 18 13.35	MPS141541	568
(99942)	2005 09 04.636270	08 25 00.069	+22 18 12.53	MPS141541	568
(99942)	2005 12 31.645976	12 46 28.414	-11 49 32.86	MPS160145	568
(99942)	2005 12 31.647131	12 46 28.591	-11 49 34.13	MPS160145	568
(99942)	2005 12 31.648002	12 46 28.712	-11 49 35.01	MPS160145	568
(99942)	2006 05 01.627369	22 43 36.571	-01 20 45.97	MPS171855	568
(99942)	2006 05 01.628218	22 43 36.861	-01 20 43.85	MPS171855	568
(99942)	2006 06 01.606812	01 12 41.493	+14 14 32.09	MPS173503	568
(99942)	2006 06 01.608688	01 12 41.943	+14 14 34.40	MPS173503	568
(99942)	2006 06 02.599359	01 16 48.740	+14 34 20.37	MPS173790	568
(99942)	2006 06 02.600781	01 16 49.093	+14 34 22.03	MPS173790	568
(99942)	2006 06 02.602242	01 16 49.456	+14 34 23.83	MPS173790	568
(99942)	2006 07 27.612541	05 06 37.957	+23 53 27.77	MPS175378	568
(99942)	2006 07 27.614473	05 06 38.465	+23 53 27.88	MPS175378	568
(99942)	2006 08 15.618521	06 26 52.404	+22 57 47.72	MPS178043	568
(99942)	2006 08 15.622332	06 26 53.345	+22 57 46.21	MPS178043	568
(99942)	2006 08 16.624419	06 31 00.626	+22 51 13.73	MPS178043	568
(99942)	2006 08 16.626954	06 31 01.254	+22 51 12.76	MPS178043	568

(99942)	2004 06 19.17486	09 44 30.584+13 18 46.78	<i>MPC</i> 54280	695
(99942)	2004 06 19.17968	09 44 31.494+13 18 43.09	<i>MPC</i> 54280	695
(99942)	2004 06 20.15951	09 47 41.080+13 05 24.97	<i>MPC</i> 53585	695
(99942)	2004 06 20.16432	09 47 42.018+13 05 20.99	<i>MPC</i> 53585	695
(99942)	2004 06 20.16906	09 47 42.902+13 05 16.70	<i>MPC</i> 53585	695

IDENTIFICATION CHANGES

Continuation to *MPC* 67087.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1995 OT ₁₈	* 1995 07 28.35199	23 02 32.00	-01 08 41.0	1995 OF ₁₇	21.3 V	691	
1995 OT ₁₈	1995 07 28.35626	23 02 31.91	-01 08 40.7	1995 OF ₁₇	21.6 V	691	
1995 OT ₁₈	1995 07 28.35996	23 02 31.81	-01 08 40.4	1995 OF ₁₇	21.4 V	691	
1998 SC ₁₇₇	* 1998 09 30.29389	02 18 16.16	+15 02 46.0	1996 AO ₁₄	20.8 V	691	
1998 SC ₁₇₇	1998 09 30.31546	02 18 15.40	+15 02 41.7	1996 AO ₁₄	20.9 V	691	
1998 SC ₁₇₇	1998 09 30.33704	02 18 14.59	+15 02 35.7	1996 AO ₁₄	21.0 V	691	
2000 CB ₁₅₀	* 2000 02 07.36913	09 49 27.55	+14 52 29.2	2000 BR ₄₆	21.3 V	691	
2000 CB ₁₅₀	2000 02 07.39081	09 49 26.51	+14 52 36.6	2000 BR ₄₆	21.2 V	691	
2000 CB ₁₅₀	2000 02 07.41264	09 49 25.47	+14 52 44.3	2000 BR ₄₆	21.0 V	691	
2000 CC ₁₅₀	* 2000 02 03.23856	07 57 00.58	+29 47 08.9	2000 BU ₂₃	19.6	704	
2000 CC ₁₅₀	2000 02 03.25324	07 56 59.60	+29 47 13.7	2000 BU ₂₃	19.0	704	
2000 CC ₁₅₀	2000 02 03.26786	07 56 58.71	+29 47 18.6	2000 BU ₂₃	19.0	704	
2000 CC ₁₅₀	2000 02 03.28249	07 56 57.85	+29 47 22.2	2000 BU ₂₃	19.2	704	
2003 AW ₉₄	* 2003 01 04.25069	06 08 28.18	+23 26 05.2	2002 YX ₂₁	20.3	704	
2003 AW ₉₄	2003 01 04.26521	06 08 27.22	+23 26 08.9	2002 YX ₂₁	19.9	704	
2003 AW ₉₄	2003 01 04.29447	06 08 25.45	+23 26 17.0	2002 YX ₂₁	19.8	704	
2003 UY ₄₁₆	* 2003 10 23.191980	23 24 29.402	+00 04 22.07	2003 UQ ₃₃₂	21.43V	645	
2003 UY ₄₁₆	2003 10 23.195452	23 24 29.317	+00 04 21.58	2003 UQ ₃₃₂	22.32	645	
2003 WC ₁₉₅	* 2003 11 21.14863	00 53 25.50	+07 10 55.6	2000 DO ₂₆	22.5 R	695	
2003 WC ₁₉₅	2003 11 21.19689	00 53 24.80	+07 10 50.1	2000 DO ₂₆		695	
2005 AV ₈₂	* 2005 01 13.95493	06 10 24.70	+14 29 43.9	2002 PE ₄	20.1 R	147	
2005 AV ₈₂	2005 01 13.96639	06 10 24.46	+14 29 44.4	2002 PE ₄	19.6 R	147	
2005 FL ₁₄	* 2005 03 16.28024	10 19 46.50	+13 14 03.0	2005 EX ₂₂₉	21.1 R	G96	
2005 FL ₁₄	2005 03 16.28560	10 19 46.24	+13 14 06.0	2005 EX ₂₂₉	20.3 R	G96	
2005 FL ₁₄	2005 03 16.29093	10 19 46.08	+13 14 07.9	2005 EX ₂₂₉	20.0 R	G96	
2005 FL ₁₄	2005 03 16.29624	10 19 45.84	+13 14 10.0	2005 EX ₂₂₉	21.0 R	G96	
2005 NR ₁₂₅	* 2005 07 12.32801	21 29 42.44	-14 35 26.9	2005 NE ₈₇	21.6 V	291	
2005 NR ₁₂₅	2005 07 12.33405	21 29 42.22	-14 35 29.2	2005 NE ₈₇	22.1 V	291	
2005 NR ₁₂₅	2005 07 12.33985	21 29 42.00	-14 35 29.8	2005 NE ₈₇	22.1 V	291	
2005 OT ₃₁	* 2005 07 27.90663	18 40 09.51	+10 34 20.0	2004 DB ₂₅	18.2	160	
2005 OT ₃₁	2005 07 27.91017	18 40 08.97	+10 34 07.0	2004 DB ₂₅	18.4	160	
2005 TQ ₁₉₆	* 2005 10 07.48502	07 50 17.95	+17 43 22.5	2004 SE ₃	20.9 V	G96	
2005 TQ ₁₉₆	2005 10 07.48590	07 50 18.02	+17 43 22.5	2004 SE ₃	21.2 V	G96	
2005 TQ ₁₉₆	2005 10 07.48678	07 50 18.13	+17 43 22.1	2004 SE ₃	21.3 V	G96	
2005 TQ ₁₉₆	2005 10 07.48766	07 50 18.24	+17 43 21.6	2004 SE ₃	21.9 V	G96	
2005 VH ₁₃₆	* 2005 11 03.36768	04 36 37.74	+23 03 56.2	2005 UT ₄₅₉	21.0 V	691	
2005 VH ₁₃₆	2005 11 03.38520	04 36 36.97	+23 03 53.3	2005 UT ₄₅₉	21.7 V	691	
2005 VH ₁₃₆	2005 11 03.40272	04 36 36.24	+23 03 51.1	2005 UT ₄₅₉	21.5 V	691	
2005 YG ₂₉₂	* 2005 12 29.27398	05 43 08.08	+32 03 22.5	2003 EM ₄	19.6	704	
2005 YG ₂₉₂	2005 12 29.28723	05 43 07.15	+32 03 18.8	2003 EM ₄	19.6	704	
2005 YG ₂₉₂	2005 12 29.30041	05 43 06.35	+32 03 16.8	2003 EM ₄	19.7	704	
2005 YG ₂₉₂	2005 12 29.31381	05 43 05.55	+32 03 13.8	2003 EM ₄	19.8	704	

2006 AL ₁₀₆	* 2006 01 05.21323	03 42 03.13	+19 18 28.4	2005 YQ ₂₇₇	20.7 V	G96
2006 AL ₁₀₆	2006 01 05.22125	03 42 03.02	+19 18 29.3	2005 YQ ₂₇₇	21.1 V	G96
2006 AL ₁₀₆	2006 01 05.22926	03 42 02.84	+19 18 30.3	2005 YQ ₂₇₇	22.0 V	G96
2006 AL ₁₀₆	2006 01 05.23729	03 42 02.66	+19 18 30.6	2005 YQ ₂₇₇	20.8 V	G96
2006 BJ ₂₈₄	* 2006 01 31.24771	07 26 49.27	+17 15 31.3	2006 AT ₄₅	21.4 V	G96
2006 BJ ₂₈₄	2006 01 31.25565	07 26 48.87	+17 15 32.4	2006 AT ₄₅	21.4 V	G96
2006 BJ ₂₈₄	2006 01 31.26362	07 26 48.51	+17 15 33.8	2006 AT ₄₅	21.4 V	G96
2006 BJ ₂₈₄	2006 01 31.27159	07 26 48.08	+17 15 34.6	2006 AT ₄₅	21.1 V	G96
2006 DE ₂₁₈	* 2006 02 24.22639	11 09 30.52	+08 56 52.3	2006 CY ₆₆	21.7 V	691
2006 DE ₂₁₈	2006 02 24.24378	11 09 29.70	+08 56 59.0	2006 CY ₆₆	21.3 V	691
2006 DE ₂₁₈	2006 02 24.26117	11 09 28.87	+08 57 06.6	2006 CY ₆₆	21.5 V	691
2006 ET ₇₄	* 2006 03 04.27818	11 03 10.69	+09 50 52.2	2006 CY ₆₆	20.8 V	G96
2006 ET ₇₄	2006 03 04.28784	11 03 10.18	+09 50 56.2	2006 CY ₆₆	20.8 V	G96
2006 ET ₇₄	2006 03 04.29769	11 03 09.68	+09 50 59.8	2006 CY ₆₆	20.7 V	G96
2006 ET ₇₄	2006 03 04.30727	11 03 09.21	+09 51 03.9	2006 CY ₆₆	20.5 V	G96
2006 SM ₄₁₁	* 2006 09 25.42255	02 50 17.88	+15 26 24.9	2006 UL ₂₆₀	21.7 V	G96
2006 SM ₄₁₁	2006 09 25.42924	02 50 17.73	+15 26 24.0	2006 UL ₂₆₀	21.8 V	G96
2006 SM ₄₁₁	2006 09 25.43605	02 50 17.59	+15 26 23.5	2006 UL ₂₆₀	21.4 V	G96
2006 SM ₄₁₁	2006 09 25.44270	02 50 17.48	+15 26 22.2	2006 UL ₂₆₀	21.5 V	G96
2006 XP ₇₃	* 2006 12 14.27041	05 11 31.81	+18 34 17.1	2006 XO ₂₉	18.5 V	G96
2007 CB ₇₉	* 2007 02 13.25411	08 58 26.90	+16 41 06.3	2007 CH ₃₀	20.8 V	G96
2007 CB ₇₉	2007 02 13.26254	08 58 26.36	+16 41 08.8	2007 CH ₃₀	20.9 V	G96
2007 CB ₇₉	2007 02 13.27101	08 58 25.89	+16 41 11.7	2007 CH ₃₀	20.9 V	G96
2007 CB ₇₉	2007 02 13.27936	08 58 25.35	+16 41 14.4	2007 CH ₃₀	20.9 V	G96
2007 CC ₇₉	* 2007 02 13.25411	08 58 37.02	+16 39 26.3	2007 CT ₃₄	21.1 V	G96
2007 CC ₇₉	2007 02 13.26254	08 58 36.48	+16 39 29.4	2007 CT ₃₄	20.8 V	G96
2007 CC ₇₉	2007 02 13.27101	08 58 36.04	+16 39 31.8	2007 CT ₃₄	21.1 V	G96
2007 CC ₇₉	2007 02 13.27936	08 58 35.54	+16 39 34.7	2007 CT ₃₄	21.1 V	G96
2007 EL ₂₂₂	* 2007 03 13.40317	13 34 27.89	-07 45 01.8	2005 YR ₂₈₀	20.9 V	691
2007 EL ₂₂₂	2007 03 13.42078	13 34 27.48	-07 44 57.0	2005 YR ₂₈₀	21.2 V	691
2007 EL ₂₂₂	2007 03 13.43839	13 34 27.05	-07 44 52.4	2005 YR ₂₈₀	21.0 V	691
2007 FG ₄₉	* 2007 03 26.19875	11 11 40.66	+03 33 25.0	2007 FO ₂₇	21.3 V	G96
2007 FG ₄₉	2007 03 26.20587	11 11 40.38	+03 33 26.9	2007 FO ₂₇	21.2 V	G96
2007 FG ₄₉	2007 03 26.21304	11 11 40.02	+03 33 28.9	2007 FO ₂₇	21.1 V	G96
2007 FG ₄₉	2007 03 26.22016	11 11 39.76	+03 33 31.0	2007 FO ₂₇	22.3 V	G96
2007 FH ₄₉	* 2007 03 19.28039	11 19 21.97	+09 56 05.4	2007 EN ₁₈₄	21.9 V	G96
2007 FH ₄₉	2007 03 19.28640	11 19 21.61	+09 56 07.6	2007 EN ₁₈₄	21.6 V	G96
2007 FH ₄₉	2007 03 19.29240	11 19 21.32	+09 56 09.9	2007 EN ₁₈₄	21.7 V	G96
2007 FH ₄₉	2007 03 19.29853	11 19 21.00	+09 56 11.5	2007 EN ₁₈₄	21.8 V	G96
2008 OA ₂₃	* 2008 07 30.28149	20 44 00.24	-19 04 11.1	2004 TN ₅₇	19.2 V	G96
2008 OA ₂₃	2008 07 30.28598	20 43 59.95	-19 04 12.1	2004 TN ₅₇	19.1 V	G96
2008 OA ₂₃	2008 07 30.29048	20 43 59.77	-19 04 12.8	2004 TN ₅₇	18.8 V	G96
2008 OA ₂₃	2008 07 30.29495	20 43 59.48	-19 04 13.0	2004 TN ₅₇	19.3 V	G96
2008 SR ₂₈₀	* 2008 09 23.34500	01 08 23.10	+05 00 57.2	2008 RZ ₁₀₁	21.2 V	G96
2008 SR ₂₈₀	2008 09 23.35177	01 08 22.77	+05 00 54.3	2008 RZ ₁₀₁	21.2 V	G96
2008 SR ₂₈₀	2008 09 23.35853	01 08 22.45	+05 00 51.5	2008 RZ ₁₀₁	21.1 V	G96
2008 SR ₂₈₀	2008 09 23.36530	01 08 22.16	+05 00 48.7	2008 RZ ₁₀₁	21.4 V	G96
2008 TS ₁₇₆	* 2008 10 09.29096	00 55 46.59	+03 07 22.9	2008 RZ ₁₀₁	20.8 V	G96
2008 TS ₁₇₆	2008 10 09.29633	00 55 46.27	+03 07 20.4	2008 RZ ₁₀₁	21.1 V	G96
2008 TS ₁₇₆	2008 10 09.30153	00 55 46.02	+03 07 18.0	2008 RZ ₁₀₁	20.6 V	G96
2008 TS ₁₇₆	2008 10 09.30678	00 55 45.73	+03 07 16.0	2008 RZ ₁₀₁	20.7 V	G96
2009 DT ₁₃₇	* 2009 02 27.29183	08 14 46.82	+17 52 03.9	2009 DV ₆₇	21.1 V	G96
2009 DT ₁₃₇	2009 02 27.29715	08 14 46.68	+17 52 04.2	2009 DV ₆₇	21.3 V	G96

2009 DT ₁₃₇	2009 02 27.30250	08 14 46.53	+17 52 05.3	2009 DV ₆₇	21.3 V	G96
2009 DT ₁₃₇	2009 02 27.30788	08 14 46.39	+17 52 06.2	2009 DV ₆₇	21.3 V	G96
2009 QY ₅₄	* 2009 08 17.42759	00 31 35.83	+07 22 49.4	2009 SD ₃₃₀	20.6 V	691
2009 QY ₅₄	2009 08 17.44523	00 31 35.59	+07 22 48.9	2009 SD ₃₃₀	20.8 V	691
2009 QY ₅₄	2009 08 17.46285	00 31 35.32	+07 22 48.4	2009 SD ₃₃₀	20.5 V	691
2009 SS ₃₂₆	* 2009 09 19.53490	23 49 08.90	+13 20 57.2	2009 SD ₁₇	18.7 R	D29
2009 SS ₃₂₆	2009 09 19.54775	23 49 08.19	+13 20 55.7	2009 SD ₁₇	18.8 R	D29
2009 SS ₃₂₆	2009 09 19.56039	23 49 07.53	+13 20 54.3	2009 SD ₁₇	19.2 R	D29
2009 SS ₃₂₆	2009 09 19.57365	23 49 06.80	+13 20 52.4	2009 SD ₁₇	19.1 R	D29
2009 SK ₃₃₄	* 2009 09 19.53605	23 42 34.43	+11 17 34.2	2009 SE ₁₇	18.7 R	D29
2009 SK ₃₃₄	2009 09 19.54916	23 42 33.82	+11 17 27.4	2009 SE ₁₇	19.2 R	D29
2009 SK ₃₃₄	2009 09 19.56155	23 42 33.31	+11 17 23.3	2009 SE ₁₇	19.3 R	D29
2009 SK ₃₃₄	2009 09 19.57472	23 42 32.61	+11 17 16.9	2009 SE ₁₇	19.2 R	D29
2009 SO ₃₃₈	* 2009 09 25.32880	00 04 57.93	+00 17 49.3	2009 TQ ₄	20.4 V	G96
2009 SO ₃₃₈	2009 09 25.33654	00 04 57.50	+00 17 44.9	2009 TQ ₄	20.6 V	G96
2009 SO ₃₃₈	2009 09 25.34435	00 04 57.07	+00 17 40.4	2009 TQ ₄	20.4 V	G96
2009 SO ₃₃₈	2009 09 25.35208	00 04 56.64	+00 17 36.0	2009 TQ ₄	20.1 V	G96
2009 SX ₃₃₈	* 2009 09 26.40530	02 09 39.95	+14 13 23.6	2009 SL ₂₀₄	21.4 V	691
2009 SX ₃₃₈	2009 09 26.42295	02 09 39.28	+14 13 21.2	2009 SL ₂₀₄	21.1 V	691
2009 SX ₃₃₈	2009 09 26.44060	02 09 38.78	+14 13 19.2	2009 SL ₂₀₄	21.3 V	691
2009 SY ₃₃₈	* 2009 09 19.29707	01 29 41.46	+10 35 54.0	2009 RA ₄₈		691
2009 SY ₃₃₈	2009 09 19.31474	01 29 40.67	+10 35 54.9	2009 RA ₄₈		691
2009 SY ₃₃₈	2009 09 19.33242	01 29 39.83	+10 35 55.8	2009 RA ₄₈		691
2009 TC ₁₇	* 2009 10 14.21547	01 33 33.44	+08 00 22.1	2009 TF ₆	21.7 V	G96
2009 TC ₁₇	2009 10 14.22170	01 33 33.08	+08 00 19.5	2009 TF ₆	21.4 V	G96
2009 TC ₁₇	2009 10 14.22778	01 33 32.83	+08 00 18.3	2009 TF ₆	21.0 V	G96
2009 TC ₁₇	2009 10 14.23400	01 33 32.50	+08 00 16.0	2009 TF ₆	21.5 V	G96
2009 TH ₃₂	* 2009 10 02.26012	02 16 31.72	+13 32 00.5	2009 SG ₃₂₈	20.3 V	G96
2009 TH ₃₂	2009 10 02.26774	02 16 31.44	+13 31 58.3	2009 SG ₃₂₈	20.7 V	G96
2009 TH ₃₂	2009 10 02.27534	02 16 31.22	+13 31 56.6	2009 SG ₃₂₈	20.6 V	G96
2009 TH ₃₂	2009 10 02.28317	02 16 30.97	+13 31 54.1	2009 SG ₃₂₈	20.2 V	G96
2009 TZ ₃₆	* 2009 10 14.29441	02 53 54.56	+16 47 30.2	2009 TK ₁₄	18.8 V	703
2009 TZ ₃₆	2009 10 14.29501	02 53 54.45	+16 47 29.1	2009 TK ₁₄	18.4 V	703
2009 TZ ₃₆	2009 10 14.30177	02 53 54.13	+16 47 28.4	2009 TK ₁₄	19.0 V	703
2009 TZ ₃₆	2009 10 14.30240	02 53 53.95	+16 47 29.6	2009 TK ₁₄	18.4 V	703
2009 TZ ₃₆	2009 10 14.30904	02 53 53.73	+16 47 29.7	2009 TK ₁₄	18.9 V	703
2009 TZ ₃₆	2009 10 14.30965	02 53 53.62	+16 47 29.0	2009 TK ₁₄	18.9 V	703
2009 TZ ₃₆	2009 10 14.31639	02 53 53.41	+16 47 28.2	2009 TK ₁₄	19.3 V	703
2009 TZ ₃₆	2009 10 14.31701	02 53 53.23	+16 47 27.6	2009 TK ₁₄	18.8 V	703
2009 UZ ₉₂	* 2009 10 21.29514	00 28 56.85	+09 46 47.3	2009 SD ₁₉₂	21.2 V	G96
2009 UZ ₉₂	2009 10 21.30020	00 28 56.64	+09 46 45.4	2009 SD ₁₉₂	21.4 V	G96
2009 UZ ₉₂	2009 10 21.30515	00 28 56.42	+09 46 43.4	2009 SD ₁₉₂	20.9 V	G96
2009 UZ ₉₂	2009 10 21.31018	00 28 56.17	+09 46 41.7	2009 SD ₁₉₂	22.1 V	G96

NUMBERING OF A PERIODIC COMET

Continuation to the list on MPC 67088.

228P/2001 YX₁₂₇ = 2009 U2 (LINEAR)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 071 Rhozen. Observers V. Ivanova, B. Bilkina. Measurers B. Bilkina, G. Apostolovska. 0.50-m $f/3.44$ Schmidt + CCD.
- 102 Zvenigorod. Observer V. Vershinin. Measurer D. Chestnov. 0.25-m $f/4$ Schmidt-Newtonian + CCD.
- 106 Crni Vrh. Observer J. Vales. 0.6-m $f/3.3$ Deltagraph + CCD.
- 114 Engelhardt Observatory, Zelenchukskaya Station. Observers T. Kryachko, S. Korotkiy, B. Satovski. Measurers D. Chestnov, T. Kryachko. 0.08-m $f/7.5$ refractor + CCD, 0.20-m $f/10$ Schmidt-Cassegrain + CCD, 0.30-m $f/7.7$ Ritchey-Chrétien + 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.
- 147 Osservatorio Astronomico di Suno. Observers P. Concari, D. Crespi, A. Fabi, G. Galli, K. Gauzer, S. Minuto, V. Sacco. Measurer S. Foglia. 0.40-m $f/4$ reflector + CCD.
- 160 Castelmartini. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann. Measurer E. Prosperi. 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- 186 Kitab. Observer E. Rahhmatov. Reductions by G. R. Kastel'.
- 188 Majdanak. Observers T. Kryachko, S. Korotkiy, B. Satovski. Measurer D. Chestnov. 0.36-m $f/8$ reflector.
- 204 Schiaparelli Observatory. Observer L. Buzzi. 0.60-m $f/4.64$ reflector + CCD.
- 212 Observatorio La Dehesilla. Observers I. Almendros. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 215 Buchloe. Observer W. Hasubick. 0.44-m $f/4.6$ reflector + CCD.
- 232 Masquefa Observatory. Observer E. Reina. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- 233 San Vito. Observer S. Donati. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 235 CAST Observatory, Talmassons. Observers R. Ligustri, S. Gumenuk. Measurer R. Ligustri. 0.35-m $f/6$ reflector + CCD.
- 249 SOHO. SOHO-LASCO coronagraphs C2. Remeasurements by S. Hicks, reductions by B. G. Marsden.
- 291 LPL/Spacewatch II. Observers J. V. Scotti, T. H. Bressi. 1.8-m $f/2.7$ reflector + CCD.
- 300 Bisei Spaceguard Center-BATTeRS. Observers A. Asami, N. Hashimoto. 1.0-m $f/3.0$ reflector + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 367 Yatsuka. Observer H. Abe. 0.26-m $f/6.0$ reflector + CCD.
- 372 Geisei. Observer T. Seki. 0.60-m $f/3.5$ reflector.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 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.
- 467 Auckland Observatory. Observers G. W. Christie, T. Natusch, H. Ngan. Measurer G. W. Christie. 0.40-m $f/10$ Schmidt-Cassegrain + 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. Observers A. C. Gilmore, P. M. Kilmartin. Measurer P. M. Kilmartin. 1.0-m $f/7.7$ reflector + CCD.

- 480 Cockfield. Observer M. P. Mobberley. 0.36-m $f/7.7$ Schmidt-Cassegrain + CCD.
- 493 Calar Alto. Observers S. Mottola, G. Hahn, U. Carsenty. Measurers G. Hahn, U. Carsenty. 1.23-m reflector + CCD.
- 510 Siegen. Observer H. Bill. 0.12-m $f/7.5$ refractor + CCD.
- 561 Piskéztető Stn. (Konkoly). Observer J. Kelemen. 0.60-m Schmidt + CCD.
- 566 Haleakala-NEAT/GEODSS. Observers R. Bamberg, E. Helin, S. Pravdo, M. Hicks, K. Lawrence, P. Kervin. Measurer R. Matson. 1.0-m $f/2.2$ Ritchey-Chrétien + CCD.
- 583 Odessa-Mayaki. Observers V. Kashuba, Yu. Gorbanev, S. Podlesnyak. Measurer I. Stogneevea. 0.60-m $f/8.0$ Ritchey-Chrétien + CCD.
- 585 Kiev comet station. Observers A. Baransky, Y. Tarasenko, V. Ponomarenko, K. Barinova. Measurer A. Baransky. 0.7-m $f/4$ reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano. Measurers R. J. Bouma, M. Meyer. 1.2-m reflector + CCD.
- 619 Sabadell. Observer R. Casas. 0.5-m $f/4$ reflector + CCD.
- 629 Szeged Observatory. Observers G. Santa, T. Veselenyi, A. G. Garami, F. Kovacs. Measurers G. Santa, K. Sárneczky. 0.40-m $f/3.0$ reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, E. F. Helin, S. Pravdo, M. Hicks, K. Lawrence, R. Thicksten, K. Kuluhiwa. Measurers R. J. Bouma, R. Matson, M. Meyer. 1.2-m Schmidt + CCD.
- 683 Goodricke-Pigott Observatory, Tucson. Observer R. A. Tucker. 0.36-m Schmidt-Cassegrain + CCD.
- 691 Steward Observatory, Kitt Peak. Observer T. H. Bressi. 0.9-m $f/3$ reflector + CCD.
- 703 Catalina Sky Survey. Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs. 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, M. Blythe. Measurer J. Stuart. 1.0-m $f/2.15$ reflector + CCD.
- 808 El Leoncito. Observers H. S. Lepez, J. E. Torres. Measurer H. S. Lepez. 0.5-m $f/7.5$ double astrograph + CCD.
- 820 Tarija. Observer S. Korotkiy. Measurer D. Chestnov. 0.60-m $f/12$ Ritchey-Chrétien + CCD.
- 834 Buenos Aires-AAAA. Observers R. Mackintosh, M. Konishi, R. Mykytyuk. Measurer R. Mackintosh. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 844 Los Molinos. Observers R. Salvo, S. Roland, S. Bruzzzone, G. Tancredi, M. Martinez. Measurers R. Salvo, S. Roland. 0.35-m reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, M. A. Cowan, M. B. Barry, C. M. Allen, J. R. Pippin, F. A. Schmidt, S. D. Harris, K. R. Wakefield, T. D. Moore, W. G. Johnson, P. M. Johnson, C. A. Thaddeus. 0.30-m $f/3$ Schmidt-Cassegrain + CCD, 0.35-m $f/6$ Schmidt-Cassegrain + CCD.
- 854 Sabino Canyon Observatory, Tucson. Observer J. E. McGaha. 0.36-m $f/10.0$ Schmidt-Cassegrain + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.26-m $f/7.0$ reflector + CCD.
- 926 Tenagra II Observatory. Observers P. R. Holvorcem, M. Schwartz. Measurer P. R. Holvorcem. 0.81-m $f/7$ Ritchey-Chrétien + 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.
- 954 Teide Observatory. Observers J. A. Henríquez, J. F. Hernandez, G. Vazquez. Measurers J. M. Aymami, J. Castellano, E. Reina. 0.82-m $f/11$ Cassegrain + CCD.
- 970 Chelmsford. Observer N. James. 0.28-m $f/10$ 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 Mataró. Observer E. Cortès. 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD.
- A13 Observatoire Naef, Marly. Observer P. Kocher. 0.5-m $f/3.3$ Hypergraph + CCD.
- A21 Irmtraut. Observer J. Müller. 0.31-m $f/4.8$ reflector + CCD.
- A58 Observatoire de Chalandray-Canotiers. Observer J. de Vanssay. 0.28-m $f/5.8$ reflector + CCD.
- A71 Stixendorf. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollma, W. Vollmann. Measurer W. Vollmann. 0.20-m $f/2.8$ reflector + CCD.
- A77 Observatoire Chante-Perdrix, Dauban. Observers C. Rinner, F. Kugel. Measurer F. Kugel. 0.5-m $f/3$ reflector + CCD.
- A79 Zvezdno Obshtestvo Observatory, Plana. Observer F. Fratev. 0.35-m $f/3.4$ reflector + CCD.
- A97 Stammersdorf. Observer W. Vollmann. 0.20-m $f/4$ reflector + CCD.
- B01 Taunus Observatory, Frankfurt. Observers S. Karge, R. Kling. 0.6-m $f/3.3$ Cassegrain + CCD.
- B05 Ka-Dar Observatory, Barybino. Observers S. Korotkiy, M. Ereshko. Measurer D. Chestnov. 0.11-m $f/7.7$ refractor + CCD, 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- B15 Inastars Observatory, Potsdam (since 2006). Observer B. Thinius. 0.36-m $f/5.8$ Schmidt-Cassegrain + CCD.
- B16 1st Moscow Gymnasium Observatory, Lipki. Observer S. Korotkiy. Measurer D. Chestnov. 0.41-m $f/10$ Schmidt-Cassegrain + CCD.
- B28 Mandi Observatory, Pagnacco. Observer P. Corelli. 0.45-m $f/4.5$ reflector + CCD.
- B33 Libbiano Observatory, Peccioli. Observers P. Bacci, R. Emilio, R. Enzo, F. Biaci. Measurer P. Bacci. 0.5-m $f/8$ Ritchey-Chrétien + CCD.
- B37 Obs. de L' Ametlla del Valles, Barcelona. Observers A. Garrigos S., T. Garrigos S., C. Garrigos S. Measurer A. Garrigos S. 0.51-m $f/4$ Newtonian reflector + CCD.
- B42 Vitebsk. Observer V. Nevski. 0.3-m $f/5.0$ reflector + CCD.
- B49 Paus Observatory, Sabadell. Observer J. Camarasa. 0.25-m $f/4$ Newtonian reflector + CCD.
- B50 Corner Observatory, Durmersheim. Observer J. Linder. 0.20-m $f/9.4$ Schmidt-Cassegrain + CCD.
- B70 Sant Celoni. Observer L. Montoro. 0.20-m $f/5$ Schmidt-Cassegrain + CCD.
- B74 Santa Maria de Montmagastrell. Observer J. M. Bosch. 0.31-m $f/4.9$ Newtonian reflector + CCD.
- B75 Stazione Astronomica Betelgeuse, Magnago. Observer M. Martignoni. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.

- B81 Caimari. Observers M. Esteban, P. Salom. 0.25-m $f/3$ Schmidt-Cassegrain + CCD.
- B83 Gières. Observer T. Noel. 0.20-m $f/5.0$ reflector + CCD.
- B84 Cyclops Observatory, Oostkapelle. Observer N. Jobse. 0.30-m $f/3.8$ reflector + CCD.
- B86 Sternwarte Hagen. Observers S. Certa, M. Klein. 0.50-m $f/3.0$ Delatograph + CCD.
- B94 Petrozavodsk. Observers A. Novichonok, A. Smirnov, S. Niskanen, E. Evdokimova, S. Evdokimova, A. Mezentsev, V. Agletdinov, A. Korolkov, D. Kirienko. Measurers A. Novichonok, A. Smirnov, E. Evdokimova, D. Kirienko. 0.25-m $f/8.0$ Ritchey-Chrétien + CCD.
- B96 Brixii Observatory, Kruikebe. Observer E. Bryssinck. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- B99 Santa Coloma de Gramenet. Observer C. González. 0.20-m $f/9$ Cassegrain + CCD.
- D25 Tzec Maun Observatory, Pingelly. Observers D. Chestnov, A. Novichonok, D. Mendicini, A. Smirnov, K. Dankov, J. Linder. 0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD.
- D29 Purple Mountain Observatory, XuYi Station. Observers H. B. Zhao, J. S. Yao, G. T. Zhaori, M. Wang, R. Q. Hong, L. F. Hu. Measurers H. B. Zhao, H. Lu, G. T. Zhaori, Y. Xia. 1.04-m $f/1.8$ Schmidt + CCD.
- D32 JiangNanTianChi Observatory, Mt. Getianling. Observer T. Chen. 0.30-m $f/5$ Newtonian reflector + CCD.
- D81 Nagano. Observer Y. Ohshima. 0.3-m $f/4.5$ reflector + CCD.
- D90 RAS Observatory, Moorook. Observers E. Bryssinck, H. Sato. 0.14-m $f/7$ refractor + CCD, 0.4-m $f/3.8$ astrograph + CCD.
- D95 Kurihara. Observer T. Takahashi. 0.08-m $f/6.6$ refractor + CCD, 0.15-m $f/6.7$ refractor + CCD.
- E12 Siding Spring Survey. Observers R. H. McNaught, G. J. Garradd. 0.5-m Uppsala Schmidt + CCD.
- E16 Grove Creek Observatory, Trunkay. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann. Measurers P. Camilleri, G. Sostero, E. Guido. 0.35-m $f/6$ reflector + CCD, 0.35-m $f/7$ reflector + CCD.
- E85 Farm Cove. Observer J. McCormick. 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- E94 Possum Observatory, Gisborne. Observer J. Drummond. 0.41-m $f/5.2$ reflector + CCD.
- F65 Haleakala-Faulkes Telescope North. Observer R. Miles. 2.0-m $f/10.0$ Ritchey-Chrétien + CCD.
- G92 Jarnac Observatory, Vail. Observers D. Levy, W. Levy, T. Glinos. 0.64-m $f/7.2$ Ritchey-Chrétien + CCD.
- G96 Mt. Lemmon Survey. Observers A. Boattini, R. E. Hill, A. D. Grauer. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 1.5-m reflector + CCD.
- H01 Magdalena Ridge Observatory, Socorro. Observers W. H. Ryan, E. V. Ryan. Measurer W. H. Ryan. 2.4-m $f/8.9$ reflector + CCD.
- H06 RAS Observatory, Mayhill. Observers H. Sato, E. Bryssinck, E. Guido, G. Sostero, T. Yusa, M. Suzuki, B. Häusler. 0.25-m $f/3.4$ hyperbolic astrograph + CCD, 0.30-m $f/11.9$ reflector + CCD.
- H10 Tzec Maun Observatory, Mayhill. Observers S. Plaksa, E. Bryssinck, J. Linder, D. Chestnov, K. Dankov, S. Beck, L. Elenin. 0.10-m $f/5$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD, 0.35-m $f/3.8$ Maksutov-Newtonian + CCD, 0.41-m $f/9$ Ritchey-Chrétien + CCD.
- H26 Doc Greiner Research Observatory, Janesville. Observer M. Mills. 0.40-m $f/8$ Schmidt-Cassegrain + CCD.
- H36 Sandlot Observatory, Scranton. Observer G. Hug. 0.56-m reflector + CCD.
- H45 Arkansas Sky Obs., Petit Jean Mountain South. Observer P. C. Sherrod. 0.51-m $f/4.3$ astrograph + CCD.
- H47 Vicksburg. Observer C. Bell. 0.3-m $f/4.7$ Schmidt-Cassegrain + CCD.
- H53 Thompsonville. Observer D. A. Birmingham. 0.20-m $f/4.5$ reflector + CCD, 0.31-m $f/3$ Schmidt-Cassegrain + CCD.
- I10 Campo Catino Austral Obs., San Pedro de Atacama. Observers F. Mallia, A. Maury, F. Kugel, T. Noel, J. F. Soulier. 0.4-m $f/8$ Ritchey-Chrétien + CCD.
- I19 Tanti. Observer C. Colazo. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I20 Rio Cuarto. Observer F. D. Mazzone. 0.20-m $f/4$ Schmidt-Newtonian + CCD.
- I21 El Condor Observatory, Córdoba. Observer W. Robledo. 0.20-m $f/4.2$ Schmidt-Cassegrain + CCD.
- I31 Observatorio Astronomico del Colegio Cristo Rey. Observers V. Buso, G. Mazalan. Measurer E. Diez. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I32 Observatorio Beta Orionis, Rosario. Observer F. Tifner. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.
- I36 Observatorio Los Campitos, Cañuelas. Observer C. Ambrosioni. 0.20-m Newtonian reflector + CCD.
- I77 CEAMIG-REA Observatory, Belo Horizonte. Observers C. Jacques, E. Pimentel. Measurer C. Jacques. 0.30-m $f/3.0$ reflector + CCD.
- I99 Observatorio Blanquita, Vaciamadrid. Observer F. Limon. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J01 Observatorio Cielo Profundo, Oviedo. Observer J. González. 0.10-m $f/6.3$ refractor + CCD.
- J02 Busot. Observer R. García. 0.28-m $f/11$ Cassegrain + CCD.
- J10 Alicante. Observer M. Rodriguez de Viguri. 0.20-m $f/5$ reflector + CCD.
- J16 An Carraig Observatory, Loughinisland. Observer K. Rooney. 0.25-m $f/10.0$ Schmidt-Cassegrain + CCD.
- J24 Observatorio Altamira. Observer J. F. Hernandez. 0.4-m $f/10$ Schmidt-Cassegrain + CCD.
- J27 El Guijo Observatory. Observer A. San Segundo. 0.25-m $f/7$ Schmidt-Cassegrain + CCD.
- J28 Jaen. Observer J. J. Martin. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J35 Tucci Observatory, Martos. Observer J. C. Millan. 0.23-m $f/10$ Schmidt-Cassegrain + CCD.
- J38 Observatorio La Vara, Valdés. Observer F. García. 0.25-m $f/8.1$ reflector + CCD.
- J40 Malaga. Observer J. M. Ruiz. 0.20-m $f/5$ Newtonian reflector + CCD.
- J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodriguez R. 0.20-m $f/4$ reflector + CCD.
- J46 Observatorio Montana Blanca, Tias. Observer C. Piret. 0.20-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J47 Observatorio Nazaret. Observer G. Muler. Measurers G. Muler, J. M. Ruiz. 0.30-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. Henríquez. 0.2-m $f/9$ Cassegrain + CCD.
- J53 Posadas. Observer R. Benavides. 0.28-m $f/6.3$ Schmidt-Cassegrain + CCD.
- J59 Observatorio Linceo, Santander. Observer J. Temprano. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J75 OAM Observatory, La Sagra. Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez. 0.45-m $f/2.8$ reflector + CCD, 0.40-m $f/10$ reflector + CCD.
- J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m $f/6.3$ Schmidt-Cassegrain + CCD.
- J77 Golden Hill Observatory, Stourton Caundle. Observer R. Miles. 0.28-m $f/9.4$ Schmidt-Cassegrain + CCD.
- J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.25-m $f/5.5$ Schmidt-Cassegrain + CCD.
- J96 Observatorio de Cantabria. Observer J. Ruiz. Measurers J. Curto, J. Temprano. 0.40-m $f/5$ Ritchey-Chrétien + CCD.
- J97 Alginet. Observer T. Climent. 0.25-m Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
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C/1975 V1 (West)

C/1975 V1	1976 03 11.02906	21 27 48.01	+09 10 16.5	1 186
C/1975 V1	1976 03 11.02952	21 27 47.92	+09 10 17.1	1 186
C/1975 V1	1976 03 11.03252	21 27 47.46	+09 10 19.0	1 186
C/1975 V1	1976 03 11.03408	21 27 47.32	+09 10 20.1	1 186
C/1975 V1	1976 03 11.03443	21 27 47.15	+09 10 22.1	1 186
C/1975 V1	1976 03 11.04230	21 27 45.34	+09 10 34.0	1 186

C/1997 S4 (SOHO)

C/1997 S4	1997 09 29.18792	12 16 35.1	-01 06 12	2 249
Geocentric position (AU)	-0.00832653	-0.00437789	-0.00154882	
C/1997 S4	1997 09 29.20118	12 16 56.2	-01 08 17	2 249
Geocentric position (AU)	-0.00832574	-0.00438062	-0.00155037	
C/1997 S4	1997 09 29.22970	12 17 38.2	-01 12 25	2 249
Geocentric position (AU)	-0.00832404	-0.00438647	-0.00155370	
C/1997 S4	1997 09 29.24495	12 18 03.5	-01 15 13	2 249
Geocentric position (AU)	-0.00832313	-0.00438960	-0.00155548	
C/1997 S4	1997 09 29.25823	12 18 19.2	-01 17 55	2 249
Geocentric position (AU)	-0.00832234	-0.00439232	-0.00155703	

C/2001 Q7 (SOHO)

C/2001 Q7	2001 08 21.86813	09 57 38.4	+12 58 23	2 249
Geocentric position (AU)	-0.00951634	+0.00111485	+0.00084055	
C/2001 Q7	2001 08 21.89317	09 58 12.8	+12 56 39	2 249
Geocentric position (AU)	-0.00951857	+0.00110992	+0.00083770	
C/2001 Q7	2001 08 21.92090	09 58 51.3	+12 53 57	2 249
Geocentric position (AU)	-0.00952103	+0.00110447	+0.00083455	
C/2001 Q7	2001 08 21.93556	09 59 12.4	+12 52 30	2 249
Geocentric position (AU)	-0.00952233	+0.00110159	+0.00083288	
C/2001 Q7	2001 08 21.97647	10 00 11.7	+12 48 38	2 249
Geocentric position (AU)	-0.00952595	+0.00109354	+0.00082823	
C/2001 Q7	2001 08 21.99312	10 00 34.4	+12 46 49	2 249
Geocentric position (AU)	-0.00952742	+0.00109027	+0.00082634	

C/2001 Q8 (SOHO)

C/2001 Q8	2001 08 24.86812	10 08 17.8	+12 00 35	2 249
Geocentric position (AU)	-0.00975049	+0.00053787	+0.00050278	
C/2001 Q8	2001 08 24.90979	10 09 12.6	+11 57 25	2 249
Geocentric position (AU)	-0.00975330	+0.00053008	+0.00049815	
C/2001 Q8	2001 08 24.92091	10 09 27.6	+11 56 24	2 249
Geocentric position (AU)	-0.00975405	+0.00052800	+0.00049692	
C/2001 Q8	2001 08 24.93555	10 09 47.9	+11 55 02	2 249
Geocentric position (AU)	-0.00975503	+0.00052527	+0.00049529	
C/2001 Q8	2001 08 24.96257	10 10 25.5	+11 52 29	2 249
Geocentric position (AU)	-0.00975685	+0.00052022	+0.00049229	
C/2001 Q8	2001 08 24.97645	10 10 44.6	+11 51 04	2 249
Geocentric position (AU)	-0.00975778	+0.00051763	+0.00049075	
C/2001 Q8	2001 08 24.99312	10 11 07.8	+11 49 26	2 249
Geocentric position (AU)	-0.00975889	+0.00051452	+0.00048890	
C/2001 Q8	2001 08 25.00423	10 11 23.6	+11 48 19	2 249
Geocentric position (AU)	-0.00975963	+0.00051245	+0.00048767	
C/2001 Q8	2001 08 25.01886	10 11 43.9	+11 47 06	2 249
Geocentric position (AU)	-0.00976061	+0.00050972	+0.00048605	
C/2001 Q8	2001 08 25.03478	10 12 06.5	+11 45 23	2 249
Geocentric position (AU)	-0.00976167	+0.00050675	+0.00048428	

C/2001 S1 (Skiff)

C/2001 S1	2001 08 22.59919	03 19 59.25	-22 13 34.8	18.9 N	3 608
C/2001 S1	2001 08 22.61003	03 19 58.52	-22 13 43.2	18.7 N	3 608
C/2001 S1	2001 09 24.41610	02 27 52.47	-29 25 43.1	19.9 N	3 644
C/2001 S1	2001 09 24.43765	02 27 49.76	-29 25 57.3	19.9 N	3 644
C/2001 S1	2001 09 24.45855	02 27 47.05	-29 26 12.5	19.6 N	3 644

C/2001 W1 (LINEAR)

C/2001 W1	2001 10 23.51685	08 12 07.44	+04 11 49.3	18.8 N	3 608
C/2001 W1	2001 10 23.52751	08 12 07.16	+04 11 58.8	18.3 N	3 608
C/2001 W1	2001 11 12.64377	07 55 22.02	+09 54 38.9	19.0 N	3 608
C/2001 W1	2001 11 18.54287	07 46 06.95	+12 16 07.4	19.0 N	608
C/2001 W1	2001 11 18.55354	07 46 05.81	+12 16 24.9	19.9 N	608

C/2002 Q6 (SOHO)

C/2002 Q6	2002 08 23.45146	10 00 10.3	+11 15 23	2 249
Geocentric position (AU)	-0.01015740	+0.00071547	+0.00033123	
C/2002 Q6	2002 08 23.46256	10 00 29.8	+11 18 26	2 249
Geocentric position (AU)	-0.01015808	+0.00071388	+0.00033020	
C/2002 Q6	2002 08 23.47645	10 00 53.2	+11 22 33	2 249
Geocentric position (AU)	-0.01015893	+0.00071189	+0.00032891	
C/2002 Q6	2002 08 23.49312	10 01 22.2	+11 27 14	2 249
Geocentric position (AU)	-0.01015994	+0.00070950	+0.00032736	
C/2002 Q6	2002 08 23.50423	10 01 42.1	+11 30 31	2 249
Geocentric position (AU)	-0.01016062	+0.00070791	+0.00032632	

C/2002 Q8 (SOHO)

C/2002 Q8	2002 08 26.01812	10 11 40.8	+11 46 11	2 249
Geocentric position (AU)	-0.01030430	+0.00035808	+0.00009732	
C/2002 Q8	2002 08 26.03480	10 12 03.3	+11 44 53	2 249
Geocentric position (AU)	-0.01030519	+0.00035582	+0.00009583	
C/2002 Q8	2002 08 26.06058	10 12 36.6	+11 42 57	2 249
Geocentric position (AU)	-0.01030657	+0.00035233	+0.00009353	

C/2002 Q8	2002 08 26.07645	10 12 58.2	+11 41 26	2 249
Geocentric position (AU)	-0.01030742	+0.00035019	+0.00009212	
C/2002 Q8	2002 08 26.08756	10 13 12.9	+11 40 36	2 249
Geocentric position (AU)	-0.01030801	+0.00034869	+0.00009113	
C/2002 Q8	2002 08 26.10146	10 13 31.5	+11 39 29	2 249
Geocentric position (AU)	-0.01030875	+0.00034681	+0.00008989	
C/2002 Q8	2002 08 26.11812	10 13 53.9	+11 37 58	2 249
Geocentric position (AU)	-0.01030964	+0.00034456	+0.00008840	
C/2002 Q8	2002 08 26.12923	10 14 08.5	+11 37 01	2 249
Geocentric position (AU)	-0.01031023	+0.00034306	+0.00008741	
C/2002 Q8	2002 08 26.14312	10 14 27.9	+11 35 51	2 249
Geocentric position (AU)	-0.01031097	+0.00034118	+0.00008618	
C/2002 Q8	2002 08 26.15979	10 14 50.3	+11 34 18	2 249
Geocentric position (AU)	-0.01031186	+0.00033893	+0.00008469	
C/2002 Q8	2002 08 26.17090	10 15 05.7	+11 33 14	2 249
Geocentric position (AU)	-0.01031245	+0.00033743	+0.00008370	
C/2002 Q8	2002 08 26.18479	10 15 24.6	+11 31 49	2 249
Geocentric position (AU)	-0.01031318	+0.00033556	+0.00008247	
C/2002 Q8	2002 08 26.20145	10 15 46.9	+11 30 14	2 249
Geocentric position (AU)	-0.01031407	+0.00033331	+0.00008098	
C/2002 Q8	2002 08 26.21256	10 16 01.9	+11 29 17	2 249
Geocentric position (AU)	-0.01031466	+0.00033181	+0.00007999	
C/2002 Q8	2002 08 26.22645	10 16 21.3	+11 27 52	2 249
Geocentric position (AU)	-0.01031539	+0.00032994	+0.00007876	
C/2002 Q8	2002 08 26.24312	10 16 44.3	+11 26 09	2 249
Geocentric position (AU)	-0.01031627	+0.00032769	+0.00007728	
C/2002 Q8	2002 08 26.25423	10 16 58.8	+11 24 58	2 249
Geocentric position (AU)	-0.01031686	+0.00032619	+0.00007629	
C/2002 Q8	2002 08 26.26812	10 17 17.6	+11 23 40	2 249
Geocentric position (AU)	-0.01031760	+0.00032433	+0.00007505	

C/2002 Q9 (SOHO)

C/2002 Q9	2002 08 19.25423	09 57 28.3	+12 38 02	2 249
Geocentric position (AU)	-0.00986809	+0.00134870	+0.00073616	
C/2002 Q9	2002 08 19.27090	09 57 40.9	+12 33 52	2 249
Geocentric position (AU)	-0.00986938	+0.00134606	+0.00073450	
C/2002 Q9	2002 08 19.28756	09 57 53.2	+12 29 34	2 249
Geocentric position (AU)	-0.00987068	+0.00134341	+0.00073284	
C/2002 Q9	2002 08 19.31375	09 58 10.6	+12 23 23	2 249
Geocentric position (AU)	-0.00987271	+0.00133926	+0.00073023	
C/2002 Q9	2002 08 19.32923	09 58 20.0	+12 19 53	2 249
Geocentric position (AU)	-0.00987391	+0.00133681	+0.00072868	
C/2002 Q9	2002 08 19.33756	09 58 24.9	+12 18 00	2 249
Geocentric position (AU)	-0.00987456	+0.00133549	+0.00072785	
C/2002 Q9	2002 08 19.35423	09 58 33.4	+12 14 06	2 249
Geocentric position (AU)	-0.00987585	+0.00133285	+0.00072619	
C/2002 Q9	2002 08 19.37090	09 58 41.4	+12 10 24	2 249
Geocentric position (AU)	-0.00987714	+0.00133021	+0.00072453	
C/2002 Q9	2002 08 19.37923	09 58 45.1	+12 08 34	2 249
Geocentric position (AU)	-0.00987778	+0.00132889	+0.00072370	
C/2002 Q9	2002 08 19.39590	09 58 51.6	+12 04 44	2 249
Geocentric position (AU)	-0.00987907	+0.00132626	+0.00072204	

C/2002 Q9	2002 08 19.41258	09 58 56.3	+12 01 36	2 249
Geocentric position (AU)	-0.00988036	+0.00132362	+0.00072038	
C/2002 Q9	2002 08 19.42090	09 58 58.6	+11 59 35	2 249
Geocentric position (AU)	-0.00988100	+0.00132230	+0.00071955	
C/2002 Q9	2002 08 19.43774	09 59 02.2	+11 56 47	2 249
Geocentric position (AU)	-0.00988229	+0.00131964	+0.00071787	
C/2002 Q9	2002 08 19.45423	09 59 05.2	+11 53 32	2 249
Geocentric position (AU)	-0.00988356	+0.00131703	+0.00071623	
C/2002 Q9	2002 08 19.46256	09 59 05.5	+11 52 24	2 249
Geocentric position (AU)	-0.00988420	+0.00131572	+0.00071540	
C/2002 Q9	2002 08 19.47923	09 59 06.6	+11 49 31	2 249
Geocentric position (AU)	-0.00988548	+0.00131309	+0.00071374	
C/2002 Q9	2002 08 19.49590	09 59 06.8	+11 46 34	2 249
Geocentric position (AU)	-0.00988676	+0.00131046	+0.00071208	
C/2002 Q9	2002 08 19.50423	09 59 06.5	+11 45 17	2 249
Geocentric position (AU)	-0.00988740	+0.00130914	+0.00071125	
C/2002 Q9	2002 08 19.53756	09 59 04.8	+11 40 40	2 249
Geocentric position (AU)	-0.00988995	+0.00130388	+0.00070794	
C/2002 Q9	2002 08 19.56375	09 58 57.5	+11 37 43	2 249
Geocentric position (AU)	-0.00989195	+0.00129976	+0.00070534	
C/2002 Q9	2002 08 19.57925	09 58 55.2	+11 35 34	2 249
Geocentric position (AU)	-0.00989314	+0.00129732	+0.00070380	
C/2002 Q9	2002 08 19.58756	09 58 54.0	+11 34 25	2 249
Geocentric position (AU)	-0.00989377	+0.00129601	+0.00070297	
C/2002 Q9	2002 08 19.60423	09 58 46.6	+11 32 46	2 249
Geocentric position (AU)	-0.00989504	+0.00129338	+0.00070132	
C/2002 Q9	2002 08 19.62090	09 58 42.9	+11 31 17	2 249
Geocentric position (AU)	-0.00989631	+0.00129076	+0.00069966	
C/2002 Q9	2002 08 19.64590	09 58 31.8	+11 29 28	2 249
Geocentric position (AU)	-0.00989821	+0.00128683	+0.00069718	
C/2002 Q9	2002 08 19.66256	09 58 26.3	+11 27 47	2 249
Geocentric position (AU)	-0.00989948	+0.00128421	+0.00069553	

C/2002 R4 (SOHO)

C/2002 R4	2002 09 03.48271	10 43 05.9	+09 08 30	2 249
Geocentric position (AU)	-0.01066028	-0.00070420	-0.00061373	
C/2002 R4	2002 09 03.48617	10 43 09.7	+09 08 22	2 249
Geocentric position (AU)	-0.01066038	-0.00070461	-0.00061400	
C/2002 R4	2002 09 03.49312	10 43 20.5	+09 08 20	2 249
Geocentric position (AU)	-0.01066058	-0.00070542	-0.00061455	
C/2002 R4	2002 09 03.49659	10 43 24.1	+09 08 38	2 249
Geocentric position (AU)	-0.01066068	-0.00070583	-0.00061483	
C/2002 R4	2002 09 03.50353	10 43 34.0	+09 08 39	2 249
Geocentric position (AU)	-0.01066089	-0.00070664	-0.00061538	
C/2002 R4	2002 09 03.50701	10 43 37.9	+09 08 43	2 249
Geocentric position (AU)	-0.01066099	-0.00070705	-0.00061566	
C/2002 R4	2002 09 03.51396	10 43 48.7	+09 08 27	2 249
Geocentric position (AU)	-0.01066120	-0.00070786	-0.00061621	
C/2002 R4	2002 09 03.51743	10 43 53.2	+09 08 50	2 249
Geocentric position (AU)	-0.01066130	-0.00070827	-0.00061648	
C/2002 R4	2002 09 03.52437	10 44 01.3	+09 08 49	2 249
Geocentric position (AU)	-0.01066150	-0.00070908	-0.00061703	

C/2002 R4	2002 09 03.52785	10 44 04.7	+09 09 04	2 249
Geocentric position (AU)	-0.01066160	-0.00070949	-0.00061731	
C/2002 R4	2002 09 03.53479	10 44 17.0	+09 09 08	2 249
Geocentric position (AU)	-0.01066181	-0.00071030	-0.00061786	
C/2002 R4	2002 09 03.53826	10 44 21.4	+09 08 59	2 249
Geocentric position (AU)	-0.01066191	-0.00071070	-0.00061813	
C/2002 R4	2002 09 03.54520	10 44 29.9	+09 09 06	2 249
Geocentric position (AU)	-0.01066211	-0.00071152	-0.00061869	
C/2002 R4	2002 09 03.54867	10 44 35.4	+09 09 04	2 249
Geocentric position (AU)	-0.01066221	-0.00071192	-0.00061896	
C/2002 R4	2002 09 03.55564	10 44 44.4	+09 09 06	2 249
Geocentric position (AU)	-0.01066242	-0.00071274	-0.00061951	
C/2002 R4	2002 09 03.55909	10 44 48.5	+09 09 04	2 249
Geocentric position (AU)	-0.01066252	-0.00071314	-0.00061979	
C/2002 R4	2002 09 03.56604	10 44 59.0	+09 09 17	2 249
Geocentric position (AU)	-0.01066272	-0.00071395	-0.00062034	
C/2002 R4	2002 09 03.56951	10 45 03.7	+09 09 17	2 249
Geocentric position (AU)	-0.01066282	-0.00071436	-0.00062061	
C/2002 R4	2002 09 03.57645	10 45 12.7	+09 09 03	2 249
Geocentric position (AU)	-0.01066302	-0.00071517	-0.00062116	
C/2002 R4	2002 09 03.57993	10 45 18.5	+09 09 07	2 249
Geocentric position (AU)	-0.01066313	-0.00071558	-0.00062144	
C/2002 R4	2002 09 03.58688	10 45 27.2	+09 09 23	2 249
Geocentric position (AU)	-0.01066333	-0.00071639	-0.00062199	
C/2002 R4	2002 09 03.59034	10 45 31.2	+09 09 11	2 249
Geocentric position (AU)	-0.01066343	-0.00071679	-0.00062226	
C/2002 R4	2002 09 03.59729	10 45 42.0	+09 08 56	2 249
Geocentric position (AU)	-0.01066363	-0.00071761	-0.00062282	
C/2002 R4	2002 09 03.60076	10 45 45.0	+09 09 01	2 249
Geocentric position (AU)	-0.01066373	-0.00071801	-0.00062309	
C/2002 R4	2002 09 03.60770	10 45 56.0	+09 09 09	2 249
Geocentric position (AU)	-0.01066393	-0.00071882	-0.00062364	
C/2002 R4	2002 09 03.61117	10 45 59.8	+09 09 00	2 249
Geocentric position (AU)	-0.01066404	-0.00071923	-0.00062392	
C/2002 R4	2002 09 03.61812	10 46 10.4	+09 09 09	2 249
Geocentric position (AU)	-0.01066424	-0.00072004	-0.00062447	
C/2002 R4	2002 09 03.62161	10 46 13.9	+09 09 05	2 249
Geocentric position (AU)	-0.01066434	-0.00072045	-0.00062474	
C/2002 R4	2002 09 03.62854	10 46 23.3	+09 09 15	2 249
Geocentric position (AU)	-0.01066454	-0.00072126	-0.00062529	
C/2002 R4	2002 09 03.63201	10 46 29.9	+09 08 56	2 249
Geocentric position (AU)	-0.01066464	-0.00072166	-0.00062557	
C/2002 R4	2002 09 03.63898	10 46 38.7	+09 08 49	2 249
Geocentric position (AU)	-0.01066484	-0.00072248	-0.00062612	
C/2002 R4	2002 09 03.64242	10 46 42.8	+09 08 56	2 249
Geocentric position (AU)	-0.01066494	-0.00072288	-0.00062639	
C/2002 R4	2002 09 03.64938	10 46 53.4	+09 08 37	2 249
Geocentric position (AU)	-0.01066514	-0.00072369	-0.00062694	
C/2002 R4	2002 09 03.65284	10 46 57.5	+09 08 48	2 249
Geocentric position (AU)	-0.01066524	-0.00072410	-0.00062722	
C/2002 R4	2002 09 03.65981	10 47 08.1	+09 08 39	2 249
Geocentric position (AU)	-0.01066544	-0.00072491	-0.00062777	

C/2002 R4	2002 09 03.66326	10 47 12.8	+09 08 27	2 249
Geocentric position (AU)	-0.01066554	-0.00072531	-0.00062804	
C/2002 R4	2002 09 03.67020	10 47 21.6	+09 08 27	2 249
Geocentric position (AU)	-0.01066574	-0.00072612	-0.00062859	
C/2002 R4	2002 09 03.67367	10 47 27.4	+09 08 16	2 249
Geocentric position (AU)	-0.01066584	-0.00072653	-0.00062887	
C/2002 R4	2002 09 03.68065	10 47 36.4	+09 08 15	2 249
Geocentric position (AU)	-0.01066604	-0.00072734	-0.00062942	
C/2002 R4	2002 09 03.68410	10 47 42.0	+09 08 19	2 249
Geocentric position (AU)	-0.01066614	-0.00072774	-0.00062969	
C/2002 R4	2002 09 03.69104	10 47 50.7	+09 08 03	2 249
Geocentric position (AU)	-0.01066634	-0.00072855	-0.00063024	
C/2002 R4	2002 09 03.69452	10 47 55.6	+09 07 55	2 249
Geocentric position (AU)	-0.01066644	-0.00072896	-0.00063052	
C/2002 R4	2002 09 03.70145	10 48 05.9	+09 08 01	2 249
Geocentric position (AU)	-0.01066664	-0.00072977	-0.00063106	
C/2002 R4	2002 09 03.71534	10 48 24.5	+09 07 41	2 249
Geocentric position (AU)	-0.01066704	-0.00073139	-0.00063216	

C/2002 S5 (SOHO)

C/2002 S5	2002 09 19.64590	11 41 28.9	+02 48 44	2 249
Geocentric position (AU)	-0.01070721	-0.00216272	-0.00166188	
C/2002 S5	2002 09 19.66256	11 41 46.4	+02 47 21	2 249
Geocentric position (AU)	-0.01070705	-0.00216369	-0.00166265	
C/2002 S5	2002 09 19.67091	11 41 54.5	+02 46 43	2 249
Geocentric position (AU)	-0.01070697	-0.00216417	-0.00166303	
C/2002 S5	2002 09 19.68756	11 42 11.8	+02 45 08	2 249
Geocentric position (AU)	-0.01070681	-0.00216514	-0.00166380	
C/2002 S5	2002 09 19.70423	11 42 28.9	+02 43 38	2 249
Geocentric position (AU)	-0.01070665	-0.00216611	-0.00166457	
C/2002 S5	2002 09 19.71257	11 42 37.6	+02 42 51	2 249
Geocentric position (AU)	-0.01070656	-0.00216659	-0.00166495	
C/2002 S5	2002 09 19.72923	11 42 54.9	+02 41 17	2 249
Geocentric position (AU)	-0.01070640	-0.00216756	-0.00166571	
C/2002 S5	2002 09 19.74590	11 43 12.1	+02 39 46	2 249
Geocentric position (AU)	-0.01070624	-0.00216853	-0.00166648	
C/2002 S5	2002 09 19.75423	11 43 20.9	+02 38 52	2 249
Geocentric position (AU)	-0.01070616	-0.00216901	-0.00166686	
C/2002 S5	2002 09 19.77090	11 43 38.5	+02 37 12	2 249
Geocentric position (AU)	-0.01070600	-0.00216997	-0.00166762	
C/2002 S5	2002 09 19.78756	11 43 56.2	+02 35 29	2 249
Geocentric position (AU)	-0.01070584	-0.00217094	-0.00166838	
C/2002 S5	2002 09 19.81377	11 44 23.1	+02 32 57	2 249
Geocentric position (AU)	-0.01070558	-0.00217245	-0.00166958	
C/2002 S5	2002 09 19.82923	11 44 39.6	+02 31 33	2 249
Geocentric position (AU)	-0.01070543	-0.00217334	-0.00167029	
C/2002 S5	2002 09 19.83756	11 44 48.8	+02 30 28	2 249
Geocentric position (AU)	-0.01070535	-0.00217383	-0.00167067	

C/2003 G2 (LINEAR)

C/2003 G2	2003 04 03.53941	15 10 43.98	+02 00 30.0	19.9 N	3 608
C/2003 G2	2003 04 03.54988	15 10 39.70	+02 00 00.0	19.6 N	3 608
C/2003 G2	2003 04 03.56094	15 10 35.13	+01 59 28.8	19.5 N	3 608

C/2003 G2	2003 04 27.25260	11 30 03.49	-20 11 23.8	18.7 N	608
C/2003 G2	2003 04 27.26330	11 29 58.10	-20 11 45.5	18.2 N	608

C/2003 WT₄₂ (LINEAR)

C/2003 WT ₄₂	2006 02 04.70627	10 01 11.22	+53 02 40.1	14.2 T	114
C/2003 WT ₄₂	2006 02 04.74554	10 01 09.93	+53 02 45.6		114
C/2003 WT ₄₂	2006 02 04.76576	10 01 09.27	+53 02 48.5		114

C/2005 B1 (Christensen)

C/2005 B1	2006 09 27.92220	00 05 41.33	+44 21 03.5	15.9 T	B05
C/2005 B1	2006 09 27.92591	00 05 41.10	+44 20 59.4		B05

C/2005 L3 (McNaught)

C/2005 L3	2008 08 30.71969	14 52 41.49	+20 18 19.4	14.4 T	114
C/2005 L3	2008 08 30.73161	14 52 41.44	+20 18 17.0		114

C/2006 A1 (Pojmanski)

C/2006 A1	2006 03 28.96495	22 16 41.62	+46 23 21.7	13.7 N	114
C/2006 A1	2006 03 29.01470	22 16 55.97	+46 26 18.6		114
C/2006 A1	2006 03 29.06801	22 17 11.35	+46 29 28.1		114

P/2006 HR₃₀ (Siding Spring)

P/2006 HR ₃₀	2006 09 27.90637	21 09 38.78	+28 45 41.1	15.2 N	B05
P/2006 HR ₃₀	2006 09 27.90921	21 09 38.43	+28 45 42.2		B05

C/2006 OF₂ (Broughton)

C/2006 OF ₂	2008 08 29.93078	04 38 44.77	+53 41 54.0	14.4 N	114
C/2006 OF ₂	2008 08 29.94657	04 38 47.19	+53 42 04.9		114
C/2006 OF ₂	2009 09 27.49498	09 58 09.52	+11 34 06.4	14.6 T	H06
C/2006 OF ₂	2009 09 27.49684	09 58 09.59	+11 34 05.1		H06
C/2006 OF ₂	2009 09 27.49869	09 58 09.67	+11 34 04.3		H06
C/2006 OF ₂	2009 09 30.49728	10 00 22.06	+11 13 15.3		H06
C/2006 OF ₂	2009 09 30.50099	10 00 22.18	+11 13 13.7	17.2 N	H06
C/2006 OF ₂	2009 10 01.17590	10 00 51.43	+11 08 33.9	16.1 N	A77
C/2006 OF ₂	2009 10 01.17902	10 00 51.59	+11 08 32.1	16.3 N	A77
C/2006 OF ₂	2009 10 01.18376	10 00 51.78	+11 08 30.1	16.0 N	A77
C/2006 OF ₂	2009 10 10.79266	10 07 24.88	+10 03 37.7	15.1 T	349
C/2006 OF ₂	2009 10 10.79560	10 07 25.02	+10 03 36.9		349
C/2006 OF ₂	2009 10 10.79858	10 07 25.13	+10 03 35.6		349
C/2006 OF ₂	2009 10 12.47773	10 08 29.19	+09 52 31.8	16.4 T	H06
C/2006 OF ₂	2009 10 12.48158	10 08 29.35	+09 52 30.3		H06

C/2006 Q1 (McNaught)

C/2006 Q1	2009 08 28.81674	16 11 45.58	+31 42 03.8		B94
C/2006 Q1	2009 08 28.81799	16 11 45.83	+31 42 04.6		B94
C/2006 Q1	2009 08 28.82007	16 11 46.37	+31 42 02.1		B94
C/2006 Q1	2009 09 22.79246	16 26 45.92	+29 06 38.6	17.5 N	629
C/2006 Q1	2009 09 22.80127	16 26 46.31	+29 06 35.9		629
C/2006 Q1	2009 10 04.43776	16 35 33.36	+28 04 12.7	17.1 N	900
C/2006 Q1	2009 10 04.44489	16 35 33.71	+28 04 11.1		900
C/2006 Q1	2009 10 06.82869	16 37 28.49	+27 52 28.1	16.5 N	B74
C/2006 Q1	2009 10 06.83285	16 37 28.66	+27 52 26.0	16.5 N	B74
C/2006 Q1	2009 10 06.83701	16 37 28.84	+27 52 24.1	16.3 N	B74
C/2006 Q1	2009 10 10.78431	16 40 43.42	+27 33 48.1		B94
C/2006 Q1	2009 10 10.78993	16 40 43.68	+27 33 47.8		B94
C/2006 Q1	2009 10 10.79556	16 40 43.94	+27 33 45.8	15.8 T	B94

C/2006 Q1	2009 10 11.41742	16 41 15.03	+27 30 56.1		D81
C/2006 Q1	2009 10 11.42499	16 41 15.33	+27 30 54.3	15.4 T	D81
C/2006 Q1	2009 10 11.80676	16 41 34.58	+27 29 11.1	16.6 N	939
C/2006 Q1	2009 10 11.81468	16 41 34.93	+27 29 09.1	16.6 N	939
C/2006 Q1	2009 10 11.82256	16 41 35.29	+27 29 07.1	16.6 N	939
C/2006 Q1	2009 10 14.75285	16 44 04.20	+27 16 15.3	16.0 N	A77
C/2006 Q1	2009 10 14.75906	16 44 04.58	+27 16 14.1	16.1 N	A77
C/2006 Q1	2009 10 14.76529	16 44 04.90	+27 16 11.9	16.2 N	A77
C/2006 Q1	2009 10 15.43326	16 44 39.18	+27 13 22.3	16.3 T	900
C/2006 Q1	2009 10 15.43692	16 44 39.33	+27 13 20.3		900
C/2006 Q1	2009 10 15.86933	16 45 01.67	+27 11 30.2	16.5 N	J38
C/2006 Q1	2009 10 15.87509	16 45 02.07	+27 11 29.7	16.5 N	J38
C/2006 Q1	2009 10 17.87449	16 46 45.71	+27 03 15.1	16.5 N	J38
C/2006 Q1	2009 10 17.88019	16 46 46.02	+27 03 13.4	16.5 N	J38
C/2006 Q1	2009 10 17.88305	16 46 46.13	+27 03 12.8	16.6 N	J38
C/2006 Q1	2009 10 22.08499	16 50 28.16	+26 46 56.6		703
C/2006 Q1	2009 10 22.09242	16 50 28.56	+26 46 54.3	15.5 T	703
C/2006 Q1	2009 10 22.09981	16 50 28.93	+26 46 52.3		703
C/2006 Q1	2009 10 22.10708	16 50 29.27	+26 46 51.3		703
C/2006 Q1	2009 10 24.78278	16 52 53.27	+26 37 12.7	16.6 N	939
C/2006 Q1	2009 10 24.79022	16 52 53.69	+26 37 11.0	16.6 N	939
C/2006 Q1	2009 10 24.79767	16 52 54.11	+26 37 09.3	16.6 N	939
C/2006 Q1	2009 10 25.77880	16 53 47.24	+26 33 46.0	16.4 N	235
C/2006 Q1	2009 10 25.81093	16 53 48.99	+26 33 40.3	16.7 N	J47
C/2006 Q1	2009 10 25.81154	16 53 49.05	+26 33 40.2	17.5 N	J47
C/2006 Q1	2009 10 25.81844	16 53 49.39	+26 33 39.1	16.7 N	J47
C/2006 Q1	2009 10 25.83899	16 53 50.52	+26 33 34.2	16.7 N	J38
C/2006 Q1	2009 10 25.84750	16 53 50.98	+26 33 32.4	16.7 N	J38
C/2006 Q1	2009 10 25.85318	16 53 51.27	+26 33 31.0	16.6 N	J38
C/2006 Q1	2009 10 29.84415	16 57 30.11	+26 20 36.2	16.6 N	J38
C/2006 Q1	2009 10 29.84699	16 57 30.20	+26 20 35.9	16.5 N	J38
C/2006 Q1	2009 10 29.84983	16 57 30.38	+26 20 35.8	16.7 N	J38

C/2006 S3 (LONEOS)

C/2006 S3	2009 08 29.99858	22 17 38.10	+04 14 35.5	17.2 N	A02
C/2006 S3	2009 08 30.00285	22 17 37.96	+04 14 34.5	17.2 N	A02
C/2006 S3	2009 08 30.00712	22 17 37.90	+04 14 33.9	17.2 N	A02
C/2006 S3	2009 09 15.87589	22 06 31.23	+03 11 03.6		629
C/2006 S3	2009 09 20.28051	22 03 44.56	+02 53 37.8	16.4 T	703
C/2006 S3	2009 09 20.28845	22 03 44.35	+02 53 35.7	16.4 T	703
C/2006 S3	2009 09 20.29623	22 03 44.06	+02 53 33.6	16.5 T	703
C/2006 S3	2009 09 20.30417	22 03 43.66	+02 53 31.7	16.4 T	703
C/2006 S3	2009 09 22.87476	22 02 08.39	+02 43 11.3	18 N	629
C/2006 S3	2009 09 22.88300	22 02 08.11	+02 43 09.8		629
C/2006 S3	2009 09 27.85120	21 59 10.02	+02 23 12.1		204
C/2006 S3	2009 09 28.06672	21 59 02.41	+02 22 20.1	17.1 N	204
C/2006 S3	2009 09 28.15204	21 58 59.62	+02 22 00.8	16.7 T	703
C/2006 S3	2009 09 28.15800	21 58 59.44	+02 21 59.9	16.7 T	703
C/2006 S3	2009 09 28.16398	21 58 59.26	+02 21 58.5	16.8 T	703
C/2006 S3	2009 09 28.17007	21 58 59.05	+02 21 57.0	16.6 T	703
C/2006 S3	2009 09 28.96767	21 58 31.12	+02 18 43.3	17.9 N	160
C/2006 S3	2009 09 28.96921	21 58 31.03	+02 18 43.1	18.5 N	160
C/2006 S3	2009 09 28.97107	21 58 31.00	+02 18 42.2	18.1 N	160

C/2006 S3	2009 09 29.81948	21 58 01.73	+02 15 18.1	17.6 N	160
C/2006 S3	2009 09 29.82171	21 58 01.65	+02 15 17.7	17.8 N	160
C/2006 S3	2009 09 29.82378	21 58 01.59	+02 15 17.2	17.6 N	160
C/2006 S3	2009 09 30.81982	21 57 27.59	+02 11 19.1	18.1 N	160
C/2006 S3	2009 10 05.08194	21 55 06.33	+01 54 22.5		808
C/2006 S3	2009 10 05.09583	21 55 06.01	+01 54 19.4		808
C/2006 S3	2009 10 09.83776	21 52 37.60	+01 35 44.3	18.3 N	B81
C/2006 S3	2009 10 11.90382	21 51 36.16	+01 27 47.0	16.8 N	212
C/2006 S3	2009 10 11.90466	21 51 36.01	+01 27 46.1	17.3 N	J53
C/2006 S3	2009 10 11.91057	21 51 35.82	+01 27 44.8	17.5 N	J53
C/2006 S3	2009 10 11.91353	21 51 35.73	+01 27 44.3	17.5 N	J53
C/2006 S3	2009 10 12.88297	21 51 07.59	+01 24 02.8	17.9 N	J35
C/2006 S3	2009 10 12.88609	21 51 07.58	+01 24 02.5	17.4 N	J35
C/2006 S3	2009 10 12.88796	21 51 07.51	+01 24 01.4	16.8 N	J35
C/2006 S3	2009 10 13.83542	21 50 40.23	+01 20 23.2	17.6 N	B83
C/2006 S3	2009 10 13.90556	21 50 38.66	+01 20 08.6	17.6 N	B83
C/2006 S3	2009 10 14.84620	21 50 11.81	+01 16 36.2	18.2 T	071
C/2006 S3	2009 10 14.84956	21 50 11.63	+01 16 34.9	18.0 T	071
C/2006 S3	2009 10 14.85258	21 50 11.56	+01 16 36.2	18.1 T	071
C/2006 S3	2009 10 14.85715	21 50 11.48	+01 16 34.9	17.7 T	071
C/2006 S3	2009 10 14.86182	21 50 11.49	+01 16 35.7	17.7 T	071
C/2006 S3	2009 10 14.89931	21 50 10.32	+01 16 24.7	18.1 N	510
C/2006 S3	2009 10 14.92146	21 50 09.77	+01 16 18.1	18.2 N	510
C/2006 S3	2009 10 14.94739	21 50 09.03	+01 16 13.8	18.1 N	510
C/2006 S3	2009 10 15.47874	21 49 54.25	+01 14 13.4		900
C/2006 S3	2009 10 15.48588	21 49 54.11	+01 14 12.7	17.4 N	900
C/2006 S3	2009 10 15.86621	21 49 43.60	+01 12 46.2	17.3 N	J53
C/2006 S3	2009 10 15.87211	21 49 43.40	+01 12 44.9	17.3 N	J53
C/2006 S3	2009 10 15.87507	21 49 43.31	+01 12 44.2	17.3 N	J53
C/2006 S3	2009 10 16.15175	21 49 35.89	+01 11 44.3	18.5 T	704
C/2006 S3	2009 10 16.16506	21 49 35.50	+01 11 40.6	19.4 T	704
C/2006 S3	2009 10 16.17836	21 49 35.14	+01 11 37.3	18.9 T	704
C/2006 S3	2009 10 16.19167	21 49 34.64	+01 11 34.7	18.9 T	704
C/2006 S3	2009 10 16.20497	21 49 34.31	+01 11 31.7	18.3 T	704
C/2006 S3	2009 10 16.95815	21 49 14.00	+01 08 42.1	18.4 N	987
C/2006 S3	2009 10 16.96163	21 49 13.68	+01 08 42.2	18.3 N	987
C/2006 S3	2009 10 17.80218	21 48 51.49	+01 05 36.2	17.1 N	B74
C/2006 S3	2009 10 17.80838	21 48 51.27	+01 05 34.6	17.1 N	B74
C/2006 S3	2009 10 17.81487	21 48 51.14	+01 05 33.2	17.1 N	B74
C/2006 S3	2009 10 17.88414	21 48 49.26	+01 05 20.4	17.4 N	B96
C/2006 S3	2009 10 17.88626	21 48 49.20	+01 05 20.6	17.8 N	B96
C/2006 S3	2009 10 17.88838	21 48 49.62	+01 05 17.9	17.9 N	B96
C/2006 S3	2009 10 17.88993	21 48 49.07	+01 05 17.5	17.3 N	212
C/2006 S3	2009 10 17.96539	21 48 47.04	+01 05 01.0	17.6 N	939
C/2006 S3	2009 10 17.96981	21 48 47.01	+01 04 59.0	17.5 N	939
C/2006 S3	2009 10 18.81781	21 48 24.78	+01 01 52.0	17.6 N	B75
C/2006 S3	2009 10 18.87101	21 48 23.35	+01 01 40.7	17.5 N	J53
C/2006 S3	2009 10 18.87396	21 48 23.24	+01 01 40.2	17.5 N	J53
C/2006 S3	2009 10 18.87692	21 48 23.11	+01 01 39.6	17.5 N	J53
C/2006 S3	2009 10 24.12654	21 46 14.12	+00 42 58.4	16.6 T	703
C/2006 S3	2009 10 24.13565	21 46 13.94	+00 42 56.6	16.6 T	703
C/2006 S3	2009 10 24.14477	21 46 13.69	+00 42 54.7	16.6 T	703
C/2006 S3	2009 10 24.15388	21 46 13.47	+00 42 53.1	16.7 T	703

C/2006 S3	2009 10 24.79053	21 45 58.72	+00 40 38.2	17.5 N	160
C/2006 S3	2009 10 24.79248	21 45 58.57	+00 40 37.3	17.6 N	160
C/2006 S3	2009 10 24.79524	21 45 58.49	+00 40 36.9	17.6 N	160
C/2006 S3	2009 10 24.81187	21 45 58.12	+00 40 34.0	18.1 N	J35
C/2006 S3	2009 10 24.81893	21 45 58.01	+00 40 32.4	17.7 N	J35
C/2006 S3	2009 10 24.82432	21 45 57.85	+00 40 31.8	18.2 N	J35
C/2006 S3	2009 10 24.90236	21 45 56.12	+00 40 16.4	17.4 N	939
C/2006 S3	2009 10 24.90885	21 45 55.97	+00 40 14.9	17.5 N	939
C/2006 S3	2009 10 24.91536	21 45 55.84	+00 40 13.3	17.4 N	939
C/2006 S3	2009 10 25.76749	21 45 36.60	+00 37 18.2	17.5 N	B96
C/2006 S3	2009 10 25.77318	21 45 36.49	+00 37 16.0	18.0 N	B96
C/2006 S3	2009 10 25.78030	21 45 36.09	+00 37 14.6	17.3 N	B96
C/2006 S3	2009 10 25.78742	21 45 36.05	+00 37 11.3	17.8 N	B96
C/2006 S3	2009 10 25.79644	21 45 35.90	+00 37 12.2	17.2 N	235
C/2006 S3	2009 10 25.81067	21 45 35.61	+00 37 09.3	17.3 N	J01
C/2006 S3	2009 10 25.83233	21 45 35.09	+00 37 04.2	17.1 N	J01
C/2006 S3	2009 10 25.85301	21 45 34.60	+00 37 00.3	17.2 N	J01

C/2006 W3 (Christensen)

C/2006 W3	2009 06 25.71042	22 14 45.72	+35 17 16.8	10.8 N	372
C/2006 W3	2009 07 11.98271	21 44 05.41	+33 33 26.8	12.1 N	473
C/2006 W3	2009 08 15.21002	20 22 23.58	+22 16 17.9	11.0 T	H26
C/2006 W3	2009 08 15.21170	20 22 23.37	+22 16 15.2	11.0 T	H26
C/2006 W3	2009 08 15.21331	20 22 23.15	+22 16 12.5	11.0 T	H26
C/2006 W3	2009 08 15.21492	20 22 22.97	+22 16 10.0	11.0 T	H26
C/2006 W3	2009 08 15.21653	20 22 22.74	+22 16 07.4	11.0 T	H26
C/2006 W3	2009 08 15.21814	20 22 22.49	+22 16 04.0	11.0 T	H26
C/2006 W3	2009 08 26.81065	19 58 19.88	+16 31 39.2		B94
C/2006 W3	2009 08 26.81084	19 58 19.93	+16 31 38.5		B94
C/2006 W3	2009 08 26.81105	19 58 19.82	+16 31 38.6		B94
C/2006 W3	2009 08 27.80374	19 56 29.60	+16 01 25.7		B94
C/2006 W3	2009 08 27.80428	19 56 29.59	+16 01 22.2		B94
C/2006 W3	2009 08 27.82061	19 56 27.75	+16 00 52.6		B94
C/2006 W3	2009 08 28.76704	19 54 44.85	+15 32 01.9		B94
C/2006 W3	2009 08 28.77466	19 54 44.01	+15 31 47.7		B94
C/2006 W3	2009 08 28.77591	19 54 43.87	+15 31 45.4		B94
C/2006 W3	2009 08 29.93056	19 52 41.09	+14 56 35.8	11.8 N	A02
C/2006 W3	2009 08 29.93366	19 52 40.76	+14 56 30.0	11.8 N	A02
C/2006 W3	2009 08 29.95950	19 52 38.01	+14 55 42.8	11.7 N	A02
C/2006 W3	2009 09 15.81294	19 28 46.92	+06 42 48.1	13.2 N	629
C/2006 W3	2009 09 15.82135	19 28 46.38	+06 42 34.1		629
C/2006 W3	2009 09 16.58646	19 27 57.07	+06 21 43.7	11.6 N	372
C/2006 W3	2009 09 19.88013	19 24 39.67	+04 53 58.5	12.5 N	473
C/2006 W3	2009 09 19.88583	19 24 39.38	+04 53 49.7	12.3 N	473
C/2006 W3	2009 09 19.89056	19 24 39.10	+04 53 42.1	12.2 N	473
C/2006 W3	2009 09 20.51337	19 24 04.48	+04 37 30.5		372
C/2006 W3	2009 09 22.86215	19 22 01.20	+03 37 27.0	13.4 N	629
C/2006 W3	2009 09 29.79354	19 17 02.31	+00 50 44.3	13.0 N	160
C/2006 W3	2009 09 29.79584	19 17 02.23	+00 50 41.2	13.2 N	160
C/2006 W3	2009 09 29.79858	19 17 02.12	+00 50 37.4	12.8 N	160
C/2006 W3	2009 09 30.79190	19 16 26.82	+00 28 02.0	13.0 N	160
C/2006 W3	2009 09 30.79457	19 16 26.73	+00 27 58.4	12.9 N	160
C/2006 W3	2009 09 30.79726	19 16 26.63	+00 27 54.4	12.9 N	160

C/2006 W3	2009 09 30.82670	19 16 25.60	+00 27 15.0	12.3 N	J47
C/2006 W3	2009 09 30.83821	19 16 25.19	+00 26 59.4	12.8 N	J47
C/2006 W3	2009 09 30.84609	19 16 24.91	+00 26 48.8	12.3 N	J47
C/2006 W3	2009 09 30.90518	19 16 22.87	+00 25 29.0	13.1 N	J46
C/2006 W3	2009 09 30.90834	19 16 22.70	+00 25 23.3	14.6 N	J46
C/2006 W3	2009 09 30.91155	19 16 22.64	+00 25 20.8	13.0 N	J46
C/2006 W3	2009 10 01.79948	19 15 52.83	+00 05 26.6	13.4 N	B81
C/2006 W3	2009 10 01.81076	19 15 52.44	+00 05 11.7	13.4 N	B81
C/2006 W3	2009 10 01.82207	19 15 52.06	+00 04 56.3	13.4 N	B81
C/2006 W3	2009 10 01.82685	19 15 51.94	+00 04 50.4	12.4 N	J47
C/2006 W3	2009 10 01.83219	19 15 51.76	+00 04 43.4	13.5 N	J47
C/2006 W3	2009 10 01.84023	19 15 51.51	+00 04 32.6	12.4 N	J47
C/2006 W3	2009 10 02.93851	19 15 16.48	-00 19 41.3	12.2 N	J24
C/2006 W3	2009 10 02.94296	19 15 16.30	-00 19 47.2	12.2 N	J24
C/2006 W3	2009 10 02.94738	19 15 16.20	-00 19 53.3	12.2 N	J24
C/2006 W3	2009 10 03.07900	19 15 12.15	-00 22 42.1	13.7 T	I36
C/2006 W3	2009 10 03.08162	19 15 12.09	-00 22 45.5	13.3 T	I36
C/2006 W3	2009 10 03.08437	19 15 11.97	-00 22 49.4	12.9 T	I36
C/2006 W3	2009 10 03.44589	19 15 01.07	-00 30 44.9	12.5 N	379
C/2006 W3	2009 10 03.45252	19 15 00.89	-00 30 53.7	12.4 N	379
C/2006 W3	2009 10 03.45616	19 15 00.78	-00 30 57.9	12.4 N	379
C/2006 W3	2009 10 03.76958	19 14 51.51	-00 37 45.9	12.6 N	233
C/2006 W3	2009 10 03.77045	19 14 51.52	-00 37 47.2	12.4 N	232
C/2006 W3	2009 10 03.77378	19 14 51.42	-00 37 51.3	12.4 N	232
C/2006 W3	2009 10 03.77441	19 14 51.36	-00 37 52.1	12.6 N	233
C/2006 W3	2009 10 03.77712	19 14 51.32	-00 37 55.7	12.4 N	232
C/2006 W3	2009 10 03.78187	19 14 51.13	-00 38 01.9	12.5 N	233
C/2006 W3	2009 10 03.79936	19 14 50.65	-00 38 24.5	12.4 N	A06
C/2006 W3	2009 10 03.80285	19 14 50.56	-00 38 29.1	12.5 N	213
C/2006 W3	2009 10 03.80539	19 14 50.50	-00 38 32.3	12.5 N	213
C/2006 W3	2009 10 03.80712	19 14 50.44	-00 38 34.6	12.5 N	213
C/2006 W3	2009 10 03.80853	19 14 50.37	-00 38 36.2	12.4 N	A06
C/2006 W3	2009 10 03.81868	19 14 50.07	-00 38 49.4	12.4 N	A06
C/2006 W3	2009 10 03.83191	19 14 49.73	-00 39 06.2	14.1 N	954
C/2006 W3	2009 10 03.83396	19 14 49.68	-00 39 08.9	14.0 N	954
C/2006 W3	2009 10 03.83622	19 14 49.61	-00 39 11.7	14.2 N	954
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C/2006 W3	2009 10 25.78509	19 10 10.26	-07 20 26.1	12.5 N	235
C/2006 W3	2009 10 25.81840	19 10 10.32	-07 20 56.7	12.7 N	J38
C/2006 W3	2009 10 25.81984	19 10 10.33	-07 20 58.0	12.7 N	J38
C/2006 W3	2009 10 25.82561	19 10 10.33	-07 21 03.4	12.7 N	J38
C/2006 W3	2009 10 25.82637	19 10 10.33	-07 21 03.8	12.6 N	J47
C/2006 W3	2009 10 25.83953	19 10 10.35	-07 21 15.9	14.0 N	J47
C/2006 W3	2009 10 25.85347	19 10 10.37	-07 21 28.8	12.6 N	945
C/2006 W3	2009 10 25.85388	19 10 10.39	-07 21 29.3	12.6 N	J47
C/2006 W3	2009 10 25.85662	19 10 10.37	-07 21 31.7	12.6 N	945
C/2006 W3	2009 10 25.86100	19 10 10.38	-07 21 35.7	12.6 N	945
C/2006 W3	2009 10 25.86269	19 10 10.37	-07 21 37.3	12.6 N	945
C/2006 W3	2009 10 25.86920	19 10 10.39	-07 21 43.1	12.6 N	945
C/2006 W3	2009 10 26.73778	19 10 12.34	-07 34 51.7	12.7 N	160
C/2006 W3	2009 10 26.73916	19 10 12.34	-07 34 52.9	12.8 N	160
C/2006 W3	2009 10 26.74053	19 10 12.32	-07 34 54.1	12.7 N	160
C/2006 W3	2009 10 26.86765	19 10 12.67	-07 36 48.0	12.6 N	J38
C/2006 W3	2009 10 26.87196	19 10 12.64	-07 36 52.2	12.6 N	J38
C/2006 W3	2009 10 26.87484	19 10 12.65	-07 36 54.9	12.6 N	J38
C/2006 W3	2009 10 27.36817	19 10 14.26	-07 44 16.5	13.2 N	379
C/2006 W3	2009 10 27.36947	19 10 14.26	-07 44 17.7	13.1 N	379
C/2006 W3	2009 10 27.38223	19 10 14.28	-07 44 29.4	13.2 N	379
C/2006 W3	2009 10 28.36847	19 10 18.13	-07 59 01.8	13.0 N	379
C/2006 W3	2009 10 28.37505	19 10 18.19	-07 59 07.4	13.0 N	379
C/2006 W3	2009 10 28.38049	19 10 18.15	-07 59 12.0	12.9 N	379
C/2006 W3	2009 10 28.86394	19 10 20.36	-08 06 15.2	12.6 N	945
C/2006 W3	2009 10 28.86719	19 10 20.39	-08 06 17.9	12.6 N	945
C/2006 W3	2009 10 28.86933	19 10 20.39	-08 06 19.9	12.5 N	945
C/2006 W3	2009 10 28.87076	19 10 20.39	-08 06 21.1	12.6 N	945
C/2006 W3	2009 10 28.87188	19 10 20.41	-08 06 21.8	12.6 N	945
C/2006 W3	2009 10 29.39205	19 10 23.18	-08 13 52.8	15.1 N	D95
C/2006 W3	2009 10 29.39762	19 10 23.20	-08 13 57.5	15.1 N	D95
C/2006 W3	2009 10 29.40649	19 10 23.26	-08 14 05.3	15.5 N	D95
C/2006 W3	2009 10 29.83371	19 10 25.69	-08 20 13.0	12.6 N	J38
C/2006 W3	2009 10 29.83524	19 10 25.69	-08 20 14.0	12.7 N	J38
C/2006 W3	2009 10 29.83561	19 10 25.70	-08 20 14.3	12.6 N	J38
C/2006 W3	2009 10 29.87307	19 10 25.85	-08 20 47.0	12.5 N	945
C/2006 W3	2009 10 29.87534	19 10 25.89	-08 20 48.8	12.5 N	945
C/2006 W3	2009 10 29.87694	19 10 25.89	-08 20 50.3	12.5 N	945
C/2006 W3	2009 10 29.87916	19 10 25.88	-08 20 51.6	12.5 N	945
C/2006 W3	2009 10 29.88068	19 10 25.88	-08 20 52.8	12.5 N	945

C/2007 B2 (Skiff)

C/2007 B2	2009 09 02.11111	19 24 37.16	-53 39 09.0		808
C/2007 B2	2009 09 02.11910	19 24 37.00	-53 39 04.7		808
C/2007 B2	2009 09 02.12604	19 24 36.99	-53 39 01.3		808
C/2007 B2	2009 09 26.00358	19 28 41.16	-50 56 26.3		I21
C/2007 B2	2009 09 26.01309	19 28 41.37	-50 56 22.3		I21

C/2007 E2 (Lovejoy)						
C/2007 E2	2007 05 05.94160	17 38 50.80	+47 51 29.2	12.1 T	102	
C/2007 E2	2007 05 05.95669	17 38 43.02	+47 53 21.3	13.6 N	102	
C/2007 E2	2007 05 25.91294	14 49 47.37	+64 26 43.4	12.2 T	B05	
C/2007 E2	2007 05 25.92306	14 49 43.39	+64 26 47.0	14.6 N	B05	

P/2007 H1 (McNaught)						
P/2007 H1	2007 08 09.99630	00 19 40.48	-04 46 31.9	14.1 T	B05	
P/2007 H1	2007 08 10.00238	00 19 40.56	-04 46 34.0		B05	

C/2007 N3 (Lulin)						
C/2007 N3	2009 09 29.09505	07 14 44.50	+20 50 55.9	16.6 N	204	
C/2007 N3	2009 09 29.14639	07 14 43.13	+20 50 56.9		204	
C/2007 N3	2009 10 05.17078	07 11 40.48	+20 53 02.3	16.5 N	J47	
C/2007 N3	2009 10 05.17549	07 11 40.33	+20 53 02.3	17.7 N	J47	
C/2007 N3	2009 10 05.18382	07 11 40.02	+20 53 02.2	16.6 N	J47	
C/2007 N3	2009 10 09.06818	07 09 17.08	+20 54 54.4	16.3 N	939	
C/2007 N3	2009 10 09.07699	07 09 16.73	+20 54 54.4	16.4 N	939	
C/2007 N3	2009 10 09.08583	07 09 16.36	+20 54 54.4	16.4 N	939	
C/2007 N3	2009 10 12.09631	07 07 11.37	+20 56 37.2	16.5 N	939	
C/2007 N3	2009 10 12.10809	07 07 10.80	+20 56 38.2	16.5 N	939	
C/2007 N3	2009 10 12.11922	07 07 10.27	+20 56 39.0	16.5 N	939	
C/2007 N3	2009 10 14.06840	07 05 42.67	+20 57 50.2	16.5 N	945	
C/2007 N3	2009 10 14.07206	07 05 42.34	+20 57 51.3	16.5 N	945	
C/2007 N3	2009 10 14.07525	07 05 42.19	+20 57 51.1	16.5 N	945	
C/2007 N3	2009 10 14.08199	07 05 41.78	+20 57 52.4	16.4 N	945	
C/2007 N3	2009 10 14.09028	07 05 41.45	+20 57 52.4	16.4 N	945	
C/2007 N3	2009 10 15.11484	07 04 53.16	+20 58 33.9	16.5 N	945	
C/2007 N3	2009 10 15.12161	07 04 52.84	+20 58 34.2	16.5 N	945	
C/2007 N3	2009 10 15.12865	07 04 52.48	+20 58 34.5	16.5 N	945	
C/2007 N3	2009 10 15.13519	07 04 52.16	+20 58 34.7	16.6 N	945	
C/2007 N3	2009 10 15.13867	07 04 52.00	+20 58 34.8	16.6 N	945	
C/2007 N3	2009 10 17.02947	07 03 18.90	+20 59 53.2	16.6 N	232	
C/2007 N3	2009 10 17.03410	07 03 18.68	+20 59 53.7	16.6 N	232	
C/2007 N3	2009 10 17.08249	07 03 16.07	+20 59 56.4	16.4 N	A01	
C/2007 N3	2009 10 17.08446	07 03 15.95	+20 59 56.2	16.4 N	A01	
C/2007 N3	2009 10 17.08839	07 03 15.76	+20 59 56.0	16.3 N	A01	
C/2007 N3	2009 10 17.10023	07 03 15.18	+20 59 56.5	16.5 N	945	
C/2007 N3	2009 10 17.10275	07 03 15.03	+20 59 56.5	16.5 N	945	
C/2007 N3	2009 10 17.10763	07 03 14.78	+20 59 57.5	16.6 N	945	
C/2007 N3	2009 10 17.11013	07 03 14.57	+20 59 57.4	16.5 N	945	
C/2007 N3	2009 10 17.11266	07 03 14.49	+20 59 57.5	16.5 N	945	
C/2007 N3	2009 10 17.11583	07 03 14.35	+20 59 57.9	16.5 N	B99	
C/2007 N3	2009 10 17.12159	07 03 14.05	+20 59 57.0	16.5 N	B99	
C/2007 N3	2009 10 17.12450	07 03 13.92	+20 59 57.9	16.5 N	B99	
C/2007 N3	2009 10 17.12757	07 03 13.77	+20 59 57.9	16.5 N	B99	
C/2007 N3	2009 10 17.18558	07 03 10.75	+21 00 00.2	17.7 N	987	
C/2007 N3	2009 10 17.18744	07 03 10.64	+20 59 59.9	17.8 N	987	
C/2007 N3	2009 10 17.18880	07 03 10.59	+21 00 00.0	17.8 N	987	
C/2007 N3	2009 10 17.19006	07 03 10.54	+21 00 00.4	17.7 N	987	
C/2007 N3	2009 10 18.04413	07 02 26.47	+21 00 38.2	16.5 N	945	
C/2007 N3	2009 10 18.04764	07 02 26.36	+21 00 39.0	16.5 N	945	
C/2007 N3	2009 10 18.05046	07 02 26.13	+21 00 38.1	16.5 N	945	
C/2007 N3	2009 10 18.05377	07 02 26.01	+21 00 37.8	16.5 N	945	

C/2007 N3	2009 10 18.05958	07 02 25.71	+21 00 39.3	16.5 N	945	
C/2007 N3	2009 10 18.41690	07 02 06.94	+21 00 54.7	16.5 N	H47	
C/2007 N3	2009 10 18.42459	07 02 06.61	+21 00 55.3	16.5 N	H47	
C/2007 N3	2009 10 18.43236	07 02 06.17	+21 00 55.4	16.5 N	H47	
C/2007 N3	2009 10 19.39872	07 01 14.56	+21 01 38.4	16.6 N	H47	
C/2007 N3	2009 10 19.40605	07 01 14.15	+21 01 39.4	16.5 N	H47	
C/2007 N3	2009 10 19.41317	07 01 13.73	+21 01 39.4	16.4 N	H47	
C/2007 N3	2009 10 20.41519	07 00 18.70	+21 02 25.8	16.4 N	H47	
C/2007 N3	2009 10 20.42316	07 00 18.24	+21 02 26.2	16.3 N	H47	
C/2007 N3	2009 10 20.43052	07 00 17.84	+21 02 26.6	16.5 N	H47	
C/2007 N3	2009 10 20.70422	07 00 02.64	+21 02 38.8		900	
C/2007 N3	2009 10 20.71135	07 00 02.24	+21 02 39.2	16.8 N	900	
C/2007 N3	2009 10 22.34326	06 58 28.80	+21 03 58.8	17.8 T	704	
C/2007 N3	2009 10 22.35602	06 58 28.08	+21 03 57.6	17.9 T	704	
C/2007 N3	2009 10 22.36879	06 58 27.28	+21 03 57.3	18.3 T	704	
C/2007 N3	2009 10 22.38157	06 58 26.59	+21 03 58.5	18.1 T	704	
C/2007 N3	2009 10 25.08257	06 55 43.08	+21 06 10.4	16.5 N	939	
C/2007 N3	2009 10 25.08862	06 55 42.67	+21 06 11.1	16.5 N	939	
C/2007 N3	2009 10 25.09469	06 55 42.29	+21 06 11.6	16.5 N	939	
C/2007 N3	2009 10 25.10095	06 55 41.94	+21 06 11.6	16.7 N	232	
C/2007 N3	2009 10 25.11110	06 55 41.27	+21 06 13.0	16.6 N	232	
C/2007 N3	2009 10 25.11870	06 55 40.77	+21 06 12.5	16.6 N	232	
C/2007 N3	2009 10 25.14878	06 55 38.94	+21 06 15.6	17.1 N	J51	
C/2007 N3	2009 10 25.15287	06 55 38.69	+21 06 15.6	17.0 N	J51	
C/2007 N3	2009 10 25.15696	06 55 38.45	+21 06 15.5	16.8 N	J51	
C/2007 N3	2009 10 25.44065	06 55 20.51	+21 06 29.5	16.9 N	H47	
C/2007 N3	2009 10 25.44789	06 55 19.96	+21 06 30.6	17.1 N	H47	
C/2007 N3	2009 10 26.01345	06 54 44.32	+21 06 57.3	16.6 N	J38	
C/2007 N3	2009 10 26.01857	06 54 43.99	+21 06 57.7	16.6 N	J38	
C/2007 N3	2009 10 26.03339	06 54 42.98	+21 06 57.0	16.4 N	J38	
C/2007 N3	2009 10 27.12632	06 53 32.21	+21 07 55.3	16.5 N	945	
C/2007 N3	2009 10 27.13207	06 53 31.79	+21 07 54.5	16.4 N	945	
C/2007 N3	2009 10 27.13501	06 53 31.64	+21 07 54.6	16.5 N	945	
C/2007 N3	2009 10 27.13792	06 53 31.40	+21 07 55.3	16.4 N	945	
C/2007 N3	2009 10 27.14300	06 53 31.02	+21 07 55.1	16.3 N	945	
C/2007 N3	2009 10 28.47200	06 52 02.78	+21 09 03.8	16.7 N	H47	
C/2007 N3	2009 10 28.47518	06 52 02.56	+21 09 04.3	16.5 N	H47	
C/2007 N3	2009 10 28.47821	06 52 02.36	+21 09 04.5	16.7 N	H47	
C/2007 N3	2009 10 28.48123	06 52 02.11	+21 09 04.2	16.4 N	H47	
C/2007 N3	2009 10 29.96894	06 50 20.34	+21 10 19.6	16.6 N	B15	
C/2007 N3	2009 10 29.96986	06 50 20.30	+21 10 19.4	16.9 N	B15	
C/2007 N3	2009 10 29.97213	06 50 20.13	+21 10 19.6	16.8 N	B15	
C/2007 N3	2009 10 29.97258	06 50 20.10	+21 10 19.7	16.7 N	B15	
C/2007 N3	2009 10 29.97348	06 50 20.03	+21 10 19.6	16.8 N	B15	
C/2007 N3	2009 10 30.10604	06 50 10.64	+21 10 25.9	16.6 N	J40	
C/2007 N3	2009 10 30.10903	06 50 10.52	+21 10 27.3	17.4 N	J40	
C/2007 N3	2009 10 30.11323	06 50 10.23	+21 10 28.0	17.0 N	J40	

C/2007 Q3 (Siding Spring)						
C/2007 Q3	2009 09 24.80751	10 36 54.84	+06 35 28.1	11.0 T	349	
C/2007 Q3	2009 09 24.81056	10 36 55.18	+06 35 29.0		349	
C/2007 Q3	2009 09 24.81355	10 36 55.52	+06 35 30.0		349	
C/2007 Q3	2009 09 24.81663	10 36 55.87	+06 35 31.1		349	

C/2007 Q3	2009 10 03.82832	10 54 11.76	+07 28 45.9		367
C/2007 Q3	2009 10 03.83054	10 54 12.03	+07 28 46.6	11.7 T	367
C/2007 Q3	2009 10 10.82822	11 07 40.19	+08 13 04.8	11.0 T	349
C/2007 Q3	2009 10 10.82931	11 07 40.30	+08 13 05.5		349
C/2007 Q3	2009 10 10.83146	11 07 40.56	+08 13 06.0		349
C/2007 Q3	2009 10 11.80273	11 09 33.11	+08 19 31.4	14.6 N	D95
C/2007 Q3	2009 10 11.80399	11 09 33.20	+08 19 30.9	13.6 N	D95
C/2007 Q3	2009 10 11.80706	11 09 33.53	+08 19 33.1	14.0 N	D95
C/2007 Q3	2009 10 14.82083	11 15 22.89	+08 39 55.8	12.2 N	372
C/2007 Q3	2009 10 14.82396	11 15 23.28	+08 39 57.0		372
C/2007 Q3	2009 10 16.84420	11 19 17.78	+08 54 01.8		367
C/2007 Q3	2009 10 16.84461	11 19 17.85	+08 54 01.9	11.2 T	367
C/2007 Q3	2009 10 17.19333	11 19 58.35	+08 56 29.9	13.0 N	213
C/2007 Q3	2009 10 17.19501	11 19 58.52	+08 56 30.4	12.6 N	A77
C/2007 Q3	2009 10 17.19576	11 19 58.63	+08 56 30.8	12.9 N	213
C/2007 Q3	2009 10 17.19701	11 19 58.82	+08 56 31.0	12.6 N	A77
C/2007 Q3	2009 10 17.19729	11 19 58.80	+08 56 31.9	12.9 N	213
C/2007 Q3	2009 10 17.19942	11 19 59.06	+08 56 32.8	12.6 N	A77
C/2007 Q3	2009 10 17.23041	11 20 02.63	+08 56 46.1	13.8 N	J59
C/2007 Q3	2009 10 17.23362	11 20 03.03	+08 56 47.5	13.7 N	J59
C/2007 Q3	2009 10 17.23949	11 20 03.68	+08 56 49.9	13.8 N	J59
C/2007 Q3	2009 10 17.82829	11 21 12.16	+09 01 02.0	11.1 T	349
C/2007 Q3	2009 10 17.83021	11 21 12.38	+09 01 02.5		349
C/2007 Q3	2009 10 17.83212	11 21 12.58	+09 01 03.3		349
C/2007 Q3	2009 10 19.19967	11 23 51.59	+09 10 56.9	12.7 N	A77
C/2007 Q3	2009 10 19.20226	11 23 51.82	+09 10 58.9	12.8 N	A77
C/2007 Q3	2009 10 19.20253	11 23 51.86	+09 10 58.4	12.8 N	A77
C/2007 Q3	2009 10 19.20537	11 23 52.24	+09 10 58.5	12.7 N	A77
C/2007 Q3	2009 10 22.49857	11 30 15.71	+09 35 34.4	11.4 T	H06
C/2007 Q3	2009 10 22.50101	11 30 15.95	+09 35 35.5		H06
C/2007 Q3	2009 10 22.50346	11 30 16.23	+09 35 36.7		H06
C/2007 Q3	2009 10 24.18138	11 33 31.77	+09 48 35.5	12.7 N	A77
C/2007 Q3	2009 10 24.18573	11 33 32.30	+09 48 36.9	12.7 N	A77
C/2007 Q3	2009 10 24.18779	11 33 32.55	+09 48 38.6	12.8 N	A77
C/2007 Q3	2009 10 24.18986	11 33 32.81	+09 48 39.5	12.7 N	A77
C/2007 Q3	2009 10 24.82323	11 34 46.68	+09 53 38.7		367
C/2007 Q3	2009 10 24.83180	11 34 47.68	+09 53 42.7	11.5 T	367
C/2007 Q3	2009 10 25.18972	11 35 29.42	+09 56 32.9	12.7 N	A77
C/2007 Q3	2009 10 25.19406	11 35 29.93	+09 56 35.1	12.7 N	A77
C/2007 Q3	2009 10 25.19924	11 35 30.52	+09 56 37.6	12.7 N	A77
C/2007 Q3	2009 10 25.21797	11 35 32.76	+09 56 46.9	13.3 N	212
C/2007 Q3	2009 10 25.21919	11 35 32.88	+09 56 47.4	13.2 N	212
C/2007 Q3	2009 10 25.22038	11 35 33.04	+09 56 47.8	13.2 N	212
C/2007 Q3	2009 10 26.16462	11 37 23.21	+10 04 21.5		204
C/2007 Q3	2009 10 26.16630	11 37 23.40	+10 04 22.2		204
C/2007 Q3	2009 10 26.18553	11 37 25.65	+10 04 31.5	11.9 N	A77
C/2007 Q3	2009 10 26.19209	11 37 26.41	+10 04 34.8	13 N	204
C/2007 Q3	2009 10 26.83160	11 38 41.14	+10 09 46.5	12.3 N	372
C/2007 Q3	2009 10 28.19800	11 41 20.76	+10 21 01.5	12.9 N	A77
C/2007 Q3	2009 10 29.17339	11 43 14.72	+10 29 12.0	13.7 N	215
C/2007 Q3	2009 10 29.17410	11 43 14.79	+10 29 12.3	13.6 N	215
C/2007 Q3	2009 10 29.17480	11 43 14.89	+10 29 12.6	13.7 N	215

C/2007 Q3	2009 10 30.20218	11 45 15.03	+10 37 58.4	12.5 N	A77
C/2007 Q3	2009 10 30.20353	11 45 15.23	+10 37 57.8	11.9 N	A77

C/2007 U1 (LINEAR)

C/2007 U1	2009 09 27.86091	21 43 10.21	+13 17 34.1	18.3 N	204
C/2007 U1	2009 10 09.89030	21 31 26.61	+11 25 21.5	19.3 N	B81

C/2007 VO₅₃ (Spacewatch)

C/2007 VO ₅₃	2009 10 06.90604	04 06 23.08	+76 46 05.9	17.9 N	J40
C/2007 VO ₅₃	2009 10 06.90943	04 06 22.62	+76 46 08.6	17.9 N	J40
C/2007 VO ₅₃	2009 10 06.91412	04 06 22.00	+76 46 12.1	17.6 N	J40
C/2007 VO ₅₃	2009 10 14.96476	03 42 19.29	+78 38 06.0	17.4 N	J53
C/2007 VO ₅₃	2009 10 14.96667	03 42 18.87	+78 38 08.0	17.6 N	J53
C/2007 VO ₅₃	2009 10 14.96866	03 42 18.51	+78 38 09.3	17.3 N	J53
C/2007 VO ₅₃	2009 10 18.23481	03 29 09.09	+79 18 43.5	18.6 N	H45
C/2007 VO ₅₃	2009 10 18.23600	03 29 08.84	+79 18 44.0	18.7 N	H45
C/2007 VO ₅₃	2009 10 18.23786	03 29 08.27	+79 18 45.8	18.6 N	H45
C/2007 VO ₅₃	2009 10 18.23946	03 29 07.89	+79 18 46.7	18.6 N	H45
C/2007 VO ₅₃	2009 10 18.24135	03 29 07.29	+79 18 48.3	18.6 N	H45
C/2007 VO ₅₃	2009 10 18.24319	03 29 06.71	+79 18 49.4	18.6 N	H45
C/2007 VO ₅₃	2009 10 21.69010	03 12 44.95	+79 57 23.8	17.1 T	349
C/2007 VO ₅₃	2009 10 21.69198	03 12 44.41	+79 57 25.0		349
C/2007 VO ₅₃	2009 10 25.06336	02 54 11.52	+80 29 57.1	17.3 N	J53
C/2007 VO ₅₃	2009 10 25.07275	02 54 08.07	+80 30 02.4	17.5 N	J53
C/2007 VO ₅₃	2009 10 25.07460	02 54 07.55	+80 30 03.2	17.3 N	J53
C/2007 VO ₅₃	2009 10 26.88902	02 43 07.82	+80 45 01.4	17.1 N	J01
C/2007 VO ₅₃	2009 10 26.90912	02 43 00.27	+80 45 10.8	16.9 N	J01
C/2007 VO ₅₃	2009 10 26.93099	02 42 52.02	+80 45 20.7	16.9 N	J01

C/2008 A1 (McNaught)

C/2008 A1	2009 08 21.87014	10 27 10.07	+82 49 22.1	18.7 T	561
C/2008 A1	2009 08 21.87824	10 27 12.49	+82 49 20.5	18.9 T	561
C/2008 A1	2009 08 21.88264	10 27 14.83	+82 49 17.1	18.8 T	561

C/2008 FK₇₅ (Lemmon-Siding Spring)

C/2008 FK ₇₅	2009 03 27.47322	15 40 36.48	-02 32 22.8	16.8 T	G96
C/2008 FK ₇₅	2009 03 27.48090	15 40 36.40	-02 32 19.4	16.9 T	G96
C/2008 FK ₇₅	2009 03 27.48858	15 40 36.22	-02 32 16.4	16.9 T	G96
C/2008 FK ₇₅	2009 04 16.39991	15 35 27.41	+00 02 55.7		703
C/2008 FK ₇₅	2009 04 16.40954	15 35 27.17	+00 03 00.3		703
C/2008 FK ₇₅	2009 04 16.41427	15 35 27.06	+00 03 01.9		703
C/2008 FK ₇₅	2009 04 20.77021	15 33 52.57	+00 37 38.5	17.9 T	D29
C/2008 FK ₇₅	2009 04 20.78505	15 33 52.30	+00 37 45.6	18.0 T	D29
C/2008 FK ₇₅	2009 04 20.79741	15 33 52.02	+00 37 52.5	18.2 T	D29
C/2008 FK ₇₅	2009 04 20.80953	15 33 51.74	+00 37 58.6	18.1 T	D29
C/2008 FK ₇₅	2009 04 22.42503	15 33 14.61	+00 50 45.9	16.8 T	G96
C/2008 FK ₇₅	2009 04 22.43046	15 33 14.50	+00 50 48.8	16.8 T	G96
C/2008 FK ₇₅	2009 04 22.43607	15 33 14.32	+00 50 51.1	16.8 T	G96
C/2008 FK ₇₅	2009 04 22.44166	15 33 14.22	+00 50 53.9	16.8 T	G96
C/2008 FK ₇₅	2009 05 31.20978	15 15 52.51	+05 23 48.8	16.6 T	683
C/2008 FK ₇₅	2009 05 31.22320	15 15 52.16	+05 23 53.3	16.4 T	683
C/2008 FK ₇₅	2009 05 31.23656	15 15 51.82	+05 23 58.6	16.9 T	683
C/2008 FK ₇₅	2009 06 14.27524	15 10 14.48	+06 33 28.8		703
C/2008 FK ₇₅	2009 06 14.28164	15 10 14.35	+06 33 31.1	16.6 T	703
C/2008 FK ₇₅	2009 06 14.28798	15 10 14.20	+06 33 33.0		703

C/2008 FK ₇₅	2009 06 14.29438	15 10 14.02	+06 33 34.9		703
C/2008 FK ₇₅	2009 09 26.09199	15 26 51.94	+07 30 06.6	16.0 T	H06
C/2008 FK ₇₅	2009 09 26.09385	15 26 52.01	+07 30 06.6		H06
C/2008 FK ₇₅	2009 09 26.09571	15 26 52.08	+07 30 06.7		H06
C/2008 FK ₇₅	2009 09 30.09084	15 29 31.32	+07 26 34.4	16.4 T	H06
C/2008 FK ₇₅	2009 09 30.09363	15 29 31.44	+07 26 34.4		H06
C/2008 FK ₇₅	2009 09 30.09641	15 29 31.57	+07 26 34.4		H06
C/2008 FK ₇₅	2009 10 03.81405	15 32 05.88	+07 23 36.4	17.9 N	J47
C/2008 FK ₇₅	2009 10 03.81995	15 32 06.04	+07 23 35.5	18.2 N	J47
C/2008 FK ₇₅	2009 10 03.82363	15 32 06.19	+07 23 35.6	18.3 N	J47
C/2008 FK ₇₅	2009 10 04.40739	15 32 30.88	+07 23 07.5		900
C/2008 FK ₇₅	2009 10 04.41105	15 32 31.05	+07 23 08.2	16.4 N	900
C/2008 FK ₇₅	2009 10 06.77953	15 34 12.87	+07 21 26.8	16.9 N	B74
C/2008 FK ₇₅	2009 10 06.78390	15 34 13.01	+07 21 26.3	16.4 N	B74
C/2008 FK ₇₅	2009 10 06.78718	15 34 13.12	+07 21 26.2	16.9 N	B74

C/2008 J1 (Boattini)

C/2008 J1	2008 08 29.96005	13 55 41.65	+86 56 51.0		114
C/2008 J1	2008 08 29.97235	13 55 34.67	+86 56 43.7		114

C/2008 N1 (Holmes)

C/2008 N1	2009 09 15.83965	15 35 16.22	+37 40 32.2	18 N	629
C/2008 N1	2009 09 15.84811	15 35 15.88	+37 40 22.5		629
C/2008 N1	2009 09 22.77161	15 32 32.83	+35 19 57.3	17.5 N	629
C/2008 N1	2009 09 22.77985	15 32 32.70	+35 19 48.0		629
C/2008 N1	2009 09 30.10369	15 30 57.40	+33 03 37.2	16.3 T	H06
C/2008 N1	2009 09 30.10554	15 30 57.38	+33 03 34.9		H06
C/2008 N1	2009 09 30.10740	15 30 57.35	+33 03 32.8		H06
C/2008 N1	2009 10 04.42704	15 30 31.09	+31 49 09.7	16.9 T	900
C/2008 N1	2009 10 04.43061	15 30 30.96	+31 49 05.1		900
C/2008 N1	2009 10 06.79720	15 30 24.64	+31 10 11.0	17.2 N	B74
C/2008 N1	2009 10 06.80136	15 30 24.61	+31 10 05.7	17.0 N	B74
C/2008 N1	2009 10 06.80552	15 30 24.58	+31 10 01.6	17.1 N	B74
C/2008 N1	2009 10 09.10248	15 30 23.22	+30 33 31.2	16.0 T	H06
C/2008 N1	2009 10 09.10619	15 30 23.22	+30 33 27.3		H06
C/2008 N1	2009 10 10.41015	15 30 24.47	+30 13 15.5	16.4 T	349
C/2008 N1	2009 10 10.41270	15 30 24.48	+30 13 13.1		349
C/2008 N1	2009 10 11.77862	15 30 27.16	+29 52 27.0	16.9 N	939
C/2008 N1	2009 10 11.78515	15 30 27.22	+29 52 21.3	16.9 N	939
C/2008 N1	2009 10 11.79166	15 30 27.25	+29 52 15.9	17.0 N	939
C/2008 N1	2009 10 12.09479	15 30 27.96	+29 47 43.7	16.3 T	H06
C/2008 N1	2009 10 12.10053	15 30 28.02	+29 47 38.2		H06
C/2008 N1	2009 10 15.82888	15 30 43.41	+28 53 23.1	17.1 N	J38
C/2008 N1	2009 10 15.83402	15 30 43.44	+28 53 18.7	17.0 N	J38
C/2008 N1	2009 10 15.84173	15 30 43.47	+28 53 11.8	17.0 N	J38
C/2008 N1	2009 10 24.76297	15 31 54.71	+26 55 53.4	17.1 N	939
C/2008 N1	2009 10 24.77044	15 31 54.82	+26 55 46.8	17.0 N	939
C/2008 N1	2009 10 24.77789	15 31 54.87	+26 55 40.5	17.0 N	939
C/2008 N1	2009 10 25.80194	15 32 05.57	+26 43 19.3	17.0 N	J38
C/2008 N1	2009 10 25.80490	15 32 05.62	+26 43 17.1	17.0 N	J38
C/2008 N1	2009 10 25.80786	15 32 05.61	+26 43 14.4	17.0 N	J38

P/2008 O2 (McNaught)

P/2008 O2	2009 09 27.93606	00 55 47.09	+16 32 54.6		204
P/2008 O2	2009 09 28.14862	00 55 39.02	+16 32 31.5	19.2 N	204
P/2008 O2	2009 09 29.02072	00 55 06.70	+16 30 57.1	18.8 N	160
P/2008 O2	2009 09 29.33317	00 54 54.93	+16 30 22.0	19.2 T	G96
P/2008 O2	2009 09 29.33987	00 54 54.68	+16 30 21.0	19.3 T	G96
P/2008 O2	2009 09 29.34683	00 54 54.46	+16 30 20.7	19.1 T	G96
P/2008 O2	2009 09 29.35380	00 54 54.18	+16 30 19.1	18.9 T	G96
P/2008 O2	2009 10 11.92204	00 46 55.20	+16 00 02.0	19.0 N	B49
P/2008 O2	2009 10 13.98630	00 45 37.13	+15 54 00.2	18.8 N	160
P/2008 O2	2009 10 13.98901	00 45 36.95	+15 54 01.3	19.0 N	160
P/2008 O2	2009 10 13.99171	00 45 36.93	+15 54 02.7		160
P/2008 O2	2009 10 15.56220	00 44 38.55	+15 49 16.9		900
P/2008 O2	2009 10 15.57281	00 44 37.99	+15 49 15.0	17.8 N	900
P/2008 O2	2009 10 15.94473	00 44 24.35	+15 48 07.9	18.8 N	J01
P/2008 O2	2009 10 16.22260	00 44 14.24	+15 47 16.5	19.4 T	704
P/2008 O2	2009 10 16.23576	00 44 13.63	+15 47 16.1	19.7 T	704
P/2008 O2	2009 10 16.24892	00 44 13.24	+15 47 12.8	19.9 T	704
P/2008 O2	2009 10 16.27526	00 44 12.32	+15 47 07.1	20.2 T	704
P/2008 O2	2009 10 16.29951	00 44 11.11	+15 47 03.3	18.7 T	703
P/2008 O2	2009 10 16.30756	00 44 10.82	+15 47 01.3	18.6 T	703
P/2008 O2	2009 10 16.31561	00 44 10.57	+15 47 00.2	18.4 T	703
P/2008 O2	2009 10 16.32362	00 44 10.21	+15 46 58.8	18.8 T	703
P/2008 O2	2009 10 19.28575	00 42 23.25	+15 37 44.0	19.0 T	H45
P/2008 O2	2009 10 19.28920	00 42 22.90	+15 37 42.1	18.9 T	H45
P/2008 O2	2009 10 19.29099	00 42 22.88	+15 37 41.9	19.0 T	H45
P/2008 O2	2009 10 19.29307	00 42 22.77	+15 37 41.7	19.0 T	H45
P/2008 O2	2009 10 19.29584	00 42 22.72	+15 37 41.5	19.0 T	H45
P/2008 O2	2009 10 19.29715	00 42 22.61	+15 37 41.5	19.0 T	H45
P/2008 O2	2009 10 24.23132	00 39 32.76	+15 21 40.1	18.6 T	703
P/2008 O2	2009 10 24.24105	00 39 32.40	+15 21 38.3	18.8 T	703
P/2008 O2	2009 10 24.25078	00 39 32.07	+15 21 37.2	18.9 T	703
P/2008 O2	2009 10 24.26051	00 39 31.82	+15 21 35.3	19.1 T	703
P/2008 O2	2009 10 24.30667	00 39 30.20	+15 21 25.7	19.1 T	703
P/2008 O2	2009 10 24.31715	00 39 29.88	+15 21 24.5	18.1 T	703
P/2008 O2	2009 10 24.93537	00 39 09.64	+15 19 21.1	19.1 N	160
P/2008 O2	2009 10 25.86257	00 38 39.68	+15 16 18.0	18.4 N	235
P/2008 O2	2009 10 25.91080	00 38 38.11	+15 16 09.1	19.4 N	160
P/2008 O2	2009 10 26.84078	00 38 08.66	+15 13 06.7	19.9 N	160
P/2008 O2	2009 10 26.84359	00 38 08.63	+15 13 03.7	19.9 N	160

C/2008 P1 (Garradd)

C/2008 P1	2009 09 15.91545	00 02 48.58	+28 25 02.3	17.0 N	629
C/2008 P1	2009 09 15.92354	00 02 47.93	+28 25 05.6		629
C/2008 P1	2009 09 20.34804	23 57 02.77	+28 57 58.1	16.4 N	H10
C/2008 P1	2009 09 22.93780	23 53 38.21	+29 15 22.9	16.5 N	629
C/2008 P1	2009 09 22.94586	23 53 37.57	+29 15 25.6		629
C/2008 P1	2009 09 27.92888	23 47 02.36	+29 44 54.0		204
C/2008 P1	2009 09 28.14084	23 46 45.40	+29 46 01.4	16.0 N	204
C/2008 P1	2009 09 29.00076	23 45 37.53	+29 50 34.9	16.9 N	160
C/2008 P1	2009 09 29.00351	23 45 37.30	+29 50 35.8	16.9 N	160
C/2008 P1	2009 09 29.00640	23 45 37.09	+29 50 36.4	16.9 N	160
C/2008 P1	2009 09 30.81782	23 43 14.58	+29 59 38.5	16.9 N	213

C/2008 P1	2009 09 30.82377	23 43 14.15	+29 59 40.7	16.7 N	213
C/2008 P1	2009 09 30.82773	23 43 13.81	+29 59 42.4	16.8 N	213
C/2008 P1	2009 09 30.89046	23 43 08.91	+29 59 59.0	16.8 N	J51
C/2008 P1	2009 09 30.89712	23 43 08.36	+30 00 01.8	16.8 N	J51
C/2008 P1	2009 09 30.90379	23 43 07.84	+30 00 04.3	16.7 N	J51
C/2008 P1	2009 10 01.89898	23 41 49.93	+30 04 46.0	16.9 N	J47
C/2008 P1	2009 10 01.90000	23 41 49.85	+30 04 45.8	17.1 N	J47
C/2008 P1	2009 10 01.90306	23 41 49.52	+30 04 47.3	16.9 N	J47
C/2008 P1	2009 10 04.83159	23 38 02.39	+30 17 21.9	16.8 N	213
C/2008 P1	2009 10 04.83491	23 38 02.12	+30 17 22.9	16.7 N	213
C/2008 P1	2009 10 04.83989	23 38 01.73	+30 17 24.4	17.1 N	213
C/2008 P1	2009 10 05.03189	23 37 46.87	+30 18 11.0	16.8 N	J47
C/2008 P1	2009 10 05.03593	23 37 46.53	+30 18 12.0	17.6 N	J47
C/2008 P1	2009 10 05.04375	23 37 45.95	+30 18 14.4	16.7 N	J47
C/2008 P1	2009 10 06.89715	23 35 24.55	+30 25 15.9	17.1 N	585
C/2008 P1	2009 10 06.90369	23 35 24.13	+30 25 16.8	17.0 N	585
C/2008 P1	2009 10 06.91041	23 35 23.64	+30 25 18.7	17.1 N	585
C/2008 P1	2009 10 08.90493	23 32 53.78	+30 32 10.0	16.7 N	939
C/2008 P1	2009 10 08.91096	23 32 53.33	+30 32 11.5	16.7 N	939
C/2008 P1	2009 10 08.91700	23 32 52.88	+30 32 13.0	16.7 N	939
C/2008 P1	2009 10 08.98850	23 32 47.51	+30 32 27.9	16.4 N	J40
C/2008 P1	2009 10 08.99215	23 32 47.17	+30 32 28.3	16.9 N	J40
C/2008 P1	2009 10 08.99529	23 32 46.93	+30 32 28.8	16.9 N	J40
C/2008 P1	2009 10 09.25419	23 32 27.82	+30 33 19.7	16.9 N	H10
C/2008 P1	2009 10 09.26351	23 32 27.10	+30 33 21.7	15.7 N	H10
C/2008 P1	2009 10 09.28175	23 32 25.75	+30 33 24.7	16.8 N	H10
C/2008 P1	2009 10 09.29103	23 32 25.05	+30 33 26.7	16.8 N	H10
C/2008 P1	2009 10 09.61183	23 32 01.29	+30 34 27.0		900
C/2008 P1	2009 10 09.61889	23 32 00.78	+30 34 28.3	16.9 N	900
C/2008 P1	2009 10 09.84715	23 31 44.12	+30 35 10.8	16.8 T	442
C/2008 P1	2009 10 09.84998	23 31 43.87	+30 35 10.4	16.8 T	442
C/2008 P1	2009 10 09.96225	23 31 35.51	+30 35 32.7	16.8 N	J47
C/2008 P1	2009 10 09.96761	23 31 35.12	+30 35 33.7	16.9 N	J47
C/2008 P1	2009 10 09.98370	23 31 33.89	+30 35 36.8	16.8 N	J47
C/2008 P1	2009 10 10.33309	23 31 08.16	+30 36 40.2	16.4 N	H10
C/2008 P1	2009 10 10.33674	23 31 07.81	+30 36 41.3	17.2 N	H10
C/2008 P1	2009 10 10.63245	23 30 46.21	+30 37 33.0	15.9 T	349
C/2008 P1	2009 10 10.63814	23 30 45.79	+30 37 34.1		349
C/2008 P1	2009 10 10.64382	23 30 45.36	+30 37 34.9		349
C/2008 P1	2009 10 11.04157	23 30 16.30	+30 38 44.2	16.8 N	939
C/2008 P1	2009 10 11.04760	23 30 15.87	+30 38 45.0	16.8 N	939
C/2008 P1	2009 10 11.05365	23 30 15.45	+30 38 46.3	16.8 N	939
C/2008 P1	2009 10 11.78492	23 29 22.62	+30 40 51.0	17.1 N	B49
C/2008 P1	2009 10 11.78780	23 29 22.40	+30 40 51.0	17.0 N	B49
C/2008 P1	2009 10 11.79020	23 29 22.22	+30 40 51.1	16.6 N	B49
C/2008 P1	2009 10 11.84556	23 29 18.20	+30 41 01.3	16.8 N	A06
C/2008 P1	2009 10 11.85622	23 29 17.40	+30 41 02.9	16.8 N	A06
C/2008 P1	2009 10 11.86475	23 29 16.78	+30 41 04.1	16.8 N	A06
C/2008 P1	2009 10 11.93196	23 29 11.85	+30 41 15.6	16.9 N	213
C/2008 P1	2009 10 11.93221	23 29 11.84	+30 41 15.3	16.9 N	939
C/2008 P1	2009 10 11.93637	23 29 11.54	+30 41 16.4	16.9 N	213
C/2008 P1	2009 10 11.93845	23 29 11.39	+30 41 16.0	16.9 N	939
C/2008 P1	2009 10 11.94079	23 29 11.20	+30 41 17.1	16.8 N	213

C/2008 P1	2009 10 11.94684	23 29 10.76	+30 41 17.7	16.9 N	232
C/2008 P1	2009 10 11.94785	23 29 10.72	+30 41 17.3	16.9 N	939
C/2008 P1	2009 10 11.94874	23 29 10.58	+30 41 18.7	16.7 N	J53
C/2008 P1	2009 10 11.94937	23 29 10.58	+30 41 18.3	16.8 N	232
C/2008 P1	2009 10 11.95191	23 29 10.41	+30 41 18.6	16.8 N	232
C/2008 P1	2009 10 11.95271	23 29 10.29	+30 41 19.3	16.7 N	J53
C/2008 P1	2009 10 11.95469	23 29 10.14	+30 41 19.6	16.8 N	J53
C/2008 P1	2009 10 12.30162	23 28 45.17	+30 42 16.2	17.0 N	H10
C/2008 P1	2009 10 12.31773	23 28 44.00	+30 42 18.6	16.9 N	H10
C/2008 P1	2009 10 12.32797	23 28 43.26	+30 42 20.2	16.9 N	H10
C/2008 P1	2009 10 13.85411	23 26 54.93	+30 46 13.6	16.6 N	J47
C/2008 P1	2009 10 13.86959	23 26 53.82	+30 46 16.4	17.9 N	J47
C/2008 P1	2009 10 13.88462	23 26 52.78	+30 46 18.2	16.8 N	J47
C/2008 P1	2009 10 13.88490	23 26 52.65	+30 46 18.4	16.6 N	B83
C/2008 P1	2009 10 13.92830	23 26 49.57	+30 46 23.7	16.7 N	945
C/2008 P1	2009 10 13.93250	23 26 49.31	+30 46 24.2	16.8 N	945
C/2008 P1	2009 10 13.93516	23 26 49.11	+30 46 24.8	16.7 N	945
C/2008 P1	2009 10 13.93801	23 26 48.88	+30 46 25.8	16.7 N	945
C/2008 P1	2009 10 13.93856	23 26 48.83	+30 46 24.9	16.6 N	B83
C/2008 P1	2009 10 13.94410	23 26 48.50	+30 46 26.0	16.8 N	945
C/2008 P1	2009 10 13.94582	23 26 48.31	+30 46 26.4	17.1 N	160
C/2008 P1	2009 10 13.94870	23 26 48.11	+30 46 26.8	17.2 N	160
C/2008 P1	2009 10 13.95134	23 26 47.92	+30 46 27.0	17.1 N	160
C/2008 P1	2009 10 14.88143	23 25 42.93	+30 48 38.1	16.8 N	J53
C/2008 P1	2009 10 14.88787	23 25 42.49	+30 48 38.9	16.8 N	J53
C/2008 P1	2009 10 14.89001	23 25 42.35	+30 48 38.8	16.8 N	J53
C/2008 P1	2009 10 14.93652	23 25 39.15	+30 48 44.6	16.9 N	J38
C/2008 P1	2009 10 14.94134	23 25 38.81	+30 48 45.3	16.9 N	J38
C/2008 P1	2009 10 14.94856	23 25 38.29	+30 48 46.3	16.9 N	J38
C/2008 P1	2009 10 14.99301	23 25 35.07	+30 48 52.1	16.7 N	945
C/2008 P1	2009 10 14.99558	23 25 34.90	+30 48 52.2	16.8 N	945
C/2008 P1	2009 10 15.00426	23 25 34.35	+30 48 53.4	16.6 N	945
C/2008 P1	2009 10 15.01565	23 25 33.54	+30 48 55.3	16.8 N	945
C/2008 P1	2009 10 15.01793	23 25 33.33	+30 48 55.4	16.8 N	945
C/2008 P1	2009 10 15.52327	23 24 58.58	+30 50 02.8	16.8 N	900
C/2008 P1	2009 10 15.52932	23 24 58.17	+30 50 03.7		900
C/2008 P1	2009 10 15.88732	23 24 33.65	+30 50 50.8	16.9 N	J47
C/2008 P1	2009 10 15.89641	23 24 32.98	+30 50 51.9	17.1 N	J47
C/2008 P1	2009 10 15.90079	23 24 32.69	+30 50 50.9	16.9 N	J38
C/2008 P1	2009 10 15.90328	23 24 32.52	+30 50 51.2	16.9 N	J38
C/2008 P1	2009 10 15.91078	23 24 31.99	+30 50 52.2	17.0 N	J38
C/2008 P1	2009 10 15.91192	23 24 31.95	+30 50 52.4	16.8 N	J47
C/2008 P1	2009 10 15.98280	23 24 26.94	+30 51 01.3	16.7 N	945
C/2008 P1	2009 10 15.98492	23 24 26.84	+30 51 01.5	16.7 N	945
C/2008 P1	2009 10 15.99125	23 24 26.36	+30 51 02.4	16.6 N	945
C/2008 P1	2009 10 15.99789	23 24 25.89	+30 51 03.4	16.8 N	945
C/2008 P1	2009 10 16.00235	23 24 25.59	+30 51 04.0	16.8 N	945
C/2008 P1	2009 10 16.75637	23 23 34.60	+30 52 35.1	16.4 N	A77
C/2008 P1	2009 10 16.76338	23 23 34.15	+30 52 35.6	16.4 N	A77
C/2008 P1	2009 10 16.76963	23 23 33.74	+30 52 36.1	16.2 N	A77
C/2008 P1	2009 10 16.83727	23 23 29.04	+30 52 46.0	16.9 N	A06
C/2008 P1	2009 10 16.83911	23 23 28.92	+30 52 46.2	17.0 N	B70
C/2008 P1	2009 10 16.85073	23 23 28.52	+30 52 56.9	16.5 N	B49

C/2008 P1	2009 10 16.85429	23 23 27.88	+30 52 48.0	17.1 N	B70	C/2008 P1	2009 10 18.06722	23 22 06.60	+30 55 04.2	16.9 N	939
C/2008 P1	2009 10 16.85557	23 23 28.20	+30 52 56.9	16.0 N	B49	C/2008 P1	2009 10 18.22039	23 21 56.67	+30 55 19.7	17.9 T	704
C/2008 P1	2009 10 16.85960	23 23 27.87	+30 52 56.0	17.2 N	B49	C/2008 P1	2009 10 18.23363	23 21 55.75	+30 55 21.4	18.1 T	704
C/2008 P1	2009 10 16.86898	23 23 26.86	+30 52 49.8	17.0 N	B70	C/2008 P1	2009 10 18.24686	23 21 54.83	+30 55 23.8	18.0 T	704
C/2008 P1	2009 10 16.89191	23 23 25.29	+30 52 52.4	16.9 N	A06	C/2008 P1	2009 10 18.26011	23 21 54.00	+30 55 25.3	18.1 T	704
C/2008 P1	2009 10 16.90514	23 23 24.34	+30 52 54.2	16.8 N	J53	C/2008 P1	2009 10 18.27334	23 21 53.04	+30 55 26.8	18.2 T	704
C/2008 P1	2009 10 16.90572	23 23 24.34	+30 52 53.2	17.0 N	213	C/2008 P1	2009 10 18.80575	23 21 18.19	+30 56 23.4	17.6 N	B81
C/2008 P1	2009 10 16.90856	23 23 24.16	+30 52 54.3	17.0 N	213	C/2008 P1	2009 10 18.87351	23 21 13.70	+30 56 29.3	16.8 N	J01
C/2008 P1	2009 10 16.90943	23 23 24.03	+30 52 54.8	16.8 N	J53	C/2008 P1	2009 10 18.89172	23 21 12.55	+30 56 30.9	16.6 N	J01
C/2008 P1	2009 10 16.91237	23 23 23.83	+30 52 55.2	16.9 N	J53	C/2008 P1	2009 10 18.89347	23 21 12.33	+30 56 31.7	16.9 N	B75
C/2008 P1	2009 10 16.91405	23 23 23.77	+30 52 54.8	16.9 N	213	C/2008 P1	2009 10 18.91337	23 21 11.09	+30 56 33.5	17.0 N	J38
C/2008 P1	2009 10 16.93744	23 23 22.17	+30 52 57.8	16.9 N	A06	C/2008 P1	2009 10 18.91362	23 21 10.96	+30 56 34.4	16.7 N	J53
C/2008 P1	2009 10 16.98524	23 23 18.96	+30 53 02.0	16.9 N	A01	C/2008 P1	2009 10 18.92040	23 21 10.53	+30 56 35.1	16.8 N	J53
C/2008 P1	2009 10 16.98918	23 23 18.67	+30 53 02.6	17.0 N	A01	C/2008 P1	2009 10 18.92087	23 21 10.62	+30 56 34.0	16.7 N	J01
C/2008 P1	2009 10 16.99508	23 23 18.26	+30 53 03.2	17.0 N	A01	C/2008 P1	2009 10 18.92266	23 21 10.43	+30 56 35.5	16.6 N	J53
C/2008 P1	2009 10 17.00441	23 23 17.56	+30 53 05.4	16.8 N	945	C/2008 P1	2009 10 18.92335	23 21 10.42	+30 56 34.6	17.0 N	J38
C/2008 P1	2009 10 17.00811	23 23 17.28	+30 53 05.4	16.8 N	945	C/2008 P1	2009 10 18.92585	23 21 10.26	+30 56 35.1	16.9 N	J38
C/2008 P1	2009 10 17.01108	23 23 17.04	+30 53 06.3	16.8 N	945	C/2008 P1	2009 10 19.25079	23 20 49.01	+30 57 07.7	16.9 N	H45
C/2008 P1	2009 10 17.01484	23 23 16.89	+30 53 06.7	16.7 N	945	C/2008 P1	2009 10 19.25195	23 20 48.97	+30 57 07.9	16.9 N	H45
C/2008 P1	2009 10 17.02150	23 23 16.43	+30 53 07.3	17.8 N	987	C/2008 P1	2009 10 19.25345	23 20 48.85	+30 57 08.0	17.1 N	H45
C/2008 P1	2009 10 17.02179	23 23 16.35	+30 53 07.3	16.8 N	945	C/2008 P1	2009 10 19.25580	23 20 48.69	+30 57 08.0	17.0 N	H45
C/2008 P1	2009 10 17.02372	23 23 16.26	+30 53 07.6	18.3 N	987	C/2008 P1	2009 10 19.25648	23 20 48.62	+30 57 08.0	17.0 N	H45
C/2008 P1	2009 10 17.02538	23 23 16.17	+30 53 08.3	17.9 N	987	C/2008 P1	2009 10 19.25927	23 20 48.45	+30 57 08.2	17.1 N	H45
C/2008 P1	2009 10 17.25628	23 23 00.68	+30 53 34.8	17.1 N	H45	C/2008 P1	2009 10 19.87325	23 20 08.94	+30 58 07.3	16.6 N	B75
C/2008 P1	2009 10 17.25880	23 23 00.51	+30 53 35.3	17.1 N	H45	C/2008 P1	2009 10 20.20809	23 19 47.51	+30 58 37.4	16.8 N	H06
C/2008 P1	2009 10 17.26262	23 23 00.25	+30 53 35.7	16.9 N	H45	C/2008 P1	2009 10 20.21220	23 19 47.23	+30 58 37.6	16.8 N	H06
C/2008 P1	2009 10 17.26677	23 23 00.05	+30 53 36.3	16.9 N	H45	C/2008 P1	2009 10 20.21624	23 19 46.97	+30 58 37.9	16.8 N	H06
C/2008 P1	2009 10 17.27986	23 22 59.04	+30 53 39.1	17.0 N	H45	C/2008 P1	2009 10 20.57547	23 19 24.02	+30 59 12.1	17.8 N	379
C/2008 P1	2009 10 17.28383	23 22 58.86	+30 53 39.7	17.0 N	H45	C/2008 P1	2009 10 20.57770	23 19 23.91	+30 59 11.7		379
C/2008 P1	2009 10 17.78293	23 22 25.59	+30 54 35.4	17.5 N	B96	C/2008 P1	2009 10 20.59034	23 19 23.07	+30 59 12.8		379
C/2008 P1	2009 10 17.80622	23 22 24.34	+30 54 36.6	17.9 N	B96	C/2008 P1	2009 10 20.81657	23 19 08.93	+30 59 32.1	17.8 T	A21
C/2008 P1	2009 10 17.81222	23 22 23.91	+30 54 36.6	16.9 N	232	C/2008 P1	2009 10 20.82275	23 19 08.51	+30 59 32.2	17.6 T	A21
C/2008 P1	2009 10 17.81469	23 22 23.60	+30 54 37.9	17.2 N	B96	C/2008 P1	2009 10 20.82894	23 19 08.15	+30 59 33.4	17.6 T	A21
C/2008 P1	2009 10 17.81730	23 22 23.56	+30 54 37.3	17.0 N	232	C/2008 P1	2009 10 20.90734	23 19 03.16	+30 59 40.2	17.0 N	J38
C/2008 P1	2009 10 17.82491	23 22 23.05	+30 54 38.2	16.9 N	232	C/2008 P1	2009 10 20.91811	23 19 02.47	+30 59 41.1	17.0 N	J38
C/2008 P1	2009 10 17.82638	23 22 22.74	+30 54 38.3	17.1 N	B84	C/2008 P1	2009 10 20.92347	23 19 02.13	+30 59 41.7	17.0 N	J38
C/2008 P1	2009 10 17.82838	23 22 22.60	+30 54 39.0	17.1 N	B84	C/2008 P1	2009 10 21.21862	23 18 43.56	+31 00 07.4	17.1 N	H53
C/2008 P1	2009 10 17.83038	23 22 22.46	+30 54 39.4	17.4 N	B84	C/2008 P1	2009 10 21.22280	23 18 43.28	+31 00 06.8	17.7 N	H53
C/2008 P1	2009 10 17.83240	23 22 22.32	+30 54 39.4	17.7 N	B84	C/2008 P1	2009 10 21.22697	23 18 43.00	+31 00 08.2	17.7 N	H53
C/2008 P1	2009 10 17.85345	23 22 20.94	+30 54 41.3	17.5 N	970	C/2008 P1	2009 10 21.23113	23 18 42.71	+31 00 07.0	17.4 N	H53
C/2008 P1	2009 10 17.91177	23 22 17.03	+30 54 47.4	17.0 N	212	C/2008 P1	2009 10 21.23530	23 18 42.43	+31 00 08.2	17.6 N	H53
C/2008 P1	2009 10 17.91468	23 22 16.88	+30 54 48.2	17.0 N	212	C/2008 P1	2009 10 21.24008	23 18 42.17	+31 00 08.3	17.6 N	H53
C/2008 P1	2009 10 17.91753	23 22 16.66	+30 54 48.3	16.9 N	212	C/2008 P1	2009 10 21.44992	23 18 29.19	+31 00 26.3	17.8 N	379
C/2008 P1	2009 10 17.93700	23 22 15.27	+30 54 51.2	16.8 N	945	C/2008 P1	2009 10 21.45284	23 18 28.99	+31 00 26.6	17.8 N	379
C/2008 P1	2009 10 17.96105	23 22 13.67	+30 54 53.6	16.9 N	945	C/2008 P1	2009 10 21.47924	23 18 27.30	+31 00 28.0	17.8 N	379
C/2008 P1	2009 10 17.96366	23 22 13.47	+30 54 54.3	16.9 N	945	C/2008 P1	2009 10 21.62569	23 18 18.08	+31 00 41.5	16.5 N	372
C/2008 P1	2009 10 17.96687	23 22 13.28	+30 54 54.5	16.9 N	945	C/2008 P1	2009 10 21.63715	23 18 17.35	+31 00 40.5	16.6 N	372
C/2008 P1	2009 10 17.97279	23 22 12.94	+30 54 54.1	17.0 N	J38	C/2008 P1	2009 10 21.81485	23 18 06.55	+31 00 54.5	16.9 N	213
C/2008 P1	2009 10 17.97286	23 22 12.85	+30 54 55.0	16.8 N	945	C/2008 P1	2009 10 21.82006	23 18 06.19	+31 00 55.7	17.0 N	213
C/2008 P1	2009 10 17.97561	23 22 12.75	+30 54 54.5	16.9 N	J38	C/2008 P1	2009 10 21.82266	23 18 06.04	+31 00 55.6	17.0 N	213
C/2008 P1	2009 10 17.98344	23 22 12.25	+30 54 55.6	16.9 N	J38	C/2008 P1	2009 10 22.91928	23 16 58.83	+31 02 20.2	17.1 N	J51
C/2008 P1	2009 10 18.05363	23 22 07.52	+30 55 02.5	16.9 N	939	C/2008 P1	2009 10 22.92571	23 16 58.43	+31 02 20.6	17.2 N	J51
C/2008 P1	2009 10 18.06041	23 22 07.05	+30 55 03.4	16.9 N	939	C/2008 P1	2009 10 22.93214	23 16 58.02	+31 02 21.1	16.9 N	J51

C/2008 P1	2009 10 24.27134	23 15 37.88	+31 03 51.9	16.8 N	H45
C/2008 P1	2009 10 24.27353	23 15 37.73	+31 03 52.1	16.8 N	H45
C/2008 P1	2009 10 24.28841	23 15 36.85	+31 03 53.0	16.7 N	H45
C/2008 P1	2009 10 24.29028	23 15 36.74	+31 03 53.0	16.9 N	H45
C/2008 P1	2009 10 24.29137	23 15 36.69	+31 03 53.1	16.9 N	H45
C/2008 P1	2009 10 24.29343	23 15 36.55	+31 03 52.9	16.9 N	H45
C/2008 P1	2009 10 24.83611	23 15 04.99	+31 04 26.4	17.1 N	B49
C/2008 P1	2009 10 24.83973	23 15 04.79	+31 04 26.0	16.5 N	B49
C/2008 P1	2009 10 24.84177	23 15 04.61	+31 04 26.8	17.6 N	160
C/2008 P1	2009 10 24.84335	23 15 04.54	+31 04 27.0	17.0 N	B49
C/2008 P1	2009 10 24.84427	23 15 04.49	+31 04 26.8	17.6 N	160
C/2008 P1	2009 10 24.84561	23 15 04.38	+31 04 27.2	17.6 N	160
C/2008 P1	2009 10 24.92345	23 14 59.82	+31 04 31.4	16.9 N	939
C/2008 P1	2009 10 24.92888	23 14 59.54	+31 04 32.8	17.0 N	J47
C/2008 P1	2009 10 24.93124	23 14 59.38	+31 04 31.7	17.0 N	939
C/2008 P1	2009 10 24.93903	23 14 58.95	+31 04 31.7	17.0 N	939
C/2008 P1	2009 10 24.94058	23 14 58.83	+31 04 33.5	16.8 N	J47
C/2008 P1	2009 10 24.95042	23 14 58.25	+31 04 33.7	17.0 N	J47
C/2008 P1	2009 10 24.95095	23 14 58.13	+31 04 33.7	17.0 N	J53
C/2008 P1	2009 10 24.95346	23 14 57.97	+31 04 34.0	16.9 N	J53
C/2008 P1	2009 10 24.95720	23 14 57.84	+31 04 34.2	17.5 N	J10
C/2008 P1	2009 10 24.95846	23 14 57.70	+31 04 34.3	16.9 N	J53
C/2008 P1	2009 10 24.95885	23 14 57.71	+31 04 34.5	17.4 N	J10
C/2008 P1	2009 10 25.01037	23 14 54.55	+31 04 37.1	17.8 N	J10
C/2008 P1	2009 10 25.79419	23 14 09.86	+31 05 22.4	16.6 N	J76
C/2008 P1	2009 10 25.80262	23 14 09.36	+31 05 22.9	17.1 N	J76
C/2008 P1	2009 10 25.81100	23 14 08.87	+31 05 23.0	17.0 N	J76
C/2008 P1	2009 10 25.81149	23 14 08.81	+31 05 23.0	17.8 N	160
C/2008 P1	2009 10 25.81308	23 14 08.74	+31 05 23.1	17.6 N	160
C/2008 P1	2009 10 25.84156	23 14 07.02	+31 05 25.0	16.7 N	B96
C/2008 P1	2009 10 25.85295	23 14 06.46	+31 05 25.5	17.4 N	B96
C/2008 P1	2009 10 25.85995	23 14 06.07	+31 05 25.2	17.0 N	J38
C/2008 P1	2009 10 25.86587	23 14 05.73	+31 05 25.4	17.0 N	J38
C/2008 P1	2009 10 25.86713	23 14 05.65	+31 05 26.6	16.9 N	J47
C/2008 P1	2009 10 25.87179	23 14 05.39	+31 05 25.5	17.0 N	J38
C/2008 P1	2009 10 25.87301	23 14 05.27	+31 05 25.7	17.1 N	235
C/2008 P1	2009 10 25.87460	23 14 05.20	+31 05 26.9	18.2 N	J47
C/2008 P1	2009 10 25.87572	23 14 05.12	+31 05 25.9	17.1 N	B96
C/2008 P1	2009 10 25.88581	23 14 04.56	+31 05 27.7	16.9 N	J47
C/2008 P1	2009 10 25.92497	23 14 02.29	+31 05 28.4	17.0 N	945
C/2008 P1	2009 10 25.92807	23 14 02.13	+31 05 28.3	17.0 N	945
C/2008 P1	2009 10 25.93407	23 14 01.74	+31 05 29.1	17.0 N	945
C/2008 P1	2009 10 25.93679	23 14 01.59	+31 05 29.4	16.9 N	945
C/2008 P1	2009 10 25.93978	23 14 01.43	+31 05 29.1	16.9 N	945
C/2008 P1	2009 10 26.78893	23 13 13.83	+31 06 13.8	16.7 N	160
C/2008 P1	2009 10 26.79168	23 13 13.67	+31 06 14.2	17.0 N	160
C/2008 P1	2009 10 26.79436	23 13 13.51	+31 06 14.1	17.1 N	160
C/2008 P1	2009 10 26.82619	23 13 11.75	+31 06 16.1	17.1 N	J97
C/2008 P1	2009 10 26.82862	23 13 11.61	+31 06 16.1	17.1 N	J97
C/2008 P1	2009 10 26.83106	23 13 11.45	+31 06 16.0	17.1 N	J97
C/2008 P1	2009 10 26.88554	23 13 08.43	+31 06 17.8	17.0 N	J38
C/2008 P1	2009 10 26.89156	23 13 08.08	+31 06 18.2	17.0 N	J38
C/2008 P1	2009 10 26.90060	23 13 07.55	+31 06 18.9	17.0 N	J38

C/2008 P1	2009 10 26.98440	23 13 02.78	+31 06 23.0	17.0 N	945
C/2008 P1	2009 10 26.99053	23 13 02.44	+31 06 22.7	16.8 N	945
C/2008 P1	2009 10 26.99745	23 13 02.02	+31 06 22.9	16.9 N	945
C/2008 P1	2009 10 27.00041	23 13 01.89	+31 06 22.7	16.9 N	945
C/2008 P1	2009 10 27.00346	23 13 01.72	+31 06 22.4	17.0 N	945
C/2008 P1	2009 10 27.83078	23 12 16.51	+31 07 02.4	16.7 N	B74
C/2008 P1	2009 10 27.83614	23 12 16.23	+31 07 02.8	16.9 N	B74
C/2008 P1	2009 10 27.84227	23 12 15.92	+31 07 03.2	16.9 N	B74

C/2008 S3 (Boattini)

C/2008 S3	2009 09 29.14317	03 31 29.23	+20 33 56.0	19.3 N	160
C/2008 S3	2009 09 29.14598	03 31 29.21	+20 33 56.3	18.9 N	160
C/2008 S3	2009 09 29.14608	03 31 29.15	+20 33 56.3	18.8 N	160
C/2008 S3	2009 09 29.14877	03 31 29.07	+20 33 56.6	19.2 N	160
C/2008 S3	2009 10 01.11181	03 30 22.14	+20 32 19.5	17.3 N	A77
C/2008 S3	2009 10 01.11492	03 30 22.05	+20 32 18.8	17.1 N	A77
C/2008 S3	2009 10 01.11959	03 30 21.88	+20 32 18.6	17.3 N	A77
C/2008 S3	2009 10 04.02831	03 28 39.02	+20 29 42.5	17.6 N	J47
C/2008 S3	2009 10 04.03936	03 28 38.73	+20 29 40.2	17.9 N	J47
C/2008 S3	2009 10 04.07015	03 28 37.60	+20 29 38.2	19.5 N	160
C/2008 S3	2009 10 11.38866	03 24 01.26	+20 21 39.4	17.8 T	703
C/2008 S3	2009 10 11.39347	03 24 01.11	+20 21 38.8	17.8 T	703
C/2008 S3	2009 10 11.39832	03 24 00.90	+20 21 38.1	17.7 T	703
C/2008 S3	2009 10 11.40322	03 24 00.64	+20 21 38.5	18.1 T	703
C/2008 S3	2009 10 14.13748	03 22 11.25	+20 18 10.9	18.6 N	160
C/2008 S3	2009 10 14.13999	03 22 11.14	+20 18 09.8	18.9 N	160
C/2008 S3	2009 10 14.14265	03 22 11.02	+20 18 10.1	18.5 N	160
C/2008 S3	2009 10 15.03925	03 21 34.62	+20 16 59.0	18.4 N	204
C/2008 S3	2009 10 15.16175	03 21 29.55	+20 16 49.1		204
C/2008 S3	2009 10 15.63214	03 21 10.33	+20 16 10.7		900
C/2008 S3	2009 10 15.64274	03 21 09.88	+20 16 10.3	18.3 N	900
C/2008 S3	2009 10 18.88932	03 18 54.66	+20 11 33.0	17.3 N	B70
C/2008 S3	2009 10 18.90497	03 18 53.92	+20 11 32.0	17.3 N	B70
C/2008 S3	2009 10 18.92063	03 18 53.19	+20 11 30.7	18.3 N	B70
C/2008 S3	2009 10 20.63904	03 17 40.02	+20 08 55.5		900
C/2008 S3	2009 10 20.64912	03 17 39.62	+20 08 54.7	17.8 T	900
C/2008 S3	2009 10 23.28083	03 15 45.70	+20 04 47.1	19.1 T	704
C/2008 S3	2009 10 23.29434	03 15 45.13	+20 04 45.8	19.4 T	704
C/2008 S3	2009 10 23.30785	03 15 44.51	+20 04 44.6	19.7 T	704
C/2008 S3	2009 10 23.32138	03 15 43.91	+20 04 42.1	19.6 T	704
C/2008 S3	2009 10 24.35627	03 14 58.66	+20 03 01.2		691
C/2008 S3	2009 10 24.37360	03 14 57.89	+20 02 59.4		691
C/2008 S3	2009 10 24.39086	03 14 57.20	+20 02 57.4		691
C/2008 S3	2009 10 25.06837	03 14 27.19	+20 01 50.8	18.4 N	160
C/2008 S3	2009 10 25.07104	03 14 27.15	+20 01 48.0	17.9 N	160
C/2008 S3	2009 10 25.07341	03 14 27.16	+20 01 48.7	18.7 N	160

P/2008 T1 (Boattini)

P/2008 T1	2009 09 21.47501	05 11 59.57	+24 37 21.2	21.4 T	291
P/2008 T1	2009 09 21.48942	05 11 59.85	+24 37 21.5		291
P/2008 T1	2009 09 21.50144	05 12 00.03	+24 37 22.4	21.7 T	291
P/2008 T1	2009 09 25.16204	05 12 58.58	+24 39 10.0		493
P/2008 T1	2009 09 25.18106	05 12 58.83	+24 39 10.8		493
P/2008 T1	2009 09 25.19333	05 12 59.00	+24 39 11.3		493

P/2008 T1	2009 09 26.12038	05 13 11.58	+24 39 35.4		493
P/2008 T1	2009 09 26.13832	05 13 11.82	+24 39 35.8		493
P/2008 T1	2009 09 26.15623	05 13 12.04	+24 39 36.2		493
P/2008 T1	2009 10 15.16660	05 14 02.11	+24 43 53.1		493
P/2008 T1	2009 10 15.18536	05 14 02.02	+24 43 54.0		493
P/2008 T1	2009 10 15.18966	05 14 01.91	+24 43 54.0		493
P/2008 T1	2009 10 15.19734	05 14 01.88	+24 43 53.4		493
P/2008 T1	2009 10 15.20934	05 14 01.73	+24 43 53.2		493
P/2008 T1	2009 10 16.16597	05 13 53.57	+24 43 53.0		493
P/2008 T1	2009 10 16.18483	05 13 53.39	+24 43 53.3		493
P/2008 T1	2009 10 16.18816	05 13 53.39	+24 43 53.5		493
P/2008 T1	2009 10 16.20035	05 13 53.20	+24 43 53.8		493

C/2008 T2 (Cardinal)

C/2008 T2	2008 10 08.71817	07 30 00.85	+81 02 10.2		188
C/2008 T2	2008 10 08.72622	07 30 02.49	+81 02 13.9		188
C/2008 T2	2008 10 08.73421	07 30 04.05	+81 02 17.7	16.9 T	188

C/2009 K2 (Catalina)

C/2009 K2	2009 09 30.11361	16 42 24.95	+27 50 14.7		H06
C/2009 K2	2009 09 30.11639	16 42 25.13	+27 50 11.5	17.9 T	H06
C/2009 K2	2009 09 30.11918	16 42 25.33	+27 50 08.2		H06
C/2009 K2	2009 10 16.08931	17 01 14.41	+22 50 57.0		G96
C/2009 K2	2009 10 16.09554	17 01 14.91	+22 50 49.9	17.8 T	G96
C/2009 K2	2009 10 16.10172	17 01 15.31	+22 50 43.4		G96
C/2009 K2	2009 10 16.10787	17 01 15.81	+22 50 36.8		G96
C/2009 K2	2009 10 17.85900	17 03 26.65	+22 19 19.0	18.3 N	212

C/2009 O2 (Catalina)

C/2009 O2	2009 09 23.82041	19 10 09.07	-10 01 34.8	18.8 N	130
C/2009 O2	2009 09 23.83426	19 10 08.15	-10 01 30.8	19.0 N	130
C/2009 O2	2009 10 11.78619	18 56 08.38	-09 17 21.7	18.8 N	160

P/2009 O3 (Hill)

P/2009 O3	2009 09 27.94682	01 48 49.15	+04 05 58.0		204
P/2009 O3	2009 09 28.15704	01 48 44.57	+04 03 53.5	17.7 N	204
P/2009 O3	2009 09 29.06145	01 48 25.73	+03 54 57.3	18.6 N	160
P/2009 O3	2009 09 29.06420	01 48 25.64	+03 54 55.5	18.2 N	160
P/2009 O3	2009 09 29.06693	01 48 25.63	+03 54 54.3	18.7 N	160
P/2009 O3	2009 10 08.60053	01 44 32.11	+02 21 03.5	17.4 N	D25
P/2009 O3	2009 10 08.60450	01 44 31.96	+02 21 01.8	17.4 N	D25
P/2009 O3	2009 10 08.60845	01 44 31.86	+02 20 58.7	17.3 N	D25
P/2009 O3	2009 10 08.61235	01 44 31.81	+02 20 57.2	17.2 N	D25
P/2009 O3	2009 10 09.58615	01 44 05.38	+02 11 33.4	18.2 N	D25
P/2009 O3	2009 10 10.61476	01 43 36.90	+02 01 35.6		900
P/2009 O3	2009 10 10.62189	01 43 36.67	+02 01 31.2	17.7 T	900
P/2009 O3	2009 10 11.89760	01 43 01.25	+01 49 23.8	17.9 N	B70
P/2009 O3	2009 10 11.91039	01 43 00.88	+01 49 16.4	18.0 N	B70
P/2009 O3	2009 10 11.92479	01 43 00.48	+01 49 08.3	18.2 N	B70
P/2009 O3	2009 10 11.97722	01 42 59.00	+01 48 36.1	16.7 N	J40
P/2009 O3	2009 10 11.98659	01 42 58.69	+01 48 31.8	18.0 N	J40
P/2009 O3	2009 10 11.99797	01 42 58.28	+01 48 26.9	18.3 N	J40
P/2009 O3	2009 10 14.87580	01 41 37.03	+01 21 37.7	17.0 T	J75
P/2009 O3	2009 10 14.88816	01 41 36.68	+01 21 32.0	17.4 T	J75
P/2009 O3	2009 10 14.90053	01 41 36.27	+01 21 25.4	16.9 T	J75

P/2009 O3	2009 10 15.61450	01 41 15.79	+01 14 54.0		900
P/2009 O3	2009 10 15.62163	01 41 15.58	+01 14 50.2	18.0 T	900
P/2009 O3	2009 10 16.33651	01 40 55.16	+01 08 22.8		G96
P/2009 O3	2009 10 16.34269	01 40 54.97	+01 08 19.8	17.1 T	G96
P/2009 O3	2009 10 16.34892	01 40 54.80	+01 08 16.0		G96
P/2009 O3	2009 10 16.35505	01 40 54.62	+01 08 12.8		G96
P/2009 O3	2009 10 16.92755	01 40 38.40	+01 03 03.8		204
P/2009 O3	2009 10 17.04186	01 40 34.93	+01 02 02.7	17.7 N	204
P/2009 O3	2009 10 17.98641	01 40 08.04	+00 53 39.2	17.7 N	212
P/2009 O3	2009 10 20.21888	01 39 04.77	+00 34 22.7	18.8 T	704
P/2009 O3	2009 10 20.23218	01 39 04.41	+00 34 15.9	19.0 T	704
P/2009 O3	2009 10 20.24550	01 39 03.95	+00 34 08.4	19.2 T	704
P/2009 O3	2009 10 20.25883	01 39 03.60	+00 34 02.0	19.1 T	704
P/2009 O3	2009 10 20.25995	01 39 03.58	+00 34 01.3		291
P/2009 O3	2009 10 20.26806	01 39 03.27	+00 33 56.4	18.1 T	291
P/2009 O3	2009 10 20.27225	01 39 03.17	+00 33 55.2	19.3 T	704
P/2009 O3	2009 10 20.27521	01 39 03.06	+00 33 52.6	18.1 T	291
P/2009 O3	2009 10 24.30233	01 37 11.38	+00 00 55.4	17.8 T	G96
P/2009 O3	2009 10 24.31028	01 37 11.10	+00 00 51.8	17.7 T	G96
P/2009 O3	2009 10 24.31833	01 37 10.92	+00 00 47.9	17.9 T	G96
P/2009 O3	2009 10 24.32644	01 37 10.56	+00 00 43.9	17.8 T	G96
P/2009 O3	2009 10 25.00328	01 36 52.43	-00 04 33.8	18.0 N	939
P/2009 O3	2009 10 25.00930	01 36 52.27	-00 04 36.4	18.0 N	J53
P/2009 O3	2009 10 25.01226	01 36 52.22	-00 04 37.8	18.3 N	J53
P/2009 O3	2009 10 25.01266	01 36 52.19	-00 04 37.9	18.0 N	939
P/2009 O3	2009 10 25.01521	01 36 52.06	-00 04 39.4	17.9 N	J53
P/2009 O3	2009 10 25.02201	01 36 51.92	-00 04 41.9	18.0 N	939
P/2009 O3	2009 10 25.23051	01 36 46.43	-00 06 17.7	19.2 T	704
P/2009 O3	2009 10 25.24385	01 36 46.06	-00 06 24.7	19.2 T	704
P/2009 O3	2009 10 25.25720	01 36 45.74	-00 06 30.7	18.9 T	704
P/2009 O3	2009 10 25.44716	01 36 40.61	-00 07 52.7	18.9 N	E85
P/2009 O3	2009 10 25.45075	01 36 40.53	-00 07 54.3	19.0 N	E85
P/2009 O3	2009 10 25.45435	01 36 40.48	-00 07 55.6	18.4 N	E85
P/2009 O3	2009 10 25.45794	01 36 40.36	-00 07 57.4	19.0 N	E85
P/2009 O3	2009 10 25.91901	01 36 28.17	-00 11 35.0	18.0 N	J01
P/2009 O3	2009 10 25.93358	01 36 27.75	-00 11 41.5	17.7 N	J01
P/2009 O3	2009 10 25.94816	01 36 27.37	-00 11 48.5	18.3 N	J01

C/2009 O4 (Hill)

C/2009 O4	2009 09 21.63426	23 43 18.87	-20 23 18.9		D25
C/2009 O4	2009 09 21.63943	23 43 18.37	-20 23 30.5		D25
C/2009 O4	2009 09 21.64455	23 43 17.90	-20 23 41.3	14.2 T	D25
C/2009 O4	2009 09 21.74012	23 43 08.93	-20 27 12.2	14.4 T	D25
C/2009 O4	2009 09 21.74237	23 43 08.43	-20 27 19.0		D25
C/2009 O4	2009 09 21.74490	23 43 08.28	-20 27 25.4		D25
C/2009 O4	2009 09 23.69278	23 40 06.44	-21 39 35.8		D25
C/2009 O4	2009 09 23.69821	23 40 05.98	-21 39 50.8		D25
C/2009 O4	2009 09 23.70355	23 40 05.42	-21 40 03.2	15.0 N	D25
C/2009 O4	2009 09 26.94409	23 35 00.06	-23 37 21.9	15.6 N	A71
C/2009 O4	2009 09 26.94622	23 34 59.87	-23 37 26.6	15.5 N	A71
C/2009 O4	2009 09 26.94834	23 34 59.66	-23 37 31.2	15.5 N	A71
C/2009 O4	2009 09 26.95047	23 34 59.47	-23 37 36.1	15.7 N	A71
C/2009 O4	2009 09 26.95267	23 34 59.26	-23 37 40.1	15.5 N	A71

C/2009 O4	2009 09 30.11910	23 29 59.84	-25 27 55.0		808
C/2009 O4	2009 09 30.12674	23 29 59.09	-25 28 11.7		808
C/2009 O4	2009 09 30.13576	23 29 57.92	-25 28 30.0		808
C/2009 O4	2009 10 02.08090	23 26 55.19	-26 33 49.6		808
C/2009 O4	2009 10 02.08877	23 26 54.45	-26 34 06.3		808
C/2009 O4	2009 10 02.09549	23 26 53.83	-26 34 18.1		808
C/2009 O4	2009 10 02.10324	23 26 52.99	-26 34 35.4		808
C/2009 O4	2009 10 04.09905	23 23 46.48	-27 39 31.6	17.2 T	I36
C/2009 O4	2009 10 04.10203	23 23 46.21	-27 39 38.6	17.2 T	I36
C/2009 O4	2009 10 04.10593	23 23 45.82	-27 39 46.1	16.8 T	I36
C/2009 O4	2009 10 04.51872	23 23 07.50	-27 53 00.6	15.1 T	349
C/2009 O4	2009 10 04.52112	23 23 07.26	-27 53 05.1		349
C/2009 O4	2009 10 04.52355	23 23 07.03	-27 53 10.1		349
C/2009 O4	2009 10 05.12500	23 22 11.45	-28 12 03.7		808
C/2009 O4	2009 10 05.13194	23 22 10.64	-28 12 18.4		808
C/2009 O4	2009 10 05.13889	23 22 10.06	-28 12 31.2		808
C/2009 O4	2009 10 06.20174	23 20 32.27	-28 45 39.0	14.7 T	H06
C/2009 O4	2009 10 06.20547	23 20 31.92	-28 45 46.4		H06
C/2009 O4	2009 10 08.46430	23 17 06.82	-29 53 46.4	14.7 T	D90
C/2009 O4	2009 10 08.46639	23 17 06.62	-29 53 50.5		D90
C/2009 O4	2009 10 08.46849	23 17 06.44	-29 53 54.4		D90
C/2009 O4	2009 10 09.02794	23 16 16.21	-30 10 17.8	17.0 N	I32
C/2009 O4	2009 10 09.03341	23 16 15.75	-30 10 27.3	17.1 N	I32
C/2009 O4	2009 10 09.56893	23 15 27.91	-30 26 01.3		900
C/2009 O4	2009 10 09.57259	23 15 27.61	-30 26 08.0	16.4 N	900
C/2009 O4	2009 10 11.47703	23 12 40.19	-31 19 46.7	17.4 N	467
C/2009 O4	2009 10 11.47900	23 12 39.99	-31 19 50.1	17.5 N	467
C/2009 O4	2009 10 11.48094	23 12 39.77	-31 19 53.7	17.4 N	467
C/2009 O4	2009 10 12.22083	23 11 35.83	-31 40 06.1	15.4 N	844
C/2009 O4	2009 10 12.22545	23 11 35.34	-31 40 15.1	16.5 N	844
C/2009 O4	2009 10 12.23586	23 11 34.47	-31 40 30.6	16.1 N	844
C/2009 O4	2009 10 12.23811	23 11 34.25	-31 40 36.6	15.5 N	844
C/2009 O4	2009 10 12.24634	23 11 33.42	-31 40 49.4	16.1 N	844
C/2009 O4	2009 10 12.87825	23 10 39.76	-31 57 56.4	15.6 N	B74
C/2009 O4	2009 10 12.88143	23 10 39.47	-31 58 01.8	15.5 N	B74
C/2009 O4	2009 10 12.88524	23 10 39.14	-31 58 08.3	15.9 N	B74
C/2009 O4	2009 10 13.92942	23 09 10.82	-32 25 42.6	16.6 N	J59
C/2009 O4	2009 10 13.93865	23 09 10.03	-32 25 58.0	16.6 N	J59
C/2009 O4	2009 10 15.50814	23 07 00.16	-33 06 08.6	16.0 N	900
C/2009 O4	2009 10 15.51528	23 06 59.56	-33 06 19.9		900
C/2009 O4	2009 10 16.54573	23 05 36.07	-33 31 49.6	17.4 N	D25
C/2009 O4	2009 10 16.55541	23 05 35.28	-33 32 04.0	17.1 N	D25
C/2009 O4	2009 10 16.55779	23 05 35.07	-33 32 07.4	17.0 N	D25
C/2009 O4	2009 10 16.56248	23 05 34.67	-33 32 14.3	17.2 N	D25
C/2009 O4	2009 10 17.95839	23 03 44.22	-34 05 48.4	16.2 N	212
C/2009 O4	2009 10 18.53480	23 02 59.59	-34 19 19.9		367
C/2009 O4	2009 10 18.54058	23 02 59.13	-34 19 28.2	15.2 T	367
C/2009 O4	2009 10 19.16826	23 02 11.16	-34 33 56.8	16.7 T	H06
C/2009 O4	2009 10 19.17208	23 02 10.84	-34 34 02.3		H06
C/2009 O4	2009 10 22.11990	22 58 33.85	-35 38 48.2	17.8 N	I10
C/2009 O4	2009 10 22.27751	22 58 22.54	-35 42 05.3	17.6 N	I10
C/2009 O4	2009 10 25.04429	22 55 14.28	-36 38 08.1	16.9 N	I32
C/2009 O4	2009 10 25.05207	22 55 13.67	-36 38 16.5	16.7 N	I32

C/2009 O4	2009 10 25.06008	22 55 13.18	-36 38 26.5	16.9 N	I32
C/2009 O4	2009 10 28.39174	22 51 45.97	-37 40 14.6	15.8 N	E94
C/2009 O4	2009 10 28.41226	22 51 44.65	-37 40 36.2	17.2 N	E94
C/2009 O4	2009 10 28.43292	22 51 43.27	-37 40 58.7	17.1 N	E94
C/2009 O4	2009 10 28.45579	22 51 41.97	-37 41 22.5	16.3 N	E94
C/2009 O4	2009 10 28.48794	22 51 40.16	-37 41 54.8	16.9 N	E94
C/2009 O4	2009 10 28.51523	22 51 38.70	-37 42 24.1	16.3 N	E94
C/2009 O4	2009 10 28.53580	22 51 37.12	-37 42 46.3	17.0 N	E94

C/2009 P1 (Garradd)

C/2009 P1	2009 10 02.05409	23 40 01.01	-46 35 12.1	17.3 T	I36
C/2009 P1	2009 10 02.05997	23 40 00.73	-46 35 11.8	17.4 T	I36
C/2009 P1	2009 10 02.06421	23 40 00.52	-46 35 11.5	17.4 T	I36
C/2009 P1	2009 10 04.06065	23 38 26.05	-46 34 46.2	17.5 T	I36
C/2009 P1	2009 10 04.06627	23 38 25.77	-46 34 46.0	17.4 T	I36
C/2009 P1	2009 10 04.07215	23 38 25.44	-46 34 45.6	18.0 T	I36

C/2009 P2 (Boattini)

C/2009 P2	2009 09 15.89574	23 25 35.18	+15 16 27.7	18 N	629
C/2009 P2	2009 09 15.90594	23 25 34.46	+15 16 26.2		629
C/2009 P2	2009 09 22.95671	23 18 17.32	+14 34 39.3	18.5 N	629
C/2009 P2	2009 09 22.96420	23 18 16.92	+14 34 35.8		629
C/2009 P2	2009 09 29.01080	23 12 09.64	+13 56 24.6	19.5 N	160
C/2009 P2	2009 09 29.01368	23 12 09.49	+13 56 25.0	19.1 N	160
C/2009 P2	2009 09 30.10435	23 11 04.47	+13 49 19.2	19.3 N	850
C/2009 P2	2009 09 30.14884	23 11 02.00	+13 49 03.5	19.3 N	850
C/2009 P2	2009 09 30.19394	23 10 59.16	+13 48 44.7	19.3 N	850
C/2009 P2	2009 10 08.12052	23 03 21.02	+12 56 11.3	18.8 N	850
C/2009 P2	2009 10 08.14290	23 03 19.85	+12 56 02.7	18.7 N	850
C/2009 P2	2009 10 08.83555	23 02 41.34	+12 51 22.4	18.3 N	A77
C/2009 P2	2009 10 08.84179	23 02 40.95	+12 51 18.7	17.6 N	A77
C/2009 P2	2009 10 10.59678	23 01 04.04	+12 39 31.6	18.5 T	349
C/2009 P2	2009 10 10.60264	23 01 03.73	+12 39 28.9		349
C/2009 P2	2009 10 10.86176	23 00 49.82	+12 37 44.4	18.3 N	A77
C/2009 P2	2009 10 10.86978	23 00 49.22	+12 37 36.8	18.2 N	A77
C/2009 P2	2009 10 10.87780	23 00 48.99	+12 37 34.9	18.0 N	A77
C/2009 P2	2009 10 13.92228	22 58 05.55	+12 17 01.2	18.7 N	160
C/2009 P2	2009 10 13.92492	22 58 05.51	+12 17 00.0	18.4 N	160
C/2009 P2	2009 10 13.92757	22 58 05.34	+12 16 59.3	18.4 N	160
C/2009 P2	2009 10 14.86979	22 57 15.92	+12 10 37.2	18.9 N	J01
C/2009 P2	2009 10 15.93901	22 56 20.42	+12 03 22.7	19.1 N	J53
C/2009 P2	2009 10 15.94342	22 56 20.17	+12 03 21.0	19.0 N	J53
C/2009 P2	2009 10 15.94782	22 56 19.96	+12 03 19.4	18.8 N	J53
C/2009 P2	2009 10 16.14251	22 56 10.14	+12 02 01.6	19.1 T	703
C/2009 P2	2009 10 16.14926	22 56 09.74	+12 01 59.4	19.2 T	703
C/2009 P2	2009 10 16.15593	22 56 09.45	+12 01 55.5	18.8 T	703
C/2009 P2	2009 10 16.16268	22 56 09.13	+12 01 52.7	18.5 T	703
C/2009 P2	2009 10 17.90306	22 54 40.62	+11 50 09.7	18.2 N	204
C/2009 P2	2009 10 17.98706	22 54 36.40	+11 49 35.6		204
C/2009 P2	2009 10 19.23895	22 53 34.18	+11 41 12.0	19.2 N	H45
C/2009 P2	2009 10 19.24237	22 53 33.88	+11 41 11.9	19.2 N	H45
C/2009 P2	2009 10 19.24465	22 53 33.80	+11 41 09.7	19.1 N	H45
C/2009 P2	2009 10 19.24592	22 53 33.76	+11 41 09.6	19.2 N	H45
C/2009 P2	2009 10 24.19755	22 49 38.20	+11 08 13.9	19.2 T	703

C/2009 P2	2009 10 24.20486	22 49 38.13	+11 08 11.8	18.4 T	703
C/2009 P2	2009 10 24.21221	22 49 37.70	+11 08 08.3	19.1 T	703
C/2009 P2	2009 10 24.21963	22 49 37.27	+11 08 04.0	19.1 T	703
C/2009 P2	2009 10 25.06817	22 48 58.71	+11 02 29.3	19.0 N	850
C/2009 P2	2009 10 25.09062	22 48 57.67	+11 02 20.4	18.8 N	850
C/2009 P2	2009 10 25.80143	22 48 25.65	+10 57 41.4	19.6 N	160
C/2009 P2	2009 10 26.04876	22 48 14.75	+10 56 04.9	18.5 N	850
C/2009 P2	2009 10 26.07141	22 48 13.69	+10 55 56.7	19.3 N	850
C/2009 P2	2009 10 26.09406	22 48 12.75	+10 55 47.0	19.3 N	850
C/2009 P2	2009 10 26.77348	22 47 42.62	+10 51 20.9	18.9 N	160
C/2009 P2	2009 10 26.77600	22 47 42.56	+10 51 19.8	19.6 N	160
C/2009 P2	2009 10 26.99141	22 47 33.36	+10 49 53.5	17.7 N	J38
C/2009 P2	2009 10 26.99425	22 47 33.36	+10 49 53.4	17.7 N	J38
C/2009 P2	2009 10 26.99708	22 47 33.37	+10 49 53.4	17.7 N	J38

P/2009 Q1 (Hill)

P/2009 Q1	2009 10 22.19587	23 12 00.24	-07 16 44.6	20.8 T	291
P/2009 Q1	2009 10 22.21180	23 12 00.27	-07 16 49.3	21.4 T	291
P/2009 Q1	2009 10 22.22711	23 12 00.27	-07 16 53.6	21.1 T	291
P/2009 Q1	2009 10 24.13880	23 12 07.84	-07 25 06.9	19.6 T	G96
P/2009 Q1	2009 10 24.14637	23 12 07.99	-07 25 08.9	19.5 T	G96
P/2009 Q1	2009 10 24.15384	23 12 07.95	-07 25 10.9	20.0 T	G96
P/2009 Q1	2009 10 24.16107	23 12 07.99	-07 25 13.1	19.6 T	G96

P/2009 Q4 (Boattini)

P/2009 Q4	2009 09 27.08296	06 04 50.53	+07 41 09.9	16.3 N	A71
P/2009 Q4	2009 09 27.08722	06 04 51.33	+07 41 09.1	16.1 N	A71
P/2009 Q4	2009 09 27.09149	06 04 52.20	+07 41 08.3	15.6 N	A71
P/2009 Q4	2009 10 04.12058	06 27 50.86	+07 12 39.6	17.6 N	160
P/2009 Q4	2009 10 04.12196	06 27 51.23	+07 12 39.4	17.5 N	160
P/2009 Q4	2009 10 04.12334	06 27 51.47	+07 12 38.8	17.1 N	160
P/2009 Q4	2009 10 04.69076	06 29 43.68	+07 10 06.4	15.6 T	349
P/2009 Q4	2009 10 04.70205	06 29 45.91	+07 10 04.2		349
P/2009 Q4	2009 10 05.19002	06 31 22.24	+07 07 50.6	16.2 N	J47
P/2009 Q4	2009 10 05.19044	06 31 22.31	+07 07 49.8	16.2 N	J47
P/2009 Q4	2009 10 05.19242	06 31 22.70	+07 07 49.5	15.9 N	J47
P/2009 Q4	2009 10 05.40895	06 32 05.57	+07 06 49.5	16.2 T	H06
P/2009 Q4	2009 10 05.41068	06 32 05.89	+07 06 49.1		H06
P/2009 Q4	2009 10 05.41242	06 32 06.22	+07 06 48.5		H06
P/2009 Q4	2009 10 10.12868	06 47 40.43	+06 43 53.5	15.9 N	A79
P/2009 Q4	2009 10 10.13398	06 47 41.51	+06 43 51.9	16.0 N	A79
P/2009 Q4	2009 10 10.13731	06 47 42.14	+06 43 51.0	16.1 N	A79
P/2009 Q4	2009 10 10.14037	06 47 42.67	+06 43 50.1	16.0 N	A79
P/2009 Q4	2009 10 11.18490	06 51 10.08	+06 38 28.9	15.7 N	939
P/2009 Q4	2009 10 11.18719	06 51 10.53	+06 38 28.1	15.8 N	939
P/2009 Q4	2009 10 11.18947	06 51 11.00	+06 38 27.1	15.8 N	939
P/2009 Q4	2009 10 12.08428	06 54 08.90	+06 33 47.5	15.5 N	939
P/2009 Q4	2009 10 12.08659	06 54 09.38	+06 33 47.1	15.6 N	939
P/2009 Q4	2009 10 12.09002	06 54 10.06	+06 33 46.4	15.6 N	939
P/2009 Q4	2009 10 17.18845	07 11 01.63	+06 06 14.2	16.1 N	J59
P/2009 Q4	2009 10 17.19582	07 11 03.10	+06 06 12.0	16.1 N	J59
P/2009 Q4	2009 10 17.20485	07 11 04.84	+06 06 09.3	16.1 N	J59
P/2009 Q4	2009 10 17.42742	07 11 49.03	+06 04 56.7	15.2 N	H47
P/2009 Q4	2009 10 17.43188	07 11 49.95	+06 04 54.5	15.7 N	H47

P/2009 Q4	2009 10 18.15144	07 14 12.39	+06 00 53.5	15.4 N	232
P/2009 Q4	2009 10 18.15326	07 14 12.81	+06 00 52.9	15.4 N	232
P/2009 Q4	2009 10 18.15509	07 14 13.21	+06 00 52.5	15.4 N	232
P/2009 Q4	2009 10 19.41959	07 18 23.35	+05 53 49.8	15.2 N	H47
P/2009 Q4	2009 10 19.42245	07 18 24.09	+05 53 49.1	15.4 N	H47
P/2009 Q4	2009 10 19.42532	07 18 24.49	+05 53 47.5	15.3 N	H47
P/2009 Q4	2009 10 19.78617	07 19 35.82	+05 51 45.1	14.6 T	349
P/2009 Q4	2009 10 19.78970	07 19 36.48	+05 51 44.3		349
P/2009 Q4	2009 10 19.79323	07 19 37.17	+05 51 43.0		349
P/2009 Q4	2009 10 20.39927	07 21 37.01	+05 48 19.3	15.1 N	H47
P/2009 Q4	2009 10 20.40327	07 21 37.76	+05 48 17.5	15.0 N	H47
P/2009 Q4	2009 10 20.40743	07 21 38.56	+05 48 16.0	15.2 N	H47
P/2009 Q4	2009 10 20.72924	07 22 42.25	+05 46 26.6		900
P/2009 Q4	2009 10 20.73281	07 22 42.96	+05 46 25.4	15.6 N	900
P/2009 Q4	2009 10 21.07247	07 23 49.84	+05 44 29.9	15.5 N	A79
P/2009 Q4	2009 10 21.07603	07 23 50.58	+05 44 28.5	15.5 N	A79
P/2009 Q4	2009 10 21.07961	07 23 51.28	+05 44 27.3	15.5 N	A79
P/2009 Q4	2009 10 21.08266	07 23 51.85	+05 44 26.5	15.5 N	A79
P/2009 Q4	2009 10 21.08674	07 23 52.70	+05 44 24.1	15.1 N	A79
P/2009 Q4	2009 10 22.40429	07 28 12.56	+05 36 58.0	15.4 N	H10
P/2009 Q4	2009 10 23.32521	07 31 13.67	+05 31 45.1	14.7 N	H10
P/2009 Q4	2009 10 24.39832	07 34 44.08	+05 25 41.7	16.3 N	H45
P/2009 Q4	2009 10 24.39969	07 34 44.34	+05 25 41.2	16.1 N	H45
P/2009 Q4	2009 10 24.40118	07 34 44.64	+05 25 40.8	16.2 N	H45
P/2009 Q4	2009 10 24.40285	07 34 44.95	+05 25 40.1	16.3 N	H45
P/2009 Q4	2009 10 24.40436	07 34 45.24	+05 25 39.7	16.2 N	H45
P/2009 Q4	2009 10 24.40645	07 34 45.66	+05 25 38.9	15.7 T	H45
P/2009 Q4	2009 10 24.40737	07 34 45.82	+05 25 38.7	15.7 T	H45
P/2009 Q4	2009 10 24.45350	07 34 54.73	+05 25 23.4	14.4 T	G96
P/2009 Q4	2009 10 24.46245	07 34 56.42	+05 25 20.3	14.3 T	G96
P/2009 Q4	2009 10 24.47144	07 34 58.22	+05 25 17.2	14.4 T	G96
P/2009 Q4	2009 10 24.79932	07 36 02.58	+05 23 25.5		367
P/2009 Q4	2009 10 24.80214	07 36 03.13	+05 23 24.6	14.7 T	367
P/2009 Q4	2009 10 25.10980	07 37 03.56	+05 21 39.5	15.2 N	939
P/2009 Q4	2009 10 25.11216	07 37 04.03	+05 21 38.7	15.2 N	939
P/2009 Q4	2009 10 25.11455	07 37 04.52	+05 21 37.8	15.2 N	939
P/2009 Q4	2009 10 25.12647	07 37 06.53	+05 21 33.3	15.2 N	232
P/2009 Q4	2009 10 25.13038	07 37 07.50	+05 21 32.2	15.4 N	232
P/2009 Q4	2009 10 25.13429	07 37 08.32	+05 21 30.3	15.3 N	232
P/2009 Q4	2009 10 25.16581	07 37 14.57	+05 21 22.1	15.8 N	J51
P/2009 Q4	2009 10 25.16894	07 37 15.16	+05 21 21.1	15.7 N	J51
P/2009 Q4	2009 10 25.17206	07 37 15.76	+05 21 20.1	15.5 N	J51
P/2009 Q4	2009 10 26.40890	07 41 17.42	+05 14 20.5	16.4 T	704
P/2009 Q4	2009 10 26.42227	07 41 19.88	+05 14 16.3	16.6 T	704
P/2009 Q4	2009 10 26.43563	07 41 22.43	+05 14 11.9	16.7 T	704
P/2009 Q4	2009 10 26.44899	07 41 24.75	+05 14 07.1	17.1 T	704
P/2009 Q4	2009 10 26.46231	07 41 27.64	+05 14 02.7	16.5 T	704
P/2009 Q4	2009 10 28.12349	07 46 51.80	+05 04 43.9	16.1 N	J40
P/2009 Q4	2009 10 28.13995	07 46 54.95	+05 04 38.3	15.9 N	J40
P/2009 Q4	2009 10 28.15524	07 46 57.87	+05 04 33.1	16.2 N	J40
P/2009 Q4	2009 10 29.16829	07 50 13.99	+04 58 54.2	15.9 N	215
P/2009 Q4	2009 10 29.16900	07 50 14.13	+04 58 53.9	15.9 N	215
P/2009 Q4	2009 10 29.16970	07 50 14.26	+04 58 53.7	15.9 N	215

P/2009 Q5 (McNaught)

P/2009 Q5	2009 09 21.78876	01 27 25.78	-24 02 44.9		D25
P/2009 Q5	2009 09 30.35106	01 24 41.16	-26 27 38.8	16.9 N	H47
P/2009 Q5	2009 09 30.35981	01 24 40.87	-26 27 46.3	16.6 N	H47
P/2009 Q5	2009 09 30.36497	01 24 40.82	-26 27 50.4	16.4 T	703
P/2009 Q5	2009 09 30.36844	01 24 40.74	-26 27 54.9	16.5 N	H47
P/2009 Q5	2009 09 30.37043	01 24 40.71	-26 27 56.4	16.2 T	703
P/2009 Q5	2009 09 30.37582	01 24 40.60	-26 28 01.4	16.1 T	703
P/2009 Q5	2009 09 30.38127	01 24 40.42	-26 28 06.3	16.5 T	703
P/2009 Q5	2009 09 30.48525	01 24 38.43	-26 29 41.5	16.6 T	423
P/2009 Q5	2009 09 30.54844	01 24 36.94	-26 30 42.5	17.1 T	423
P/2009 Q5	2009 10 02.08019	01 24 02.11	-26 54 42.4	17.2 N	I32
P/2009 Q5	2009 10 02.08655	01 24 01.94	-26 54 48.0	17.2 N	I32
P/2009 Q5	2009 10 02.09788	01 24 01.65	-26 54 58.5	17.2 N	I32
P/2009 Q5	2009 10 02.16481	01 24 00.07	-26 56 01.3		808
P/2009 Q5	2009 10 02.17315	01 23 59.92	-26 56 08.9		808
P/2009 Q5	2009 10 02.18194	01 23 59.63	-26 56 17.0		808
P/2009 Q5	2009 10 03.00003	01 23 40.46	-27 08 52.7	16.5 N	J24
P/2009 Q5	2009 10 03.01046	01 23 40.17	-27 09 02.2	16.6 N	J24
P/2009 Q5	2009 10 03.01458	01 23 40.10	-27 09 06.9	16.5 N	J24
P/2009 Q5	2009 10 05.90872	01 22 29.61	-27 51 53.3	16.7 T	585
P/2009 Q5	2009 10 10.59883	01 20 29.57	-28 55 39.4		900
P/2009 Q5	2009 10 10.60278	01 20 29.30	-28 55 37.5	18.0 N	474
P/2009 Q5	2009 10 10.60417	01 20 29.26	-28 55 38.4	17.9 N	474
P/2009 Q5	2009 10 10.60515	01 20 29.21	-28 55 39.1	18.1 N	474
P/2009 Q5	2009 10 10.60596	01 20 29.35	-28 55 45.1	16.9 T	900
P/2009 Q5	2009 10 10.60723	01 20 29.17	-28 55 40.7	17.9 N	474
P/2009 Q5	2009 10 11.42955	01 20 07.84	-29 06 08.1	17.3 N	467
P/2009 Q5	2009 10 11.43214	01 20 07.79	-29 06 09.9	17.3 N	467
P/2009 Q5	2009 10 11.54086	01 20 04.86	-29 07 31.6	17.1 T	423
P/2009 Q5	2009 10 11.57735	01 20 03.84	-29 07 59.1	17.0 T	423
P/2009 Q5	2009 10 13.39989	01 19 15.96	-29 30 11.5	16.9 T	423
P/2009 Q5	2009 10 13.41343	01 19 15.62	-29 30 20.8	17.0 T	423
P/2009 Q5	2009 10 14.42504	01 18 48.81	-29 42 10.5	16.5 T	423
P/2009 Q5	2009 10 14.47056	01 18 47.56	-29 42 42.5	17.0 T	423
P/2009 Q5	2009 10 15.58374	01 18 18.01	-29 55 21.3		900
P/2009 Q5	2009 10 15.59087	01 18 17.79	-29 55 26.5	16.7 T	900
P/2009 Q5	2009 10 15.92053	01 18 09.00	-29 59 03.9	16.1 N	585
P/2009 Q5	2009 10 15.92347	01 18 08.96	-29 59 06.1	16.1 N	585
P/2009 Q5	2009 10 18.41998	01 17 03.78	-30 25 17.2	16.7 T	423
P/2009 Q5	2009 10 18.45534	01 17 02.81	-30 25 39.0	16.8 T	423
P/2009 Q5	2009 10 18.56686	01 16 59.84	-30 26 50.5		367
P/2009 Q5	2009 10 18.57264	01 16 59.67	-30 26 54.3	15.5 T	367
P/2009 Q5	2009 10 18.59704	01 16 58.96	-30 27 08.6	16.6 T	349
P/2009 Q5	2009 10 18.60010	01 16 58.89	-30 27 10.2		349
P/2009 Q5	2009 10 18.60316	01 16 58.80	-30 27 12.0		349
P/2009 Q5	2009 10 19.30129	01 16 40.64	-30 34 04.7	16.8 T	H06
P/2009 Q5	2009 10 19.30500	01 16 40.58	-30 34 06.7		H06
P/2009 Q5	2009 10 20.41175	01 16 12.46	-30 44 35.7	16.7 T	423
P/2009 Q5	2009 10 20.44109	01 16 11.69	-30 44 52.4	16.6 T	423

P/2009 QG₃₁ (La Sagra)

P/2009 QG ₃₁	2009 09 19.46869	22 25 01.20	-10 12 52.5	19.3 N	D90
P/2009 QG ₃₁	2009 10 03.87739	22 20 22.43	-09 47 13.7	19.7 N	J47
P/2009 QG ₃₁	2009 10 03.88822	22 20 22.38	-09 47 11.4	18.8 N	J47
P/2009 QG ₃₁	2009 10 05.74184	22 20 11.35	-09 42 04.7	18.6 T	585
P/2009 QG ₃₁	2009 10 05.74477	22 20 11.35	-09 42 04.3	18.7 T	585
P/2009 QG ₃₁	2009 10 06.86970	22 20 07.61	-09 38 43.3	19.6 N	213
P/2009 QG ₃₁	2009 10 06.87690	22 20 07.58	-09 38 41.9	19.6 N	213
P/2009 QG ₃₁	2009 10 09.51135	22 20 07.55	-09 30 07.9	19.5 N	E16
P/2009 QG ₃₁	2009 10 09.52481	22 20 07.54	-09 30 04.5	19.5 N	E16
P/2009 QG ₃₁	2009 10 10.52775	22 20 10.82	-09 26 46.7	19.0 T	349
P/2009 QG ₃₁	2009 10 10.54322	22 20 10.87	-09 26 42.9		349
P/2009 QG ₃₁	2009 10 10.93695	22 20 12.66	-09 25 22.0	20 N	4 204
P/2009 QG ₃₁	2009 10 11.50825	22 20 15.84	-09 23 10.3	19.7 N	E16
P/2009 QG ₃₁	2009 10 11.51667	22 20 15.85	-09 23 08.1	19.8 N	E16
P/2009 QG ₃₁	2009 10 11.84742	22 20 18.09	-09 22 04.7	19.8 N	213
P/2009 QG ₃₁	2009 10 11.87051	22 20 18.19	-09 21 59.4	19.8 N	213
P/2009 QG ₃₁	2009 10 11.87541	22 20 18.29	-09 21 57.1	20.6 N	J47
P/2009 QG ₃₁	2009 10 11.89361	22 20 18.29	-09 21 53.7	19.8 N	213
P/2009 QG ₃₁	2009 10 11.91732	22 20 18.47	-09 21 48.3	19.5 N	J47
P/2009 QG ₃₁	2009 10 11.92862	22 20 18.43	-09 21 46.1	19.6 N	B37
P/2009 QG ₃₁	2009 10 11.94527	22 20 18.60	-09 21 42.3	19.9 N	J47
P/2009 QG ₃₁	2009 10 11.94596	22 20 18.58	-09 21 42.4	19.6 N	B37
P/2009 QG ₃₁	2009 10 11.95976	22 20 18.68	-09 21 39.6	19.6 N	B37
P/2009 QG ₃₁	2009 10 12.40752	22 20 21.97	-09 19 50.9	20.0 N	474
P/2009 QG ₃₁	2009 10 12.41632	22 20 22.02	-09 19 49.1	20.0 N	474
P/2009 QG ₃₁	2009 10 12.79709	22 20 25.09	-09 18 32.7	19.1 N	473
P/2009 QG ₃₁	2009 10 12.79791	22 20 25.10	-09 18 32.5	19.3 N	473
P/2009 QG ₃₁	2009 10 12.87682	22 20 25.71	-09 18 13.4	19.6 N	J47
P/2009 QG ₃₁	2009 10 14.78563	22 20 44.98	-09 10 46.5	19.6 N	A77
P/2009 QG ₃₁	2009 10 15.18165	22 20 49.66	-09 09 10.5	19.9 T	G96
P/2009 QG ₃₁	2009 10 15.18798	22 20 49.74	-09 09 08.4	19.9 T	G96
P/2009 QG ₃₁	2009 10 15.19418	22 20 49.81	-09 09 07.3	20.1 T	G96
P/2009 QG ₃₁	2009 10 15.20051	22 20 49.81	-09 09 05.3	19.8 T	G96
P/2009 QG ₃₁	2009 10 15.80707	22 20 57.82	-09 06 36.8	17.6 N	585
P/2009 QG ₃₁	2009 10 15.81669	22 20 57.95	-09 06 34.0	17.8 N	585
P/2009 QG ₃₁	2009 10 15.82319	22 20 58.06	-09 06 31.6	17.7 N	585
P/2009 QG ₃₁	2009 10 15.83194	22 20 58.13	-09 06 30.4	19.7 N	473
P/2009 QG ₃₁	2009 10 15.83541	22 20 58.18	-09 06 29.4	19.7 N	473
P/2009 QG ₃₁	2009 10 16.88186	22 21 13.35	-09 02 03.5	19.2 N	B74
P/2009 QG ₃₁	2009 10 16.88772	22 21 13.43	-09 02 02.4	19.4 N	B74
P/2009 QG ₃₁	2009 10 16.89358	22 21 13.54	-09 02 01.3	19.5 N	B74
P/2009 QG ₃₁	2009 10 17.47914	22 21 22.88	-08 59 20.6	20.0 N	E16
P/2009 QG ₃₁	2009 10 17.48868	22 21 23.09	-08 59 19.2	19.4 N	E16
P/2009 QG ₃₁	2009 10 17.87672	22 21 29.56	-08 57 44.2	20 N	204
P/2009 QG ₃₁	2009 10 19.79775	22 22 05.96	-08 49 05.0	19.9 T	215
P/2009 QG ₃₁	2009 10 21.72992	22 22 49.06	-08 39 49.3	19.4 N	A79
P/2009 QG ₃₁	2009 10 21.73971	22 22 49.18	-08 39 45.4	19.7 N	A79
P/2009 QG ₃₁	2009 10 22.12299	22 22 58.48	-08 37 51.3	20.6 T	291
P/2009 QG ₃₁	2009 10 22.12817	22 22 58.57	-08 37 50.1	20.6 T	291
P/2009 QG ₃₁	2009 10 22.13194	22 22 58.66	-08 37 48.6	20.5 T	291
P/2009 QG ₃₁	2009 10 22.15523	22 22 59.19	-08 37 42.2	19.6 T	G96
P/2009 QG ₃₁	2009 10 22.16071	22 22 59.30	-08 37 40.4	19.7 T	G96

P/2009 QG ₃₁	2009 10 22.16626	22 22 59.44	-08 37 39.3	19.7 T	G96
P/2009 QG ₃₁	2009 10 22.17203	22 22 59.62	-08 37 36.9	19.8 T	G96
P/2009 QG ₃₁	2009 10 23.40634	22 23 31.20	-08 31 18.8	19.7 N	E85
P/2009 QG ₃₁	2009 10 23.40992	22 23 31.31	-08 31 17.2	19.8 N	E85
P/2009 QG ₃₁	2009 10 23.41351	22 23 31.37	-08 31 15.7	20.7 N	E85
P/2009 QG ₃₁	2009 10 24.84385	22 24 11.48	-08 23 58.5	19.5 N	213
P/2009 QG ₃₁	2009 10 24.85319	22 24 11.74	-08 23 55.4	19.6 N	213
P/2009 QG ₃₁	2009 10 25.83311	22 24 41.10	-08 18 43.4	19.5 N	130

C/2009 R1 (McNaught)

C/2009 R1	2009 10 04.90248	20 54 55.83	-32 43 27.2	18.0 N	J47
C/2009 R1	2009 10 04.90594	20 54 55.65	-32 43 26.5	17.6 N	J47
C/2009 R1	2009 10 04.91027	20 54 55.44	-32 43 25.7	17.8 N	J47
C/2009 R1	2009 10 08.58132	20 52 19.72	-32 27 32.5	17.5 N	D25
C/2009 R1	2009 10 08.58536	20 52 19.57	-32 27 31.4	17.6 N	D25
C/2009 R1	2009 10 08.58926	20 52 19.42	-32 27 30.3	17.5 N	D25
C/2009 R1	2009 10 08.59319	20 52 19.25	-32 27 29.5	17.5 N	D25
C/2009 R1	2009 10 10.43542	20 51 07.55	-32 19 05.4	16.6 T	900
C/2009 R1	2009 10 10.43845	20 51 07.33	-32 19 04.5		900
C/2009 R1	2009 10 10.44325	20 51 07.28	-32 19 03.1	16.9 T	349
C/2009 R1	2009 10 10.45016	20 51 07.05	-32 19 00.9		349
C/2009 R1	2009 10 12.13289	20 50 05.18	-32 10 59.3	17.7 N	I19
C/2009 R1	2009 10 12.13646	20 50 05.07	-32 10 58.4	17.5 N	I19
C/2009 R1	2009 10 12.14072	20 50 04.83	-32 10 56.9	17.0 N	I19

P/2009 S1 (Gibbs)

P/2009 S1	2009 09 28.46793	04 03 13.67	-12 07 49.0	19.9 N	H06
P/2009 S1	2009 09 28.46979	04 03 13.66	-12 07 49.9		H06
P/2009 S1	2009 09 29.13539	04 03 25.45	-12 17 00.7	19.2 N	204
P/2009 S1	2009 10 10.66308	04 04 51.72	-14 53 51.9	18.4 N	474
P/2009 S1	2009 10 10.66470	04 04 51.69	-14 53 53.2	18.8 N	474
P/2009 S1	2009 10 10.66632	04 04 51.70	-14 53 54.4	18.7 N	474
P/2009 S1	2009 10 10.66794	04 04 51.70	-14 53 55.4	18.7 N	474
P/2009 S1	2009 10 14.71771	04 04 30.04	-15 46 47.1	19.0 N	372
P/2009 S1	2009 10 15.65534	04 04 21.42	-15 58 41.6	18.8 T	900
P/2009 S1	2009 10 15.66594	04 04 21.27	-15 58 49.0		900
P/2009 S1	2009 10 15.98958	04 04 17.93	-16 02 51.9	18.3 N	585
P/2009 S1	2009 10 15.99545	04 04 17.82	-16 02 54.9	18.2 N	585
P/2009 S1	2009 10 18.98024	04 03 39.22	-16 39 47.3	18.5 N	585
P/2009 S1	2009 10 19.69880	04 03 27.78	-16 48 23.9	18.5 T	349
P/2009 S1	2009 10 19.70399	04 03 27.64	-16 48 27.0		349
P/2009 S1	2009 10 20.31343	04 03 17.58	-16 55 41.0	18.9 N	H45
P/2009 S1	2009 10 20.31570	04 03 17.50	-16 55 42.2	18.8 N	H45
P/2009 S1	2009 10 20.31823	04 03 17.43	-16 55 43.5	19.0 N	H45
P/2009 S1	2009 10 20.32183	04 03 17.36	-16 55 47.0	18.9 N	H45
P/2009 S1	2009 10 20.32365	04 03 17.36	-16 55 47.6	18.9 N	H45
P/2009 S1	2009 10 20.67515	04 03 11.10	-16 59 53.9		900
P/2009 S1	2009 10 20.68098	04 03 11.34	-17 00 00.5	18.1 N	900
P/2009 S1	2009 10 20.72289	04 03 10.24	-17 00 24.4	19.6 N	E16
P/2009 S1	2009 10 20.73124	04 03 10.09	-17 00 30.5	19.1 N	E16
P/2009 S1	2009 10 21.03027	04 03 04.73	-17 04 05.9	18.9 T	215
P/2009 S1	2009 10 21.03150	04 03 04.75	-17 04 06.8	19.1 T	215
P/2009 S1	2009 10 21.03274	04 03 04.72	-17 04 06.9		215
P/2009 S1	2009 10 26.03671	04 01 16.23	-17 59 37.5	17.9 N	130

P/2009 S1	2009 10 26.04145	04 01 16.19	-17 59 41.0	18.8 N	130
P/2009 S1	2009 10 26.04597	04 01 16.00	-17 59 42.9	18.4 N	130
P/2009 S1	2009 10 26.05031	04 01 16.05	-17 59 47.4	18.6 N	130
P/2009 S1	2009 10 30.44615	03 59 14.84	-18 43 08.2	19.0 N	E85
P/2009 S1	2009 10 30.44972	03 59 14.67	-18 43 09.9	19.3 N	E85
P/2009 S1	2009 10 30.45330	03 59 14.61	-18 43 12.0	19.3 N	E85

P/2009 S2 (McNaught)

P/2009 S2	2009 10 10.61424	03 31 03.38	-27 45 27.7	19.2 N	474
P/2009 S2	2009 10 10.61678	03 31 03.32	-27 45 28.9	18.9 N	474
P/2009 S2	2009 10 10.61875	03 31 03.26	-27 45 29.9	19.3 N	474
P/2009 S2	2009 10 10.67476	03 31 01.95	-27 46 00.7	18.5 T	349
P/2009 S2	2009 10 10.68371	03 31 01.63	-27 46 05.3		349
P/2009 S2	2009 10 12.57892	03 30 12.31	-27 59 17.5	19.0 N	474
P/2009 S2	2009 10 12.58078	03 30 12.30	-27 59 16.7	19.6 N	474
P/2009 S2	2009 10 12.58263	03 30 12.25	-27 59 18.7	18.7 N	474

C/2009 S3 (Lemmon)

C/2009 S3	2009 09 28.12229	18 02 13.12	+32 58 11.6	20.4 T	G96
C/2009 S3	2009 09 28.12985	18 02 13.20	+32 58 10.4	21.0 T	G96
C/2009 S3	2009 09 28.13740	18 02 13.34	+32 58 09.4	20.9 T	G96
C/2009 S3	2009 09 28.14494	18 02 13.45	+32 58 06.6	21.3 T	G96
C/2009 S3	2009 10 10.78911	18 05 47.82	+32 08 59.4	20.7 N	204
C/2009 S3	2009 10 25.13036	18 11 27.12	+31 18 59.7	20.7 T	G96
C/2009 S3	2009 10 25.13561	18 11 27.23	+31 18 58.1	20.4 T	G96

P/2009 SK₂₈₀ (Spacewatch-Hill)

P/2009 SK ₂₈₀	2009 09 17.30336	01 48 40.81	+04 22 42.7	21.2 N	3 691
P/2009 SK ₂₈₀	2009 09 17.32098	01 48 40.31	+04 22 42.1	20.9 N	3 691
P/2009 SK ₂₈₀	2009 09 17.33858	01 48 39.84	+04 22 41.0	20.9 N	3 691
P/2009 SK ₂₈₀	2009 09 25.28819	01 44 47.49	+04 15 40.7	20.1 N	5 691
P/2009 SK ₂₈₀	2009 09 25.30586	01 44 47.00	+04 15 40.6	20.6 N	5 691
P/2009 SK ₂₈₀	2009 09 25.32354	01 44 46.42	+04 15 39.7	20.8 N	5 691
P/2009 SK ₂₈₀	2009 09 29.27716	01 42 36.03	+04 11 38.5	21.1 N	5 691
P/2009 SK ₂₈₀	2009 09 29.29825	01 42 35.21	+04 11 36.6	20.4 N	5 691
P/2009 SK ₂₈₀	2009 09 29.31586	01 42 34.68	+04 11 36.3	20.6 N	5 691
P/2009 SK ₂₈₀	2009 10 15.36043	01 32 40.70	+03 54 44.8	19.8 T	G96
P/2009 SK ₂₈₀	2009 10 15.36634	01 32 40.45	+03 54 43.8	19.8 T	G96
P/2009 SK ₂₈₀	2009 10 15.37220	01 32 40.23	+03 54 43.7	20.0 T	G96
P/2009 SK ₂₈₀	2009 10 15.37823	01 32 39.98	+03 54 43.7	19.9 T	G96
P/2009 SK ₂₈₀	2009 10 15.44021	01 32 37.54	+03 54 40.5		G96
P/2009 SK ₂₈₀	2009 10 15.44179	01 32 37.48	+03 54 40.1		G96
P/2009 SK ₂₈₀	2009 10 15.44345	01 32 37.42	+03 54 40.2	19.4 T	G96
P/2009 SK ₂₈₀	2009 10 15.44507	01 32 37.34	+03 54 40.2		G96
P/2009 SK ₂₈₀	2009 10 15.88966	01 32 20.28	+03 54 13.7	20.8 N	B86
P/2009 SK ₂₈₀	2009 10 15.91633	01 32 19.20	+03 54 12.6	20.9 N	B86
P/2009 SK ₂₈₀	2009 10 16.27184	01 32 05.42	+03 53 53.0	20.1 T	291
P/2009 SK ₂₈₀	2009 10 16.27885	01 32 05.11	+03 53 52.7	20.0 T	291
P/2009 SK ₂₈₀	2009 10 16.28113	01 32 05.10	+03 53 52.6		G96
P/2009 SK ₂₈₀	2009 10 16.28588	01 32 04.85	+03 53 52.7		291
P/2009 SK ₂₈₀	2009 10 16.29076	01 32 04.63	+03 53 51.5		G96
P/2009 SK ₂₈₀	2009 10 16.30026	01 32 04.29	+03 53 51.3		G96
P/2009 SK ₂₈₀	2009 10 16.30948	01 32 03.97	+03 53 51.1		G96
P/2009 SK ₂₈₀	2009 10 16.32980	01 32 03.13	+03 53 50.0	19.5 T	H01

P/2009 SK ₂₈₀	2009 10 16.33449	01 32 02.95	+03 53 49.7	19.7 T	H01
P/2009 SK ₂₈₀	2009 10 16.34286	01 32 02.62	+03 53 49.3	19.6 T	H01
P/2009 SK ₂₈₀	2009 10 16.34686	01 32 02.46	+03 53 49.0	19.5 T	H01
P/2009 SK ₂₈₀	2009 10 16.35552	01 32 02.13	+03 53 48.7	20.6 N	926
P/2009 SK ₂₈₀	2009 10 16.36069	01 32 01.90	+03 53 47.4	20.4 N	926
P/2009 SK ₂₈₀	2009 10 16.44306	01 31 58.61	+03 53 43.2	19.9 N	H10
P/2009 SK ₂₈₀	2009 10 16.45139	01 31 58.32	+03 53 42.8	19.8 N	H10
P/2009 SK ₂₈₀	2009 10 17.93099	01 31 01.04	+03 52 20.6		204
P/2009 SK ₂₈₀	2009 10 18.03985	01 30 56.70	+03 52 15.4	19.4 N	204
P/2009 SK ₂₈₀	2009 10 19.11771	01 30 14.84	+03 51 18.4	19.1 N	B01
P/2009 SK ₂₈₀	2009 10 19.13002	01 30 14.46	+03 51 17.2	19.0 N	B01
P/2009 SK ₂₈₀	2009 10 19.13616	01 30 14.16	+03 51 18.2	19.1 N	B01
P/2009 SK ₂₈₀	2009 10 19.19348	01 30 12.07	+03 51 15.2	19.3 T	H06
P/2009 SK ₂₈₀	2009 10 19.19814	01 30 11.92	+03 51 14.3		H06
P/2009 SK ₂₈₀	2009 10 19.83391	01 29 47.32	+03 50 41.6	19.3 T	215

C/2009 T1 (McNaught)

C/2009 T1	2009 10 09.74900	06 11 14.33	-58 50 27.8	17.8 T	6 E12
C/2009 T1	2009 10 09.75763	06 11 14.03	-58 50 30.1	17.8 T	6 E12
C/2009 T1	2009 10 09.76620	06 11 13.66	-58 50 32.0	18.0 T	6 E12
C/2009 T1	2009 10 09.77489	06 11 13.20	-58 50 35.2	18.0 T	6 E12
C/2009 T1	2009 10 10.67280	06 10 32.74	-58 54 58.5	18.9 T	474
C/2009 T1	2009 10 10.67323	06 10 32.79	-58 54 57.9	18.2 T	D90
C/2009 T1	2009 10 10.67413	06 10 32.79	-58 54 58.5	17.7 N	D25
C/2009 T1	2009 10 10.67454	06 10 32.66	-58 54 58.9	18.5 T	474
C/2009 T1	2009 10 10.67604	06 10 32.56	-58 54 59.6	18.9 T	474
C/2009 T1	2009 10 10.67801	06 10 32.47	-58 55 00.3	18.8 T	474
C/2009 T1	2009 10 10.67803	06 10 32.58	-58 54 59.8	17.8 N	D25
C/2009 T1	2009 10 10.68200	06 10 32.49	-58 55 00.7	17.6 N	D25
C/2009 T1	2009 10 10.68799	06 10 32.14	-58 55 03.2	18.2 T	D90
C/2009 T1	2009 10 10.74441	06 10 29.49	-58 55 19.7	17.7 T	E12
C/2009 T1	2009 10 10.75444	06 10 28.97	-58 55 22.8	17.7 T	E12
C/2009 T1	2009 10 10.76581	06 10 28.46	-58 55 26.3	17.7 T	E12
C/2009 T1	2009 10 10.83610	06 10 24.95	-58 55 45.8		D25
C/2009 T1	2009 10 10.84573	06 10 23.85	-58 55 53.1		D25
C/2009 T1	2009 10 11.28336	06 10 04.32	-58 57 58.5	17.5 T	I77
C/2009 T1	2009 10 11.29966	06 10 03.69	-58 58 01.3	17.3 T	I77
C/2009 T1	2009 10 11.31595	06 10 02.93	-58 58 06.9	16.8 T	I77
C/2009 T1	2009 10 11.60613	06 09 49.38	-58 59 29.9	18.4 T	474
C/2009 T1	2009 10 11.60961	06 09 49.21	-58 59 30.9	18.4 T	474
C/2009 T1	2009 10 11.61308	06 09 49.04	-58 59 31.9	18.4 T	474
C/2009 T1	2009 10 11.68599	06 09 45.54	-58 59 53.4	17.9 T	423
C/2009 T1	2009 10 11.73146	06 09 43.40	-59 00 06.8	17.8 T	423
C/2009 T1	2009 10 14.55671	06 07 23.55	-59 13 26.9	17.7 T	423
C/2009 T1	2009 10 14.61013	06 07 20.80	-59 13 41.5	17.8 T	423
C/2009 T1	2009 10 16.58277	06 05 35.67	-59 22 41.5	17.8 T	423
C/2009 T1	2009 10 16.62829	06 05 33.14	-59 22 53.9	18.1 T	423
C/2009 T1	2009 10 18.53841	06 03 45.68	-59 31 17.4	17.5 T	423
C/2009 T1	2009 10 18.59709	06 03 42.19	-59 31 33.1	17.5 T	423

P/2009 T2 (La Sagra)

P/2009 T2	2009 09 18.30895	01 44 07.51	+28 05 47.1	19.0 N	3 703
P/2009 T2	2009 09 18.31744	01 44 07.65	+28 05 42.9	19.3 N	3 703
P/2009 T2	2009 09 18.32581	01 44 07.72	+28 05 38.0	19.0 N	3 703

P/2009 T2	2009 09 18.33424	01 44 07.94	+28 05 33.6	18.9 N	3 703
P/2009 T2	2009 09 25.31859	01 45 20.66	+26 52 01.2	18.7 N	3 703
P/2009 T2	2009 09 25.32758	01 45 20.70	+26 51 54.3	18.7 N	3 703
P/2009 T2	2009 09 25.33653	01 45 20.77	+26 51 48.4	18.7 N	3 703
P/2009 T2	2009 09 25.34540	01 45 20.80	+26 51 41.6	18.7 N	3 703
P/2009 T2	2009 10 09.46988	01 44 50.71	+23 01 54.9	17.2 N	3 703
P/2009 T2	2009 10 09.47432	01 44 50.60	+23 01 50.2	17.3 N	3 703
P/2009 T2	2009 10 09.47873	01 44 50.56	+23 01 44.1	17.3 N	3 703
P/2009 T2	2009 10 09.48317	01 44 50.49	+23 01 38.6	17.1 N	3 703
P/2009 T2	2009 10 12.87132	01 44 15.82	+21 49 42.0	17.0 T	J75
P/2009 T2	2009 10 12.88491	01 44 15.63	+21 49 24.4	17.1 T	J75
P/2009 T2	2009 10 12.89843	01 44 15.47	+21 49 06.3	17.0 T	J75
P/2009 T2	2009 10 12.91715	01 44 15.22	+21 48 41.8	17.7 N	J75
P/2009 T2	2009 10 12.92358	01 44 15.13	+21 48 33.3	17.7 N	J75
P/2009 T2	2009 10 12.93002	01 44 15.04	+21 48 24.8	17.6 N	J75
P/2009 T2	2009 10 12.93834	01 44 14.92	+21 48 13.7	17.7 N	J75
P/2009 T2	2009 10 12.94799	01 44 14.78	+21 48 00.9	17.6 N	J75
P/2009 T2	2009 10 12.95766	01 44 14.64	+21 47 48.1	17.7 N	J75
P/2009 T2	2009 10 12.96769	01 44 14.50	+21 47 34.8	17.6 N	J75
P/2009 T2	2009 10 12.97715	01 44 14.36	+21 47 22.2	17.6 N	J75
P/2009 T2	2009 10 12.98687	01 44 14.21	+21 47 09.3	17.6 N	J75
P/2009 T2	2009 10 13.00144	01 44 14.00	+21 46 48.5	17.7 T	J77
P/2009 T2	2009 10 13.00656	01 44 13.90	+21 46 41.5	17.4 T	J77
P/2009 T2	2009 10 13.01234	01 44 13.84	+21 46 33.6	17.7 T	J77
P/2009 T2	2009 10 13.01821	01 44 13.77	+21 46 25.8	17.7 T	J77
P/2009 T2	2009 10 13.03232	01 44 13.55	+21 46 07.1	17.9 T	J77
P/2009 T2	2009 10 13.04148	01 44 13.42	+21 45 54.7	18.0 T	J77
P/2009 T2	2009 10 13.11301	01 44 12.36	+21 44 20.3	17.8 N	J75
P/2009 T2	2009 10 13.12101	01 44 12.24	+21 44 09.5	17.6 N	J75
P/2009 T2	2009 10 13.16663	01 44 12.04	+21 43 19.8	17.0 T	844
P/2009 T2	2009 10 13.16799	01 44 11.99	+21 43 16.6	17.1 T	844
P/2009 T2	2009 10 13.17853	01 44 11.77	+21 43 02.1	17.0 T	844
P/2009 T2	2009 10 13.18760	01 44 11.65	+21 42 51.0	17.3 T	844
P/2009 T2	2009 10 13.19698	01 44 11.50	+21 42 37.1	16.5 T	844
P/2009 T2	2009 10 13.20329	01 44 11.42	+21 42 29.5	17.2 T	844
P/2009 T2	2009 10 13.21072	01 44 11.32	+21 42 19.1	16.8 T	844
P/2009 T2	2009 10 13.22265	01 44 11.60	+21 41 55.6		H06
P/2009 T2	2009 10 13.22451	01 44 11.58	+21 41 52.2	17.1 T	H06
P/2009 T2	2009 10 13.25432	01 44 10.97	+21 41 21.5	17.4 T	844
P/2009 T2	2009 10 13.46683	01 44 08.33	+21 36 28.2	17.5 N	F65
P/2009 T2	2009 10 13.46838	01 44 08.30	+21 36 26.0	17.7 N	F65
P/2009 T2	2009 10 13.46996	01 44 08.27	+21 36 23.9	17.1 N	F65
P/2009 T2	2009 10 13.50255	01 44 07.77	+21 35 39.7	17.5 N	F65
P/2009 T2	2009 10 13.50378	01 44 07.75	+21 35 38.0	17.6 N	F65
P/2009 T2	2009 10 13.50477	01 44 07.74	+21 35 36.7	17.6 N	F65
P/2009 T2	2009 10 13.50574	01 44 07.73	+21 35 35.4	17.5 N	F65
P/2009 T2	2009 10 13.50675	01 44 07.71	+21 35 34.0	17.5 N	F65
P/2009 T2	2009 10 13.50773	01 44 07.70	+21 35 32.7	17.6 N	F65
P/2009 T2	2009 10 13.84087	01 44 04.17	+21 27 56.5	17.0 N	A77
P/2009 T2	2009 10 13.87329	01 44 03.71	+21 27 12.7	16.9 N	A77
P/2009 T2	2009 10 13.88264	01 44 03.61	+21 26 59.6	17.3 N	A77
P/2009 T2	2009 10 13.88930	01 44 03.55	+21 26 50.9	17.1 N	B49
P/2009 T2	2009 10 13.89392	01 44 03.50	+21 26 44.4	17.3 N	B49

P/2009 T2	2009 10 13.89923	01 44 03.44	+21 26 37.0	16.9 N	B49	P/2009 T2	2009 10 16.33517	01 43 31.37	+20 29 43.5	17.8 T	704
P/2009 T2	2009 10 13.92159	01 44 03.12	+21 26 06.7	17.0 N	J01	P/2009 T2	2009 10 16.33792	01 43 31.36	+20 29 39.1	16.9 T	703
P/2009 T2	2009 10 13.93716	01 44 02.91	+21 25 45.7	16.9 N	J01	P/2009 T2	2009 10 16.34795	01 43 31.22	+20 29 24.3	16.9 T	703
P/2009 T2	2009 10 13.95530	01 44 02.66	+21 25 21.5	16.8 N	J01	P/2009 T2	2009 10 16.34863	01 43 31.00	+20 29 21.7	17.1 T	H10
P/2009 T2	2009 10 14.11786	01 44 00.86	+21 21 39.3	17.3 T	H06	P/2009 T2	2009 10 16.35809	01 43 31.00	+20 29 09.6	17.0 T	703
P/2009 T2	2009 10 14.12572	01 44 00.80	+21 21 28.6		H06	P/2009 T2	2009 10 16.36804	01 43 30.82	+20 28 55.0	16.9 T	703
P/2009 T2	2009 10 14.34382	01 43 57.46	+21 16 29.5	17.2 T	G96	P/2009 T2	2009 10 16.82985	01 43 25.13	+20 17 44.2	17.2 N	213
P/2009 T2	2009 10 14.35073	01 43 57.36	+21 16 19.9	17.2 T	G96	P/2009 T2	2009 10 16.83271	01 43 25.09	+20 17 40.3	17.2 N	213
P/2009 T2	2009 10 14.35756	01 43 57.25	+21 16 10.5	17.2 T	G96	P/2009 T2	2009 10 16.83556	01 43 25.06	+20 17 36.0	17.2 N	213
P/2009 T2	2009 10 14.64931	01 43 53.69	+21 09 28.0	18.0 N	372	P/2009 T2	2009 10 16.89220	01 43 24.21	+20 16 13.9	17.0 N	B49
P/2009 T2	2009 10 14.66424	01 43 53.46	+21 09 07.2		372	P/2009 T2	2009 10 16.89541	01 43 24.15	+20 16 09.1	17.0 N	B49
P/2009 T2	2009 10 14.67882	01 43 53.20	+21 08 46.5		372	P/2009 T2	2009 10 16.89862	01 43 24.08	+20 16 04.8	17.2 N	B49
P/2009 T2	2009 10 14.90569	01 43 50.65	+21 03 28.5		204	P/2009 T2	2009 10 16.90901	01 43 23.90	+20 15 48.2	17.2 T	J16
P/2009 T2	2009 10 14.91099	01 43 50.55	+21 03 21.2		204	P/2009 T2	2009 10 16.91555	01 43 23.75	+20 15 39.4	17.3 T	J16
P/2009 T2	2009 10 14.91117	01 43 50.77	+21 03 22.4	16.8 N	J47	P/2009 T2	2009 10 16.92152	01 43 23.60	+20 15 31.3	17.0 N	473
P/2009 T2	2009 10 14.91657	01 43 50.50	+21 03 13.2	17.3 N	A13	P/2009 T2	2009 10 16.92291	01 43 23.58	+20 15 29.3	17.0 N	473
P/2009 T2	2009 10 14.92687	01 43 50.44	+21 02 59.0	17.1 N	J53	P/2009 T2	2009 10 16.93439	01 43 23.44	+20 15 12.6	17.0 N	147
P/2009 T2	2009 10 14.92754	01 43 50.51	+21 02 59.6	17.4 N	J47	P/2009 T2	2009 10 16.93554	01 43 23.40	+20 15 11.2		204
P/2009 T2	2009 10 14.92954	01 43 50.39	+21 02 55.3	17.1 N	J53	P/2009 T2	2009 10 16.93873	01 43 23.37	+20 15 06.4	17.1 N	147
P/2009 T2	2009 10 14.93221	01 43 50.34	+21 02 51.4	17.0 N	J53	P/2009 T2	2009 10 16.93886	01 43 23.34	+20 15 06.2		204
P/2009 T2	2009 10 14.93670	01 43 50.19	+21 02 45.2	17.2 N	A13	P/2009 T2	2009 10 16.93888	01 43 23.46	+20 15 06.2	17.0 N	J53
P/2009 T2	2009 10 14.93992	01 43 50.23	+21 02 41.3	17.0 N	J27	P/2009 T2	2009 10 16.93958	01 43 23.31	+20 15 04.9	16.9 N	473
P/2009 T2	2009 10 14.94388	01 43 50.26	+21 02 37.0	17.2 N	J47	P/2009 T2	2009 10 16.94016	01 43 23.47	+20 15 04.2	16.8 N	J53
P/2009 T2	2009 10 14.95394	01 43 50.01	+21 02 22.0	17.0 N	J27	P/2009 T2	2009 10 16.94097	01 43 23.29	+20 15 03.0	16.8 N	473
P/2009 T2	2009 10 14.95665	01 43 49.89	+21 02 17.3	17.2 N	A13	P/2009 T2	2009 10 16.94144	01 43 23.44	+20 15 02.5	17.0 N	J53
P/2009 T2	2009 10 14.96128	01 43 49.87	+21 02 11.8	16.0 N	J27	P/2009 T2	2009 10 17.01803	01 43 22.10	+20 13 10.5	17.0 N	B74
P/2009 T2	2009 10 15.02455	01 43 48.78	+21 00 42.7	17.1 N	204	P/2009 T2	2009 10 17.02150	01 43 22.04	+20 13 05.7	17.0 N	B74
P/2009 T2	2009 10 15.53949	01 43 42.45	+20 48 38.7		900	P/2009 T2	2009 10 17.02508	01 43 21.99	+20 13 00.3	16.9 N	B74
P/2009 T2	2009 10 15.55009	01 43 42.29	+20 48 23.8	17.1 T	900	P/2009 T2	2009 10 17.04864	01 43 21.54	+20 12 25.9	16.9 N	204
P/2009 T2	2009 10 15.78373	01 43 38.51	+20 42 52.5	17.4 T	349	P/2009 T2	2009 10 17.06554	01 43 21.27	+20 12 01.4	16.8 N	B99
P/2009 T2	2009 10 15.78889	01 43 38.42	+20 42 44.8		349	P/2009 T2	2009 10 17.06808	01 43 21.28	+20 11 58.0	16.7 N	B99
P/2009 T2	2009 10 15.94253	01 43 37.13	+20 39 06.7	16.8 N	J51	P/2009 T2	2009 10 17.07244	01 43 21.22	+20 11 51.2	16.7 N	B99
P/2009 T2	2009 10 15.94784	01 43 36.93	+20 38 56.7	16.8 N	B49	P/2009 T2	2009 10 17.07462	01 43 21.20	+20 11 48.7	16.8 N	B99
P/2009 T2	2009 10 15.94859	01 43 36.72	+20 38 55.2	16.8 N	585	P/2009 T2	2009 10 17.29028	01 43 18.20	+20 06 34.1	17.5 N	H47
P/2009 T2	2009 10 15.95100	01 43 36.97	+20 38 54.4	16.8 N	J51	P/2009 T2	2009 10 17.31388	01 43 17.87	+20 05 59.4	17.3 N	H47
P/2009 T2	2009 10 15.95286	01 43 36.66	+20 38 48.5	16.9 N	585	P/2009 T2	2009 10 17.87437	01 43 10.45	+19 52 07.2	17.6 T	970
P/2009 T2	2009 10 15.95362	01 43 36.64	+20 38 48.0	16.8 N	585	P/2009 T2	2009 10 17.95339	01 43 09.35	+19 50 13.0	16.9 N	J51
P/2009 T2	2009 10 15.95440	01 43 36.58	+20 38 46.9	16.5 N	585	P/2009 T2	2009 10 17.96073	01 43 09.24	+19 50 02.2	17.0 N	J51
P/2009 T2	2009 10 15.95516	01 43 36.60	+20 38 45.8	16.4 N	585	P/2009 T2	2009 10 17.96808	01 43 09.12	+19 49 51.2	17.0 N	J51
P/2009 T2	2009 10 15.95594	01 43 36.56	+20 38 44.9	16.8 N	585	P/2009 T2	2009 10 18.07466	01 43 07.12	+19 47 10.5	17.0 N	939
P/2009 T2	2009 10 15.95614	01 43 36.77	+20 38 44.6	16.6 N	B49	P/2009 T2	2009 10 18.07868	01 43 07.05	+19 47 04.7	16.9 N	939
P/2009 T2	2009 10 15.95947	01 43 36.82	+20 38 42.1	17.0 N	J51	P/2009 T2	2009 10 18.08269	01 43 06.98	+19 46 58.9	16.9 N	939
P/2009 T2	2009 10 15.96968	01 43 36.35	+20 38 24.9	16.6 N	585	P/2009 T2	2009 10 18.20677	01 43 05.63	+19 43 54.7	16.6 N	H45
P/2009 T2	2009 10 16.19168	01 43 33.04	+20 33 09.2	16.8 N	J47	P/2009 T2	2009 10 18.20847	01 43 05.62	+19 43 51.9	16.6 N	H45
P/2009 T2	2009 10 16.19234	01 43 33.81	+20 33 08.3	16.2 T	G92	P/2009 T2	2009 10 18.20943	01 43 05.60	+19 43 50.7	16.6 N	H45
P/2009 T2	2009 10 16.19329	01 43 33.01	+20 33 06.2	17.1 N	J47	P/2009 T2	2009 10 18.21171	01 43 05.55	+19 43 47.2	16.5 N	H45
P/2009 T2	2009 10 16.19490	01 43 32.97	+20 33 04.3	16.8 N	J47	P/2009 T2	2009 10 18.22123	01 43 05.36	+19 43 33.0	16.6 N	H45
P/2009 T2	2009 10 16.20442	01 43 33.57	+20 32 51.0	16.4 T	G92	P/2009 T2	2009 10 18.22276	01 43 05.35	+19 43 30.7	16.5 N	H45
P/2009 T2	2009 10 16.21650	01 43 33.38	+20 32 34.3	16.5 T	G92	P/2009 T2	2009 10 18.22532	01 43 05.30	+19 43 27.0	16.6 N	H45
P/2009 T2	2009 10 16.28192	01 43 32.27	+20 31 00.4	17.5 T	704	P/2009 T2	2009 10 18.48488	01 43 01.01	+19 36 55.9		H10
P/2009 T2	2009 10 16.29520	01 43 32.05	+20 30 41.3	17.6 T	704	P/2009 T2	2009 10 18.48919	01 43 00.88	+19 36 50.1	16.5 N	H10
P/2009 T2	2009 10 16.30851	01 43 31.88	+20 30 22.7	17.7 T	704	P/2009 T2	2009 10 18.50209	01 43 00.78	+19 36 28.7	16.6 N	H10
P/2009 T2	2009 10 16.32184	01 43 31.58	+20 30 02.9	17.9 T	704	P/2009 T2	2009 10 18.55077	01 43 00.79	+19 35 17.8		367

P/2009 T2	2009 10 18.55656	01 43 00.70	+19 35 09.1	17.0 T	367	P/2009 T2	2009 10 22.31485	01 42 05.25	+17 57 37.9	16.1 T	703
P/2009 T2	2009 10 18.60139	01 42 59.90	+19 34 02.4	17.5 N	372	P/2009 T2	2009 10 22.32329	01 42 05.14	+17 57 24.5	16.0 T	703
P/2009 T2	2009 10 18.86068	01 42 56.22	+19 27 28.4	16.9 N	585	P/2009 T2	2009 10 22.33172	01 42 04.93	+17 57 11.1	16.1 T	703
P/2009 T2	2009 10 18.86360	01 42 56.18	+19 27 23.7	16.9 N	585	P/2009 T2	2009 10 22.34016	01 42 04.78	+17 56 57.5	16.0 T	703
P/2009 T2	2009 10 18.86508	01 42 56.12	+19 27 21.1	16.6 N	585	P/2009 T2	2009 10 22.85359	01 41 57.52	+17 43 06.7	16.3 N	585
P/2009 T2	2009 10 18.86654	01 42 56.10	+19 27 19.0	17.0 N	585	P/2009 T2	2009 10 22.85502	01 41 57.51	+17 43 04.9	16.0 N	585
P/2009 T2	2009 10 18.86800	01 42 56.08	+19 27 16.8	17.1 N	585	P/2009 T2	2009 10 22.85681	01 41 57.48	+17 43 02.7	16.2 N	585
P/2009 T2	2009 10 18.87388	01 42 56.00	+19 27 08.2	16.8 N	585	P/2009 T2	2009 10 22.98383	01 41 55.64	+17 39 39.1	16.3 N	J51
P/2009 T2	2009 10 18.87535	01 42 55.92	+19 27 05.8	16.8 N	585	P/2009 T2	2009 10 22.98989	01 41 55.53	+17 39 29.4	16.4 N	J51
P/2009 T2	2009 10 18.91309	01 42 55.57	+19 26 09.5	17.1 N	B49	P/2009 T2	2009 10 22.99596	01 41 55.42	+17 39 19.7	16.4 N	J51
P/2009 T2	2009 10 18.91924	01 42 55.21	+19 25 59.6	16.9 N	585	P/2009 T2	2009 10 23.39603	01 41 49.04	+17 28 27.8	16.2 N	H10
P/2009 T2	2009 10 18.92143	01 42 55.41	+19 25 56.8	17.0 N	B49	P/2009 T2	2009 10 23.39958	01 41 48.98	+17 28 22.1	16.5 N	H10
P/2009 T2	2009 10 18.92219	01 42 55.23	+19 25 56.0	17.0 N	585	P/2009 T2	2009 10 23.40314	01 41 48.93	+17 28 16.3	17.2 N	H10
P/2009 T2	2009 10 18.92366	01 42 55.17	+19 25 53.7	16.9 N	585	P/2009 T2	2009 10 23.46100	01 41 48.57	+17 26 51.6	16.6 N	E85
P/2009 T2	2009 10 18.92491	01 42 55.34	+19 25 51.2	16.8 N	B75	P/2009 T2	2009 10 23.46250	01 41 48.54	+17 26 49.2	16.7 N	E85
P/2009 T2	2009 10 18.92513	01 42 55.13	+19 25 51.0	16.9 N	585	P/2009 T2	2009 10 23.46399	01 41 48.52	+17 26 46.5	16.5 N	E85
P/2009 T2	2009 10 18.92660	01 42 55.08	+19 25 48.5	16.9 N	585	P/2009 T2	2009 10 24.21334	01 41 37.56	+17 06 07.2	16.1 T	H10
P/2009 T2	2009 10 18.92808	01 42 55.12	+19 25 46.4	16.9 N	585	P/2009 T2	2009 10 24.22209	01 41 37.40	+17 05 54.0	17.2 T	704
P/2009 T2	2009 10 18.92955	01 42 55.04	+19 25 44.2	16.9 N	585	P/2009 T2	2009 10 24.23549	01 41 37.11	+17 05 32.4	17.0 T	704
P/2009 T2	2009 10 18.92978	01 42 55.30	+19 25 43.9	16.9 N	B49	P/2009 T2	2009 10 24.24031	01 41 37.09	+17 05 22.4	16.1 T	H10
P/2009 T2	2009 10 18.93102	01 42 55.07	+19 25 42.3	17.0 N	585	P/2009 T2	2009 10 24.24898	01 41 36.85	+17 05 10.0	17.2 T	704
P/2009 T2	2009 10 19.32766	01 42 49.12	+19 15 39.4	17.5 T	H45	P/2009 T2	2009 10 24.26241	01 41 36.65	+17 04 47.9	17.3 T	704
P/2009 T2	2009 10 19.33147	01 42 49.07	+19 15 33.7	17.5 T	H45	P/2009 T2	2009 10 24.27288	01 41 36.54	+17 04 29.1	16.1 T	H10
P/2009 T2	2009 10 19.33328	01 42 49.05	+19 15 30.9	17.5 T	H45	P/2009 T2	2009 10 24.27585	01 41 36.39	+17 04 25.5	17.2 T	704
P/2009 T2	2009 10 19.33602	01 42 48.98	+19 15 26.6	17.5 T	H45	P/2009 T2	2009 10 24.31595	01 41 35.65	+17 03 18.0	17.1 N	H45
P/2009 T2	2009 10 19.33927	01 42 48.95	+19 15 21.5	17.6 T	H45	P/2009 T2	2009 10 24.31733	01 41 35.63	+17 03 15.6	17.0 N	H45
P/2009 T2	2009 10 19.34134	01 42 48.92	+19 15 18.3	17.6 T	H45	P/2009 T2	2009 10 24.32001	01 41 35.56	+17 03 11.3	17.0 N	H45
P/2009 T2	2009 10 19.82456	01 42 42.43	+19 02 54.7	17.2 T	215	P/2009 T2	2009 10 24.32126	01 41 35.56	+17 03 09.2	17.1 N	H45
P/2009 T2	2009 10 19.82579	01 42 42.41	+19 02 52.9	17.2 T	215	P/2009 T2	2009 10 24.32320	01 41 35.53	+17 03 06.0	16.5 T	H45
P/2009 T2	2009 10 19.82702	01 42 42.39	+19 02 51.0	17.2 T	215	P/2009 T2	2009 10 24.33394	01 41 35.34	+17 02 48.3	16.5 T	H45
P/2009 T2	2009 10 19.84125	01 42 42.19	+19 02 29.6	16.6 N	A77	P/2009 T2	2009 10 24.88575	01 41 27.85	+16 47 32.4	16.2 N	B49
P/2009 T2	2009 10 19.84749	01 42 42.09	+19 02 19.7	16.5 N	A77	P/2009 T2	2009 10 24.88940	01 41 27.77	+16 47 26.6	16.2 N	B49
P/2009 T2	2009 10 19.85374	01 42 42.01	+19 02 10.5	16.6 N	A77	P/2009 T2	2009 10 24.89346	01 41 27.69	+16 47 20.2	16.5 N	B49
P/2009 T2	2009 10 19.87867	01 42 41.57	+19 01 30.9	17.2 T	480	P/2009 T2	2009 10 24.91267	01 41 27.37	+16 46 48.5	16.1 N	213
P/2009 T2	2009 10 20.23674	01 42 36.10	+18 52 19.6	16.6 T	H45	P/2009 T2	2009 10 24.91520	01 41 27.30	+16 46 44.2	16.1 N	213
P/2009 T2	2009 10 20.23857	01 42 36.07	+18 52 16.9	16.8 T	H45	P/2009 T2	2009 10 24.91772	01 41 27.26	+16 46 40.0	16.1 N	213
P/2009 T2	2009 10 20.23975	01 42 36.06	+18 52 14.7	16.7 T	H45	P/2009 T2	2009 10 24.98428	01 41 26.04	+16 44 49.3	16.6 N	160
P/2009 T2	2009 10 20.24149	01 42 36.03	+18 52 12.0	16.6 T	H45	P/2009 T2	2009 10 24.98688	01 41 26.00	+16 44 44.9	16.5 N	160
P/2009 T2	2009 10 20.24258	01 42 36.00	+18 52 10.6	16.6 T	H45	P/2009 T2	2009 10 24.98964	01 41 25.95	+16 44 40.2	16.2 N	160
P/2009 T2	2009 10 20.24399	01 42 35.99	+18 52 08.5	16.7 T	H45	P/2009 T2	2009 10 24.99035	01 41 26.02	+16 44 39.2	16.1 N	939
P/2009 T2	2009 10 20.57627	01 42 31.21	+18 43 31.0	16.8 T	900	P/2009 T2	2009 10 24.99128	01 41 25.98	+16 44 37.8	16.2 N	232
P/2009 T2	2009 10 20.58340	01 42 31.09	+18 43 19.8		900	P/2009 T2	2009 10 24.99405	01 41 25.95	+16 44 33.2	16.1 N	939
P/2009 T2	2009 10 20.60556	01 42 30.65	+18 42 45.7	17.6 N	372	P/2009 T2	2009 10 24.99498	01 41 26.08	+16 44 33.5	16.4 N	J51
P/2009 T2	2009 10 20.89056	01 42 26.76	+18 35 17.3	16.4 N	J38	P/2009 T2	2009 10 24.99773	01 41 25.88	+16 44 27.3	16.0 N	939
P/2009 T2	2009 10 20.89632	01 42 26.66	+18 35 08.1	16.4 N	J38	P/2009 T2	2009 10 24.99933	01 41 25.84	+16 44 24.3	16.1 N	232
P/2009 T2	2009 10 20.89776	01 42 26.63	+18 35 05.9	16.5 N	J38	P/2009 T2	2009 10 25.00168	01 41 25.97	+16 44 22.4	16.4 N	J51
P/2009 T2	2009 10 21.39068	01 42 18.77	+18 22 10.7	16.2 T	H10	P/2009 T2	2009 10 25.00738	01 41 25.70	+16 44 10.8	16.0 N	232
P/2009 T2	2009 10 21.42588	01 42 18.12	+18 21 14.2	16.2 T	H10	P/2009 T2	2009 10 25.00837	01 41 25.85	+16 44 11.2	16.3 N	J51
P/2009 T2	2009 10 21.65278	01 42 15.04	+18 15 15.8		372	P/2009 T2	2009 10 25.02822	01 41 25.39	+16 43 35.9	16.0 N	J53
P/2009 T2	2009 10 21.79385	01 42 13.42	+18 11 29.4	16.1 N	A79	P/2009 T2	2009 10 25.02934	01 41 25.36	+16 43 33.9	16.0 N	J53
P/2009 T2	2009 10 21.79538	01 42 13.40	+18 11 27.0	16.1 N	A79	P/2009 T2	2009 10 25.03047	01 41 25.34	+16 43 31.9	16.0 N	J53
P/2009 T2	2009 10 21.79725	01 42 13.38	+18 11 23.9	16.0 N	A79	P/2009 T2	2009 10 25.33684	01 41 20.80	+16 35 01.3	16.1 T	H10
P/2009 T2	2009 10 21.79895	01 42 13.35	+18 11 21.3	16.1 N	A79	P/2009 T2	2009 10 25.35998	01 41 20.45	+16 34 23.4	16.0 T	H10

P/2009 T2	2009 10 25.38291	01 41 20.00	+16 33 43.5	16.1 T	H10
P/2009 T2	2009 10 25.49619	01 41 18.73	+16 30 45.2	17.1 N	E85
P/2009 T2	2009 10 25.49977	01 41 18.66	+16 30 38.6	16.9 N	E85
P/2009 T2	2009 10 25.50336	01 41 18.63	+16 30 33.8	17.1 N	E85
P/2009 T2	2009 10 25.52796	01 41 18.63	+16 29 42.2	16.0 T	D29
P/2009 T2	2009 10 25.54135	01 41 18.38	+16 29 19.8	15.9 T	D29
P/2009 T2	2009 10 25.55726	01 41 18.12	+16 28 53.2	16.1 T	D29
P/2009 T2	2009 10 25.56952	01 41 17.93	+16 28 32.6	16.0 T	D29
P/2009 T2	2009 10 25.78106	01 41 14.98	+16 22 35.4	15.6 N	A71
P/2009 T2	2009 10 25.79252	01 41 14.81	+16 22 16.3	15.5 N	A71
P/2009 T2	2009 10 25.79535	01 41 14.77	+16 22 11.4	15.5 N	A71
P/2009 T2	2009 10 25.79818	01 41 14.72	+16 22 07.0	15.7 N	A71
P/2009 T2	2009 10 25.80101	01 41 14.66	+16 22 02.0	15.7 N	A71
P/2009 T2	2009 10 25.84668	01 41 13.96	+16 20 44.8	16.0 N	235
P/2009 T2	2009 10 25.97690	01 41 11.77	+16 17 06.3	16.7 N	160
P/2009 T2	2009 10 25.97972	01 41 11.73	+16 17 01.6	16.5 N	160
P/2009 T2	2009 10 25.98057	01 41 11.69	+16 16 59.6	15.8 N	130
P/2009 T2	2009 10 25.98178	01 41 11.69	+16 16 58.0	16.8 N	160
P/2009 T2	2009 10 25.99312	01 41 11.48	+16 16 38.5	16.0 N	130
P/2009 T2	2009 10 25.99463	01 41 11.44	+16 16 35.9	16.1 N	130
P/2009 T2	2009 10 25.99614	01 41 11.41	+16 16 33.5	16.0 N	130
P/2009 T2	2009 10 25.99661	01 41 11.57	+16 16 33.3	16.2 N	J38
P/2009 T2	2009 10 25.99912	01 41 11.53	+16 16 29.0	16.1 N	J38
P/2009 T2	2009 10 26.00164	01 41 11.49	+16 16 24.7	16.2 N	J38
P/2009 T2	2009 10 26.25495	01 41 07.81	+16 09 18.4	15.7 N	850
P/2009 T2	2009 10 26.26645	01 41 07.59	+16 08 58.8	16.1 N	850
P/2009 T2	2009 10 26.27802	01 41 07.37	+16 08 39.3	16.1 N	850
P/2009 T2	2009 10 26.89312	01 40 59.20	+15 51 15.5	16.6 N	J75
P/2009 T2	2009 10 26.90088	01 40 59.06	+15 51 02.4	16.6 N	J75
P/2009 T2	2009 10 26.90863	01 40 58.93	+15 50 49.3	16.6 N	J75
P/2009 T2	2009 10 26.91634	01 40 58.80	+15 50 36.2	16.5 N	J75
P/2009 T2	2009 10 26.92405	01 40 58.67	+15 50 23.1	16.6 N	J75
P/2009 T2	2009 10 26.93182	01 40 58.54	+15 50 09.9	16.6 N	J75
P/2009 T2	2009 10 26.95833	01 40 58.11	+15 49 24.0	16.1 N	J38
P/2009 T2	2009 10 26.95959	01 40 58.09	+15 49 22.0	16.2 N	J38
P/2009 T2	2009 10 26.96462	01 40 58.01	+15 49 13.4	16.1 N	J38
P/2009 T2	2009 10 26.98787	01 40 57.55	+15 48 33.9	15.7 N	A58
P/2009 T2	2009 10 26.98970	01 40 57.51	+15 48 31.0	15.8 N	A58
P/2009 T2	2009 10 26.99120	01 40 57.47	+15 48 28.5	15.8 N	A58
P/2009 T2	2009 10 27.22981	01 40 54.35	+15 41 43.2	16.7 T	704
P/2009 T2	2009 10 27.24339	01 40 54.12	+15 41 20.1	16.7 T	704
P/2009 T2	2009 10 27.25693	01 40 53.90	+15 40 56.7	16.8 T	704
P/2009 T2	2009 10 27.27048	01 40 53.65	+15 40 33.8	16.8 T	704
P/2009 T2	2009 10 27.28404	01 40 53.43	+15 40 10.5	17.0 T	704
P/2009 T2	2009 10 28.85344	01 40 32.49	+14 55 08.8	16.3 N	A79
P/2009 T2	2009 10 28.85633	01 40 32.43	+14 55 03.8	16.4 N	A79
P/2009 T2	2009 10 28.85953	01 40 32.38	+14 54 58.2	16.4 N	A79
P/2009 T2	2009 10 28.92418	01 40 31.69	+14 53 07.8	16.8 N	J51
P/2009 T2	2009 10 28.93063	01 40 31.59	+14 52 56.6	16.9 N	J51
P/2009 T2	2009 10 28.93709	01 40 31.51	+14 52 45.3	16.9 N	J51
P/2009 T2	2009 10 29.10436	01 40 29.39	+14 47 54.2	16.3 N	850
P/2009 T2	2009 10 29.14133	01 40 28.81	+14 46 50.2	16.7 N	850
P/2009 T2	2009 10 29.85863	01 40 19.76	+14 26 00.2	16.6 N	J28

P/2009 T2	2009 10 29.86371	01 40 19.68	+14 25 51.5	16.6 N	J28
P/2009 T2	2009 10 29.86851	01 40 19.61	+14 25 43.1	16.6 N	J28
P/2009 T2	2009 10 29.92488	01 40 18.75	+14 24 04.1	16.1 N	J38
P/2009 T2	2009 10 29.92613	01 40 18.73	+14 24 01.9	16.1 N	J38
P/2009 T2	2009 10 29.92991	01 40 18.68	+14 23 55.2	16.1 N	J38

C/2009 T3 (LINEAR)

C/2009 T3	2009 10 14.43092	05 25 15.46	+22 02 04.2	19.3 N	704
C/2009 T3	2009 10 14.45735	05 25 11.37	+22 02 20.4	19.4 N	704
C/2009 T3	2009 10 14.47053	05 25 09.21	+22 02 29.5	19.3 N	704
C/2009 T3	2009 10 14.92125	05 23 59.15	+22 07 34.0	18.8 N	A13
C/2009 T3	2009 10 14.94129	05 23 56.00	+22 07 47.7	18.9 N	A13
C/2009 T3	2009 10 14.96144	05 23 52.79	+22 08 01.6	19.1 N	A13
C/2009 T3	2009 10 15.02216	05 23 43.14	+22 08 43.4	19.3 N	B86
C/2009 T3	2009 10 15.03375	05 23 41.26	+22 08 51.7	18.0 N	B86
C/2009 T3	2009 10 15.04400	05 23 39.63	+22 08 58.3	19.4 N	B86
C/2009 T3	2009 10 15.05284	05 23 38.26	+22 09 04.4		204
C/2009 T3	2009 10 15.05779	05 23 37.45	+22 09 07.8	19.6 N	B86
C/2009 T3	2009 10 15.06035	05 23 37.02	+22 09 09.6		204
C/2009 T3	2009 10 15.07170	05 23 35.22	+22 09 17.3	19.5 N	B86
C/2009 T3	2009 10 15.09941	05 23 30.79	+22 09 36.2	18.3 N	204
C/2009 T3	2009 10 15.14200	05 23 23.96	+22 10 05.4		204
C/2009 T3	2009 10 15.24352	05 23 08.03	+22 11 14.9	18.0 N	H10
C/2009 T3	2009 10 15.25446	05 23 06.35	+22 11 22.6	18.4 N	H10
C/2009 T3	2009 10 15.26588	05 23 04.50	+22 11 30.5	18.3 N	H10
C/2009 T3	2009 10 15.34163	05 22 52.31	+22 12 22.0	19.4 N	926
C/2009 T3	2009 10 15.34363	05 22 51.99	+22 12 23.7	19.4 N	926
C/2009 T3	2009 10 15.34564	05 22 51.67	+22 12 25.4	19.4 N	926
C/2009 T3	2009 10 15.36699	05 22 48.18	+22 12 39.3	18.8 T	H06
C/2009 T3	2009 10 15.37684	05 22 46.57	+22 12 46.2	19.0 T	H06
C/2009 T3	2009 10 15.38669	05 22 45.01	+22 12 53.6	18.9 T	H06
C/2009 T3	2009 10 15.43953	05 22 36.44	+22 13 29.4	18.7 T	H01
C/2009 T3	2009 10 15.44946	05 22 34.83	+22 13 36.2	18.6 T	H01
C/2009 T3	2009 10 15.45485	05 22 33.94	+22 13 39.9	18.7 T	H01
C/2009 T3	2009 10 15.51245	05 22 24.82	+22 14 20.0	18.7 T	F65
C/2009 T3	2009 10 15.51318	05 22 24.70	+22 14 20.5	18.8 T	F65
C/2009 T3	2009 10 15.51392	05 22 24.57	+22 14 21.1	18.9 T	F65
C/2009 T3	2009 10 16.03667	05 20 59.13	+22 20 16.7	19.5 N	B42
C/2009 T3	2009 10 16.04025	05 20 58.58	+22 20 19.4	19.6 N	B42
C/2009 T3	2009 10 16.04527	05 20 57.75	+22 20 23.0	19.4 N	B42
C/2009 T3	2009 10 16.28686	05 20 17.96	+22 23 09.1	18.6 T	H06
C/2009 T3	2009 10 16.29267	05 20 17.02	+22 23 13.1		H06
C/2009 T3	2009 10 16.95616	05 18 25.01	+22 30 48.3	18.6 N	147
C/2009 T3	2009 10 17.30284	05 17 25.39	+22 34 50.7	18.4 N	H10
C/2009 T3	2009 10 17.30753	05 17 24.55	+22 34 53.3	18.2 N	H10
C/2009 T3	2009 10 17.31219	05 17 23.76	+22 34 57.0	18.3 N	H10
C/2009 T3	2009 10 17.31904	05 17 22.58	+22 35 00.8	17.7 N	H10
C/2009 T3	2009 10 17.99592	05 15 23.60	+22 42 50.9	18.2 N	213
C/2009 T3	2009 10 17.99803	05 15 23.22	+22 42 52.4	18.3 N	213
C/2009 T3	2009 10 17.99889	05 15 23.06	+22 42 52.9	18.2 N	213
C/2009 T3	2009 10 18.11774	05 15 01.58	+22 44 16.4	18.7 N	B74
C/2009 T3	2009 10 18.12242	05 15 00.72	+22 44 19.6	18.5 N	B74
C/2009 T3	2009 10 18.68630	05 13 18.94	+22 50 53.2	18.0 T	349

C/2009 T3	2009 10 18.70326	05 13 15.82	+22 51 04.9		349
C/2009 T3	2009 10 18.90094	05 12 39.56	+22 53 20.7	17.7 N	585
C/2009 T3	2009 10 18.90388	05 12 39.16	+22 53 22.4	17.6 N	585
C/2009 T3	2009 10 18.90535	05 12 38.71	+22 53 23.0	17.7 N	585
C/2009 T3	2009 10 18.90683	05 12 38.52	+22 53 24.1	17.4 N	585
C/2009 T3	2009 10 18.90977	05 12 37.95	+22 53 26.9	17.5 N	585
C/2009 T3	2009 10 18.91125	05 12 37.73	+22 53 27.6	17.3 N	585
C/2009 T3	2009 10 19.14793	05 11 53.60	+22 56 13.0	18.1 N	204
C/2009 T3	2009 10 19.15115	05 11 53.02	+22 56 15.0		204
C/2009 T3	2009 10 19.85125	05 09 41.26	+23 04 22.9	18.4 T	215
C/2009 T3	2009 10 19.85248	05 09 41.01	+23 04 23.9	18.3 T	215
C/2009 T3	2009 10 19.85371	05 09 40.76	+23 04 25.1	18.0 T	215
C/2009 T3	2009 10 20.32482	05 08 09.80	+23 09 55.9	18.7 T	H45
C/2009 T3	2009 10 20.32796	05 08 09.22	+23 09 58.5	18.8 T	H45
C/2009 T3	2009 10 20.32909	05 08 08.98	+23 09 59.4	18.8 T	H45
C/2009 T3	2009 10 20.33035	05 08 08.74	+23 10 00.3	18.8 T	H45
C/2009 T3	2009 10 20.33151	05 08 08.51	+23 10 00.7	18.7 T	H45
C/2009 T3	2009 10 20.33274	05 08 08.24	+23 10 01.7	18.7 T	H45
C/2009 T3	2009 10 20.33393	05 08 08.01	+23 10 02.4	18.8 T	H45
C/2009 T3	2009 10 20.33523	05 08 07.79	+23 10 03.4	18.8 T	H45
C/2009 T3	2009 10 20.62275	05 07 11.60	+23 13 24.1		900
C/2009 T3	2009 10 20.62805	05 07 10.61	+23 13 27.5	17.8 T	900
C/2009 T3	2009 10 23.34541	04 57 48.38	+23 45 00.0	19.0 T	704
C/2009 T3	2009 10 23.35876	04 57 45.37	+23 45 08.2	19.1 T	704
C/2009 T3	2009 10 23.37212	04 57 42.35	+23 45 17.1	19.4 T	704
C/2009 T3	2009 10 23.38562	04 57 39.44	+23 45 27.8	19.3 T	704
C/2009 T3	2009 10 23.39903	04 57 36.52	+23 45 36.2	19.5 T	704
C/2009 T3	2009 10 23.92633	04 55 40.97	+23 51 38.8	19.0 N	J40
C/2009 T3	2009 10 23.94399	04 55 37.01	+23 51 50.8	18.8 N	J40
C/2009 T3	2009 10 23.96749	04 55 31.79	+23 52 07.4	17.9 N	J40
C/2009 T3	2009 10 24.32776	04 54 11.33	+23 56 14.8	17.4 T	H06
C/2009 T3	2009 10 24.33006	04 54 10.82	+23 56 16.5		H06
C/2009 T3	2009 10 24.33235	04 54 10.30	+23 56 18.4		H06
C/2009 T3	2009 10 24.40952	04 53 52.74	+23 57 10.9	19.0 N	H45
C/2009 T3	2009 10 24.41102	04 53 52.40	+23 57 12.2	19.0 N	H45
C/2009 T3	2009 10 24.41188	04 53 52.18	+23 57 12.4	19.1 N	H45
C/2009 T3	2009 10 24.41282	04 53 51.98	+23 57 13.1	19.1 N	H45
C/2009 T3	2009 10 24.41422	04 53 51.65	+23 57 14.0	19.1 N	H45
C/2009 T3	2009 10 24.41522	04 53 51.45	+23 57 14.7	19.0 N	H45
C/2009 T3	2009 10 24.41668	04 53 51.08	+23 57 15.6	19.0 N	H45
C/2009 T3	2009 10 24.77648	04 52 29.53	+24 01 21.3		367
C/2009 T3	2009 10 24.78226	04 52 28.19	+24 01 24.9	18.0 T	367
C/2009 T3	2009 10 25.11055	04 51 12.92	+24 05 06.2	18.5 N	160
C/2009 T3	2009 10 25.11580	04 51 11.68	+24 05 10.3	18.5 N	160
C/2009 T3	2009 10 25.52316	04 49 37.17	+24 09 52.0	19.9 N	E85
C/2009 T3	2009 10 25.52675	04 49 36.36	+24 09 52.9	20.2 N	E85
C/2009 T3	2009 10 26.36129	04 46 18.40	+24 19 07.4	17.1 T	703
C/2009 T3	2009 10 26.36616	04 46 17.14	+24 19 10.0	17.2 T	703
C/2009 T3	2009 10 26.37096	04 46 15.99	+24 19 13.9	17.0 T	703
C/2009 T3	2009 10 26.37575	04 46 14.91	+24 19 17.5	18.2 T	703
C/2009 T3	2009 10 28.88432	04 35 46.84	+24 46 15.6	17.7 N	A79
C/2009 T3	2009 10 28.88717	04 35 46.06	+24 46 17.7	17.7 N	A79
C/2009 T3	2009 10 28.88993	04 35 45.33	+24 46 19.0	17.7 N	A79

C/2009 T3	2009 10 28.89317	04 35 44.51	+24 46 20.8	18.0 N	A79
C/2009 T3	2009 10 28.89686	04 35 43.53	+24 46 23.6	17.4 N	A79
C/2009 T3	2009 10 29.24529	04 34 12.43	+24 49 59.2	18.7 N	850
C/2009 T3	2009 10 29.28893	04 34 00.71	+24 50 26.2	18.2 N	850

C/2009 U1 (Garradd)

C/2009 U1	2009 10 17.71474	04 25 38.40	-39 15 50.6	19.6 T	6 E12
C/2009 U1	2009 10 17.75022	04 25 36.41	-39 15 53.2	19.1 T	6 E12
C/2009 U1	2009 10 18.23022	04 25 10.44	-39 16 39.2	19.5 N	I19
C/2009 U1	2009 10 18.24007	04 25 09.86	-39 16 41.1	19.2 N	I19
C/2009 U1	2009 10 18.25749	04 25 08.80	-39 16 44.4	19.1 N	I19
C/2009 U1	2009 10 18.64763	04 24 47.44	-39 17 16.3	19.5 T	6 E12
C/2009 U1	2009 10 18.65410	04 24 47.08	-39 17 17.9	19.4 T	6 E12

C/2009 U3 (Hill)

C/2009 U3	2009 10 21.32407	03 50 08.41	+14 50 23.7		703
C/2009 U3	2009 10 21.33220	03 50 07.80	+14 50 30.0	17.6 T	703
C/2009 U3	2009 10 21.34029	03 50 07.29	+14 50 37.3		703
C/2009 U3	2009 10 21.34841	03 50 06.61	+14 50 42.6		703
C/2009 U3	2009 10 21.39223	03 50 03.58	+14 51 22.2		703
C/2009 U3	2009 10 21.39784	03 50 03.19	+14 51 27.9	17.8 T	703
C/2009 U3	2009 10 21.40352	03 50 02.79	+14 51 33.6		703
C/2009 U3	2009 10 21.40920	03 50 02.40	+14 51 36.9		703
C/2009 U3	2009 10 21.45433	03 49 59.24	+14 52 18.0		703
C/2009 U3	2009 10 21.46191	03 49 58.76	+14 52 25.7	18.0 T	703
C/2009 U3	2009 10 21.46943	03 49 58.19	+14 52 31.5		703
C/2009 U3	2009 10 21.47702	03 49 57.66	+14 52 38.2		703
C/2009 U3	2009 10 21.59754	03 49 49.88	+14 54 24.5	18.7 T	900
C/2009 U3	2009 10 21.60847	03 49 48.97	+14 54 33.3	18.0 T	900
C/2009 U3	2009 10 21.61560	03 49 48.50	+14 54 39.9	18.9 T	900
C/2009 U3	2009 10 21.65559	03 49 45.67	+14 55 22.9	19.6 T	E16
C/2009 U3	2009 10 21.66025	03 49 45.34	+14 55 26.8	19.7 T	E16
C/2009 U3	2009 10 21.66556	03 49 44.95	+14 55 30.4	18.8 T	E16
C/2009 U3	2009 10 21.74152	03 49 39.59	+14 56 32.8	17.9 T	300
C/2009 U3	2009 10 21.74690	03 49 39.21	+14 56 37.9	18.0 T	300
C/2009 U3	2009 10 21.75221	03 49 38.82	+14 56 42.5	18.1 T	300
C/2009 U3	2009 10 21.75748	03 49 38.47	+14 56 47.1	17.9 T	300
C/2009 U3	2009 10 22.35594	03 48 56.50	+15 05 43.6		703
C/2009 U3	2009 10 22.36360	03 48 56.04	+15 05 52.4		703
C/2009 U3	2009 10 22.37119	03 48 55.34	+15 05 58.8	17.8 T	703
C/2009 U3	2009 10 22.37893	03 48 54.78	+15 06 05.9		703
C/2009 U3	2009 10 22.40584	03 48 52.85	+15 06 30.1	19.8 T	926
C/2009 U3	2009 10 22.40637	03 48 52.81	+15 06 29.8	18.5 T	G96
C/2009 U3	2009 10 22.40821	03 48 52.68	+15 06 31.3	19.8 T	926
C/2009 U3	2009 10 22.41056	03 48 52.51	+15 06 34.4	19.6 T	926
C/2009 U3	2009 10 22.41615	03 48 52.05	+15 06 38.5	18.4 N	G96
C/2009 U3	2009 10 22.42589	03 48 51.30	+15 06 47.3	18.2 N	G96
C/2009 U3	2009 10 22.43562	03 48 50.65	+15 06 56.3	18.4 N	G96
C/2009 U3	2009 10 22.44290	03 48 50.11	+15 07 02.8	18.2 T	G96
C/2009 U3	2009 10 22.44390	03 48 50.00	+15 07 03.3	18.2 T	G96
C/2009 U3	2009 10 22.44490	03 48 49.96	+15 07 04.5	18.4 T	G96
C/2009 U3	2009 10 22.44588	03 48 49.86	+15 07 05.2	18.1 T	G96
C/2009 U3	2009 10 22.45116	03 48 49.60	+15 07 09.2	18.8 T	H10
C/2009 U3	2009 10 22.45331	03 48 49.45	+15 07 14.7	19.0 T	H10

C/2009 U3	2009 10 22.45762	03 48 48.94	+15 07 16.4	19.0 T	H10
C/2009 U3	2009 10 22.46191	03 48 48.76	+15 07 20.6	18.9 T	H10
C/2009 U3	2009 10 22.46406	03 48 48.54	+15 07 20.9	18.7 T	H10
C/2009 U3	2009 10 22.46622	03 48 48.43	+15 07 23.5	18.8 T	H10
C/2009 U3	2009 10 22.46837	03 48 48.27	+15 07 24.9	18.7 T	H10
C/2009 U3	2009 10 22.48793	03 48 46.53	+15 07 45.2		H06
C/2009 U3	2009 10 22.48980	03 48 46.41	+15 07 46.4	18.3 T	H06
C/2009 U3	2009 10 22.49168	03 48 46.33	+15 07 47.6		H06
C/2009 U3	2009 10 22.54938	03 48 42.82	+15 08 44.8	19.1 T	E16
C/2009 U3	2009 10 22.55155	03 48 42.66	+15 08 46.7	19.4 T	E16
C/2009 U3	2009 10 22.55367	03 48 42.53	+15 08 48.5	19.3 T	E16
C/2009 U3	2009 10 22.57882	03 48 40.40	+15 09 08.0	19.9 T	F65
C/2009 U3	2009 10 22.58018	03 48 40.32	+15 09 09.3	19.3 T	F65
C/2009 U3	2009 10 22.95830	03 48 13.05	+15 14 50.1	19.2 N	585
C/2009 U3	2009 10 22.96123	03 48 12.91	+15 14 53.6	19.0 N	585
C/2009 U3	2009 10 22.96270	03 48 12.76	+15 14 53.8	18.8 N	585
C/2009 U3	2009 10 22.96417	03 48 12.65	+15 14 55.3	18.6 N	585
C/2009 U3	2009 10 23.38151	03 47 41.70	+15 21 20.5	20.2 N	H10
C/2009 U3	2009 10 23.38507	03 47 41.56	+15 21 22.6	19.6 N	H10
C/2009 U3	2009 10 23.38863	03 47 41.26	+15 21 26.4	20.1 N	H10
C/2009 U3	2009 10 24.15039	03 46 43.53	+15 33 08.3	18.6 N	A77
C/2009 U3	2009 10 24.15662	03 46 43.21	+15 33 16.4	18.5 N	A77
C/2009 U3	2009 10 24.16285	03 46 42.62	+15 33 23.2	18.2 N	A77
C/2009 U3	2009 10 24.30657	03 46 31.84	+15 35 37.6	17.8 T	H06
C/2009 U3	2009 10 24.30843	03 46 31.74	+15 35 39.6		H06
C/2009 U3	2009 10 24.31030	03 46 31.60	+15 35 40.9		H06
C/2009 U3	2009 10 24.39774	03 46 24.63	+15 37 02.5	17.6 T	703
C/2009 U3	2009 10 24.40795	03 46 23.88	+15 37 12.9	18.1 T	703
C/2009 U3	2009 10 24.41803	03 46 23.01	+15 37 19.1	17.6 T	703
C/2009 U3	2009 10 24.42819	03 46 22.26	+15 37 30.5	17.9 T	703
C/2009 U3	2009 10 25.07932	03 45 31.31	+15 47 47.5	18.9 N	160
C/2009 U3	2009 10 25.11184	03 45 28.69	+15 48 17.3	18.5 N	J47
C/2009 U3	2009 10 25.12948	03 45 27.28	+15 48 35.0	19.1 N	J47
C/2009 U3	2009 10 25.13556	03 45 26.87	+15 48 40.2	18.9 N	J47
C/2009 U3	2009 10 25.34225	03 45 10.24	+15 51 56.6	18.5 N	850
C/2009 U3	2009 10 25.36469	03 45 08.44	+15 52 17.6	19.1 N	850
C/2009 U3	2009 10 25.38709	03 45 06.58	+15 52 39.1	18.5 N	850
C/2009 U3	2009 10 25.55086	03 44 53.47	+15 55 22.5	20.2 N	E85
C/2009 U3	2009 10 25.55446	03 44 53.24	+15 55 26.3	19.0 N	E85
C/2009 U3	2009 10 25.55806	03 44 53.01	+15 55 29.8	19.9 N	E85
C/2009 U3	2009 10 25.56166	03 44 52.70	+15 55 33.7	20.6 N	E85
C/2009 U3	2009 10 26.02134	03 44 15.17	+16 02 48.0	18.5 N	130
C/2009 U3	2009 10 26.02472	03 44 14.89	+16 02 50.8	18.8 N	130
C/2009 U3	2009 10 26.02686	03 44 14.71	+16 02 52.3	18.5 N	130
C/2009 U3	2009 10 26.02937	03 44 14.44	+16 02 55.2	18.2 N	130
C/2009 U3	2009 10 26.26238	03 43 55.45	+16 06 42.5	17.3 T	703
C/2009 U3	2009 10 26.27148	03 43 54.55	+16 06 50.0	17.4 T	703
C/2009 U3	2009 10 26.28066	03 43 53.76	+16 06 58.7	17.6 T	703
C/2009 U3	2009 10 26.28977	03 43 53.07	+16 07 07.7	17.9 T	703
C/2009 U3	2009 10 26.69028	03 43 19.23	+16 13 39.0	18.5 N	372
C/2009 U3	2009 10 27.27504	03 42 29.54	+16 23 12.6	17.9 T	H06
C/2009 U3	2009 10 27.28247	03 42 28.84	+16 23 19.8		H06
C/2009 U3	2009 10 27.37063	03 42 21.10	+16 24 47.7		691

C/2009 U3	2009 10 27.38787	03 42 19.56	+16 25 04.7		691
C/2009 U3	2009 10 27.40509	03 42 18.01	+16 25 21.7		691
C/2009 U3	2009 10 27.66175	03 41 55.79	+16 29 36.0		900
C/2009 U3	2009 10 27.67235	03 41 54.90	+16 29 46.7	18.2 T	900
C/2009 U3	2009 10 27.73917	03 41 48.91	+16 30 52.1	17.8 T	349
C/2009 U3	2009 10 27.74366	03 41 48.50	+16 30 56.7		349
C/2009 U3	2009 10 27.74815	03 41 48.10	+16 31 01.2		349
C/2009 U3	2009 10 28.86748	03 40 08.25	+16 49 46.1	18.5 N	A79
C/2009 U3	2009 10 28.87146	03 40 07.84	+16 49 50.9	18.3 N	A79
C/2009 U3	2009 10 28.87421	03 40 07.65	+16 49 53.4	18.2 N	A79
C/2009 U3	2009 10 28.87778	03 40 07.30	+16 49 55.8	18.3 N	A79
C/2009 U3	2009 10 29.13624	03 39 43.20	+16 54 18.5	18.4 T	215
C/2009 U3	2009 10 29.13730	03 39 43.10	+16 54 20.1	18.8 T	215
C/2009 U3	2009 10 29.13836	03 39 43.00	+16 54 21.8	18.9 T	215

P/2009 U4 (McNaught)

P/2009 U4	2009 10 11.48408	20 17 25.20	-34 13 45.0	16.8 T	9 E12
P/2009 U4	2009 10 11.48989	20 17 26.15	-34 13 39.1	16.9 T	9 E12
P/2009 U4	2009 10 11.49569	20 17 26.95	-34 13 34.6	16.6 T	9 E12
P/2009 U4	2009 10 22.46385	20 46 05.98	-31 25 17.0	17.2 T	9 E12
P/2009 U4	2009 10 23.48326	20 48 44.02	-31 08 40.6	17.0 T	6 E12
P/2009 U4	2009 10 23.48564	20 48 44.40	-31 08 38.4	17.0 T	6 E12
P/2009 U4	2009 10 23.49110	20 48 45.26	-31 08 33.6	16.8 T	6 E12
P/2009 U4	2009 10 23.49980	20 48 46.59	-31 08 24.6	17.2 T	6 E12
P/2009 U4	2009 10 23.51735	20 48 49.27	-31 08 06.6	16.9 T	6 E12
P/2009 U4	2009 10 23.58587	20 48 59.77	-31 06 58.7		6 E12
P/2009 U4	2009 10 23.98887	20 50 02.36	-31 00 26.2	17.6 N	I77
P/2009 U4	2009 10 23.99183	20 50 02.80	-31 00 23.5	17.3 N	I77
P/2009 U4	2009 10 23.99330	20 50 02.98	-31 00 22.2	17.7 N	I77
P/2009 U4	2009 10 24.06086	20 50 13.70	-30 59 19.8	17.7 T	H36
P/2009 U4	2009 10 24.06328	20 50 14.11	-30 59 17.2	17.2 T	H36
P/2009 U4	2009 10 24.06635	20 50 14.55	-30 59 14.1	17.6 T	H36
P/2009 U4	2009 10 24.06789	20 50 14.76	-30 59 12.2	17.8 T	H36
P/2009 U4	2009 10 24.07712	20 50 16.24	-30 59 03.8	18.4 T	H01
P/2009 U4	2009 10 24.07798	20 50 16.35	-30 59 03.1	18.4 T	H01
P/2009 U4	2009 10 24.08333	20 50 17.26	-30 58 56.7	17.2 T	G96
P/2009 U4	2009 10 24.08623	20 50 17.70	-30 58 54.1	16.8 T	G96
P/2009 U4	2009 10 24.08909	20 50 18.16	-30 58 51.7	17.2 T	G96
P/2009 U4	2009 10 24.09191	20 50 18.60	-30 58 48.0	17.1 T	G96
P/2009 U4	2009 10 24.09663	20 50 19.20	-30 58 43.3	17.9 T	H06
P/2009 U4	2009 10 24.10033	20 50 19.80	-30 58 39.6		H06
P/2009 U4	2009 10 24.10035	20 50 19.77	-30 58 40.9	18.3 T	H01
P/2009 U4	2009 10 24.10404	20 50 20.40	-30 58 36.0		H06
P/2009 U4	2009 10 24.10522	20 50 20.49	-30 58 36.3	18.4 T	H01
P/2009 U4	2009 10 24.10605	20 50 20.64	-30 58 34.9	18.4 T	H01
P/2009 U4	2009 10 24.12952	20 50 24.21	-30 58 11.5	17.8 T	854
P/2009 U4	2009 10 24.13335	20 50 24.85	-30 58 07.6	17.1 T	854
P/2009 U4	2009 10 24.13718	20 50 25.35	-30 58 03.9	17.8 T	854

C/2009 U5 (Grauer)

C/2009 U5	2009 10 23.45917	08 57 56.19	+18 02 13.0	19.4 T	G96
C/2009 U5	2009 10 23.46462	08 57 56.37	+18 02 13.2	19.7 T	G96
C/2009 U5	2009 10 23.47026	08 57 56.55	+18 02 13.6	19.6 T	G96
C/2009 U5	2009 10 23.47609	08 57 56.66	+18 02 13.4	19.7 T	G96

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C/2009 U5	2009 10 23.50340	08 57 57.44	+18 02 14.4	19.5 T	G96
C/2009 U5	2009 10 23.50428	08 57 57.51	+18 02 14.1	19.5 T	G96
C/2009 U5	2009 10 23.50528	08 57 57.48	+18 02 14.2	19.6 T	G96
C/2009 U5	2009 10 23.50625	08 57 57.52	+18 02 14.5	19.6 T	G96
C/2009 U5	2009 10 24.42354	08 58 23.56	+18 02 39.2	19.9 N	926
C/2009 U5	2009 10 24.43972	08 58 24.04	+18 02 38.5	18.9 N	926
C/2009 U5	2009 10 24.45138	08 58 24.31	+18 02 39.5	19.0 N	H36
C/2009 U5	2009 10 24.45244	08 58 24.27	+18 02 39.5	18.9 N	G96
C/2009 U5	2009 10 24.45505	08 58 24.40	+18 02 38.7	18.6 N	H36
C/2009 U5	2009 10 24.46140	08 58 24.56	+18 02 39.8	19.2 N	G96
C/2009 U5	2009 10 24.47038	08 58 24.81	+18 02 39.8	19.4 N	G96
C/2009 U5	2009 10 24.47933	08 58 25.03	+18 02 40.4	19.4 N	G96
C/2009 U5	2009 10 24.51865	08 58 26.20	+18 02 41.4	19.4 T	H01
C/2009 U5	2009 10 24.52056	08 58 26.25	+18 02 41.5	19.3 T	H01
C/2009 U5	2009 10 24.52189	08 58 26.29	+18 02 41.3	19.3 T	H01
C/2009 U5	2009 10 24.52271	08 58 26.33	+18 02 41.5	19.5 T	H01
C/2009 U5	2009 10 24.52413	08 58 26.36	+18 02 41.5	19.5 T	H01
C/2009 U5	2009 10 25.13557	08 58 43.45	+18 02 58.5		B33
C/2009 U5	2009 10 25.14164	08 58 43.60	+18 02 58.8	18.5 N	B33
C/2009 U5	2009 10 25.41433	08 58 51.20	+18 03 07.2	19.7 T	H01
C/2009 U5	2009 10 25.42016	08 58 51.32	+18 03 07.4	19.3 T	H01
C/2009 U5	2009 10 25.42635	08 58 51.50	+18 03 07.7	19.4 T	H01
C/2009 U5	2009 10 25.43167	08 58 51.67	+18 03 07.9	19.6 T	H01
C/2009 U5	2009 10 27.10587	08 59 37.13	+18 04 01.7	19.3 N	204
C/2009 U5	2009 10 27.11375	08 59 37.32	+18 04 01.8		204
C/2009 U5	2009 10 27.44497	08 59 46.04	+18 04 13.8		H06
C/2009 U5	2009 10 27.45351	08 59 46.30	+18 04 13.4	19.2 T	H06
C/2009 U5	2009 10 27.80178	08 59 55.66	+18 04 25.0	19.1 T	349
C/2009 U5	2009 10 27.80911	08 59 55.87	+18 04 25.6		349
C/2009 U5	2009 10 29.18005	09 00 31.72	+18 05 20.0	19.6 T	215

P/2009 U6 (LINEAR)

P/2009 U6	2009 10 19.80266	09 27 51.89	+13 28 52.1	16.8 T	3 349
P/2009 U6	2009 10 19.80517	09 27 52.21	+13 28 51.8		3 349
P/2009 U6	2009 10 19.80770	09 27 52.56	+13 28 51.5		3 349
P/2009 U6	2009 10 25.17812	09 39 46.18	+13 11 39.8	17.1 N	3 A77
P/2009 U6	2009 10 25.18244	09 39 46.79	+13 11 39.6	16.9 N	3 A77
P/2009 U6	2009 10 25.18675	09 39 47.15	+13 11 38.8	16.9 N	3 A77
P/2009 U6	2009 10 26.19533	09 41 57.68	+13 08 33.7	16.8 N	3 A77
P/2009 U6	2009 10 27.16727	09 44 02.20	+13 05 40.6	16.7 T	3 A77
P/2009 U6	2009 10 27.17194	09 44 02.81	+13 05 40.0	16.5 T	3 A77
P/2009 U6	2009 10 27.17662	09 44 03.37	+13 05 38.7	16.5 T	3 A77
P/2009 U6	2009 10 27.43474	09 44 36.35	+13 04 54.7	18.2 N	704
P/2009 U6	2009 10 27.44822	09 44 38.10	+13 04 52.5	18.8 N	704
P/2009 U6	2009 10 27.46171	09 44 39.81	+13 04 49.3	18.5 N	704
P/2009 U6	2009 10 27.47522	09 44 41.46	+13 04 47.5	18.8 N	704
P/2009 U6	2009 10 27.48884	09 44 43.20	+13 04 45.4	18.6 N	704
P/2009 U6	2009 10 28.06249	09 45 55.96	+13 03 03.3	18.0 T	114
P/2009 U6	2009 10 28.06637	09 45 56.42	+13 03 02.9	17.8 T	114
P/2009 U6	2009 10 28.07027	09 45 56.92	+13 03 02.4	17.9 T	114
P/2009 U6	2009 10 28.07416	09 45 57.44	+13 03 01.4	17.8 T	114
P/2009 U6	2009 10 28.07807	09 45 57.91	+13 03 00.8	18.0 T	114
P/2009 U6	2009 10 28.16179	09 46 08.55	+13 02 46.2	17.2 N	A77

P/2009 U6	2009 10 28.18577	09 46 11.49	+13 02 42.8	17.2 N	A77
P/2009 U6	2009 10 29.05190	09 48 00.58	+13 00 14.4	18.1 T	A79
P/2009 U6	2009 10 29.05833	09 48 01.38	+13 00 13.6	18.1 T	A79
P/2009 U6	2009 10 29.45866	09 48 51.36	+12 59 07.8	18.2 T	291
P/2009 U6	2009 10 29.46278	09 48 51.84	+12 59 07.4	18.1 T	291
P/2009 U6	2009 10 29.46670	09 48 52.33	+12 59 06.6	18.1 T	291
P/2009 U6	2009 10 30.13087	09 50 15.13	+12 57 14.3	16.9 N	A77
P/2009 U6	2009 10 30.13790	09 50 15.97	+12 57 13.0	16.9 N	A77
P/2009 U6	2009 10 30.14805	09 50 17.26	+12 57 11.3	16.8 N	A77

2P/Encke

2P	2009 09 24.94258	23 24 41.80	+02 43 25.3	18.8 N	J40
2P	2009 09 24.94798	23 24 41.42	+02 43 23.3	18.8 N	J40
2P	2009 09 24.95398	23 24 41.00	+02 43 20.7	18.7 N	J40
2P	2009 10 08.88035	23 09 14.77	+01 11 48.4	19.3 N	213
2P	2009 10 08.88656	23 09 14.36	+01 11 46.3	19.2 N	213
2P	2009 10 08.89484	23 09 13.83	+01 11 43.0	19.4 N	213
2P	2009 10 14.80480	23 03 23.82	+00 34 48.3	19.4 N	A77
2P	2009 10 18.88817	22 59 42.96	+00 10 43.8	19.3 N	204
2P	2009 10 19.00128	22 59 36.99	+00 10 05.7		204

4P/Faye

4P	2006 10 24.24150	02 09 11.42	+08 02 46.6		820
4P	2006 10 24.24432	02 09 11.40	+08 02 44.2		820
4P	2006 10 24.24713	02 09 11.40	+08 02 41.9		820
4P	2006 10 26.24150	02 09 10.81	+07 35 18.1		820
4P	2006 10 26.24671	02 09 10.80	+07 35 13.8		820
4P	2006 10 26.25139	02 09 10.77	+07 35 09.9		820
4P	2006 10 29.02641	02 09 10.21	+06 57 32.3		820
4P	2006 10 29.03189	02 09 10.17	+06 57 28.0		820
4P	2006 10 29.03801	02 09 10.15	+06 57 23.0		820
4P	2006 11 10.16639	02 09 31.87	+04 29 19.6		820
4P	2006 11 10.17160	02 09 31.88	+04 29 16.1		820
4P	2006 11 10.17614	02 09 31.89	+04 29 13.1		820

19P/Borrelly

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19P	2008 09 02.05936	08 30 20.15	+27 43 12.0		114

22P/Kopff

22P	2009 09 05.17338	22 44 27.79	-14 56 09.8		808
22P	2009 09 05.17650	22 44 27.75	-14 56 10.3		808
22P	2009 09 05.18414	22 44 27.36	-14 56 11.6		808
22P	2009 09 16.26590	22 39 13.87	-15 41 25.6		H10
22P	2009 09 16.62639	22 39 05.81	-15 42 21.4	15.1 N	372
22P	2009 09 19.83582	22 38 03.48	-15 49 34.3	14.4 N	473
22P	2009 09 19.83699	22 38 03.45	-15 49 34.5	14.3 N	473
22P	2009 09 20.57361	22 37 50.92	-15 50 48.2	15.2 N	372
22P	2009 09 21.24487	22 37 40.33	-15 51 53.3		H10
22P	2009 09 21.65120	22 37 34.21	-15 52 18.5		D25
22P	2009 09 21.66560	22 37 33.95	-15 52 20.6		D25
22P	2009 09 21.67047	22 37 33.84	-15 52 20.6	11.2 T	D25
22P	2009 09 23.67409	22 37 07.70	-15 54 36.8		D25
22P	2009 09 23.68009	22 37 07.59	-15 54 36.8		D25
22P	2009 09 23.68640	22 37 07.50	-15 54 36.8	11.5 T	D25

22P	2009 09 29.62407	22 36 26.94	-15 55 38.3		D25	22P	2009 10 11.75110	22 37 55.97	-15 33 59.4	17.6 T	071
22P	2009 10 03.84031	22 36 32.12	-15 51 37.7	14.7 N	A06	22P	2009 10 11.75241	22 37 55.99	-15 33 59.3	17.4 T	071
22P	2009 10 03.86606	22 36 32.20	-15 51 35.9	15.0 N	J59	22P	2009 10 11.75458	22 37 56.04	-15 33 59.0	17.7 T	071
22P	2009 10 03.87560	22 36 32.25	-15 51 34.9	15.4 N	J59	22P	2009 10 11.76639	22 37 56.24	-15 34 00.8	17.4 T	071
22P	2009 10 03.88319	22 36 32.17	-15 51 33.9	14.7 N	A06	22P	2009 10 11.76939	22 37 56.24	-15 33 56.6	17.8 T	071
22P	2009 10 03.88627	22 36 32.30	-15 51 33.6	14.8 N	212	22P	2009 10 11.77270	22 37 56.29	-15 33 57.6	17.3 T	071
22P	2009 10 03.89322	22 36 32.29	-15 51 32.8	14.7 N	212	22P	2009 10 11.77611	22 37 56.37	-15 33 55.0	17.6 T	071
22P	2009 10 03.89340	22 36 32.17	-15 51 33.7	14.9 N	473	22P	2009 10 11.77990	22 37 56.54	-15 33 54.9	17.8 T	071
22P	2009 10 03.90391	22 36 32.16	-15 51 34.5	15.3 N	473	22P	2009 10 11.85650	22 37 57.69	-15 33 42.6	14.8 N	939
22P	2009 10 03.90690	22 36 32.18	-15 51 33.5	15.0 N	473	22P	2009 10 11.86351	22 37 57.79	-15 33 40.8	14.8 N	939
22P	2009 10 03.90780	22 36 32.29	-15 51 32.4	15.5 N	J59	22P	2009 10 11.86818	22 37 57.86	-15 33 39.7	14.9 N	939
22P	2009 10 03.91049	22 36 32.37	-15 51 30.4	14.7 N	J47	22P	2009 10 11.90324	22 37 58.40	-15 33 35.6	15.1 N	J93
22P	2009 10 03.92608	22 36 32.40	-15 51 29.0	16.2 N	J47	22P	2009 10 11.90802	22 37 58.45	-15 33 34.1	15.1 N	J93
22P	2009 10 03.93865	22 36 32.40	-15 51 28.2	14.8 N	J47	22P	2009 10 11.90962	22 37 58.47	-15 33 34.0	15.0 N	J93
22P	2009 10 03.94024	22 36 32.33	-15 51 29.1	14.7 N	A06	22P	2009 10 11.92330	22 37 58.71	-15 33 28.7	16.1 N	J47
22P	2009 10 04.12093	22 36 33.15	-15 51 04.1	15.4 T	I36	22P	2009 10 11.92679	22 37 58.71	-15 33 28.8	14.9 N	J53
22P	2009 10 04.12890	22 36 33.17	-15 51 03.3	15.6 T	I36	22P	2009 10 11.93050	22 37 58.83	-15 33 27.7	14.9 N	J47
22P	2009 10 04.13697	22 36 33.19	-15 51 02.3	15.7 T	I36	22P	2009 10 11.93218	22 37 58.78	-15 33 27.6	14.9 N	J53
22P	2009 10 04.46956	22 36 35.26	-15 50 40.4		D95	22P	2009 10 11.93398	22 37 58.82	-15 33 27.3	14.9 N	J53
22P	2009 10 04.55797	22 36 35.49	-15 50 32.9	13.0 T	349	22P	2009 10 12.00395	22 37 59.87	-15 33 14.2	14.8 N	J45
22P	2009 10 04.57035	22 36 35.53	-15 50 31.8		349	22P	2009 10 12.01870	22 38 00.07	-15 33 11.3	14.9 N	J45
22P	2009 10 04.81398	22 36 37.24	-15 50 08.8	14.4 N	A97	22P	2009 10 12.03135	22 38 00.26	-15 33 09.1	14.9 N	J45
22P	2009 10 04.81898	22 36 37.21	-15 50 08.8	14.6 N	A97	22P	2009 10 12.15863	22 38 02.45	-15 32 38.5	15.0 N	844
22P	2009 10 04.82366	22 36 37.29	-15 50 08.7	14.5 N	A97	22P	2009 10 12.16047	22 38 02.48	-15 32 38.1	15.1 N	844
22P	2009 10 04.92662	22 36 37.81	-15 49 55.1	14.8 N	J47	22P	2009 10 12.16228	22 38 02.50	-15 32 38.2	15.7 N	844
22P	2009 10 04.92995	22 36 37.82	-15 49 54.8	14.8 N	J47	22P	2009 10 12.16626	22 38 02.56	-15 32 37.0	14.8 N	844
22P	2009 10 04.93662	22 36 37.86	-15 49 54.1	14.8 N	J47	22P	2009 10 12.17024	22 38 02.62	-15 32 35.8	14.9 N	844
22P	2009 10 08.78677	22 37 13.37	-15 42 03.3	15.8 N	B15	22P	2009 10 12.17422	22 38 02.69	-15 32 34.6	15.5 N	844
22P	2009 10 08.79251	22 37 13.44	-15 42 01.9	15.8 N	B15	22P	2009 10 12.62292	22 38 10.58	-15 31 20.0	16.1 N	372
22P	2009 10 08.79937	22 37 13.50	-15 42 00.8	15.9 N	B15	22P	2009 10 12.79596	22 38 14.27	-15 30 47.1	16.7 N	J35
22P	2009 10 08.80621	22 37 13.57	-15 42 00.2	15.9 N	B15	22P	2009 10 12.79896	22 38 14.25	-15 30 46.3	15.9 N	J35
22P	2009 10 08.84742	22 37 14.05	-15 41 52.8	14.9 N	213	22P	2009 10 12.79926	22 38 14.22	-15 30 46.6	15.7 N	J35
22P	2009 10 08.84963	22 37 14.10	-15 41 52.2	14.9 N	213	22P	2009 10 12.89709	22 38 15.79	-15 30 28.5	14.7 N	J93
22P	2009 10 08.86188	22 37 14.22	-15 41 51.2	14.9 N	213	22P	2009 10 12.89880	22 38 15.71	-15 30 29.0	14.8 N	J93
22P	2009 10 08.92304	22 37 14.85	-15 41 42.8	14.7 N	939	22P	2009 10 12.90432	22 38 15.88	-15 30 27.9	14.8 N	B74
22P	2009 10 08.92770	22 37 14.89	-15 41 42.2	14.7 N	939	22P	2009 10 12.90677	22 38 15.91	-15 30 27.6	14.8 N	B74
22P	2009 10 08.93234	22 37 14.94	-15 41 41.7	14.7 N	939	22P	2009 10 12.91481	22 38 16.03	-15 30 25.7	14.9 N	B74
22P	2009 10 08.97376	22 37 15.35	-15 41 34.1	15.9 N	J40	22P	2009 10 12.92775	22 38 16.28	-15 30 21.9	14.9 N	J53
22P	2009 10 08.97474	22 37 15.36	-15 41 34.0	15.8 N	J40	22P	2009 10 12.93013	22 38 16.33	-15 30 21.9	14.9 N	J53
22P	2009 10 08.97822	22 37 15.42	-15 41 33.8	15.4 N	J40	22P	2009 10 12.93725	22 38 16.43	-15 30 20.4	14.9 N	J53
22P	2009 10 09.03903	22 37 16.44	-15 41 16.5	15.5 N	I32	22P	2009 10 13.25529	22 38 22.25	-15 29 19.5		H10
22P	2009 10 09.04072	22 37 16.43	-15 41 16.3	16.1 N	I32	22P	2009 10 13.84713	22 38 33.85	-15 27 24.6	15.3 N	B83
22P	2009 10 09.59777	22 37 23.39	-15 40 00.2		900	22P	2009 10 13.85088	22 38 33.93	-15 27 21.4	15.7 N	J59
22P	2009 10 09.60143	22 37 23.43	-15 39 59.6	15.2 N	900	22P	2009 10 13.86688	22 38 34.25	-15 27 17.5	15.7 N	J59
22P	2009 10 10.43681	22 37 35.56	-15 37 44.5	15.9 N	372	22P	2009 10 13.88202	22 38 34.52	-15 27 14.7	15.6 N	J59
22P	2009 10 10.75520	22 37 40.12	-15 36 56.6	13.7 T	B94	22P	2009 10 13.89701	22 38 34.73	-15 27 14.7	15.3 N	B83
22P	2009 10 10.75563	22 37 40.18	-15 36 56.1		B94	22P	2009 10 13.90091	22 38 34.86	-15 27 10.9	14.8 N	945
22P	2009 10 10.75865	22 37 40.42	-15 36 53.5		B94	22P	2009 10 13.90924	22 38 35.00	-15 27 09.5	14.8 N	945
22P	2009 10 10.87013	22 37 41.80	-15 36 34.2	14.5 N	4 204	22P	2009 10 13.91725	22 38 35.18	-15 27 07.5	14.9 N	945
22P	2009 10 10.93090	22 37 42.58	-15 36 24.2		4 204	22P	2009 10 13.92075	22 38 35.24	-15 27 07.2	14.8 N	945
22P	2009 10 11.44685	22 37 51.03	-15 34 54.5		367	22P	2009 10 13.92347	22 38 35.27	-15 27 06.9	14.9 N	945
22P	2009 10 11.44847	22 37 51.05	-15 34 54.1	13.6 T	367	22P	2009 10 13.96480	22 38 36.03	-15 26 57.5	14.9 N	J45
22P	2009 10 11.74861	22 37 55.91	-15 34 02.1	17.1 T	071	22P	2009 10 13.97815	22 38 36.21	-15 26 55.1	14.8 N	J45

2009 NOV. 2

M.P.C. 67379

22P	2009 10 13.98377	22 38 36.33	-15 26 53.6	14.9 N	J45	22P	2009 10 16.93957	22 39 41.34	-15 16 07.6	16.2 N	J47
22P	2009 10 14.80581	22 38 53.47	-15 24 02.7	16.3 N	J35	22P	2009 10 16.94031	22 39 41.37	-15 16 07.4	15.3 N	J47
22P	2009 10 14.80832	22 38 53.57	-15 24 03.0	14.6 N	J35	22P	2009 10 16.95617	22 39 41.64	-15 16 05.9	14.7 N	A01
22P	2009 10 14.80939	22 38 53.57	-15 24 02.4	14.7 N	J35	22P	2009 10 16.95763	22 39 41.67	-15 16 05.6	14.7 N	A01
22P	2009 10 14.84934	22 38 54.23	-15 23 55.7	14.0 N	A77	22P	2009 10 16.96200	22 39 41.77	-15 16 05.3	14.7 N	A01
22P	2009 10 14.85792	22 38 54.35	-15 23 52.4	16.2 N	510	22P	2009 10 16.97110	22 39 42.06	-15 16 01.5	14.9 N	945
22P	2009 10 14.85869	22 38 54.43	-15 23 53.4	14.2 N	A77	22P	2009 10 16.97328	22 39 42.01	-15 16 01.0	15.0 N	945
22P	2009 10 14.86705	22 38 54.47	-15 23 51.8	17.2 T	071	22P	2009 10 16.97631	22 39 42.07	-15 16 00.8	15.0 N	945
22P	2009 10 14.86794	22 38 54.56	-15 23 51.1	16.3 N	510	22P	2009 10 16.97944	22 39 42.20	-15 16 00.1	15.0 N	945
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22P	2009 10 14.87527	22 38 54.65	-15 23 48.6	17.1 T	071	22P	2009 10 17.16978	22 39 47.03	-15 15 16.4		H10
22P	2009 10 14.87796	22 38 54.78	-15 23 49.2	15.6 N	510	22P	2009 10 17.89652	22 40 05.10	-15 12 21.6	15.2 N	212
22P	2009 10 14.89185	22 38 54.93	-15 23 44.4	17.8 T	071	22P	2009 10 17.90082	22 40 05.19	-15 12 20.8	15.3 N	212
22P	2009 10 14.89707	22 38 55.10	-15 23 44.9	17.0 T	071	22P	2009 10 17.90656	22 40 05.31	-15 12 19.4	15.3 N	212
22P	2009 10 14.90189	22 38 55.13	-15 23 43.5	17.3 T	071	22P	2009 10 17.90988	22 40 05.40	-15 12 17.7	15.2 N	945
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22P	2009 10 14.90943	22 38 55.45	-15 23 42.1	14.9 N	J38	22P	2009 10 17.91645	22 40 05.58	-15 12 18.0	15.2 N	945
22P	2009 10 14.91160	22 38 55.48	-15 23 42.0	14.9 N	J38	22P	2009 10 17.91890	22 40 05.58	-15 12 16.5	15.2 N	945
22P	2009 10 14.91809	22 38 55.61	-15 23 41.2	14.9 N	J38	22P	2009 10 17.92128	22 40 05.72	-15 12 15.9	15.2 N	945
22P	2009 10 15.49698	22 39 08.18	-15 21 35.4		900	22P	2009 10 18.08335	22 40 09.76	-15 11 28.3	16.3 T	I36
22P	2009 10 15.50064	22 39 08.25	-15 21 34.2	14.9 N	900	22P	2009 10 18.08646	22 40 09.83	-15 11 27.5	16.4 T	I36
22P	2009 10 15.88437	22 39 16.83	-15 20 10.1	15.0 N	J38	22P	2009 10 18.08841	22 40 09.91	-15 11 27.5	16.6 T	I36
22P	2009 10 15.89157	22 39 16.98	-15 20 08.6	15.0 N	J38	22P	2009 10 18.14345	22 40 11.12	-15 11 13.7	15.5 N	844
22P	2009 10 15.89337	22 39 17.01	-15 20 08.1	15.0 N	J38	22P	2009 10 18.15721	22 40 11.47	-15 11 10.2	15.6 N	844
22P	2009 10 15.90354	22 39 17.27	-15 20 05.4	15.1 N	J51	22P	2009 10 18.15811	22 40 11.47	-15 11 09.5	15.6 N	844
22P	2009 10 15.91080	22 39 17.37	-15 20 03.4	15.1 N	J53	22P	2009 10 18.16183	22 40 11.58	-15 11 08.5	15.7 N	844
22P	2009 10 15.91509	22 39 17.45	-15 20 02.4	15.2 N	J53	22P	2009 10 18.23196	22 40 13.52	-15 11 00.0		H10
22P	2009 10 15.91681	22 39 17.56	-15 20 02.7	15.1 N	J51	22P	2009 10 18.50807	22 40 20.86	-15 09 51.3		367
22P	2009 10 15.91724	22 39 17.50	-15 20 01.9	15.1 N	J53	22P	2009 10 18.50969	22 40 20.90	-15 09 50.9	13.0 T	367
22P	2009 10 15.92786	22 39 17.75	-15 19 59.3	15.2 N	J51	22P	2009 10 18.90307	22 40 31.36	-15 08 12.7	15.1 N	945
22P	2009 10 15.95769	22 39 18.34	-15 19 53.2	15.0 N	945	22P	2009 10 18.90648	22 40 31.34	-15 08 12.6	15.1 N	945
22P	2009 10 15.96054	22 39 18.39	-15 19 52.4	15.1 N	945	22P	2009 10 18.90988	22 40 31.47	-15 08 10.0	15.2 N	945
22P	2009 10 15.96672	22 39 18.56	-15 19 49.7	15.1 N	945	22P	2009 10 19.15698	22 40 38.42	-15 07 13.0	13.2 T	703
22P	2009 10 15.97177	22 39 18.60	-15 19 49.5	15.1 N	945	22P	2009 10 19.16486	22 40 38.60	-15 07 10.2	13.4 T	703
22P	2009 10 15.97459	22 39 18.72	-15 19 49.3	15.0 N	945	22P	2009 10 19.17503	22 40 38.85	-15 07 08.2	13.4 T	703
22P	2009 10 16.77331	22 39 37.58	-15 16 49.0	14.6 N	A77	22P	2009 10 19.18294	22 40 39.07	-15 07 06.6	13.3 T	703
22P	2009 10 16.78016	22 39 37.85	-15 16 45.0	16.2 N	J35	22P	2009 10 19.44491	22 40 46.09	-15 05 53.8	15.6 N	D95
22P	2009 10 16.78370	22 39 38.04	-15 16 43.9	16.1 N	J35	22P	2009 10 19.44844	22 40 46.23	-15 05 52.9	16.3 N	D95
22P	2009 10 16.78723	22 39 37.99	-15 16 44.4	16.1 N	J35	22P	2009 10 20.09335	22 41 04.29	-15 03 05.6	16.5 N	H53
22P	2009 10 16.79047	22 39 37.95	-15 16 43.8	14.7 N	A77	22P	2009 10 20.09683	22 41 04.38	-15 03 04.6	16.7 N	H53
22P	2009 10 16.80838	22 39 38.41	-15 16 39.2	16.4 N	I99	22P	2009 10 20.10031	22 41 04.48	-15 03 03.6	16.7 N	H53
22P	2009 10 16.80921	22 39 38.40	-15 16 39.6	14.7 N	A77	22P	2009 10 20.10378	22 41 04.56	-15 03 02.8	16.7 N	H53
22P	2009 10 16.83392	22 39 38.98	-15 16 33.1	16.5 N	I99	22P	2009 10 20.10724	22 41 04.64	-15 03 01.8	16.6 N	H53
22P	2009 10 16.86829	22 39 39.75	-15 16 25.9	15.1 N	J38	22P	2009 10 20.11072	22 41 04.75	-15 03 00.8	16.6 N	H53
22P	2009 10 16.87009	22 39 39.81	-15 16 25.6	15.0 N	J38	22P	2009 10 20.52803	22 41 16.54	-15 01 08.7	16.3 N	379
22P	2009 10 16.87190	22 39 39.84	-15 16 25.5	15.0 N	J38	22P	2009 10 20.52990	22 41 16.61	-15 01 08.2	16.2 N	379
22P	2009 10 16.89918	22 39 40.42	-15 16 19.1	15.3 N	J59	22P	2009 10 20.53389	22 41 16.69	-15 01 07.8	16.1 N	379
22P	2009 10 16.91452	22 39 40.76	-15 16 15.3	16.0 N	J59	22P	2009 10 20.54434	22 41 16.96	-15 01 04.8	15.9 N	379
22P	2009 10 16.91495	22 39 40.76	-15 16 15.9	15.1 N	232	22P	2009 10 21.16737	22 41 35.34	-14 58 16.1	15.4 N	H45
22P	2009 10 16.91955	22 39 40.85	-15 16 14.7	15.1 N	232	22P	2009 10 21.16832	22 41 35.40	-14 58 15.9	15.6 N	H45
22P	2009 10 16.92416	22 39 40.94	-15 16 13.7	15.1 N	232	22P	2009 10 21.17151	22 41 35.52	-14 58 15.1	15.4 N	H45
22P	2009 10 16.93101	22 39 41.09	-15 16 11.1	15.8 N	J59	22P	2009 10 21.17223	22 41 35.52	-14 58 15.8	16.5 N	H53
22P	2009 10 16.93434	22 39 41.22	-15 16 08.8	15.2 N	J47	22P	2009 10 21.17885	22 41 35.70	-14 58 13.8	16.7 N	H53

22P	2009 10 21.18580	22 41 35.91	-14 58 12.2	16.7 N	H53
22P	2009 10 21.19274	22 41 36.11	-14 58 10.0	16.6 N	H53
22P	2009 10 21.19969	22 41 36.31	-14 58 08.6	16.3 N	H53
22P	2009 10 21.20663	22 41 36.50	-14 58 06.3	16.3 N	H53
22P	2009 10 21.49745	22 41 45.34	-14 56 45.7	16.8 N	379
22P	2009 10 21.50344	22 41 45.54	-14 56 43.5	16.5 N	379
22P	2009 10 21.50532	22 41 45.60	-14 56 43.0	16.4 N	379
22P	2009 10 22.88567	22 42 28.78	-14 50 13.1	15.5 N	J51
22P	2009 10 22.89336	22 42 29.01	-14 50 11.0	15.5 N	J51
22P	2009 10 22.90105	22 42 29.24	-14 50 09.0	15.5 N	J51
22P	2009 10 24.79772	22 43 21.45	-14 42 21.4	16.3 N	D32
22P	2009 10 24.48377	22 43 21.80	-14 42 19.2	16.2 N	D32
22P	2009 10 24.49150	22 43 22.06	-14 42 15.1	16.1 N	D32
22P	2009 10 24.78161	22 43 31.96	-14 40 52.5	16.6 N	J10
22P	2009 10 24.78948	22 43 32.32	-14 40 47.7	16.4 N	J10
22P	2009 10 24.79772	22 43 32.61	-14 40 44.0	15.9 N	J10
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22P	2009 10 24.84415	22 43 34.16	-14 40 31.0	16.7 N	J47
22P	2009 10 24.85135	22 43 34.38	-14 40 28.7	15.3 N	J47
22P	2009 10 24.86685	22 43 34.76	-14 40 25.1	15.6 N	232
22P	2009 10 24.86997	22 43 34.87	-14 40 24.7	15.6 N	232
22P	2009 10 24.87227	22 43 34.95	-14 40 24.0	15.6 N	232
22P	2009 10 24.88035	22 43 35.22	-14 40 20.9	15.4 N	939
22P	2009 10 24.88641	22 43 35.42	-14 40 19.1	15.4 N	939
22P	2009 10 24.89245	22 43 35.61	-14 40 17.2	15.4 N	939
22P	2009 10 24.90104	22 43 35.96	-14 40 13.0	15.5 N	J53
22P	2009 10 24.91772	22 43 36.48	-14 40 07.7	15.5 N	J53
22P	2009 10 24.92039	22 43 36.58	-14 40 06.9	15.5 N	J53
22P	2009 10 24.97567	22 43 38.66	-14 39 44.0	16.8 N	I32
22P	2009 10 24.98210	22 43 38.87	-14 39 42.0	16.8 N	I32
22P	2009 10 24.98993	22 43 39.14	-14 39 39.2	16.9 N	I32
22P	2009 10 25.80355	22 44 07.82	-14 35 38.0	15.0 N	235
22P	2009 10 25.86776	22 44 10.11	-14 35 14.7	15.9 N	J51
22P	2009 10 25.87403	22 44 10.33	-14 35 12.3	15.9 N	J51
22P	2009 10 25.87798	22 44 10.39	-14 35 11.4	15.6 N	J38
22P	2009 10 25.88029	22 44 10.55	-14 35 10.3	15.4 N	J51
22P	2009 10 25.88225	22 44 10.55	-14 35 10.1	15.6 N	J38
22P	2009 10 25.88656	22 44 10.68	-14 35 09.0	15.6 N	J38
22P	2009 10 25.90017	22 44 11.18	-14 35 04.5	15.6 N	945
22P	2009 10 25.90344	22 44 11.33	-14 35 03.0	15.6 N	945
22P	2009 10 25.90554	22 44 11.36	-14 35 02.3	15.6 N	945
22P	2009 10 25.90829	22 44 11.44	-14 35 01.9	15.6 N	945
22P	2009 10 25.91466	22 44 11.67	-14 34 59.0	15.7 N	945
22P	2009 10 26.75712	22 44 42.55	-14 30 31.0	15.6 N	J97
22P	2009 10 26.76519	22 44 42.83	-14 30 28.8	15.6 N	J97
22P	2009 10 26.82064	22 44 44.81	-14 30 11.8	15.6 N	J38
22P	2009 10 26.82919	22 44 45.11	-14 30 09.3	15.6 N	J38
22P	2009 10 26.83133	22 44 45.20	-14 30 08.6	15.6 N	J38
22P	2009 10 26.92987	22 44 48.67	-14 29 35.0	15.6 N	945
22P	2009 10 26.93975	22 44 49.01	-14 29 32.8	15.6 N	945
22P	2009 10 26.94238	22 44 49.09	-14 29 32.2	15.6 N	945
22P	2009 10 26.94516	22 44 49.20	-14 29 32.3	15.6 N	945
22P	2009 10 26.94755	22 44 49.31	-14 29 32.8	15.6 N	945

22P	2009 10 29.87213	22 46 42.98	-14 13 14.5	15.5 N	J38
22P	2009 10 29.87497	22 46 43.05	-14 13 13.8	15.7 N	J38
22P	2009 10 29.87782	22 46 43.14	-14 13 12.8	15.6 N	J38

29P/Schwassmann-Wachmann

29P	2006 11 10.20951	04 11 55.99	+31 45 05.8	16.8 N	820
29P	2006 11 10.21102	04 11 55.93	+31 45 05.6	16.8 N	820
29P	2006 11 10.21254	04 11 55.88	+31 45 05.6	16.7 N	820
29P	2009 10 01.14908	09 31 46.51	+14 28 02.2	12.4 T	A77
29P	2009 10 01.15533	09 31 46.69	+14 28 02.5	15.0 N	A77
29P	2009 10 01.16157	09 31 46.93	+14 28 00.4	15.0 N	A77
29P	2009 10 02.14369	09 32 21.25	+14 24 38.0	15.5 T	442
29P	2009 10 02.14653	09 32 21.36	+14 24 36.2	15.5 T	442
29P	2009 10 03.15099	09 32 55.92	+14 21 09.6	15.5 N	A77
29P	2009 10 03.16003	09 32 56.28	+14 21 08.2	15.5 N	J96
29P	2009 10 03.16191	09 32 56.41	+14 21 07.5	15.6 N	A77
29P	2009 10 03.17112	09 32 56.74	+14 21 05.4	15.5 N	J96
29P	2009 10 03.17285	09 32 56.74	+14 21 06.4	14.9 N	A77
29P	2009 10 03.18541	09 32 57.13	+14 21 02.8	15.4 N	J96
29P	2009 10 04.17463	09 33 31.06	+14 17 41.0	16.2 N	A77
29P	2009 10 04.18241	09 33 31.25	+14 17 39.2	15.5 N	A77
29P	2009 10 07.14665	09 35 10.78	+14 07 41.5	15.5 T	442
29P	2009 10 07.14844	09 35 10.65	+14 07 38.1	15.5 T	442
29P	2009 10 09.79631	09 36 36.87	+13 58 53.5	18.9 N	D95
29P	2009 10 09.79763	09 36 36.88	+13 58 52.9	19.3 N	D95
29P	2009 10 09.80002	09 36 36.98	+13 58 53.1	16.8 N	D95
29P	2009 10 09.80354	09 36 37.18	+13 58 53.6	19.2 N	D95
29P	2009 10 11.06814	09 37 17.36	+13 54 41.3	11.8 T	B94
29P	2009 10 11.07245	09 37 17.46	+13 54 44.2		B94
29P	2009 10 11.19678	09 37 21.29	+13 54 19.7	15.8 N	939
29P	2009 10 11.20421	09 37 21.51	+13 54 17.9	15.8 N	939
29P	2009 10 11.21164	09 37 21.75	+13 54 16.4	15.8 N	939
29P	2009 10 11.81086	09 37 40.60	+13 52 17.3	17.7 N	D95
29P	2009 10 11.81500	09 37 40.77	+13 52 16.3	15.8 N	D95
29P	2009 10 12.17322	09 37 51.96	+13 51 10.1	15.8 N	939
29P	2009 10 12.18228	09 37 52.17	+13 51 08.4	15.8 N	939
29P	2009 10 12.18832	09 37 52.35	+13 51 07.1	15.8 N	939
29P	2009 10 13.13652	09 38 21.78	+13 48 04.1	16.0 T	442
29P	2009 10 13.13737	09 38 21.73	+13 48 02.9	16.0 T	442
29P	2009 10 13.13844	09 38 21.98	+13 48 02.9	15.9 T	442
29P	2009 10 13.13879	09 38 21.62	+13 48 03.9	15.9 T	442
29P	2009 10 16.14719	09 39 52.60	+13 38 32.4	15.7 T	442
29P	2009 10 16.24296	09 39 55.36	+13 38 12.7	16.2 N	J47
29P	2009 10 16.24777	09 39 55.52	+13 38 11.6	17.7 N	J47
29P	2009 10 16.26247	09 39 55.82	+13 38 10.7	15.6 N	J47
29P	2009 10 17.17166	09 40 22.65	+13 35 19.0	16.3 N	213
29P	2009 10 17.17965	09 40 22.88	+13 35 17.5	16.3 N	213
29P	2009 10 17.18367	09 40 22.99	+13 35 16.9	16.3 N	213
29P	2009 10 18.16356	09 40 51.37	+13 32 14.8	16.2 N	232
29P	2009 10 18.16726	09 40 51.53	+13 32 16.6	16.1 N	232
29P	2009 10 18.17096	09 40 51.57	+13 32 14.6	16.3 N	232
29P	2009 10 18.17899	09 40 51.77	+13 32 12.7	16.1 N	B99
29P	2009 10 18.18117	09 40 51.87	+13 32 12.2	16.3 N	B99

2009 NOV. 2

M.P.C. 67381

29P	2009 10 18.18334	09 40 51.91	+13 32 11.1	16.2 N	B99
29P	2009 10 18.46380	09 40 59.91	+13 31 18.8	16.8 N	H10
29P	2009 10 18.46809	09 41 00.12	+13 31 17.9	17.4 N	H10
29P	2009 10 18.47455	09 41 00.30	+13 31 17.2	16.9 N	H10
29P	2009 10 18.47885	09 41 00.24	+13 31 17.0	17.0 N	H10
29P	2009 10 18.48101	09 41 00.45	+13 31 15.4	17.5 N	H10
29P	2009 10 19.46374	09 41 28.27	+13 28 17.3	16.4 N	H47
29P	2009 10 19.46784	09 41 28.39	+13 28 16.0	16.4 N	H47
29P	2009 10 20.23729	09 41 49.98	+13 25 56.6	16.4 N	J47
29P	2009 10 20.23873	09 41 50.03	+13 25 56.3	16.4 N	J47
29P	2009 10 20.44766	09 41 55.81	+13 25 20.5	16.4 N	H47
29P	2009 10 20.45157	09 41 55.89	+13 25 18.2	16.5 N	H47
29P	2009 10 20.45536	09 41 55.99	+13 25 18.2	16.5 N	H47
29P	2009 10 20.45933	09 41 56.14	+13 25 17.1	16.3 N	H47
29P	2009 10 21.08113	09 42 13.31	+13 23 24.2	17.0 N	215
29P	2009 10 21.08184	09 42 13.32	+13 23 23.9	17.2 N	215
29P	2009 10 21.08254	09 42 13.33	+13 23 23.4	17.3 N	215
29P	2009 10 22.13820	09 42 42.18	+13 20 17.3	15.5 T	442
29P	2009 10 22.14013	09 42 42.15	+13 20 14.7	15.5 T	442
29P	2009 10 24.16665	09 43 35.98	+13 14 19.6	15.8 N	A77
29P	2009 10 24.17290	09 43 36.12	+13 14 18.8	15.8 N	A77
29P	2009 10 24.17911	09 43 36.29	+13 14 16.7	15.8 N	A77
29P	2009 10 24.34983	09 43 40.74	+13 13 49.1	17.3 N	I10
29P	2009 10 24.35209	09 43 40.74	+13 13 48.0	17.2 N	I10
29P	2009 10 24.35438	09 43 40.86	+13 13 47.9	17.3 N	I10
29P	2009 10 24.35661	09 43 40.88	+13 13 47.6	17.2 N	I10
29P	2009 10 24.35887	09 43 40.94	+13 13 46.8	17.2 N	I10
29P	2009 10 25.16271	09 44 01.77	+13 11 27.7	15.8 N	939
29P	2009 10 25.16852	09 44 01.91	+13 11 26.7	15.9 N	939
29P	2009 10 25.17434	09 44 02.04	+13 11 25.6	15.9 N	939
29P	2009 10 25.17638	09 44 02.06	+13 11 23.9	15.3 N	A77
29P	2009 10 25.18244	09 44 02.21	+13 11 23.7	15.2 N	A77
29P	2009 10 25.18847	09 44 02.34	+13 11 22.6	15.2 N	A77
29P	2009 10 25.22519	09 44 03.38	+13 11 16.8	15.9 N	J47
29P	2009 10 25.23102	09 44 03.51	+13 11 15.9	16.7 N	J47
29P	2009 10 25.23687	09 44 03.65	+13 11 14.8	16.0 N	J47
29P	2009 10 26.15597	09 44 26.83	+13 08 37.1		204
29P	2009 10 26.19377	09 44 27.77	+13 08 30.5	14.5 N	A77
29P	2009 10 26.19515	09 44 27.80	+13 08 30.4	15.1 N	204
29P	2009 10 26.20932	09 44 28.16	+13 08 27.3	14.6 N	A77
29P	2009 10 26.21126	09 44 28.05	+13 08 26.4	14.3 N	A77
29P	2009 10 26.23803	09 44 28.89	+13 08 23.8	14.9 N	J47
29P	2009 10 26.24450	09 44 29.07	+13 08 22.6	14.5 N	J47
29P	2009 10 26.25586	09 44 29.37	+13 08 20.3	14.9 N	J47
29P	2009 10 27.16570	09 44 52.07	+13 05 46.9	13.9 N	A77
29P	2009 10 27.17194	09 44 52.22	+13 05 46.2	13.8 N	A77
29P	2009 10 27.17817	09 44 52.32	+13 05 43.9	13.8 N	A77
29P	2009 10 27.25590	09 44 54.24	+13 05 32.0	15.0 N	J47
29P	2009 10 27.25735	09 44 54.26	+13 05 32.0	14.9 N	J47
29P	2009 10 27.43474	09 44 58.52	+13 05 03.5	17.0 T	704
29P	2009 10 27.44822	09 44 58.96	+13 04 59.8	18.8 T	704
29P	2009 10 27.46171	09 44 59.30	+13 04 57.7	18.9 T	704
29P	2009 10 27.47522	09 44 59.61	+13 04 54.4	19.2 T	704

29P	2009 10 27.48884	09 45 00.25	+13 04 51.6	18.2 T	704
29P	2009 10 28.06249	09 45 13.92	+13 03 16.9	15.2 T	114
29P	2009 10 28.06637	09 45 14.01	+13 03 16.2	15.2 T	114
29P	2009 10 28.07027	09 45 14.11	+13 03 15.6	15.2 T	114
29P	2009 10 28.07416	09 45 14.20	+13 03 14.9	15.2 T	114
29P	2009 10 28.07807	09 45 14.29	+13 03 14.3	15.2 T	114
29P	2009 10 28.16023	09 45 16.27	+13 03 00.9	14.7 N	A77
29P	2009 10 28.35862	09 45 21.09	+13 02 29.3	16.4 N	I10
29P	2009 10 28.36089	09 45 21.12	+13 02 28.8	16.4 N	I10
29P	2009 10 28.36321	09 45 21.18	+13 02 29.0	16.5 N	I10
29P	2009 10 28.36546	09 45 21.23	+13 02 28.5	16.5 N	I10
29P	2009 10 28.36784	09 45 21.28	+13 02 27.8	16.5 N	I10
29P	2009 10 29.22468	09 45 41.78	+13 00 05.8	14.8 N	J47
29P	2009 10 29.22612	09 45 41.84	+13 00 07.6	15.1 N	J47
29P	2009 10 30.15142	09 46 03.54	+12 57 34.9	14.6 N	A77
29P	2009 10 30.15612	09 46 03.63	+12 57 33.9	14.6 N	A77
29P	2009 10 30.16078	09 46 03.79	+12 57 33.4	14.5 N	A77
29P	2009 10 30.17867	09 46 04.18	+12 57 31.2	15.1 T	442
29P	2009 10 30.18007	09 46 04.22	+12 57 30.6	15.1 T	442

30P/Reinmuth

30P	2009 09 24.78417	05 12 38.14	+14 11 08.1	17.7 T	349
30P	2009 09 24.79000	05 12 38.45	+14 11 07.5		349
30P	2009 10 04.08601	05 20 20.88	+14 00 44.3	17.6 N	160
30P	2009 10 04.08874	05 20 21.07	+14 00 45.2	18.1 N	160
30P	2009 10 04.17874	05 20 25.01	+14 00 39.4	17.3 N	J47
30P	2009 10 04.18237	05 20 25.16	+14 00 39.5	17.5 N	J47
30P	2009 10 04.18641	05 20 25.33	+14 00 39.7	17.3 N	J47
30P	2009 10 16.06748	05 27 49.45	+13 43 13.3	17.5 T	106
30P	2009 10 16.07163	05 27 49.49	+13 43 13.5	17.0 T	106
30P	2009 10 16.07636	05 27 49.62	+13 43 11.9	17.4 T	106
30P	2009 10 16.08049	05 27 49.75	+13 43 11.6	17.2 T	106
30P	2009 10 16.08524	05 27 49.93	+13 43 12.1	17.2 T	106
30P	2009 10 16.08938	05 27 50.02	+13 43 11.3	17.0 T	106
30P	2009 10 16.09414	05 27 50.16	+13 43 10.2	17.1 T	106
30P	2009 10 16.09827	05 27 50.33	+13 43 10.8	17.3 T	106
30P	2009 10 18.01495	05 28 44.21	+13 40 08.7	17.7 N	213
30P	2009 10 18.01691	05 28 44.25	+13 40 08.2	17.7 N	213
30P	2009 10 18.02082	05 28 44.39	+13 40 07.6	17.7 N	213
30P	2009 10 19.12746	05 29 12.84	+13 38 20.6		204
30P	2009 10 19.17381	05 29 13.88	+13 38 16.2	17.3 N	204
30P	2009 10 20.34888	05 29 42.43	+13 36 26.6	19.2 T	704
30P	2009 10 20.34964	05 29 42.44	+13 36 23.3	17.8 N	H45
30P	2009 10 20.35186	05 29 42.51	+13 36 23.1	17.7 N	H45
30P	2009 10 20.35367	05 29 42.54	+13 36 22.8	17.7 N	H45
30P	2009 10 20.35568	05 29 42.60	+13 36 22.7	17.8 N	H45
30P	2009 10 20.36247	05 29 42.81	+13 36 22.0	19.7 T	704
30P	2009 10 20.36719	05 29 42.84	+13 36 21.9	17.8 N	H45
30P	2009 10 20.37038	05 29 42.90	+13 36 21.5	17.8 N	H45
30P	2009 10 20.37589	05 29 43.08	+13 36 22.2	19.6 T	704
30P	2009 10 20.38933	05 29 43.45	+13 36 19.0	19.9 T	704
30P	2009 10 20.40278	05 29 43.73	+13 36 18.1	18.9 T	704
30P	2009 10 21.29700	05 30 03.78	+13 34 52.0	17.3 N	H47

30P	2009 10 21.30553	05 30 03.95	+13 34 51.2	17.4 N	H47
30P	2009 10 21.31383	05 30 04.13	+13 34 50.7	17.1 N	H47
30P	2009 10 21.41067	05 30 06.08	+13 34 41.8	17.1 T	H06
30P	2009 10 21.41448	05 30 06.18	+13 34 41.3		H06
30P	2009 10 21.72322	05 30 12.78	+13 34 11.8	16.8 T	349
30P	2009 10 21.72769	05 30 12.87	+13 34 11.6		349
30P	2009 10 21.73212	05 30 12.97	+13 34 11.2		349
30P	2009 10 24.04051	05 30 57.72	+13 30 28.5	16.7 N	J40
30P	2009 10 24.05251	05 30 57.92	+13 30 27.1	17.0 N	J40
30P	2009 10 24.06619	05 30 58.18	+13 30 25.5	18.2 N	J40
30P	2009 10 24.27895	05 31 01.83	+13 30 10.8	18.0 N	I10
30P	2009 10 25.12044	05 31 15.54	+13 28 45.9	17.2 N	939
30P	2009 10 25.13343	05 31 15.73	+13 28 44.1	17.2 N	939
30P	2009 10 25.13994	05 31 15.82	+13 28 43.2	17.2 N	939
30P	2009 10 25.14641	05 31 15.87	+13 28 42.0	17.9 N	160
30P	2009 10 25.20146	05 31 16.62	+13 28 37.4	16.4 N	A77
30P	2009 10 25.20493	05 31 16.67	+13 28 37.0	16.3 N	A77
30P	2009 10 25.37136	05 31 19.44	+13 28 23.5	17.0 N	H47
30P	2009 10 25.38120	05 31 19.52	+13 28 21.4	17.3 N	H47
30P	2009 10 25.39233	05 31 19.72	+13 28 20.1	17.4 N	H47
30P	2009 10 25.94189	05 31 28.22	+13 27 26.6	16.5 N	235
30P	2009 10 27.35793	05 31 46.91	+13 25 16.1	19.2 T	704
30P	2009 10 27.37164	05 31 47.27	+13 25 15.8	19.9 T	704
30P	2009 10 27.39889	05 31 47.77	+13 25 13.4	20.0 T	704
30P	2009 10 28.33726	05 31 58.04	+13 23 50.1	17.9 N	I10
30P	2009 10 28.34208	05 31 58.10	+13 23 50.0	17.9 N	I10
30P	2009 10 28.34603	05 31 58.06	+13 23 49.6	18.0 N	I10
30P	2009 10 28.34973	05 31 58.15	+13 23 48.8	17.9 N	I10
30P	2009 10 28.35344	05 31 58.16	+13 23 48.6	17.9 N	I10
30P	2009 10 28.36469	05 31 58.33	+13 23 42.5	17.0 N	H47
30P	2009 10 28.37933	05 31 58.46	+13 23 41.1	17.0 N	H47
30P	2009 10 28.39342	05 31 58.57	+13 23 40.0	17.1 N	H47
30P	2009 10 28.98838	05 32 04.84	+13 22 45.0	18.0 N	B81
30P	2009 10 30.67832	05 32 18.46	+13 20 12.9		900
30P	2009 10 30.68892	05 32 18.51	+13 20 12.1	16.9 N	900

43P/Wolf-Harrington

43P	2009 09 29.81112	20 18 56.95	+00 41 08.1	17.8 N	160
43P	2009 09 29.81303	20 18 56.90	+00 41 07.4	17.9 N	160
43P	2009 09 29.81508	20 18 56.83	+00 41 06.7	18.3 N	160
43P	2009 10 01.84530	20 18 43.93	+00 30 19.6	19.1 N	J47
43P	2009 10 01.84972	20 18 43.92	+00 30 18.5	19.3 N	J47
43P	2009 10 01.85416	20 18 43.94	+00 30 17.1	18.6 N	J47
43P	2009 10 03.95555	20 18 36.99	+00 19 19.5	17.7 N	J47
43P	2009 10 03.96382	20 18 36.98	+00 19 17.4	18.9 N	J47
43P	2009 10 03.97133	20 18 36.96	+00 19 15.4	18.9 N	J47
43P	2009 10 04.86791	20 18 36.21	+00 14 37.4	18.7 N	J40
43P	2009 10 04.90047	20 18 36.14	+00 14 27.6	18.3 N	J40
43P	2009 10 04.92347	20 18 36.08	+00 14 20.9	18.5 N	J40
43P	2009 10 12.88072	20 19 22.67	-00 24 08.9	17.6 N	J53
43P	2009 10 12.88403	20 19 22.72	-00 24 09.8	17.9 N	J53
43P	2009 10 12.89394	20 19 22.78	-00 24 12.9	17.7 N	J53
43P	2009 10 13.85498	20 19 34.85	-00 28 32.0	17.6 N	160

43P	2009 10 13.85755	20 19 34.87	-00 28 33.2	18.0 N	160
43P	2009 10 13.85999	20 19 34.88	-00 28 33.6	17.9 N	160

47P/Ashbrook-Jackson

47P	2009 10 03.97057	03 56 10.27	+34 00 35.3	19.5 N	160
47P	2009 10 03.97312	03 56 10.51	+34 00 36.0	19.2 N	160
47P	2009 10 05.04991	03 55 56.95	+34 06 03.0	17.9 N	J47
47P	2009 10 05.05395	03 55 56.88	+34 06 03.9	17.9 N	J47
47P	2009 10 05.05800	03 55 56.85	+34 06 04.3	18.7 N	J47
47P	2009 10 10.63106	03 54 18.23	+34 32 21.5		900
47P	2009 10 10.63819	03 54 18.01	+34 32 23.7	18.2 T	900
47P	2009 10 11.02425	03 54 09.41	+34 34 05.2	18.0 N	J01
47P	2009 10 14.16295	03 52 50.77	+34 47 17.2	19.3 N	160
47P	2009 10 14.16552	03 52 50.58	+34 47 17.7	18.6 N	160
47P	2009 10 15.98056	03 51 58.77	+34 54 24.0	19.2 N	B42
47P	2009 10 15.98763	03 51 58.53	+34 54 25.7	18.4 N	B42
47P	2009 10 15.99626	03 51 58.28	+34 54 27.8	19.0 N	B42
47P	2009 10 16.01559	03 51 57.79	+34 54 32.3	17.3 T	J75
47P	2009 10 16.02786	03 51 57.35	+34 54 35.0	17.6 T	J75
47P	2009 10 16.04019	03 51 57.00	+34 54 37.7	18.2 T	J75
47P	2009 10 18.03404	03 50 54.09	+35 01 56.2	18.0 N	A02
47P	2009 10 18.04589	03 50 53.74	+35 01 58.6	17.9 N	A02
47P	2009 10 18.05183	03 50 53.56	+35 01 59.7	18.0 N	A02
47P	2009 10 18.27070	03 50 46.33	+35 02 46.0	18.3 N	H45
47P	2009 10 18.27418	03 50 46.24	+35 02 47.3	18.5 N	H45
47P	2009 10 18.27604	03 50 46.16	+35 02 47.9	18.5 N	H45
47P	2009 10 19.10360	03 50 18.00	+35 05 38.0		204
47P	2009 10 19.15883	03 50 16.02	+35 05 48.9	17.7 N	204
47P	2009 10 21.25564	03 49 01.07	+35 12 37.6	18.2 N	H47
47P	2009 10 21.26779	03 49 00.59	+35 12 40.1	18.0 N	H47
47P	2009 10 21.28098	03 49 00.09	+35 12 44.3	17.4 N	H47
47P	2009 10 22.93855	03 47 56.64	+35 17 37.1	18.2 N	585
47P	2009 10 22.94235	03 47 56.48	+35 17 37.6	18.3 N	585
47P	2009 10 22.94466	03 47 56.38	+35 17 37.9	18.2 N	585
47P	2009 10 22.94624	03 47 56.32	+35 17 37.7	18.1 N	585
47P	2009 10 22.94700	03 47 56.30	+35 17 37.5	18.2 N	585
47P	2009 10 25.88198	03 45 55.83	+35 25 21.6	18.0 N	235
47P	2009 10 25.92500	03 45 54.00	+35 25 28.4	18.8 N	160
47P	2009 10 25.92779	03 45 53.81	+35 25 28.4	18.3 N	160
47P	2009 10 25.93052	03 45 53.69	+35 25 28.5	18.0 N	160
47P	2009 10 26.36891	03 45 34.61	+35 26 32.1	18.5 N	850
47P	2009 10 26.38407	03 45 33.91	+35 26 33.2	18.0 N	850
47P	2009 10 26.39926	03 45 33.18	+35 26 35.0	17.5 N	850
47P	2009 10 26.95100	03 45 09.32	+35 27 50.2	17.2 N	J01
47P	2009 10 26.96192	03 45 09.03	+35 27 51.7	17.5 N	J01
47P	2009 10 26.97283	03 45 08.46	+35 27 54.0	17.9 N	J01
47P	2009 10 28.34070	03 44 06.97	+35 30 50.6	17.2 N	H47
47P	2009 10 28.34727	03 44 06.86	+35 30 52.3	17.3 N	H47

54P/de Vico-Swift-NEAT

54P	2009 10 08.47910	21 35 31.12	-17 05 08.1	20.0 T	E12
54P	2009 10 08.48735	21 35 31.16	-17 05 04.3	19.0 T	E12
54P	2009 10 08.49568	21 35 31.38	-17 04 59.9	20.1 T	E12
54P	2009 10 08.50393	21 35 31.45	-17 04 58.4	19.4 T	E12

54P	2009 10 09.79147	21 35 55.44	-16 57 30.9	18.9 N	A77	73P-C	2006 03 29.96837	14 37 16.44	+18 59 39.3		114
54P	2009 10 09.80081	21 35 55.55	-16 57 26.9	18.6 N	A77	73P-C	2006 03 29.97547	14 37 17.06	+18 59 46.3		114
54P	2009 10 10.48733	21 36 09.25	-16 53 18.3	18.7 T	349	73P-C	2006 03 29.98970	14 37 18.38	+19 00 00.9		114
54P	2009 10 10.49486	21 36 09.44	-16 53 14.6		349	73P-C	2006 03 30.00392	14 37 19.62	+19 00 15.6		114
54P	2009 10 16.58580	21 38 48.34	-16 14 12.9	19.8 N	D25	73P-C	2006 04 12.86661	15 04 52.46	+23 32 36.4	15.3 N	B16
54P	2009 10 16.59293	21 38 48.49	-16 14 09.8	19.4 N	D25	73P-C	2006 04 12.87306	15 04 53.43	+23 32 45.2	14.9 N	B16
54P	2009 10 16.60248	21 38 48.66	-16 14 03.4	19.8 N	D25	73P-C	2006 04 12.87848	15 04 54.24	+23 32 52.7	15.4 N	B16
54P	2009 10 22.10742	21 42 06.74	-15 35 26.3	20.0 T	291	73P-C	2006 04 25.88086	15 59 33.60	+29 23 18.0		B16
54P	2009 10 22.11227	21 42 06.92	-15 35 24.1	20.1 T	291	73P-C	2006 04 25.88810	15 59 36.52	+29 23 32.5		B16
54P	2009 10 22.11709	21 42 07.08	-15 35 22.2	20.1 T	291	73P-C	2006 04 25.89608	15 59 39.67	+29 23 47.8		B16
64P/Swift-Gehrels						73P-C	2006 04 26.82891	16 06 22.14	+29 53 40.7	11.3 N	B16
64P	2009 08 30.01824	07 50 20.49	+24 20 40.7	14.4 T	B94	73P-C	2006 04 26.84181	16 06 27.81	+29 54 06.2	11.3 N	B16
64P	2009 08 30.01907	07 50 20.69	+24 20 38.3		B94	73P-C	2006 04 26.84883	16 06 30.95	+29 54 20.5	11.4 N	B16
64P	2009 08 30.01991	07 50 20.72	+24 20 37.8		B94	73P-C	2006 05 07.90162	18 47 42.24	+33 13 53.0	9.8 N	B05
64P	2009 09 28.16105	08 56 52.87	+19 19 26.7	16.4 N	A77	73P-C	2006 05 07.90519	18 47 47.36	+33 13 46.3	9.8 N	B05
64P	2009 09 28.16729	08 56 53.63	+19 19 22.6	16.7 N	A77	73P-C	2006 05 07.91257	18 47 57.99	+33 13 31.9	9.7 N	B05
64P	2009 09 28.17354	08 56 54.33	+19 19 19.0	15.1 T	A77	73P-G	2006 04 12.94269	14 46 46.66	+25 02 51.8		B16
64P	2009 10 01.14079	09 02 35.03	+18 47 20.3	13.4 T	A77	73P-G	2006 04 12.94730	14 46 47.14	+25 02 58.6		B16
64P	2009 10 01.14391	09 02 35.39	+18 47 18.2	16.7 N	A77	73P-G	2006 04 12.95475	14 46 47.94	+25 03 09.6		B16
64P	2009 10 01.14703	09 02 35.74	+18 47 16.4	16.4 N	A77	73P-G	2006 04 25.95340	15 25 01.62	+31 42 43.4	16.5 N	B16
64P	2009 10 05.45135	09 10 28.96	+18 01 03.4	15.9 T	H06	73P-N	2006 04 25.98856	15 19 50.32	+32 03 48.5	17.9 N	B16
64P	2009 10 05.45321	09 10 29.16	+18 01 02.7		H06	73P-R	2006 04 25.96699	15 22 23.21	+31 52 30.5	17.2 N	B16
64P	2009 10 05.45507	09 10 29.34	+18 01 01.6		H06	73P-R	2006 04 25.97238	15 22 24.60	+31 52 44.0	17.2 N	B16
64P	2009 10 11.08828	09 20 11.62	+17 01 09.2	15.1 T	B94	73P-R	2006 04 25.97796	15 22 26.09	+31 52 57.2	17.4 N	B16
64P	2009 10 14.48104	09 25 41.88	+16 25 37.5	15.3 T	703	73P-AJ	2006 04 26.93777	15 11 06.40	+33 21 06.6	18.4 N	B16
64P	2009 10 14.48576	09 25 42.27	+16 25 34.3	15.3 T	703	73P-AJ	2006 04 26.94516	15 11 08.19	+33 21 28.5	18.5 N	B16
64P	2009 10 14.49080	09 25 42.74	+16 25 30.9	15.3 T	703	73P-BC	2006 04 26.91524	16 15 54.82	+29 16 43.1	18.7 N	B16
64P	2009 10 14.49571	09 25 43.28	+16 25 27.6	15.6 T	703	73P-BQ	2006 04 25.98775	15 19 24.07	+32 03 27.3	17.0 N	B16
64P	2009 10 14.78090	09 26 10.36	+16 22 28.0	18.0 N	372	73P-BQ	2006 04 25.99289	15 19 25.34	+32 03 40.4	17.0 N	B16
64P	2009 10 19.75719	09 33 45.10	+15 31 20.8	15.5 T	349	73P-BQ	2006 04 25.99757	15 19 26.58	+32 03 51.6	17.0 N	B16
64P	2009 10 19.76079	09 33 45.46	+15 31 18.0		349	74P/Smirnova-Chernykh					
64P	2009 10 21.08624	09 35 40.86	+15 17 53.5	18.2 N	215	74P	2006 11 10.18247	02 08 29.96	+07 01 28.2	17.5 T	820
64P	2009 10 21.08730	09 35 40.95	+15 17 53.3	18.2 N	215	74P	2006 11 10.18534	02 08 29.87	+07 01 27.6		820
64P	2009 10 21.08836	09 35 41.03	+15 17 53.0	17.9 N	215	81P/Wild					
64P	2009 10 27.43452	09 44 20.71	+14 15 16.2	18.4 T	704	81P	2009 09 28.14385	08 41 33.91	+16 48 27.5	13.0 N	A77
64P	2009 10 27.44800	09 44 21.74	+14 15 08.7	18.7 T	704	81P	2009 09 28.15008	08 41 34.77	+16 48 24.5	13.1 N	A77
64P	2009 10 27.46148	09 44 22.71	+14 15 02.2	18.7 T	704	81P	2009 09 28.15633	08 41 35.56	+16 48 21.4	13.3 N	A77
64P	2009 10 27.47499	09 44 23.73	+14 14 55.1	18.3 T	704	81P	2009 10 01.13262	08 47 59.37	+16 25 12.6	13.8 T	A77
64P	2009 10 27.48861	09 44 24.87	+14 14 47.0	18.4 T	704	81P	2009 10 01.13573	08 47 59.80	+16 25 10.9	14.6 N	A77
73P/Schwassmann-Wachmann						81P	2009 10 01.13884	08 48 00.16	+16 25 09.5	14.5 N	A77
73P-B	2006 04 12.89657	14 49 25.75	+24 49 04.1		B16	81P	2009 10 03.14286	08 52 19.17	+16 09 04.5	14.6 N	A77
73P-B	2006 04 12.91903	14 49 28.25	+24 49 37.1	15.3 N	B16	81P	2009 10 03.14598	08 52 19.32	+16 09 03.7	15.5 N	A77
73P-B	2006 04 12.92597	14 49 29.00	+24 49 47.1	15.7 N	B16	81P	2009 10 03.14911	08 52 19.90	+16 09 02.0	14.7 N	A77
73P-B	2006 04 25.92067	15 30 06.57	+31 23 41.7		B16	81P	2009 10 03.79626	08 53 43.61	+16 03 45.7		367
73P-B	2006 04 25.92778	15 30 08.66	+31 23 58.4		B16	81P	2009 10 03.79788	08 53 43.83	+16 03 44.9	14.0 T	367
73P-B	2006 04 25.93590	15 30 10.96	+31 24 16.1		B16	81P	2009 10 05.46112	08 57 19.19	+15 50 00.4	14.4 T	H06
73P-B	2006 04 26.87716	15 35 12.73	+32 01 17.4	11.2 N	B16	81P	2009 10 05.46298	08 57 19.44	+15 49 59.4		H06
73P-B	2006 04 26.88117	15 35 14.03	+32 01 27.0	11.2 N	B16	81P	2009 10 05.46483	08 57 19.68	+15 49 58.5		H06
73P-B	2006 04 26.88541	15 35 15.39	+32 01 37.2	11.2 N	B16	81P	2009 10 11.04463	09 09 24.53	+15 01 51.5	12.7 T	B94
73P-B	2006 05 07.97317	17 48 53.21	+40 21 34.3		B05	81P	2009 10 11.04895	09 09 25.03	+15 01 50.5		B94
73P-B	2006 05 07.97450	17 48 55.05	+40 21 36.3		B05	81P	2009 10 11.17152	09 09 40.83	+15 00 47.0	15.0 N	939
73P-B	2006 05 07.97539	17 48 56.27	+40 21 37.6		B05	81P	2009 10 11.17479	09 09 41.26	+15 00 45.0	14.9 N	939

81P	2009 10 11.17968	09 09 41.91	+15 00 42.2	14.9 N	939	81P	2009 10 25.18244	09 40 13.40	+12 47 34.6	13.8 N	A77
81P	2009 10 12.15001	09 11 48.31	+14 52 01.4	14.9 N	939	81P	2009 10 25.18847	09 40 14.14	+12 47 30.5	13.9 N	A77
81P	2009 10 12.15654	09 11 49.14	+14 51 58.0	14.9 N	939	81P	2009 10 25.46524	09 40 50.51	+12 44 43.8	15.3 N	H47
81P	2009 10 12.16306	09 11 49.98	+14 51 54.7	14.9 N	939	81P	2009 10 25.46820	09 40 50.93	+12 44 41.8	15.3 N	H47
81P	2009 10 17.18727	09 22 45.67	+14 05 38.7	14.8 N	213	81P	2009 10 25.47041	09 40 51.28	+12 44 40.2	15.2 N	H47
81P	2009 10 17.19951	09 22 47.25	+14 05 32.0	14.8 N	213	81P	2009 10 25.47253	09 40 51.45	+12 44 38.6	15.1 N	H47
81P	2009 10 17.20203	09 22 47.57	+14 05 30.6	14.8 N	213	81P	2009 10 25.47476	09 40 51.76	+12 44 37.7	15.3 N	H47
81P	2009 10 17.20603	09 22 48.18	+14 05 29.6	14.9 N	J51	81P	2009 10 26.19377	09 42 26.27	+12 37 18.6	14.0 N	A77
81P	2009 10 17.21097	09 22 48.74	+14 05 25.6	15.0 N	J59	81P	2009 10 26.20932	09 42 28.28	+12 37 10.0	14.1 N	A77
81P	2009 10 17.21111	09 22 48.84	+14 05 26.6	14.9 N	J51	81P	2009 10 26.21126	09 42 28.70	+12 37 09.1	13.9 N	A77
81P	2009 10 17.21618	09 22 49.49	+14 05 23.6	14.9 N	J51	81P	2009 10 27.16570	09 44 34.10	+12 27 23.6	13.4 N	A77
81P	2009 10 17.21827	09 22 49.70	+14 05 21.4	15.3 N	J59	81P	2009 10 27.17194	09 44 34.92	+12 27 19.8	13.2 N	A77
81P	2009 10 17.22518	09 22 50.59	+14 05 17.6	15.4 N	J59	81P	2009 10 27.17817	09 44 35.72	+12 27 15.7	13.2 N	A77
81P	2009 10 17.22736	09 22 50.89	+14 05 15.0	15.7 N	987	81P	2009 10 27.43474	09 45 09.38	+12 24 40.9	16.5 T	704
81P	2009 10 17.22931	09 22 51.15	+14 05 14.0	15.6 N	987	81P	2009 10 27.44822	09 45 11.15	+12 24 32.7	16.9 T	704
81P	2009 10 18.09037	09 24 43.89	+13 57 05.9	14.6 N	945	81P	2009 10 27.46171	09 45 12.94	+12 24 22.5	16.5 T	704
81P	2009 10 18.09428	09 24 44.34	+13 57 04.4	14.6 N	945	81P	2009 10 27.47522	09 45 14.76	+12 24 16.1	16.5 T	704
81P	2009 10 18.09652	09 24 44.69	+13 57 01.3	14.7 N	945	81P	2009 10 27.48884	09 45 16.67	+12 24 07.8	15.6 T	704
81P	2009 10 18.09885	09 24 44.92	+13 57 01.0	14.7 N	945	81P	2009 10 28.16023	09 46 44.95	+12 17 09.9	14.1 N	A77
81P	2009 10 18.10176	09 24 45.38	+13 56 58.2	14.7 N	945	81P	2009 10 28.37013	09 47 12.54	+12 15 04.2	16.2 N	I10
81P	2009 10 18.16509	09 24 53.55	+13 56 22.9	14.9 N	B99	81P	2009 10 28.37184	09 47 12.81	+12 15 03.3	16.2 N	I10
81P	2009 10 18.16727	09 24 53.84	+13 56 21.6	14.8 N	B99	81P	2009 10 28.37356	09 47 13.01	+12 15 02.4	16.3 N	I10
81P	2009 10 18.16944	09 24 54.11	+13 56 20.5	14.8 N	B99	81P	2009 10 28.37529	09 47 13.21	+12 15 00.6	16.2 N	I10
81P	2009 10 18.17162	09 24 54.39	+13 56 18.9	14.7 N	B99	81P	2009 10 28.37701	09 47 13.50	+12 14 59.6	16.1 N	I10
81P	2009 10 18.17383	09 24 54.69	+13 56 17.9	14.8 N	B99	81P	2009 10 28.43935	09 47 21.65	+12 14 18.2	14.9 N	H47
81P	2009 10 18.44786	09 25 30.55	+13 53 42.5	14.7 N	H47	81P	2009 10 28.44117	09 47 21.89	+12 14 17.5	14.5 N	H47
81P	2009 10 18.44972	09 25 30.77	+13 53 41.7	14.6 N	H47	81P	2009 10 28.44313	09 47 22.19	+12 14 15.5	15.0 N	H47
81P	2009 10 18.45145	09 25 30.99	+13 53 40.3	14.6 N	H47	81P	2009 10 28.44499	09 47 22.42	+12 14 14.9	14.8 N	H47
81P	2009 10 19.14254	09 27 01.42	+13 47 02.3		204	81P	2009 10 28.44666	09 47 22.64	+12 14 13.8	14.9 N	H47
81P	2009 10 19.17921	09 27 06.21	+13 46 41.2	15.0 N	204	81P	2009 10 28.44830	09 47 22.85	+12 14 12.3	14.9 N	H47
81P	2009 10 19.44849	09 27 41.49	+13 44 07.0	14.6 N	H47	81P	2009 10 29.23170	09 49 06.00	+12 06 04.2	13.4 N	J47
81P	2009 10 19.45091	09 27 41.80	+13 44 05.8	14.8 N	H47	81P	2009 10 29.23269	09 49 06.13	+12 06 03.6	13.3 N	J47
81P	2009 10 19.45282	09 27 42.06	+13 44 04.9	14.6 N	H47	81P	2009 10 29.23465	09 49 06.39	+12 06 02.4	13.4 N	J47
81P	2009 10 19.45469	09 27 42.28	+13 44 03.5	14.6 N	H47	81P	2009 10 30.18786	09 51 11.92	+11 56 04.8	12.7 N	A77
81P	2009 10 19.45653	09 27 42.51	+13 44 02.7	14.6 N	H47	81P	2009 10 30.19410	09 51 12.73	+11 56 00.5	12.7 N	A77
81P	2009 10 19.80266	09 28 27.86	+13 40 41.6	13.9 T	349	81P	2009 10 30.20032	09 51 13.61	+11 55 56.8	12.7 N	A77
81P	2009 10 19.80517	09 28 28.18	+13 40 40.3		349						
81P	2009 10 19.80770	09 28 28.50	+13 40 38.8		349						
81P	2009 10 20.43858	09 29 51.15	+13 34 33.3	14.7 N	H47						
81P	2009 10 20.44082	09 29 51.44	+13 34 31.8	14.7 N	H47	88P	2009 09 26.40546	15 56 26.87	-23 03 33.6	10.7 T	349
81P	2009 10 20.44254	09 29 51.67	+13 34 30.9	14.7 N	H47	88P	2009 09 26.40780	15 56 27.36	-23 03 35.4		349
81P	2009 10 21.09165	09 31 16.71	+13 28 10.2	15.1 N	215	88P	2009 09 30.51809	16 10 40.75	-23 49 30.1		D25
81P	2009 10 21.09235	09 31 16.80	+13 28 09.8	15.1 N	215	88P	2009 09 30.51924	16 10 40.97	-23 49 30.8		D25
81P	2009 10 21.09306	09 31 16.89	+13 28 09.4	15.1 N	215	88P	2009 09 30.52040	16 10 41.21	-23 49 31.4		D25
81P	2009 10 24.36103	09 38 25.54	+12 55 53.9	16.2 N	I10	88P	2009 10 04.39728	16 24 27.69	-24 29 01.0	14.3 N	900
81P	2009 10 24.36263	09 38 25.71	+12 55 52.8	16.2 N	I10	88P	2009 10 04.40094	16 24 28.50	-24 29 03.8		900
81P	2009 10 24.36418	09 38 25.99	+12 55 51.8	16.2 N	I10	88P	2009 10 06.76432	16 33 01.93	-24 51 01.2	13.2 N	B74
81P	2009 10 24.36578	09 38 26.17	+12 55 50.8	16.2 N	I10	88P	2009 10 06.76645	16 33 02.39	-24 51 01.0	13.3 N	B74
81P	2009 10 24.36735	09 38 26.40	+12 55 51.0	16.2 N	I10	88P	2009 10 06.77212	16 33 03.62	-24 51 04.1	13.4 N	B74
81P	2009 10 25.15237	09 40 09.50	+12 47 52.8	14.5 N	939	88P	2009 10 10.39543	16 46 23.46	-25 21 23.3	10.6 T	349
81P	2009 10 25.15416	09 40 09.74	+12 47 51.6	14.5 N	939	88P	2009 10 10.39690	16 46 23.81	-25 21 23.7		349
81P	2009 10 25.15683	09 40 10.08	+12 47 50.0	14.5 N	939	88P	2009 10 10.39839	16 46 24.14	-25 21 24.3		349
81P	2009 10 25.17638	09 40 12.63	+12 47 38.1	13.9 N	A77	88P	2009 10 10.40402	16 46 25.40	-25 21 26.9		900
						88P	2009 10 10.40767	16 46 26.22	-25 21 28.5	13.5 N	900

88P/Howell

2009 NOV. 2

M.P.C. 67385

88P	2009 10 11.38882	16 50 05.45	-25 28 57.5		D81	118P	2009 10 12.00887	05 48 37.49	+11 36 31.3	17.8 T	071
88P	2009 10 11.39029	16 50 05.77	-25 28 58.0		D81	118P	2009 10 12.01160	05 48 37.50	+11 36 31.1	16.8 T	071
88P	2009 10 11.39156	16 50 06.05	-25 28 59.2		D81	118P	2009 10 12.01411	05 48 37.64	+11 36 30.4	16.6 T	071
88P	2009 10 11.39273	16 50 06.29	-25 28 59.5	10.0 T	D81	118P	2009 10 12.01670	05 48 37.48	+11 36 28.9	17.7 T	071
88P	2009 10 11.41295	16 50 10.82	-25 29 08.3		367	118P	2009 10 12.02086	05 48 38.16	+11 36 27.4	17.3 T	071
88P	2009 10 11.42678	16 50 13.90	-25 29 14.2	11.3 T	367	118P	2009 10 12.04963	05 48 40.02	+11 36 20.7	15.7 N	939
88P	2009 10 15.40690	17 05 13.39	-25 56 12.2	13.7 N	900	118P	2009 10 12.05567	05 48 40.38	+11 36 19.2	15.7 N	939
88P	2009 10 15.40836	17 05 13.75	-25 56 12.9		900	118P	2009 10 12.06171	05 48 40.73	+11 36 17.5	15.7 N	939
88P	2009 10 15.76014	17 06 34.01	-25 58 20.2	13.0 N	B74	118P	2009 10 13.70351	05 50 24.43	+11 28 50.4	15.2 T	349
88P	2009 10 15.76928	17 06 36.18	-25 58 23.6	13.1 N	B74	118P	2009 10 13.70660	05 50 24.60	+11 28 49.8		349
88P	2009 10 15.77579	17 06 37.63	-25 58 26.6	13.0 N	B74	118P	2009 10 17.03645	05 53 43.28	+11 13 17.7	15.4 N	A01
88P	2009 10 18.03937	17 15 16.30	-26 10 53.3	15.0 T	I36	118P	2009 10 17.04038	05 53 43.50	+11 13 16.8	15.4 N	A01
88P	2009 10 18.04124	17 15 16.74	-26 10 53.8	15.0 T	I36	118P	2009 10 17.04432	05 53 43.73	+11 13 15.6	15.4 N	A01
88P	2009 10 18.04326	17 15 17.18	-26 10 54.2	14.9 T	I36	118P	2009 10 17.15270	05 53 49.79	+11 12 44.9	16.3 N	J59
88P	2009 10 21.03892	17 26 50.15	-26 24 38.8	14.9 N	I10	118P	2009 10 17.15939	05 53 50.15	+11 12 43.1	16.1 N	J59
88P	2009 10 21.04543	17 26 51.67	-26 24 40.2	15.0 N	I10	118P	2009 10 17.17036	05 53 50.77	+11 12 40.0	16.0 N	J59
88P	2009 10 21.05186	17 26 53.15	-26 24 41.6	14.8 N	I10	118P	2009 10 17.21601	05 53 53.34	+11 12 25.8	16.8 N	987
88P	2009 10 27.76284	17 53 04.02	-26 43 02.6	13.1 N	B74	118P	2009 10 17.21777	05 53 53.44	+11 12 25.4	16.7 N	987
88P	2009 10 27.76803	17 53 05.24	-26 43 03.3	13.1 N	B74	118P	2009 10 17.21992	05 53 53.57	+11 12 24.8	16.8 N	987
88P	2009 10 27.77088	17 53 05.89	-26 43 03.2	13.2 N	B74	118P	2009 10 17.39964	05 54 03.85	+11 11 36.4	15.8 N	H47
89P/Russell						118P	2009 10 17.40870	05 54 04.34	+11 11 32.9	16.3 N	H47
89P	2009 09 19.45750	18 32 13.02	-37 38 21.0	16.3 T	D90	118P	2009 10 17.41615	05 54 04.74	+11 11 31.0	16.0 N	H47
89P	2009 09 19.45956	18 32 13.21	-37 38 20.2		D90	118P	2009 10 18.10045	05 54 43.25	+11 08 15.7	15.7 N	939
89P	2009 09 19.46163	18 32 13.38	-37 38 19.5		D90	118P	2009 10 18.10648	05 54 43.59	+11 08 13.9	15.7 N	939
89P	2009 10 09.09145	19 03 42.75	-35 46 36.6	17.0 T	H06	118P	2009 10 18.10950	05 54 43.76	+11 08 13.0	15.7 N	939
89P	2009 10 09.09516	19 03 42.99	-35 46 35.2		H06	118P	2009 10 18.12088	05 54 44.31	+11 08 09.5	15.6 N	232
118P/Shoemaker-Levy						118P	2009 10 18.12597	05 54 44.60	+11 08 08.2	15.7 N	232
118P	2009 09 19.80036	05 20 05.53	+12 59 38.6	15.1 T	D25	118P	2009 10 18.12851	05 54 44.71	+11 08 07.5	15.6 N	232
118P	2009 09 25.70257	05 28 29.60	+12 41 21.1	15.4 T	349	118P	2009 10 18.15227	05 54 46.12	+11 08 00.6	15.8 N	B99
118P	2009 09 25.70715	05 28 29.97	+12 41 20.2		349	118P	2009 10 18.15444	05 54 45.84	+11 07 59.9	16.0 N	B99
118P	2009 09 25.71175	05 28 30.35	+12 41 19.6		349	118P	2009 10 18.15662	05 54 46.37	+11 07 59.3	15.8 N	B99
118P	2009 10 01.12198	05 35 43.46	+12 21 58.3	15.6 T	A77	118P	2009 10 18.15880	05 54 46.36	+11 07 58.6	15.8 N	B99
118P	2009 10 01.12666	05 35 43.83	+12 21 56.8	15.6 T	A77	118P	2009 10 18.16100	05 54 46.53	+11 07 58.1	15.8 N	B99
118P	2009 10 01.12977	05 35 44.06	+12 21 56.3	15.5 T	A77	118P	2009 10 18.38609	05 54 59.05	+11 06 54.7	15.4 N	H47
118P	2009 10 03.76707	05 39 04.15	+12 11 41.1		367	118P	2009 10 18.39530	05 54 59.53	+11 06 52.0	15.5 N	H47
118P	2009 10 03.77141	05 39 04.46	+12 11 40.0	16.1 T	367	118P	2009 10 18.40760	05 55 00.19	+11 06 48.6	15.3 N	H47
118P	2009 10 04.10324	05 39 29.15	+12 10 19.4	17.2 N	160	118P	2009 10 18.72947	05 55 17.89	+11 05 16.7		D81
118P	2009 10 04.10600	05 39 29.36	+12 10 18.2	17.0 N	160	118P	2009 10 18.73499	05 55 18.15	+11 05 15.5	14.7 T	D81
118P	2009 10 05.13759	05 40 45.22	+12 06 09.2	16.2 N	J47	118P	2009 10 19.13368	05 55 39.84	+11 03 19.2		204
118P	2009 10 05.14437	05 40 45.72	+12 06 07.5	17.2 N	J47	118P	2009 10 19.16916	05 55 41.67	+11 03 09.0	15.4 N	204
118P	2009 10 05.15006	05 40 46.12	+12 06 06.0	16.1 N	J47	118P	2009 10 19.37467	05 55 52.86	+11 02 11.0	15.4 N	H47
118P	2009 10 05.43146	05 41 06.49	+12 04 56.9	16.1 T	H06	118P	2009 10 19.38268	05 55 53.31	+11 02 08.8	15.5 N	H47
118P	2009 10 05.43332	05 41 06.61	+12 04 56.4		H06	118P	2009 10 19.38999	05 55 53.68	+11 02 06.7	15.5 N	H47
118P	2009 10 05.43518	05 41 06.74	+12 04 56.1		H06	118P	2009 10 20.37279	05 56 45.73	+10 57 23.9	15.3 N	H47
118P	2009 10 09.02341	05 45 19.51	+11 49 44.7	15.9 N	939	118P	2009 10 20.38036	05 56 46.12	+10 57 21.7	15.3 N	H47
118P	2009 10 09.03204	05 45 20.10	+11 49 42.4	15.9 N	939	118P	2009 10 20.38771	05 56 46.51	+10 57 19.6	15.3 N	H47
118P	2009 10 09.04065	05 45 20.66	+11 49 40.1	16.0 N	939	118P	2009 10 20.68874	05 57 02.27	+10 55 51.6		900
118P	2009 10 10.97808	05 47 30.35	+11 41 07.9	15.4 T	B94	118P	2009 10 20.69587	05 57 02.58	+10 55 49.7	15.6 N	900
118P	2009 10 11.10560	05 47 38.58	+11 40 34.5	15.8 N	939	118P	2009 10 21.34836	05 57 35.93	+10 52 41.4	15.5 N	H47
118P	2009 10 11.11164	05 47 38.97	+11 40 33.0	15.9 N	939	118P	2009 10 21.35288	05 57 36.17	+10 52 40.1	15.4 N	H47
118P	2009 10 11.12068	05 47 39.61	+11 40 31.2	15.9 N	939	118P	2009 10 21.35690	05 57 36.37	+10 52 38.7	15.2 N	H47
118P	2009 10 12.00435	05 48 37.08	+11 36 33.9	17.2 T	071	118P	2009 10 24.38685	06 00 02.40	+10 37 56.8	16.1 N	H45
						118P	2009 10 24.38925	06 00 02.50	+10 37 56.1	16.2 N	H45

118P	2009 10 24.39160	06 00 02.60	+10 37 55.5	16.2 N	H45
118P	2009 10 24.39440	06 00 02.74	+10 37 54.7	16.1 N	H45
118P	2009 10 24.39626	06 00 02.81	+10 37 54.1	16.2 N	H45
118P	2009 10 25.05017	06 00 32.44	+10 34 42.5	15.6 N	939
118P	2009 10 25.05620	06 00 32.71	+10 34 40.8	15.6 N	939
118P	2009 10 25.06226	06 00 32.98	+10 34 39.1	15.6 N	939
118P	2009 10 25.06700	06 00 33.19	+10 34 37.6	15.6 N	232
118P	2009 10 25.07299	06 00 33.45	+10 34 35.8	15.7 N	232
118P	2009 10 25.07898	06 00 33.71	+10 34 33.9	15.6 N	232
118P	2009 10 25.10388	06 00 34.92	+10 34 28.1	15.8 N	J51
118P	2009 10 25.10941	06 00 35.15	+10 34 26.5	15.9 N	J51
118P	2009 10 25.11494	06 00 35.38	+10 34 24.9	16.2 N	J51
118P	2009 10 25.15496	06 00 36.92	+10 34 11.1	16.3 N	160
118P	2009 10 25.15647	06 00 36.98	+10 34 10.8	16.2 N	160
118P	2009 10 25.15765	06 00 37.03	+10 34 10.7	16.3 N	160
118P	2009 10 25.41329	06 00 48.34	+10 32 57.8	15.8 N	H47
118P	2009 10 25.42208	06 00 48.71	+10 32 55.0	15.7 N	H47
118P	2009 10 25.43815	06 00 49.39	+10 32 50.4	15.6 N	H47
118P	2009 10 26.09514	06 01 18.24	+10 29 37.1	15.5 N	945
118P	2009 10 26.10044	06 01 18.46	+10 29 35.5	15.5 N	945
118P	2009 10 26.10297	06 01 18.54	+10 29 34.8	15.6 N	945
118P	2009 10 26.10925	06 01 18.83	+10 29 32.9	15.6 N	945
118P	2009 10 27.09050	06 02 00.13	+10 24 46.1	15.5 N	945
118P	2009 10 27.09385	06 02 00.27	+10 24 45.2	15.5 N	945
118P	2009 10 27.09995	06 02 00.50	+10 24 43.3	15.5 N	945
118P	2009 10 27.10407	06 02 00.68	+10 24 42.6	15.5 N	945
118P	2009 10 27.10698	06 02 00.76	+10 24 41.5	15.5 N	945
118P	2009 10 27.36067	06 02 11.15	+10 23 29.9	17.0 T	704
118P	2009 10 27.37438	06 02 11.76	+10 23 26.0	16.9 T	704
118P	2009 10 27.38804	06 02 12.25	+10 23 22.2	17.3 T	704
118P	2009 10 27.40161	06 02 12.87	+10 23 17.0	17.5 T	704
118P	2009 10 27.41519	06 02 13.34	+10 23 12.3	16.2 T	704
118P	2009 10 28.41711	06 02 53.12	+10 18 21.6	15.3 N	H47
118P	2009 10 28.42197	06 02 53.30	+10 18 20.1	15.2 N	H47
118P	2009 10 28.42685	06 02 53.50	+10 18 18.7	15.4 N	H47
118P	2009 10 29.16076	06 03 21.61	+10 14 43.7	15.7 T	215
118P	2009 10 29.16146	06 03 21.63	+10 14 43.3	15.6 T	215
118P	2009 10 29.16217	06 03 21.66	+10 14 43.2	15.6 T	215
118P	2009 10 30.69901	06 04 17.73	+10 07 19.9		900
118P	2009 10 30.70614	06 04 17.97	+10 07 17.8	15.3 N	900
126P/IRAS					
126P	2009 10 03.05289	16 57 40.01	-64 50 36.1	17.4 T	I36
126P	2009 10 03.06130	16 57 42.01	-64 50 29.9	17.5 T	I36
126P	2009 10 03.07018	16 57 44.00	-64 50 22.9	17.4 T	I36
126P	2009 10 04.02432	17 01 20.60	-64 38 03.3	17.0 T	I36
126P	2009 10 04.03135	17 01 22.12	-64 37 57.8	17.5 T	I36
126P	2009 10 04.03894	17 01 24.00	-64 37 51.3	17.0 T	I36
126P	2009 10 08.56947	17 18 26.53	-63 36 32.2		D25
126P	2009 10 12.00623	17 31 14.63	-62 46 59.1	17.4 N	I31
126P	2009 10 12.11408	17 31 38.50	-62 45 21.5	17.1 N	I19
126P	2009 10 12.11618	17 31 38.98	-62 45 20.1	16.9 N	I19
126P	2009 10 12.11764	17 31 39.24	-62 45 17.8	17.1 N	I19

126P	2009 10 18.00415	17 53 13.23	-61 13 56.5	17.3 T	I36
126P	2009 10 18.00695	17 53 13.93	-61 13 53.6	17.1 T	I36
126P	2009 10 18.00947	17 53 14.43	-61 13 51.4	17.3 T	I36
126P	2009 10 22.09361	18 07 53.86	-60 05 38.6	17.9 N	I10
126P	2009 10 22.09727	18 07 54.71	-60 05 35.6	17.5 N	I10
126P	2009 10 22.10463	18 07 56.08	-60 05 27.4	17.6 N	I10
127P/Holt-Olmstead					
127P	2009 09 23.30493	01 11 18.55	+05 57 07.1	18.0 N	H10
127P	2009 09 23.31471	01 11 18.04	+05 57 09.8	18.2 N	H10
127P	2009 09 23.32162	01 11 17.69	+05 57 11.9	18.0 N	H10
127P	2009 09 23.32854	01 11 17.33	+05 57 13.8	18.3 N	H10
127P	2009 09 25.23536	01 09 42.91	+06 06 24.9	17.9 N	H10
127P	2009 09 25.24336	01 09 42.48	+06 06 27.1	17.7 N	H10
127P	2009 09 26.98671	01 08 12.32	+06 14 41.1	16.5 N	A71
127P	2009 09 26.99023	01 08 12.14	+06 14 42.1	16.5 N	A71
127P	2009 09 26.99376	01 08 11.95	+06 14 43.2	16.5 N	A71
127P	2009 10 02.97889	01 02 43.08	+06 42 15.4	16.9 N	J24
127P	2009 10 02.98329	01 02 42.88	+06 42 16.3	17.1 N	J24
127P	2009 10 02.99100	01 02 42.41	+06 42 18.5	17.0 N	J24
127P	2009 10 08.84692	00 57 02.73	+07 08 02.7	16.2 N	585
127P	2009 10 08.85488	00 57 02.21	+07 08 04.3	16.4 N	585
127P	2009 10 08.85928	00 57 01.98	+07 08 05.7	16.3 N	585
127P	2009 10 08.86368	00 57 01.63	+07 08 07.3	16.5 N	585
127P	2009 10 08.87806	00 57 00.81	+07 08 11.1	16.8 N	585
127P	2009 10 08.93331	00 56 57.55	+07 08 25.2	16.0 T	J75
127P	2009 10 08.94634	00 56 56.78	+07 08 28.2	15.9 T	J75
127P	2009 10 08.95626	00 56 56.18	+07 08 31.9	16.6 N	939
127P	2009 10 08.95940	00 56 56.03	+07 08 32.2	16.1 T	J75
127P	2009 10 08.96841	00 56 55.42	+07 08 34.9	16.6 N	939
127P	2009 10 08.97492	00 56 55.03	+07 08 36.5	16.6 N	939
127P	2009 10 09.02311	00 56 52.13	+07 08 50.0	17.0 N	J40
127P	2009 10 09.03195	00 56 51.64	+07 08 52.2	16.8 N	J40
127P	2009 10 09.03560	00 56 51.39	+07 08 53.3	17.0 N	J40
127P	2009 10 10.54212	00 55 23.40	+07 15 22.1		900
127P	2009 10 10.54925	00 55 22.97	+07 15 24.1	16.9 T	900
127P	2009 10 11.07964	00 54 51.56	+07 17 39.7	16.8 N	939
127P	2009 10 11.08940	00 54 50.98	+07 17 41.9	16.8 N	939
127P	2009 10 11.09588	00 54 50.60	+07 17 43.6	16.9 N	939
127P	2009 10 11.45617	00 54 29.90	+07 19 25.7	17.3 N	467
127P	2009 10 11.45868	00 54 29.74	+07 19 26.5	17.4 N	467
127P	2009 10 11.46118	00 54 29.60	+07 19 27.1	17.4 N	467
127P	2009 10 11.85029	00 54 07.07	+07 20 57.2	17.2 N	B70
127P	2009 10 11.86177	00 54 06.36	+07 21 00.1	17.1 N	B70
127P	2009 10 11.87086	00 54 05.81	+07 21 02.4	16.8 N	B70
127P	2009 10 11.90966	00 54 03.50	+07 21 12.5	16.7 N	939
127P	2009 10 11.91943	00 54 02.90	+07 21 14.7	16.8 N	939
127P	2009 10 11.92594	00 54 02.48	+07 21 16.2	16.8 N	939
127P	2009 10 11.93327	00 54 02.11	+07 21 19.1	17.0 N	J28
127P	2009 10 11.94561	00 54 01.35	+07 21 22.4	17.4 N	J28
127P	2009 10 11.97373	00 53 59.60	+07 21 28.7	16.7 N	232
127P	2009 10 11.97626	00 53 59.45	+07 21 29.5	16.9 N	232
127P	2009 10 11.97934	00 53 59.27	+07 21 30.5	16.9 N	232

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127P	2009 10 11.98703	00 53 58.79	+07 21 33.1	16.8 N	J53	127P	2009 10 17.93972	00 48 19.26	+07 46 44.4	17.1 N	232
127P	2009 10 11.99346	00 53 58.39	+07 21 34.6	16.8 N	J53	127P	2009 10 17.93992	00 48 19.32	+07 46 43.8	17.0 N	J38
127P	2009 10 11.99561	00 53 58.26	+07 21 35.2	16.8 N	J53	127P	2009 10 17.94057	00 48 19.31	+07 46 44.6	17.0 N	212
127P	2009 10 12.06157	00 53 54.27	+07 21 51.4	17.1 N	J49	127P	2009 10 17.94344	00 48 19.12	+07 46 45.9	17.0 N	212
127P	2009 10 12.06384	00 53 54.12	+07 21 52.2	16.8 N	J49	127P	2009 10 17.94480	00 48 18.99	+07 46 45.3	17.0 N	232
127P	2009 10 12.06607	00 53 53.99	+07 21 52.8	16.6 N	J49	127P	2009 10 17.94775	00 48 18.79	+07 46 45.7	17.1 N	212
127P	2009 10 12.86318	00 53 08.14	+07 25 14.9	17.8 T	B33	127P	2009 10 18.01288	00 48 15.03	+07 47 02.2	16.8 N	945
127P	2009 10 12.88375	00 53 06.93	+07 25 20.5	17.6 T	B33	127P	2009 10 18.01560	00 48 14.89	+07 47 03.0	16.8 N	945
127P	2009 10 12.90685	00 53 05.52	+07 25 26.5	17.7 T	B33	127P	2009 10 18.02016	00 48 14.58	+07 47 04.7	16.8 N	945
127P	2009 10 13.98978	00 52 02.65	+07 30 03.1	16.7 N	945	127P	2009 10 18.02315	00 48 14.44	+07 47 05.8	16.8 N	945
127P	2009 10 13.99332	00 52 02.48	+07 30 03.9	16.7 N	945	127P	2009 10 18.03118	00 48 13.98	+07 47 07.4	16.8 N	945
127P	2009 10 13.99468	00 52 02.31	+07 30 03.5	17.4 N	160	127P	2009 10 18.03300	00 48 13.93	+07 47 07.6	17.0 N	939
127P	2009 10 13.99696	00 52 02.24	+07 30 05.3	16.6 N	945	127P	2009 10 18.03977	00 48 13.52	+07 47 09.1	17.0 N	939
127P	2009 10 13.99889	00 52 02.07	+07 30 05.1	17.5 N	160	127P	2009 10 18.04656	00 48 13.12	+07 47 10.7	17.0 N	939
127P	2009 10 14.00006	00 52 02.06	+07 30 05.9	16.7 N	945	127P	2009 10 18.63027	00 47 41.09	+07 49 39.7	16.2 T	349
127P	2009 10 14.00051	00 52 02.03	+07 30 05.7	17.6 N	160	127P	2009 10 18.63476	00 47 40.84	+07 49 40.7		349
127P	2009 10 14.00631	00 52 01.57	+07 30 06.6	16.8 N	945	127P	2009 10 18.63920	00 47 40.58	+07 49 41.9		349
127P	2009 10 14.28246	00 51 45.78	+07 31 18.3	18.3 T	704	127P	2009 10 18.91351	00 47 25.77	+07 50 50.3	17.0 N	B75
127P	2009 10 14.29549	00 51 45.01	+07 31 21.6	18.3 T	704	127P	2009 10 19.26351	00 47 06.61	+07 52 20.2	17.3 N	H45
127P	2009 10 14.30854	00 51 44.17	+07 31 24.5	18.4 T	704	127P	2009 10 19.26741	00 47 06.37	+07 52 21.1	17.3 N	H45
127P	2009 10 14.32162	00 51 43.35	+07 31 27.0	18.5 T	704	127P	2009 10 19.27843	00 47 05.77	+07 52 23.8	17.3 N	H45
127P	2009 10 14.33467	00 51 42.66	+07 31 31.8	18.3 T	704	127P	2009 10 19.28069	00 47 05.63	+07 52 24.5	17.2 N	H45
127P	2009 10 14.91410	00 51 09.74	+07 33 58.2	16.8 N	J53	127P	2009 10 19.28264	00 47 05.52	+07 52 24.9	17.3 N	H45
127P	2009 10 14.91839	00 51 09.47	+07 33 59.3	16.8 N	J53	127P	2009 10 19.28440	00 47 05.45	+07 52 25.5	17.3 N	H45
127P	2009 10 14.92054	00 51 09.35	+07 33 59.9	16.7 N	J53	127P	2009 10 19.81733	00 46 37.04	+07 54 39.3	17.4 T	215
127P	2009 10 15.05742	00 51 01.19	+07 34 33.6	16.6 N	945	127P	2009 10 19.81803	00 46 37.01	+07 54 39.5	17.5 T	215
127P	2009 10 15.06412	00 51 00.79	+07 34 35.3	16.6 N	945	127P	2009 10 19.81874	00 46 36.96	+07 54 39.8	17.4 T	215
127P	2009 10 15.06872	00 51 00.57	+07 34 37.1	16.6 N	945	127P	2009 10 20.93243	00 45 37.58	+07 59 23.4	17.1 N	J38
127P	2009 10 15.07280	00 51 00.32	+07 34 37.8	16.7 N	945	127P	2009 10 20.94042	00 45 37.14	+07 59 25.3	17.1 N	J38
127P	2009 10 15.07690	00 51 00.14	+07 34 37.8	16.7 N	945	127P	2009 10 20.94575	00 45 36.86	+07 59 26.5	17.0 N	J38
127P	2009 10 15.21895	00 50 52.34	+07 35 16.0	17.9 T	704	127P	2009 10 22.92002	00 43 54.88	+08 07 50.1	16.9 N	585
127P	2009 10 15.23193	00 50 51.56	+07 35 20.1	18.4 T	704	127P	2009 10 22.92156	00 43 54.73	+08 07 50.3	17.0 N	585
127P	2009 10 15.24493	00 50 50.77	+07 35 21.7	18.1 T	704	127P	2009 10 22.92233	00 43 54.73	+08 07 51.0	16.9 N	585
127P	2009 10 15.25797	00 50 49.99	+07 35 25.6	17.9 T	704	127P	2009 10 22.92387	00 43 54.62	+08 07 50.9	17.1 N	585
127P	2009 10 15.27099	00 50 49.19	+07 35 30.2	18.0 T	704	127P	2009 10 22.92464	00 43 54.61	+08 07 51.8	17.0 N	585
127P	2009 10 15.94292	00 50 11.18	+07 38 18.5	17.0 N	J38	127P	2009 10 22.92542	00 43 54.53	+08 07 51.3	17.1 N	585
127P	2009 10 15.94793	00 50 10.86	+07 38 19.7	16.9 N	J38	127P	2009 10 22.92620	00 43 54.45	+08 07 51.4	17.0 N	585
127P	2009 10 15.95044	00 50 10.71	+07 38 20.0	17.0 N	J38	127P	2009 10 22.92699	00 43 54.40	+08 07 50.9	17.2 N	585
127P	2009 10 16.91742	00 49 16.21	+07 42 25.4		204	127P	2009 10 22.92775	00 43 54.42	+08 07 51.6	17.1 N	585
127P	2009 10 16.92213	00 49 15.99	+07 42 27.3	16.8 N	J53	127P	2009 10 22.95312	00 43 53.34	+08 08 00.8	17.2 N	J51
127P	2009 10 16.92857	00 49 15.58	+07 42 28.6	16.8 N	J53	127P	2009 10 22.95956	00 43 53.01	+08 08 02.7	17.0 N	J51
127P	2009 10 16.93071	00 49 15.46	+07 42 29.6	16.9 N	J53	127P	2009 10 22.96600	00 43 52.68	+08 08 04.5	17.0 N	J51
127P	2009 10 16.96312	00 49 13.63	+07 42 37.8	16.7 N	B99	127P	2009 10 23.21191	00 43 40.31	+08 09 06.8	18.1 T	704
127P	2009 10 16.97010	00 49 13.16	+07 42 38.7	16.9 N	B99	127P	2009 10 23.22521	00 43 39.61	+08 09 10.3	18.2 T	704
127P	2009 10 16.97708	00 49 12.77	+07 42 40.3	16.7 N	B99	127P	2009 10 23.23856	00 43 38.85	+08 09 13.0	18.1 T	704
127P	2009 10 16.97817	00 49 12.65	+07 42 40.3	16.9 N	B74	127P	2009 10 23.25196	00 43 38.17	+08 09 16.9	18.2 T	704
127P	2009 10 16.98240	00 49 12.45	+07 42 41.7	17.0 N	B74	127P	2009 10 23.26540	00 43 37.43	+08 09 20.3	18.3 T	704
127P	2009 10 16.98406	00 49 12.44	+07 42 41.4	16.7 N	B99	127P	2009 10 23.96969	00 43 02.60	+08 12 21.3	17.0 N	J51
127P	2009 10 16.98662	00 49 12.17	+07 42 43.6	16.8 N	B74	127P	2009 10 23.97544	00 43 02.29	+08 12 22.6	17.1 N	J51
127P	2009 10 17.03432	00 49 09.41	+07 42 54.6	17.0 N	204	127P	2009 10 23.98120	00 43 01.98	+08 12 24.1	17.3 N	J51
127P	2009 10 17.92614	00 48 20.10	+07 46 40.5	17.0 N	J38	127P	2009 10 24.83462	00 42 20.14	+08 15 55.2	15.7 N	473
127P	2009 10 17.93205	00 48 19.69	+07 46 42.2	17.1 N	232	127P	2009 10 24.90417	00 42 17.10	+08 16 21.3	18.3 N	J02
127P	2009 10 17.93742	00 48 19.45	+07 46 43.2	17.0 N	J38	127P	2009 10 24.94110	00 42 15.16	+08 16 30.6	17.4 N	160

127P	2009 10 24.94178	00 42 15.35	+08 16 32.2	17.4 N	J51	137P	2009 10 10.14586	06 39 36.35	+21 03 19.0	18.5 N	A79
127P	2009 10 24.94377	00 42 15.04	+08 16 31.2	17.7 N	160	137P	2009 10 10.15075	06 39 36.62	+21 03 18.1	18.5 N	A79
127P	2009 10 24.94646	00 42 14.93	+08 16 30.8	17.8 N	160	145P/Shoemaker-Levy					
127P	2009 10 24.94916	00 42 14.97	+08 16 34.0	17.5 N	J51	145P	2009 09 16.48492	08 34 48.03	+28 06 17.9	18.2 T	703
127P	2009 10 24.95654	00 42 14.59	+08 16 35.6	17.3 N	J51	145P	2009 09 16.48782	08 34 48.28	+28 06 18.0	17.7 T	703
127P	2009 10 24.97001	00 42 13.76	+08 16 38.2	17.1 N	939	145P	2009 09 16.49077	08 34 48.57	+28 06 17.8	18.2 T	703
127P	2009 10 24.97745	00 42 13.40	+08 16 40.0	17.1 N	939	145P	2009 09 16.49360	08 34 48.75	+28 06 17.0	18.6 T	703
127P	2009 10 24.98490	00 42 13.04	+08 16 41.7	17.1 N	939	145P	2009 09 30.11890	08 58 15.66	+27 16 55.7		204
127P	2009 10 24.99022	00 42 12.70	+08 16 44.0	17.0 N	J53	145P	2009 09 30.12533	08 58 16.27	+27 16 54.8	18.3 N	204
127P	2009 10 24.99509	00 42 12.48	+08 16 45.1	17.1 N	J53	145P	2009 09 30.16755	08 58 20.37	+27 16 45.8		204
127P	2009 10 24.99995	00 42 12.24	+08 16 46.3	17.0 N	J53	145P	2009 10 16.46536	09 22 43.65	+26 23 59.0	16.8 T	H06
127P	2009 10 25.80942	00 41 34.19	+08 20 14.2	16.8 N	A71	145P	2009 10 16.47187	09 22 44.17	+26 23 57.6		H06
127P	2009 10 25.81101	00 41 34.12	+08 20 14.7	17.1 N	A71	145P	2009 10 18.46769	09 25 25.71	+26 18 24.0	18.8 T	703
127P	2009 10 25.85568	00 41 31.90	+08 20 26.5	17.0 N	235	145P	2009 10 18.47562	09 25 26.43	+26 18 22.0	18.5 T	703
127P	2009 10 25.87292	00 41 31.16	+08 20 31.7	17.2 N	J01	145P	2009 10 18.48348	09 25 26.97	+26 18 21.3	18.5 T	703
127P	2009 10 25.88748	00 41 30.47	+08 20 35.1	17.1 N	J01	145P	2009 10 18.49137	09 25 27.69	+26 18 20.8	18.2 T	703
127P	2009 10 25.89833	00 41 29.92	+08 20 38.0	17.1 N	J38	157P/Tritton					
127P	2009 10 25.90203	00 41 29.73	+08 20 39.5	17.1 N	J01	157P	2009 09 26.96848	23 54 46.56	+13 14 51.2	16.6 N	A71
127P	2009 10 25.90724	00 41 29.48	+08 20 40.3	17.2 N	J38	157P	2009 09 26.97734	23 54 45.91	+13 14 50.3	17.3 N	A71
127P	2009 10 25.91022	00 41 29.33	+08 20 40.8	16.9 N	J38	157P	2009 09 28.26559	23 53 20.94	+13 11 41.8	17.3 T	703
127P	2009 10 25.91639	00 41 28.95	+08 20 43.9	17.6 N	160	157P	2009 09 28.27111	23 53 20.58	+13 11 41.4	17.4 T	703
127P	2009 10 25.91922	00 41 28.79	+08 20 43.8	17.3 N	160	157P	2009 09 28.27661	23 53 20.18	+13 11 40.4	17.3 T	703
127P	2009 10 25.92194	00 41 28.66	+08 20 44.6	17.4 N	160	157P	2009 09 28.28205	23 53 19.82	+13 11 39.8	17.4 T	703
127P	2009 10 25.99113	00 41 25.28	+08 21 02.6	17.2 N	945	157P	2009 09 28.88103	23 52 40.11	+13 10 03.3	17.4 N	585
127P	2009 10 26.00282	00 41 24.78	+08 21 06.0	17.0 N	945	157P	2009 09 28.88590	23 52 39.83	+13 10 01.5	17.7 N	585
127P	2009 10 26.00975	00 41 24.41	+08 21 08.0	17.1 N	945	157P	2009 09 28.88883	23 52 39.82	+13 10 01.5	17.5 N	585
127P	2009 10 26.02029	00 41 23.92	+08 21 10.0	17.0 N	945	157P	2009 09 28.90122	23 52 38.68	+13 10 00.0	17.5 N	585
127P	2009 10 26.02507	00 41 23.67	+08 21 11.5	17.0 N	945	157P	2009 09 28.90554	23 52 38.47	+13 09 59.4	17.7 N	585
127P	2009 10 26.78729	00 40 49.01	+08 24 30.8	17.3 N	J97	157P	2009 09 28.90700	23 52 38.32	+13 09 59.2	17.7 N	585
127P	2009 10 26.79979	00 40 48.39	+08 24 32.9	17.3 N	J97	157P	2009 09 30.89118	23 50 26.32	+13 04 14.5	18.3 N	J47
127P	2009 10 26.84934	00 40 46.00	+08 24 46.3	17.6 N	160	157P	2009 09 30.90239	23 50 25.53	+13 04 11.9	17.7 N	J47
127P	2009 10 26.85066	00 40 45.94	+08 24 46.7	17.7 N	160	157P	2009 09 30.92377	23 50 24.05	+13 04 08.3	18.2 N	J47
127P	2009 10 26.85196	00 40 45.89	+08 24 46.8	17.8 N	160	157P	2009 10 06.81141	23 43 51.66	+12 42 33.2	18.6 N	213
127P	2009 10 26.89206	00 40 44.03	+08 24 57.8	18.0 N	B81	157P	2009 10 06.81309	23 43 51.55	+12 42 32.7	18.6 N	213
127P	2009 10 26.93502	00 40 42.03	+08 25 08.6	17.2 N	J38	157P	2009 10 06.81478	23 43 51.43	+12 42 32.3	18.7 N	213
127P	2009 10 26.93803	00 40 41.89	+08 25 09.3	17.1 N	J38	157P	2009 10 08.80833	23 41 41.20	+12 33 54.7	17.5 T	A77
127P	2009 10 26.94707	00 40 41.47	+08 25 11.5	17.1 N	J38	157P	2009 10 08.81922	23 41 40.52	+12 33 51.8	17.9 N	A77
127P	2009 10 27.06221	00 40 35.92	+08 25 42.3	17.1 N	945	157P	2009 10 08.82699	23 41 40.06	+12 33 49.4	17.8 N	A77
127P	2009 10 27.06900	00 40 35.66	+08 25 43.9	17.1 N	945	157P	2009 10 08.82854	23 41 39.90	+12 33 49.0	17.4 T	A77
127P	2009 10 27.07435	00 40 35.28	+08 25 45.1	17.1 N	945	157P	2009 10 08.93830	23 41 32.53	+12 33 20.3	17.7 N	939
127P	2009 10 27.07734	00 40 35.22	+08 25 46.8	17.0 N	945	157P	2009 10 08.94434	23 41 32.15	+12 33 17.9	17.6 N	939
127P	2009 10 28.74677	00 39 22.30	+08 33 05.4	17.5 N	A79	157P	2009 10 08.95038	23 41 31.76	+12 33 16.0	17.6 N	939
127P	2009 10 28.75098	00 39 22.16	+08 33 06.4	17.5 N	A79	157P	2009 10 09.84013	23 40 34.78	+12 29 14.5	17.3 T	442
127P	2009 10 28.75497	00 39 21.93	+08 33 07.3	17.6 N	A79	157P	2009 10 09.84262	23 40 34.56	+12 29 13.6	17.3 T	442
127P	2009 10 29.94278	00 38 32.13	+08 38 22.0	17.2 N	J38	157P	2009 10 09.90959	23 40 30.35	+12 28 56.6	17.5 N	J47
127P	2009 10 29.94603	00 38 31.97	+08 38 22.8	17.3 N	J38	157P	2009 10 09.91928	23 40 29.68	+12 28 54.3	17.6 N	J47
127P	2009 10 29.95251	00 38 31.69	+08 38 24.5	17.5 N	J38	157P	2009 10 09.92006	23 40 29.65	+12 28 54.0	17.2 N	J47
128P/Shoemaker-Holt						157P	2009 10 09.93058	23 40 28.92	+12 28 51.6	17.5 N	J47
128P	2006 09 28.01455	01 02 04.35	+08 57 21.3	18.7 T	B05	157P	2009 10 10.30838	23 40 04.42	+12 27 05.1	17.9 N	H10
137P/Shoemaker-Levy						157P	2009 10 10.31450	23 40 04.23	+12 27 02.2	18.2 N	H10
137P	2009 09 30.10635	06 29 55.21	+21 35 13.5		204	157P	2009 10 10.32065	23 40 03.82	+12 27 01.8	18.2 N	H10
137P	2009 09 30.11192	06 29 55.55	+21 35 12.6	18.9 N	204	157P	2009 10 10.78872	23 39 34.71	+12 24 48.6	16.6 T	J75

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157P	2009 10 10.80109	23 39 33.92	+12 24 43.8	16.5 T	J75	157P	2009 10 16.24174	23 34 05.99	+11 57 30.8	18.9 T	704
157P	2009 10 10.81346	23 39 33.11	+12 24 41.0	16.7 T	J75	157P	2009 10 16.25491	23 34 05.20	+11 57 26.6	18.9 T	704
157P	2009 10 11.05858	23 39 17.03	+12 23 32.5	17.6 N	939	157P	2009 10 16.26809	23 34 04.45	+11 57 22.7	19.0 T	704
157P	2009 10 11.06461	23 39 16.61	+12 23 29.9	17.6 N	939	157P	2009 10 16.85145	23 33 32.04	+11 54 18.1	16.9 N	J35
157P	2009 10 11.07065	23 39 16.21	+12 23 27.2	17.6 N	939	157P	2009 10 16.85456	23 33 31.86	+11 54 17.2	18.1 N	J35
157P	2009 10 11.57052	23 38 45.16	+12 21 04.4		900	157P	2009 10 16.86182	23 33 31.44	+11 54 14.3	18.2 N	J35
157P	2009 10 11.57266	23 38 45.00	+12 21 05.2	17.8 N	900	157P	2009 10 16.92848	23 33 26.87	+11 53 44.5	17.5 N	213
157P	2009 10 11.81111	23 38 30.51	+12 19 54.7	17.8 N	B49	157P	2009 10 16.93652	23 33 27.00	+11 53 50.1	17.8 N	213
157P	2009 10 11.82033	23 38 29.90	+12 19 51.4	17.4 N	B49	157P	2009 10 16.94456	23 33 26.13	+11 53 40.9	17.7 N	213
157P	2009 10 11.82955	23 38 29.35	+12 19 49.3	17.6 N	B49	157P	2009 10 16.95838	23 33 25.81	+11 53 45.3	18.5 N	J47
157P	2009 10 11.84287	23 38 28.77	+12 19 44.0	17.0 N	J76	157P	2009 10 16.96632	23 33 25.41	+11 53 42.3	17.4 N	J47
157P	2009 10 11.85613	23 38 27.66	+12 19 42.0	16.9 N	J76	157P	2009 10 17.04663	23 33 20.70	+11 53 13.8	18.9 N	987
157P	2009 10 11.87072	23 38 26.66	+12 19 39.1	17.1 N	J76	157P	2009 10 17.04766	23 33 20.65	+11 53 13.0	17.2 N	B99
157P	2009 10 11.87274	23 38 26.53	+12 19 36.5	17.5 N	939	157P	2009 10 17.04878	23 33 20.57	+11 53 13.3	18.6 N	987
157P	2009 10 11.87896	23 38 26.17	+12 19 35.2	17.5 N	939	157P	2009 10 17.05111	23 33 20.40	+11 53 12.9	18.3 N	987
157P	2009 10 11.88506	23 38 25.81	+12 19 36.0	17.3 N	J76	157P	2009 10 17.82145	23 32 38.42	+11 49 05.9	16.9 N	B96
157P	2009 10 11.88825	23 38 25.56	+12 19 33.8	17.5 N	939	157P	2009 10 17.82991	23 32 38.27	+11 49 04.0	17.9 N	B96
157P	2009 10 11.96877	23 38 20.43	+12 19 11.3	17.6 N	J47	157P	2009 10 17.84050	23 32 37.48	+11 49 01.7	18.1 N	B96
157P	2009 10 11.98255	23 38 19.55	+12 19 06.8	17.7 N	J47	157P	2009 10 17.85109	23 32 37.17	+11 48 55.8	17.8 N	B96
157P	2009 10 11.99473	23 38 18.75	+12 19 04.0	17.8 N	J47	157P	2009 10 17.91638	23 32 33.18	+11 48 37.7	17.7 N	204
157P	2009 10 12.00130	23 38 18.19	+12 19 00.3	17.4 N	J53	157P	2009 10 17.93180	23 32 32.35	+11 48 35.3	17.9 N	212
157P	2009 10 12.00525	23 38 17.93	+12 18 58.9	17.5 N	J53	157P	2009 10 17.99831	23 32 28.54	+11 48 11.5		204
157P	2009 10 12.01122	23 38 17.59	+12 18 57.0	17.5 N	J53	157P	2009 10 18.00453	23 32 28.24	+11 48 09.6	17.6 N	J38
157P	2009 10 12.93784	23 37 20.76	+12 14 22.8	17.4 N	B74	157P	2009 10 18.00703	23 32 28.14	+11 48 09.0	17.6 N	J38
157P	2009 10 12.94112	23 37 20.50	+12 14 20.9	17.9 N	B74	157P	2009 10 18.01171	23 32 27.83	+11 48 07.7	17.6 N	939
157P	2009 10 12.94636	23 37 20.17	+12 14 19.1	17.5 N	B74	157P	2009 10 18.01702	23 32 27.55	+11 48 05.7	17.6 N	J38
157P	2009 10 13.87153	23 36 24.04	+12 09 41.2	17.5 N	B83	157P	2009 10 18.01850	23 32 27.45	+11 48 05.5	17.5 N	939
157P	2009 10 13.92986	23 36 20.90	+12 09 22.8	17.5 N	B83	157P	2009 10 18.02528	23 32 27.06	+11 48 03.5	17.6 N	939
157P	2009 10 13.95399	23 36 19.34	+12 09 17.2	18.1 N	160	157P	2009 10 18.05689	23 32 25.26	+11 47 52.7	17.3 N	B99
157P	2009 10 13.95610	23 36 19.27	+12 09 16.8	17.6 N	160	157P	2009 10 18.05906	23 32 25.11	+11 47 52.8	17.5 N	B99
157P	2009 10 13.95822	23 36 19.07	+12 09 15.5		160	157P	2009 10 18.06124	23 32 24.89	+11 47 53.4	17.6 N	B99
157P	2009 10 14.86622	23 35 25.72	+12 04 39.9	17.5 N	J47	157P	2009 10 18.06995	23 32 24.55	+11 47 48.7	17.5 N	B99
157P	2009 10 14.88183	23 35 24.79	+12 04 35.2	18.2 N	J47	157P	2009 10 18.07213	23 32 24.34	+11 47 46.8	17.6 N	B99
157P	2009 10 14.89308	23 35 24.09	+12 04 31.8	17.6 N	J47	157P	2009 10 18.07648	23 32 24.12	+11 47 44.0	17.3 N	B99
157P	2009 10 14.89678	23 35 23.73	+12 04 28.9	17.5 N	J53	157P	2009 10 18.84150	23 31 44.20	+11 43 40.0	18.3 N	B49
157P	2009 10 14.90321	23 35 23.34	+12 04 27.1	17.7 N	J53	157P	2009 10 18.84729	23 31 43.84	+11 43 38.3	18.1 N	B49
157P	2009 10 14.90536	23 35 23.20	+12 04 26.3	17.6 N	J53	157P	2009 10 18.85350	23 31 43.59	+11 43 31.1	17.2 N	B49
157P	2009 10 15.21321	23 35 05.35	+12 02 50.5	17.0 T	703	157P	2009 10 18.88694	23 31 41.48	+11 43 27.3	17.5 N	B75
157P	2009 10 15.21927	23 35 04.88	+12 02 48.4	17.1 T	703	157P	2009 10 19.85969	23 30 51.25	+11 38 13.5	17.8 N	B75
157P	2009 10 15.22532	23 35 04.66	+12 02 46.8	17.0 T	703	157P	2009 10 20.54950	23 30 16.51	+11 34 29.2	17.1 T	900
157P	2009 10 15.23131	23 35 04.20	+12 02 45.4	17.1 T	703	157P	2009 10 20.55664	23 30 16.15	+11 34 27.1		900
157P	2009 10 15.83978	23 34 29.29	+11 59 34.7	17.6 N	J01	157P	2009 10 20.91119	23 29 58.72	+11 32 31.5	18.3 T	A21
157P	2009 10 15.84961	23 34 28.49	+11 59 30.8	17.6 N	585	157P	2009 10 20.91999	23 29 58.22	+11 32 27.9	18.4 T	A21
157P	2009 10 15.85358	23 34 28.24	+11 59 30.7	17.6 N	585	157P	2009 10 20.92878	23 29 57.76	+11 32 25.3	18.0 T	A21
157P	2009 10 15.85505	23 34 28.19	+11 59 30.0	17.7 N	585	157P	2009 10 22.84866	23 28 27.69	+11 22 05.2	17.4 N	J02
157P	2009 10 15.86698	23 34 27.70	+11 59 26.5	17.5 N	J01	157P	2009 10 24.19999	23 27 28.54	+11 14 48.0	17.0 T	703
157P	2009 10 15.89505	23 34 26.00	+11 59 18.4	17.4 N	J01	157P	2009 10 24.20725	23 27 28.29	+11 14 45.7	16.9 T	703
157P	2009 10 15.90602	23 34 25.08	+11 59 13.9	17.2 N	585	157P	2009 10 24.21466	23 27 28.00	+11 14 42.8	16.9 T	703
157P	2009 10 15.92209	23 34 24.38	+11 59 09.6	17.6 N	J38	157P	2009 10 24.22208	23 27 27.64	+11 14 41.0	16.9 T	703
157P	2009 10 15.92710	23 34 24.08	+11 59 07.7	17.7 N	J38	157P	2009 10 24.85942	23 27 01.07	+11 11 15.2	18.3 N	160
157P	2009 10 15.93212	23 34 23.78	+11 59 06.1	17.6 N	J38	157P	2009 10 24.86156	23 27 01.02	+11 11 15.1	18.1 N	160
157P	2009 10 16.21545	23 34 07.61	+11 57 39.1	18.5 T	704	157P	2009 10 24.86383	23 27 00.90	+11 11 14.3	17.6 N	160
157P	2009 10 16.22858	23 34 06.84	+11 57 35.2	19.2 T	704	157P	2009 10 24.87643	23 27 00.42	+11 11 10.9	17.5 N	J02

157P	2009 10 24.94527	23 26 57.48	+11 10 48.2	17.6 N	939	203P	2009 10 16.99153	05 02 12.47	+25 35 57.5	17.2 N	B70
157P	2009 10 24.95384	23 26 57.11	+11 10 45.3	17.6 N	939	203P	2009 10 17.00033	05 02 12.48	+25 35 57.6	17.0 N	B70
157P	2009 10 24.96244	23 26 56.72	+11 10 42.2	17.5 N	939	203P	2009 10 18.03444	05 02 13.01	+25 36 12.9	17.0 N	232
157P	2009 10 24.97241	23 26 56.22	+11 10 39.4	17.5 N	J53	203P	2009 10 18.04186	05 02 13.05	+25 36 12.9	17.2 N	232
157P	2009 10 24.98075	23 26 55.87	+11 10 37.1	17.5 N	J53	203P	2009 10 18.04927	05 02 13.02	+25 36 12.6	17.1 N	232
157P	2009 10 24.98353	23 26 55.76	+11 10 35.8	17.4 N	J53	203P	2009 10 18.71772	05 02 12.58	+25 36 22.2	17.0 T	349
157P	2009 10 25.76433	23 26 25.24	+11 06 25.7	17.1 N	A71	203P	2009 10 18.78045	05 02 12.45	+25 36 22.6		349
157P	2009 10 25.77139	23 26 24.95	+11 06 23.8	17.1 N	A71	203P	2009 10 19.03224	05 02 12.21	+25 36 24.4	16.9 N	B74
157P	2009 10 25.80897	23 26 23.41	+11 06 11.6	17.4 N	235	203P	2009 10 19.03620	05 02 12.20	+25 36 24.5	16.9 N	B74
157P	2009 10 25.82933	23 26 22.59	+11 06 05.5	18.0 N	160	203P	2009 10 19.04612	05 02 12.19	+25 36 24.6	16.9 N	B74
157P	2009 10 25.83207	23 26 22.44	+11 06 04.8	18.0 N	160	203P	2009 10 19.11196	05 02 12.00	+25 36 25.4	16.6 N	204
157P	2009 10 25.96633	23 26 16.94	+11 05 21.4	17.5 N	945	203P	2009 10 19.18715	05 02 11.79	+25 36 26.0		204
157P	2009 10 25.98199	23 26 16.31	+11 05 16.3	17.6 N	945	203P	2009 10 25.03213	05 01 38.53	+25 36 43.2	17.0 N	939
157P	2009 10 25.98509	23 26 16.20	+11 05 15.2	17.6 N	945	203P	2009 10 25.03793	05 01 38.47	+25 36 43.3	17.0 N	939
157P	2009 10 26.80597	23 25 45.85	+11 00 56.1	17.8 N	160	203P	2009 10 25.04374	05 01 38.40	+25 36 43.3	17.0 N	939
157P	2009 10 26.80854	23 25 45.70	+11 00 55.8	18.4 N	160	203P	2009 10 25.04429	05 01 38.44	+25 36 43.4	17.2 N	232
157P	2009 10 26.81123	23 25 45.62	+11 00 54.9	18.6 N	160	203P	2009 10 25.05542	05 01 38.32	+25 36 43.2	16.9 N	232
157P	2009 10 26.83887	23 25 44.70	+11 00 47.1	17.9 N	J97	203P	2009 10 25.05911	05 01 38.26	+25 36 43.1	16.9 N	232
157P	2009 10 26.84137	23 25 44.60	+11 00 44.7	17.5 N	J01						
157P	2009 10 26.84222	23 25 44.55	+11 00 45.7	17.9 N	J97						
157P	2009 10 26.84556	23 25 44.41	+11 00 44.4	18.0 N	J97	213P	2005 09 27.90461	02 19 46.53	+29 31 50.3	15.2 N	114
157P	2009 10 26.85312	23 25 44.10	+11 00 42.0	17.2 N	J01	213P	2005 09 27.90678	02 19 46.43	+29 31 50.2	15.1 N	114
157P	2009 10 26.86582	23 25 43.68	+11 00 36.9	17.5 N	J01	213P	2005 09 27.90895	02 19 46.38	+29 31 50.9	15.1 N	114
157P	2009 10 26.89238	23 25 42.43	+11 00 28.3	18.4 T	B28						
157P	2009 10 26.90132	23 25 42.12	+11 00 26.1	18.5 T	B28						
157P	2009 10 26.90820	23 25 41.95	+11 00 24.0	17.7 N	J38	217P	2009 08 30.01258	04 03 28.31	-03 18 51.3		B94
157P	2009 10 26.91174	23 25 41.82	+11 00 22.9	17.6 N	J38	217P	2009 08 30.01288	04 03 28.37	-03 18 51.4		B94
157P	2009 10 26.92236	23 25 41.39	+11 00 19.4	17.6 N	J38	217P	2009 08 30.01348	04 03 28.50	-03 18 51.8		B94
157P	2009 10 27.16358	23 25 32.83	+10 59 07.4	18.8 T	704	217P	2009 09 12.26676	04 52 56.13	-03 50 04.6		834
157P	2009 10 27.17715	23 25 32.30	+10 59 01.5	19.0 T	704	217P	2009 09 12.27135	04 52 57.05	-03 50 05.3		834
157P	2009 10 27.20432	23 25 31.15	+10 58 53.3	19.3 T	704	217P	2009 09 12.27828	04 52 58.42	-03 50 06.3		834
157P	2009 10 27.21790	23 25 30.68	+10 58 50.6	19.3 T	704	217P	2009 09 21.75951	05 22 13.09	-04 12 59.2		D25
157P	2009 10 27.53710	23 25 19.49	+10 57 08.0		900	217P	2009 09 21.76325	05 22 13.70	-04 13 00.6		D25
157P	2009 10 27.54138	23 25 19.41	+10 57 08.3	17.4 T	900	217P	2009 09 21.76615	05 22 14.19	-04 13 01.0		D25
						217P	2009 09 26.08493	05 33 43.51	-04 22 33.4	11.8 N	A71
						217P	2009 09 26.08685	05 33 43.80	-04 22 33.7	11.8 N	A71
						217P	2009 09 26.08869	05 33 44.07	-04 22 33.8	11.8 N	A71
177P	2006 08 13.86786	16 52 12.38	+43 21 26.0	12.6 T	B05	217P	2009 09 26.25421	05 34 09.25	-04 22 33.1		834
177P	2006 08 13.87278	16 52 12.46	+43 21 42.1		B05	217P	2009 09 26.27516	05 34 12.33	-04 22 35.6		834
						217P	2009 09 27.06253	05 36 09.93	-04 24 26.9	12.3 N	A71
						217P	2009 09 27.06466	05 36 10.19	-04 24 27.3	12.3 N	A71
						217P	2009 09 27.06689	05 36 10.55	-04 24 27.5	12.3 N	A71
						217P	2009 09 27.06902	05 36 10.86	-04 24 28.0	12.3 N	A71
						217P	2009 09 28.13074	05 38 46.05	-04 26 28.7	14.2 N	B50
						217P	2009 09 28.15328	05 38 49.03	-04 26 30.7	13.9 N	B50
						217P	2009 09 28.16110	05 38 50.11	-04 26 30.9	13.1 N	B50
						217P	2009 09 30.77082	05 44 53.64	-04 30 43.8		D25
						217P	2009 09 30.78188	05 44 55.15	-04 30 44.8		D25
						217P	2009 09 30.79277	05 44 56.35	-04 30 45.1		D25
203P	2009 09 27.01022	04 57 21.85	+25 23 10.9	16.8 N	A71	217P	2009 10 01.34634	05 46 10.13	-04 31 55.7	14.0 N	850
203P	2009 09 27.01374	04 57 21.89	+25 23 10.1	17.0 N	A71	217P	2009 10 01.36900	05 46 13.03	-04 31 57.9	13.6 N	850
203P	2009 09 27.01771	04 57 22.06	+25 23 10.7	17.1 N	A71	217P	2009 10 01.39141	05 46 15.87	-04 31 59.9	14.0 N	850
203P	2009 10 16.02198	05 02 10.56	+25 35 41.2	18.5 N	B42	217P	2009 10 01.41382	05 46 18.76	-04 32 02.2	13.9 N	850
203P	2009 10 16.98272	05 02 12.45	+25 35 57.3	17.3 N	B70	217P	2009 10 01.43620	05 46 21.59	-04 32 04.3	13.9 N	850

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217P	2009 10 03.77830	05 51 20.42	-04 35 28.2		367	217P	2009 10 12.24964	06 06 30.71	-04 42 24.7	14.4 N	I20
217P	2009 10 03.77943	05 51 20.55	-04 35 28.3	11.2 T	367	217P	2009 10 12.25504	06 06 31.16	-04 42 24.8	14.4 N	I20
217P	2009 10 03.81877	05 51 25.39	-04 35 15.5		D25	217P	2009 10 12.64583	06 07 06.83	-04 42 47.1	14.1 N	372
217P	2009 10 03.82418	05 51 26.15	-04 35 15.5		D25	217P	2009 10 14.04620	06 09 09.23	-04 42 59.3	11.3 N	945
217P	2009 10 03.82979	05 51 26.69	-04 35 16.1		D25	217P	2009 10 14.04780	06 09 09.37	-04 42 59.3	11.3 N	945
217P	2009 10 04.18603	05 52 10.11	-04 36 02.3	13.2 N	A77	217P	2009 10 14.04951	06 09 09.46	-04 42 59.1	11.3 N	945
217P	2009 10 04.18914	05 52 10.45	-04 36 02.6	13.2 N	A77	217P	2009 10 14.05084	06 09 09.56	-04 42 59.0	11.3 N	945
217P	2009 10 04.19149	05 52 10.97	-04 35 59.4	13.8 N	J47	217P	2009 10 14.05219	06 09 09.70	-04 42 59.4	11.3 N	945
217P	2009 10 04.19383	05 52 11.01	-04 36 03.0	12.6 N	A77	217P	2009 10 14.76319	06 10 08.66	-04 42 57.0	11.1 N	372
217P	2009 10 04.19730	05 52 11.70	-04 35 59.6	15.1 N	J47	217P	2009 10 14.76771	06 10 09.02	-04 42 57.4		372
217P	2009 10 04.20309	05 52 12.34	-04 36 00.5	13.8 N	J47	217P	2009 10 15.08333	06 10 34.99	-04 42 56.2	12.4 N	945
217P	2009 10 04.41743	05 52 38.53	-04 36 17.6	11.0 N	H06	217P	2009 10 15.08791	06 10 35.30	-04 42 56.1	12.3 N	945
217P	2009 10 04.42745	05 52 39.63	-04 36 18.5	11.1 N	H06	217P	2009 10 15.09031	06 10 35.51	-04 42 56.3	12.3 N	945
217P	2009 10 04.43713	05 52 40.82	-04 36 19.2	11.0 N	H06	217P	2009 10 15.09199	06 10 35.65	-04 42 56.1	12.3 N	945
217P	2009 10 04.67481	05 53 09.69	-04 36 37.6	11.1 T	349	217P	2009 10 15.09659	06 10 36.00	-04 42 56.2	12.4 N	945
217P	2009 10 04.67740	05 53 09.99	-04 36 37.8		349	217P	2009 10 15.20061	06 10 44.04	-04 42 52.6	12.5 N	J47
217P	2009 10 04.68000	05 53 10.31	-04 36 37.9		349	217P	2009 10 15.21833	06 10 45.40	-04 42 52.6	13.9 N	J47
217P	2009 10 05.19712	05 54 11.43	-04 37 14.4	13.0 N	J47	217P	2009 10 15.23711	06 10 46.80	-04 42 52.6	12.6 N	J47
217P	2009 10 05.20211	05 54 12.01	-04 37 14.5	13.4 N	J47	217P	2009 10 15.40480	06 11 00.67	-04 42 51.5	14.6 N	H06
217P	2009 10 05.20398	05 54 12.26	-04 37 14.7	13.9 N	J47	217P	2009 10 15.40866	06 11 00.89	-04 42 51.4	14.5 N	H06
217P	2009 10 05.21082	05 54 12.97	-04 37 15.4	13.1 N	J47	217P	2009 10 15.45422	06 11 04.35	-04 42 51.0	14.6 N	H06
217P	2009 10 06.42175	05 56 33.14	-04 38 37.8	10.9 N	H10	217P	2009 10 15.45917	06 11 04.71	-04 42 51.0	8.5 T	H06
217P	2009 10 06.42979	05 56 34.02	-04 38 38.5	11.0 N	H10	217P	2009 10 15.67472	06 11 22.19	-04 42 48.1	13.1 N	900
217P	2009 10 06.43811	05 56 34.91	-04 38 38.9	11.2 N	H10	217P	2009 10 15.67838	06 11 22.47	-04 42 48.1		900
217P	2009 10 06.45795	05 56 37.09	-04 38 40.2	11.0 N	H10	217P	2009 10 15.76455	06 11 28.84	-04 42 47.3	9.1 T	349
217P	2009 10 06.46601	05 56 37.93	-04 38 40.7	11.1 N	H10	217P	2009 10 15.76682	06 11 29.01	-04 42 47.3		349
217P	2009 10 08.38404	06 00 08.68	-04 40 28.0	13.5 N	H10	217P	2009 10 15.86567	06 11 36.39	-04 42 47.8	14.9 N	D32
217P	2009 10 08.40287	06 00 10.61	-04 40 29.3	13.6 N	H10	217P	2009 10 15.87016	06 11 36.83	-04 42 48.6	14.8 N	D32
217P	2009 10 08.41230	06 00 11.46	-04 40 29.6	13.3 N	H10	217P	2009 10 15.87465	06 11 37.14	-04 42 48.8	14.8 N	D32
217P	2009 10 08.42404	06 00 12.71	-04 40 30.4	13.4 N	H10	217P	2009 10 16.07653	06 11 53.42	-04 42 43.1	12.7 N	945
217P	2009 10 09.04593	06 01 18.16	-04 41 00.1	13.2 N	939	217P	2009 10 16.07826	06 11 53.60	-04 42 42.9	12.7 N	945
217P	2009 10 09.04987	06 01 18.54	-04 41 00.4	13.2 N	939	217P	2009 10 16.08469	06 11 54.03	-04 42 42.9	12.7 N	945
217P	2009 10 09.05383	06 01 18.93	-04 41 00.6	13.2 N	939	217P	2009 10 16.08682	06 11 54.22	-04 42 42.8	12.7 N	945
217P	2009 10 09.77324	06 02 32.03	-04 41 31.2	14.8 N	D95	217P	2009 10 16.08844	06 11 54.33	-04 42 42.8	12.7 N	945
217P	2009 10 09.77450	06 02 32.15	-04 41 31.0	15.6 N	D95	217P	2009 10 16.19957	06 12 02.55	-04 42 38.5	12.8 N	J47
217P	2009 10 09.77549	06 02 32.25	-04 41 31.4	15.7 N	D95	217P	2009 10 16.21137	06 12 03.38	-04 42 38.1	13.8 N	J47
217P	2009 10 09.77800	06 02 32.49	-04 41 31.3	15.0 N	D95	217P	2009 10 16.22528	06 12 04.37	-04 42 37.8	12.8 N	J47
217P	2009 10 11.00350	06 04 33.45	-04 42 15.0		B94	217P	2009 10 16.31787	06 12 12.10	-04 42 36.2	9.3 N	H10
217P	2009 10 11.00523	06 04 33.59	-04 42 15.9		B94	217P	2009 10 16.32388	06 12 12.52	-04 42 36.1		H10
217P	2009 10 11.00784	06 04 33.84	-04 42 16.5	10.5 T	B94	217P	2009 10 16.32725	06 12 12.85	-04 42 36.2		H10
217P	2009 10 11.12917	06 04 45.53	-04 42 16.3	13.1 N	939	217P	2009 10 16.33502	06 12 13.34	-04 42 35.9		H10
217P	2009 10 11.13752	06 04 46.29	-04 42 16.5	13.1 N	939	217P	2009 10 16.44800	06 12 21.47	-04 42 33.7	9.5 N	H06
217P	2009 10 11.14588	06 04 47.05	-04 42 16.8	13.1 N	939	217P	2009 10 16.45186	06 12 21.74	-04 42 33.6		H06
217P	2009 10 11.73804	06 05 43.18	-04 42 31.3	14.9 N	D95	217P	2009 10 16.45385	06 12 21.88	-04 42 33.5		H06
217P	2009 10 11.73942	06 05 43.35	-04 42 31.5	14.9 N	D95	217P	2009 10 16.84971	06 12 51.26	-04 42 24.3		367
217P	2009 10 11.74050	06 05 43.41	-04 42 32.2	14.9 N	D95	217P	2009 10 16.85012	06 12 51.29	-04 42 24.3	9.0 T	367
217P	2009 10 11.74160	06 05 43.55	-04 42 31.7	14.4 N	D95	217P	2009 10 16.97954	06 13 01.56	-04 42 20.3	12.5 N	A06
217P	2009 10 11.74505	06 05 43.82	-04 42 32.0	14.5 N	D95	217P	2009 10 16.98920	06 13 02.38	-04 42 20.9	12.5 N	A06
217P	2009 10 11.74855	06 05 44.13	-04 42 31.6	14.4 N	D95	217P	2009 10 16.99995	06 13 03.22	-04 42 20.5	12.5 N	A06
217P	2009 10 12.06831	06 06 14.00	-04 42 38.2	13.2 N	939	217P	2009 10 17.00191	06 13 03.43	-04 42 21.1	12.8 N	I99
217P	2009 10 12.07282	06 06 14.39	-04 42 38.2	13.3 N	939	217P	2009 10 17.00436	06 13 03.49	-04 42 20.8	12.6 N	213
217P	2009 10 12.07730	06 06 14.79	-04 42 38.3	13.3 N	939	217P	2009 10 17.00870	06 13 03.78	-04 42 20.3	12.7 N	213
217P	2009 10 12.24405	06 06 30.21	-04 42 24.6	14.4 N	I20	217P	2009 10 17.01376	06 13 04.19	-04 42 19.9	12.8 N	I99

217P	2009 10 17.01712	06 13 04.40	-04 42 20.2	12.7 N	213	217P	2009 10 18.07829	06 14 20.18	-04 41 43.7	12.9 N	945
217P	2009 10 17.02604	06 13 05.05	-04 42 19.7	12.9 N	I99	217P	2009 10 18.08060	06 14 20.41	-04 41 43.7	12.9 N	945
217P	2009 10 17.05946	06 13 07.40	-04 42 19.0	12.4 N	A01	217P	2009 10 18.09032	06 14 21.07	-04 41 40.3	12.9 N	J45
217P	2009 10 17.06098	06 13 07.50	-04 42 19.1	12.4 N	A01	217P	2009 10 18.09397	06 14 20.90	-04 41 45.0	14.0 N	B96
217P	2009 10 17.06251	06 13 07.62	-04 42 19.1	12.4 N	A01	217P	2009 10 18.09554	06 14 21.06	-04 41 44.7	13.8 N	B96
217P	2009 10 17.10351	06 13 10.46	-04 42 18.2	12.5 N	B99	217P	2009 10 18.10583	06 14 22.02	-04 41 41.6	13.8 N	J40
217P	2009 10 17.10647	06 13 10.67	-04 42 18.1	12.5 N	B99	217P	2009 10 18.11858	06 14 22.82	-04 41 42.1	13.3 N	J01
217P	2009 10 17.10795	06 13 10.76	-04 42 18.0	12.5 N	B99	217P	2009 10 18.12345	06 14 23.17	-04 41 40.8	13.9 N	J40
217P	2009 10 17.11816	06 13 11.58	-04 42 17.9	12.6 N	945	217P	2009 10 18.14100	06 14 24.20	-04 41 41.2	12.9 N	232
217P	2009 10 17.12003	06 13 11.71	-04 42 17.8	12.7 N	945	217P	2009 10 18.14123	06 14 24.33	-04 41 40.2	13.9 N	J40
217P	2009 10 17.12134	06 13 11.81	-04 42 17.8	12.7 N	945	217P	2009 10 18.14295	06 14 24.33	-04 41 41.1	12.9 N	232
217P	2009 10 17.12272	06 13 11.91	-04 42 17.6	12.7 N	945	217P	2009 10 18.14303	06 14 24.21	-04 41 42.6	12.8 N	B99
217P	2009 10 17.12331	06 13 11.87	-04 42 17.4	12.7 N	B74	217P	2009 10 18.14519	06 14 24.47	-04 41 40.9	12.8 N	232
217P	2009 10 17.12501	06 13 12.06	-04 42 17.7	12.7 N	945	217P	2009 10 18.14579	06 14 24.39	-04 41 41.0	12.8 N	B99
217P	2009 10 17.12646	06 13 12.08	-04 42 17.7	13.6 N	J59	217P	2009 10 18.14873	06 14 24.68	-04 41 40.6	12.9 N	B99
217P	2009 10 17.12692	06 13 12.10	-04 42 17.3	12.6 N	B74	217P	2009 10 18.15652	06 14 25.30	-04 41 40.5	13.2 N	J01
217P	2009 10 17.13559	06 13 12.73	-04 42 17.4	13.6 N	J59	217P	2009 10 18.18792	06 14 27.92	-04 41 21.3	14.0 N	844
217P	2009 10 17.14034	06 13 13.02	-04 42 17.0	12.6 N	B74	217P	2009 10 18.19446	06 14 27.76	-04 41 39.0	13.2 N	J01
217P	2009 10 17.14591	06 13 13.43	-04 42 17.1	13.6 N	J59	217P	2009 10 18.19470	06 14 28.37	-04 41 21.1	14.0 N	844
217P	2009 10 17.17726	06 13 15.81	-04 42 13.3	12.7 N	J51	217P	2009 10 18.20208	06 14 28.84	-04 41 20.8	14.0 N	844
217P	2009 10 17.18378	06 13 16.19	-04 42 13.2	12.8 N	J47	217P	2009 10 18.20863	06 14 29.31	-04 41 20.3	14.1 N	844
217P	2009 10 17.18879	06 13 16.59	-04 42 13.0	12.8 N	J51	217P	2009 10 18.21588	06 14 29.74	-04 41 20.3	14.1 N	844
217P	2009 10 17.19146	06 13 16.55	-04 42 17.1	14.0 N	987	217P	2009 10 18.22157	06 14 29.63	-04 41 35.4	13.0 N	J47
217P	2009 10 17.19255	06 13 16.66	-04 42 17.1	13.8 N	987	217P	2009 10 18.23307	06 14 30.34	-04 41 34.8	14.4 N	J47
217P	2009 10 17.19395	06 13 16.77	-04 42 17.1	13.7 N	987	217P	2009 10 18.23443	06 14 30.46	-04 41 34.8	14.4 N	J47
217P	2009 10 17.19521	06 13 16.85	-04 42 17.1	13.8 N	987	217P	2009 10 18.23946	06 14 31.30	-04 41 19.3	14.3 T	I36
217P	2009 10 17.19703	06 13 16.98	-04 42 17.1	13.7 N	987	217P	2009 10 18.24142	06 14 31.44	-04 41 19.1	14.3 T	I36
217P	2009 10 17.19804	06 13 17.22	-04 42 12.7	12.7 N	J51	217P	2009 10 18.24320	06 14 31.54	-04 41 19.0	13.9 T	I36
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217P	2009 10 17.35360	06 13 28.88	-04 42 08.6	13.0 N	H10	217P	2009 10 18.33326	06 14 37.89	-04 41 30.9	13.4 N	H10
217P	2009 10 17.35439	06 13 28.77	-04 42 08.3	12.6 N	H47	217P	2009 10 18.41925	06 14 43.45	-04 41 27.5	13.4 N	H10
217P	2009 10 17.36167	06 13 29.44	-04 42 08.2	13.0 N	H10	217P	2009 10 18.42508	06 14 43.80	-04 41 27.3	13.5 N	H10
217P	2009 10 17.36453	06 13 29.48	-04 42 08.2	12.4 N	H47	217P	2009 10 18.43236	06 14 44.30	-04 41 26.8	13.4 N	H10
217P	2009 10 17.36754	06 13 29.68	-04 42 08.2	12.4 N	H47	217P	2009 10 18.44244	06 14 44.96	-04 41 26.4	15.0 N	H06
217P	2009 10 17.37029	06 13 29.85	-04 42 08.2	12.4 N	H47	217P	2009 10 18.45014	06 14 45.43	-04 41 26.1	15.0 N	H06
217P	2009 10 17.37091	06 13 30.07	-04 42 08.1	13.0 N	H10	217P	2009 10 18.45644	06 14 45.61	-04 41 25.7	12.8 N	H47
217P	2009 10 17.37741	06 13 30.51	-04 42 07.8	13.0 N	H10	217P	2009 10 18.46128	06 14 45.92	-04 41 25.5	12.8 N	H47
217P	2009 10 17.39649	06 13 31.83	-04 42 07.3	13.0 N	H10	217P	2009 10 18.46440	06 14 46.12	-04 41 25.4	12.8 N	H47
217P	2009 10 17.40377	06 13 32.30	-04 42 07.2	13.0 N	H10	217P	2009 10 18.46739	06 14 46.30	-04 41 25.3	12.8 N	H47
217P	2009 10 17.78576	06 13 59.22	-04 41 54.0	9.8 T	349	217P	2009 10 18.47046	06 14 46.48	-04 41 25.2	12.8 N	H47
217P	2009 10 17.78760	06 13 59.35	-04 41 53.9		349	217P	2009 10 18.74456	06 15 05.44	-04 41 12.7		D81
217P	2009 10 18.02949	06 14 16.82	-04 41 45.5	13.1 N	213	217P	2009 10 18.74645	06 15 05.60	-04 41 12.7		D81
217P	2009 10 18.03503	06 14 17.22	-04 41 44.9	13.1 N	213	217P	2009 10 18.74829	06 15 05.68	-04 41 12.4		D81
217P	2009 10 18.04166	06 14 17.64	-04 41 44.6	13.0 N	213	217P	2009 10 18.75019	06 15 05.83	-04 41 12.8	10.1 T	D81
217P	2009 10 18.06095	06 14 19.12	-04 41 41.4	12.9 N	J45	217P	2009 10 18.77443	06 15 07.31	-04 41 12.0	15.1 N	D95
217P	2009 10 18.06750	06 14 19.47	-04 41 44.3	12.9 N	945	217P	2009 10 18.77546	06 15 07.32	-04 41 12.1	15.3 N	D95
217P	2009 10 18.07186	06 14 19.82	-04 41 43.9	12.9 N	945	217P	2009 10 18.77648	06 15 07.38	-04 41 12.1	15.1 N	D95
217P	2009 10 18.07622	06 14 20.08	-04 41 43.9	12.9 N	945	217P	2009 10 19.13634	06 15 31.23	-04 40 54.7		204

2009 NOV. 2

M.P.C. 67393

217P	2009 10 19.13907	06 15 31.36	-04 40 54.5		204	217P	2009 10 21.94080	06 18 20.61	-04 37 36.1	14.8 T	583
217P	2009 10 19.16575	06 15 33.01	-04 40 53.1	13.4 N	204	217P	2009 10 21.94792	06 18 20.94	-04 37 35.6	14.8 T	583
217P	2009 10 19.23495	06 15 37.51	-04 40 46.3	13.1 N	J47	217P	2009 10 22.04129	06 18 25.74	-04 37 27.1	14.7 T	583
217P	2009 10 19.24364	06 15 38.03	-04 40 45.8	13.0 N	J47	217P	2009 10 22.25706	06 18 37.81	-04 36 51.7	13.9 N	I10
217P	2009 10 19.25291	06 15 38.57	-04 40 45.1	13.1 N	J47	217P	2009 10 22.29125	06 18 39.48	-04 36 48.8	13.8 N	I10
217P	2009 10 19.33772	06 15 44.71	-04 40 41.3	12.0 N	H47	217P	2009 10 22.42656	06 18 46.54	-04 36 49.4	13.5 N	H10
217P	2009 10 19.34773	06 15 45.32	-04 40 40.9	11.9 N	H47	217P	2009 10 22.42947	06 18 46.71	-04 36 49.2	13.5 N	H10
217P	2009 10 19.35908	06 15 46.01	-04 40 40.1	11.9 N	H47	217P	2009 10 22.43238	06 18 46.83	-04 36 48.8	13.4 N	H10
217P	2009 10 19.41742	06 15 49.32	-04 40 37.6	18.4 T	704	217P	2009 10 22.43530	06 18 46.98	-04 36 48.6	13.5 N	H10
217P	2009 10 19.43082	06 15 50.49	-04 40 34.2	18.2 T	704	217P	2009 10 22.43968	06 18 47.19	-04 36 48.3	13.5 N	H10
217P	2009 10 19.44427	06 15 51.26	-04 40 35.5	18.7 T	704	217P	2009 10 23.43328	06 19 38.07	-04 35 06.3	14.0 N	H06
217P	2009 10 19.46685	06 15 52.62	-04 40 34.2	13.2 N	H10	217P	2009 10 23.43519	06 19 38.16	-04 35 06.2	13.6 N	H06
217P	2009 10 19.47122	06 15 52.88	-04 40 33.9	13.2 N	H10	217P	2009 10 23.44285	06 19 38.51	-04 35 05.1	13.9 N	H06
217P	2009 10 19.47559	06 15 53.14	-04 40 33.7	13.2 N	H10	217P	2009 10 23.44861	06 19 38.79	-04 35 04.7	13.9 N	H06
217P	2009 10 19.47997	06 15 53.40	-04 40 33.5	13.2 N	H10	217P	2009 10 24.37536	06 20 23.02	-04 33 17.8	13.7 N	H45
217P	2009 10 20.20436	06 16 39.06	-04 39 47.6	13.1 N	J47	217P	2009 10 24.37774	06 20 23.11	-04 33 17.4	13.7 N	H45
217P	2009 10 20.22397	06 16 40.17	-04 39 46.3	15.3 N	J47	217P	2009 10 24.37933	06 20 23.18	-04 33 17.4	13.8 N	H45
217P	2009 10 20.24873	06 16 41.56	-04 39 44.7	13.1 N	J47	217P	2009 10 24.38177	06 20 23.29	-04 33 17.1	13.7 N	H45
217P	2009 10 20.34391	06 16 47.96	-04 39 39.0	11.8 N	H47	217P	2009 10 24.38406	06 20 23.37	-04 33 16.7	13.7 N	H45
217P	2009 10 20.35218	06 16 48.40	-04 39 38.5	11.8 N	H47	217P	2009 10 24.38516	06 20 23.42	-04 33 16.7	13.6 N	H45
217P	2009 10 20.36039	06 16 48.86	-04 39 37.8	11.8 N	H47	217P	2009 10 24.39676	06 20 24.08	-04 33 14.8	15.2 N	H06
217P	2009 10 20.37364	06 16 49.62	-04 39 37.5	13.4 N	H45	217P	2009 10 24.40060	06 20 24.22	-04 33 14.2	15.1 N	H06
217P	2009 10 20.37524	06 16 49.70	-04 39 37.4	13.1 N	H45	217P	2009 10 24.42483	06 20 25.21	-04 33 11.4	13.7 N	H10
217P	2009 10 20.37658	06 16 49.78	-04 39 37.4	13.3 N	H45	217P	2009 10 24.42919	06 20 25.40	-04 33 11.0	13.7 N	H10
217P	2009 10 20.37945	06 16 49.94	-04 39 37.2	13.3 N	H45	217P	2009 10 24.43356	06 20 25.58	-04 33 10.5	13.7 N	H10
217P	2009 10 20.38123	06 16 50.05	-04 39 37.0	13.4 N	H45	217P	2009 10 24.43794	06 20 25.76	-04 33 09.9	13.7 N	H10
217P	2009 10 20.38263	06 16 50.11	-04 39 36.7	13.4 N	H45	217P	2009 10 24.78967	06 20 41.51	-04 32 26.0		367
217P	2009 10 20.71754	06 17 10.42	-04 39 13.1		900	217P	2009 10 24.79129	06 20 41.57	-04 32 25.9	12.1 T	367
217P	2009 10 20.72120	06 17 10.62	-04 39 12.9	13.7 N	900	217P	2009 10 25.06644	06 20 54.01	-04 31 50.6	13.2 N	939
217P	2009 10 20.73229	06 17 11.23	-04 39 11.8	14.5 N	372	217P	2009 10 25.07109	06 20 54.20	-04 31 50.1	13.2 N	939
217P	2009 10 20.73681	06 17 11.48	-04 39 11.9		372	217P	2009 10 25.07578	06 20 54.38	-04 31 49.5	13.2 N	939
217P	2009 10 21.04198	06 17 29.68	-04 38 50.0	13.1 N	J38	217P	2009 10 25.07606	06 20 54.62	-04 31 47.0	13.3 N	J45
217P	2009 10 21.04516	06 17 29.89	-04 38 49.9	13.1 N	J38	217P	2009 10 25.08588	06 20 54.77	-04 31 48.5	13.3 N	232
217P	2009 10 21.04642	06 17 29.79	-04 38 50.8	14.1 N	215	217P	2009 10 25.08909	06 20 54.89	-04 31 48.1	13.3 N	232
217P	2009 10 21.04712	06 17 29.82	-04 38 50.7	14.1 N	215	217P	2009 10 25.09391	06 20 55.08	-04 31 47.4	13.3 N	232
217P	2009 10 21.04735	06 17 30.02	-04 38 49.7	13.1 N	J38	217P	2009 10 25.09646	06 20 55.43	-04 31 44.6	13.2 N	J45
217P	2009 10 21.04782	06 17 29.86	-04 38 50.5	14.1 N	215	217P	2009 10 25.12355	06 20 56.51	-04 31 40.9	13.4 N	J51
217P	2009 10 21.32533	06 17 46.01	-04 38 25.7	13.6 N	H47	217P	2009 10 25.13230	06 20 56.84	-04 31 39.7	13.4 N	J51
217P	2009 10 21.33283	06 17 46.41	-04 38 25.2	13.8 N	H47	217P	2009 10 25.14105	06 20 57.18	-04 31 38.7	13.4 N	J51
217P	2009 10 21.33988	06 17 46.78	-04 38 24.6	13.9 N	H47	217P	2009 10 25.20574	06 20 59.48	-04 31 31.6	13.4 N	212
217P	2009 10 21.42230	06 17 51.28	-04 38 18.2	13.6 N	H10	217P	2009 10 25.20862	06 20 59.59	-04 31 31.3	13.4 N	212
217P	2009 10 21.42668	06 17 51.53	-04 38 17.8	13.6 N	H10	217P	2009 10 25.21007	06 20 59.65	-04 31 30.9	13.4 N	212
217P	2009 10 21.43104	06 17 51.75	-04 38 17.4	13.6 N	H10	217P	2009 10 25.31337	06 21 04.81	-04 31 16.0	13.5 N	H10
217P	2009 10 21.43542	06 17 51.98	-04 38 17.2	13.6 N	H10	217P	2009 10 25.31483	06 21 04.85	-04 31 15.7	13.6 N	H10
217P	2009 10 21.44351	06 17 52.38	-04 38 16.5	13.6 N	H10	217P	2009 10 25.31627	06 21 04.88	-04 31 15.5	13.6 N	H10
217P	2009 10 21.44787	06 17 52.62	-04 38 16.2	13.6 N	H10	217P	2009 10 25.31773	06 21 04.97	-04 31 15.4	13.5 N	H10
217P	2009 10 21.45370	06 17 52.89	-04 38 15.7	13.6 N	H10	217P	2009 10 25.32202	06 21 05.03	-04 31 14.8	13.9 N	H47
217P	2009 10 21.67327	06 18 05.72	-04 37 57.4	10.6 T	349	217P	2009 10 25.33645	06 21 05.55	-04 31 13.0	13.7 N	H47
217P	2009 10 21.67641	06 18 05.90	-04 37 57.3		349	217P	2009 10 25.34134	06 21 05.73	-04 31 12.4	13.7 N	H47
217P	2009 10 21.73090	06 18 08.79	-04 37 52.3	13.9 N	372	217P	2009 10 25.34588	06 21 05.90	-04 31 11.8	13.7 N	H47
217P	2009 10 21.75355	06 18 09.75	-04 37 34.9	15.2 N	E16	217P	2009 10 25.41624	06 21 08.56	-04 31 02.7	12.5 N	H10
217P	2009 10 21.75907	06 18 10.05	-04 37 33.6	14.1 N	E16	217P	2009 10 25.93970	06 21 30.46	-04 29 51.0	14.7 T	583
217P	2009 10 21.76727	06 18 10.44	-04 37 33.1	14.2 N	E16	217P	2009 10 25.94034	06 21 30.49	-04 29 50.1	14.7 T	583

M.P.C. 67394

2009 NOV. 2

217P	2009 10 26.05143	06 21 34.91	−04 29 33.8	13.4 N	J38	222P	2009 09 29.17180	08 24 05.18	+23 55 32.1		204
217P	2009 10 26.05251	06 21 34.95	−04 29 33.6	13.4 N	J38	222P	2009 09 30.48309	08 25 41.62	+24 02 01.8	15.1 T	H06
217P	2009 10 26.05468	06 21 35.03	−04 29 33.2	13.4 N	J38	222P	2009 09 30.48681	08 25 41.86	+24 02 03.1	17.8 N	H06
217P	2009 10 26.11561	06 21 37.24	−04 29 24.8	13.3 N	945	222P	2009 10 05.41959	08 31 45.69	+24 22 11.8	17.0 T	H06
217P	2009 10 26.11753	06 21 37.31	−04 29 24.4	13.3 N	945	222P	2009 10 05.42238	08 31 45.90	+24 22 13.3		H06
217P	2009 10 26.11873	06 21 37.35	−04 29 24.3	13.4 N	945	222P	2009 10 05.42517	08 31 46.11	+24 22 14.6		H06
217P	2009 10 26.11990	06 21 37.38	−04 29 24.1	13.3 N	945	222P	2009 10 10.76395	08 38 05.25	+24 39 16.5	17.4 T	349
217P	2009 10 26.12113	06 21 37.43	−04 29 23.9	13.4 N	945	222P	2009 10 10.77061	08 38 05.67	+24 39 17.7		349
217P	2009 10 26.20054	06 21 40.29	−04 29 08.9	13.4 N	J47	222P	2009 10 15.41854	08 43 07.37	+24 52 20.8	19.0 T	704
217P	2009 10 26.21417	06 21 40.74	−04 29 06.8	15.0 N	J47	222P	2009 10 15.43169	08 43 08.46	+24 52 25.1	19.2 T	704
217P	2009 10 26.22933	06 21 41.27	−04 29 04.5	13.4 N	J47	222P	2009 10 15.44486	08 43 09.19	+24 52 26.0	19.9 T	704
217P	2009 10 26.65694	06 21 58.29	−04 27 59.2	14.0 N	372	222P	2009 10 15.45819	08 43 10.03	+24 52 27.9	20.1 T	704
217P	2009 10 26.72708	06 22 00.59	−04 27 49.1		372	222P	2009 10 15.47136	08 43 10.58	+24 52 31.8	19.6 T	704
217P	2009 10 27.02783	06 22 11.90	−04 27 03.0	13.4 N	J38	222P	2009 10 21.06584	08 48 22.21	+25 08 17.5	19.4 T	215
217P	2009 10 27.02892	06 22 11.94	−04 27 02.8	13.4 N	J38	222P	2009 10 29.18625	08 53 45.88	+25 35 33.2	18.8 T	215
217P	2009 10 27.03109	06 22 12.01	−04 27 02.5	13.4 N	J38	222P	2009 10 29.18748	08 53 45.95	+25 35 34.2	19.2 T	215
217P	2009 10 27.11741	06 22 14.85	−04 26 48.5	13.5 N	945	222P	2009 10 29.18871	08 53 46.03	+25 35 35.7	18.9 T	215
217P	2009 10 27.11902	06 22 14.88	−04 26 48.3	13.5 N	945						
217P	2009 10 27.12032	06 22 14.95	−04 26 48.2	13.5 N	945						
217P	2009 10 27.12138	06 22 14.97	−04 26 47.9	13.5 N	945	224P	2009 09 28.02625	01 02 34.20	−07 32 21.1	19.6 N	204
217P	2009 10 27.12238	06 22 15.01	−04 26 47.9	13.5 N	945	224P	2009 10 19.84416	00 42 07.81	−06 38 40.4	19.6 T	215
217P	2009 10 27.20624	06 22 17.69	−04 26 31.5	13.6 N	J47						
217P	2009 10 27.22162	06 22 18.16	−04 26 28.9	15.2 N	J47						
217P	2009 10 27.23537	06 22 18.56	−04 26 26.5	13.6 N	J47	225P	2009 09 23.08991	05 51 40.83	+38 14 33.7	20.5 N	204
217P	2009 10 27.43350	06 22 25.74	−04 25 54.6	13.8 N	H10	225P	2009 09 23.11265	05 51 44.95	+38 15 11.7		204
217P	2009 10 27.43786	06 22 25.89	−04 25 53.7	13.8 N	H10	225P	2009 10 21.07382	07 08 12.68	+49 37 22.1	19.9 T	215
217P	2009 10 27.44368	06 22 26.07	−04 25 52.7	13.8 N	H10	225P	2009 10 21.07470	07 08 12.82	+49 37 23.1	20.1 T	215
217P	2009 10 27.68076	06 22 34.56	−04 25 12.7		900	225P	2009 10 21.07558	07 08 12.93	+49 37 24.4	20.1 T	215
217P	2009 10 27.68967	06 22 34.82	−04 25 11.2	14.0 N	900						
217P	2009 10 28.45481	06 22 58.78	−04 22 53.9	13.9 N	H47	226P	2009 09 16.79167	07 58 04.07	+44 37 27.7	18.9 N	372
217P	2009 10 28.45953	06 22 58.94	−04 22 53.5	14.0 N	H47	226P	2009 09 18.76701	08 03 16.42	+45 01 25.1	19.0 N	372
217P	2009 10 28.46418	06 22 59.06	−04 22 52.7	14.1 N	H47	226P	2009 09 27.10903	08 25 14.99	+46 41 33.1	18.1 N	A71
217P	2009 10 28.99048	06 23 15.34	−04 21 15.9	14.9 T	583	226P	2009 09 28.48091	08 28 51.47	+46 57 57.2		H06
217P	2009 10 29.06414	06 23 17.15	−04 21 01.8	14.9 T	583	226P	2009 09 28.48370	08 28 51.88	+46 57 58.5	18.3 T	H06
217P	2009 10 29.06978	06 23 17.28	−04 21 01.1	14.9 T	583	226P	2009 09 29.12340	08 30 32.77	+47 05 34.9		204
217P	2009 10 29.21045	06 23 21.18	−04 20 30.0	14.1 N	J47	226P	2009 09 29.15302	08 30 37.41	+47 05 56.2	19.1 N	204
217P	2009 10 29.29742	06 23 23.87	−04 19 58.5	14.9 N	I20	226P	2009 10 10.71941	09 00 49.27	+49 23 43.2	18.1 T	349
217P	2009 10 29.30413	06 23 24.02	−04 19 57.1	14.9 N	I20	226P	2009 10 10.72390	09 00 49.92	+49 23 45.9		349
217P	2009 10 30.72208	06 23 59.72	−04 15 15.8		900	226P	2009 10 10.72837	09 00 50.63	+49 23 49.2		349
217P	2009 10 30.72921	06 23 59.85	−04 15 14.2	14.1 N	900	226P	2009 10 14.74583	09 11 12.05	+50 12 08.6	19.5 N	372
						226P	2009 10 20.75118	09 26 30.08	+51 25 14.7	18.5 T	349
						226P	2009 10 20.75565	09 26 30.83	+51 25 18.9		349
219P	2009 09 22.81699	17 46 38.58	−12 55 02.6	18.5 N	204	226P	2009 10 21.10072	09 27 23.44	+51 29 33.7	18.8 T	215
219P	2009 10 19.76772	18 21 00.61	−13 29 32.6	17.8 T	215	226P	2009 10 21.81289	09 29 10.80	+51 38 18.9	18.4 T	349
219P	2009 10 19.76878	18 21 00.69	−13 29 32.6	17.8 T	215	226P	2009 10 21.81736	09 29 11.53	+51 38 22.9		349
219P	2009 10 19.76983	18 21 00.76	−13 29 32.6	17.7 T	215	226P	2009 10 26.17717	09 40 05.22	+52 32 34.2	18.0 N	A77
						226P	2009 10 26.18182	09 40 05.97	+52 32 36.1	18.6 N	A77

228P/LINEAR

228P	2003 01 18.43373	10 12 59.72	+21 54 16.8	18.4 N	644
228P	2003 01 18.45486	10 12 59.09	+21 54 21.3	18.7 N	644
228P	2003 01 18.47576	10 12 58.58	+21 54 26.7	18.7 N	644
228P	2003 01 28.43126	10 07 47.06	+22 31 05.1	19.7 N	644
228P	2003 01 28.45219	10 07 46.26	+22 31 09.8	19.2 N	644
228P	2003 03 07.38074	09 42 03.86	+24 03 00.4	19.1 N	644
228P	2003 03 07.39108	09 42 03.49	+24 03 00.4	19.1 N	644
228P	2003 03 07.40169	09 42 03.16	+24 03 02.0	19.6 N	644
228P	2003 05 12.31553	09 43 28.80	+20 39 45.4	19.1 N	608
228P	2009 10 18.45096	03 23 08.99	+21 29 50.3	20.9 T	291
228P	2009 10 18.46185	03 23 08.66	+21 29 50.2	21.0 T	291
228P	2009 10 18.47364	03 23 08.29	+21 29 49.7	20.9 T	291
228P	2009 10 19.27723	03 22 42.50	+21 29 33.1	21.2 T	291
228P	2009 10 19.28834	03 22 42.12	+21 29 33.1	21.5 T	291
228P	2009 10 19.30024	03 22 41.71	+21 29 32.4	21.0 T	291
228P	2009 10 21.29755	03 21 35.15	+21 28 38.3	20.3 N	8 850
228P	2009 10 21.34285	03 21 33.51	+21 28 38.5	20.2 N	850
228P	2009 10 21.38823	03 21 31.90	+21 28 38.5	19.8 N	850
228P	2009 10 24.35627	03 19 47.39	+21 26 54.2		691
228P	2009 10 24.37360	03 19 46.76	+21 26 53.5		691
228P	2009 10 24.39086	03 19 46.12	+21 26 53.2		691
228P	2009 10 29.14513	03 16 47.42	+21 23 02.9	19.6 T	215

Note 1: UT time on *MPC* 5119 corrected by +1 day. 2: remeasurement of the SOHO-LASCO C2 coronagraphic observations on *MPC* 43439, 46082, 46190, 46494-46496, 46742-46743, 46747-46748 and 62521-62522. 3: predisccovery observation. 4: bad seeing. 5: from *MPS* 297945. 6: high-quality observation. 7: faint image. 8: involved with star. 9 = 3 + 6.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory code:

673 Table Mountain Observatory, Wrightwood. Observers J. R. Foster, T. Barajas. Measurer W. M. Owen, Jr. 0.61-m *f*/16 reflector + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Jupiter VII	2009 10 15.176951	21 19 35.325	-16 27 01.01			1 673
Jupiter VII	2009 10 15.180619	21 19 35.295	-16 27 01.08			1 673
Jupiter VIII	2009 10 15.167997	21 16 10.534	-15 56 42.96			1 673
Jupiter VIII	2009 10 15.172842	21 16 10.523	-15 56 43.01			1 673

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

E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Eric.Elst@oma.be] (1)
P. De Cat, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [peter@oma.be] (5)

Observer E. W. Elst

Measurer P. De Cat

0.85-m *f*/2.5 Schmidt + CCD

Tycho-2

{1} [48, 10, 0*, 2009/10/14-2009/10/15]

{5} [5, 1, 0*, 2005/10/11]

049 Uppsala-Kvistaberg

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

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

[6, 2, 0*, 2002/10/30-2002/11/11]

069 Baldone

I. Eglitis, Institute of Astronomy University of Latvia, Boulevard Rainis 19, Riga, Latvia [ilgmars@latnet.lv]

Observer I. Eglitis

Measurer K. Černis

0.80-m *f*/3.0 Schmidt + CCD

USNO-B1.0

[13, 4, 0*, 2009/04/25-2009/05/01]

071 Rhozen

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

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

Observers V. Ivanova, B. Bilkina

Measurers B. Bilkina, G. Apostolovska

0.50-m *f*/3.44 Schmidt + CCD

GSC-1.1

[10, 3, 0*, 2009/10/11-2009/10/12]

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San

Marcello Pistoiese (PT), Italy [iau@arcetri.astro.it]

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

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

0.15-m *f*/15 refractor + CCD

USNO-A2.0

[5, 2, 0*, 2006/09/22-2007/03/13]

106 Crni Vrh

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

Observers J. Vales, H. Mikuž, S. Maticič, J. Zakrajsek, B. Mikuž

0.60-m *f*/3.3 Deltagraph + CCD

UCAC-2

[2672, 602, 13*, 2008/08/11-2009/10/28]

113 Volkssternwarte Drebach, Schoenbrunn

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

[g.lehmann@abo.freiepresse.de]

0.5-m *f*/6.7 reflector + CCD

UCAC-2

[3, 1, 0*, 2009/10/09]

114 Engelhardt Observatory, Zelenchukskaya Station

T. V. Kryachko, University Astronomical Station, Lenina 41, Zelenchukskaya,
357140 Karachaevo-Cherkessia Republic, Russia [timur@sao.stavropol.su]

Observers T. V. Kryachko, S. Korotkiy, B. Satovski

Measurers D. Chestnov, T. V. Kryachko

0.08-m $f/7.5$ refractor + CCD, 0.30-m $f/7.7$ Ritchey-Chrétien + CCD, 0.20-m

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

NOMAD, UCAC-2, USNO-B1.0

[1518, 175, 34*, 2009/07/25–2009/10/28]

118 Modra

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

[ago@fmph.uniba.sk]

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

0.6-m $f/5.5$ reflector + CCD

UCAC-2, USNO-B1.0

[70, 16, 1*, 2009/09/28–2009/10/27]

122 Pises Observatory

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

[jean.m.lopez2@wanadoo.fr]

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

Measurer J. M. Lopez

0.40-m $f/4.7$ reflector + CCD

USNO-SA2.0

[6, 2, 0*, 2006/12/26–2008/08/30]

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

[156, 20, 0*, 2009/08/22–2009/10/14]

130 Lumezzane

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy

[marco.bs@tiscali.it]

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

0.40-m $f/4.5$ reflector + CCD

UCAC-2, USNO-B1.0

[40, 13, 0*, 2009/10/25]

143 Gnosca

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

0.40-m $f/4$ reflector + CCD

UCAC-2

[137, 33, 3*, 2009/10/14–2009/10/26]

147 Osservatorio Astronomico di Suno

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

Observers P. Concari, D. Crespi, A. Fabi, G. Galli, K. Gauzer, S. Minuto, V. Sacco

Measurer S. Foglia

0.40-m $f/4$ reflector + CCD

UCAC-2

[7, 3, 0*, 2004/12/20–2009/10/16]

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

[16, 4, 0*, 2009/10/19]

152 Moletai Astronomical Observatory

K. Černis, Institute of Theoretical Physics and Astronomy, Gostauto 12, LT-2000

Vilnius, Lithuania [cernis@itpa.lt]

Observers K. Černis, J. Zdanavicius

0.35-m $f/3.5$ reflector + CCD

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

[508, 141, 2*, 2006/09/22–2009/10/20]

157 Frasso Sabino

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

Observers R. Haver, A. Caradossi, R. Gorelli, R. Albanesi

0.37-m $f/6.85$ Cassegrain + CCD

UCAC-2

[12, 3, 0*, 2009/10/16–2009/10/20]

160 Castelmartini

E. Prosperi, Via Bartolini 127, I-51030 Castelmartini (PT), Italy

[e.prosperi@alice.it]

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero, W. Vollmann

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

CMC, NOMAD, UCAC-2

[517, 68, 0*, 2009/09/29–2009/10/27]

169 Airali Observatory

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

[starfield@tin.it]

0.25-m Schmidt-Cassegrain + CCD

UCAC-2

[54, 10, 0*, 2009/09/27–2009/10/26]

185 Vicques

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

0.61-m $f/3.88$ reflector + CCD

USNO-B1.0

[274, 72, 6*, 2008/06/29–2009/10/20]

188 Majdanak

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

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

Observers T. Kryachko, S. Korotkiy, B. Satovski

Measurer D. Chestnov

0.36-m $f/8$ reflector

USNO-B1.0

[3, 1, 0*, 2009/09/24]

196 Homburg-Erbach

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

[Wolfgang.Wiedemann@t-online.de]

0.28-m $f/5$ Schmidt-Cassegrain + CCD
USNO-B1.0

[10, 5, 0*, 2009/09/23–2009/10/22]

198 Wildberg

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

0.35-m $f/4.2$ reflector + CCD
UCAC-3

[162, 23, 0*, 2009/10/12–2009/10/20]

204 Schiaparelli Observatory

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

Observer L. Buzzi

0.60-m $f/4.64$ reflector + CCD, 0.38-m $f/6.8$ reflector + CCD

NOMAD, CMC

[198, 67, 0*, 2008/05/03–2009/10/27]

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]

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

[1, 1, 0*, 2002/01/08]

212 Observatorio La Dehesilla

I. Almendros L., Via del Mar 10, E-29004 Málaga, Spain

[ialmend@supercable.es]

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

CMC, USNO-A2.0

[13, 9, 0*, 2009/10/17]

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

CMC

[2, 1, 0*, 2009/10/23]

215 Buchloe

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

0.44-m $f/4.6$ reflector + CCD

UCAC-2, USNO-A2.0

[6, 2, 0*, 2009/10/19]

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

CMC, USNO-A2.0

[18, 6, 0*, 2009/10/17–2009/10/24]

233 San Vito

S. Donati, Sauro Donati Astronomical Observatory, San Vito, Lucca, Italy

[saurdon@tin.it]

0.30-m $f/10$ Schmidt-Cassegrain + CCD + $f/7$ focal reducer

USNO-A1.0

[10, 3, 0*, 2009/09/30–2009/10/19]

240 Herrenberg

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

0.40-m $f/5$ reflector + CCD

UCAC-2, USNO-B1.0

[17, 4, 0*, 2009/10/19]

260 Siding Spring-DSS

E. Colombini, Via Manfredini 26, I-41043 Formigine (MO) Italy

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

1.2-m Schmidt

[2, 1, 0*, 1983/05/08]

261 Palomar-DSS

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada

[andrew.lowe@encana.com] (4)

1.2-m Schmidt

USNO-B1.0

[5, 2, 0*, 1989/10/09–1993/12/10]

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, J. V. Scotti, M. T. Read, T. H. Bressi

1.8-m $f/2.7$ reflector + CCD

USNO-B1.0

[9932, 2717, 162*, 2001/04/24–2009/10/29]

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 N. Hashimoto, T. Sakamoto, A. Asami, K. Nishiyama, S. Okumura,
S. Urakawa

1.0-m $f/3.0$ reflector + CCD

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

[1473, 231, 121*, 2008/07/30–2009/10/29]

327 Peking Observatory, Xinglong Station

J. Zhu, National Astronomical Observatories, Chinese Academy of Sciences, 20A
Datun Road, Chaoyang District, Beijing 100012, Peoples 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

[27, 8, 0*, 1996/09/21–1998/11/14]

333 Desert Eagle Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada
[microplanet333@yahoo.com]

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

USNO-A2.0, GSC-ACT

[3, 1, 0*, 2002/12/09]

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

[3, 1, 0*, 2001/01/04]

349 Ageo

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

0.25-m $f/5.0$ reflector + CCD

GSC-ACT

[2, 1, 0*, 2009/09/20]

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

[31, 8, 0*, 2009/07/15–2009/09/07]

379 Hamamatsu-Yuto

S. Wakuda, Ufumi 9425-20, Yuto-cho, Hamana-gun, Shizuoka-ken 431-0102, Japan
[caa54120@pop06.odn.ne.jp]

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

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

[449, 15, 0*, 2001/04/22–2009/10/29]

400 Kitami

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

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

GSC

[4, 1, 0*, 2009/10/24–2009/10/25]

413 Siding Spring

R. H. McNaught, Research School of Astronomy and Astrophysics,
Siding Spring Observatory, Coonabarabran, NSW 2357, Australia
[rmn@aaocbn.aao.gov.au] (1)

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

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

{1} [3, 1, 0*, 2003/04/23]

{8} [1, 1, 0*, 1993/04/16]

423 North Ryde

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

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

UCAC-2

[11, 1, 0*, 2009/09/30–2009/10/16]

432 Boambee

V. A. Gardiner, 44 Shaws Close, Boambee, NSW 2452, Australia
[vgardi@chc.net.au]

0.30-m Schmidt-Cassegrain + CCD + $f/3$ focal reducer

UCAC-2

[10, 2, 0*, 2009/09/30–2009/10/01]

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

NOMAD

[8, 2, 0*, 2009/10/13]

442 Gualba Observatory

A. Sánchez, Masia cortinas, 52 Bajos, E-08474 Gualba, Spain
[mpc442@hotmail.com]

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

USNO-A2.0

[11, 6, 0*, 2009/10/09]

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

[139, 39, 1*, 2009/10/15–2009/10/27]

461 University of Szeged, Piskéztető Stn. (Konkoly)

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

Observers K. Sárneczky, B. Sipőcz

0.60-m Schmidt + CCD

USNO-B1.0

[19, 6, 0*, 2003/09/08–2009/09/15]

467 Auckland Observatory

G. W. Christie, Auckland Observatory, P.O. Box 24-180, Royal Oak, Auckland,
New Zealand [grant@christie.org.nz]

Observers G. W. Christie, T. Natusch, H. Ngan

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

UCAC-2

[6, 2, 0*, 2009/10/11]

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,
M. Travagini

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

UCAC-2, USNO-B1.0

[20, 10, 0*, 2009/10/14–2009/10/27]

474 Mount John Observatory, Lake Tekapo

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

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

1.0-m $f/7.7$ reflector + CCD

USNO-B1.0

[136, 23, 1*, 2009/09/28–2009/10/14]

493 Calar Alto

F. Hormuth, Centro Astronómico Hispano Alemán, C/ Jesús Durbán Remón 2-2, E-04004 Almería, Spain [fhormuth@caha.es]

Observers S. Mottola, G. Hahn, U. Carsenty

1.23-m reflector + CCD

USNO-SA2.0

[39, 6, 2*, 2009/02/20–2009/10/16]

540 Linz

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

Observer D. Voglsam

0.6-m $f/3.3$ reflector + CCD

UCAC-2

[29, 8, 1*, 2009/10/20–2009/10/21]

557 Ondřejov

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

Observer P. Kušnirák

0.65-m $f/3.6$ reflector + CCD

UCAC-2

[28, 3, 0*, 2009/09/27–2009/10/21]

560 Madonna di Dossobuono

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

[astrofil@astboi.bo.cnr.it]

0.4-m $f/5$ reflector + CCD

USNO-A2.0

[36, 11, 0*, 2009/10/16–2009/10/26]

566 Haleakala-NEAT/GEODSS

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, P. Kervin,

K. J. Lawrence, D. L. Rabinowitz

Measurers R. Matson, R. J. Bouma, R. Kracht

1.0-m $f/2.2$ Ritchey-Chrétien + CCD, 1.0-m reflector + CCD, 1.2-m reflector + CCD

USNO-A2.0, USNO-B1.0

[25, 8, 0*, 1996/08/19–1998/05/02]

568 Mauna Kea

D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [tholen@hale.ifa.hawaii.edu] (2)

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)

M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech, Pasadena, CA 91125, U.S.A. [mbrown@caltech.edu] (22)

Observers G. T. Elliott, M. Micheli, D. J. Tholen, M. E. Schwamb, W. C. Fraser

Measurers D. J. Tholen, R. A. Tucker, F. Bernardi, M. Micheli, G. T. Elliott, M. E. Schwamb, M. E. Brown

2.24-m University of Hawaii reflector, 8-m reflector + CCD

2MASS, USNO-B1.0

{19} [12, 4, 0*, 2003/08/31–2005/08/30]

{20} [9, 2, 0*, 2005/09/30–2005/10/07]

{22} [8, 4, 0*, 2009/10/18]

{2} [452, 11, 0*, 2005/09/04–2009/10/18]

585 Kiev comet station

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

Observers A. Baransky, Y. Tarasenko, I. Lukianyk, F. Kravtsov, V. Ponomarenko, K. Barinova

0.7-m $f/4$ reflector + CCD

UCAC-2, USNO-B1.0

[155, 13, 0*, 2009/09/22–2009/10/26]

587 Sormano

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

[sormano@tin.it]

Observers F. Manca, A. Testa

0.5-m $f/7$ reflector + CCD

USNO-A2.0

[77, 26, 0*, 2009/10/03–2009/10/26]

595 Farra d'Isonzo

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

[ccaf@ccaf.it]

Observers E. Pettarin, D. Di Maria, F. Fabris

0.40-m $f/4.5$ reflector + CCD

USNO-A2.0

[37, 10, 4*, 2009/10/17–2009/10/27]

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. Laudi, R. Leoni, A. Di Paola,

A. Giunta, V. Casula, D. Perna

0.60-m $f/3$ Schmidt + CCD

USNO-A2.0

[75, 22, 0*, 2002/10/04–2005/11/11]

608 Haleakala-NEAT/MSSS

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

Observers M. Hicks, K. J. Lawrence, D. MacDonald, P. Kervin, J. Africano,

R. Bamberg, S. H. Pravdo, R. Thicksten, E. F. Helin, R. Maeda, D. Talent, P. Tanner

Measurers R. J. Bouma, R. Matson, C. Orgei, K. Sárneczky, F. Fratev, A. Lowe, T. Csörgei, R. Kracht, M. Meyer, E. Schwab

1.2-m $f/1.9$ reflector + CCD
 USNO-B1.0, USNO-A2.0, NOMAD, UCAC-2
[242, 87, 0, 2000/04/11–2006/08/24]*

611 Starkenburg

M. Busch, Niemoellerstr. 9, D-64646 Heppenheim, Germany
[\[Matthias.Busch@easysky.de\]](mailto:Matthias.Busch@easysky.de)
 Observers M. Busch, F. Pulvermacher, M. Helfert
 0.45-m $f/4.4$ reflector + CCD
 USNO-B1.0
[68, 26, 0, 2009/10/18–2009/10/25]*

621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [\[0220455671-0001@t-online.de\]](mailto:0220455671-0001@t-online.de)
 0.60-m $f/5.2$ reflector + CCD
 UCAC-2, UCAC-3
[1074, 178, 30, 2001/08/22–2009/10/20]*

629 Szeged Observatory

L. Kiss, Pf. 596, H-6725 Szeged, Hungary [\[l.kiss@physx.u-szeged.hu\]](mailto:l.kiss@physx.u-szeged.hu)
 Observers G. Sánta, T. Veselényi, A. Gy. Garami, F. Kovács
 Measurers G. Sánta, K. Sárneczky
 0.40-m $f/3.0$ reflector + CCD
 USNO-B1.0
[2, 1, 0, 2009/09/15]*

644 Palomar Mountain/NEAT

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.
[\[Raymond.J.Bamberg@jpl.nasa.gov\]](mailto:Raymond.J.Bamberg@jpl.nasa.gov)
 Observers R. Bamberg, E. F. Helin, S. H. Pravdo, M. Hicks, K. J. Lawrence,
 R. Thicksten, J. Africano, D. MacDonald, P. Kervin, E. Hovland, T. Bickler,
 J. Schroeder, L. Scherr, A. Deetz, K. Kuluhiwa
 Measurers R. J. Bouma, A. Lowe, J. Trnka, R. Kracht, K. Sárneczky, D. Chestnov,
 T. Csörgei, F. Fratev, R. Matson, S. Kürti, M. Meyer, E. Schwab
 1.2-m Oschin Schmidt + CCD
 USNO-B1.0, NOMAD, USNO-A2.0
[3385, 498, 102, 2001/07/18–2007/03/30]*

645 Apache Point–Sloan Digital Sky Survey

Z. Ivezić, Department of Astrophysical Sciences, Peyton Hall, Princeton University,
 Princeton, NJ 08544, U.S.A. [\[ivezic@astro.princeton.edu\]](mailto: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
[496, 219, 0, 1998/09/19–2004/03/18]*

673 Table Mountain Observatory, Wrightwood

W. M. Owen, Jr., Jet Propulsion Laboratory 301-150, 4800 Oak Grove Drive,
 Pasadena, CA 91109-8099, U.S.A. [\[wmo@wansor.jpl.nasa.gov\]](mailto:wmo@wansor.jpl.nasa.gov) (1)
 J. Young, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109,
 U.S.A. [\[w7ftt@netscape.net\]](mailto:w7ftt@netscape.net) (5)
 Observers A. J. McAuley, J. R. Foster, W. M. Owen, Jr., D. Mayes, T. Barajas,
 T. A. Barajas, J. A. Shitanishi

0.61-m $f/16$ reflector + CCD
 UCAC-2, USNO-B1.0
 {1} *[220, 78, 0*, 2009/10/12–2009/10/26]*
 {5} *[25, 7, 0*, 2009/10/16–2009/10/27]*

675 Palomar Mountain

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
 U.S.A. [\[elgb@lowell.edu\]](mailto:elgb@lowell.edu) (6)
 M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech,
 Pasadena, CA 91125, U.S.A. [\[mbrown@caltech.edu\]](mailto:mbrown@caltech.edu) (29)
 Observers C. S. Shoemaker, E. M. Shoemaker, M. E. Schwamb, M. E. Brown,
 D. L. Rabinowitz
 1.5-m $f/8.5$ Cassegrain + CCD, 1.2-m Oschin Schmidt + CCD, 0.46-m Schmidt
 USNO-B1.0, USNO-A2.0
 {6} *[1, 1, 0*, 1990/09/28]*
 {29} *[47, 8, 2*, 2008/01/11–2009/10/19]*

683 Goodricke-Pigott Observatory, Tucson

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.
[\[gpobs@mindspring.com\]](mailto:gpobs@mindspring.com)
 0.35-m reflector + CCD
 UCAC-2
[8668, 1221, 3, 2004/10/09–2009/10/24]*

688 Lowell Observatory, Anderson Mesa Station

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
 U.S.A. [\[buie@lowell.edu\]](mailto:buie@lowell.edu) (1)
 L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,
 AZ 86001, U.S.A. [\[lhwh@lowell.edu\]](mailto:lhwh@lowell.edu) (5)
 H. G. Roe, California Institute of Technology, MS 150-21, Pasadena, CA 91125,
 U.S.A. [\[hroe@gps.caltech.edu\]](mailto:hroe@gps.caltech.edu) (11)
 Observers L. H. Wasserman, H. G. Roe
 Measurers L. H. Wasserman, H. G. Roe, M. E. Schwamb
 1.8-m Perkins telescope + CCD, 0.75-m $f/16$ reflector + CCD
 USNO-B1.0
 {11} *[2, 1, 0*, 2008/02/27]*
 {1} *[3, 1, 0*, 1998/04/20]*

{5} *[36, 18, 3*, 2009/07/27–2009/10/12]*

689 U.S. Naval Observatory, Flagstaff Station

H. C. Harris, U.S. Naval Observatory Flagstaff Station, P.O. Box 1149, Flagstaff,
 AZ 86002-1149, U.S.A. [\[hch@nfs.navy.mil\]](mailto:hch@nfs.navy.mil) (2)
 1.6-m reflector + CCD
[1855, 218, 0, 2000/12/19–2009/09/29]*

691 Steward Observatory, Kitt Peak

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
 U.S.A. [\[bob@lpl.arizona.edu\]](mailto:bob@lpl.arizona.edu)
 Observer T. H. Bressi
 Measurer J. L. Montani
 0.9-m $f/3$ reflector + CCD
 USNO-B1.0
[60343, 14966, 1867, 1991/09/09–2009/10/27]*

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)
 D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [tholen@hale.ifa.hawaii.edu] (16)
 L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (23)
 M. Trueblood, Winer Observatory, P.O. Box 797, Sonoita, AZ85637-0797, U.S.A. [mtrueblood@noao.edu] (27)
 Observers D. J. Tholen, R. A. Tucker, F. Bernardi
 Measurers D. J. Tholen, R. A. Tucker, F. Bernardi, M. Micheli, G. T. Elliott
 2.29-m reflector
 2MASS
 {16} [11, 1, 0*, 2004/06/19–2005/07/11]
 {23} [19, 9, 0*, 2004/10/11–2007/02/21]
 {1} [120, 59, 0*, 2000/02/05–2006/05/02]
 {3} [10, 3, 0*, 2001/11/17–2004/03/26]
 {27} [4, 1, 0*, 2009/09/24]

699 Lowell Observatory-LONEOS

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001, U.S.A. [elgb@lowell.edu]
 Observer K. P. McLelland
 Measurer B. W. Koehn
 0.59-m Schmidt + CCD
 CMC
 [528, 128, 0*, 1998/08/27–2009/10/24]

703 Catalina Sky Survey

S. M. Larson, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [slarson@lpl.arizona.edu]
 Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs
 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
 [211898, 33155, 977*, 1999/11/03–2009/10/29]

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, M. Blythe
 Measurer J. Stuart
 1.0-m $f/2.15$ reflector + CCD
 USNO-A2.0
 [247321, 33378, 56*, 2003/01/08–2009/10/27]

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)

A. Becker, University of Washington, Box 351580, Seattle, WA 98195-1580, U.S.A. [becker@astro.washington.edu] (4)
 0.5-m $f/8.5$ reflector + CCD
 {3} [3, 1, 0*, 2004/09/09]

{4} [2, 1, 0*, 2005/09/13]

734 Farpoint Observatory

G. Hug, RTE 1 Box 35c, Eskridge, KS 66423, U.S.A. [fast@nekaal.org]
 0.3-m $f/6$ Schmidt-Cassegrain + CCD
 UCAC-2
 [11, 2, 0*, 2005/12/22–2007/03/16]

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, C. Sexton, M. Eastman, P. G. A. Garossino, J. Jackson
 0.46-m $f/4.5$ Newtonian reflector + CCD, 0.9-m $f/7.6$ Ritchey-Chrétien + CCD
 UCAC-2, USNO-A2.0
 [109, 30, 0*, 2001/08/17–2009/10/23]

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)
 {15} [17, 8, 0*, 2005/08/08–2007/09/08]
 {1} [126, 63, 0*, 2000/07/29–2006/04/28]
 {3} [8, 2, 0*, 2001/02/23–2003/04/06]

808 El Leoncito

C. E. Lopez, Felix Aguilar Observatory, Benavidez 8175 (Oeste), AR-5407 Marquesado-San Juan, Argentina [lopez2283@infovia.com.ar]
 Observers H. S. López, J. E. Torres
 0.5-m $f/7.5$ double astrograph + CCD
 UCAC-2
 [53, 14, 0*, 2009/09/01–2009/10/05]

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 [raul.behrend@obs.unige.ch] (20)
 O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France [ovidiv@astroclubul.org] (32)
 A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia [Adrian.Galád@fmph.uniba.sk] (35)
 Observer A. Galád

Measurers K. Hornoch, A. Galád
1.54-m Danish Telescope + CCD, 1.0-m Schmidt
USNO-B1.0, UCAC-2

[646, 80, 16*, 2009/09/24–2009/10/13]

{20} [5, 1, 0*, 2006/03/12]

{4} [21, 6, 0*, 1993/09/17–1998/08/27]

{8} [15, 9, 0*, 1993/03/20–1996/10/17]

{9} [18, 6, 0*, 2002/06/03–2005/02/18]

{32} [21, 2, 0*, 2008/03/11–2008/03/12]

816 Rand Observatory

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

[GeorVisc@localnet.com]

0.37-m $f/6$ reflector + CCD

USNO-SA1.0

[2, 1, 0*, 1996/11/17]

834 Buenos Aires-AAAA

R. Mackintosh, Seccion Sistema Solar, Asociacion Argentina Amigos de la
Astronomia, Av. Patricia Argentinas 550, AR-1405 Capital Federal,
Argentina [robertom@aaaa.org.ar]

Observers R. Mackintosh, M. Konishi, R. Mykytyuk

Measurer R. Mackintosh

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

USNO-A2.0

[3, 1, 0*, 2009/10/04]

844 Los Molinos

G. Tancredi, Departamento Astronomia, Facultad Ciencias, Igua 4225, UY-11400

Montevideo, Uruguay [gonzalo@fisica.edu.uy]

Observers R. Salvo, S. Roland, S. Bruzzone, G. Tancredi, M. Martinez

0.35-m reflector + CCD

USNO-SA2.0, USNO-B1.0, USNO-A2.0

[15, 2, 0*, 2009/10/20–2009/10/27]

850 Cordell-Lorenz Observatory, Sewanee

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

Observers D. T. Durig, M. A. Cowan, M. B. Barry, C. M. Allen, J. R. Pippin,
F. A. Schmidt, S. D. Harris, L. E. Walters, K. R. Wakefield, T. D. Moore,
W. G. Johnson, P. M. Johnson, C. A. Thaddeus

0.30-m Schmidt-Cassegrain + CCD

UCAC-2

[103, 31, 0*, 2009/09/29–2009/10/29]

854 Sabino Canyon Observatory, Tucson

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

[mcgaha@skepticus.com]

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

USNO-A2.0

[84, 28, 0*, 2009/10/15–2009/10/27]

900 Moriyama

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

[ikari@gold.ocn.ne.jp]

0.26-m $f/7.0$ reflector + CCD

UCAC-2, USNO-B1.0

[126, 53, 0*, 2009/10/09–2009/10/30]

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

[24, 8, 0*, 1996/10/20–1998/10/21]

926 Tenagra II Observatory

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

[mbs@tenagraobservatories.com]

Observers P. R. Holvorcem, M. Schwartz, M. Ory, I. Robbins, J.-C. Merlin,
L. Elenin

0.81-m $f/7$ Ritchey-Chrétien + CCD

USNO-A2.0, USNO-B1.0, UCAC-3, UCAC-2

[827, 188, 2*, 2004/06/09–2009/10/30]

939 Observatorio Rodeno

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

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

CMC

[21, 7, 0*, 2009/10/11–2009/10/25]

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

[96, 16, 3*, 2008/06/01–2009/10/25]

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

[21, 7, 0*, 2009/10/14–2009/10/15]

950 La Palma

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

2.5-m Isaac Newton Telescope + CCD

USNO-A2.0

[3, 1, 0*, 2002/11/05]

954 Teide Observatory

R. Casas, A. A. Sabadell P.O. Box 50, E-08200 Sabadell, Spain [rcr@ot.iac.es]
 Observers J. A. Henríquez, J. F. Hernandez, G. Vazquez
 Measurers J. M. Aymami, J. Castellano, E. Reina, J. Lacruz
 0.82-m $f/11$ Cassegrain + CCD
 UCAC-2, CMC
[10, 3, 0, 1998/09/21–2009/10/12]*

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
 CMC
[9, 2, 0, 2009/10/16–2009/10/17]*

A02 Masia Cal Maciarol Modul 8

J. L. Salto G., C/ Tramuntana, 7, E-08630 Abrera, Catalonia, Spain
 [jlsalt@wanadoo.es]
 Observers J. L. Salto, A. Salto
 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD
 CMC
[3, 1, 0, 2009/10/18]*

A06 Mataró

F. García, Bonaire 25 Atic, E-08301 Mataró, Spain
 [cosmosmataro@astrosurf.com]
 Observer E. Cortes
 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD
 CMC
[4, 1, 0, 2009/10/03–2009/10/04]*

A13 Observatoire Naef, Marly

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland [kocher@bluewin.ch]
 0.5-m $f/3.3$ Hypergraph + CCD
 USNO-B1.0, UCAC-2, UCAC-3
[413, 122, 13, 2007/11/30–2009/10/28]*

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
 USNO-B1.0, UCAC-2
[99, 25, 2, 2009/10/18–2009/10/29]*

A23 Weinheim

L. Kurtze, Klingenberg 14, D-69469 Weinheim, Germany [lothar.kurtze@web.de]
 Observers L. Kurtze, C. Kurtze
 0.2-m $f/10$ Schmidt-Cassegrain + CCD
 UCAC-2
[3, 1, 0, 2009/09/26]*

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

[17, 2, 0, 2009/10/14–2009/10/18]*

A27 Eridanus Observatory, Langelsheim

E. Meyer, am Borbergsbach 18, D-38685 Langelsheim, Germany
 [eckart.meyer@tu-clausthal.de]
 0.15-m refractor + CCD
 UCAC-3
[17, 2, 0, 2009/10/09–2009/10/20]*

A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany
 [joachim.lorenz.hormersdorf@t-online.de]
 0.30-m $f/6$ Newtonian + CCD
 USNO-A2.0
[3, 1, 0, 2009/09/27]*

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
[14, 5, 0, 2007/05/18–2009/10/07]*

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
[19, 4, 0, 2009/10/18–2009/10/24]*

A50 Andrushivka Astronomical Observatory

Y. Ivashchenko, 3-7 Observatorna Sreet, Andrushivka, Zhytomyr reg, Ukraine
 [yurets@gluk.org]
 Observers Y. Ivashchenko, P. Kyrylenko
 Measurer A. Nikolajchuk
 0.6-m reflector + CCD
 USNO-A2.0
[1162, 396, 2, 2004/11/04–2009/10/09]*

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
[19, 5, 0, 2009/10/12–2009/10/26]*

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
[62, 11, 4, 2009/10/12–2009/10/15]*

A60 YSTAR-NEOPAT Station, Sutherland

Y. I. Byun, Yonsei University Observatory, Seoul 120-749, South Korea
 [byun@galaxy.yonsei.ac.kr]

Observers M. J. Kim, Y. H. Bae, Y. J. Choi, H. Yi, H. K. Moon, Y. I. Byun,
H. S. Yim, W. Han
0.5-m $f/2$ reflector + CCD
USNO-B1.0

[48, 16, 0*, 2009/10/08–2009/10/21]

A71 Stixendorf

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

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero, W. Vollmann
0.20-m $f/2.8$ reflector + CCD
UCAC-2

[36, 9, 0*, 2009/09/26–2009/10/25]

A74 Bergen-Enkheim Observatory

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

0.4-m $f/4$ reflector + CCD
USNO-B1.0

[43, 13, 0*, 2009/10/14–2009/10/21]

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-B1.0, USNO-A2.0

[1628, 410, 21*, 2009/08/21–2009/10/30]

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 + $f/6.4$ focal reducer

UCAC-3

[23, 6, 0*, 2009/10/16–2009/10/27]

A79 Zvezdno Obshtestvo Observatory, Plana

F. Fratev, Persenk 34b, BG-1000 Sofia, Bulgaria [filipfratev@yahoo.com]

0.35-m $f/3.4$ reflector + CCD

USNO-A2.0

[224, 60, 3*, 2009/10/09–2009/10/29]

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

[3, 1, 0*, 2009/10/13]

A92 Urseanu Observatory, Bucharest

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

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

USNO-B1.0

[12, 2, 0*, 2009/09/23–2009/10/05]

A97 Stammersdorf

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

0.20-m $f/4$ reflector + CCD

UCAC-2

[10, 2, 0*, 2009/10/04]

B01 Taunus Observatory, Frankfurt

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

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

0.6-m $f/3.3$ Cassegrain + CCD

UCAC-2

[538, 90, 10*, 2009/09/25–2009/10/25]

B03 Alter Satzberg, Vienna

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

[pietschnig@utanet.at]

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

NOMAD

[40, 9, 0*, 2009/09/26–2009/10/26]

B05 Ka-Dar Observatory, Barybino

S. Korotkiy, Tsimlyanskaya street 30-137, Moscow 109559, Russia [ka-dar@mail.ru]

Observers S. Korotkiy, M. Ereshko

Measurer D. Chestnov

0.35-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer, 0.11-m $f/7.7$
refractor + CCD

USNO-A2.0, UCAC-2, NOMAD

[3, 1, 0*, 2006/09/28]

B11 Osservatorio Cima Rest, Magasa

M. Toninelli, Via Paganini 12, I-25088 Toscolano-Maderno (BS), Italy

[m.toninelli@alice.it]

Observers M. Toninelli, F. Zanardini

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

USNO-B1.0

[28, 4, 2*, 2009/10/10–2009/10/27]

B15 Inastars Observatory, Potsdam (since 2006)

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

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

NOMAD

[106, 14, 1*, 2009/10/12–2009/10/29]

B17 AZT-8 Evpatoria

V. Rihalsky, 97419, Evpatoria-19, Crimea, Ukraine [vlad_rvv@mail.ru]

Observers S. Korotkiy, S. Zolotov

Measurers I. Izmailov, S. Korotkiy, S. Zolotov

0.70-m $f/4.0$ reflector + CCD

UCAC-2

[33, 1, 0*, 2009/09/16–2009/09/24]

B18 Terskol

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

Observers M. Andreev, A. Sergeev

0.6-m $f/13$ reflector + CCD

UCAC-2

[10, 3, 0*, 2009/10/27]

B19 Observatorio Iluro, Mataró

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

[vilaia@telefonica.net]

0.20-m $f/3.7$ Schmidt-Cassegrain + CCD

CMC

[3, 1, 0*, 2009/10/17]

B21 Gaisberg Observatory, Schaerding

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

[info@gierlinger.cc]

0.7-m $f/3.1$ Newtonian reflector + CCD

USNO-B1.0

[30, 14, 0*, 2009/10/20]

B28 Mandi Observatory, Pagnacco

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

0.45-m $f/4.5$ reflector + CCD

NOMAD

[9, 2, 0*, 2009/10/25]

B29 L'Ampolla Observatory, Tarragona

E. Forné, C/ Ciudad de Mendoza 40, E-08191 Rubí, Barcelona, Spain

[enfor@orange.es]

0.36-m $f/4$ reflector + CCD

UCAC-2

[12, 3, 0*, 2009/10/10–2009/10/12]

B33 Libbiano Observatory, Peccioli

P. Bacci, Centro Astronomico Libbiano, Loc. Libbiano Via della Chiesa 32, I-56037

Peccioli (PI), Italy [asteroidi@backman.homelinux.org]

Observers P. Bacci, R. Emilio, R. Enzo, F. Biaci, F. Biasci, A. Villa, D. Antonacci,

P. Piludu, A. Domenico

0.5-m Ritchey-Chrétien + CCD

CMC, UCAC-2

[124, 39, 1*, 2009/10/12–2009/10/28]

B36 Redshed Observatory, Kallham

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

[hannes.bachleitner@aon.at]

0.32-m $f/5$ reflector + CCD

USNO-B1.0

[2, 1, 0*, 2009/10/07]

B37 Obs. de L' Ametlla del Valles, Barcelona

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

[ags2es@yahoo.es]

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

CMC

[15, 4, 0*, 2009/09/29–2009/10/12]

B40 Skylive Observatory, Catania

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

0.41-m $f/10$ Schmidt-Cassegrain + CCD + $f/5.6$ focal reducer

UCAC-2

[14, 2, 2*, 2009/09/29–2009/10/01]

B42 Vitebsk

V. Nevski, Chkalov street, 19/3-24, BY-210027 Vitebsk, Belarus [nevski@tut.by]

0.3-m $f/5.0$ reflector + CCD

USNO-A2.0

[23, 5, 0*, 2009/09/16–2009/10/15]

B46 Sintini Observatory, Alfonsine

M. Graziani, Sintini Obs, Via Circonvallazione 92/2, Argenta, Italy

[magraziani@racine.ra.it]

Observers M. Graziani, G. Mauro

Measurers F. Tozzi, G. Mauro

0.30-m Schmidt-Cassegrain + CCD

UCAC-3, USNO-SA2.0

[4, 2, 0*, 2009/10/24–2009/10/25]

B49 Paus Observatory, Sabadell

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

[jordi.camarasa@ya.com]

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

USNO-A2.0, UCAC-2, CMC

[26, 8, 0*, 2009/10/11–2009/10/24]

B50 Corner Observatory, Durmersheim

J. Linder, Im Eck 1/19, D-76448 Durmersheim, Germany

[juergen@cometmillenium.de]

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

UCAC-2

[8, 1, 0*, 2009/10/19]

B51 Vallauris

J. Nicolas, 364 chemin de Notre Dame, F-06220 Vallauris, France

[nicolas.joel@wanadoo.fr]

0.28-m $f/6.5$ reflector + CCD

USNO-A2.0

[2, 1, 0*, 2009/09/30]

B67 Sternwarte Mirasteilas, Falera

J. De Queiroz, Sternwarte Mirasteilas, CH-7153 Falera, Graubünden, Switzerland

[encarna@kns.ch]

0.90-m $f/6.7$ reflector + CCD

UCAC-2

[48, 15, 1*, 2009/10/19–2009/10/20]

B74 Santa Maria de Montmagastrell

J. M. Bosch, Carrer del Nord, 29, 3r, 2a, E-25300 Tàrrrega, Spain

[jboschi@xtec.cat]

0.31-m $f/4.9$ Newtonian reflector + CCD

CMC, UCAC-2

[69, 17, 0*, 2009/10/06–2009/10/25]

B75 Stazione Astronomica Betelgeuse, Magnago

M. Martignoni, Via Don Minzoni 26D, I-20020 Magnago (Milano), Italy

[massimiliano.martignoni@alice.it]

0.20-m $f/10$ Schmidt-Cassegrain + CCD
USNO-B1.0

[7, 6, 0*, 2009/10/18–2009/10/19]

B81 Caimari

P. Salom, C/Ermitaño no. 6, E-07314 Caimari, Spain
[elsbufats@telefonica.net]

Observers M. Esteban, P. Salom

0.25-m $f/3$ Schmidt-Cassegrain + CCD
UCAC-2, CMC

[1, 1, 0*, 2009/10/10]

B82 Maidbronn

B. Häusler, Albin-Joerg-Strasse 28, D-97222 Maidbronn, Germany
[bernhard.haeusler@t-online.de]

0.30-m Schmidt-Cassegrain + CCD
CMC

[8, 1, 1*, 2009/09/26–2009/09/28]

B84 Cyclops Observatory, Oostkapelle

N. Jobse, Duinbeekseweg 22a, NL-4356 CE Oostkapelle, The Netherlands
[cyclops@zeelandnet.nl]

0.30-m $f/3.8$ reflector + CCD
USNO-B1.0

[12, 2, 0*, 2009/10/14]

B86 Sternwarte Hagen

M. Klein, Hierseier Weg 22, D-58119 Hagen, Germany
[minorplanets@sternwarte-hagen.de]

Observers S. Certa, M. Klein, J. Tiedtke

0.50-m $f/3.0$ Deltagraph + CCD
USNO-B1.0

[8, 2, 0*, 2009/10/14–2009/10/25]

B92 Chinon

M. Audejean, Place du Général de Gaulle, F-37500 Chinon, France
[maurice.audejean@wanadoo.fr]

0.32-m $f/6$ Newtonian reflector + CCD
USNO-B1.0

[57, 5, 0*, 2009/10/12–2009/10/27]

B94 Petrozavodsk

A. Novichonok, Zavodskaya street 23a-60, Kondopoga 186225, Russia
[astrokarelia@mail.ru]

Observers A. Novichonok, A. Smirnov, S. Niskanen, E. Evdokimova,
S. Evdokimova, A. Mezentsev, V. Agletdinov, A. Korolkov, D. Kirienko

0.25-m $f/8.0$ Ritchey-Chrétien + CCD
UCAC-2

[6, 2, 0*, 2009/10/10–2009/10/11]

B96 Brixiiis Observatory, Kruibeke

E. Bryssinck, Brixiiis Observatory, B-9150 Kruibeke, Belgium
[erik.bryssinck@telenet.be]

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

[5, 1, 0*, 2009/10/08]

C00 Velikie Luki

A. Eliseev, Oktyabrskiy prospekt, 126-73, Velikie Luki, 182100, Russia
[yeles@mail.ru]

0.15-m $f/5.1$ reflector + CCD
UCAC-2

[31, 7, 0*, 2009/10/15–2009/10/20]

C03 Clayhole Observatory, Jokela

J. Suomela, Ida Aalbergin tie 3 A 144, SF-00400 Helsinki, Finland
[astrometric@cataclysmix.com]

0.20-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
USNO-B1.0

[6, 3, 0*, 2009/10/09]

C04 Kramatorsk

S. Plaksa, Belyaeva street, 111-197, UA-84320 Kramatorsk, Ukraine
[S.Plaksa@gmail.com]

0.25-m $f/5.0$ Newtonian reflector + CCD
UCAC-2

[21, 3, 0*, 2009/09/17–2009/09/22]

C05 Königsleiten

G. Lehmann, Königsleiten 29, A-5742 Wald im Pinzgau, Austria
0.60-m $f/10.0$ reflector + CCD

UCAC-3

[26, 6, 0*, 2009/10/19–2009/10/20]

C06 Krasnoyarsk

S. Veselkov, 660013, st. Energetikov, h. 40a, f. 16, Krasnoyarsk, Russia
[pulsar1963@yandex.ru]

Tycho-2

[20, 7, 0*, 2009/08/27–2009/10/09]

C07 Anysllum Observatory, Ager

X. Bros, 100 Ronda Zamenhof, E-08208 Sabadell, Spain [xavi@anysllum.com]

0.35-m $f/4.6$ Newtonian reflector + CCD
UCAC-2

[10, 2, 0*, 2009/10/11–2009/10/17]

D20 Zadko Observatory, Wallingup Plain

M. Todd, 15 Conifer Street, Maddington, WA 6109, Australia
[sionnagh@gmail.com]

1.0-m $f/4.0$ Cassegrain + CCD
USNO-B1.0

[79, 14, 0*, 2009/10/06–2009/10/08]

D21 Shenton Park

P. Lucas, 18 Waverley Street, Shenton Park, WA 6008, Australia
[paul.lucas@mac.com]

Observers P. Lucas, P. R. Holvorcem

0.35-m $f/8.6$ Schmidt-Cassegrain + CCD
USNO-A2.0

[213, 47, 1*, 2009/09/30–2009/10/21]

D25 Tzec Maun Observatory, Pingelly

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.
[ron@tzecmaun.org]

Observers D. Chestnov, A. Novichonok, D. Mendicini, S. Beck, A. Smirnov,
J. Kandler, K. Dankov, J. Sachs, S. Farmer, Jr, J. Linder
0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ Newtonian reflector + CCD
UCAC-2, Tycho-2, NOMAD, USNO-A2.0, USNO-B1.0
[473, 135, 2, 2009/09/21–2009/10/23]*

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, M. Wang, G. T. Zhaori, R. Q. Hong,
L. F. Hu

Measurers H. B. Zhao, H. Lu, G. T. Zhaori, Y. Xia, S. Jianchun
1.04-m $f/1.8$ Schmidt + CCD

[18181, 4115, 16, 2009/04/27–2009/10/28]*

D35 Lulin Observatory

H. C. Lin, 300 JungDa Rd, Chung-li City, Tao-yuan Country, Taiwan
[hclin@astro.ncu.edu.tw]

Observers C. W. Chen, Z. W. Zhang

Measurer Z. W. Zhang

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

[12, 3, 0, 2006/08/26–2007/05/11]*

D39 Shandong University Observatory, Weihai

S. M. Hu, 180# Wenhua XiLu, Weihai, Shandong, P.O. 264209, China
[husm@sdu.edu.cn]

Observers D. F. Guo, S. M. Hu, J. M. Ai, C. Chen, C. M. Zhang, P. Zhang,
H. X. Yin, W. B. Shi

Measurers D. F. Guo, W. S. Shang, Q. T. Gao

1.0-m $f/8.0$ reflector + CCD

UCAC-2

[226, 71, 1, 2009/10/09–2009/10/20]*

D90 RAS Observatory, Moorook

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil
[cjacqueslf@yahoo.com.br] (23)

B. Conklin, no details suppld [bpconklin@charter.net] (26)

K. Hills, 2 Brindley Brae, Kinver, DY7 6LR, England [kinverhills@aol.com] (30)

E. Bryssinck, Eyckensbeekstraat 2, B-9150 Kruibeke, Belgium

[erik.bryssinck@telenet.be] (31)

Observers E. Bryssinck, K. Hills, H. Sato, C. Jacques, E. Pimentel, B. Conklin

0.41-m $f/9$ Ritchey-Chrétien + CCD, 0.14-m $f/7$ refractor + CCD

USNO-B1.0, NOMAD, UCAC-2

{23} *[17, 6, 0*, 2009/10/15–2009/10/25]*

{26} *[10, 5, 0*, 2009/10/17–2009/10/18]*

{30} *[41, 9, 0*, 2009/10/04–2009/10/27]*

{31} *[4, 1, 0*, 2009/09/19]*

E10 Siding Spring-Faulkes Telescope South

P. Roche, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB, Wales
[info@faulkes-telescope.com]

Observer R. Miles

2.0-m $f/10.0$ Ritchey-Chrétien + CCD

USNO-B1.0

[141, 18, 0, 2009/10/07–2009/10/23]*

E12 Siding Spring Survey

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

Observers R. H. McNaught, G. J. Garradd

0.5-m Uppsala Schmidt + CCD

UCAC-2

[19528, 4445, 52, 2004/06/17–2009/10/30]*

E16 Grove Creek Observatory, Trunkey

A. Mattingly, 2 Silex Road, Mosman, NSW 2088, Australia

[andrew@mattingly.com]

Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann

0.35-m $f/6$ reflector + CCD, 0.30-m $f/6$ reflector + CCD

USNO-B1.0, UCAC-2

[19, 3, 0, 2009/10/20–2009/10/23]*

E17 Leura

J. Oey, 94 Rawson Pde., Leura, NSW 2780, Australia

[julianoey1@optusnet.com.au]

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

UCAC-2

[6, 2, 0, 2004/07/16–2009/10/21]*

E85 Farm Cove

J. McCormick, 2/4 Rapallo Place, Farm Cove, Pakuranga, Auckland, New Zealand

[farmcoveobs@extra.co.nz]

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

UCAC-2, USNO-A2.0

[23, 5, 0, 2009/10/11–2009/10/25]*

F59 Ironwood Remote Observatory, Hawaii

K. Archer, Ironwood Remote Observatory, 59-495 Hoalike Road, Haleiwa HI,
U.S.A. [kenarcher@ironwoodobservatory.com]

Observers K. Archer, V. Reddy, R. Archer

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

USNO-B1.0

[15, 5, 0, 2009/10/14–2009/10/17]*

F65 Haleakala-Faulkes Telescope North

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England

[rmiles@baa.u-net.com] (6)

P. Roche, FT Project, School of Physics and Astronomy, Cardiff University,
Cardiff, Wales [info@faulkes-telescope.com] (7)

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy

[marco.bs@tiscali.it] (9)

Observers R. Miles, M. Metzendorf, L. Kurtze, G. Privett, M. Micheli

2.0-m $f/10.0$ Ritchey-Chrétien + CCD

CMC, USNO-B1.0

{6} *[173, 41, 2*, 2009/09/29–2009/10/23]*

{7} *[7, 3, 0*, 2009/10/02–2009/10/16]*

{9} *[10, 4, 0*, 2009/10/23]*

F84 Hibiscus Observatory, Punaauia

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

[ateamo@mail.pf]

0.35-m $f/2.0$ Schmidt + CCD

UCAC-2

[230, 47, 14*, 2008/08/04–2009/10/26]

F85 Tiki Observatory, Punaauia

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

[ateamo@mail.pf]

0.41-m $f/8.0$ Ritchey-Chrétien + CCD

UCAC-2

[182, 44, 5*, 2008/09/02–2009/10/28]

G55 Bakersfield

R. Hollar, 1314 Laity Court, Bakersfield, CA 93306, U.S.A.

[rhollar@sbcglobal.net]

0.20-m Schmidt-Cassegrain + CCD

USNO-B1.0

[19, 3, 0*, 2009/10/04–2009/10/15]

G56 Walnut Creek

G. McKeegan, 1760 First Ave., Walnut Creek, CA 94597, U.S.A.

[geraldspace@earthlink.net]

0.28-m Schmidt-Cassegrain + CCD + $f/6.2$ focal reducer

USNO-B1.0

[22, 7, 0*, 2009/10/01–2009/10/23]

G58 Chabot Space and Science Center, Oakland

G. McKeegan, Chabot Space and Science Center, 10000 Skyline Blvd., Oakland,

CA 94619, U.S.A. [geraldspace@earthlink.net]

Observers G. McKeegan, C. Jung

0.9-m $f/8$ Cassegrain + CCD + $f/6.3$ focal reducer

USNO-B1.0

[28, 9, 0*, 2009/10/25–2009/10/26]

G68 Sierra Stars Observatory, Markleeville

R. Williams, 115 Chambers Lane, Markleeville, CA 96120, U.S.A.

[richw@sierrastars.com]

Observers M. Nicholson, W. G. Dillon, J. Burnett, K. Dankov, R. Matson

Measurers M. Nicholson, D. Wells, W. G. Dillon, R. Matson

0.61-m $f/10$ Cassegrain + CCD

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

[236, 57, 6*, 2009/09/15–2009/10/29]

G69 Thousand Oaks

J. W. Brinsfield, 5180 Via Capote, Thousand Oaks, CA 91320, U.S.A.

[jbrinsfi@gmail.com]

0.35-m $f/10$ Cassegrain + CCD

USNO-A2.0

[117, 15, 0*, 2009/10/02–2009/10/30]

G80 Sierra Remote Observatories, Auberry

P. Mortfield, Sierra Remote Observatories, Auberry, CA 93602, U.S.A.

[Paul@IndustrialStars.com]

0.4-m $f/8.9$ Ritchey-Chrétien + CCD

UNSO-B1.0

[8, 1, 1*, 2009/10/22–2009/10/26]

G84 Mount Lemmon SkyCenter

A. Block, no details supplied [ablock@as.arizona.edu]

0.6-m $f/7.8$ reflector + CCD

UCAC-2

[4, 1, 0*, 2009/04/03]

G89 Kachina Observatory, Flagstaff

J. Hobart, 975 Mesa Trail, Flagstaff, AZ 86001-9632, U.S.A.

[nova@uneedspeed.net]

0.36-m $f/11.2$ Schmidt-Cassegrain + CCD

UCAC-2

[231, 42, 4*, 2009/10/15–2009/10/24]

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

[3565, 904, 6*, 2009/09/25–2009/10/20]

G96 Mt. Lemmon Survey

E. Beshore, 1629 E. University Blvd., Tucson, AZ 85721-0092, U.S.A.

[ebeshore@lpl.arizona.edu]

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

R. A. Kowalski, E. Beshore

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

R. A. Kowalski, S. M. Larson

1.5-m reflector + CCD

UCAC-2

[196129, 36656, 3474*, 2004/10/15–2009/10/30]

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]

Observers K. Hoogetboom, L. A. Molnar

0.4-m $f/8$ Ritchey-Chrétien + CCD

USNO-A2.0

[8, 2, 0*, 2009/09/28]

H01 Magdalena Ridge Observatory, Socorro

W. H. Ryan, Magdalena Ridge Observatory, New Mexico Tech, Socorro, NM

87801, U.S.A. [bryan@nmt.edu]

Observers W. H. Ryan, E. V. Ryan

2.4-m $f/8.9$ reflector + CCD

USNO-B1.0

[417, 86, 1*, 2009/10/12–2009/10/27]

H05 Edmund Kline Observatory, Deer Trail

J. Gafford, 5471 Dillon St., Denver, CO 80239-6026, U.S.A. [joegafford@aol.com]

0.46-m $f/4.5$ reflector + CCD

UCAC-2

[6, 2, 0*, 2009/10/17]

H06 RAS Observatory, Mayhill

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

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

R. Ligustri, Circolo Astrofili Talmassons Observatory, Talmassons (UD), Italy
[rolando.ligustri@tin.it] (19)

N. Falla, 34 Orchard Road, Chessington, Surrey KT9 1AN, England
[n.falla@btopenworld.com] (20)

H. Sato, 46-2-401, Den-en-chofu, Ota-ku, Tokyo, Japan [pite@pc4.so-net.ne.jp]
(32)

M. Gerber, Department of Ichthyology, Biodiversity Research Center, University of
Kansas, Lawrence, KS 66045 [gerber.monique@gmail.com] (33)

B. Häusler, Albin-Joerg-Strasse 28, D-97222 Maidbronn, Germany
[bernhard.haeusler@t-online.de] (34)

Observers A. Lowe, H. Sato, M. Gerber, N. Falla, E. Guido, G. Sostero, T. Yusa,
M. Suzuki, E. Bryssinck, B. Häusler, P. Camilleri, M. Jäeger, E. Prosperi,
W. Vollmann, R. Ligustri

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

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

[9, 2, 0*, 2009/10/17–2009/10/19]

{14} [3, 1, 0*, 2009/10/23]

{19} [2, 1, 0*, 2009/10/24]

{20} [38, 14, 0*, 2009/09/16–2009/10/15]

{6} [414, 42, 33*, 2009/09/29–2009/10/28]

{32} [15, 5, 0*, 2009/10/06–2009/10/23]

{33} [5, 1, 0*, 2009/09/28]

{34} [20, 7, 0*, 2009/10/17]

H07 7300 Observatory, Cloudcroft

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada
[microplanet333@yahoo.com]

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

USNO-A2.0

[5, 2, 0*, 2007/01/14–2007/03/25]

H08 BlackBird Observatory, Cloudcroft

K. Levin, P.O. Box 137, Cloudcroft, NM 88317, U.S.A. [klevin57@gmail.com]

Observer K. Levin

Measurer N. Teamo

0.51-m $f/8.26$ Ritchey-Chrétien + CCD

UCAC-2

[51, 11, 3*, 2009/10/23–2009/10/27]

H10 Tzec Maun Observatory, Mayhill

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.
[ron@tzecmaun.org]

Observers E. Bryssinck, L. Elenin, D. Chestnov, S. Shurpakov, S. Plaksa,
V. Nevski, E. Schwab, A. Novichonok, F. Tozzi, J. Linder, K. Dankov,
S. Beck, A. Martin

Measurers E. Bryssinck, L. Elenin, S. Shurpakov, S. Plaksa, D. Chestnov,
V. Nevski, E. Schwab, A. Novichonok, F. Tozzi, J. Linder, K. Dankov,
S. Beck, A. Martin, A. Mimeev

0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.18-m $f/2.8$ reflector + CCD, 0.41-m
 $f/9.0$ Ritchey-Chrétien + CCD, 0.18-m $f/7.3$ refractor + CCD, 0.11-m $f/5$
astrograph + CCD

USNO-A2.0, UCAC-2, NOMAD, Tycho-2, USNO-B1.0, CMC, UCAC-3

[1749, 326, 46*, 2009/09/16–2009/10/28]

H11 Rodeo

S. G. Cullen, P.O. Box 54, Rodeo, NM 88056, U.S.A. [trluce001@verizon.net]

Observers F. Fratev, A. F. Macica

0.61-m $f/8$ Ritchey-Chrétien + CCD

USNO-A2.0, NOMAD, USNO-B1.0

[78, 22, 3*, 2009/08/27–2009/10/24]

H13 Lenomiya Observatory, Casa Grande

L. Martinez, 515 E. Barrus Place, Casa Grande, AZ, U.S.A. [kd7gmk@gmail.com]

0.27-m $f/2$ Schmidt-Cassegrain + CCD

USNO-A2.0

[23, 4, 0*, 2009/07/28–2009/10/16]

H23 Pear Tree Observatory, Valparaiso

T. Haugh, 361 Okaloosa Ave, Valparaiso, FL 32580, U.S.A. [haugh@valp.net]

0.25-m $f/5.4$ Newtonian reflector + CCD

USNO-B1.0

[28, 10, 0*, 2009/10/01–2009/10/21]

H26 Doc Greiner Research Observatory, Janesville

M. Mills, 3186 W. Danbury Drive, Janesville, WI, U.S.A. [mills@charter.net]

0.40-m $f/8$ Schmidt-Cassegrain + CCD

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

[47, 10, 0*, 2009/10/01–2009/10/19]

H36 Sandlot Observatory, Scranton

G. Hug, 964 W. 149th St., Scranton, KS 66537, U.S.A. [fast@nekaal.org]

0.56-m reflector + CCD

UCAC-2

[296, 65, 11*, 2009/08/21–2009/10/30]

H45 Arkansas Sky Obs., Petit Jean Mountain South

P. C. Sherrod, 73 Tanyard Springs Road, Petit Jean Mountain, Morrilton,
AR 72110, U.S.A. [drclay@tcworks.net]

0.51-m $f/4.3$ astrograph + CCD

UCAC-3

[169, 15, 0*, 2009/10/18–2009/10/25]

H47 Vicksburg

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

[charbell@bellsouth.net]

0.3-m $f/4.7$ Schmidt-Cassegrain + CCD

NOMAD

[16, 5, 0*, 2009/10/19–2009/10/21]

H53 Thompsonville

D. A. Birmingham, 5663 Green Meadow Rd., Thompsonville, IL 62890, U.S.A.
[dave@arksky.org]

0.31-m $f/3$ Schmidt-Cassegrain + CCD, 0.20-m $f/4.5$ reflector
UCAC-2

[12, 2, 0*, 2009/10/18]

H55 Astronomical Research Observatory, Charleston

R. Holmes, 7616 NCR 1800E, Charleston, IL 61920, U.S.A. [ari@mchsi.com]

Observers R. Holmes, K. Dankov

Measurers L. Trigoboff, B. King, J. Hunter, H. Devore, C. Ellis, R. Nunnery,

A. Vassallo, C. Dobson, B. Brooks, P. Lynch, A. Lucas, K. Dankov,

J. Nichols, L. Holt, I. Giles, C. Noel, T. Downing, E. Eppstein, J. Helmey,

S. Foglia, S. Gilmore, R. Holmes, L. Bowden

0.81-m $f/4.0$ astrograph + CCD, 0.61-m $f/4.5$ astrograph + CCD

USNO-B1.0, UCAC-2

[625, 129, 10*, 2007/04/20–2009/10/25]

H67 Stonegate Observatory, Ann Arbor

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

[garyvh2@att.net]

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

GSC-ACT

[4, 1, 0*, 2009/10/08]

H85 Silver Spring

K. Levin, 10712 Meadowhill Road, Silver Spring, MD 20901, U.S.A.

[klewin57@gmail.com]

Observer K. Levin

Measurer N. Teamo

0.45-m $f/7.25$ Ritchey-Chrétien + CCD

UCAC-2

[12, 4, 0*, 2009/10/26]

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

[barbieri@pd.astro.it] (1)

Measurers S. Magrin, S. Marchi, A. Miglioni

2.2-m reflector + CCD

USNO-A2.0

[17, 3, 0*, 2001/04/20–2003/02/05]

I10 Campo Catino Austral Obs., San Pedro de Atacama

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

[cao@campocatinobservatory.org]

Observers F. Mallia, A. Maury, F. Kugel, T. Noel, J. F. Soulier

Measurers F. Kugel, T. Noel, J. F. Soulier

0.4-m $f/8$ Ritchey-Chrétien + CCD

USNO-B1.0, GSC-ACT

[10, 2, 0*, 2009/10/21]

I16 IAA-AI Atacama, San Pedro de Atacama

J. L. Ortiz, Instituto de Astrofísica de Andalucía, P. O. Box 3004, E-18080

Granada, Spain [ortiz@iaa.es]

Observers J. L. Ortiz, N. Morales, I. de la Cueva, A. Maury

Measurer N. Morales, J. L. Ortiz

0.4-m $f/3.6$ reflector + CCD

UCAC-2

[111, 32, 0*, 2009/09/18–2009/09/25]

I19 Tanti

C. Colazo, El Gato Gris, 145 San Luis Street, Tanti, Argentina

[gatogristanti@gmail.com]

0.28-m $f/10$ Schmidt-Cassegrain + CCD + $f/3.3$ focal reducer

USNO-A2.0, UCAC-2

[33, 10, 0*, 2009/10/12–2009/10/18]

I20 Rio Cuarto

F. D. Mazzone, 1469 Achalay Street, AR-5800 Rio Cuarto, Argentina

[fmazzone@exa.unrc.edu.ar]

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

UCAC-2, UCAC-3

[77, 29, 0*, 2009/10/03–2009/10/29]

I32 Observatorio Beta Orionis, Rosario

F. Tifner, no details supplied [fernandotifner@frimecargentina.com.ar]

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

USNO-A2.0, UCAC-2, CMC

[6, 2, 0*, 2009/10/09–2009/10/26]

I36 Observatorio Los Campitos, Cañuelas

C. Ambrosioni P., Gorostiaga 2458, AR-1426 Ciudad de Buenos Aires, Argentina

[ambrosioniprosen@gmail.com]

0.20-m Newtonian reflector + CCD

UCAC-2

[11, 4, 0*, 2009/10/02–2009/10/18]

I99 Observatorio Blanquita, Vaciamadrid

F. Limon, Paseo Capa Negra, 6, B14, At B, E-28522 Rivas Vaciamadrid, Spain

[flimon@ea4su.org]

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

USNO-A2.0, CMC

[19, 6, 0*, 2009/09/25–2009/10/16]

J00 Segorbe

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

[obs_segorbe@ya.com]

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

UCAC-2

[12, 2, 0*, 2009/10/04–2009/10/10]

J01 Observatorio Cielo Profundo, Oviedo

J. J. Gonzalez, Alejandro Casona 1 4C, E-33013 Oviedo, Spain

[juanjosegd@telecable.es]

0.10-m $f/6.3$ refractor + CCD

CMC, USNO-B1.0

[12, 3, 0*, 2009/09/25–2009/09/27]

J02 Busot

R. Garcia, Apto. 1010, E-03111 Busot, Alicante, Spain [ruben@obrimed.es]

0.28-m $f/11$ Cassegrain + CCD

USNO-B1.0

[37, 10, 0*, 2009/09/23–2009/10/24]

J04 ESA Optical Ground Station, Tenerife

D. Koschny, European Space Agency ESA/ESTEC, Keplerlaan 1, NL-2201 AZ Noordwijk ZH, The Netherlands [Detlef.Koschny@esa.int]

Observers M. Busch, R. Kresken

1.0-m $f/4.4$ reflector + CCD

USNO-A2.0

[868, 253, 7*, 2009/09/10–2009/09/14]

J13 La Palma-Liverpool Telescope

D. Bowdley, National Schools' Observatory, Liverpool John Moores University, Astrophysics Research Institute, 12 Quays House, Egerton Wharf, Birkenhead, Wirral CH4 1LD, England (1)

Observer A. Newsam

Measurer D. Bowdley

2.0-m Ritchey-Chrétien + CCD

USNO-B1.0

{1} [89, 17, 0*, 2009/01/21–2009/10/23]

J14 La Corte

E. Ferra, 96 La Corte, E-35630 Antigua, Las Palmas de Gran Canaria, Canary Islands, Spain [deferrae@hotmail.com]

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

UCAC-2

[16, 4, 0*, 2009/09/29–2009/10/08]

J16 An Carraig Observatory, Loughinisland

K. Rooney, 73a Drumgooland Road, Loughinisland, Downpatrick, Northern Ireland [kieranprooney@yahoo.co.uk]

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

USNO-B1.0

[4, 2, 0*, 2009/10/16]

J19 El Maestrat

F. Peña C., Carretera Vistabella No. 6, Atzeneta del Maestrat, E-12132 Castellon de la plana, Spain [fepeci@ono.com]

0.15-m reflector + CCD

USNO-A2.0

[56, 14, 0*, 2009/10/04–2009/10/30]

J21 El Boalo

A. de la Hermosa, Calle Cañada no. 5, E-28413 El Boalo, Madrid, Spain [ANGELHL@telefonica.net]

0.35-m Schmidt-Cassegrain + CCD

UCAC-2

[3, 1, 0*, 2009/10/10]

J26 The Spaceguard Centre, Knighton

J. R. Tate, Llanshay Lane, Knighton, Powys LD7 1LW, Wales [mail@spaceguarduk.com]

0.35-m Schmidt-Cassegrain + CCD

USNO-A2.0

[64, 20, 0*, 2009/09/30–2009/10/17]

J27 El Guijo Observatory

A. San Segundo, 21 Onice Street, Galapagar, E-28360 Madrid, Spain [assdelgado@yahoo.es]

0.25-m Schmidt-Cassegrain + CCD

UCAC-2, CMC

[9, 3, 0*, 2009/10/03–2009/10/12]

J28 Jaen

J. J. Martín, C/Miguel Castillejo, 14-7, E-23008 Jaén, Spain

[jjmrsoft@telefonica.net]

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

CMC, UCAC-2

[47, 16, 0*, 2009/10/02–2009/10/29]

J35 Tucci Observatory, Martos

J. C. Millán, C/Río Guadalquivir, 12, E-23600 Martos (Jaén), Spain

[jc.millan@vodafone.es]

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

CMC

[9, 2, 0*, 2009/10/12–2009/10/24]

J38 Observatorio La Vara, Valdés

F. García, Observatorio La Vara, Valdés, Asturias, Spain

[faustino.garcia@gmail.com]

0.25-m $f/8.1$ reflector + CCD

CMC

[6, 1, 0*, 2009/10/26]

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

CMC, USNO-SA2.0

[19, 6, 0*, 2009/10/01–2009/10/24]

J47 Observatorio Nazaret

G. Muler, Los Mirlos 7, Nazaret, E-35530 Lanzarote, Spain

[gustavomuler@hotmail.com]

Observer G. Muler

Measurers G. Muler, J. M. Ruiz

0.30-m Schmidt-Cassegrain + CCD

CMC, USNO-A2.0

[487, 95, 12*, 2009/09/30–2009/10/30]

J51 Observatorio Atlante, Tenerife

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

[jahensan@gmail.com]

0.2-m $f/9$ Cassegrain + CCD

CMC, UCAC-2, UCAC-3

[47, 11, 0*, 2009/10/15–2009/10/28]

J53 Posadas

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

[Rafaelbenpal@hotmail.com]

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

CMC, UCAC-2, USNO-B1.0

[33, 11, 0*, 2009/10/11–2009/10/25]

J59 Observatorio Linceo, Santander

J. Temprano, Santa Lucia 48, E-39003 Santander, Spain [tempranj@unican.es]

0.25-m $f/3.3$ Schmidt-Cassegrain + CCD
CMC, UCAC-2

[8, 3, 0*, 2009/10/16–2009/10/17]

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

[8, 1, 0*, 2009/10/16–2009/10/17]

J75 OAM Observatory, La Sagra

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

Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez
0.45-m $f/2.8$ reflector + CCD, 0.40-m $f/10$ reflector + CCD
UCAC-2

[76415, 15827, 462*, 2008/07/29–2009/10/30]

J77 Golden Hill Observatory, Stourton Caundle

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England
[rmiles@baa.u-net.com]

0.28-m $f/9.4$ Schmidt-Cassegrain + CCD
CMC, USNO-B1.0

[6, 2, 0*, 2009/10/13–2009/10/17]

J87 La Cañada

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

0.40-m Ritchey-Chrétien + CCD
UCAC-2

[40, 10, 3*, 2009/10/16–2009/10/18]

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
CMC

[12, 2, 0*, 2009/10/11–2009/10/12]

J94 Abbeydale

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

0.3-m $f/4.0$ Schmidt-Cassegrain + CCD
USNO-B1.0

[24, 8, 0*, 2009/10/11–2009/10/28]

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, USNO-B1.0

[336, 74, 1*, 2009/09/30–2009/10/28]

J96 Observatorio de Cantabria

J. Temprano, Observatorio de Cantabria, Valderredible, Cantabria, Spain
[tempranj@ono.com]

Observer J. Ruiz

Measurers J. Curto, J. Temprano

0.40-m $f/5$ Ritchey-Chrétien + CCD
CMC

[6, 1, 0*, 2009/10/18–2009/10/19]

ORBITAL ELEMENTS

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

N. Falla, 34 Orchard Road, Chessington, Surrey KT9 1AN, England
[n.falla@btopenworld.com]

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

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

S. Keys, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [skeys@cfa.harvard.edu]

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

MPCMEL (entirely automated processing on MPC computer MELETE)

C/1997 S4 (SOHO)

T	1997 Sept. 29.49 TT		MPC	
q	0.0073	(2000.0)	P	Q
	ω	155.80	+0.25829	+0.79518
	Ω	124.16	−0.95866	+0.28117
e	1.0	i	41.53	−0.11942
				−0.53724

From 5 observations 1997 Sept. 29.

C/2001 Q7 (SOHO)

T	2001 Aug. 21.84 TT		MPC	
q	0.0420	(2000.0)	P	Q
	ω	62.51	−0.16472	−0.97506
	Ω	37.92	+0.79784	−0.22038
e	1.0	i	14.01	+0.57993
				+0.02624

From 6 observations 2001 Aug. 21.

C/2001 Q8 (SOHO)

T	2001 Aug. 24.83 TT		MPC	
q	0.0440	(2000.0)	P	Q
	ω	58.67	−0.19347	−0.96776
	Ω	43.44	+0.80151	−0.25069
e	1.0	i	13.56	+0.56581
				+0.02421

From 10 observations 2001 Aug. 24–25.

C/2002 Q6 (SOHO)

<i>T</i>	2002 Aug. 23.67 TT			MPC	
<i>q</i>	0.0101	(2000.0)	P	Q	
	ω	85.02	+0.01129	−0.57823	
	Ω	54.76	−0.30561	−0.77881	
<i>e</i>	1.0	<i>i</i>	+0.95209	−0.24313	
From 5 observations 2002 Aug. 23.					

C/2002 Q8 (SOHO)

<i>T</i>	2002 Aug. 25.93 TT			MPC	
<i>q</i>	0.0500	(2000.0)	P	Q	
	ω	50.98	−0.22703	−0.95638	
	Ω	53.12	+0.80734	−0.29040	
<i>e</i>	1.0	<i>i</i>	+0.54467	+0.03182	
From 18 observations 2002 Aug. 26.					

C/2002 Q9 (SOHO)

<i>T</i>	2002 Aug. 19.40 TT			MPC	
<i>q</i>	0.0301	(2000.0)	P	Q	
	ω	203.30	−0.71641	+0.68371	
	Ω	21.81	−0.56676	−0.45424	
<i>e</i>	1.0	<i>i</i>	−0.40687	−0.57114	
From 26 observations 2002 Aug. 19.					

C/2002 R4 (SOHO)

<i>T</i>	2002 Sept. 3.31 TT			MPC	
<i>q</i>	0.0486	(2000.0)	P	Q	
	ω	22.15	−0.16216	−0.86603	
	Ω	79.85	+0.81790	−0.38611	
<i>e</i>	1.0	<i>i</i>	+0.55204	+0.31766	
From 44 observations 2002 Sept. 3.					

C/2002 S5 (SOHO)

<i>T</i>	2002 Sept. 19.32 TT			MPC	
<i>q</i>	0.0478	(2000.0)	P	Q	
	ω	52.23	−0.19154	−0.96450	
	Ω	49.82	+0.80897	−0.26004	
<i>e</i>	1.0	<i>i</i>	+0.55577	+0.04611	
From 14 observations 2002 Sept. 19.					

P/2008 T1 (Boattini)

Epoch 2008 Feb. 24.0 TT = JDT 2454520.5					
<i>T</i>	2008 Feb. 26.3310 TT			MPC	
<i>q</i>	3.042786	(2000.0)	P	Q	
<i>n</i>	0.1131261	ω	+0.8441309	+0.5350733	
<i>a</i>	4.234097	Ω	−0.4999778	+0.7629041	
<i>e</i>	0.281361	<i>i</i>	−0.1935596	+0.3628690	
<i>P</i>	8.71				
From 230 observations 2008 Sept. 2–2009 Oct. 16, mean residual 0 ^{''} .6.					

P/2009 Q4 (Boattini)

Epoch 2009 Nov. 25.0 TT = JDT 2455160.5					
<i>T</i>	2009 Nov. 19.9298 TT			MPC	
<i>q</i>	1.320785	(2000.0)	P	Q	
<i>n</i>	0.1774136	ω	+0.0310551	−0.9881050	
<i>a</i>	3.136737	Ω	+0.9587836	−0.0131300	
<i>e</i>	0.578930	<i>i</i>	+0.2824351	+0.1532193	
<i>P</i>	5.56				
From 166 observations 2009 Aug. 26–Oct. 29, mean residual 0 ^{''} .6.					

P/2009 Q5 (McNaught)

Epoch 2009 Sept. 6.0 TT = JDT 2455080.5					
<i>T</i>	2009 Sept. 8.5437 TT			MPC	
<i>q</i>	2.918523	(2000.0)	P	Q	
<i>n</i>	0.0482946	ω	+0.9459961	−0.2358088	
<i>a</i>	7.467985	Ω	+0.1742671	+0.9485369	
<i>e</i>	0.609195	<i>i</i>	−0.2733541	−0.2113575	
<i>P</i>	20.4				
From 236 observations 2009 Aug. 31–Oct. 20, mean residual 0 ^{''} .5.					

P/2009 QG₃₁ (La Sagra)

Epoch 2009 Oct. 16.0 TT = JDT 2455120.5					
<i>T</i>	2009 Oct. 10.4297 TT			MPC	
<i>q</i>	2.147850	(2000.0)	P	Q	
<i>n</i>	0.1458511	ω	+0.9906249	+0.1349974	
<i>a</i>	3.574344	Ω	−0.1286799	+0.8706557	
<i>e</i>	0.399092	<i>i</i>	−0.0458682	+0.4730057	
<i>P</i>	6.76				
From 116 observations 2009 Aug. 16–Oct. 25, mean residual 0 ^{''} .5.					

P/2009 S1 (Gibbs)

<i>T</i>	2009 Aug. 4.1054 TT			MPC	
<i>q</i>	2.440120	(2000.0)	P	Q	
<i>n</i>	0.1267943	ω	+0.9008695	−0.4015146	
<i>a</i>	3.924066	Ω	+0.4044076	+0.9144176	
<i>e</i>	0.378165	<i>i</i>	−0.1577616	+0.0512493	
<i>P</i>	7.77				
From 84 observations 2009 Sept. 20–Oct. 30.					

C/2009 S3 (Lemmon)

<i>T</i>	2011 Dec. 10.343 TT			MPC	
<i>q</i>	6.48092	(2000.0)	P	Q	
	ω	129.636	+0.719811	+0.320122	
	Ω	225.114	−0.098051	+0.925309	
<i>e</i>	1.0	<i>i</i>	+0.687211	−0.203285	
From 37 observations 2009 Sept. 24–Oct. 25.					

P/2009 SK₂₈₀ (Spacewatch-Hill)

<i>T</i>	2009 May 30.5343 TT			MPC	
<i>q</i>	4.207578	(2000.0)	P	Q	
<i>n</i>	0.0945781	ω	+0.9823151	−0.0739157	
<i>a</i>	4.770996	Ω	+0.1634152	+0.7869255	
<i>e</i>	0.118092	<i>i</i>	−0.0913918	+0.6126048	
<i>P</i>	10.4				
From 42 observations 2009 Sept. 17–Oct. 19.					

C/2009 T1 (McNaught)

<i>T</i>	2009 Oct. 2.154 TT		MPC	
<i>q</i>	6.23039	(2000.0)	P	Q
	ω	281.970	+0.122013	+0.570860
	Ω	54.285	+0.543011	+0.646364
<i>e</i>	1.0	<i>i</i>	89.932	−0.830814
				+0.506293

From 30 observations 2009 Oct. 9–18.

P/2009 T2 (La Sagra)

<i>T</i>	2010 Jan. 12.8222 TT		MPC	
<i>q</i>	1.754697	(2000.0)	P	Q
<i>n</i>	0.0471953	ω	215.4601	+0.3583614
<i>a</i>	7.583510	Ω	215.9868	−0.8916186
<i>e</i>	0.768617	<i>i</i>	28.0988	+0.9277268
<i>P</i>	20.9			+0.3732579
				+0.1044035
				−0.2563099

From 324 observations 2009 Sept. 18–Oct. 29.

C/2009 T3 (LINEAR)

<i>T</i>	2010 Jan. 12.022 TT		MPC	
<i>q</i>	2.28134	(2000.0)	P	Q
	ω	32.435	+0.818251	+0.358015
	Ω	60.094	+0.350808	−0.930799
<i>e</i>	1.0	<i>i</i>	148.744	+0.455411
				+0.073748

From 103 observations 2009 Oct. 14–29.

C/2009 U1 (Garradd)

<i>T</i>	2010 July 7.819 TT		MPC	
<i>q</i>	2.96357	(2000.0)	P	Q
	ω	6.404	+0.348228	−0.372358
	Ω	67.196	+0.813333	−0.336274
<i>e</i>	1.0	<i>i</i>	68.944	+0.466077
				+0.865025

From 6 observations 2009 Oct. 17–18.

C/2009 U3 (Hill)

<i>T</i>	2010 Mar. 19.982 TT		MPC	
<i>q</i>	1.41439	(2000.0)	P	Q
	ω	77.621	−0.322015	−0.737878
	Ω	49.331	+0.209315	−0.666520
<i>e</i>	1.0	<i>i</i>	51.447	+0.923306
				−0.106243

From 101 observations 2009 Oct. 21–29.

P/2009 U4 (McNaught)

<i>T</i>	2009 Sept. 11.164 TT		MPC	
<i>q</i>	1.67495	(2000.0)	P	Q
<i>n</i>	0.058323	ω	261.923	+0.710010
<i>a</i>	6.58532	Ω	54.361	−0.555797
<i>e</i>	0.74565	<i>i</i>	10.218	+0.674238
<i>P</i>	16.9			−0.432406
				+0.265150

From 32 observations 2009 Oct. 11–24.

C/2009 U5 (Grauer)

<i>T</i>	2010 May 6.915 TT		MPC	
<i>q</i>	6.18018	(2000.0)	P	Q
	ω	19.408	−0.745173	−0.557652
	Ω	121.167	+0.541315	−0.826093
<i>e</i>	1.0	<i>i</i>	25.302	+0.389482
				+0.081210

From 32 observations 2009 Oct. 23–29.

P/2009 U6 (LINEAR)

<i>T</i>	2009 Aug. 11.839 TT		MPC	
<i>q</i>	1.51357	(2000.0)	P	Q
<i>n</i>	0.134518	ω	311.110	+0.415323
<i>a</i>	3.77239	Ω	112.915	−0.879215
<i>e</i>	0.59878	<i>i</i>	14.680	+0.891969
<i>P</i>	7.33			+0.343225
				+0.178598
				+0.330421

From 29 observations 2009 Oct. 19–30.

127P/Holt-Olmstead

Epoch 2009 Oct. 16.0 TT = JDT 2455120.5

<i>T</i>	2009 Oct. 21.3626 TT		MPC	
<i>q</i>	2.195708	(2000.0)	P	Q
<i>n</i>	0.1542285	ω	6.5393	+0.9391879
<i>a</i>	3.443708	Ω	13.6843	−0.3383810
<i>e</i>	0.362400	<i>i</i>	14.3215	+0.3027991
<i>P</i>	6.39			+0.7356420
				+0.1619841
				+0.5867956

From 373 observations 1990–2009, mean residual 0″.6. Nongravitational parameters
 $A_1 = +0.26$, $A_2 = -0.0093$.**228P/LINEAR**

Epoch 2011 Aug. 27.0 TT = JDT 2455800.5

<i>T</i>	2011 Aug. 23.8426 TT		MPC	
<i>q</i>	3.430474	(2000.0)	P	Q
<i>n</i>	0.1157764	ω	114.7934	−0.8232024
<i>a</i>	4.169231	Ω	31.0663	−0.5632830
<i>e</i>	0.177193	<i>i</i>	7.9154	+0.4583837
<i>P</i>	8.51			+0.3349957
				−0.3808488

From 124 observations 2001–2009, 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*.

(221946) 1990 KL ₁	1990 05 21	691	Spacewatch
(221947) 1992 DW ₉	1992 02 29	809	UESAC
(221948) 1993 FO ₅₉	1993 03 19	809	UESAC
(221949) 1993 SJ ₉	1993 09 22	809	Debehogne, H., Elst, E. W.
(221950) 1993 TF ₁₅	1993 10 09	809	Elst, E. W.
(221951) 1993 TZ ₃₃	1993 10 09	809	Elst, E. W.
(221952) 1994 PU ₁₅	1994 08 10	809	Elst, E. W.

(221953) 1994 TC ₁₃	1994 10 10	691	Spacewatch	(222005) 1998 QA ₅₉	1998 08 26	691	Spacewatch
(221954) 1994 VA ₅	1994 11 05	691	Spacewatch	(222006) 1998 QJ ₅₉	1998 08 26	691	Spacewatch
(221955) 1995 CD ₈	1995 02 02	691	Spacewatch	(222007) 1998 QX ₅₉	1998 08 26	691	Spacewatch
(221956) 1995 FW ₅	1995 03 23	691	Spacewatch	(222008) 1998 QQ ₆₃	1998 08 31	704	LINEAR
(221957) 1995 FZ ₁₉	1995 03 31	691	Spacewatch	(222009) 1998 QO ₇₀	1998 08 24	704	LINEAR
(221958) 1995 MQ ₆	1995 06 28	691	Spacewatch	(222010) 1998 QY ₉₅	1998 08 19	704	LINEAR
(221959) 1995 OP ₁₅	1995 07 26	691	Spacewatch	(222011) 1998 RP	1998 09 09	910	ODAS
(221960) 1995 SZ ₉	1995 09 17	691	Spacewatch	(222012) 1998 RY ₂	1998 09 13	691	Spacewatch
(221961) 1995 SY ₂₆	1995 09 19	691	Spacewatch	(222013) 1998 RF ₄₅	1998 09 14	704	LINEAR
(221962) 1995 SQ ₃₂	1995 09 21	691	Spacewatch	(222014) 1998 SL ₅	1998 09 16	691	Spacewatch
(221963) 1995 SY ₃₅	1995 09 23	691	Spacewatch	(222015) 1998 SB ₇	1998 09 20	691	Spacewatch
(221964) 1995 SF ₃₇	1995 09 24	691	Spacewatch	(222016) 1998 SO ₇	1998 09 20	691	Spacewatch
(221965) 1995 SA ₃₉	1995 09 24	691	Spacewatch	(222017) 1998 SN ₃₉	1998 09 23	691	Spacewatch
(221966) 1995 SW ₄₀	1995 09 25	691	Spacewatch	(222018) 1998 SU ₄₁	1998 09 25	691	Spacewatch
(221967) 1995 SU ₆₂	1995 09 25	691	Spacewatch	(222019) 1998 ST ₄₄	1998 09 24	691	Spacewatch
(221968) 1995 SF ₇₅	1995 09 19	691	Spacewatch	(222020) 1998 SK ₄₆	1998 09 25	691	Spacewatch
(221969) 1995 US ₂₀	1995 10 19	691	Spacewatch	(222021) 1998 SS ₄₈	1998 09 27	691	Spacewatch
(221970) 1995 UH ₂₂	1995 10 19	691	Spacewatch	(222022) 1998 SV ₅₀	1998 09 26	691	Spacewatch
(221971) 1995 UN ₂₂	1995 10 19	691	Spacewatch	(222023) 1998 SV ₆₃	1998 09 20	809	Elst, E. W.
(221972) 1995 UT ₂₂	1995 10 19	691	Spacewatch	(222024) 1998 SZ ₇₆	1998 09 26	704	LINEAR
(221973) 1995 UQ ₅₅	1995 10 22	691	Spacewatch	(222025) 1998 SF ₇₇	1998 09 26	704	LINEAR
(221974) 1995 VV ₄	1995 11 14	691	Spacewatch	(222026) 1998 SX ₁₀₆	1998 09 26	704	LINEAR
(221975) 1995 VK ₉	1995 11 14	691	Spacewatch	(222027) 1998 SK ₁₁₃	1998 09 26	704	LINEAR
(221976) 1995 VL ₁₁	1995 11 15	691	Spacewatch	(222028) 1998 SW ₁₄₈	1998 09 26	704	LINEAR
(221977) 1995 WG ₁	1995 11 16	360	Nakamura, A.	(222029) 1998 SA ₁₅₄	1998 09 26	704	LINEAR
(221978) 1995 WJ ₁₆	1995 11 17	691	Spacewatch	(222030) 1998 SF ₁₅₆	1998 09 26	704	LINEAR
(221979) 1995 WA ₂₇	1995 11 18	691	Spacewatch	(222031) 1998 SP ₁₅₈	1998 09 26	704	LINEAR
(221980) 1996 EO	1996 03 15	566	NEAT	(222032) 1998 SW ₁₇₂	1998 09 19	645	Sloan Digital Sky Survey
(221981) 1996 EB ₁₃	1996 03 11	691	Spacewatch	(222033) 1998 TE ₂	1998 10 13	910	ODAS
(221982) 1996 GW ₄	1996 04 11	691	Spacewatch	(222034) 1998 TW ₂	1998 10 13	910	ODAS
(221983) 1996 PJ ₂	1996 08 12	816	Viscome, G. R.	(222035) 1998 TM ₉	1998 10 12	691	Spacewatch
(221984) 1996 XU ₂₁	1996 12 08	691	Spacewatch	(222036) 1998 TA ₁₂	1998 10 13	691	Spacewatch
(221985) 1997 BR ₅	1997 01 31	684	Comba, P. G.	(222037) 1998 TC ₁₂	1998 10 13	691	Spacewatch
(221986) 1997 CR ₂	1997 02 02	691	Spacewatch	(222038) 1998 TB ₂₀	1998 10 13	691	Spacewatch
(221987) 1997 CS ₁₂	1997 02 03	691	Spacewatch	(222039) 1998 TM ₂₀	1998 10 13	691	Spacewatch
(221988) 1997 EE ₂₄	1997 03 05	691	Spacewatch	(222040) 1998 TT ₂₃	1998 10 14	691	Spacewatch
(221989) 1997 GV ₁	1997 04 07	691	Spacewatch	(222041) 1998 UZ ₂	1998 10 20	910	ODAS
(221990) 1997 GP ₁₈	1997 04 03	704	LINEAR	(222042) 1998 UH ₉	1998 10 16	691	Spacewatch
(221991) 1997 GB ₂₁	1997 04 06	704	LINEAR	(222043) 1998 UM ₁₂	1998 10 18	691	Spacewatch
(221992) 1997 LL ₅	1997 06 08	691	Spacewatch	(222044) 1998 UR ₃₀	1998 10 18	809	Elst, E. W.
(221993) 1997 MM ₇	1997 06 27	691	Spacewatch	(222045) 1998 UH ₃₇	1998 10 28	704	LINEAR
(221994) 1997 PT ₄	1997 08 11	620	Lopez, A., Pacheco, R.	(222046) 1998 UG ₄₄	1998 10 16	691	Spacewatch
(221995) 1997 TT ₂₁	1997 10 04	691	Spacewatch	(222047) 1998 UE ₄₇	1998 10 24	691	Spacewatch
(221996) 1997 YN ₁	1997 12 19	327	Beijing Schmidt CCD Asteroid Program	(222048) 1998 UG ₅₀	1998 10 28	691	Spacewatch
(221997) 1998 AD ₁	1998 01 01	691	Spacewatch	(222049) 1998 UT ₅₀	1998 10 18	691	Spacewatch
(221998) 1998 DL ₂₉	1998 02 28	691	Spacewatch	(222050) 1998 VC ₂	1998 11 09	910	ODAS
(221999) 1998 EE ₁₈	1998 03 03	809	Elst, E. W.	(222051) 1998 VW ₃	1998 11 10	910	ODAS
(222000) 1998 FL ₁₃₇	1998 03 28	704	LINEAR	(222052) 1998 VS ₁₄	1998 11 10	704	LINEAR
(222001) 1998 HU	1998 04 17	691	Spacewatch	(222053) 1998 VR ₅₅	1998 11 11	704	LINEAR
(222002) 1998 HN ₁₀	1998 04 17	691	Spacewatch	(222054) 1998 WS ₂	1998 11 17	910	ODAS
(222003) 1998 HQ ₈₃	1998 04 21	704	LINEAR	(222055) 1998 WF ₃	1998 11 18	888	Kagawa, T.
(222004) 1998 MF ₁₇	1998 06 27	691	Spacewatch	(222056) 1998 WK ₂₄	1998 11 18	695	Buie, M. W.

(222057)	1998	WS ₂₅	1998 11 16	691	Spacewatch
(222058)	1998	WE ₃₆	1998 11 19	691	Spacewatch
(222059)	1998	WQ ₃₇	1998 11 21	691	Spacewatch
(222060)	1998	WA ₃₉	1998 11 21	691	Spacewatch
(222061)	1998	XN ₅	1998 12 08	691	Spacewatch
(222062)	1998	XC ₆	1998 12 08	691	Spacewatch
(222063)	1998	XK ₆	1998 12 08	691	Spacewatch
(222064)	1998	XO ₈	1998 12 12	691	Spacewatch
(222065)	1998	XZ ₂₂	1998 12 11	691	Spacewatch
(222066)	1998	XM ₅₉	1998 12 15	704	LINEAR
(222067)	1999	AJ ₁₀	1999 01 14	703	CSS
(222068)	1999	EH ₁₅	1999 03 06	691	Spacewatch
(222069)	1999	FP ₈₄	1999 03 21	645	Sloan Digital Sky Survey
(222070)	1999	GV ₁₁	1999 04 11	691	Spacewatch
(222071)	1999	GR ₁₂	1999 04 12	691	Spacewatch
(222072)	1999	GT ₆₀	1999 04 15	704	LINEAR
(222073)	1999	HY ₁	1999 04 20	704	LINEAR
(222074)	1999	JO ₂₈	1999 05 10	704	LINEAR
(222075)	1999	JX ₁₀₁	1999 05 13	704	LINEAR
(222076)	1999	KM ₂	1999 05 16	691	Spacewatch
(222077)	1999	KK ₇	1999 05 17	704	LINEAR
(222078)	1999	KR ₁₁	1999 05 18	704	LINEAR
(222079)	1999	NE ₄₃	1999 07 13	704	LINEAR
(222080)	1999	RH ₈₁	1999 09 07	704	LINEAR
(222081)	1999	RL ₉₀	1999 09 07	704	LINEAR
(222082)	1999	RM ₉₁	1999 09 07	704	LINEAR
(222083)	1999	RB ₁₀₆	1999 09 08	704	LINEAR
(222084)	1999	RP ₁₃₁	1999 09 09	704	LINEAR
(222085)	1999	RD ₁₅₉	1999 09 09	704	LINEAR
(222086)	1999	RP ₁₇₈	1999 09 09	704	LINEAR
(222087)	1999	RG ₂₁₈	1999 09 04	699	LONEOS
(222088)	1999	TR ₄₄	1999 10 03	691	Spacewatch
(222089)	1999	TQ ₄₆	1999 10 04	691	Spacewatch
(222090)	1999	TM ₅₀	1999 10 04	691	Spacewatch
(222091)	1999	TG ₅₁	1999 10 04	691	Spacewatch
(222092)	1999	TT ₁₁₂	1999 10 04	704	LINEAR
(222093)	1999	TU ₁₂₉	1999 10 06	704	LINEAR
(222094)	1999	TP ₁₃₃	1999 10 06	704	LINEAR
(222095)	1999	TG ₁₄₁	1999 10 06	704	LINEAR
(222096)	1999	TX ₁₅₄	1999 10 15	704	LINEAR
(222097)	1999	TU ₁₅₇	1999 10 09	704	LINEAR
(222098)	1999	TG ₁₆₇	1999 10 10	704	LINEAR
(222099)	1999	TK ₁₇₀	1999 10 10	704	LINEAR
(222100)	1999	TH ₁₇₇	1999 10 10	704	LINEAR
(222101)	1999	TR ₂₀₄	1999 10 13	704	LINEAR
(222102)	1999	TA ₂₀₆	1999 10 13	704	LINEAR
(222103)	1999	TC ₂₀₈	1999 10 14	704	LINEAR
(222104)	1999	TU ₂₅₃	1999 10 10	704	LINEAR
(222105)	1999	TC ₂₅₄	1999 10 11	691	Spacewatch
(222106)	1999	TO ₂₅₇	1999 10 09	704	LINEAR
(222107)	1999	TG ₂₆₉	1999 10 03	704	LINEAR
(222108)	1999	TU ₂₈₅	1999 10 10	704	LINEAR

(222109)	1999	TT ₂₉₉	1999 10 02	691	Spacewatch
(222110)	1999	UW ₁₁	1999 10 29	691	Spacewatch
(222111)	1999	UG ₁₂	1999 10 31	691	Spacewatch
(222112)	1999	UZ ₁₇	1999 10 30	691	Spacewatch
(222113)	1999	US ₁₉	1999 10 30	691	Spacewatch
(222114)	1999	UY ₂₁	1999 10 31	691	Spacewatch
(222115)	1999	UL ₂₈	1999 10 31	691	Spacewatch
(222116)	1999	UF ₂₉	1999 10 31	691	Spacewatch
(222117)	1999	UQ ₃₁	1999 10 31	691	Spacewatch
(222118)	1999	UH ₃₇	1999 10 16	691	Spacewatch
(222119)	1999	US ₃₇	1999 10 16	691	Spacewatch
(222120)	1999	UF ₄₇	1999 10 29	703	CSS
(222121)	1999	VC ₅₁	1999 11 03	704	LINEAR
(222122)	1999	VZ ₅₅	1999 11 04	704	LINEAR
(222123)	1999	VG ₆₄	1999 11 04	704	LINEAR
(222124)	1999	VZ ₆₄	1999 11 04	704	LINEAR
(222125)	1999	VO ₇₆	1999 11 05	691	Spacewatch
(222126)	1999	VE ₈₀	1999 11 04	704	LINEAR
(222127)	1999	VJ ₈₀	1999 11 04	704	LINEAR
(222128)	1999	VD ₈₆	1999 11 04	704	LINEAR
(222129)	1999	VM ₉₃	1999 11 09	704	LINEAR
(222130)	1999	VX ₉₃	1999 11 09	704	LINEAR
(222131)	1999	VT ₁₀₄	1999 11 09	704	LINEAR
(222132)	1999	VV ₁₀₄	1999 11 09	704	LINEAR
(222133)	1999	VV ₁₀₅	1999 11 09	704	LINEAR
(222134)	1999	VK ₁₁₂	1999 11 09	704	LINEAR
(222135)	1999	VH ₁₂₃	1999 11 05	691	Spacewatch
(222136)	1999	VG ₁₂₆	1999 11 09	691	Spacewatch
(222137)	1999	VP ₁₄₅	1999 11 09	704	LINEAR
(222138)	1999	VH ₁₅₀	1999 11 14	704	LINEAR
(222139)	1999	VQ ₁₅₀	1999 11 14	704	LINEAR
(222140)	1999	VR ₁₅₁	1999 11 14	704	LINEAR
(222141)	1999	VP ₂₀₉	1999 11 14	691	Spacewatch
(222142)	1999	VY ₂₁₂	1999 11 12	704	LINEAR
(222143)	1999	WJ ₁₄	1999 11 28	691	Spacewatch
(222144)	1999	WA ₁₅	1999 11 29	691	Spacewatch
(222145)	1999	XV ₁₄	1999 12 06	704	LINEAR
(222146)	1999	XD ₄₉	1999 12 07	704	LINEAR
(222147)	1999	XD ₅₆	1999 12 07	704	LINEAR
(222148)	1999	XW ₆₂	1999 12 07	704	LINEAR
(222149)	1999	XA ₆₆	1999 12 07	704	LINEAR
(222150)	1999	XK ₁₃₃	1999 12 12	704	LINEAR
(222151)	1999	XP ₁₄₃	1999 12 15	704	LINEAR
(222152)	1999	XG ₁₈₄	1999 12 12	704	LINEAR
(222153)	1999	XT ₁₈₈	1999 12 12	704	LINEAR
(222154)	1999	XQ ₂₁₁	1999 12 13	704	LINEAR
(222155)	1999	XL ₂₂₆	1999 12 14	691	Spacewatch
(222156)	1999	XD ₂₆₁	1999 12 08	704	LINEAR
(222157)	1999	YC ₄	1999 12 19	704	LINEAR
(222158)	1999	YL ₁₀	1999 12 27	691	Spacewatch
(222159)	2000	AD ₉	2000 01 02	704	LINEAR
(222160)	2000	AT ₁₀	2000 01 03	704	LINEAR

(222161)	2000 AP ₂₃	2000 01 03	704	LINEAR	(222213)	2000 EO ₁₀₀	2000 03 12	691	Spacewatch
(222162)	2000 AD ₃₀	2000 01 03	704	LINEAR	(222214)	2000 ET ₁₀₁	2000 03 14	691	Spacewatch
(222163)	2000 AB ₅₅	2000 01 04	704	LINEAR	(222215)	2000 ES ₁₂₁	2000 03 11	703	CSS
(222164)	2000 AM ₆₅	2000 01 04	704	LINEAR	(222216)	2000 EB ₁₆₀	2000 03 03	704	LINEAR
(222165)	2000 AX ₉₃	2000 01 05	704	LINEAR	(222217)	2000 EC ₁₆₈	2000 03 04	704	LINEAR
(222166)	2000 AU ₁₀₇	2000 01 05	704	LINEAR	(222218)	2000 EC ₁₇₄	2000 03 04	704	LINEAR
(222167)	2000 AB ₁₁₁	2000 01 05	704	LINEAR	(222219)	2000 FY ₃	2000 03 25	691	Spacewatch
(222168)	2000 AH ₁₁₆	2000 01 05	704	LINEAR	(222220)	2000 FP ₆	2000 03 25	691	Spacewatch
(222169)	2000 AR ₁₅₂	2000 01 08	704	LINEAR	(222221)	2000 FE ₁₄	2000 03 30	691	Spacewatch
(222170)	2000 AC ₁₇₇	2000 01 07	704	LINEAR	(222222)	2000 FK ₁₅	2000 03 29	704	LINEAR
(222171)	2000 AH ₂₀₈	2000 01 04	691	Spacewatch	(222223)	2000 FL ₂₀	2000 03 29	704	LINEAR
(222172)	2000 AM ₂₁₅	2000 01 07	691	Spacewatch	(222224)	2000 FA ₄₃	2000 03 28	704	LINEAR
(222173)	2000 AX ₂₃₆	2000 01 05	691	Spacewatch	(222225)	2000 FA ₅₆	2000 03 29	704	LINEAR
(222174)	2000 BN ₁₆	2000 01 30	704	LINEAR	(222226)	2000 FV ₅₉	2000 03 29	704	LINEAR
(222175)	2000 BB ₂₄	2000 01 29	704	LINEAR	(222227)	2000 GH	2000 04 01	691	Spacewatch
(222176)	2000 BR ₂₄	2000 01 29	704	LINEAR	(222228)	2000 GO ₄	2000 04 04	704	LINEAR
(222177)	2000 BL ₂₉	2000 01 27	120	Korlević, K.	(222229)	2000 GQ ₂₅	2000 04 05	704	LINEAR
(222178)	2000 BA ₃₃	2000 01 29	691	Spacewatch	(222230)	2000 GM ₃₄	2000 04 05	704	LINEAR
(222179)	2000 BY ₃₄	2000 01 29	703	CSS	(222231)	2000 GH ₁₁₇	2000 04 02	691	Spacewatch
(222180)	2000 CM ₂₄	2000 02 02	704	LINEAR	(222232)	2000 GY ₁₁₇	2000 04 02	691	Spacewatch
(222181)	2000 CK ₂₈	2000 02 02	704	LINEAR	(222233)	2000 GA ₁₂₈	2000 04 03	691	Spacewatch
(222182)	2000 CW ₅₉	2000 02 02	704	LINEAR	(222234)	2000 GV ₁₃₂	2000 04 12	684	Comba, P. G.
(222183)	2000 CO ₆₁	2000 02 02	704	LINEAR	(222235)	2000 GT ₁₅₁	2000 04 05	691	Spacewatch
(222184)	2000 CO ₆₈	2000 02 01	691	Spacewatch	(222236)	2000 GW ₁₇₁	2000 04 02	699	LONEOS
(222185)	2000 CR ₇₂	2000 02 02	704	LINEAR	(222237)	2000 GO ₁₇₇	2000 04 03	699	LONEOS
(222186)	2000 CX ₇₄	2000 02 08	691	Spacewatch	(222238)	2000 HB ₆	2000 04 24	691	Spacewatch
(222187)	2000 CD ₈₈	2000 02 04	704	LINEAR	(222239)	2000 HN ₂₀	2000 04 29	704	LINEAR
(222188)	2000 CQ ₁₁₃	2000 02 11	704	LINEAR	(222240)	2000 HB ₈₄	2000 04 30	699	LONEOS
(222189)	2000 CX ₁₃₁	2000 02 03	691	Spacewatch	(222241)	2000 HY ₉₀	2000 04 30	704	LINEAR
(222190)	2000 DW ₅	2000 02 26	704	LINEAR	(222242)	2000 JU ₃₄	2000 05 07	704	LINEAR
(222191)	2000 DL ₃₄	2000 02 29	704	LINEAR	(222243)	2000 KE ₂₂	2000 05 28	704	LINEAR
(222192)	2000 DO ₃₅	2000 02 29	704	LINEAR	(222244)	2000 LT ₂₁	2000 06 08	704	LINEAR
(222193)	2000 DG ₃₇	2000 02 29	704	LINEAR	(222245)	2000 LN ₂₆	2000 06 01	704	LINEAR
(222194)	2000 DE ₅₅	2000 02 29	704	LINEAR	(222246)	2000 NT ₆	2000 07 04	691	Spacewatch
(222195)	2000 DW ₅₆	2000 02 29	704	LINEAR	(222247)	2000 OC ₄₁	2000 07 30	704	LINEAR
(222196)	2000 DO ₆₆	2000 02 29	704	LINEAR	(222248)	2000 OA ₅₈	2000 07 29	699	LONEOS
(222197)	2000 DA ₈₂	2000 02 28	704	LINEAR	(222249)	2000 PP ₄	2000 08 03	360	Nakamura, A.
(222198)	2000 DX ₈₅	2000 02 29	704	LINEAR	(222250)	2000 QO ₂₈	2000 08 24	704	LINEAR
(222199)	2000 DL ₈₉	2000 02 26	691	Spacewatch	(222251)	2000 QN ₂₉	2000 08 24	704	LINEAR
(222200)	2000 DQ ₉₉	2000 02 29	704	LINEAR	(222252)	2000 QX ₃₄	2000 08 20	699	LONEOS
(222201)	2000 DG ₁₀₁	2000 02 29	704	LINEAR	(222253)	2000 QD ₃₉	2000 08 24	704	LINEAR
(222202)	2000 DP ₁₀₄	2000 02 29	704	LINEAR	(222254)	2000 QC ₆₆	2000 08 28	704	LINEAR
(222203)	2000 DA ₁₁₅	2000 02 27	691	Spacewatch	(222255)	2000 QJ ₆₇	2000 08 28	704	LINEAR
(222204)	2000 DX ₁₁₆	2000 02 26	691	Spacewatch	(222256)	2000 QK ₇₁	2000 08 24	704	LINEAR
(222205)	2000 DV ₁₁₇	2000 02 25	691	Spacewatch	(222257)	2000 QC ₁₁₆	2000 08 26	704	LINEAR
(222206)	2000 EE ₁	2000 03 03	704	LINEAR	(222258)	2000 QU ₁₅₈	2000 08 31	704	LINEAR
(222207)	2000 EN ₃	2000 03 03	704	LINEAR	(222259)	2000 QD ₁₆₅	2000 08 31	704	LINEAR
(222208)	2000 EX ₄₁	2000 03 08	704	LINEAR	(222260)	2000 QT ₁₆₇	2000 08 31	704	LINEAR
(222209)	2000 EL ₄₉	2000 03 09	704	LINEAR	(222261)	2000 QC ₁₇₁	2000 08 31	704	LINEAR
(222210)	2000 EX ₅₉	2000 03 10	704	LINEAR	(222262)	2000 QY ₁₇₂	2000 08 31	704	LINEAR
(222211)	2000 EY ₉₅	2000 03 11	704	LINEAR	(222263)	2000 QZ ₁₇₃	2000 08 31	704	LINEAR
(222212)	2000 ET ₉₉	2000 03 12	691	Spacewatch	(222264)	2000 QU ₁₇₅	2000 08 31	704	LINEAR

(222265)	2000 QK ₁₈₃	2000 08 24	704	LINEAR	(222317)	2000 TE ₁	2000 10 01	704	LINEAR
(222266)	2000 QH ₁₉₃	2000 08 29	704	LINEAR	(222318)	2000 TB ₁₃	2000 10 01	704	LINEAR
(222267)	2000 QB ₂₁₄	2000 08 31	704	LINEAR	(222319)	2000 TF ₂₆	2000 10 01	704	LINEAR
(222268)	2000 RS ₁	2000 09 01	704	LINEAR	(222320)	2000 TK ₄₄	2000 10 01	704	LINEAR
(222269)	2000 RL ₁₃	2000 09 01	704	LINEAR	(222321)	2000 TP ₄₇	2000 10 01	699	LONEOS
(222270)	2000 RN ₃₉	2000 09 01	704	LINEAR	(222322)	2000 TS ₅₇	2000 10 02	704	LINEAR
(222271)	2000 RJ ₄₉	2000 09 05	704	LINEAR	(222323)	2000 TE ₇₃	2000 10 01	645	Sloan Digital Sky Survey
(222272)	2000 RD ₅₇	2000 09 07	691	Spacewatch	(222324)	2000 UB ₁₄	2000 10 27	691	Spacewatch
(222273)	2000 RQ ₇₉	2000 09 01	704	LINEAR	(222325)	2000 UH ₁₅	2000 10 27	704	LINEAR
(222274)	2000 RE ₈₃	2000 09 01	704	LINEAR	(222326)	2000 UF ₁₈	2000 10 24	704	LINEAR
(222275)	2000 RW ₉₇	2000 09 05	699	LONEOS	(222327)	2000 UW ₃₅	2000 10 24	704	LINEAR
(222276)	2000 SY ₆	2000 09 22	704	LINEAR	(222328)	2000 UQ ₃₈	2000 10 24	704	LINEAR
(222277)	2000 SW ₃₅	2000 09 24	704	LINEAR	(222329)	2000 UV ₆₄	2000 10 25	704	LINEAR
(222278)	2000 SJ ₃₉	2000 09 24	704	LINEAR	(222330)	2000 UD ₆₆	2000 10 25	704	LINEAR
(222279)	2000 SL ₄₁	2000 09 24	704	LINEAR	(222331)	2000 UL ₇₂	2000 10 25	704	LINEAR
(222280)	2000 SU ₄₆	2000 09 23	704	LINEAR	(222332)	2000 UT ₇₂	2000 10 25	704	LINEAR
(222281)	2000 SF ₅₅	2000 09 24	704	LINEAR	(222333)	2000 UF ₈₀	2000 10 24	704	LINEAR
(222282)	2000 SS ₆₃	2000 09 24	704	LINEAR	(222334)	2000 UK ₈₁	2000 10 24	704	LINEAR
(222283)	2000 SJ ₈₂	2000 09 24	704	LINEAR	(222335)	2000 UO ₉₂	2000 10 25	704	LINEAR
(222284)	2000 SD ₉₂	2000 09 23	704	LINEAR	(222336)	2000 UG ₉₆	2000 10 25	704	LINEAR
(222285)	2000 SF ₉₆	2000 09 23	704	LINEAR	(222337)	2000 UT ₉₈	2000 10 25	704	LINEAR
(222286)	2000 SR ₁₀₃	2000 09 24	704	LINEAR	(222338)	2000 UN ₁₀₃	2000 10 25	704	LINEAR
(222287)	2000 SM ₁₂₅	2000 09 24	704	LINEAR	(222339)	2000 VM ₃	2000 11 01	704	LINEAR
(222288)	2000 SJ ₁₃₀	2000 09 22	704	LINEAR	(222340)	2000 VU ₁₂	2000 11 01	704	LINEAR
(222289)	2000 SZ ₁₃₆	2000 09 23	704	LINEAR	(222341)	2000 VH ₅₁	2000 11 03	704	LINEAR
(222290)	2000 SM ₁₅₁	2000 09 24	704	LINEAR	(222342)	2000 WX ₉	2000 11 22	734	Hug, G.
(222291)	2000 SY ₁₅₂	2000 09 24	704	LINEAR	(222343)	2000 WC ₁₀	2000 11 23	300	BATTeRS
(222292)	2000 SS ₁₆₆	2000 09 23	704	LINEAR	(222344)	2000 WS ₃₀	2000 11 20	704	LINEAR
(222293)	2000 SP ₁₆₈	2000 09 23	704	LINEAR	(222345)	2000 WJ ₅₁	2000 11 26	691	Spacewatch
(222294)	2000 SC ₁₇₅	2000 09 28	704	LINEAR	(222346)	2000 WS ₆₅	2000 11 28	691	Spacewatch
(222295)	2000 SJ ₁₉₁	2000 09 24	704	LINEAR	(222347)	2000 WX ₇₃	2000 11 20	704	LINEAR
(222296)	2000 SU ₂₁₁	2000 09 25	704	LINEAR	(222348)	2000 WT ₇₆	2000 11 20	704	LINEAR
(222297)	2000 SL ₂₄₅	2000 09 24	704	LINEAR	(222349)	2000 WR ₉₇	2000 11 21	704	LINEAR
(222298)	2000 SO ₂₄₉	2000 09 24	704	LINEAR	(222350)	2000 WP ₁₀₀	2000 11 21	704	LINEAR
(222299)	2000 SF ₂₅₂	2000 09 24	704	LINEAR	(222351)	2000 WL ₁₂₈	2000 11 18	691	Spacewatch
(222300)	2000 SD ₂₆₇	2000 09 27	704	LINEAR	(222352)	2000 WP ₁₂₈	2000 11 18	691	Spacewatch
(222301)	2000 SD ₂₇₃	2000 09 28	704	LINEAR	(222353)	2000 WX ₁₂₈	2000 11 19	691	Spacewatch
(222302)	2000 SP ₂₈₁	2000 09 23	704	LINEAR	(222354)	2000 WZ ₁₃₆	2000 11 20	691	Spacewatch
(222303)	2000 SG ₂₈₄	2000 09 23	704	LINEAR	(222355)	2000 WU ₁₄₆	2000 11 27	608	NEAT
(222304)	2000 SN ₂₈₉	2000 09 27	704	LINEAR	(222356)	2000 WL ₁₅₀	2000 11 29	691	Spacewatch
(222305)	2000 SP ₂₉₀	2000 09 27	704	LINEAR	(222357)	2000 WJ ₁₆₅	2000 11 23	608	NEAT
(222306)	2000 SU ₂₉₀	2000 09 27	704	LINEAR	(222358)	2000 WP ₁₈₁	2000 11 22	608	NEAT
(222307)	2000 SJ ₂₉₂	2000 09 27	704	LINEAR	(222359)	2000 XN ₂	2000 12 01	704	LINEAR
(222308)	2000 SA ₂₉₈	2000 09 28	704	LINEAR	(222360)	2000 XR ₁₁	2000 12 04	704	LINEAR
(222309)	2000 SJ ₂₉₉	2000 09 28	704	LINEAR	(222361)	2000 XB ₂₂	2000 12 04	704	LINEAR
(222310)	2000 SP ₂₉₉	2000 09 28	704	LINEAR	(222362)	2000 XO ₂₃	2000 12 04	704	LINEAR
(222311)	2000 SW ₃₀₈	2000 09 30	704	LINEAR	(222363)	2000 XH ₂₇	2000 12 04	704	LINEAR
(222312)	2000 SU ₃₄₇	2000 09 22	704	LINEAR	(222364)	2000 XJ ₃₁	2000 12 04	704	LINEAR
(222313)	2000 SQ ₃₅₆	2000 09 29	699	LONEOS	(222365)	2000 XK ₃₁	2000 12 04	704	LINEAR
(222314)	2000 SB ₃₆₆	2000 09 23	699	LONEOS	(222366)	2000 XM ₃₄	2000 12 04	704	LINEAR
(222315)	2000 ST ₃₆₇	2000 09 23	699	LONEOS	(222367)	2000 XC ₄₂	2000 12 05	704	LINEAR
(222316)	2000 SY ₃₇₁	2000 09 24	699	LONEOS	(222368)	2000 YD ₃	2000 12 18	691	Spacewatch

(222369)	2000 YZ ₁₂	2000 12 23	608	NEAT	(222421)	2001 KD ₅₂	2001 05 17	691	Spacewatch
(222370)	2000 YK ₅₆	2000 12 30	704	LINEAR	(222422)	2001 KL ₅₃	2001 05 18	704	LINEAR
(222371)	2000 YH ₇₈	2000 12 30	704	LINEAR	(222423)	2001 KF ₇₁	2001 05 24	699	LONEOS
(222372)	2000 YS ₈₀	2000 12 30	704	LINEAR	(222424)	2001 MO ₁₀	2001 06 20	644	NEAT
(222373)	2000 YQ ₁₂₂	2000 12 28	704	LINEAR	(222425)	2001 OV	2001 07 17	608	NEAT
(222374)	2000 YV ₁₂₇	2000 12 29	691	Spacewatch	(222426)	2001 OX ₁₄	2001 07 18	644	NEAT
(222375)	2000 YW ₁₃₂	2000 12 30	691	Spacewatch	(222427)	2001 OK ₃₈	2001 07 20	644	NEAT
(222376)	2001 AC ₃₁	2001 01 04	704	LINEAR	(222428)	2001 OB ₆₇	2001 07 25	608	NEAT
(222377)	2001 BH ₈	2001 01 19	704	LINEAR	(222429)	2001 OQ ₁₀₁	2001 07 28	699	LONEOS
(222378)	2001 BE ₂₉	2001 01 20	704	LINEAR	(222430)	2001 PU ₁₀	2001 08 08	608	NEAT
(222379)	2001 BU ₅₆	2001 01 19	691	Spacewatch	(222431)	2001 PG ₃₅	2001 08 11	644	NEAT
(222380)	2001 CN ₄₄	2001 02 15	704	LINEAR	(222432)	2001 PP ₅₃	2001 08 14	644	NEAT
(222381)	2001 DZ ₁₆	2001 02 16	704	LINEAR	(222433)	2001 QB	2001 08 16	918	Badlands
(222382)	2001 DK ₂₃	2001 02 17	704	LINEAR	(222434)	2001 QQ ₂	2001 08 17	704	LINEAR
(222383)	2001 DZ ₄₇	2001 02 19	926	Tenagra II	(222435)	2001 QW ₄	2001 08 16	704	LINEAR
(222384)	2001 DO ₄₈	2001 02 16	704	LINEAR	(222436)	2001 QU ₁₄	2001 08 16	704	LINEAR
(222385)	2001 DM ₆₁	2001 02 19	704	LINEAR	(222437)	2001 QZ ₁₉	2001 08 16	704	LINEAR
(222386)	2001 DL ₆₅	2001 02 19	704	LINEAR	(222438)	2001 QQ ₄₄	2001 08 16	704	LINEAR
(222387)	2001 DU ₆₆	2001 02 19	704	LINEAR	(222439)	2001 QW ₄₆	2001 08 16	704	LINEAR
(222388)	2001 DZ ₇₂	2001 02 19	704	LINEAR	(222440)	2001 QY ₅₉	2001 08 18	704	LINEAR
(222389)	2001 DA ₇₇	2001 02 21	608	NEAT	(222441)	2001 QD ₉₁	2001 08 22	704	LINEAR
(222390)	2001 DR ₉₇	2001 02 17	704	LINEAR	(222442)	2001 QM ₁₀₀	2001 08 22	608	NEAT
(222391)	2001 DT ₉₈	2001 02 17	704	LINEAR	(222443)	2001 QH ₁₀₇	2001 08 23	704	LINEAR
(222392)	2001 EV	2001 03 02	608	NEAT	(222444)	2001 QJ ₁₂₁	2001 08 19	704	LINEAR
(222393)	2001 EY ₉	2001 03 02	699	LONEOS	(222445)	2001 QF ₁₅₂	2001 08 26	704	LINEAR
(222394)	2001 EW ₁₀	2001 03 02	608	NEAT	(222446)	2001 QN ₁₆₀	2001 08 23	699	LONEOS
(222395)	2001 EA ₁₃	2001 03 01	704	LINEAR	(222447)	2001 QL ₁₆₅	2001 08 24	608	NEAT
(222396)	2001 EV ₂₃	2001 03 15	608	NEAT	(222448)	2001 QJ ₁₇₀	2001 08 23	704	LINEAR
(222397)	2001 EM ₂₆	2001 03 02	699	LONEOS	(222449)	2001 QR ₁₇₃	2001 08 25	704	LINEAR
(222398)	2001 FQ ₁₁	2001 03 19	699	LONEOS	(222450)	2001 QM ₂₁₀	2001 08 23	333	Yeung, W. K. Y.
(222399)	2001 FW ₁₂	2001 03 19	699	LONEOS	(222451)	2001 QH ₂₁₄	2001 08 23	699	LONEOS
(222400)	2001 FJ ₁₅	2001 03 19	699	LONEOS	(222452)	2001 QL ₂₅₂	2001 08 25	704	LINEAR
(222401)	2001 FV ₁₇	2001 03 19	699	LONEOS	(222453)	2001 QW ₂₅₃	2001 08 25	699	LONEOS
(222402)	2001 FR ₂₆	2001 03 18	704	LINEAR	(222454)	2001 QM ₂₇₉	2001 08 19	704	LINEAR
(222403)	2001 FK ₃₁	2001 03 22	701	Healy, D.	(222455)	2001 QH ₂₉₂	2001 08 16	704	LINEAR
(222404)	2001 FQ ₄₇	2001 03 18	704	LINEAR	(222456)	2001 RR ₇	2001 09 08	704	LINEAR
(222405)	2001 FZ ₆₁	2001 03 19	704	LINEAR	(222457)	2001 RD ₁₄	2001 09 10	704	LINEAR
(222406)	2001 FH ₇₂	2001 03 19	704	LINEAR	(222458)	2001 RL ₂₅	2001 09 07	704	LINEAR
(222407)	2001 FW ₉₀	2001 03 26	704	LINEAR	(222459)	2001 RO ₂₇	2001 09 07	704	LINEAR
(222408)	2001 FA ₁₀₃	2001 03 18	704	LINEAR	(222460)	2001 RW ₃₄	2001 09 08	704	LINEAR
(222409)	2001 FS ₁₀₄	2001 03 18	699	LONEOS	(222461)	2001 RR ₄₇	2001 09 12	704	LINEAR
(222410)	2001 FB ₁₁₂	2001 03 18	691	Spacewatch	(222462)	2001 RC ₈₀	2001 09 09	644	NEAT
(222411)	2001 FF ₁₃₀	2001 03 29	704	LINEAR	(222463)	2001 RN ₈₂	2001 09 11	699	LONEOS
(222412)	2001 FB ₁₃₃	2001 03 20	608	NEAT	(222464)	2001 RH ₈₄	2001 09 11	699	LONEOS
(222413)	2001 FM ₁₅₆	2001 03 26	608	NEAT	(222465)	2001 RG ₉₈	2001 09 12	691	Spacewatch
(222414)	2001 FU ₁₆₃	2001 03 18	699	LONEOS	(222466)	2001 RP ₁₀₃	2001 09 12	704	LINEAR
(222415)	2001 FB ₁₇₂	2001 03 24	608	NEAT	(222467)	2001 RA ₁₀₆	2001 09 12	704	LINEAR
(222416)	2001 GU ₇	2001 04 15	704	LINEAR	(222468)	2001 RB ₁₁₀	2001 09 12	704	LINEAR
(222417)	2001 HS ₃₂	2001 04 23	704	LINEAR	(222469)	2001 RW ₁₂₆	2001 09 12	704	LINEAR
(222418)	2001 HM ₄₆	2001 04 18	704	LINEAR	(222470)	2001 RX ₁₅₄	2001 09 12	704	LINEAR
(222419)	2001 JF ₁₁	2001 05 03	608	NEAT	(222471)	2001 SF ₁₄	2001 09 16	704	LINEAR
(222420)	2001 KW ₂₇	2001 05 17	704	LINEAR	(222472)	2001 SC ₁₅	2001 09 16	704	LINEAR

(222473)	2001 SN ₁₈	2001 09 16	704	LINEAR	(222525)	2001 TB ₂₂₈	2001 10 15	704	LINEAR
(222474)	2001 SE ₂₁	2001 09 16	704	LINEAR	(222526)	2001 UX	2001 10 17	704	LINEAR
(222475)	2001 ST ₅₅	2001 09 16	704	LINEAR	(222527)	2001 UL ₂	2001 10 18	704	LINEAR
(222476)	2001 SN ₈₂	2001 09 20	704	LINEAR	(222528)	2001 UJ ₁₁	2001 10 17	704	LINEAR
(222477)	2001 SG ₈₄	2001 09 20	704	LINEAR	(222529)	2001 UY ₂₃	2001 10 18	704	LINEAR
(222478)	2001 SE ₈₇	2001 09 20	704	LINEAR	(222530)	2001 UP ₃₃	2001 10 16	704	LINEAR
(222479)	2001 SH ₈₉	2001 09 20	704	LINEAR	(222531)	2001 UC ₄₁	2001 10 17	704	LINEAR
(222480)	2001 SV ₉₁	2001 09 20	704	LINEAR	(222532)	2001 UT ₄₅	2001 10 17	704	LINEAR
(222481)	2001 SZ ₁₀₇	2001 09 20	704	LINEAR	(222533)	2001 UY ₄₆	2001 10 17	704	LINEAR
(222482)	2001 SX ₁₀₉	2001 09 20	704	LINEAR	(222534)	2001 UD ₆₄	2001 10 18	704	LINEAR
(222483)	2001 SH ₁₂₂	2001 09 16	704	LINEAR	(222535)	2001 UP ₇₄	2001 10 17	704	LINEAR
(222484)	2001 SW ₁₃₄	2001 09 16	704	LINEAR	(222536)	2001 UR ₁₃₆	2001 10 23	704	LINEAR
(222485)	2001 SH ₁₄₇	2001 09 16	704	LINEAR	(222537)	2001 UH ₁₄₀	2001 10 23	704	LINEAR
(222486)	2001 SP ₁₅₄	2001 09 17	704	LINEAR	(222538)	2001 UG ₁₇₀	2001 10 21	704	LINEAR
(222487)	2001 SZ ₁₆₅	2001 09 19	704	LINEAR	(222539)	2001 UE ₁₇₁	2001 10 21	704	LINEAR
(222488)	2001 SF ₁₇₄	2001 09 16	704	LINEAR	(222540)	2001 UA ₁₇₃	2001 10 18	644	NEAT
(222489)	2001 SO ₁₈₁	2001 09 19	704	LINEAR	(222541)	2001 UQ ₁₇₅	2001 10 18	699	LONEOS
(222490)	2001 SA ₂₂₇	2001 09 19	704	LINEAR	(222542)	2001 UX ₁₉₆	2001 10 19	699	LONEOS
(222491)	2001 SJ ₂₃₄	2001 09 19	704	LINEAR	(222543)	2001 UX ₂₁₅	2001 10 23	291	Spacewatch
(222492)	2001 SF ₂₄₆	2001 09 19	704	LINEAR	(222544)	2001 UD ₂₁₉	2001 10 18	333	Yeung, W. K. Y.
(222493)	2001 SC ₂₄₉	2001 09 19	704	LINEAR	(222545)	2001 UZ ₂₁₉	2001 10 18	691	Spacewatch
(222494)	2001 SV ₂₅₁	2001 09 19	704	LINEAR	(222546)	2001 VS ₂	2001 11 09	704	LINEAR
(222495)	2001 SJ ₂₆₄	2001 09 25	704	LINEAR	(222547)	2001 VX ₂	2001 11 10	704	LINEAR
(222496)	2001 SC ₂₇₆	2001 09 26	704	LINEAR	(222548)	2001 VE ₄	2001 11 11	734	Hug, G.
(222497)	2001 SJ ₂₈₂	2001 09 27	704	LINEAR	(222549)	2001 VH ₉	2001 11 09	704	LINEAR
(222498)	2001 SQ ₂₉₃	2001 09 19	704	LINEAR	(222550)	2001 VT ₁₁	2001 11 10	704	LINEAR
(222499)	2001 SN ₃₀₂	2001 09 20	704	LINEAR	(222551)	2001 VB ₁₃	2001 11 10	704	LINEAR
(222500)	2001 SF ₃₁₃	2001 09 21	704	LINEAR	(222552)	2001 VJ ₁₃	2001 11 10	704	LINEAR
(222501)	2001 ST ₃₁₅	2001 09 25	704	LINEAR	(222553)	2001 VQ ₂₄	2001 11 09	704	LINEAR
(222502)	2001 TK ₅	2001 10 10	644	NEAT	(222554)	2001 VN ₂₆	2001 11 09	704	LINEAR
(222503)	2001 TE ₉	2001 10 09	704	LINEAR	(222555)	2001 VA ₂₈	2001 11 09	704	LINEAR
(222504)	2001 TQ ₁₁	2001 10 13	704	LINEAR	(222556)	2001 VB ₃₂	2001 11 09	704	LINEAR
(222505)	2001 TJ ₁₃	2001 10 14	704	LINEAR	(222557)	2001 VN ₃₄	2001 11 09	704	LINEAR
(222506)	2001 TN ₁₃	2001 10 14	704	LINEAR	(222558)	2001 VS ₃₆	2001 11 09	704	LINEAR
(222507)	2001 TV ₁₅	2001 10 11	704	LINEAR	(222559)	2001 VS ₄₀	2001 11 09	704	LINEAR
(222508)	2001 TS ₂₅	2001 10 14	704	LINEAR	(222560)	2001 VY ₄₆	2001 11 09	704	LINEAR
(222509)	2001 TR ₄₄	2001 10 14	704	LINEAR	(222561)	2001 VG ₆₂	2001 11 10	704	LINEAR
(222510)	2001 TJ ₄₆	2001 10 15	704	LINEAR	(222562)	2001 VU ₆₅	2001 11 10	704	LINEAR
(222511)	2001 TX ₄₇	2001 10 14	209	Asiago-DLR Asteroid Survey	(222563)	2001 VK ₆₆	2001 11 10	704	LINEAR
(222512)	2001 TU ₅₆	2001 10 13	704	LINEAR	(222564)	2001 VF ₇₀	2001 11 11	704	LINEAR
(222513)	2001 TM ₆₆	2001 10 13	704	LINEAR	(222565)	2001 VK ₈₄	2001 11 12	704	LINEAR
(222514)	2001 TA ₈₆	2001 10 14	704	LINEAR	(222566)	2001 VR ₈₄	2001 11 12	704	LINEAR
(222515)	2001 TN ₉₀	2001 10 14	704	LINEAR	(222567)	2001 VP ₈₅	2001 11 12	704	LINEAR
(222516)	2001 TX ₁₀₂	2001 10 15	704	LINEAR	(222568)	2001 VR ₈₅	2001 11 12	704	LINEAR
(222517)	2001 TY ₁₂₈	2001 10 14	691	Spacewatch	(222569)	2001 VD ₉₅	2001 11 15	704	LINEAR
(222518)	2001 TQ ₁₃₉	2001 10 10	644	NEAT	(222570)	2001 VJ ₉₆	2001 11 15	704	LINEAR
(222519)	2001 TF ₁₄₉	2001 10 10	644	NEAT	(222571)	2001 VT ₁₀₇	2001 11 12	704	LINEAR
(222520)	2001 TD ₁₆₀	2001 10 15	608	NEAT	(222572)	2001 VE ₁₁₄	2001 11 12	704	LINEAR
(222521)	2001 TH ₁₆₁	2001 10 11	644	NEAT	(222573)	2001 VB ₁₂₁	2001 11 12	704	LINEAR
(222522)	2001 TR ₁₆₆	2001 10 15	704	LINEAR	(222574)	2001 VP ₁₂₁	2001 11 15	644	NEAT
(222523)	2001 TP ₁₇₅	2001 10 14	704	LINEAR	(222575)	2001 VV ₁₂₂	2001 11 11	699	LONEOS
(222524)	2001 TW ₁₉₈	2001 10 11	704	LINEAR	(222576)	2001 VX ₁₂₅	2001 11 14	291	Spacewatch

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(222578)	2001	WX ₅	2001 11 17	704	LINEAR
(222579)	2001	WF ₆	2001 11 17	704	LINEAR
(222580)	2001	WT ₁₂	2001 11 17	704	LINEAR
(222581)	2001	WW ₁₈	2001 11 17	704	LINEAR
(222582)	2001	WO ₂₃	2001 11 16	691	Spacewatch
(222583)	2001	WT ₃₀	2001 11 17	704	LINEAR
(222584)	2001	WR ₃₅	2001 11 17	704	LINEAR
(222585)	2001	WC ₄₂	2001 11 18	704	LINEAR
(222586)	2001	WW ₄₃	2001 11 18	704	LINEAR
(222587)	2001	WH ₄₄	2001 11 18	704	LINEAR
(222588)	2001	WX ₄₆	2001 11 19	704	LINEAR
(222589)	2001	WB ₄₉	2001 11 19	291	Spacewatch
(222590)	2001	WE ₆₈	2001 11 20	704	LINEAR
(222591)	2001	WG ₁₀₁	2001 11 17	291	Spacewatch
(222592)	2001	XJ ₂	2001 12 08	704	LINEAR
(222593)	2001	XJ ₄	2001 12 10	704	LINEAR
(222594)	2001	XM ₄	2001 12 10	704	LINEAR
(222595)	2001	XP ₄	2001 12 10	704	LINEAR
(222596)	2001	XB ₆	2001 12 07	704	LINEAR
(222597)	2001	XE ₇	2001 12 07	704	LINEAR
(222598)	2001	XT ₁₀	2001 12 10	291	Spacewatch
(222599)	2001	XZ ₁₄	2001 12 09	704	LINEAR
(222600)	2001	XJ ₁₆	2001 12 13	704	LINEAR
(222601)	2001	XY ₁₇	2001 12 09	704	LINEAR
(222602)	2001	XV ₂₁	2001 12 09	704	LINEAR
(222603)	2001	XM ₂₃	2001 12 09	704	LINEAR
(222604)	2001	XS ₂₇	2001 12 10	704	LINEAR
(222605)	2001	XY ₂₈	2001 12 11	704	LINEAR
(222606)	2001	XC ₃₅	2001 12 09	704	LINEAR
(222607)	2001	XY ₃₇	2001 12 09	704	LINEAR
(222608)	2001	XT ₄₃	2001 12 09	704	LINEAR
(222609)	2001	XJ ₅₁	2001 12 10	704	LINEAR
(222610)	2001	XG ₅₆	2001 12 11	704	LINEAR
(222611)	2001	XJ ₅₇	2001 12 10	704	LINEAR
(222612)	2001	XJ ₆₇	2001 12 10	704	LINEAR
(222613)	2001	XZ ₆₇	2001 12 10	704	LINEAR
(222614)	2001	XE ₇₀	2001 12 11	704	LINEAR
(222615)	2001	XL ₇₀	2001 12 11	704	LINEAR
(222616)	2001	XF ₇₄	2001 12 11	704	LINEAR
(222617)	2001	XS ₇₉	2001 12 11	704	LINEAR
(222618)	2001	XZ ₇₉	2001 12 11	704	LINEAR
(222619)	2001	XH ₈₀	2001 12 11	704	LINEAR
(222620)	2001	XV ₈₂	2001 12 11	704	LINEAR
(222621)	2001	XH ₈₆	2001 12 11	704	LINEAR
(222622)	2001	XG ₈₉	2001 12 10	704	LINEAR
(222623)	2001	XZ ₉₂	2001 12 10	704	LINEAR
(222624)	2001	XE ₉₃	2001 12 10	704	LINEAR
(222625)	2001	XO ₉₅	2001 12 10	704	LINEAR
(222626)	2001	XY ₁₀₅	2001 12 10	704	LINEAR
(222627)	2001	XF ₁₀₆	2001 12 10	704	LINEAR
(222628)	2001	XG ₁₀₈	2001 12 10	704	LINEAR

(222629)	2001	XM ₁₀₈	2001 12 10	704	LINEAR
(222630)	2001	XY ₁₀₈	2001 12 10	704	LINEAR
(222631)	2001	XR ₁₁₄	2001 12 13	704	LINEAR
(222632)	2001	XL ₁₁₅	2001 12 13	704	LINEAR
(222633)	2001	XP ₁₁₅	2001 12 13	704	LINEAR
(222634)	2001	XZ ₁₁₇	2001 12 13	704	LINEAR
(222635)	2001	XN ₁₁₈	2001 12 13	704	LINEAR
(222636)	2001	XP ₁₂₁	2001 12 14	704	LINEAR
(222637)	2001	XY ₁₂₁	2001 12 14	704	LINEAR
(222638)	2001	XM ₁₂₂	2001 12 14	704	LINEAR
(222639)	2001	XZ ₁₂₄	2001 12 14	704	LINEAR
(222640)	2001	XY ₁₂₅	2001 12 14	704	LINEAR
(222641)	2001	XJ ₁₃₁	2001 12 14	704	LINEAR
(222642)	2001	XA ₁₃₆	2001 12 14	704	LINEAR
(222643)	2001	XZ ₁₃₇	2001 12 14	704	LINEAR
(222644)	2001	XT ₁₅₆	2001 12 14	704	LINEAR
(222645)	2001	XE ₁₆₀	2001 12 14	704	LINEAR
(222646)	2001	XN ₁₆₉	2001 12 14	704	LINEAR
(222647)	2001	XN ₁₇₃	2001 12 14	704	LINEAR
(222648)	2001	XX ₁₇₃	2001 12 14	704	LINEAR
(222649)	2001	XL ₁₇₄	2001 12 14	704	LINEAR
(222650)	2001	XX ₁₇₄	2001 12 14	704	LINEAR
(222651)	2001	XX ₁₇₇	2001 12 14	704	LINEAR
(222652)	2001	XP ₁₈₂	2001 12 14	704	LINEAR
(222653)	2001	XC ₁₈₄	2001 12 14	704	LINEAR
(222654)	2001	XH ₁₈₅	2001 12 14	704	LINEAR
(222655)	2001	XW ₁₈₆	2001 12 14	704	LINEAR
(222656)	2001	XZ ₁₈₇	2001 12 14	704	LINEAR
(222657)	2001	XF ₁₈₈	2001 12 14	704	LINEAR
(222658)	2001	XJ ₁₉₄	2001 12 14	704	LINEAR
(222659)	2001	XD ₂₁₁	2001 12 11	704	LINEAR
(222660)	2001	XL ₂₁₇	2001 12 14	704	LINEAR
(222661)	2001	XD ₂₁₈	2001 12 15	704	LINEAR
(222662)	2001	XR ₂₂₁	2001 12 15	704	LINEAR
(222663)	2001	XU ₂₂₈	2001 12 15	704	LINEAR
(222664)	2001	XV ₂₃₃	2001 12 15	704	LINEAR
(222665)	2001	XP ₂₃₄	2001 12 15	704	LINEAR
(222666)	2001	XK ₂₅₄	2001 12 15	704	LINEAR
(222667)	2001	YN ₇	2001 12 17	704	LINEAR
(222668)	2001	YT ₈	2001 12 17	704	LINEAR
(222669)	2001	YV ₁₀	2001 12 17	704	LINEAR
(222670)	2001	YJ ₁₉	2001 12 17	704	LINEAR
(222671)	2001	YT ₂₀	2001 12 18	704	LINEAR
(222672)	2001	YS ₂₁	2001 12 18	704	LINEAR
(222673)	2001	YL ₂₇	2001 12 18	704	LINEAR
(222674)	2001	YD ₃₃	2001 12 18	704	LINEAR
(222675)	2001	YM ₃₄	2001 12 18	704	LINEAR
(222676)	2001	YZ ₃₉	2001 12 18	704	LINEAR
(222677)	2001	YR ₅₀	2001 12 18	704	LINEAR
(222678)	2001	YR ₅₃	2001 12 18	704	LINEAR
(222679)	2001	YY ₅₄	2001 12 18	704	LINEAR
(222680)	2001	YU ₆₇	2001 12 18	704	LINEAR

(222681)	2001 YO ₈₄	2001 12 18	704	LINEAR	(222733)	2002 AT ₁₈₃	2002 01 06	644	NEAT
(222682)	2001 YZ ₈₆	2001 12 18	704	LINEAR	(222734)	2002 AG ₁₈₇	2002 01 08	704	LINEAR
(222683)	2001 YG ₉₆	2001 12 18	644	NEAT	(222735)	2002 AV ₁₈₇	2002 01 09	644	NEAT
(222684)	2001 YA ₁₁₂	2001 12 19	704	LINEAR	(222736)	2002 AJ ₁₈₉	2002 01 10	644	NEAT
(222685)	2001 YF ₁₁₅	2001 12 17	704	LINEAR	(222737)	2002 AU ₁₉₀	2002 01 11	691	Spacewatch
(222686)	2001 YY ₁₁₆	2001 12 18	704	LINEAR	(222738)	2002 AJ ₁₉₅	2002 01 13	704	LINEAR
(222687)	2001 YN ₁₂₂	2001 12 17	704	LINEAR	(222739)	2002 AD ₁₉₆	2002 01 13	691	Spacewatch
(222688)	2001 YF ₁₂₆	2001 12 17	704	LINEAR	(222740)	2002 BK ₄	2002 01 19	699	LONEOS
(222689)	2001 YT ₁₆₁	2001 12 19	704	LINEAR	(222741)	2002 BK ₅	2002 01 19	699	LONEOS
(222690)	2002 AB ₆	2002 01 04	644	NEAT	(222742)	2002 BL ₅	2002 01 19	699	LONEOS
(222691)	2002 AU ₇	2002 01 04	644	NEAT	(222743)	2002 BT ₆	2002 01 18	704	LINEAR
(222692)	2002 AF ₈	2002 01 05	691	Spacewatch	(222744)	2002 BQ ₁₁	2002 01 19	704	LINEAR
(222693)	2002 AO ₉	2002 01 11	333	Yeung, W. K. Y.	(222745)	2002 BM ₁₄	2002 01 19	704	LINEAR
(222694)	2002 AY ₉	2002 01 11	333	Yeung, W. K. Y.	(222746)	2002 BA ₂₃	2002 01 23	704	LINEAR
(222695)	2002 AT ₁₃	2002 01 11	333	Yeung, W. K. Y.	(222747)	2002 BE ₂₉	2002 01 20	699	LONEOS
(222696)	2002 AK ₁₅	2002 01 06	704	LINEAR	(222748)	2002 BG ₃₀	2002 01 21	699	LONEOS
(222697)	2002 AZ ₁₅	2002 01 04	608	NEAT	(222749)	2002 CP ₂	2002 02 03	644	NEAT
(222698)	2002 AY ₁₇	2002 01 12	704	LINEAR	(222750)	2002 CD ₄	2002 02 06	704	LINEAR
(222699)	2002 AP ₂₆	2002 01 11	291	Spacewatch	(222751)	2002 CW ₁₆	2002 02 06	704	LINEAR
(222700)	2002 AR ₄₇	2002 01 09	704	LINEAR	(222752)	2002 CA ₁₇	2002 02 06	704	LINEAR
(222701)	2002 AJ ₅₀	2002 01 09	704	LINEAR	(222753)	2002 CY ₂₅	2002 02 10	678	Juels, C. W., Holvorcem, P. R.
(222702)	2002 AS ₅₈	2002 01 09	704	LINEAR	(222754)	2002 CA ₂₉	2002 02 06	704	LINEAR
(222703)	2002 AG ₇₁	2002 01 08	704	LINEAR	(222755)	2002 CH ₂₉	2002 02 06	704	LINEAR
(222704)	2002 AY ₇₄	2002 01 08	704	LINEAR	(222756)	2002 CQ ₃₂	2002 02 06	704	LINEAR
(222705)	2002 AL ₇₆	2002 01 08	704	LINEAR	(222757)	2002 CK ₃₉	2002 02 11	333	Yeung, W. K. Y.
(222706)	2002 AC ₇₈	2002 01 08	704	LINEAR	(222758)	2002 CP ₄₁	2002 02 07	644	NEAT
(222707)	2002 AE ₈₀	2002 01 08	704	LINEAR	(222759)	2002 CQ ₄₄	2002 02 06	291	Spacewatch
(222708)	2002 AD ₈₆	2002 01 09	704	LINEAR	(222760)	2002 CJ ₄₇	2002 02 03	608	NEAT
(222709)	2002 AF ₉₀	2002 01 11	704	LINEAR	(222761)	2002 CT ₅₂	2002 02 06	704	LINEAR
(222710)	2002 AN ₉₁	2002 01 15	734	Eskridge	(222762)	2002 CD ₅₄	2002 02 07	704	LINEAR
(222711)	2002 AL ₉₉	2002 01 08	704	LINEAR	(222763)	2002 CM ₆₅	2002 02 06	704	LINEAR
(222712)	2002 AX ₉₉	2002 01 08	704	LINEAR	(222764)	2002 CY ₆₅	2002 02 06	704	LINEAR
(222713)	2002 AV ₁₀₅	2002 01 09	704	LINEAR	(222765)	2002 CC ₇₇	2002 02 07	704	LINEAR
(222714)	2002 AP ₁₀₉	2002 01 09	704	LINEAR	(222766)	2002 CD ₇₈	2002 02 07	704	LINEAR
(222715)	2002 AE ₁₁₀	2002 01 09	704	LINEAR	(222767)	2002 CB ₈₁	2002 02 07	704	LINEAR
(222716)	2002 AQ ₁₁₄	2002 01 09	704	LINEAR	(222768)	2002 CR ₈₁	2002 02 07	704	LINEAR
(222717)	2002 AM ₁₂₂	2002 01 09	704	LINEAR	(222769)	2002 CS ₈₆	2002 02 07	704	LINEAR
(222718)	2002 AC ₁₂₅	2002 01 11	704	LINEAR	(222770)	2002 CS ₉₀	2002 02 07	704	LINEAR
(222719)	2002 AY ₁₃₀	2002 01 12	644	NEAT	(222771)	2002 CV ₉₂	2002 02 07	704	LINEAR
(222720)	2002 AB ₁₃₇	2002 01 09	704	LINEAR	(222772)	2002 CT ₉₆	2002 02 07	704	LINEAR
(222721)	2002 AW ₁₄₇	2002 01 10	644	NEAT	(222773)	2002 CB ₉₇	2002 02 07	704	LINEAR
(222722)	2002 AO ₁₄₉	2002 01 14	704	LINEAR	(222774)	2002 CJ ₁₀₃	2002 02 07	704	LINEAR
(222723)	2002 AU ₁₅₃	2002 01 14	704	LINEAR	(222775)	2002 CS ₁₀₄	2002 02 07	704	LINEAR
(222724)	2002 AF ₁₅₉	2002 01 13	704	LINEAR	(222776)	2002 CV ₁₂₁	2002 02 07	704	LINEAR
(222725)	2002 AR ₁₅₉	2002 01 13	704	LINEAR	(222777)	2002 CA ₁₃₀	2002 02 07	704	LINEAR
(222726)	2002 AS ₁₆₁	2002 01 13	704	LINEAR	(222778)	2002 CK ₁₃₇	2002 02 08	704	LINEAR
(222727)	2002 AG ₁₆₄	2002 01 13	704	LINEAR	(222779)	2002 CS ₁₃₇	2002 02 08	704	LINEAR
(222728)	2002 AE ₁₇₀	2002 01 14	704	LINEAR	(222780)	2002 CY ₁₄₁	2002 02 08	704	LINEAR
(222729)	2002 AX ₁₇₀	2002 01 14	704	LINEAR	(222781)	2002 CX ₁₄₂	2002 02 09	704	LINEAR
(222730)	2002 AR ₁₇₁	2002 01 14	704	LINEAR	(222782)	2002 CV ₁₆₀	2002 02 08	704	LINEAR
(222731)	2002 AM ₁₇₄	2002 01 14	704	LINEAR	(222783)	2002 CO ₁₇₁	2002 02 08	704	LINEAR
(222732)	2002 AX ₁₈₀	2002 01 05	644	NEAT	(222784)	2002 CF ₁₇₉	2002 02 10	704	LINEAR

(222785) 2002 CK ₁₈₃	2002 02 10	704	LINEAR	(222837) 2002 EG ₃₀	2002 03 09	704	LINEAR
(222786) 2002 CK ₁₈₄	2002 02 10	704	LINEAR	(222838) 2002 EO ₅₂	2002 03 09	704	LINEAR
(222787) 2002 CQ ₁₉₇	2002 02 10	704	LINEAR	(222839) 2002 EN ₅₄	2002 03 09	691	Spacewatch
(222788) 2002 CS ₁₉₇	2002 02 10	704	LINEAR	(222840) 2002 EC ₅₇	2002 03 13	704	LINEAR
(222789) 2002 CU ₂₀₀	2002 02 10	704	LINEAR	(222841) 2002 EF ₅₉	2002 03 13	704	LINEAR
(222790) 2002 CB ₂₀₅	2002 02 10	704	LINEAR	(222842) 2002 EE ₇₈	2002 03 11	691	Spacewatch
(222791) 2002 CG ₂₀₅	2002 02 10	704	LINEAR	(222843) 2002 EB ₈₀	2002 03 12	644	NEAT
(222792) 2002 CL ₂₀₅	2002 02 10	704	LINEAR	(222844) 2002 EH ₈₂	2002 03 13	644	NEAT
(222793) 2002 CO ₂₀₅	2002 02 10	704	LINEAR	(222845) 2002 EL ₈₂	2002 03 13	644	NEAT
(222794) 2002 CV ₂₀₇	2002 02 10	704	LINEAR	(222846) 2002 EN ₈₂	2002 03 13	644	NEAT
(222795) 2002 CC ₂₁₂	2002 02 10	704	LINEAR	(222847) 2002 EL ₈₅	2002 03 09	704	LINEAR
(222796) 2002 CQ ₂₁₃	2002 02 10	704	LINEAR	(222848) 2002 EC ₉₅	2002 03 14	704	LINEAR
(222797) 2002 CU ₂₂₁	2002 02 10	704	LINEAR	(222849) 2002 EH ₉₉	2002 03 02	644	NEAT
(222798) 2002 CP ₂₂₂	2002 02 11	704	LINEAR	(222850) 2002 EC ₁₀₀	2002 03 05	703	CSS
(222799) 2002 CF ₂₂₇	2002 02 06	644	NEAT	(222851) 2002 EA ₁₀₉	2002 03 09	691	Spacewatch
(222800) 2002 CY ₂₃₂	2002 02 10	704	LINEAR	(222852) 2002 EB ₁₁₄	2002 03 10	691	Spacewatch
(222801) 2002 CZ ₂₃₂	2002 02 11	704	LINEAR	(222853) 2002 EH ₁₁₇	2002 03 09	691	Spacewatch
(222802) 2002 CC ₂₃₃	2002 02 11	704	LINEAR	(222854) 2002 EL ₁₁₉	2002 03 10	691	Spacewatch
(222803) 2002 CF ₂₃₄	2002 02 12	644	NEAT	(222855) 2002 EY ₁₂₁	2002 03 12	644	NEAT
(222804) 2002 CS ₂₃₅	2002 02 08	704	LINEAR	(222856) 2002 EK ₁₂₅	2002 03 12	644	NEAT
(222805) 2002 CO ₂₄₇	2002 02 15	704	LINEAR	(222857) 2002 EP ₁₂₅	2002 03 10	608	NEAT
(222806) 2002 CM ₂₅₂	2002 02 04	699	LONEOS	(222858) 2002 EU ₁₂₈	2002 03 12	644	NEAT
(222807) 2002 CV ₂₅₃	2002 02 04	644	NEAT	(222859) 2002 EX ₁₂₈	2002 03 13	704	LINEAR
(222808) 2002 CY ₂₅₄	2002 02 06	699	LONEOS	(222860) 2002 EX ₁₂₉	2002 03 12	291	Spacewatch
(222809) 2002 CX ₂₅₅	2002 02 06	644	NEAT	(222861) 2002 EZ ₁₃₄	2002 03 13	644	NEAT
(222810) 2002 CB ₂₅₉	2002 02 06	644	NEAT	(222862) 2002 EA ₁₃₆	2002 03 12	644	NEAT
(222811) 2002 CP ₂₆₁	2002 02 07	608	NEAT	(222863) 2002 EP ₁₃₆	2002 03 12	644	NEAT
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(223145) 2002 WX ₈	2002 11 27	699	LONEOS	(223197) 2003 BD ₂₀	2003 01 27	699	LONEOS
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(223203) 2003 BH ₃₅	2003 01 27	704	LINEAR	(223255) 2003 FR ₈₁	2003 03 27	691	Spacewatch
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(223222) 2003 DY	2003 02 21	644	NEAT	(223274) 2003 GP ₃₅	2003 04 09	704	LINEAR
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(223404) 2003 SU ₁₄₈	2003 09 16	691	Spacewatch
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(223412) 2003 SK ₁₈₃	2003 09 21	691	Spacewatch	(223464) 2003 UY ₁₀₁	2003 10 20	704	LINEAR
(223413) 2003 SP ₁₈₄	2003 09 21	691	Spacewatch	(223465) 2003 UL ₁₁₀	2003 10 19	691	Spacewatch
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(223415) 2003 SF ₁₉₇	2003 09 21	699	LONEOS	(223467) 2003 UR ₁₃₇	2003 10 21	704	LINEAR
(223416) 2003 SL ₂₀₃	2003 09 22	699	LONEOS	(223468) 2003 UH ₁₅₃	2003 10 21	691	Spacewatch
(223417) 2003 SB ₂₀₆	2003 09 23	644	NEAT	(223469) 2003 UB ₂₀₈	2003 10 22	691	Spacewatch
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(223420) 2003 SH ₂₁₃	2003 09 26	644	NEAT	(223472) 2003 UW ₂₇₀	2003 10 17	644	NEAT
(223421) 2003 SJ ₂₁₈	2003 09 28	333	Yeung, W. K. Y.	(223473) 2003 UT ₂₇₇	2003 10 25	704	LINEAR
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(223459) 2003 UG ₆₅	2003 10 16	644	NEAT	(223511) 2004 CE ₃₈	2004 02 13	333	Yeung, W. K. Y.
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(223515)	2004 CU ₅₈	2004 02 10	644	NEAT	(223567)	2004 FL ₂₁	2004 03 16	691	Spacewatch
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(223521)	2004 CZ ₁₀₀	2004 02 15	703	CSS	(223573)	2004 FK ₄₀	2004 03 18	704	LINEAR
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(223525)	2004 DB ₂₅	2004 02 18	704	LINEAR	(223577)	2004 FE ₆₄	2004 03 19	704	LINEAR
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(223530)	2004 DP ₄₃	2004 02 23	704	LINEAR	(223582)	2004 FQ ₁₀₅	2004 03 25	704	LINEAR
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(224173) 2005 QA ₁₁₁	2005 08 27	644	NEAT	(224225) 2005 SY ₅₉	2005 09 26	691	Spacewatch
(224174) 2005 QV ₁₁₃	2005 08 27	644	NEAT	(224226) 2005 SA ₆₁	2005 09 26	691	Spacewatch
(224175) 2005 QE ₁₃₄	2005 08 28	691	Spacewatch	(224227) 2005 SJ ₆₁	2005 09 26	691	Spacewatch
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(224179) 2005 QD ₁₅₄	2005 08 27	644	NEAT	(224231) 2005 SM ₇₂	2005 09 23	703	CSS
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(224182) 2005 QF ₁₆₃	2005 08 30	699	LONEOS	(224234) 2005 SO ₈₆	2005 09 24	691	Spacewatch
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(224184) 2005 QL ₁₇₆	2005 08 31	691	Spacewatch	(224236) 2005 SA ₉₄	2005 09 25	691	Spacewatch
(224185) 2005 QW ₁₇₇	2005 08 31	691	Spacewatch	(224237) 2005 SB ₉₉	2005 09 25	691	Spacewatch
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(224243)	2005 ST ₁₂₆	2005 09 29	G96	Mt. Lemmon Survey	(224295)	2005 TG ₁₂₇	2005 10 07	691	Spacewatch
(224244)	2005 SY ₁₂₆	2005 09 29	G96	Mt. Lemmon Survey	(224296)	2005 TC ₁₄₂	2005 10 08	691	Spacewatch
(224245)	2005 SN ₁₂₉	2005 09 29	G96	Mt. Lemmon Survey	(224297)	2005 TG ₁₅₂	2005 10 11	926	Tenagra II
(224246)	2005 SJ ₁₅₅	2005 09 26	704	LINEAR	(224298)	2005 TV ₁₆₀	2005 10 09	691	Spacewatch
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(224254)	2005 SP ₁₉₈	2005 09 30	G96	Mt. Lemmon Survey	(224306)	2005 UV ₈	2005 10 20	644	NEAT
(224255)	2005 SV ₂₁₃	2005 09 30	699	LONEOS	(224307)	2005 UA ₁₂	2005 10 22	691	Spacewatch
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(224257)	2005 SR ₂₂₄	2005 09 29	G96	Mt. Lemmon Survey	(224309)	2005 UP ₁₆	2005 10 22	691	Spacewatch
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(224259)	2005 SE ₂₄₆	2005 09 30	G96	Mt. Lemmon Survey	(224311)	2005 UE ₂₂	2005 10 23	691	Spacewatch
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(224285)	2005 TT ₈₂	2005 10 03	704	LINEAR	(224337)	2005 UN ₆₇	2005 10 22	644	NEAT
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(224290)	2005 TM ₁₀₇	2005 10 05	691	Spacewatch	(224342)	2005 UW ₇₆	2005 10 24	644	NEAT
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(224494) 2005 WN ₉	2005 11 21	691	Spacewatch	(224546) 2005 WE ₁₄₁	2005 11 28	G96	Mt. Lemmon Survey
(224495) 2005 WT ₁₆	2005 11 22	691	Spacewatch	(224547) 2005 WY ₁₄₇	2005 11 25	G96	Mt. Lemmon Survey
(224496) 2005 WU ₁₇	2005 11 22	291	Spacewatch	(224548) 2005 WZ ₁₄₇	2005 11 25	G96	Mt. Lemmon Survey
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(224498) 2005 WA ₂₁	2005 11 21	691	Spacewatch	(224550) 2005 WW ₁₄₈	2005 11 28	691	Spacewatch
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(224566)	2005 WA ₁₉₂	2005 11 25	703	CSS	(224618)	2005 YB ₇₅	2005 12 24	691	Spacewatch
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(224585)	2005 XE ₆₃	2005 12 05	G96	Mt. Lemmon Survey	(224637)	2005 YG ₁₆₆	2005 12 27	691	Spacewatch
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(225197) 2008 JW ₁₈	2008 05 05	G96	Mt. Lemmon Survey	(225249) 2009 QT ₃₃	2009 08 26	A79	Zvezdno Obshtestvo
(225198) 2008 JR ₂₅	2008 05 08	691	Spacewatch	(225250) 2009 QU ₃₆	2009 08 30	B01	Karge, S., Zimmer, U.
(225199) 2008 JK ₂₈	2008 05 08	691	Spacewatch	(225251) 2009 QF ₄₄	2009 08 27	291	Spacewatch
(225200) 2008 JT ₃₄	2008 05 15	691	Spacewatch	(225252) 2009 QQ ₄₇	2009 08 28	J75	La Sagra
(225201) 2008 KT ₇	2008 05 27	691	Spacewatch	(225253) 2009 RP ₁	2009 09 11	J75	La Sagra
(225202) 2008 KE ₂₅	2008 05 29	G96	Mt. Lemmon Survey	(225254) 2009 RL ₂	2009 09 10	J04	ESA Optical Ground
(225203) 2008 KM ₃₆	2008 05 29	G96	Mt. Lemmon Survey	(225255) 2009 RA ₃	2009 09 10	703	CSS
(225204) 2008 KN ₃₉	2008 05 30	691	Spacewatch	(225256) 2009 RO ₃	2009 09 12	704	LINEAR
(225205) 2008 KO ₄₁	2008 05 31	691	Spacewatch	(225257) 2009 RJ ₅	2009 09 10	703	CSS
(225206) 2008 LP	2008 06 01	G96	Mt. Lemmon Survey	(225258) 2009 RL ₁₆	2009 09 12	691	Spacewatch
(225207) 2008 LG ₁₂	2008 06 08	691	Spacewatch	(225259) 2009 RH ₁₇	2009 09 12	691	Spacewatch
(225208) 2008 NM ₁	2008 07 04	A77	Kugel, F.	(225260) 2009 RK ₁₇	2009 09 12	691	Spacewatch
(225209) 2008 OT ₂₀	2008 07 29	691	Spacewatch	(225261) 2009 RC ₂₄	2009 09 15	691	Spacewatch
(225210) 2008 QB ₃₁	2008 08 30	704	LINEAR	(225262) 2009 RX ₂₆	2009 09 12	691	Spacewatch
(225211) 2008 QG ₄₂	2008 08 23	691	Spacewatch	(225263) 2009 RQ ₃₀	2009 09 14	691	Spacewatch
(225212) 2008 RF ₂₅	2008 09 03	683	Tucker, R. A.	(225264) 2009 RT ₃₄	2009 09 14	691	Spacewatch
(225213) 2008 RJ ₂₇	2008 09 08	A77	Kugel, F.	(225265) 2009 RD ₄₇	2009 09 15	691	Spacewatch
(225214) 2008 RM ₅₈	2008 09 03	291	Spacewatch	(225266) 2009 RN ₄₇	2009 09 15	691	Spacewatch
(225215) 2008 RB ₆₅	2008 09 04	691	Spacewatch	(225267) 2009 RS ₄₇	2009 09 15	691	Spacewatch
(225216) 2008 RV ₇₆	2008 09 06	703	CSS	(225268) 2009 RT ₄₇	2009 09 15	691	Spacewatch
(225217) 2008 RA ₈₃	2008 09 04	691	Spacewatch	(225269) 2009 SO ₁₅	2009 09 19	300	BATTeRS
(225218) 2008 RD ₉₅	2008 09 07	G96	Mt. Lemmon Survey	(225270) 2009 SF ₃₀	2009 09 16	691	Spacewatch
(225219) 2008 RO ₁₂₆	2008 09 04	691	Spacewatch	(225271) 2009 SO ₆₁	2009 09 17	691	Spacewatch
(225220) 2008 RX ₁₂₈	2008 09 05	691	Spacewatch	(225272) 2009 SE ₇₆	2009 09 17	691	Spacewatch
(225221) 2008 SN ₂₂	2008 09 19	691	Spacewatch	(225273) 2128 P-L	1960 09 26	675	van Houten & Gehrels
(225222) 2008 SP ₃₂	2008 09 20	691	Spacewatch	(225274) 6781 P-L	1960 09 24	675	van Houten & Gehrels
(225223) 2008 SV ₃₆	2008 09 20	G96	Mt. Lemmon Survey	(225275) 6890 P-L	1960 09 24	675	van Houten & Gehrels
(225224) 2008 SH ₄₁	2008 09 20	703	CSS	(225276) 1436 T-2	1973 09 29	675	van Houten & Gehrels
(225225) 2008 SZ ₈₂	2008 09 26	198	Apitzsch, R.				
(225226) 2008 SH ₂₁₃	2008 09 29	G96	Mt. Lemmon Survey				
(225227) 2008 TO ₆₅	2008 10 02	703	CSS				
(225228) 2008 TE ₉₂	2008 10 04	J75	La Sagra				

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2010 Jan. 4.0 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>											
(221946)	16.6	58.94836	269.92279	65.70083	24.24591	0.0872502	1.9152085162597		(221997)	15.4	46.44042	256.92527	110.15217	14.58645	0.1991916	2.5718243162612			
(221947)	16.7	249.36132	301.40384	240.62675	2.62877	0.1812474	2.4195237162597		(221998)	16.6	152.03259	40.52770	210.51837	4.98242	0.0824375	2.6767910162612			
(221948)	15.9	286.20540	319.94626	171.06606	4.46665	0.0197613	2.7616201162598		(221999)	15.4	315.69044	157.84260	332.02967	11.71546	0.1711388	2.5971620162612			
(221949)	15.0	41.05079	172.50364	191.73399	15.04128	0.1617999	3.0165579162598		(222000)	15.9	169.81931	18.89476	193.05334	13.54681	0.1363073	2.7883863162613			
(221950)	15.0	358.64379	22.02842	23.21572	9.37069	0.1306857	3.0470485162598		(222001)	16.0	215.03815	3.67642	182.37099	9.23932	0.2144210	2.7534750162613			
(221951)	15.4	21.77548	312.43753	52.92836	9.30400	0.0880690	3.0734302162599		(222002)	14.6	137.88060	206.17043	30.78839	9.13453	0.1172705	3.9670752162613			
(221952)	16.7	116.22942	309.77054	323.92024	1.84426	0.2465488	2.3685398162599		(222003)	15.6	287.08280	111.60333	51.86266	12.49546	0.2238001	2.6509428162614			
(221953)	16.5	275.74395	149.68880	351.83745	4.80602	0.1304163	2.4004580162599		(222004)	17.1	44.18618	52.63004	307.24306	6.55501	0.1332600	2.3191020162614			
(221954)	17.1	267.69104	157.47696	356.25836	3.21066	0.1408766	2.4188637162600		(222005)	16.7	3.86402	70.09971	346.57173	3.64929	0.1377090	2.3436957162614			
(221955)	17.6	4.79917	213.58733	191.01009	1.30119	0.2404650	2.4751569162600		(222006)	15.4	333.26098	84.18721	355.47331	9.27787	0.2770017	3.0910404162615			
(221956)	14.7	350.04984	65.20850	359.59670	10.13261	0.0963865	3.0949026162600		(222007)	16.1	48.29790	251.11909	109.54150	0.72641	0.1663784	3.0313208162615			
(221957)	16.0	186.61983	177.50930	11.72363	6.22733	0.1134171	3.2122970162601		(222008)	18.9	39.29485	265.51169	104.46112	1.66827	0.5504613	2.3632000162615			
(221958)	17.3	22.83501	117.34321	258.92660	9.64742	0.1380188	2.2784697162601		(222009)	16.6	74.94631	95.31762	222.95225	10.22850	0.2388547	2.3385791162616			
(221959)	16.8	6.10149	239.52296	164.26010	9.53512	0.1427271	2.7144426162601		(222010)	14.7	40.96626	99.50761	275.31553	7.68460	0.1135505	3.0033362162616			
(221960)	16.7	44.10017	353.92505	14.25017	1.58781	0.0925605	2.7382372162601		(222011)	16.2	94.21210	92.60968	268.68467	4.32485	0.1853604	2.2623525162616			
(221961)	17.2	329.96386	78.85612	12.44270	4.60992	0.0554495	2.2919423162602		(222012)	16.4	116.80092	109.57700	183.60355	1.44006	0.1050708	2.9953987162617			
(221962)	17.2	15.40746	26.21378	348.68502	5.25890	0.2351501	2.3030280162602		(222013)	16.0	26.29904	158.92116	178.04372	5.23343	0.2708785	3.1268186162617			
(221963)	18.0	53.85810	154.98116	176.23747	6.27857	0.2745893	2.2939298162602		(222014)	17.5	11.46950	227.13719	187.43209	2.01297	0.1968495	2.3435729162617			
(221964)	17.5	286.40926	125.05865	341.65544	2.70179	0.1454190	2.3135014162602		(222015)	17.3	126.47574	92.35152	179.33293	6.34998	0.1015226	2.3393751162617			
(221965)	16.6	291.14930	104.04357	12.22193	6.32511	0.0107396	2.7754942162603		(222016)	17.2	51.56802	322.17130	356.54998	5.02881	0.1993685	2.3799932162618			
(221966)	17.9	335.58612	32.56617	40.26512	3.01230	0.1251448	2.3039690162603		(222017)	16.0	81.99160	149.64133	168.62281	2.69690	0.0794898	3.0355581162618			
(221967)	16.9	45.35067	167.63461	174.23735	8.48035	0.2286850	2.7767798162603		(222018)	17.3	346.99656	66.19063	3.84297	6.47982	0.1056798	2.3540240162618			
(221968)	15.9	7.06811	0.35597	55.12206	0.49108	0.0999746	2.7629111162603		(222019)	16.7	288.88100	270.36716	233.93678	3.05398	0.1626649	2.3666461162619			
(221969)	16.5	35.38022	346.56403	17.08207	5.72870	0.0559096	2.7907708162604		(222020)	16.1	351.65113	105.39957	340.05646	0.43208	0.2905248	3.0707757162619			
(221970)	16.8	279.57125	112.46720	20.75395	4.14731	0.0472117	2.7816175162604		(222021)	17.2	29.65157	170.97114	211.26539	7.13545	0.1205165	2.3716237162619			
(221971)	17.3	333.77157	235.05169	206.75768	2.75514	0.1364766	2.3094160162604		(222022)	15.9	57.44785	331.81279	8.65724	3.22829	0.1062925	3.1050587162619			
(221972)	16.6	29.13537	192.41906	205.11451	1.87528	0.0926333	2.7549995162604		(222023)	16.2	70.68192	302.48082	40.77244	7.41545	0.1598810	2.3510336162620			
(221973)	17.5	2.38002	158.17762	253.87181	2.19542	0.1575241	2.3111341162605		(222024)	14.8	55.01157	28.11607	328.02176	9.70607	0.1057843	3.0230785162620			
(221974)	16.4	161.10026	154.35579	82.11648	5.58161	0.0207945	2.8089342162605		(222025)	14.9	311.16819	96.21077	348.95459	26.01484	0.1901589	3.1170677162620			
(221975)	17.5	18.01595	177.41780	228.35525	2.98790	0.1358957	2.3080228162605		(222026)	15.6	4.70681	51.66973	358.68983	1.68014	0.2415352	3.0893509162621			
(221976)	16.5	74.64300	295.81014	80.69593	5.88769	0.1248700	2.7188378162605		(222027)	15.1	50.69143	252.63657	71.93260	5.59793	0.1717541	3.1122928162621			
(221977)	15.5	25.00330	140.30724	248.91417	4.56948	0.1356649	2.8153743162606		(222028)	16.9	36.27766	355.29418	18.99139	2.53636	0.2156942	2.3526745162621			
(221978)	17.2	209.42322	164.43843	24.89367	5.78370	0.1199356	2.3317683162606		(222029)	17.0	57.81579	263.32934	90.10281	3.38427	0.2114987	2.3441545162622			
(221979)	17.7	16.31721	59.64435	332.30075	2.81268	0.2022433	2.3162605162606		(222030)	16.5	59.81582	328.41928	16.15594	3.55017	0.1067021	2.3616337162622			
(221980)	19.2	27.81510	64.59566	356.55277	21.59947	0.4004961	1.3414670162607		(222031)	17.0	352.65201	220.88224	159.45407	2.90546	0.2203674	2.4193337162622			
(221981)	15.1	75.49586	284.86822	354.25575	25.40033	0.2789272	3.1898953162607		(222032)	16.5	21.13914	154.75657	229.51170	0.91946	0.0895877	3.0505666162623			
(221982)	14.5	326.95099	40.78067	73.47906	3.96771	0.1520793	3.9796207162607		(222033)	14.9	331.09777	198.53580	258.77316	3.68351	0.2158199	3.0930512162623			
(221983)	16.1	60.19925	15.72349	320.60331	12.12388	0.1659109	2.5946880162607		(222034)	17.2	21.24926	186.82727	261.84181	1.93861	0.1644392	2.3178932162623			
(221984)	16.4	318.99907	48.96130	62.93135	3.85641	0.0521015	2.7266971162608		(222035)	17.0	73.41709	287.13214	39.13809	0.82158	0.2183379	2.3643308162624			
(221985)	16.6	264.53818	15.09244	141.31121	6.42162	0.0901582	2.2736995162608		(222036)	17.4	322.13413	86.13495	32.73299	1.76879	0.1326302	2.3578217162624			
(221986)	16.5	31.99961	261.00003	118.56290	4.92124	0.1890239	2.7394381162608		(222037)	15.3	8.20917	196.34996	212.01086	5.09194	0.1468657	3.0979693162624			
(221987)	16.1	317.34243	329.37219	138.29273	5.70159	0.1189173	2.7748293162608		(222038)	15.0	306.47068	95.91697	26.01723	10.95862	0.0757404	3.0711581162624			
(221988)	16.8	357.12679	24.26800	54.85493	4.74726	0.1398428	2.2467960162609		(222039)	16.7	353.02666	44.85752	30.66334	3.80675	0.1698023	2.3718660162625			
(221989)	16.8	236.45305	345.51977	210.59544	1.37778	0.1870428	2.2912521162609		(222040)	16.0	28.41041	50.85362	316.46171	0.84469	0.0992964	3.1001098162625			
(221990)	16.7	150.23674	103.87504	165.84746	2.48720	0.1548772	2.3335885162609		(222041)	17.2	20.28553	165.66874	223.03141	5.94570	0.1532407	2.3825459162625			
(221991)	16.3	256.04688	346.94999	182.27921	5.11706	0.0940881	2.2992827162610		(222042)	15.3	83.62263	282.85676	9.66838	9.38982	0.0738300	3.1111714162626			
(221992)	15.7	35.88377	222.86785	122.69751	11.07388	0.0901264	3.0596463162610		(222043)	15.4	337.17469	62.50885	35.76791	15.98235	0.2095182	3.0841794162626			
(221993)	15.3	134.05575	69.85480	177.44663	14.18999	0.1039209	3.1501610162610		(222044)	17.0	26.68596	248.76066	149.71534	5.62264	0.2178297	2.3699354162626			
(221994)	16.0	70.79712	92.41350	285.58968	3.05294	0.2302201	2.4197808162611		(222045)	16.8	26.20145	197.12316	201.09122	1.71308	0.2176209	2.3597449162626			
(221995)	13.7	359.77500	203.99432	211.64854	5.55608	0.0642712	5.1480002162611		(222046)	17.2	11.96168	147.47821	264.48069	1.48768	0.2074847	2.3727812162627			
(221996)	15.6	328.32602	313.79311	126.85811	13.19882	0.2526363	2.5965337162611		(222047)	17.5	351.99012	18.69746	67.35868	3.64543	0.1348012	2.3637709162627			
									(222048)	16.9	84.85577	272.63597	40.07131	12.23159	0.2300215	2.3703131162627			

(222049)	13.1	287.53557	64.94149	43.57891	10.96456	0.1041855	5.1766557162627	(222101)	16.9	69.47847	135.28441	228.85383	5.40526	0.0597886	2.2021046162644
(222050)	17.2	46.43577	122.52696	241.19561	1.67104	0.2003017	2.3769815162628	(222102)	17.1	47.50119	330.43039	27.08546	6.63951	0.1991336	2.2394793162644
(222051)	17.4	23.27511	336.58099	55.36982	2.38913	0.1805942	2.3843096162628	(222103)	16.9	41.37022	344.96008	339.50422	19.16895	0.0939912	1.8746053162644
(222052)	14.9	30.42665	137.44536	231.02807	13.47766	0.2240165	3.1194133162628	(222104)	16.7	343.91534	226.00498	211.56164	7.69845	0.1409584	2.2411913162645
(222053)	14.8	330.11113	51.84255	40.15198	13.02734	0.1587119	3.1200121162628	(222105)	15.6	270.63913	249.52822	228.47601	6.08870	0.0846298	2.9865218162645
(222054)	14.4	58.50151	116.84522	232.62223	16.84355	0.1003834	3.1201026162629	(222106)	17.3	50.31638	305.67971	68.85849	3.37225	0.1509847	2.2002600162645
(222055)	14.2	3.15656	182.72026	240.50276	19.13228	0.1544121	3.1141119162629	(222107)	17.2	52.21568	26.34503	330.79072	7.56591	0.1907256	2.2123276162645
(222056)	14.1	3.04266	25.13549	355.64869	3.31513	0.0498285	5.1125522162629	(222108)	15.9	27.67923	99.23091	261.14818	4.82875	0.2357062	2.9229335162646
(222057)	15.2	34.93850	327.34509	46.65621	7.98877	0.1655700	3.1043476162630	(222109)	16.3	154.90748	198.34141	41.12250	3.05831	0.0432303	2.9735453162646
(222058)	17.2	11.62775	345.80844	56.25858	4.09748	0.0818614	2.3839970162630	(222110)	15.4	3.54825	345.91868	47.62044	11.68721	0.0953255	2.9734869162646
(222059)	15.6	222.57426	158.48406	48.95897	10.78980	0.0493957	3.0835804162630	(222111)	15.9	54.74017	299.72273	32.96535	10.41513	0.0934117	2.9213714162646
(222060)	15.1	265.54142	309.45017	230.36158	16.62586	0.1869183	3.1021495162630	(222112)	16.7	359.26561	245.20178	147.45932	2.50485	0.1229675	2.9376688162647
(222061)	16.8	32.23171	294.03032	88.40304	2.61518	0.1895360	2.3821744162631	(222113)	18.3	63.04140	271.65329	53.15129	3.11742	0.1256493	2.2503399162647
(222062)	16.4	339.31393	22.48663	73.33062	12.85749	0.2081961	2.3893759162631	(222114)	16.8	99.74605	260.48982	44.54527	2.29955	0.1138333	2.8948595162647
(222063)	13.2	340.06179	182.38380	229.26925	13.17158	0.0803980	5.2423015162631	(222115)	17.8	63.17038	288.05165	36.13488	4.46877	0.2014370	2.2269771162647
(222064)	15.1	357.53695	327.19738	80.94537	11.92577	0.1359586	3.1709119162632	(222116)	17.1	47.09344	229.08532	106.16135	2.30115	0.1838187	2.9225660162648
(222065)	15.6	66.48271	282.17596	66.10472	5.68850	0.1417374	3.1114727162632	(222117)	16.7	93.84603	296.90985	33.65747	2.28844	0.0520510	2.8627404162648
(222066)	13.7	17.16307	151.83243	251.94578	17.91858	0.1713696	3.1643429162632	(222118)	17.5	67.64955	168.51458	169.96053	1.53413	0.1923213	2.2069343162648
(222067)	13.8	326.19804	99.87892	46.89793	26.54993	0.2629267	3.1718655162633	(222119)	16.8	304.04602	34.73692	64.33896	2.95592	0.0843102	2.9192648162649
(222068)	16.3	117.54158	265.83838	327.29822	7.56174	0.0395329	2.6308532162633	(222120)	14.9	54.17159	95.51966	236.09430	9.82820	0.1054483	2.9632163162649
(222069)	16.5	151.82821	336.94983	245.79721	5.44054	0.1558351	2.6227038162633	(222121)	17.0	50.45034	81.01040	264.42228	4.02982	0.1961061	2.2384972162649
(222070)	16.8	349.62396	240.12643	200.10269	1.61509	0.1529765	2.5282997162634	(222122)	17.4	33.77747	304.94971	51.34124	3.21947	0.1802195	2.2508544162649
(222071)	16.2	243.78806	327.77944	202.96924	12.64739	0.0791444	2.5734818162634	(222123)	15.6	346.82926	341.38863	52.32887	7.64075	0.1535194	3.0192508162650
(222072)	15.4	211.04319	354.20974	210.75468	17.42858	0.2183619	2.5728006162634	(222124)	17.4	37.04773	331.99431	52.95582	5.17797	0.1561100	2.2255589162650
(222073)	18.2	116.71896	89.85883	216.14532	34.22575	0.1307230	1.3862615162635	(222125)	18.0	256.38525	275.41070	219.17817	6.45389	0.0611894	2.2968326162650
(222074)	15.5	132.34297	213.07738	40.02477	11.10614	0.1600494	2.6808097162635	(222126)	16.4	33.28222	328.37716	38.34008	9.36854	0.1448957	2.2447091162650
(222075)	15.8	64.27747	103.14480	189.90083	7.07440	0.3031304	2.7752288162636	(222127)	15.1	48.17992	123.64719	218.14859	10.31537	0.1160450	2.9643674162651
(222076)	15.7	158.27156	185.96898	59.87470	12.31524	0.0786664	2.6450095162636	(222128)	16.9	31.62150	33.58403	347.10379	1.76478	0.2508128	2.2288830162651
(222077)	15.3	130.15851	182.23028	82.49223	13.09760	0.1521684	2.6790316162636	(222129)	15.1	72.09479	300.53434	29.90145	11.01628	0.1405083	2.8795445162652
(222078)	16.3	130.15932	190.75616	58.08907	9.17486	0.2526928	2.7151381162637	(222130)	17.0	61.29949	139.76850	215.30768	4.29613	0.1744563	2.2081131162652
(222079)	16.9	71.37051	181.68328	120.52057	10.35425	0.3547675	2.1908134162637	(222131)	17.3	288.30099	273.80878	223.51558	5.61390	0.1165106	2.2450413162652
(222080)	16.1	44.52531	184.22661	169.07377	11.70086	0.1821784	2.8647316162637	(222132)	15.7	82.58603	292.72053	52.42139	10.24119	0.0422626	2.9006553162653
(222081)	17.1	59.89830	298.91101	41.09484	3.56928	0.1902497	2.2097066162637	(222133)	17.0	7.78634	315.87448	61.68448	4.29467	0.1472455	2.2805376162653
(222082)	16.9	37.47127	174.53780	165.77842	6.59187	0.1559395	2.2423179162638	(222134)	12.3	289.47438	27.07409	67.40877	6.94323	0.0374659	5.1766671162653
(222083)	16.8	59.45259	85.23983	254.87442	4.37437	0.2154113	2.2079598162638	(222135)	16.6	51.55518	182.71473	180.88989	1.98182	0.0933721	2.9270628162654
(222084)	17.0	35.01972	99.10864	254.69891	5.23102	0.2151148	2.2193429162638	(222136)	17.3	336.21533	260.81267	192.34611	2.87868	0.0326620	2.2002456162654
(222085)	16.6	37.87170	6.51900	355.37318	7.03254	0.1530863	2.2106853162639	(222137)	17.2	14.25370	166.80409	221.73425	4.61574	0.1550661	2.2590885162654
(222086)	17.2	34.10932	216.74351	141.58676	6.14376	0.1933075	2.2228393162639	(222138)	17.2	63.78723	323.05626	28.72679	2.66037	0.2405167	2.2122079162654
(222087)	17.2	62.46069	174.98822	154.06141	3.93319	0.2123130	2.2056025162639	(222139)	15.9	39.11884	85.23753	279.42732	0.92677	0.1022350	2.9327355162655
(222088)	17.4	45.59795	336.64824	4.50603	6.71299	0.1668221	2.2435911162640	(222140)	17.1	20.56145	5.99185	48.36133	8.02540	0.1069617	2.2261431162655
(222089)	16.6	310.48516	55.76918	59.19432	2.84393	0.0206594	2.8397154162640	(222141)	17.7	67.07988	238.30050	99.83541	3.04374	0.1670318	2.2403567162655
(222090)	16.3	30.13152	137.04839	216.39601	1.20599	0.0805425	2.9098864162640	(222142)	16.7	302.42148	287.10116	160.37546	0.39324	0.1078676	3.0181726162655
(222091)	15.6	302.04456	104.70926	1.27659	8.73388	0.0086923	2.9038505162640	(222143)	17.1	136.07693	169.89769	71.71467	3.79169	0.1286188	2.916027162656
(222092)	16.9	16.19471	134.88202	249.73436	4.75641	0.1615741	2.2314232162641	(222144)	15.8	58.57085	317.92165	31.77792	12.60730	0.1992113	2.8647279162656
(222093)	16.9	50.93693	297.87856	353.56724	5.27494	0.1654430	2.2761437162641	(222145)	15.9	261.23833	271.69727	242.20464	21.15178	0.2339285	2.3089204162656
(222094)	15.7	80.86631	107.70855	211.25214	4.77915	0.0972358	2.8816465162641	(222146)	17.0	46.64437	105.99499	257.43628	4.62720	0.1739348	2.2427685162657
(222095)	16.5	77.05040	312.88688	25.14956	6.44935	0.1398622	2.2189385162642	(222147)	16.6	340.17864	197.19889	249.26602	6.74713	0.0793074	2.2512926162657
(222096)	15.7	22.68794	348.71342	27.00828	10.13148	0.0903056	2.9247419162642	(222148)	15.2	322.93706	180.76909	242.53191	9.02750	0.0540707	3.0593382162657
(222097)	17.2	9.55952	172.84857	204.74158	19.22372	0.1007428	1.8755707162642	(222149)	15.9	315.40856	218.54478	243.97565	4.31760	0.2414627	3.0028522162658
(222098)	17.1	22.59326	144.49216	227.30363	5.97360	0.1119639	2.2444742162643	(222150)	15.0	359.99524	3.83269	47.78548	12.89991	0.1043027	3.0315743162658
(222099)	16.4	341.48331	55.47327	19.81012	7.88896	0.2568896	2.9328254162643	(222151)	16.9	71.71840	282.08603	64.32896	26.24584	0.1438975	1.8487285162658
(222100)	16.8	17.67513	197.50219	218.44606	3.92835	0.0969644	2.2076371162643	(222152)	15.2	350.79820	61.25032	357.77566	6.44310	0.3026845	2.9926456162659

(222153)	16.2	349.09412	106.96759	308.53120	5.47442	0.1568330	2.2820825162659	(222205)	16.4	17.78216	56.49636	346.78374	7.64959	0.2940524	2.3121739162676
(222154)	15.3	345.58659	63.14360	350.53695	10.60277	0.1617659	3.0485122162660	(222206)	16.3	188.39754	248.13350	319.81330	1.67407	0.1253273	2.3995170162676
(222155)	16.5	314.86683	19.55879	87.56353	3.83741	0.1706217	3.0514396162660	(222207)	17.7	306.90279	108.01856	19.16930	2.57431	0.1613046	2.3245502162676
(222156)	15.0	14.19911	100.04902	257.94917	7.16115	0.1148694	3.0898556162660	(222208)	16.9	259.97609	113.55551	38.62523	1.39094	0.1621497	2.3806598162677
(222157)	16.1	307.77469	120.59697	356.24159	22.70832	0.2305455	2.2950374162661	(222209)	15.0	289.80457	93.87116	24.47187	16.73231	0.1909757	3.2075871162677
(222158)	17.2	241.11848	342.84277	186.68307	2.62664	0.1720511	2.2940406162661	(222210)	17.3	211.64060	15.41651	174.35561	5.61442	0.1007614	2.4133673162677
(222159)	16.9	13.21637	18.10978	36.18848	4.43523	0.2052634	2.2558083162661	(222211)	16.9	319.11597	288.41681	195.12609	1.68560	0.1530264	2.3118640162677
(222160)	14.7	319.09305	55.99656	53.75410	14.16793	0.1327119	2.9634387162661	(222212)	18.1	304.79452	121.17974	357.29414	1.58073	0.1287061	2.3438012162678
(222161)	14.6	316.15977	343.08150	89.01198	10.67629	0.1331907	3.1168887162662	(222213)	17.6	316.81044	228.55123	239.75217	0.92666	0.1939967	2.3346648162678
(222162)	15.1	277.58828	165.85412	306.39303	5.34612	0.2198893	3.1504790162662	(222214)	17.2	248.81479	349.07619	193.97371	3.25304	0.0666444	2.3555909162679
(222163)	15.1	310.07573	332.65825	115.40742	19.28203	0.1693810	3.1221095162662	(222215)	14.6	287.72011	122.94174	355.62696	26.78959	0.1864715	3.1657955162679
(222164)	14.9	319.89392	3.97216	105.12637	9.63830	0.1873108	3.0711634162663	(222216)	14.8	25.03994	60.90714	335.20204	8.26783	0.1803534	3.1381831162679
(222165)	17.6	0.12001	234.14454	291.14130	23.36149	0.4804558	2.2083303162663	(222217)	15.0	304.03030	103.02852	14.31401	15.76622	0.2908280	3.1191437162680
(222166)	14.7	324.58524	325.86504	109.97035	13.31333	0.2334150	3.0658657162663	(222218)	14.7	304.56033	45.02134	86.99525	16.63667	0.2308236	3.1292459162680
(222167)	15.2	279.37104	205.88726	276.07129	7.89771	0.0355074	3.1139860162664	(222219)	17.4	236.03171	284.98986	250.12875	1.42747	0.1154455	2.3668939162680
(222168)	14.8	278.08560	30.06129	129.80563	13.39276	0.2596569	3.0764176162664	(222220)	17.1	67.09016	307.64259	15.40151	18.65288	0.1133658	1.9771213162681
(222169)	16.6	338.55960	154.85820	274.03931	18.87104	0.0883610	1.8931859162664	(222221)	16.9	32.15479	209.63707	162.50375	24.46296	0.2359737	2.3459325162681
(222170)	15.0	286.17502	244.34777	250.41908	14.92137	0.1986913	3.0605132162665	(222222)	15.5	310.87594	79.73204	30.64860	21.29249	0.0404554	2.3884186162681
(222171)	14.4	111.47158	167.53442	81.24645	11.84250	0.1752150	3.1299324162665	(222223)	14.5	281.31859	124.52987	24.83847	16.10184	0.1688821	3.1844513162682
(222172)	15.9	8.10434	284.50726	112.85909	6.00247	0.1398831	3.0726603162665	(222224)	16.1	190.17097	142.02796	77.01043	2.91641	0.1464304	2.4135456162682
(222173)	15.4	273.31556	186.53412	316.87415	4.35031	0.1239416	3.1332002162665	(222225)	15.6	303.94450	104.79352	19.06015	16.00348	0.1956105	3.1772127162682
(222174)	16.7	277.36575	48.29734	93.62740	3.15638	0.1153186	2.3183568162666	(222226)	16.1	273.86049	125.40783	54.57168	7.58415	0.1237190	2.3322023162682
(222175)	14.9	9.34513	330.14297	71.91676	11.02066	0.2014059	3.0764135162666	(222227)	16.9	168.22312	191.56820	30.86873	3.12999	0.1432147	2.4597291162683
(222176)	15.1	307.78762	90.39410	25.57937	10.23773	0.1900438	3.0893193162666	(222228)	14.1	295.41991	107.87844	37.27900	26.91878	0.2448682	3.1722032162683
(222177)	16.7	340.32279	114.33101	332.36558	6.23347	0.1892778	2.2954015162667	(222229)	16.4	236.07331	191.13711	9.59463	1.28688	0.1283187	2.3730316162684
(222178)	16.7	198.86617	66.76754	144.75973	1.53416	0.1313842	2.3626217162667	(222230)	16.8	346.74156	67.87557	15.68075	5.38111	0.1957276	2.3508100162684
(222179)	13.8	290.84616	63.43163	94.44607	27.24948	0.2272734	3.1178575162668	(222231)	17.5	177.48604	353.98265	237.92929	0.66123	0.1535008	2.4170606162684
(222180)	14.9	320.46296	147.35709	306.54644	11.34811	0.1679051	3.1086674162668	(222232)	16.8	186.86451	207.62374	354.15150	7.35770	0.0660475	2.4331833162685
(222181)	14.9	315.06713	289.00535	154.60250	17.44704	0.0961547	3.1904137162668	(222233)	17.5	222.14095	188.27078	349.66398	3.17854	0.1287787	2.4105042162685
(222182)	16.2	184.20079	47.36329	167.87988	5.95525	0.1626504	2.3910714162669	(222234)	15.6	34.33020	85.52169	217.23652	12.02021	0.2771632	2.6578396162685
(222183)	14.7	321.49900	165.43974	316.68341	14.57050	0.2468262	3.0690231162669	(222235)	16.6	167.82742	205.28365	26.16087	15.55978	0.1047344	2.4646128162685
(222184)	17.5	223.44738	36.87438	142.96417	1.57377	0.1304002	2.3690901162669	(222236)	16.5	249.44653	148.57165	33.81280	12.60496	0.1199178	2.3707134162686
(222185)	18.0	0.20174	310.20335	117.27444	2.13373	0.2530387	2.2775292162670	(222237)	17.2	231.75292	65.87021	137.74283	1.69935	0.1349149	2.3790983162686
(222186)	16.7	92.24628	336.23979	319.64399	6.09651	0.1085217	2.3908623162670	(222238)	16.9	259.73831	160.57765	357.81748	1.28081	0.1294747	2.4087080162686
(222187)	14.4	318.10757	301.30273	147.29255	18.03437	0.1336747	3.1805223162670	(222239)	16.1	323.15857	72.50016	33.84891	23.77328	0.2752495	2.3470188162687
(222188)	15.2	349.71825	118.10469	313.36917	4.30449	0.1436790	3.0469797162670	(222240)	13.8	322.31565	33.56521	59.51516	25.81356	0.3883317	3.1306337162687
(222189)	16.1	308.02272	307.95914	157.47523	1.41910	0.1407711	3.1562409162671	(222241)	13.8	276.87024	53.83118	86.40980	27.78441	0.2074204	3.1905455162687
(222190)	16.1	286.14919	125.45555	33.26150	23.65929	0.2564800	2.3162817162671	(222242)	16.6	222.09313	180.87047	45.16472	7.24547	0.1280604	2.3903325162688
(222191)	17.3	285.74205	319.37053	176.02081	1.97432	0.1364649	2.3395861162671	(222243)	16.5	195.46941	336.88435	258.01886	2.29582	0.1572761	2.4354486162688
(222192)	15.5	278.11452	327.76989	156.41736	5.76140	0.1267025	3.2063721162672	(222244)	15.4	113.52741	67.68475	234.79602	11.69100	0.1865113	2.5518226162688
(222193)	14.9	321.48080	108.34066	345.54907	9.26312	0.1629537	3.1353376162672	(222245)	16.3	75.32318	106.34095	200.59991	12.35825	0.2974288	2.6251043162689
(222194)	16.6	195.21714	61.04128	136.79926	1.97169	0.1653897	2.4181040162672	(222246)	16.5	89.67989	124.68590	183.72344	3.30033	0.2565452	2.5937525162689
(222195)	15.6	272.44367	333.14658	167.95229	5.89403	0.1363938	3.1997275162672	(222247)	15.6	29.13995	127.63263	240.57357	10.87156	0.2387419	2.6575362162689
(222196)	14.8	16.90110	60.16864	348.51991	5.31878	0.1577584	3.1216962162673	(222248)	16.6	38.56985	4.21629	325.47869	3.48293	0.2966739	2.6933101162690
(222197)	14.6	266.67643	349.86880	128.04989	20.31523	0.1233861	3.2398480162673	(222249)	16.4	56.75578	183.13050	162.76838	7.00019	0.2652279	2.6335148162690
(222198)	14.6	289.81297	122.59141	350.32774	18.35295	0.1922782	3.1703843162673	(222250)	15.7	41.19339	343.20807	350.11810	12.46435	0.2071423	2.7133964162690
(222199)	15.5	341.23285	278.13818	142.82340	6.01020	0.1616505	3.1549726162674	(222251)	15.5	29.49468	21.43577	356.02284	12.17372	0.1818423	2.6768291162691
(222200)	16.3	257.81908	48.41202	100.68766	4.51388	0.1750940	2.3681244162674	(222252)	15.5	104.16425	325.78685	316.88341	11.74090	0.2277470	2.6113035162691
(222201)	16.8	255.35912	118.05307	69.26701	3.87810	0.1855802	2.3335678162674	(222253)	15.9	64.82699	148.97555	158.43150	11.55937	0.2182531	2.6706117162691
(222202)	16.1	174.89692	157.92072	68.35744	6.00578	0.1469650	2.4153336162675	(222254)	15.5	58.88175	289.55309	62.99941	7.07743	0.2466923	2.6529052162692
(222203)	17.0	200.29482	248.00249	313.10604	1.52643	0.1748954	2.3913137162675	(222255)	16.5	55.13048	244.45773	75.72044	5.35359	0.3220649	2.6855184162692
(222204)	15.2	349.79662	72.86297	331.12554	8.26764	0.1366169	3.1953827162675	(222256)	15.8	53.09096	157.14828	185.37631	3.38031	0.2316843	2.6548602162692

(222257)	17.0	62.81833	358.14157	337.02990	1.79587	0.1549218	2.6565799162693	(222309)	15.8	13.27939	77.52176	312.90558	4.55895	0.0759475	2.7058064162710
(222258)	15.8	74.76993	105.05209	187.56565	13.48523	0.2277269	2.6796306162693	(222310)	15.7	13.79896	26.66255	354.32031	9.10329	0.1438008	2.7286664162711
(222259)	15.8	19.24181	72.91825	315.95932	11.96336	0.1938214	2.6703840162693	(222311)	15.6	22.45183	116.40850	272.78992	7.63266	0.0895508	2.7096475162711
(222260)	15.0	334.29910	129.89590	316.84779	8.85341	0.3019517	2.6923472162694	(222312)	15.5	51.97115	26.53431	319.01430	21.34342	0.0690185	2.6897727162711
(222261)	16.2	65.64463	115.48568	199.19166	6.89066	0.2282286	2.6801678162694	(222313)	15.2	103.85922	240.86434	72.96506	14.54775	0.0800018	2.6489279162712
(222262)	16.2	39.68805	26.07917	317.97872	13.32731	0.2726492	2.6816087162695	(222314)	15.1	12.87105	55.37118	350.38773	13.93673	0.0869900	2.6349480162712
(222263)	15.6	14.59828	98.14955	274.51766	5.60247	0.1368718	2.6873357162695	(222315)	16.4	31.66719	279.90026	102.70922	8.09714	0.1654511	2.6700111162712
(222264)	16.2	63.73037	134.11794	171.28235	12.33324	0.2608809	2.6812026162695	(222316)	15.8	49.28331	337.99041	7.59508	7.51888	0.1891308	2.7346532162712
(222265)	15.5	24.97123	253.97816	141.15201	15.64260	0.2035600	2.6211115162696	(222317)	14.5	304.53888	114.65935	22.68945	34.53897	0.3747297	2.7298470162713
(222266)	15.6	38.77226	216.38136	143.93015	13.78367	0.1863845	2.6621080162696	(222318)	15.6	103.84029	102.65913	199.64594	11.36793	0.0279176	2.7012598162713
(222267)	16.2	43.12008	356.25072	357.40711	14.21152	0.1347562	2.6772400162696	(222319)	16.5	8.50564	1.32350	27.55130	3.98621	0.0947718	2.7336097162713
(222268)	15.4	83.98190	123.48609	180.62803	13.16227	0.2736338	2.6622262162696	(222320)	15.8	61.01901	202.76011	144.10946	12.45943	0.0597786	2.6638290162714
(222269)	15.8	24.22708	66.15187	300.96802	11.82222	0.1681298	2.6892595162697	(222321)	16.1	3.08365	14.15075	56.28830	5.97290	0.1873505	2.6605845162714
(222270)	16.3	31.59934	67.55768	305.31513	11.73064	0.2890906	2.6883985162697	(222322)	16.2	12.47619	248.39443	149.42253	6.34115	0.0819236	2.6820718162714
(222271)	15.7	115.60825	59.89316	218.58940	7.67946	0.1492535	2.6428155162697	(222323)	16.3	11.36383	273.82570	97.22272	7.21755	0.1883979	2.7672939162715
(222272)	16.4	297.99737	216.80445	248.16435	3.82549	0.0701803	2.7214923162698	(222324)	16.4	343.18747	61.72374	346.36947	7.87419	0.1611792	2.7771158162715
(222273)	15.4	11.10951	190.09771	212.10801	12.18865	0.2322300	2.6601543162698	(222325)	15.5	41.67978	292.50225	69.59685	13.48517	0.1784427	2.6934259162715
(222274)	15.5	86.91144	29.92733	297.92769	11.10988	0.0667088	2.6345666162698	(222326)	15.7	26.07140	253.64793	97.53366	6.79124	0.1955870	2.7789585162715
(222275)	14.8	47.65170	134.51992	264.74174	11.58503	0.2728308	2.6232861162699	(222327)	15.7	52.65770	130.70820	220.43402	8.45596	0.1490316	2.7215487162716
(222276)	15.6	324.69318	198.52061	244.54570	12.81044	0.1080969	2.6901961162699	(222328)	15.6	35.96965	317.40609	31.63523	9.73482	0.1643169	2.7694085162716
(222277)	15.5	110.94295	98.61244	178.50194	15.14188	0.1732643	2.6658438162700	(222329)	15.3	38.11490	280.00934	6.88324	9.66659	0.2778856	2.8454621162716
(222278)	15.5	86.83691	270.97058	28.31943	12.67140	0.2725338	2.6717734162700	(222330)	15.7	56.18158	134.14043	222.56488	7.95136	0.1513148	2.7064159162716
(222279)	15.5	19.25197	318.47340	45.67350	7.18538	0.0797502	2.7405138162700	(222331)	15.0	59.69287	127.20430	237.52985	13.79658	0.1125002	2.7000774162717
(222280)	15.5	44.30084	147.94875	224.82513	10.82546	0.2330118	2.6346639162701	(222332)	14.9	131.04744	34.47603	242.52515	11.81618	0.1208871	2.7120105162717
(222281)	16.0	74.65912	318.54594	0.39270	12.58295	0.1078609	2.6815740162701	(222333)	15.4	21.80637	140.20287	245.27720	12.45254	0.2289178	2.7622462162717
(222282)	16.0	53.66827	7.30467	354.54798	4.49305	0.0979406	2.6598261162701	(222334)	16.2	18.73422	250.71921	149.71357	4.22893	0.2587034	2.7296350162718
(222283)	15.5	100.11944	261.71614	32.06960	11.76068	0.1956472	2.6810030162702	(222335)	15.9	328.72283	55.78001	15.41267	15.08288	0.1129012	2.7560629162718
(222284)	15.3	54.13611	113.59055	236.68209	12.03345	0.0725519	2.6510557162702	(222336)	15.5	351.09893	148.57087	261.58022	6.94358	0.2167525	2.7791161162718
(222285)	15.4	40.99765	164.68891	218.44879	13.05876	0.1956725	2.6355093162702	(222337)	15.1	30.99389	110.64485	244.60620	11.61547	0.2326033	2.7702806162719
(222286)	16.1	83.57509	328.31990	358.45018	9.13796	0.1510725	2.6563088162703	(222338)	16.0	12.31091	14.31399	31.55802	10.52980	0.3066641	2.7452050162719
(222287)	15.5	61.15280	295.45623	56.34418	14.33425	0.1336336	2.6981455162703	(222339)	16.5	355.44868	115.54533	318.88311	11.82674	0.3762792	2.7148165162720
(222288)	15.4	34.03256	124.91595	258.90183	11.80195	0.1898394	2.6516241162703	(222340)	16.1	4.33677	196.82127	225.37994	5.28256	0.0644078	2.7143046162720
(222289)	15.3	66.80829	106.02448	210.49649	13.30408	0.1884591	2.7051036162703	(222341)	15.9	335.74399	46.14605	36.92065	13.38830	0.1408456	2.7434909162720
(222290)	16.3	355.09290	20.30833	24.00514	10.33841	0.2481899	2.7591461162704	(222342)	16.1	329.68452	271.47776	206.98312	7.46950	0.2009486	2.7419107162720
(222291)	15.7	71.18236	106.00116	209.30078	11.15507	0.2231606	2.7200241162704	(222343)	16.5	7.37364	114.02913	295.74623	2.44346	0.1720449	2.7510507162721
(222292)	15.2	78.07566	63.24727	261.87106	6.42212	0.1525190	2.6791019162705	(222344)	15.2	63.95201	259.52951	82.87949	14.17351	0.2144630	2.7266619162721
(222293)	15.6	40.62370	129.06070	232.65509	11.22413	0.1891349	2.7238136162705	(222345)	16.6	91.67848	274.86019	51.81411	6.02165	0.0625272	2.7174015162721
(222294)	14.9	5.88988	166.50857	232.84305	12.74375	0.1619966	2.7336814162706	(222346)	15.9	353.19061	169.79262	250.06007	2.79279	0.0895942	2.7728690162722
(222295)	16.3	0.93040	6.36764	51.39654	5.73972	0.2486100	2.6969192162706	(222347)	16.2	4.98475	42.57511	4.56927	4.27967	0.1015586	2.7521510162722
(222296)	16.0	39.39349	294.67041	52.27551	13.58827	0.2068306	2.7259336162706	(222348)	15.5	43.47563	92.60006	272.46011	5.13210	0.0723034	2.7576814162722
(222297)	16.3	350.04096	127.87034	282.59595	1.52043	0.1767890	2.7116199162707	(222349)	15.4	19.70530	145.98510	260.30159	6.93497	0.2763317	2.7462767162723
(222298)	15.3	220.58044	39.30095	166.01746	14.50402	0.0215477	2.6360226162707	(222350)	15.6	102.40670	230.71522	71.41484	5.39734	0.0503537	2.8026723162723
(222299)	15.7	36.51457	271.86536	84.68375	5.93957	0.1253445	2.7201631162707	(222351)	16.2	57.06059	128.26942	236.99396	2.43629	0.1187176	2.7173563162723
(222300)	16.0	61.66894	358.90661	353.17639	5.51182	0.0519074	2.6654856162707	(222352)	16.2	12.35262	356.90066	65.68018	4.57121	0.0738804	2.7154390162724
(222301)	16.3	49.00609	358.75408	4.57517	4.50942	0.1691069	2.6875995162708	(222353)	14.8	133.48792	33.37867	239.92422	13.09519	0.1695850	2.7266773162724
(222302)	16.0	45.09474	135.69450	200.50566	8.60930	0.1275943	2.7088391162708	(222354)	15.7	337.12125	343.54442	78.16273	7.28759	0.0440949	2.8028281162724
(222303)	15.6	345.17381	114.77067	298.05117	7.61733	0.1671730	2.7394457162708	(222355)	15.3	18.41841	257.94379	118.43981	13.16415	0.1783101	2.7727883162724
(222304)	15.9	82.39121	348.43767	303.22304	5.23265	0.0984587	2.7343396162709	(222356)	15.4	90.20730	264.12647	39.94299	9.27141	0.1317693	2.7256158162725
(222305)	16.0	2.37104	116.42939	314.05073	3.18028	0.1979194	2.6671408162709	(222357)	15.3	41.91977	285.73781	82.12962	17.02730	0.1382574	2.7334673162725
(222306)	15.4	176.46977	207.89160	2.03910	17.08274	0.0649063	2.7301280162709	(222358)	15.4	4.80632	268.32487	111.32420	25.16183	0.2300292	2.7781193162725
(222307)	15.5	57.98338	84.95551	265.77380	11.47503	0.1612642	2.6929292162710	(222359)	16.3	342.55270	92.69692	320.83634	6.54726	0.2261576	2.7971050162726
(222308)	15.8	7.47122	150.65051	258.69142	4.72110	0.1642599	2.6907882162710	(222360)	15.7	5.16182	237.30229	181.69073	15.52319	0.2571000	2.7306697162726

(222361)	15.5	10.98490	121.73468	275.58302	16.24831	0.1480914	2.7819205162726	(222413)	17.2	265.89960	14.96063	128.01523	4.35509	0.1010754	2.2272605162743
(222362)	15.7	338.86646	65.82207	12.69046	10.83770	0.1942235	2.7835160162726	(222414)	16.0	263.23986	350.11392	162.22693	4.18594	0.1664282	3.0011788162744
(222363)	15.1	28.23429	92.03390	321.68773	8.33684	0.1918218	2.7266652162727	(222415)	14.0	235.59507	138.11514	62.87232	22.95027	0.1013281	3.0495932162744
(222364)	15.1	12.95657	25.05042	46.62241	10.59089	0.1987213	2.7199925162727	(222416)	16.6	98.80977	139.01324	123.14732	6.43620	0.1741044	2.3708370162744
(222365)	15.8	356.64365	11.23896	39.44514	8.61953	0.2312211	2.7977405162728	(222417)	15.4	251.55923	115.49848	47.58911	7.77936	0.1873236	3.0955040162745
(222366)	15.2	359.52403	94.76941	8.43338	11.98999	0.1566304	2.7300065162728	(222418)	16.4	115.73564	233.30670	28.50886	4.75141	0.2852401	2.3500700162745
(222367)	14.8	31.66170	92.55582	314.23824	16.12779	0.2434712	2.7090022162728	(222419)	17.4	129.79685	88.51846	163.73262	5.41470	0.2328679	2.3465174162745
(222368)	16.3	141.00863	185.84057	70.80147	3.16204	0.0093395	2.8476631162729	(222420)	16.5	100.60051	229.05614	56.55893	6.61237	0.2385565	2.3806131162746
(222369)	14.8	290.26748	276.03717	197.70826	19.62457	0.2152377	2.8744586162729	(222421)	16.5	94.33492	214.90971	56.09836	5.59165	0.1895602	2.3765938162746
(222370)	15.6	7.65716	317.17241	97.81404	15.59403	0.1552471	2.7899900162729	(222422)	17.5	106.95534	78.89356	206.03173	3.47800	0.1802694	2.3515075162746
(222371)	15.3	20.34022	133.79481	277.87287	9.27619	0.2599600	2.7349401162730	(222423)	14.8	164.01300	191.15322	64.05510	10.37958	0.0737554	3.1766996162746
(222372)	15.7	10.10720	311.66129	91.51020	10.06815	0.2902022	2.7775671162730	(222424)	16.8	68.05660	19.76850	315.92506	5.03447	0.1501567	2.4041411162747
(222373)	15.7	18.90272	269.80199	138.87283	10.45308	0.2562560	2.7342047162730	(222425)	16.5	38.19740	256.06560	98.69305	7.83751	0.2413389	2.4497893162747
(222374)	15.3	189.88652	288.85723	292.48526	9.98910	0.0135522	2.8826209162731	(222426)	16.2	142.91391	243.45640	326.43841	18.77343	0.0422240	1.9309604162747
(222375)	17.1	277.17119	183.21073	312.70675	4.79833	0.0311997	2.1680821162731	(222427)	14.0	20.73349	252.68479	75.89198	9.86133	0.1920763	3.9516162162748
(222376)	14.6	48.03457	93.59414	291.11215	13.18244	0.2573618	2.7262444162731	(222428)	16.3	54.10654	302.55384	51.50408	7.76435	0.2423619	2.4420047162748
(222377)	16.5	342.77951	24.27381	54.66373	3.77774	0.0789730	2.1461878162732	(222429)	15.5	156.70156	279.82970	325.67632	12.81578	0.1627528	2.3665576162749
(222378)	14.9	272.27041	182.13336	285.84245	8.85000	0.0563657	2.9856150162732	(222430)	16.8	82.23742	304.03339	28.00343	2.37412	0.2150582	2.4023125162749
(222379)	13.4	302.20028	146.89915	308.94496	1.85033	0.0895009	5.1857805162733	(222431)	17.2	60.87457	282.12054	43.82116	3.62389	0.2037194	2.4372323162749
(222380)	14.7	247.65781	143.96010	64.61544	15.30114	0.1962738	2.9141417162733	(222432)	16.6	52.11601	343.27377	28.25395	6.26416	0.1563313	2.4092680162750
(222381)	15.1	285.57106	101.05783	15.86691	9.69690	0.1051946	3.0004912162733	(222433)	17.8	83.71560	45.73058	278.07226	1.50961	0.2292104	2.4192403162750
(222382)	14.6	196.87345	237.18071	313.75928	26.02547	0.1580513	3.0812034162734	(222434)	15.2	354.03244	34.50767	337.70515	33.92809	0.3456382	2.5815269162750
(222383)	15.3	112.45649	291.46410	348.81585	9.43822	0.0829661	3.0653500162734	(222435)	17.2	84.84330	56.96035	270.12226	1.29971	0.2064507	2.4098793162751
(222384)	12.2	327.42539	339.51042	91.69645	14.22558	0.0881308	5.1810487162734	(222436)	16.3	125.43484	299.15849	322.92189	14.38077	0.1774289	2.4199447162751
(222385)	17.0	264.24434	322.00982	176.41194	1.56625	0.0680325	2.1888747162734	(222437)	16.2	48.34129	336.41876	30.29783	1.93371	0.1820558	2.4504004162752
(222386)	15.2	346.75921	88.54752	326.72843	9.94956	0.0814704	2.9834115162735	(222438)	16.9	51.88452	210.30573	136.12924	6.95429	0.1872874	2.4454866162752
(222387)	15.2	345.99898	280.86071	150.05735	10.48297	0.0959846	2.9388514162735	(222439)	17.2	73.49988	334.21650	358.97623	1.03313	0.1997006	2.4233942162752
(222388)	15.2	293.61606	303.02851	171.57607	9.94446	0.1070372	2.9881399162735	(222440)	16.9	10.98642	72.28696	320.88420	19.72196	0.0870550	1.8985830162753
(222389)	17.8	352.19620	268.21022	172.23352	22.71384	0.2050505	1.7431611162736	(222441)	17.2	40.73252	151.03394	208.30457	20.73908	0.0757721	1.9093722162753
(222390)	15.0	217.41124	38.47388	137.70459	13.30614	0.1002630	3.0622177162736	(222442)	17.0	140.40740	259.78170	15.58596	21.13933	0.0994814	1.8828718162753
(222391)	15.2	211.94337	356.20246	170.90446	17.77343	0.2126073	3.1058691162736	(222443)	17.2	18.54937	124.00521	264.50948	20.07317	0.0784304	1.9072960162754
(222392)	15.2	230.06982	140.03449	51.83087	6.55772	0.0710089	3.0298819162737	(222444)	16.3	34.50053	173.06762	130.53404	6.73507	0.1277051	2.5567076162754
(222393)	16.8	307.36974	357.13197	117.22394	2.27798	0.1017681	2.1945074162737	(222445)	15.3	338.04937	88.51016	323.42908	27.61958	0.3589863	2.6105200162754
(222394)	17.2	179.04450	187.71975	31.76688	5.14112	0.1611180	2.2654303162737	(222446)	17.7	33.09783	51.17111	327.99804	0.79413	0.1947978	2.4523038162755
(222395)	16.7	152.23828	106.25784	138.43193	22.58834	0.0438078	1.8145398162738	(222447)	16.0	71.59125	299.62606	87.47027	7.40509	0.1015422	2.3449411162755
(222396)	16.4	253.75616	326.12252	208.33717	0.53021	0.2299444	2.9778836162738	(222448)	15.9	341.28350	234.33134	238.11386	19.83433	0.0900118	1.9007199162755
(222397)	17.3	209.67076	7.03320	177.94882	4.39790	0.1188048	2.2532115162738	(222449)	16.1	7.29148	165.00617	270.25902	8.17041	0.1949212	2.4124331162756
(222398)	15.2	232.06519	143.78478	34.82555	5.83980	0.0986852	3.0796231162739	(222450)	14.5	49.97405	155.59548	164.34154	4.23088	0.2619848	3.9532632162756
(222399)	15.5	297.54753	98.54168	13.89997	8.98990	0.0975797	3.0388880162739	(222451)	17.3	56.85902	127.50567	227.18634	0.45850	0.2000020	2.4477057162757
(222400)	17.1	191.20819	53.29693	182.78371	2.09381	0.1235472	2.2256038162739	(222452)	16.6	37.11991	11.02253	6.59511	6.22104	0.2437297	2.4485854162757
(222401)	14.9	151.65441	252.98781	6.04274	10.15963	0.0571242	3.1189864162739	(222453)	16.0	358.91115	11.76862	4.92000	9.23532	0.2109414	2.5253698162757
(222402)	14.7	249.97089	151.45238	355.23786	11.28288	0.1495648	3.1027733162740	(222454)	14.8	40.92898	275.24782	34.37732	10.28548	0.2553254	3.9633274162758
(222403)	16.2	244.18807	257.69409	262.35442	0.68275	0.1121669	3.0785337162740	(222455)	15.9	338.17649	105.72705	281.84126	2.46401	0.2164575	2.6316371162758
(222404)	14.6	209.78201	171.45461	14.08382	27.42411	0.1062918	3.1688316162740	(222456)	16.9	37.20242	181.29389	191.87695	6.11936	0.2030822	2.4483241162759
(222405)	15.3	252.82846	126.08137	17.50406	5.99489	0.1212412	3.0580746162741	(222457)	16.9	38.42009	131.32620	289.56415	0.60095	0.1612413	2.3697849162759
(222406)	14.9	232.06533	125.61867	56.06095	8.35890	0.2261988	3.0750983162741	(222458)	16.6	344.99332	137.76759	284.50891	2.13266	0.1783134	2.4906819162759
(222407)	14.4	175.30676	213.28721	25.33826	29.10764	0.2026581	3.1601239162741	(222459)	16.6	10.24746	246.95906	171.60594	4.94374	0.0887514	2.4309820162760
(222408)	15.3	178.24108	24.44087	176.60484	5.25175	0.1350282	3.1544669162742	(222460)	16.1	100.34640	77.14765	244.00384	3.90364	0.0952748	2.4006357162760
(222409)	16.0	290.44413	69.59832	71.20374	4.64644	0.0775129	2.1870970162742	(222461)	17.2	109.93055	255.81809	2.62739	19.42032	0.0814590	1.9396168162761
(222410)	15.3	221.42921	143.83466	33.01232	9.68313	0.0282002	3.1132055162742	(222462)	16.4	60.83862	331.01664	8.56213	3.87861	0.2026721	2.4743934162761
(222411)	16.0	283.62851	145.09837	340.67280	4.56580	0.2390763	2.9841060162743	(222463)	15.9	92.44103	81.16955	243.92326	6.33124	0.0954353	2.4302613162761
(222412)	15.5	246.62854	172.40761	3.47327	6.24484	0.1566094	3.0593927162743	(222464)	16.8	50.37552	126.39342	226.12301	1.92177	0.0838771	2.4681128162762

(222465)	17.1	353.48230	220.67723	190.54869	14.02805	0.0975399	2.5187105162762	(222517)	14.8	61.81198	117.56324	193.75379	8.93348	0.0970656	3.9873004162783
(222466)	16.3	78.56757	308.88854	16.64686	8.39420	0.1409054	2.4461191162763	(222518)	16.9	64.12621	258.03737	68.95064	5.04515	0.1453050	2.4806584162783
(222467)	16.7	22.99480	302.18750	94.68185	3.75110	0.1970368	2.4583495162763	(222519)	16.5	63.45231	227.56013	77.40550	6.61651	0.2505067	2.5401657162784
(222468)	17.5	55.15656	293.08444	34.09505	1.59238	0.2247920	2.4866160162764	(222520)	14.4	38.47638	296.37572	31.13896	8.28009	0.2750768	3.9935645162784
(222469)	16.2	28.37634	355.87776	40.47090	5.70763	0.0876159	2.4392436162764	(222521)	14.4	99.44170	264.97023	2.30737	9.31325	0.1837822	3.9366078162784
(222470)	16.1	14.06493	24.03028	36.78472	7.09359	0.0963781	2.4196343162764	(222522)	15.5	310.46116	196.00311	263.62871	13.55971	0.0663542	2.5544063162785
(222471)	16.7	9.96899	331.55204	13.60914	3.67598	0.2607219	2.5725664162765	(222523)	16.5	48.33567	148.73404	208.46242	10.89250	0.2885490	2.4766972162785
(222472)	16.3	13.45466	32.26431	3.79729	10.55988	0.1489138	2.4853038162765	(222524)	16.6	40.61415	270.11214	33.66067	16.38166	0.2775868	2.5652471162786
(222473)	14.5	37.70031	323.05061	12.86075	9.61506	0.1451077	3.9774027162766	(222525)	16.4	157.49039	220.74897	359.88672	4.51538	0.1174348	2.5551586162786
(222474)	16.6	35.68729	306.86424	20.32968	14.45228	0.3141458	2.5451281162766	(222526)	16.9	109.77557	272.21783	35.65746	22.10867	0.0743495	1.9139014162786
(222475)	15.4	0.06299	356.14652	39.90922	13.05967	0.2070556	2.5579357162766	(222527)	17.1	7.57286	193.69440	219.99191	22.87663	0.1346499	1.9161133162787
(222476)	16.2	180.94453	46.90942	186.90061	8.63747	0.0377764	2.4167126162767	(222528)	17.4	334.94554	47.62364	41.07296	21.41827	0.0896655	1.9285871162787
(222477)	17.0	36.04234	176.67223	198.64719	4.80399	0.1894191	2.4604201162767	(222529)	15.6	301.87740	153.59718	329.49417	8.96384	0.2043165	2.5366900162787
(222478)	16.4	358.95804	132.91353	298.52092	3.38002	0.1764185	2.4395507162768	(222530)	16.9	13.02349	300.28037	85.42683	6.22919	0.2438138	2.5452665162788
(222479)	17.0	64.79986	2.06588	321.32536	5.41469	0.1228343	2.4840446162768	(222531)	16.5	79.43592	284.73359	94.69949	3.15210	0.1904238	2.4059388162788
(222480)	16.9	153.77885	53.73132	203.31393	4.63129	0.0812968	2.4347215162769	(222532)	16.2	333.26344	15.84203	65.22878	4.30700	0.1234276	2.5413389162788
(222481)	15.3	356.16982	180.54967	250.01801	8.59481	0.2706170	2.5441672162769	(222533)	16.5	325.80297	275.63746	123.02190	4.91844	0.2214680	2.6481034162789
(222482)	16.6	124.36014	86.03558	218.80958	21.10936	0.1207163	1.9009274162770	(222534)	16.1	48.27372	110.98625	223.46317	15.58104	0.2309492	2.5266182162789
(222483)	17.3	72.69762	110.14990	234.02935	4.19460	0.1164736	2.4428974162770	(222535)	16.4	46.95732	134.14831	196.22067	8.54282	0.1794007	2.5691378162790
(222484)	17.4	28.12904	127.57330	193.05096	4.53813	0.3160058	2.5619381162770	(222536)	17.0	48.89820	0.85314	7.72602	20.31305	0.0822501	1.8916384162790
(222485)	16.2	334.54141	39.56765	11.57543	21.93086	0.0610432	2.5579689162771	(222537)	16.8	94.05017	264.60583	52.74615	7.97654	0.1714452	2.4758210162790
(222486)	15.9	73.56651	331.30964	9.69202	6.61659	0.1555763	2.4647894162771	(222538)	16.2	319.59289	134.27449	262.51743	3.40239	0.1056235	2.6691423162790
(222487)	17.2	353.55019	156.93971	288.68182	0.39117	0.1601851	2.4338264162772	(222539)	15.4	257.50475	254.06547	235.34280	13.06258	0.0759059	2.6316083162791
(222488)	14.6	47.69325	239.28249	80.21717	3.98376	0.2091707	3.9682722162772	(222540)	16.5	74.22862	92.56196	207.41986	8.13103	0.1642276	2.5692574162791
(222489)	17.2	61.87033	212.81921	127.50033	2.29755	0.1957747	2.4443611162772	(222541)	14.5	34.26660	344.25258	62.23957	7.63716	0.3274003	2.5617627162792
(222490)	14.9	37.56504	206.38330	133.31567	3.47386	0.2707301	3.9693253162772	(222542)	17.0	40.44981	271.08328	64.90164	7.71635	0.2852021	2.5214148162792
(222491)	16.7	18.44772	353.17048	52.01242	3.37619	0.0784853	2.4825018162773	(222543)	17.1	313.91698	67.19133	35.10706	4.84178	0.2151871	2.5690511162793
(222492)	17.4	39.09400	314.36421	19.44587	5.93653	0.2746759	2.5447221162773	(222544)	15.6	105.16181	77.24690	227.39646	11.74215	0.1334276	2.5436412162793
(222493)	15.5	152.10386	203.57420	29.47069	14.78890	0.1232318	2.5553607162774	(222545)	16.7	295.52484	160.85175	325.78281	3.24097	0.0980005	2.5371095162793
(222494)	16.7	26.86584	189.14215	190.80205	3.92512	0.1909710	2.5168000162774	(222546)	17.1	308.07546	276.13778	225.76899	19.80555	0.0692549	1.9056957162793
(222495)	17.6	9.34115	221.94087	203.24725	21.89223	0.1056048	1.8986380162774	(222547)	16.8	3.44418	12.48201	46.83985	23.54211	0.0755438	1.9384417162794
(222496)	16.6	38.11307	86.76622	289.47449	18.62149	0.1018213	1.9188933162775	(222548)	15.5	352.24452	352.37255	75.46063	12.73514	0.1389914	2.6071478162794
(222497)	15.6	333.33829	86.73161	345.74013	27.37942	0.3754982	2.6183318162775	(222549)	16.0	330.84458	317.45367	126.19020	4.04770	0.1895233	2.5841912162794
(222498)	17.5	354.64397	31.74293	14.57890	2.44489	0.1901205	2.5198286162776	(222550)	16.1	31.42739	321.82283	34.11639	18.34273	0.2363489	2.5660322162795
(222499)	17.3	74.78539	303.79469	346.67545	1.59407	0.1697900	2.5306876162776	(222551)	16.4	4.19146	352.59330	42.91315	4.45381	0.1950416	2.5797669162795
(222500)	16.9	63.41838	306.55440	57.16611	7.04796	0.1178337	2.4426756162776	(222552)	17.0	313.57166	76.19557	39.35690	21.41592	0.1052917	1.9384613162796
(222501)	15.6	28.74774	43.72758	333.48395	9.19259	0.1991313	2.5375505162776	(222553)	16.6	352.48636	214.91588	226.55181	2.09478	0.2158066	2.5293780162796
(222502)	16.1	5.82653	345.89115	57.10156	6.65031	0.1064798	2.4791565162777	(222554)	16.6	339.44303	116.77445	346.30781	0.37995	0.1702574	2.5229213162797
(222503)	15.4	12.53870	86.53645	313.54223	6.43130	0.1925815	2.5525233162777	(222555)	16.0	2.65018	351.20633	44.66094	5.33891	0.2128412	2.5837092162797
(222504)	16.9	348.74117	231.10751	204.27757	6.22850	0.1408160	2.4930403162778	(222556)	15.8	9.60009	112.97284	266.98984	4.25151	0.0989801	2.6206550162798
(222505)	16.9	327.81001	239.93023	201.18658	20.09818	0.0947015	1.9319064162778	(222557)	15.6	37.23010	131.00548	236.23581	4.62491	0.1644603	2.5671727162799
(222506)	16.6	38.87576	170.42926	210.33127	21.54695	0.0891813	1.9180890162779	(222558)	16.2	10.03927	165.78586	251.63425	2.51577	0.1398710	2.5458081162799
(222507)	15.3	240.05565	91.58370	36.72981	21.79610	0.0512355	2.6008858162779	(222559)	16.6	2.66072	118.40388	282.89504	3.37342	0.2076213	2.5828964162800
(222508)	16.9	352.96167	92.43619	289.62440	3.19195	0.2442428	2.5869725162780	(222560)	15.2	2.55378	345.22125	78.31676	15.17056	0.2087871	2.5785365162800
(222509)	15.8	10.83656	81.85183	350.45595	7.30104	0.3190752	2.5434378162780	(222561)	16.8	322.31593	204.35677	257.92427	4.97841	0.2499415	2.5630467162801
(222510)	16.9	154.72322	29.12706	236.82915	19.29825	0.0551053	1.9179658162780	(222562)	16.7	349.74262	45.94936	33.28594	6.91079	0.2159153	2.5428120162801
(222511)	15.6	26.78779	318.60312	54.61724	15.98063	0.1535651	2.5270920162781	(222563)	15.6	338.67459	178.50239	252.42658	7.99839	0.1396820	2.5796368162801
(222512)	17.0	95.66660	101.23162	216.43367	20.69964	0.0470658	1.9320732162781	(222564)	16.7	330.87855	78.87757	14.90450	7.59829	0.1182482	2.5500454162802
(222513)	16.4	337.21854	26.01475	40.29664	4.04135	0.2040302	2.5703753162781	(222565)	16.2	289.50049	97.53643	56.49643	8.38443	0.0320572	2.4711980162802
(222514)	16.7	47.52563	93.29439	217.87677	7.58948	0.2628256	2.5493567162782	(222566)	15.5	95.18493	301.93502	2.22650	12.54522	0.1424209	2.5205172162803
(222515)	16.0	59.66210	80.61052	236.53722	7.37551	0.2447915	2.5223179162782	(222567)	17.3	344.52096	66.44346	348.73006	2.59836	0.1695712	2.5813022162803
(222516)	16.7	0.68956	24.16688	7.41038	17.71141	0.1904214	2.5700076162783	(222568)	16.1	307.62460	193.32435	268.31100	4.16097	0.1255138	2.5790106162803

(222569)	16.0	339.65418	336.36013	114.48303	14.65998	0.2033654	2.5582983162804	(222621)	15.5	17.00926	307.86525	120.38959	6.53258	0.2909327	2.5332986162823
(222570)	15.7	346.44080	350.02661	105.43774	15.25300	0.2176066	2.5322859162804	(222622)	16.3	335.55429	30.36650	54.50305	15.72181	0.1414651	2.5481763162823
(222571)	15.2	101.93045	38.93501	257.82186	9.91368	0.1189084	2.5636767162804	(222623)	16.2	56.82609	45.73084	298.90530	2.49494	0.1539081	2.5581392162824
(222572)	16.5	349.74160	30.05101	32.06869	4.80696	0.2395680	2.5747639162805	(222624)	15.2	130.07298	21.37824	250.57318	12.62292	0.2389735	2.5605387162824
(222573)	15.9	316.66710	63.95808	64.59809	4.97117	0.2365457	2.5858171162805	(222625)	16.5	349.37927	151.50489	266.51451	2.30356	0.2012825	2.5864545162824
(222574)	16.1	326.90280	328.67632	116.76118	4.37715	0.2018755	2.5740072162806	(222626)	16.1	55.91621	112.44988	233.83108	3.98864	0.1226665	2.5602967162825
(222575)	15.8	352.77629	63.81502	5.77952	14.74738	0.2121805	2.5847258162806	(222627)	16.7	8.56284	220.08430	205.44472	1.30787	0.1055388	2.5208780162825
(222576)	16.5	83.67242	255.02934	56.17511	2.94620	0.1449048	2.5524326162807	(222628)	15.3	35.38633	78.00143	272.38503	11.49033	0.2036856	2.6341015162826
(222577)	15.6	307.84517	182.44634	269.48516	5.28960	0.1137545	2.6225389162807	(222629)	15.6	19.08192	288.61434	107.50633	11.53704	0.1477545	2.5998864162826
(222578)	16.1	170.39141	340.74648	242.43410	9.57783	0.0630301	2.5905612162807	(222630)	15.9	317.06750	35.00179	83.38406	13.81701	0.2159178	2.6000400162826
(222579)	17.0	329.75778	244.74331	219.31359	4.86722	0.2012278	2.5257785162808	(222631)	16.2	320.13544	91.61718	4.85130	4.23501	0.1649258	2.6185300162827
(222580)	15.6	21.50588	295.63527	88.01773	14.09994	0.2114403	2.5570357162808	(222632)	15.5	353.34004	58.32268	311.38959	8.39112	0.2383395	2.7089729162827
(222581)	16.6	303.03697	93.69989	28.30705	4.39997	0.2640384	2.5642767162809	(222633)	15.3	14.77285	345.62978	52.55502	6.09060	0.1885478	2.6031850162828
(222582)	15.6	291.88428	223.84186	266.69926	11.90362	0.1913109	2.6356290162809	(222634)	15.8	2.96047	49.87873	18.77129	5.08093	0.2051127	2.5864279162828
(222583)	15.5	95.66108	216.52583	70.41261	11.67894	0.1120733	2.5963607162809	(222635)	15.7	353.71057	354.48647	81.58389	8.83576	0.1696873	2.6130358162828
(222584)	16.0	336.82734	350.28864	80.80296	8.75306	0.1382275	2.5862771162810	(222636)	16.9	18.67933	168.72480	239.70468	1.55164	0.1524261	2.5166679162829
(222585)	17.1	305.97908	41.09850	72.04003	5.33608	0.0884525	2.5444694162810	(222637)	16.8	0.72162	215.71469	194.34015	3.20397	0.1126494	2.5563186162829
(222586)	16.9	29.90736	252.18835	115.72303	1.32036	0.1380794	2.5566972162810	(222638)	16.6	326.64722	302.42995	149.47052	0.94672	0.0916902	2.5585967162830
(222587)	14.4	316.36225	51.78740	63.55893	6.02237	0.1565195	3.9978688162811	(222639)	15.7	191.52415	329.81126	232.44612	11.73481	0.0567408	2.6118443162830
(222588)	15.8	40.05817	84.95585	251.41762	6.93453	0.1335544	2.6407152162811	(222640)	16.0	45.50561	102.37386	231.88134	8.33606	0.2252244	2.5862032162830
(222589)	16.8	29.35964	57.33279	326.79317	1.09375	0.1201217	2.5530077162811	(222641)	16.4	359.21189	245.02812	239.29578	5.39576	0.0766666	2.4349189162831
(222590)	16.2	115.89400	223.05538	50.39375	7.75490	0.1060992	2.5666292162812	(222642)	16.5	353.19484	200.75595	220.64828	2.62339	0.0545553	2.5813712162831
(222591)	17.3	7.00157	350.33158	56.37784	2.41215	0.1685053	2.5495893162812	(222643)	15.5	20.73549	137.28768	246.86895	13.23220	0.0759680	2.5970527162831
(222592)	15.7	315.18361	85.69249	25.87498	27.65104	0.1737952	2.5700297162812	(222644)	16.9	358.85485	320.56475	92.90979	6.74420	0.2474305	2.5841626162832
(222593)	16.6	69.72224	72.14946	260.04568	18.51706	0.0747797	1.9577000162813	(222645)	15.8	34.92409	228.25744	156.45267	1.62751	0.1314868	2.5793318162832
(222594)	16.6	11.95887	294.43297	89.42953	23.86175	0.0950205	1.9813964162813	(222646)	15.7	41.94817	92.12653	266.77386	8.98230	0.1038982	2.6262327162832
(222595)	16.3	269.17208	71.22188	79.36313	23.66249	0.0854111	1.9732748162813	(222647)	15.9	295.80623	201.49287	265.22850	2.50811	0.1083252	2.6686657162833
(222596)	15.5	61.03116	128.66262	222.45252	2.50845	0.1099282	2.5691789162814	(222648)	16.0	337.10737	320.31454	117.41253	5.28481	0.135108	2.6204501162833
(222597)	16.7	32.09822	172.61247	197.43392	13.07581	0.3297609	2.5341234162814	(222649)	16.6	336.32070	278.62803	160.79018	2.61824	0.1957524	2.6151260162833
(222598)	16.3	77.17872	238.71166	59.88753	12.65225	0.1452825	2.5974016162815	(222650)	15.9	346.03750	344.14226	94.94682	6.16599	0.1333570	2.5957524162834
(222599)	15.3	310.43972	54.28504	63.52674	12.37747	0.1483450	2.6404319162815	(222651)	16.2	338.57769	164.95397	269.84617	1.05382	0.0675658	2.6357697162834
(222600)	15.0	8.03988	168.03258	285.90193	34.18732	0.2055683	2.5468180162815	(222652)	16.2	10.66631	278.29748	111.09386	13.93413	0.1930116	2.6378873162834
(222601)	15.9	334.89173	165.63906	287.87635	13.75747	0.1089173	2.5775405162816	(222653)	16.4	341.34463	283.19347	170.50382	3.35360	0.1799590	2.5908562162835
(222602)	15.5	348.84929	113.96533	301.59302	13.76829	0.0769293	2.6491687162816	(222654)	15.7	276.39774	263.15691	254.86066	6.50548	0.1316830	2.6088599162835
(222603)	15.8	357.49977	7.79012	71.76301	11.57962	0.1481678	2.5757127162816	(222655)	15.9	30.84502	102.73590	273.16998	3.53301	0.3208610	2.5690856162836
(222604)	15.8	304.51683	99.12874	54.19619	5.39874	0.2727366	2.6216941162817	(222656)	16.0	8.78698	259.70418	148.51571	3.97552	0.2366508	2.5919340162836
(222605)	14.8	23.76468	66.28954	316.76791	15.78665	0.2799957	2.5800585162817	(222657)	16.2	331.79907	185.16376	275.10754	5.38006	0.0911246	2.6041425162836
(222606)	15.7	291.12983	186.44637	312.98059	9.29827	0.1846080	2.5566391162817	(222658)	16.2	45.54026	281.24562	127.15139	2.83868	0.2189086	2.5179351162837
(222607)	15.2	106.66577	271.64280	23.79191	10.89480	0.1289768	2.5938801162818	(222659)	15.2	299.72589	266.82276	250.93454	11.58560	0.2078649	2.5592260162837
(222608)	15.9	329.56436	63.57048	42.78807	9.34633	0.1251151	2.5757757162818	(222660)	16.2	12.84763	318.04448	98.73315	5.00833	0.1560595	2.5769733162838
(222609)	17.2	353.07301	178.98334	223.16521	1.80717	0.2007824	2.5956940162818	(222661)	15.5	163.68160	1.00829	241.33505	12.47591	0.0966497	2.5447530162838
(222610)	16.5	353.81248	329.23759	111.83125	8.66482	0.2410992	2.5461783162819	(222662)	15.4	135.61427	215.37904	51.89028	9.90595	0.2113223	2.5442051162838
(222611)	15.6	60.44961	115.58664	245.95106	8.27668	0.1011410	2.5475759162819	(222663)	16.7	352.88710	45.02490	5.61047	2.23706	0.1488197	2.5943514162839
(222612)	15.6	270.77901	199.90125	267.04165	13.74640	0.1816659	2.7361481162819	(222664)	16.4	15.97617	310.44403	68.09834	8.54747	0.1985366	2.5947353162839
(222613)	16.3	347.94820	349.15743	77.89314	5.40901	0.2617669	2.6243217162820	(222665)	16.4	20.73104	293.30317	69.92505	12.87048	0.2910891	2.5924568162839
(222614)	16.0	300.45928	13.87231	90.88836	5.16897	0.1123298	2.5883261162820	(222666)	16.1	60.69996	290.61466	59.66183	10.94521	0.2515304	2.5320201162840
(222615)	16.4	315.94049	9.66714	97.81946	5.02227	0.1481928	2.5539418162820	(222667)	16.0	10.80160	323.87293	79.12597	5.08627	0.1139367	2.5779891162840
(222616)	16.7	12.74996	180.40216	200.53400	2.88971	0.1804894	2.5885810162821	(222668)	15.9	331.13987	143.37176	285.44392	4.48389	0.1182169	2.6410997162841
(222617)	16.2	296.52408	295.18531	209.27223	3.08971	0.1409248	2.5729276162821	(222669)	16.2	16.86473	56.40277	348.73660	3.52366	0.1747807	2.6054332162841
(222618)	15.6	46.66405	149.03138	226.10409	12.38237	0.1324611	2.5302475162821	(222670)	15.6	49.81978	249.82069	99.42775	15.81003	0.1798603	2.6277526162841
(222619)	15.7	53.51988	141.84088	210.06691	11.16325	0.2180456	2.5473590162822	(222671)	16.9	356.81598	128.40999	291.40658	2.88292	0.1655314	2.5511443162842
(222620)	16.6	7.83269	192.47275	217.67265	4.22291	0.1831305	2.5585341162822	(222672)	16.8	357.98095	4.28210	63.22896	3.46910	0.1996262	2.5383941162842

(222673)	16.5	25.57369	313.81081	60.45043	4.40236	0.0806575	2.5993025162843	(222725)	15.5	23.17190	130.29464	282.98053	4.06558	0.2374000	2.5816931162862
(222674)	15.5	70.80180	43.21459	292.64716	5.75471	0.0543885	2.5902611162843	(222726)	16.1	338.25954	174.31412	295.98439	3.02430	0.2522111	2.5886593162862
(222675)	15.3	62.20940	62.66257	261.61932	15.21458	0.2295289	2.5911498162843	(222727)	15.5	354.72879	277.01261	146.99968	14.78364	0.0672352	2.6897709162863
(222676)	15.7	295.58402	71.16723	68.88673	12.97301	0.2328863	2.5934934162844	(222728)	16.5	233.34494	111.77731	47.96703	3.46567	0.0441260	2.7343059162863
(222677)	15.8	350.74624	357.46791	70.96686	5.55842	0.1080261	2.5866531162844	(222729)	16.4	17.68453	104.09144	298.79471	1.88272	0.2549395	2.5900421162863
(222678)	16.0	330.08292	170.83512	281.83261	4.00887	0.1887422	2.5933626162844	(222730)	16.3	335.65823	90.20990	333.01149	4.41597	0.1337394	2.6847074162864
(222679)	15.6	109.90649	223.12655	66.69232	5.66161	0.1854770	2.5893995162845	(222731)	16.5	359.97560	57.50743	18.14731	2.31433	0.0993563	2.6096803162864
(222680)	15.6	304.44396	30.38445	90.61028	13.55037	0.1349944	2.6184339162845	(222732)	15.3	281.59087	158.37577	354.15571	11.67238	0.1173861	2.5997019162864
(222681)	15.8	321.53578	335.72111	102.00243	11.20783	0.1008627	2.6854158162846	(222733)	16.1	276.22205	157.44872	343.03573	4.14451	0.1242794	2.6464268162864
(222682)	15.4	359.47476	331.08643	97.27246	9.14344	0.2140914	2.5897032162846	(222734)	15.8	347.22878	14.25369	66.57359	7.71536	0.2442540	2.6040557162865
(222683)	16.1	344.30390	4.34354	73.99212	8.77029	0.1610326	2.6141333162847	(222735)	16.2	332.30965	305.56349	127.85862	13.26769	0.2242457	2.5994138162865
(222684)	16.0	41.19822	299.27585	74.41549	3.55788	0.1998057	2.5624803162847	(222736)	15.2	295.16065	236.30751	246.70007	12.61869	0.2327865	2.6777396162865
(222685)	16.0	32.76156	2.43006	7.25695	5.43511	0.3240737	2.5752174162847	(222737)	16.7	343.52949	346.16031	88.59662	3.87560	0.1410464	2.6467904162866
(222686)	16.5	20.06213	308.61376	89.57026	5.70675	0.3129217	2.5753233162848	(222738)	16.6	341.50047	262.05628	176.88988	3.62596	0.1831034	2.6380175162866
(222687)	15.9	327.41193	99.44604	9.47003	5.07940	0.3042774	2.5783063162848	(222739)	16.3	62.81986	352.16933	339.40967	5.25226	0.0287087	2.7384574162866
(222688)	16.3	89.41665	338.96637	24.21531	6.85772	0.1467876	2.4839535162849	(222740)	15.3	340.14551	61.00077	50.14338	13.62563	0.1436009	2.5655076162867
(222689)	16.3	359.11271	175.21482	283.97416	17.08415	0.0935328	1.9538923162849	(222741)	15.6	331.84686	115.73939	331.28484	30.44214	0.2622726	2.6222191162867
(222690)	15.2	320.85956	136.30318	301.06821	21.20514	0.0292552	2.6611465162849	(222742)	16.0	343.97258	54.65669	25.22321	18.57215	0.2090332	2.6155448162867
(222691)	15.6	331.51001	315.97551	102.80011	18.69303	0.0974923	2.7105854162849	(222743)	16.5	337.58056	24.11610	47.32656	6.78688	0.2434823	2.6287738162868
(222692)	16.9	41.89690	215.29268	150.03605	2.13750	0.0671217	2.6792134162850	(222744)	15.6	277.52520	183.39006	302.61543	2.32061	0.1349601	2.7267523162868
(222693)	15.7	291.95401	195.54268	301.61354	7.15547	0.1636308	2.6542391162850	(222745)	15.9	336.22471	303.68197	147.09454	13.19201	0.1435476	2.6605738162868
(222694)	15.7	311.23891	145.87817	312.74304	10.32003	0.2186109	2.6863731162850	(222746)	15.7	344.13743	4.13872	47.17286	13.18078	0.1651216	2.6604900162869
(222695)	15.9	10.84891	66.22544	19.72438	4.12844	0.2942336	2.5543537162851	(222747)	15.9	10.18671	303.03195	98.24948	18.53836	0.2458881	2.6224186162869
(222696)	16.4	355.10361	30.47872	22.10266	12.92872	0.2765649	2.6166379162851	(222748)	15.1	318.19665	73.18265	24.89590	17.13671	0.2330406	2.6304563162870
(222697)	16.2	357.92756	350.32269	84.07064	5.15819	0.2209243	2.5943640162852	(222749)	16.3	332.42238	70.70690	36.48508	5.21578	0.1389783	2.6131855162870
(222698)	15.0	335.11921	250.60806	196.86243	15.48758	0.2801155	2.6065559162852	(222750)	15.4	326.07318	72.13277	40.39687	12.59411	0.2149364	2.6408312162870
(222699)	15.6	357.00624	81.21263	344.46564	3.56745	0.1735742	2.6340484162853	(222751)	17.3	359.11645	99.36962	306.34443	18.47783	0.0473966	1.9991406162871
(222700)	15.6	43.18149	247.23073	120.25472	15.77666	0.1991821	2.6193227162853	(222752)	16.3	326.45395	60.01247	30.73502	3.52895	0.0493945	2.6562705162871
(222701)	16.1	293.70255	357.06617	126.58043	4.60030	0.0565496	2.6717646162853	(222753)	14.7	9.07285	36.46150	50.50827	13.10047	0.3710242	2.5598224162871
(222702)	15.7	337.19077	165.26860	283.79082	4.47177	0.1944918	2.6327065162854	(222754)	16.3	6.73447	21.27759	41.45485	5.34116	0.2543122	2.5916339162872
(222703)	16.6	18.50155	96.05844	289.31222	11.31393	0.3089403	2.5597147162854	(222755)	15.2	206.91772	225.07343	335.98770	12.45885	0.1372299	2.7548684162872
(222704)	16.2	45.73180	316.76140	49.63015	3.91735	0.2081359	2.5923149162855	(222756)	16.3	34.30881	2.25522	41.30246	6.25788	0.2748559	2.5681369162873
(222705)	16.6	357.97684	24.80837	34.23790	2.84842	0.0547281	2.6314893162855	(222757)	16.3	278.27679	161.30005	315.11335	3.68279	0.0767550	2.7586965162873
(222706)	16.4	349.23734	329.38375	99.26308	6.30385	0.1524182	2.6181067162855	(222758)	15.6	280.41865	244.46804	247.78097	8.60188	0.0951550	2.7413264162873
(222707)	16.0	141.86892	302.83398	312.58116	4.03799	0.0657488	2.7132983162855	(222759)	16.8	347.58159	131.47852	296.34112	1.64957	0.1077130	2.6434885162874
(222708)	16.4	3.60517	230.32966	175.76915	4.96598	0.3183073	2.5996264162856	(222760)	15.9	324.33726	138.58242	303.22792	11.08060	0.1547472	2.6856959162874
(222709)	15.8	354.27945	267.82178	169.15621	6.36541	0.3093918	2.5997362162856	(222761)	15.9	358.35650	54.68965	16.30519	5.47746	0.2324081	2.5948738162874
(222710)	16.0	331.34848	285.09732	166.16085	5.97051	0.0887210	2.689023162856	(222762)	15.4	335.91188	108.32690	324.98099	11.89820	0.1021335	2.7193593162875
(222711)	16.3	26.04275	284.10334	98.56808	7.30608	0.0648002	2.6708228162857	(222763)	15.5	304.56989	33.06815	74.63960	10.53236	0.0481761	2.7311720162875
(222712)	15.6	300.99578	21.70475	79.83026	3.88340	0.1074095	2.6987261162857	(222764)	15.3	156.31452	229.57899	14.77200	13.78485	0.0641761	2.8033096162875
(222713)	15.7	329.15375	345.82342	110.90759	4.12558	0.1544178	2.6273457162858	(222765)	15.4	312.89348	147.73575	329.22344	13.81954	0.2347883	2.6511483162875
(222714)	15.9	37.18186	62.76091	314.63306	3.93312	0.3347050	2.5863768162858	(222766)	15.7	18.59358	13.57137	3.49040	4.87575	0.0345775	2.7712270162876
(222715)	16.2	313.37291	82.16541	87.99333	3.73425	0.0741448	2.5270897162858	(222767)	15.5	305.36532	146.21694	331.53175	12.61738	0.0675659	2.7032983162876
(222716)	15.3	41.81272	242.91533	117.54485	13.58426	0.0915696	2.6969722162859	(222768)	15.9	289.92103	124.22708	3.57828	3.03670	0.1280385	2.7158935162877
(222717)	16.0	11.27590	325.63173	112.25868	6.07363	0.2642994	2.5581860162859	(222769)	16.4	339.23083	278.79798	144.17277	4.28200	0.1561963	2.7024554162877
(222718)	16.0	11.83576	275.20664	138.10223	13.47833	0.2580028	2.6252277162860	(222770)	16.2	346.51046	88.81242	345.87928	2.24504	0.1250998	2.6860579162877
(222719)	16.0	13.18865	290.86178	123.08090	5.89335	0.2793014	2.5887161162860	(222771)	17.4	296.18274	31.26820	100.39312	2.31054	0.1638915	2.6738994162878
(222720)	15.9	38.53468	218.05566	138.59625	5.79664	0.0675939	2.6894141162860	(222772)	15.3	333.38896	291.68585	145.87012	11.58435	0.1102375	2.7348343162878
(222721)	16.9	348.52994	28.35627	41.41963	5.44776	0.1751650	2.6310186162860	(222773)	12.6	337.45279	62.02793	350.46296	16.50562	0.0264105	5.2618028162878
(222722)	16.5	320.31326	130.53682	322.68299	1.74906	0.1409785	2.6507499162861	(222774)	15.3	250.61667	171.01683	352.18817	11.35929	0.1701462	2.7769022162878
(222723)	15.6	233.24125	140.46555	356.91916	4.49710	0.0522448	2.8572505162861	(222775)	15.6	350.27572	311.81784	150.01811	16.01210	0.2740748	2.6034834162879
(222724)	15.7	356.61300	257.24194	146.11844	6.52248	0.0644240	2.7260972162861	(222776)	16.3	252.16013	323.36782	171.09884	3.16134	0.1330263	2.7838301162880

(222777)	15.4	106.17725	272.79252	320.81103	7.63597	0.2273883	3.0747224	162880	(222829)	15.5	342.81573	84.84786	359.65801	6.31391	0.0184080	2.7775626	162895
(222778)	16.2	308.01479	256.42070	175.68056	8.92514	0.1613327	2.7545572	162880	(222830)	16.2	329.42098	92.46900	358.62405	9.46156	0.2544907	2.7144550	162895
(222779)	15.9	200.83243	161.92064	29.01635	4.07664	0.0343975	2.7771467	162880	(222831)	12.3	328.71173	76.62522	347.92839	11.42510	0.0676218	5.2808937	162895
(222780)	15.7	345.61696	281.26578	164.25697	12.50237	0.2219866	2.6357677	162881	(222832)	17.1	303.87040	66.25701	56.28962	4.23639	0.2695002	2.6967004	162895
(222781)	16.6	270.80570	330.02670	163.89806	5.46512	0.1077529	2.7122976	162881	(222833)	14.9	218.29842	157.28282	55.76777	8.68961	0.2025254	2.7613328	162896
(222782)	16.0	297.46489	22.41669	92.24216	10.64304	0.0715125	2.6851500	162881	(222834)	16.4	349.41928	115.51530	300.44014	3.84534	0.1112977	2.7311087	162896
(222783)	16.0	302.58610	30.69739	85.16772	6.57121	0.1068348	2.6966452	162882	(222835)	16.5	105.77695	110.60515	189.42125	2.10936	0.0503137	2.8075223	162896
(222784)	16.3	8.31579	314.58896	73.60054	2.57847	0.0920444	2.7169688	162882	(222836)	14.5	105.26284	253.24323	1.79032	16.50226	0.2215949	3.1143062	162897
(222785)	13.0	84.57543	169.68443	130.11391	6.70597	0.0300013	5.0977748	162882	(222837)	15.7	311.53246	343.68478	147.27575	7.15659	0.1667078	2.6866092	162897
(222786)	15.9	159.75817	94.68779	141.74784	5.26076	0.1060240	2.8058059	162882	(222838)	16.1	343.20089	96.51645	349.17317	4.48437	0.0531619	2.7174317	162897
(222787)	16.2	356.94292	296.39567	118.41829	3.23547	0.1977496	2.6717223	162883	(222839)	16.6	251.82861	11.60007	143.84576	4.72021	0.0430719	2.8022128	162898
(222788)	16.6	344.38358	68.25326	343.64123	2.71853	0.2134925	2.7106664	162883	(222840)	12.6	29.94906	68.92320	296.50089	5.01210	0.0901444	5.1387085	162898
(222789)	16.2	248.14532	191.40591	329.77375	2.46398	0.0144630	2.7483263	162883	(222841)	16.3	154.92475	40.43101	212.91969	2.15853	0.0196259	2.7939154	162898
(222790)	13.3	44.53449	5.85484	337.65855	7.76309	0.0294238	5.2219066	162884	(222842)	15.2	102.41735	272.27651	17.29378	10.44605	0.0849921	2.9806169	162898
(222791)	14.0	295.56072	95.95911	349.97068	2.93885	0.0880025	5.1960962	162884	(222843)	12.8	294.05435	312.99038	144.50822	5.99051	0.1037063	5.1536205	162899
(222792)	16.5	313.07755	312.49357	149.00140	5.82069	0.0767264	2.7209787	162884	(222844)	12.3	271.52641	201.98747	290.94293	5.15807	0.1340996	5.2025595	162899
(222793)	16.1	262.42776	200.10704	331.80639	1.06478	0.0191356	2.6866022	162885	(222845)	15.9	145.87446	7.69980	225.92948	0.97549	0.0374260	2.9287829	162899
(222794)	15.1	102.73814	284.45060	341.21705	15.48161	0.2100856	2.9668950	162885	(222846)	15.9	112.62454	61.79392	183.86622	5.93713	0.0238812	3.0723995	162900
(222795)	16.1	74.06919	195.91905	125.12267	5.31531	0.0659540	2.7848788	162885	(222847)	12.6	306.79331	293.39094	161.99209	9.45452	0.0961686	5.2462888	162900
(222796)	16.4	15.55285	258.42377	130.81453	4.09065	0.0565585	2.7464456	162885	(222848)	16.1	321.79068	67.69761	39.55971	2.95927	0.1751404	2.6892027	162900
(222797)	16.0	295.88458	1.82874	158.37759	11.78634	0.1371985	2.6774275	162886	(222849)	15.9	7.80494	17.09118	86.66349	6.64392	0.2230402	2.5492030	162901
(222798)	16.6	342.34212	348.56128	64.59189	2.52222	0.0732401	2.7618124	162886	(222850)	16.0	294.38330	235.80022	245.71392	6.15338	0.1072797	2.7370005	162901
(222799)	16.2	253.33735	313.66452	176.35852	7.97404	0.0939831	2.7920347	162886	(222851)	13.5	298.08644	92.17420	6.19836	0.60697	0.1114017	5.2503684	162901
(222800)	15.1	35.22184	236.45760	142.41564	11.92889	0.0291290	2.7534901	162886	(222852)	15.9	87.81567	208.88506	77.02633	1.57047	0.1588298	2.9876931	162901
(222801)	15.7	289.90178	172.99415	298.81758	3.91960	0.0646694	2.7203984	162887	(222853)	17.2	347.49413	24.25861	62.73097	3.06614	0.2342134	2.6576184	162902
(222802)	16.1	338.05314	291.72321	146.40283	6.89358	0.1507695	2.6545813	162887	(222854)	13.1	296.84150	189.78340	282.64779	3.51080	0.0636828	5.1447383	162902
(222803)	15.6	356.15573	51.50068	356.27387	12.96169	0.2534445	2.6557910	162887	(222855)	16.2	87.94781	115.66608	167.25527	2.49152	0.0558112	2.9495282	162902
(222804)	15.1	291.01952	143.86194	355.00526	12.55843	0.2422941	2.6840453	162888	(222856)	16.2	282.52199	95.17170	28.04665	5.17848	0.1114117	2.7885130	162902
(222805)	16.0	329.38851	109.14555	349.66489	14.99522	0.3008070	2.6676752	162888	(222857)	15.1	171.40092	270.58917	316.42567	10.26263	0.0415666	2.8646533	162903
(222806)	16.2	353.83453	227.52322	194.89461	4.46584	0.2273191	2.6316566	162888	(222858)	16.5	279.88541	100.94518	52.46758	2.35811	0.0439941	2.7199844	162903
(222807)	16.7	285.50223	59.69880	63.25169	3.49841	0.1309000	2.7268198	162889	(222859)	12.5	4.04450	48.75782	345.75959	13.76552	0.0819401	5.2238524	162903
(222808)	16.0	209.81389	354.85349	231.25854	7.31548	0.1633741	2.7070823	162889	(222860)	15.3	226.58623	17.28098	155.95088	17.12343	0.1392912	2.7652602	162903
(222809)	16.2	328.06556	221.83821	224.97750	3.09152	0.1870053	2.7005664	162889	(222861)	12.7	358.64886	62.03583	50.05457	6.73241	0.1004824	5.1549398	162904
(222810)	16.1	196.49794	2.51247	200.34579	4.45696	0.0454083	2.7624063	162890	(222862)	13.1	305.99301	284.00586	168.04962	6.42963	0.0527154	5.2722178	162904
(222811)	16.0	10.08500	31.30095	23.78125	6.49425	0.2654118	2.6221729	162890	(222863)	16.1	280.95824	82.18698	24.20478	2.11399	0.0190431	2.8719877	162904
(222812)	16.1	343.03000	289.08708	108.22180	5.75623	0.1437143	2.7602673	162890	(222864)	12.8	337.49828	248.52359	169.59596	21.10310	0.1080000	5.2480095	162905
(222813)	16.7	127.31882	128.16443	152.79957	4.42507	0.0337700	2.7518213	162891	(222865)	15.8	41.84527	357.65876	3.31329	12.33263	0.0469730	2.8511943	162905
(222814)	15.8	115.30134	342.77896	302.00261	3.87982	0.0999123	2.7674891	162891	(222866)	15.8	330.67691	274.39701	167.75408	5.88380	0.0363504	2.8080241	162905
(222815)	15.3	280.64912	276.95033	247.12451	11.73523	0.1448548	2.6654754	162891	(222867)	15.9	72.12768	198.58412	154.04199	7.06716	0.0487121	2.7116331	162905
(222816)	16.3	288.28183	85.95631	22.91200	9.52425	0.0970031	2.7245909	162891	(222868)	16.5	349.79498	244.56974	191.02778	5.41683	0.1802849	2.6422410	162906
(222817)	16.3	11.62242	241.79090	149.32388	5.50486	0.0678941	2.7684931	162892	(222869)	17.6	58.21985	101.78270	182.81839	33.70567	0.5449407	1.7963517	162906
(222818)	15.9	321.71190	85.22281	353.45197	6.00047	0.0296784	2.8039701	162892	(222870)	15.9	232.25822	302.32188	217.38988	6.98349	0.1253790	2.8602516	162906
(222819)	16.5	347.72050	199.87223	236.47787	1.05252	0.0369822	2.6745136	162892	(222871)	13.4	277.17993	84.98661	26.30218	12.67923	0.0968863	5.1573994	162907
(222820)	16.5	300.27192	298.01159	181.14314	12.82068	0.2213168	2.6916625	162892	(222872)	15.6	296.76417	109.88813	87.80166	26.44893	0.2520995	2.5965844	162907
(222821)	13.2	2.09299	236.44382	167.54550	7.07499	0.0386402	5.2572289	162893	(222873)	15.7	109.43704	200.54615	104.19244	3.12969	0.0547207	2.8690205	162907
(222822)	16.4	158.90562	73.92053	166.04025	4.59612	0.0154662	2.7972609	162893	(222874)	15.6	125.81582	237.09340	32.42597	9.92394	0.0390786	2.9667706	162907
(222823)	16.4	49.01380	123.77951	252.53759	1.27839	0.0624458	2.7008402	162893	(222875)	15.0	78.78127	86.91256	206.85824	20.11785	0.2783460	3.1686516	162908
(222824)	16.1	352.67302	321.13552	104.90646	20.14697	0.2524270	2.6278053	162893	(222876)	15.2	170.96857	357.02023	235.76517	5.96699	0.0759739	2.8947023	162908
(222825)	15.8	1.42630	339.84026	71.28818	12.97070	0.2573412	2.6400825	162894	(222877)	15.2	76.92260	299.43813	16.09956	10.50937	0.0941095	2.9760659	162908
(222826)	13.7	333.46052	14.30057	45.83287	2.34666	0.0521737	5.1661447	162894	(222878)	15.8	121.78908	54.32514	212.68094	4.71291	0.1604132	3.0290369	162909
(222827)	13.0	104.97553	225.26916	66.80338	5.21267	0.0236149	5.2405653	162894	(222879)	16.1	245.82666	356.02805	153.96403	3.02887	0.1898649	2.8936820	162909
(222828)	15.7	137.54250	157.80689	87.01070	6.13811	0.2157702	3.0078098	162894	(222880)	15.0	111.69745	224.10335	45.26902	11.28511	0.0668874	3.0373382	162909

(222881)	15.4	97.37035	81.95790	188.68257	11.72742	0.0698668	3.0788251162909	(222933)	17.1	66.37873	33.04811	288.31306	4.87392	0.2176707	2.2498937162925
(222882)	15.4	137.93228	96.28968	147.65149	6.03319	0.1573038	3.0072888162910	(222934)	16.8	41.61827	22.35171	334.01493	7.37230	0.1533409	2.2355534162925
(222883)	15.7	231.25263	129.04728	50.77700	12.47086	0.1159454	2.8761498162910	(222935)	17.3	63.86937	27.80020	311.40095	4.39773	0.1857283	2.2185022162926
(222884)	15.4	92.43511	107.58213	180.98457	21.15987	0.2042165	3.0841299162910	(222936)	17.1	84.75149	117.24321	179.95545	6.11445	0.2346384	2.2361076162926
(222885)	15.2	113.47424	60.69642	205.17928	13.63557	0.1400165	3.0774728162910	(222937)	14.8	10.99189	194.80952	225.37887	8.70701	0.0559217	3.1650392162926
(222886)	15.5	94.75276	91.09332	194.73374	9.46084	0.0513958	2.9863942162911	(222938)	16.9	2.89132	152.82903	216.56431	3.62246	0.2700762	2.3229520162926
(222887)	15.9	305.19553	296.25963	171.41101	7.89747	0.1887307	2.7833599162911	(222939)	17.3	22.56201	173.29300	173.58570	5.75997	0.1906000	2.3050957162927
(222888)	14.9	74.55524	105.89809	201.17945	24.46252	0.2633440	3.0802563162911	(222940)	17.0	48.57022	238.22487	118.51054	8.66947	0.2082570	2.2374279162927
(222889)	15.3	157.49574	219.12426	9.20337	10.36934	0.0494040	2.9869122162911	(222941)	17.1	82.00823	323.85927	347.30929	7.11621	0.1556141	2.2200170162927
(222890)	14.8	42.59569	249.98747	92.76233	6.72746	0.1725023	3.0433502162912	(222942)	18.3	50.89600	172.77073	177.75652	3.52843	0.1481265	2.2357475162927
(222891)	15.3	346.59602	333.32993	88.05988	7.83707	0.0637134	2.8669721162912	(222943)	17.4	134.20244	359.25483	245.85714	7.15973	0.0957880	2.2398870162928
(222892)	15.1	67.46007	149.20873	170.64409	11.48176	0.0652293	2.9967255162913	(222944)	16.7	354.37806	128.05191	290.62341	5.39609	0.1046486	2.2229405162928
(222893)	16.4	221.56597	314.15007	237.71257	1.89943	0.1002505	2.8627507162913	(222945)	17.0	100.80114	25.80084	298.70829	4.23012	0.0383574	2.1818255162928
(222894)	15.7	309.38458	253.25417	240.04739	6.23202	0.1192566	2.7441293162913	(222946)	16.9	62.36344	67.53748	271.21464	2.72328	0.1923261	2.2392659162929
(222895)	14.7	353.93486	150.07184	202.66682	14.77483	0.0947005	3.1567658162913	(222947)	16.8	247.99100	270.20732	265.68715	2.90807	0.0312724	2.1849405162929
(222896)	16.1	44.14932	206.88365	169.72875	2.13117	0.0841303	2.8553320162914	(222948)	16.7	64.53666	174.44709	167.34699	5.73760	0.2273156	2.2702269162929
(222897)	15.5	99.93751	125.84650	149.27854	2.14806	0.1943613	3.0687839162914	(222949)	16.2	36.20954	76.44058	301.16474	5.12095	0.1579178	2.2432095162930
(222898)	15.4	196.17178	150.92547	51.85550	11.34988	0.0729326	2.9495754162914	(222950)	17.4	44.12924	132.49626	219.10339	6.85265	0.1787593	2.2576661162930
(222899)	15.8	166.84165	200.82611	8.16681	5.46320	0.1623363	3.0312008162914	(222951)	14.2	83.66784	269.19724	95.40435	10.30688	0.1900910	3.2178922162930
(222900)	17.5	84.36399	240.06504	51.84117	2.89919	0.1825350	2.1717791162915	(222952)	17.4	52.85393	252.36672	103.41458	5.73674	0.1905718	2.2321957162931
(222901)	16.1	74.76388	199.13280	134.64374	1.68753	0.0196172	2.9152845162915	(222953)	17.5	68.00781	234.69295	81.50345	4.12690	0.1928185	2.2535785162931
(222902)	16.1	110.36577	256.82273	3.60978	1.22800	0.1439908	3.0881776162915	(222954)	17.2	64.15488	129.19136	218.45021	4.19993	0.1314711	2.2295002162931
(222903)	15.4	150.16317	36.23612	208.43835	11.04798	0.0439902	2.9793392162916	(222955)	17.1	80.94890	137.07133	189.89169	5.15770	0.1972815	2.2274092162931
(222904)	15.5	41.40264	139.53611	210.05669	11.52695	0.1218472	3.0371495162916	(222956)	17.0	112.58609	234.80036	31.38976	8.49544	0.2837546	2.2420345162932
(222905)	15.8	193.43641	71.44520	135.26257	7.85851	0.2555650	2.9367860162916	(222957)	16.9	94.57118	307.41439	329.55113	6.44984	0.1939429	2.2541523162932
(222906)	14.8	80.53280	68.56594	231.58621	14.66516	0.2549863	3.1338355162916	(222958)	17.3	61.57611	286.66628	38.04814	6.19917	0.1448988	2.2734911162932
(222907)	14.8	88.64294	75.46305	225.84704	15.68314	0.2411222	3.1279220162917	(222959)	17.2	347.48136	65.86397	13.65376	5.09859	0.1023774	2.2043567162933
(222908)	16.0	85.05026	109.66098	183.92042	0.85142	0.1539160	3.1316367162917	(222960)	15.3	97.15015	14.50697	274.59115	23.98437	0.1505720	2.2942903162933
(222909)	15.5	155.33833	33.52835	220.87804	22.06945	0.1510592	2.9706377162917	(222961)	17.4	89.31274	99.28309	211.43748	5.57892	0.2334688	2.2373980162933
(222910)	15.4	104.30462	90.89072	191.33259	5.25024	0.1564679	3.1118803162918	(222962)	16.7	39.95320	23.24492	343.79960	7.41268	0.1318092	2.2600995162933
(222911)	14.6	107.30137	43.89380	228.84106	16.26937	0.2529691	3.0905249162918	(222963)	17.4	69.93793	291.18121	22.17581	3.45887	0.2030696	2.2363814162934
(222912)	15.4	118.49189	234.78202	44.11527	17.93860	0.2194618	3.0556253162918	(222964)	16.9	94.83092	297.85626	344.88521	7.32791	0.1817072	2.2437741162934
(222913)	17.9	158.17843	125.26913	118.69951	2.91903	0.1719414	2.1329758162919	(222965)	16.9	136.15398	111.02127	174.76362	1.78990	0.1652961	2.1869513162934
(222914)	14.9	82.50015	276.72755	25.97711	15.41108	0.2975501	3.0954777162919	(222966)	17.1	354.37143	51.51796	359.73789	5.00724	0.1596282	2.2722769162935
(222915)	15.0	56.88138	286.76505	32.69291	11.18223	0.0762953	3.0827625162919	(222967)	17.1	157.84274	152.01670	87.11175	4.00446	0.1121923	2.2236322162935
(222916)	14.9	126.06257	220.38103	21.25027	8.77403	0.0690191	3.0931388162919	(222968)	17.0	57.39518	241.14187	103.02080	4.54995	0.1774098	2.2496116162935
(222917)	14.6	82.69841	29.62012	264.88158	7.38615	0.1926352	3.1863247162920	(222969)	17.6	343.49710	88.25101	348.44509	7.23775	0.1588487	2.2462420162935
(222918)	15.6	150.03343	141.37799	91.10112	7.03225	0.2244667	3.0969373162920	(222970)	17.5	353.94329	66.92647	6.28279	3.01750	0.1275638	2.2076642162936
(222919)	15.6	60.06744	198.33502	103.47835	25.03347	0.2555593	2.2398824162920	(222971)	17.5	325.45746	11.67886	73.01293	3.75514	0.1090981	2.2401918162936
(222920)	15.4	70.83427	274.78661	39.39199	9.76693	0.0855059	3.0592797162921	(222972)	17.7	93.86990	142.21334	163.31152	4.56680	0.0593269	2.2439078162936
(222921)	14.7	173.06821	14.85949	184.02175	18.10331	0.1652551	3.0905114162921	(222973)	17.1	158.22896	25.28739	202.48189	2.35328	0.1073821	2.2375538162936
(222922)	17.0	83.25779	351.69433	311.30340	4.38989	0.1923228	2.1609867162921	(222974)	17.8	350.13080	25.55542	25.47474	3.04002	0.1542253	2.2769325162937
(222923)	15.5	58.51575	285.83732	36.24074	10.25860	0.0944625	3.0829754162922	(222975)	15.2	355.09494	276.95938	118.24357	10.94779	0.0971650	3.5337784162937
(222924)	15.1	90.35276	279.70933	48.79399	11.16581	0.0751389	2.9874565162922	(222976)	17.8	3.40604	233.14243	50.09183	3.16959	0.1857240	2.4575745162937
(222925)	14.3	60.41357	133.07004	203.09316	26.30577	0.2034917	3.1736827162922	(222977)	17.4	30.12641	246.55234	119.38950	2.69543	0.2207814	2.2889927162937
(222926)	15.0	84.42025	115.78310	195.83475	15.19273	0.2514796	3.1473485162923	(222978)	17.2	114.04014	316.20479	325.06604	2.73267	0.1681459	2.2395915162938
(222927)	14.7	95.37057	61.45881	217.61145	20.64366	0.2193637	3.2087630162923	(222979)	17.0	68.31909	125.57762	217.56423	6.20816	0.1296491	2.2311835162938
(222928)	14.8	63.58952	106.43988	210.86391	15.28984	0.1392359	3.2084857162923	(222980)	16.9	26.15373	193.62033	192.96369	6.27091	0.1250974	2.2594942162938
(222929)	17.6	62.65455	146.62383	183.01909	2.83787	0.2198552	2.2387499162924	(222981)	16.9	11.80815	11.74864	11.58440	5.54243	0.2437714	2.2967093162938
(222930)	17.6	61.31573	87.97720	239.92124	8.07503	0.2167071	2.2500658162924	(222982)	16.6	112.20510	277.27224	11.18809	6.25290	0.1354012	2.2394319162939
(222931)	17.5	39.63681	143.81978	213.02394	4.83492	0.3849369	2.2729541162924	(222983)	17.0	4.00171	0.62592	47.31461	2.53198	0.2202008	2.2829766162939
(222932)	17.2	78.56618	170.59469	121.33578	10.22238	0.1623434	2.2504138162925	(222984)	17.1	87.78634	216.48321	88.78746	2.26048	0.2471496	2.2595683162939

(222985)	17.8	32.51134	268.35301	88.19678	1.78092	0.2436112	2.2972972162940	(223037)	16.5	266.25734	145.75152	15.64831	3.90728	0.0808495	2.2496338162956
(222986)	17.1	25.56445	179.63863	215.22048	5.15976	0.1597658	2.2616746162940	(223038)	16.8	345.80141	11.06918	67.04367	5.58095	0.1799874	2.3043393162957
(222987)	17.3	45.01748	208.72498	137.05920	2.71676	0.2235994	2.2988303162940	(223039)	16.4	22.36779	351.19468	24.29926	6.36204	0.1490554	2.3415215162957
(222988)	17.1	55.31993	343.05277	10.47135	3.48947	0.1833834	2.2598311162941	(223040)	16.6	348.03559	332.64124	98.58901	4.23930	0.2092250	2.3385623162957
(222989)	17.3	2.23657	303.54038	107.62532	0.36529	0.1880333	2.2762677162941	(223041)	16.3	357.38410	314.26390	120.65927	4.20417	0.2157838	2.3143575162958
(222990)	16.5	3.94058	60.59422	333.43554	4.41702	0.1940441	2.3104726162941	(223042)	16.3	22.84650	186.30999	217.93888	8.21889	0.3025093	2.2825440162958
(222991)	17.0	330.20680	297.04939	160.61542	4.42419	0.1083091	2.2303616162942	(223043)	16.1	97.36786	19.99429	274.54013	6.21285	0.1273538	2.3000374162959
(222992)	17.3	46.00571	283.98935	89.10658	4.82108	0.1337683	2.2279364162942	(223044)	16.0	42.83905	12.07769	343.49737	7.44984	0.1316666	2.3309962162959
(222993)	16.4	65.93784	311.72937	9.62906	24.64827	0.2295083	2.2776725162942	(223045)	17.0	48.57065	257.18026	89.04472	4.13329	0.2011216	2.2890895162959
(222994)	16.8	20.97473	202.02771	209.64827	8.62189	0.1878467	2.2404599162943	(223046)	16.1	217.75552	197.00379	351.90843	7.03976	0.0529625	2.3039009162960
(222995)	16.8	69.65209	28.30559	291.47822	6.01015	0.1226797	2.2859078162943	(223047)	17.0	99.81419	89.32123	223.77867	3.93893	0.1383006	2.2539830162960
(222996)	16.4	40.13385	53.01887	295.80192	6.01667	0.1298631	2.3003065162943	(223048)	16.9	17.23728	358.51739	43.50520	6.38973	0.1985297	2.2783153162961
(222997)	17.7	39.68376	118.84851	212.47819	3.26862	0.1823240	2.3197864162943	(223049)	16.6	5.41490	324.59695	81.95014	6.60326	0.1855746	2.3131602162961
(222998)	16.7	23.18709	66.59587	338.56244	7.18588	0.1203070	2.2442538162944	(223050)	17.0	51.63626	44.68126	304.28376	3.01554	0.2943164	2.2862413162961
(222999)	17.6	33.91704	52.60107	338.12455	0.42566	0.1435301	2.2417897162944	(223051)	16.6	99.82943	23.55135	254.72111	7.28719	0.0932949	2.3257520162962
(223000)	17.1	75.46606	332.10597	336.26212	2.24558	0.2082832	2.2861590162944	(223052)	15.4	356.86428	204.29801	277.04652	4.04569	0.1220485	3.2109584162962
(223001)	16.8	57.95974	153.27786	199.48121	6.30589	0.1448676	2.2556669162945	(223053)	16.6	95.14376	321.43790	322.58804	5.91368	0.1081937	3.3211011162962
(223002)	17.5	57.79502	330.01383	3.81615	3.04150	0.2013292	2.2882699162945	(223054)	14.6	332.76103	118.94101	317.80112	8.92628	0.0830594	3.5492778162962
(223003)	14.6	328.10846	191.70235	262.24007	9.08907	0.1204513	3.4274317162945	(223055)	16.9	106.70970	300.25689	337.21728	3.57828	0.1513064	2.2975788162963
(223004)	18.2	10.94531	44.55762	337.30262	2.31551	0.2143867	2.3098650162946	(223056)	16.4	80.76690	26.72868	271.50845	4.87141	0.1731676	2.3025928162963
(223005)	16.6	342.78912	267.42111	163.95918	6.14459	0.0592132	2.2603322162946	(223057)	16.3	274.01195	187.85055	317.22497	7.05007	0.0196848	2.2511935162963
(223006)	17.4	8.11304	42.35025	0.05329	4.65546	0.2096736	2.2831733162946	(223058)	16.0	18.74114	59.33004	308.67000	6.02506	0.1246494	2.3296427162963
(223007)	16.2	36.32389	75.69603	292.04214	4.77607	0.1890823	2.2794248162947	(223059)	16.1	67.39227	9.90035	306.32977	5.07080	0.1541696	2.3189045162964
(223008)	17.1	317.85132	276.37514	187.69736	3.15913	0.1294081	2.2751249162947	(223060)	16.4	32.24700	21.50917	337.95068	5.36050	0.1854497	2.3020391162964
(223009)	16.7	102.76152	263.47696	31.42250	10.29186	0.0966336	2.2504442162947	(223061)	16.8	65.71833	15.95480	314.36058	3.55822	0.1460111	2.3091165162964
(223010)	16.4	81.92378	218.76805	92.43800	7.24812	0.2319719	2.2459745162948	(223062)	16.9	25.99158	35.82745	341.68096	2.58238	0.1856503	2.3190122162965
(223011)	17.0	313.18992	308.35146	167.13210	6.20417	0.1379794	2.2254155162948	(223063)	16.6	22.81699	27.37111	348.53846	3.96918	0.1227170	2.3331344162965
(223012)	15.3	162.50544	5.99467	257.74233	2.90813	0.0504606	3.2540184162948	(223064)	17.0	5.30219	329.64915	60.42426	4.35917	0.1914858	2.3420083162966
(223013)	16.9	312.50094	204.64993	272.86632	2.85303	0.1644061	2.2308499162948	(223065)	16.6	6.08491	312.50859	90.35445	5.00165	0.2598907	2.3190675162966
(223014)	16.7	12.43907	177.87717	221.53061	23.59649	0.1865986	2.2852266162949	(223066)	15.7	356.48771	16.36232	19.32958	25.90754	0.2634951	2.3236982162967
(223015)	17.7	106.98356	261.11444	14.47959	3.13232	0.1484774	2.2885840162949	(223067)	16.1	71.69357	84.62682	249.63949	5.41783	0.1655050	2.2888595162967
(223016)	16.5	20.27967	9.99457	27.89042	6.79664	0.1892703	2.2798675162949	(223068)	17.0	100.73971	301.74749	6.16511	6.16816	0.1459127	2.2669280162967
(223017)	16.7	99.99582	255.82938	38.48276	4.18174	0.1907958	2.2698445162950	(223069)	17.3	49.20284	55.60059	284.65403	1.45697	0.1871937	2.3193297162967
(223018)	18.0	357.22822	253.96478	180.48698	0.53104	0.1542278	2.2709160162950	(223070)	17.5	339.02621	258.34139	187.02680	7.56416	0.1530357	2.2794318162968
(223019)	16.8	133.17821	235.39456	12.90173	5.47417	0.2267499	2.2844228162950	(223071)	17.3	359.40273	83.80283	329.61544	1.10704	0.2190011	2.3274281162968
(223020)	17.4	86.62867	132.42818	180.55647	3.36678	0.1647420	2.2587560162951	(223072)	16.6	16.02689	13.60429	30.17728	3.53213	0.1620831	2.3091326162968
(223021)	16.8	286.48307	101.54234	34.15091	6.08061	0.0389983	2.2604310162951	(223073)	16.4	37.56339	138.67179	221.08053	5.48518	0.1602114	2.3195551162969
(223022)	16.6	97.80385	257.77458	50.55173	6.66808	0.2029382	2.2447125162951	(223074)	17.5	46.51361	118.40602	224.81060	2.89191	0.3359993	2.2974245162969
(223023)	17.4	52.71124	182.34270	158.71301	4.58836	0.2346391	2.2941036162952	(223075)	16.8	24.69596	194.10127	191.77661	6.04176	0.1764300	2.3216643162970
(223024)	15.8	293.03613	296.44238	197.40422	22.61814	0.2507344	2.3070041162952	(223076)	16.3	69.58562	207.68681	128.87282	3.68435	0.2252982	2.2991809162970
(223025)	16.3	79.43917	132.58336	200.03942	6.21662	0.1425782	2.2567404162952	(223077)	16.1	0.72261	9.51054	69.38495	8.13249	0.2136722	2.3090927162970
(223026)	17.5	35.39971	248.85859	119.29875	1.65121	0.2080980	2.2971404162953	(223078)	16.8	112.51792	256.23532	46.14198	7.20239	0.1197800	2.2610009162971
(223027)	16.5	54.46691	272.13867	69.38316	7.62035	0.1652576	2.2783300162953	(223079)	16.7	7.40398	88.73195	318.53319	4.28629	0.1208061	2.2900162162971
(223028)	16.7	355.34577	316.01998	80.30015	8.33797	0.0949327	2.3176999162953	(223080)	16.7	19.59842	62.64015	343.69525	5.45460	0.1279684	2.2715054162971
(223029)	16.5	58.27016	200.24477	130.68510	8.71212	0.1643187	2.2974870162953	(223081)	15.8	3.77775	104.02409	273.68070	6.90287	0.1457015	2.3594413162972
(223030)	16.7	13.43110	352.35422	50.85462	2.74171	0.1223328	2.2726570162954	(223082)	16.7	28.17597	11.88038	4.69170	6.79207	0.1264940	2.3221593162972
(223031)	17.6	44.48807	355.87418	1.54051	3.47741	0.1547081	2.2949780162954	(223083)	16.3	79.45530	73.23390	249.00149	4.62425	0.1873549	2.2999570162972
(223032)	16.6	26.56005	326.18288	27.15850	7.43082	0.2065423	2.3231765162954	(223084)	16.7	18.29647	31.91315	356.36010	3.42240	0.1347046	2.3256656162973
(223033)	17.5	6.11421	174.69366	224.78761	1.70026	0.2032442	2.3009300162955	(223085)	16.2	16.56436	125.09477	245.62727	7.10686	0.1783265	2.3572335162973
(223034)	16.6	358.62364	35.40130	26.29198	7.55421	0.1540549	2.2895454162955	(223086)	16.4	40.33299	2.57603	21.95877	7.27384	0.1738890	2.2943444162974
(223035)	16.3	102.14942	89.72542	204.41138	6.72565	0.1226394	2.2953086162955	(223087)	15.9	49.19676	10.31998	5.52289	7.06289	0.1195926	2.3032892162974
(223036)	16.7	48.87008	156.01783	188.15691	5.80356	0.1511130	2.3186654162956	(223088)	16.1	50.20369	335.54734	20.40722	7.93739	0.2275190	2.3190672162974

(223089)	18.5	19.29335	338.83871	32.95879	4.59441	0.2473254	2.3163667162974	(223141)	16.3	300.04494	277.67458	217.50506	3.84878	0.0801959	2.3149228162991
(223090)	16.7	80.37983	181.73495	131.68280	7.69576	0.1407983	2.3000959162975	(223142)	17.0	308.42286	28.66890	79.89088	5.88575	0.1111547	2.3571466162991
(223091)	16.9	91.64839	258.89598	27.45018	6.70303	0.1902013	2.3267501162975	(223143)	17.1	22.97646	54.83722	320.57119	4.42017	0.1739383	2.3445266162992
(223092)	17.1	69.74632	345.39703	314.02456	3.99385	0.2191653	2.3241060162975	(223144)	16.4	58.00010	116.46970	221.78355	2.34169	0.2472000	2.3317821162992
(223093)	17.0	349.76826	61.42717	11.73084	5.53542	0.1233551	2.3076772162976	(223145)	15.6	37.22342	281.50165	87.70145	22.41678	0.3446134	2.3114496162992
(223094)	17.5	21.57136	321.09055	60.16350	4.69133	0.2315994	2.3234923162976	(223146)	17.1	11.47099	251.63157	134.30350	3.69657	0.2268374	2.3572684162993
(223095)	16.7	44.07920	123.61046	218.39999	1.68605	0.2250349	2.3426429162976	(223147)	16.6	325.28650	253.39656	201.66712	4.66402	0.1937931	2.3560269162993
(223096)	15.9	177.39990	179.24131	55.87640	8.00961	0.0782184	2.3076630162976	(223148)	17.3	87.54095	238.10935	75.70059	6.75221	0.1101395	2.3472875162993
(223097)	16.4	106.26805	22.68805	273.06296	5.96534	0.2419403	2.2683123162977	(223149)	18.2	3.33902	260.10994	140.68649	2.75614	0.2006663	2.3518334162994
(223098)	16.9	341.64264	49.70924	11.70653	6.69752	0.0903418	2.3516447162977	(223150)	16.8	340.80303	69.05823	330.06373	3.77409	0.1652989	2.3588148162994
(223099)	16.9	345.16845	42.69957	30.71861	3.53549	0.1260092	2.3232834162977	(223151)	16.3	352.06031	140.19045	251.30897	6.76927	0.0760340	2.4094352162994
(223100)	16.8	6.84852	350.65612	77.58455	2.43612	0.1659184	2.2891998162978	(223152)	17.0	283.93323	139.25757	8.95693	5.11588	0.1995616	2.3693410162994
(223101)	17.0	351.04978	207.65514	211.92542	5.00944	0.1996427	2.3431033162978	(223153)	16.3	94.96322	56.45142	252.93219	6.08797	0.1343517	2.3477517162995
(223102)	17.2	327.09043	85.52570	9.05269	1.68720	0.1488377	2.3164790162978	(223154)	16.3	1.97446	35.82195	358.50724	6.84404	0.1133000	2.3698402162995
(223103)	15.7	325.66434	240.61280	232.53981	11.39139	0.1160794	3.2346222162979	(223155)	17.3	313.85270	116.18644	337.22096	1.91478	0.1684691	2.3897307162995
(223104)	17.8	203.57514	25.08337	170.01620	5.88213	0.0403851	2.3095906162979	(223156)	16.6	310.73636	31.43217	80.31743	13.25193	0.1365129	2.3574687162996
(223105)	16.6	63.48099	105.18280	234.99070	23.18767	0.2246986	2.3064061162979	(223157)	16.3	329.97344	118.49063	282.30435	4.67113	0.2041658	2.4515660162996
(223106)	16.8	29.39627	36.26437	345.16796	2.07951	0.2163651	2.3185797162979	(223158)	17.0	352.55614	152.74682	263.43706	6.33391	0.0918131	2.3748782162996
(223107)	16.6	64.94300	319.31963	12.37885	2.85979	0.2316617	2.3098163162980	(223159)	16.6	30.01482	50.75455	333.66547	4.82953	0.2238998	2.3250606162997
(223108)	17.2	76.58230	283.82727	40.85789	2.83992	0.1810553	2.3159332162980	(223160)	17.1	319.17614	87.67932	44.76807	3.23129	0.1254954	2.3074094162997
(223109)	16.9	33.69448	299.98793	80.74763	7.04680	0.2133549	2.3258506162981	(223161)	15.9	320.95432	170.88765	288.33792	4.74990	0.1078251	2.3847284162997
(223110)	16.4	278.38951	92.46256	26.00794	7.47253	0.0699728	2.3681272162981	(223162)	17.4	320.32847	123.51743	332.70414	2.90928	0.2010912	2.3929525162998
(223111)	17.2	46.36344	342.62885	339.94148	1.04660	0.1942217	2.3633066162981	(223163)	16.6	341.92326	130.00352	310.83276	5.70484	0.2207641	2.3620653162998
(223112)	17.3	11.59207	185.84202	231.81407	3.04619	0.1359621	2.2906342162981	(223164)	16.7	318.28585	126.71027	326.23538	4.29638	0.1493472	2.4001288162998
(223113)	16.6	358.73610	8.04710	41.36756	7.07665	0.1054687	2.3480613162982	(223165)	16.3	273.73499	192.70118	307.96536	7.99253	0.1981409	2.4325448162999
(223114)	16.7	320.15444	222.73021	240.37268	2.88145	0.1660775	2.3504867162982	(223166)	16.4	28.82750	298.25869	82.29472	10.73573	0.1052537	2.3560802162999
(223115)	17.2	59.77177	136.18751	210.28294	2.52993	0.2277472	2.3107571162982	(223167)	17.3	0.04720	226.25752	197.49710	1.51399	0.1988939	2.3382520162999
(223116)	17.0	39.60816	153.77322	234.64593	4.60810	0.1619390	2.2974694162983	(223168)	17.1	10.24598	85.26151	331.63205	2.11352	0.1176669	2.3342876163000
(223117)	17.3	1.88639	5.21997	52.54523	1.48249	0.2129801	2.3334930162983	(223169)	16.2	3.84640	353.82758	42.63432	6.14253	0.2132330	2.4177346163000
(223118)	16.6	343.31771	359.17400	68.68751	3.63408	0.1512310	2.3596758162984	(223170)	17.0	351.51653	322.51378	109.35052	5.81092	0.2750228	2.3823973163000
(223119)	16.1	4.23634	339.64468	61.18330	13.35098	0.1867057	2.3555988162984	(223171)	16.0	251.87119	246.88525	278.63646	7.53699	0.1438691	2.4459790163001
(223120)	17.3	34.88179	120.85756	246.68952	0.98648	0.2206052	2.3378167162984	(223172)	16.9	328.46246	345.49303	102.60078	1.36942	0.1083933	2.4146569163001
(223121)	16.1	53.60523	134.00095	242.33765	6.08943	0.1149119	2.3044263162985	(223173)	16.2	8.76693	125.44491	264.12070	5.55099	0.1167381	2.3935076163001
(223122)	16.6	40.89567	300.63697	65.43907	3.86719	0.2395659	2.3267517162985	(223174)	16.8	274.09154	169.37134	348.67004	1.03996	0.2168034	2.4064970163002
(223123)	17.0	18.46696	281.88127	85.29522	7.83252	0.2124144	2.3561318162985	(223175)	17.0	335.47910	0.33215	79.14298	2.52841	0.1609970	2.3964319163002
(223124)	17.3	341.54863	27.62408	73.92121	2.30904	0.1660848	2.2946074162986	(223176)	16.6	253.61611	65.98074	123.45496	2.13639	0.1936444	2.3995702163002
(223125)	16.8	11.33422	194.02652	180.47500	4.62600	0.2548789	2.3651720162986	(223177)	17.2	359.67432	166.57430	270.06191	1.32280	0.1866544	2.3495641163003
(223126)	16.7	54.43763	274.13624	61.70721	6.37196	0.1168349	2.3368002162986	(223178)	15.6	315.12599	291.17696	204.44926	22.36344	0.3123969	2.3504851163003
(223127)	17.0	14.96479	130.28604	257.14725	4.34663	0.1373488	2.3384746162987	(223179)	16.4	197.93970	42.76028	142.97295	5.48672	0.1701321	2.5784466163003
(223128)	16.5	46.04474	53.45953	302.63101	4.67470	0.1904660	2.3217685162987	(223180)	17.3	282.49468	120.34686	26.30234	2.53475	0.1308801	2.3934435163004
(223129)	16.7	42.03335	77.37540	266.15203	1.39711	0.1505336	2.3425081162987	(223181)	16.5	340.60933	355.52909	82.07953	6.62153	0.0879159	2.3878869163004
(223130)	17.2	3.02325	282.16067	135.02887	2.51706	0.1178168	2.3202117162987	(223182)	16.4	314.44673	236.01578	254.99151	1.94069	0.1317322	2.3821781163004
(223131)	16.2	296.04222	44.80474	70.00117	8.83977	0.0725251	2.3531080162988	(223183)	16.2	294.17233	259.38400	227.35507	3.63742	0.1498688	2.4407445163005
(223132)	16.0	73.57248	233.56627	80.83649	10.02552	0.2171247	2.3368049162988	(223184)	17.1	336.73599	64.86100	32.52716	4.41749	0.1847066	2.3625819163005
(223133)	16.3	318.40724	239.63529	222.74681	10.72818	0.1404576	2.3676781162988	(223185)	17.1	350.15946	56.88283	8.69382	2.43133	0.1696378	2.3956001163005
(223134)	17.0	347.66993	139.62858	289.99592	2.05021	0.1423527	2.3182630162989	(223186)	17.0	312.07314	151.30428	319.12542	4.13075	0.1038865	2.4088536163006
(223135)	16.5	5.47793	0.35458	32.00152	7.85517	0.1130105	2.3624391162989	(223187)	16.4	316.78339	24.77173	85.49897	6.80283	0.1062891	2.3995883163006
(223136)	17.0	34.98372	79.19571	273.94786	3.34491	0.2560151	2.3420266162989	(223188)	17.0	333.98704	68.16451	23.85848	2.87694	0.1206807	2.3970118163006
(223137)	16.7	296.99576	105.34971	21.40165	6.43769	0.0731163	2.3235651162990	(223189)	16.4	287.45295	142.35806	353.31717	2.92635	0.1186083	2.4278584163007
(223138)	17.2	336.96413	348.76535	77.63952	1.83649	0.1988251	2.3768010162990	(223190)	16.8	301.73513	61.79443	80.13833	5.44606	0.1260968	2.3849875163007
(223139)	15.4	40.70109	97.86774	259.33485	18.31297	0.2688143	2.3382927162990	(223191)	16.3	315.74558	86.70775	13.33897	1.55147	0.1412981	2.4421887163007
(223140)	16.6	72.86922	118.68262	229.52605	5.57745	0.1424240	2.2633663162991	(223192)	16.6	53.94308	308.70054	96.85704	5.07587	0.1520814	2.2878369163008

(223193)	16.9	24.97022	167.48638	239.46774	1.58589	0.2043931	2.3393512163008	(223245)	16.1	195.90558	17.84893	177.82582	14.89875	0.0685327	2.6516012163025
(223194)	16.7	100.24713	91.28276	178.34188	8.43199	0.2059767	2.6497595163008	(223246)	16.3	87.67667	131.33248	199.39909	0.97527	0.1343430	2.6030619163025
(223195)	16.6	282.16079	332.50846	163.21604	6.98801	0.0800478	2.4534439163009	(223247)	16.3	250.28441	353.38965	174.37297	7.45291	0.1566545	2.5633879163025
(223196)	16.7	333.22877	66.15818	24.55321	5.13979	0.1564397	2.4303996163009	(223248)	16.4	239.35014	145.09642	27.35476	11.03955	0.1007711	2.5688757163026
(223197)	16.3	356.69039	345.91636	79.45067	7.26101	0.1184029	2.4287180163009	(223249)	16.5	244.98792	143.94463	22.35074	9.31537	0.0986709	2.5704506163026
(223198)	16.0	303.98962	61.64828	56.26585	3.04593	0.1439224	2.4430119163010	(223250)	15.6	123.55179	244.25012	34.82615	12.77210	0.1588882	2.6801690163026
(223199)	16.6	231.13514	331.96516	218.30664	2.43499	0.1288189	2.4563608163010	(223251)	12.8	9.86355	294.51310	91.90944	8.72958	0.0744072	5.1294905163027
(223200)	17.0	298.44936	346.39716	129.26799	3.17864	0.1270472	2.4517969163010	(223252)	15.6	156.54238	138.16135	123.43118	10.11429	0.0330789	2.6022241163027
(223201)	16.4	347.95556	101.84409	333.30348	1.15938	0.1432750	2.4082475163011	(223253)	15.4	160.80673	51.66149	204.02292	13.83861	0.0405509	2.6054066163027
(223202)	16.6	232.08072	242.44273	311.34236	1.70622	0.1303724	2.4740461163011	(223254)	15.9	119.32727	217.19727	74.22714	8.18284	0.2853024	2.7248277163027
(223203)	15.9	159.36908	205.33187	26.23863	12.81143	0.1200714	2.5813158163012	(223255)	15.7	39.26038	353.41272	28.76469	14.65450	0.1652832	2.5566450163028
(223204)	16.8	269.08503	305.34032	224.03697	1.63323	0.1617471	2.4268535163012	(223256)	16.3	173.96306	5.55487	214.90574	8.48676	0.0753631	2.6609707163028
(223205)	17.0	333.45731	297.46187	136.19872	3.01944	0.1699087	2.4434895163012	(223257)	16.1	152.10469	259.78280	350.92489	10.47138	0.1591732	2.6711866163028
(223206)	16.5	300.74400	34.03481	90.69824	3.45901	0.1357307	2.4399930163013	(223258)	15.6	219.72969	154.33424	45.74788	13.92388	0.0985205	2.6011638163029
(223207)	16.7	329.14696	115.81121	320.28665	8.77616	0.1822277	2.4665341163013	(223259)	15.7	145.58149	41.98918	217.05617	8.48347	0.1046020	2.6370644163029
(223208)	17.0	302.54337	286.29701	226.17529	1.43158	0.1408772	2.3985236163013	(223260)	16.2	111.79395	248.10233	24.52947	4.60548	0.1844511	2.7415501163029
(223209)	17.0	310.91566	11.28423	102.22319	3.31015	0.1499004	2.4210445163014	(223261)	15.4	155.03866	219.08232	14.60823	12.97001	0.1903412	2.7325153163029
(223210)	16.4	0.92247	89.28090	325.69810	6.56381	0.1894660	2.4326582163014	(223262)	16.4	57.52724	180.20765	180.15192	9.07399	0.1736028	2.5705802163030
(223211)	14.8	307.94806	325.44005	162.75549	3.10178	0.1704157	3.9780465163014	(223263)	15.4	158.23982	346.94472	227.81585	8.21033	0.2085755	2.7832637163030
(223212)	15.9	125.82273	324.39064	300.48024	7.96406	0.0769551	2.5459272163015	(223264)	16.4	252.31214	134.35493	10.41082	12.64775	0.0892316	2.6072562163030
(223213)	16.2	273.26551	76.17903	74.57586	7.31324	0.0651821	2.4551462163015	(223265)	14.3	26.51319	238.41739	54.25944	22.26236	0.3110168	3.1547443163030
(223214)	17.6	342.91969	308.13773	151.04596	2.00492	0.1452846	2.3849475163015	(223266)	15.7	159.21488	73.49838	169.22883	8.79954	0.1354637	2.7159695163031
(223215)	16.5	16.31743	331.11725	88.21415	10.68706	0.2481610	2.3664642163015	(223267)	16.7	169.66924	121.65222	109.72753	1.25226	0.2155633	2.6558522163031
(223216)	16.6	252.58177	211.51109	288.02922	4.18914	0.1452079	2.5437088163016	(223268)	12.4	77.99257	299.04701	24.26794	26.11834	0.0646133	5.1632009163032
(223217)	17.3	345.12347	231.41622	222.75025	1.97187	0.1690099	2.3874075163016	(223269)	16.8	313.73241	278.95086	216.77559	1.85879	0.1381960	2.4706025163032
(223218)	16.4	245.02486	62.99661	81.75111	3.19872	0.1396000	2.5522214163016	(223270)	16.6	57.93047	348.10498	338.85210	1.57097	0.0325419	2.6878856163032
(223219)	17.1	336.91384	257.35049	200.98551	4.68383	0.2024200	2.3919061163017	(223271)	16.7	247.52644	346.65397	176.44913	1.65229	0.1312931	2.6102362163032
(223220)	15.8	204.17079	181.54157	28.16181	8.08527	0.1564932	2.5455435163017	(223272)	13.0	337.10485	225.58782	200.66615	6.92230	0.0727985	5.3033048163033
(223221)	17.1	345.75224	117.09273	325.71330	3.40857	0.2066238	2.4182719163017	(223273)	16.4	245.09001	358.63457	170.29597	10.10031	0.1581121	2.5743765163033
(223222)	17.1	340.70506	250.96473	199.07795	1.94192	0.1669060	2.4102078163018	(223274)	16.9	269.06617	97.97308	50.34156	22.20986	0.0635341	1.8821222163033
(223223)	16.8	327.69783	352.87551	87.57547	1.63344	0.1838546	2.4680672163018	(223275)	16.3	239.57221	134.04936	36.57141	13.52184	0.1078356	2.6134105163034
(223224)	16.4	342.97854	323.66441	108.40141	3.31471	0.1555130	2.4581159163018	(223276)	16.7	198.76340	72.70464	134.73043	3.44656	0.0283641	2.6280762163034
(223225)	16.7	174.26151	36.12395	185.43769	2.79293	0.1245273	2.6245437163019	(223277)	16.4	192.77394	161.64880	69.95281	4.20994	0.0941888	2.6117234163034
(223226)	17.1	336.45456	310.05540	147.15528	3.45812	0.1943216	2.4140350163019	(223278)	16.0	10.23725	207.15207	186.65328	10.62482	0.0530527	2.6514841163035
(223227)	16.2	300.42358	49.67496	97.93692	7.92148	0.1812578	2.4362809163019	(223279)	16.4	128.30950	202.84616	49.76311	6.09490	0.0999596	2.7725653163035
(223228)	15.6	351.19335	18.92381	330.44140	13.70662	0.0382185	2.7123538163020	(223280)	15.4	166.84292	215.61956	30.81896	14.54269	0.0291060	2.6479426163035
(223229)	16.5	357.34298	17.74924	47.91424	4.52944	0.1815330	2.4180337163020	(223281)	15.2	97.19859	177.89451	120.67972	9.97190	0.1505756	2.7996327163035
(223230)	15.4	63.67259	333.68436	42.75937	8.82883	0.2825172	2.3590416163020	(223282)	15.9	224.77961	339.64083	191.48209	14.10195	0.1323026	2.6535905163036
(223231)	16.8	102.95887	275.43495	9.43015	19.73649	0.0444845	1.9047671163021	(223283)	16.5	27.61071	312.92253	70.64448	3.95097	0.1569965	2.6738442163036
(223232)	16.2	170.22417	64.47252	165.26635	4.89529	0.1065165	2.5787533163021	(223284)	15.1	34.40398	193.66777	209.29241	9.82608	0.1989817	2.5534128163036
(223233)	16.1	229.41182	291.81318	242.67469	3.51193	0.0576355	2.5430741163021	(223285)	16.2	124.27988	36.02962	220.47360	8.52811	0.1181337	2.8039218163036
(223234)	15.7	194.63527	254.11276	327.20613	10.96689	0.0835272	2.5389553163022	(223286)	17.2	259.30654	296.28184	221.06557	20.29790	0.0747462	1.8947337163037
(223235)	16.5	232.40997	166.37902	1.54900	9.75857	0.1367459	2.5880542163022	(223287)	15.5	147.32355	63.44843	185.92003	12.22231	0.1137920	2.7377977163037
(223236)	17.1	182.70610	342.20564	249.23845	0.50194	0.0855083	2.5512743163022	(223288)	16.1	176.09774	180.10094	77.07760	5.33797	0.0933013	2.6175643163037
(223237)	16.3	219.83979	319.53313	205.26170	7.06613	0.1495745	2.6142716163023	(223289)	15.9	188.27255	186.48491	16.61202	13.19887	0.2202745	2.6935174163038
(223238)	13.5	281.08868	285.11893	184.10206	18.30334	0.0295119	5.2346048163023	(223290)	15.6	99.93856	261.98533	56.81825	14.84431	0.1410552	2.6982908163038
(223239)	15.5	206.72553	334.29670	219.40058	13.97694	0.0650748	2.6220866163023	(223291)	16.8	333.52852	32.43453	52.74704	22.95697	0.0627675	1.8926178163038
(223240)	15.4	139.83770	215.06256	44.29872	13.47131	0.1219171	2.6373825163023	(223292)	15.0	359.80025	196.09777	222.34811	32.27881	0.1721224	2.6199117163039
(223241)	16.0	308.05639	69.13221	15.83443	22.30444	0.0507580	2.6333153163024	(223293)	16.4	203.38131	178.20696	21.08313	14.10145	0.0770422	2.6566376163039
(223242)	16.8	231.33992	329.89234	186.10301	10.38247	0.1078932	2.6294241163024	(223294)	16.2	198.57279	127.61523	77.81678	3.80706	0.0525666	2.6736376163039
(223243)	17.2	332.42476	312.18694	145.42377	0.89059	0.0453457	2.5157875163024	(223295)	16.7	141.78975	228.28291	49.61989	3.15764	0.0247608	2.6487232163039
(223244)	15.9	214.83763	358.33079	168.59360	15.26465	0.1162849	2.6937556163024	(223296)	16.2	237.33471	98.56893	56.13854	5.70882	0.0506842	2.7234465163040

(223297)	16.0	135.47225	80.63355	174.71992	7.87054	0.1868173	2.7857038163040	(223349)	15.7	57.68262	207.37217	156.12095	1.12126	0.0511920	3.0394532163055
(223298)	15.3	90.36667	59.97972	220.09821	19.93142	0.1744694	2.8958905163040	(223350)	14.7	32.08411	96.45561	272.18679	9.58422	0.1036136	3.1416298163056
(223299)	16.3	189.77606	54.65251	171.41384	3.43081	0.0419558	2.6785178163041	(223351)	14.8	354.20225	196.43154	219.88638	9.98450	0.0543002	3.0930613163056
(223300)	16.3	293.70358	74.34879	31.18151	2.81312	0.0462727	2.6709039163041	(223352)	15.4	345.42528	217.96621	210.33406	10.19398	0.0923852	3.1044342163056
(223301)	14.6	67.97956	200.85988	131.01985	11.85734	0.1483480	3.0166698163041	(223353)	15.1	19.06215	49.33474	338.04625	3.07853	0.0683005	3.1213789163057
(223302)	13.7	62.19176	68.39776	261.45544	24.64913	0.2814448	3.1659119163041	(223354)	14.9	16.98346	87.07273	310.52287	6.74286	0.2012559	3.1192623163057
(223303)	15.0	34.97538	56.74445	304.02181	15.31917	0.1335020	3.0770023163042	(223355)	14.7	81.44572	32.40062	302.23359	8.93832	0.0894176	3.0329274163057
(223304)	15.1	36.49497	257.83961	135.92900	11.32908	0.1461461	2.9446931163042	(223356)	15.7	29.77488	250.53495	122.81802	1.74533	0.1781481	3.1347824163058
(223305)	15.8	25.59168	185.06586	194.03133	12.83370	0.0298894	2.9612426163042	(223357)	14.4	354.92551	93.17019	329.91982	24.76280	0.2547029	3.2191193163058
(223306)	14.9	60.56478	57.18385	277.32507	8.46301	0.0600662	3.0326060163043	(223358)	14.9	350.41173	225.40834	209.84425	10.55901	0.0906198	3.0649747163058
(223307)	14.2	23.82573	129.20860	258.72678	15.44625	0.2035915	3.1350540163043	(223359)	14.7	44.33404	352.64545	356.96686	11.97763	0.0837750	3.2275924163059
(223308)	15.2	78.72117	69.65963	218.57553	15.61494	0.2184015	3.1289878163043	(223360)	14.9	43.52555	159.74048	208.82084	8.72568	0.1019605	3.0734007163059
(223309)	15.2	69.31715	112.06665	230.53096	9.15392	0.1397491	3.0098787163043	(223361)	14.9	26.62138	195.34929	184.95643	20.82952	0.1247723	3.1981300163060
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(223311)	15.6	89.67611	173.10211	129.22015	3.00258	0.1597940	3.0404503163044	(223363)	16.1	316.49869	251.40693	187.16451	10.65864	0.0514662	3.2543415163060
(223312)	15.3	100.76691	334.58316	314.33720	9.76569	0.0785106	2.9987769163044	(223364)	15.1	358.97326	68.00972	13.03476	15.22060	0.2617656	3.1340423163060
(223313)	14.6	44.67958	92.54449	246.38016	5.11973	0.1493727	3.1459941163045	(223365)	14.8	217.56188	189.41498	348.49365	3.07545	0.0720944	3.1508143163061
(223314)	15.1	58.31841	80.07692	269.43268	8.36138	0.1029642	2.9705277163045	(223366)	14.8	107.73343	4.49434	300.43062	7.85577	0.1127300	3.0837835163061
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(223320)	15.6	55.23916	144.11639	180.80052	9.65093	0.0924980	3.1734796163047	(223372)	14.8	4.51335	81.33244	331.76547	5.31335	0.1363050	3.1856114163063
(223321)	14.6	30.92790	93.15465	271.34516	9.63513	0.1822952	3.1689778163047	(223373)	14.9	253.39913	135.73651	5.29010	9.15617	0.0345936	3.1656418163064
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(223505)	16.6	354.77452	182.71201	259.96307	4.06100	0.0837714	2.1610420163103	(223557)	17.1	335.41508	327.07411	130.59593	4.47615	0.0890256	2.2546935163120
(223506)	16.3	101.56486	155.01745	132.89616	10.08597	0.1055413	2.2754857163104	(223558)	16.3	100.19644	151.17956	154.66553	6.27731	0.1012687	2.3482984163120
(223507)	17.1	351.55235	147.90375	268.81568	2.27959	0.1050296	2.2013049163104	(223559)	17.9	324.23411	262.35549	181.57869	6.22868	0.0717469	2.2915266163120
(223508)	18.0	12.73543	19.67654	19.44714	2.16903	0.1683156	2.1873038163104	(223560)	17.2	91.83414	104.33823	184.91818	2.55334	0.1807427	2.4472960163120
(223509)	16.8	27.98293	92.54625	307.26211	4.93472	0.1529909	2.1759713163105	(223561)	16.8	156.72516	81.00261	140.01311	3.12724	0.1052810	2.4025998163121
(223510)	16.4	205.43176	25.03419	187.56815	2.26139	0.1771820	2.2940081163105	(223562)	16.6	82.69494	320.24474	352.50881	6.59517	0.1181038	2.3580511163121
(223511)	16.5	261.65883	329.78512	169.85895	8.87900	0.0817646	2.2681431163105	(223563)	16.5	226.71522	164.62249	17.19800	4.28915	0.1309582	2.3325411163121
(223512)	16.7	213.27165	138.10443	69.50185	1.94535	0.0492808	2.2689638163106	(223564)	17.5	330.33077	294.77478	160.38379	2.29731	0.0728932	2.2483410163122
(223513)	17.9	296.54098	65.98505	44.93456	4.34939	0.0897411	2.2431649163106	(223565)	16.0	212.17355	180.81949	11.08861	6.01083	0.1444539	2.3686841163122
(223514)	16.8	320.59686	301.65775	160.18588	5.33516	0.1314159	2.2244997163106	(223566)	17.2	277.93746	252.69682	247.27682	2.06863	0.1671028	2.2787490163122
(223515)	16.5	184.33073	187.97823	30.08055	5.01801	0.2115109	2.3121165163107	(223567)	17.1	345.82048	126.68556	316.72595	3.57529	0.1331009	2.2293469163122
(223516)	17.1	35.68042	350.12457	26.95546	4.03152	0.1579850	2.1951488163107	(223568)	15.9	147.74638	50.59232	214.88895	6.08709	0.0794611	2.3709485163123
(223517)	16.0	174.60630	240.41027	5.27211	5.73845	0.1316496	2.2975519163107	(223569)	17.6	262.27577	146.17383	334.84051	1.71206	0.0864475	2.3751300163123
(223518)	16.2	226.36904	200.58541	357.29894	6.12681	0.0887558	2.2827236163108	(223570)	17.2	277.25706	20.94154	113.41826	1.97369	0.1578276	2.2948524163123
(223519)	17.3	199.63589	40.95214	164.51400	3.15231	0.1758956	2.3360921163108	(223571)	16.2	45.85498	180.40161	168.43634	10.16721	0.0853113	2.3536145163124
(223520)	16.5	266.46813	33.75184	119.40357	6.36262	0.0839386	2.2650953163108	(223572)	15.9	196.78080	359.36525	210.73197	8.68639	0.1457143	2.3673919163124
(223521)	16.3	313.98852	135.72827	340.79480	7.18236	0.0520258	2.2466194163109	(223573)	17.0	149.79473	254.56521	333.92164	1.90199	0.1441003	2.4063242163124
(223522)	16.4	341.00964	323.74312	101.14081	6.32345	0.1207555	2.2216709163109	(223574)	16.3	281.54373	117.14130	31.77874	6.14915	0.1080117	2.2835130163125
(223523)	17.0	146.82188	34.65772	179.81232	3.96471	0.1962570	2.4596996163109	(223575)	16.2	80.11010	244.05090	27.88149	11.42230	0.2551144	2.6025888163125
(223524)	16.0	184.57086	343.73662	240.93603	5.73540	0.1234593	2.3348966163110	(223576)	16.9	174.24303	174.50879	64.10917	2.36842	0.0855274	2.3392465163125
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(223527)	16.7	191.28336	196.85055	20.18487	6.53613	0.0717386	2.3413943163111	(223579)	17.2	320.90516	74.29314	358.27899	3.62697	0.1058161	2.3420415163126
(223528)	16.0	209.47669	158.80916	50.07568	4.56769	0.0902605	2.3091502163111	(223580)	16.5	182.95040	204.05059	21.67584	1.55705	0.1466896	2.3802388163127
(223529)	16.3	334.77407	282.68038	179.36371	8.57137	0.1435185	2.1964260163111	(223581)	16.9	285.00117	339.11946	151.92428	6.56262	0.0565225	2.3181586163127
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(223531)	17.7	134.29550	55.75618	174.32912	1.14685	0.1493139	2.4300971163112	(223583)	16.5	319.14679	171.67895	297.67208	1.40316	0.0922389	2.374598163127
(223532)	16.4	84.73656	302.87509	4.54464	6.43168	0.1242028	2.3864425163112	(223584)	16.5	81.75034	123.79839	184.21997	5.77317	0.0963453	2.3831910163128
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(223534)	16.6	345.87190	195.66771	241.88042	3.60941	0.1285503	2.2001175163113	(223586)	16.2	275.06356	318.10458	185.86027	8.15680	0.1250400	2.3170782163129
(223535)	16.2	221.90391	103.70176	86.50414	8.85971	0.0528907	2.3147524163113	(223587)	17.6	197.84017	315.08865	254.60106	0.70407	0.1317983	2.3450697163129
(223536)	16.1	120.42775	254.79132	37.99226	9.09170	0.1164551	2.3506540163114	(223588)	16.7	182.89052	214.96593	15.66243	7.30433	0.1089471	2.3557610163129
(223537)	16.4	217.92496	163.08551	43.19611	4.18447	0.1999240	2.2928646163114	(223589)	17.6	168.57761	63.52414	160.22966	3.99962	0.1202136	2.3718564163130
(223538)	16.3	189.10142	106.48258	112.04694	3.41646	0.1076972	2.3493614163114	(223590)	17.3	256.53798	351.33666	188.34107	2.15379	0.0500180	2.2866093163130
(223539)	17.1	91.29724	351.27870	318.42658	3.80393	0.1586363	2.3791806163114	(223591)	17.2	163.71644	288.77025	318.62052	1.72160	0.1829117	2.4036869163130
(223540)	17.0	117.08661	1.40119	269.56013	1.54272	0.1780707	2.4286155163115	(223592)	15.5	93.35415	157.45937	104.48707	13.92012	0.2561305	2.6436709163130
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 (223698) 16.2 42.21918 219.84974 142.01642 3.51986 0.0812643 2.7357669163161
 (223699) 15.6 13.46960 39.13736 325.85374 5.44459 0.1009152 2.8598952163162
 (223700) 15.5 88.78153 285.57188 19.64828 5.54981 0.0478051 2.7659875163162
 (223701) 15.7 136.09407 211.83078 59.04275 4.30661 0.1195218 2.6916540163162
 (223702) 15.8 66.14382 296.48747 45.09711 5.41598 0.1334000 2.7420093163163
 (223703) 15.9 52.59619 323.41895 18.81810 5.79236 0.0754380 2.8044363163163
 (223704) 16.5 72.04442 181.97777 143.07506 4.80079 0.1029060 2.7680699163163
 (223705) 15.1 54.26152 271.82225 66.23804 15.69841 0.1704048 2.8415213163163
 (223706) 15.7 39.95950 0.87249 354.04778 6.10882 0.0930879 2.8154216163164
 (223707) 16.2 75.73493 232.13130 91.12952 1.72343 0.0715005 2.7766370163164
 (223708) 15.7 116.21978 105.57082 195.89143 3.54237 0.0758879 2.6944869163164
 (223709) 15.7 66.49149 12.66466 325.21394 3.10860 0.1314349 2.7679887163165
 (223710) 15.5 34.88616 214.53109 177.56890 13.05973 0.1581145 2.7614146163165
 (223711) 15.6 105.75108 202.56751 98.99608 4.08994 0.1028218 2.7480017163166
 (223712) 15.4 8.14913 8.53852 10.45040 9.91927 0.0829798 2.9907575163166

(223713)	16.4	33.70594	112.47224	235.20112	2.02884	0.2238266	2.8846570163166	(223765)	16.1	31.61966	214.03468	139.20699	4.36188	0.1067468	2.8029728163182
(223714)	16.2	61.49976	309.60005	334.33258	3.73056	0.0797314	3.0047066163167	(223766)	15.4	81.76142	312.65366	20.65031	5.69653	0.0999542	2.7481107163182
(223715)	15.3	59.46089	138.19159	171.48632	15.36645	0.1521771	2.8467710163167	(223767)	16.6	24.32703	34.17544	331.35836	1.18161	0.0806107	2.8630299163182
(223716)	15.2	3.05280	88.22414	291.21649	11.88102	0.0704618	2.8401644163167	(223768)	14.9	78.19320	241.55565	82.07450	8.75835	0.2255378	2.7731989163183
(223717)	16.3	39.77526	164.92580	205.36840	4.35815	0.1386424	2.7492090163167	(223769)	16.7	59.79967	120.49171	200.29295	3.76960	0.1024828	2.8031595163183
(223718)	15.6	73.73058	57.72946	275.48892	4.96643	0.0497505	2.7337730163168	(223770)	16.3	318.30133	79.57830	16.03843	3.37008	0.0573146	2.7844233163183
(223719)	15.8	340.33864	130.31246	290.46555	11.03412	0.1093118	2.7773132163168	(223771)	15.4	46.60282	143.66526	241.05805	8.59126	0.0431067	2.7319317163183
(223720)	15.3	59.66929	143.79163	208.02192	11.55908	0.1487252	2.7926146163168	(223772)	15.4	347.53136	92.76725	355.31300	9.00403	0.1474497	2.7944471163184
(223721)	15.0	46.90753	86.75047	240.87554	8.54056	0.0850356	2.9756710163169	(223773)	16.1	52.22573	247.25463	116.76503	7.21818	0.0906790	2.7422951163184
(223722)	16.1	113.06617	79.88050	220.18246	4.04478	0.0812932	2.7130932163169	(223774)	15.5	81.23844	235.54142	64.16361	9.90137	0.1476128	2.8096045163184
(223723)	16.2	66.08942	321.82629	25.95616	2.40109	0.1129855	2.7623840163169	(223775)	15.3	56.43906	259.65019	65.21915	11.93494	0.1937736	2.8366870163184
(223724)	15.5	351.58123	273.42569	116.04064	3.15099	0.0726153	2.8806945163170	(223776)	15.1	39.04376	256.34538	72.31559	10.07658	0.1130705	2.9880998163185
(223725)	15.9	71.18595	227.56026	106.27530	5.47298	0.1323816	2.7335879163170	(223777)	15.3	16.24169	273.34126	94.79110	7.45010	0.1037128	2.9187738163185
(223726)	16.0	119.82348	220.65554	68.36959	2.98545	0.1834475	2.6461514163170	(223778)	16.2	11.58521	104.32451	301.71107	4.55917	0.0576868	2.6963253163185
(223727)	15.7	85.58788	273.39335	48.06748	5.61593	0.1152434	2.7266816163170	(223779)	16.1	44.37633	24.58618	3.28849	1.03469	0.0967953	2.7728678163186
(223728)	15.9	25.01337	27.24564	10.88003	9.72576	0.1576063	2.7228200163171	(223780)	16.6	24.23500	175.62858	223.89112	2.01992	0.1851218	2.8004699163186
(223729)	17.1	9.99698	297.20128	102.55011	0.43798	0.0709943	2.7690112163171	(223781)	16.1	19.77921	11.36303	15.13122	4.64609	0.1258691	2.8684311163186
(223730)	15.8	57.08682	121.40604	204.78617	12.54177	0.1376567	2.7765455163171	(223782)	16.7	113.18592	44.40894	233.13931	3.44245	0.0349932	2.8019665163186
(223731)	16.5	38.64956	329.97394	337.69951	2.55415	0.1483395	3.0006249163172	(223783)	16.4	82.18877	116.97337	199.18285	5.58573	0.0936841	2.7697728163187
(223732)	15.5	107.93882	260.99404	357.82809	10.08883	0.0613756	2.9149267163172	(223784)	15.6	87.13834	305.69617	344.76891	9.94343	0.1114298	2.9161150163187
(223733)	15.4	56.89307	209.38892	118.75252	6.14373	0.1214658	2.8867626163172	(223785)	15.8	359.90803	112.92848	316.10013	6.57172	0.2065718	2.8058367163187
(223734)	15.4	72.32918	287.29963	36.06161	6.72647	0.1556401	2.8382749163172	(223786)	15.0	54.72790	145.83667	232.97058	11.32478	0.1394315	2.7684338163187
(223735)	16.1	100.46462	312.71481	350.12070	1.28173	0.0750110	2.7748899163173	(223787)	14.8	326.73512	78.44021	20.05492	13.28196	0.1851583	2.9887496163188
(223736)	15.6	181.61470	197.89329	0.42026	12.23789	0.0535150	2.8721860163173	(223788)	14.7	257.73675	89.15908	18.00341	22.73338	0.0409444	3.1299519163188
(223737)	15.8	36.34998	154.92219	222.32550	8.57891	0.2020444	2.7507414163173	(223789)	15.7	156.44696	213.26147	8.10444	9.74229	0.1027009	3.0168419163188
(223738)	16.1	63.13787	165.47973	232.87028	6.08725	0.2010474	2.6012185163174	(223790)	16.4	100.97618	310.63756	352.69268	1.64448	0.0258560	2.8712758163189
(223739)	15.8	48.37089	162.06993	190.55545	12.45584	0.1984431	2.8428984163174	(223791)	15.8	39.19532	262.42194	109.35498	7.04916	0.0747919	2.8066747163189
(223740)	16.6	307.39204	253.88859	194.29283	5.77368	0.0463816	2.8496111163174	(223792)	16.4	98.78121	247.18620	61.07421	2.95689	0.0538384	2.8645494163189
(223741)	15.2	142.49969	38.63818	237.10994	12.88009	0.1246062	2.6237022163175	(223793)	15.9	4.69329	231.70252	187.96202	6.34974	0.0437421	2.7574068163190
(223742)	15.8	76.47693	131.53995	203.85765	9.30058	0.0153881	2.7709257163175	(223794)	16.1	297.37776	315.77520	155.99445	4.08918	0.1197047	2.8668114163190
(223743)	16.0	21.98080	229.99815	172.43512	9.22283	0.2989568	2.7326270163175	(223795)	15.5	313.37557	154.08997	276.55798	1.69443	0.0478990	3.0631143163190
(223744)	15.1	203.44480	246.68079	287.58143	10.57610	0.0323111	2.8782454163175	(223796)	17.3	255.37872	297.51663	217.71337	22.51750	0.1287287	1.8715476163190
(223745)	15.6	17.96631	86.80285	314.87780	10.11280	0.1955360	2.8009835163176	(223797)	15.1	121.69867	228.68891	44.67574	13.81759	0.1493666	2.8557753163191
(223746)	15.7	25.15413	172.03176	229.21671	5.79941	0.0450384	2.7090820163176	(223798)	15.7	357.23367	193.38605	191.08295	9.61302	0.0712343	2.9756767163191
(223747)	15.3	63.88842	146.75566	195.18985	7.48602	0.1056390	2.7992651163176	(223799)	16.8	5.92016	129.14533	283.09354	0.93420	0.0590007	2.8493568163191
(223748)	15.4	76.00602	35.14319	285.01100	7.21079	0.2295042	2.7976612163177	(223800)	15.7	153.03378	8.83986	204.33068	7.21578	0.1069833	3.0943758163191
(223749)	15.0	34.82116	135.31153	257.40623	8.07441	0.1672342	2.7748480163177	(223801)	16.6	82.29179	260.66652	74.26538	1.53613	0.0761435	2.8023131163192
(223750)	15.5	33.13041	171.51760	215.11681	9.07945	0.1649020	2.8062902163177	(223802)	16.3	206.74742	348.69680	196.72196	10.47574	0.0374126	2.9682082163192
(223751)	15.1	55.07321	24.37136	355.80427	8.95964	0.1672073	2.7706305163178	(223803)	16.2	157.58603	45.90610	199.95106	7.94141	0.1698453	2.8051703163192
(223752)	16.0	23.27330	148.68816	231.17710	3.50468	0.0869513	2.8529211163178	(223804)	16.2	211.71083	237.63907	289.60112	1.93096	0.0709953	3.1116906163192
(223753)	15.2	82.55072	91.68370	270.34829	11.50976	0.2231735	2.7246407163178	(223805)	16.0	39.60482	312.44549	53.19610	2.80011	0.1011011	2.9124820163193
(223754)	15.2	2.42887	115.48237	299.13195	15.47827	0.0443521	2.7611689163179	(223806)	16.3	345.78704	122.53000	324.67213	1.17537	0.0272156	2.8503138163193
(223755)	15.3	86.83570	45.16351	274.59140	10.87132	0.1784361	2.7838826163179	(223807)	15.0	337.37255	6.37623	35.79902	10.22444	0.0609710	3.1270974163193
(223756)	15.6	129.69082	58.54175	194.89507	11.60760	0.0406565	3.0024342163179	(223808)	15.7	116.87941	62.87881	217.18891	8.30381	0.1562299	2.7227980163194
(223757)	16.9	142.40932	54.90662	224.66800	1.85296	0.0560843	2.7761496163179	(223809)	15.2	18.57985	1.65791	33.04924	13.01061	0.1831361	2.8397851163194
(223758)	16.5	337.07095	348.58509	83.42667	0.40257	0.1717309	2.9363205163180	(223810)	15.5	42.36210	225.49189	103.08021	10.03660	0.1484339	3.0157015163194
(223759)	16.4	357.57556	237.45558	162.40573	2.43713	0.1041438	2.9500356163180	(223811)	16.0	69.90018	250.29994	85.55110	1.66397	0.0723670	2.8491176163195
(223760)	16.1	38.36543	121.97857	257.66649	1.57752	0.1809052	2.7810676163180	(223812)	15.7	347.32563	2.92651	39.46387	17.81260	0.1761735	3.0544712163195
(223761)	16.5	338.13507	226.04745	188.42936	1.78528	0.0571956	2.8654491163181	(223813)	16.3	38.10983	346.43864	16.79472	1.95285	0.0807535	2.8653752163195
(223762)	16.5	143.03080	241.72546	21.99148	3.04648	0.0285788	2.7561795163181	(223814)	16.4	348.78538	170.46063	270.67541	0.69425	0.0682757	2.8138134163195
(223763)	16.1	3.93548	29.25358	14.64133	5.79608	0.0641149	2.7933943163181	(223815)	15.8	264.71508	115.44583	2.14615	0.78376	0.1922999	3.1506414163196
(223764)	15.5	77.76045	265.21249	69.00334	12.09145	0.1529819	2.7577265163181	(223816)	16.1	163.50754	187.65517	32.83399	11.37241	0.0532483	3.0136920163196

(223817)	16.2	195.14032	36.07511	149.55875	2.82458	0.0940138	3.0603904163196	(223869)	15.8	282.25434	51.87640	80.85820	1.49985	0.1836049	3.0614438163210
(223818)	14.9	310.09238	155.34393	293.94113	9.52738	0.0592524	3.0792274163196	(223870)	15.5	300.89921	61.51195	52.41024	3.50353	0.2185780	3.0784709163210
(223819)	15.6	2.59855	287.02105	127.83948	5.23182	0.0643462	2.7991960163197	(223871)	15.2	40.04103	280.07773	48.18931	11.33934	0.0777271	3.1142040163211
(223820)	15.1	106.67240	195.20087	85.61312	3.40368	0.0888938	2.8745686163197	(223872)	15.1	34.19497	321.61280	46.74788	9.43386	0.1007284	3.0010573163211
(223821)	15.8	341.83078	59.49567	32.77634	12.56302	0.1704972	2.8096170163197	(223873)	15.2	15.29827	133.78561	246.96432	10.08271	0.0693750	2.9910304163211
(223822)	14.9	274.95248	77.97652	37.34616	21.95624	0.1014344	3.0856234163198	(223874)	15.5	163.09185	158.50895	66.12518	6.55005	0.0886588	3.1298375163212
(223823)	15.8	299.01704	254.34011	206.67093	9.57211	0.1496648	3.0243154163198	(223875)	15.7	101.83383	236.15624	39.69757	5.46990	0.0511612	3.1227824163212
(223824)	15.4	350.99847	11.46308	41.79200	10.38956	0.0768177	3.0003668163198	(223876)	16.6	0.37938	284.16908	117.93445	2.24638	0.1196627	3.0042204163212
(223825)	15.3	331.32748	345.00005	105.81730	7.44151	0.1608749	2.9112006163199	(223877)	15.7	31.30938	285.04264	54.08411	12.94032	0.3422284	3.0448976163212
(223826)	16.1	52.24498	26.97068	342.02646	3.86688	0.0828845	2.7949574163199	(223878)	15.5	337.75195	324.65898	117.65093	7.11926	0.2164316	2.8766913163213
(223827)	14.8	32.31661	295.01824	37.15047	17.05234	0.1195111	3.0727604163199	(223879)	16.6	230.55154	129.58978	58.58063	2.91503	0.0230266	2.9289134163213
(223828)	15.7	38.08789	307.78086	61.46753	2.95755	0.0713095	2.8613524163199	(223880)	15.5	332.08898	43.47620	31.90652	10.47397	0.0285132	2.9864988163213
(223829)	16.4	47.07777	345.00921	9.79327	1.84098	0.0852197	2.8476698163200	(223881)	15.8	19.88974	4.19922	33.63949	2.64591	0.0835033	2.9318009163213
(223830)	15.3	40.42650	292.85099	83.86538	7.09979	0.0603521	2.7890141163200	(223882)	15.2	42.93622	348.07030	32.38042	9.90583	0.1079920	2.9175521163214
(223831)	15.6	5.93711	221.79338	162.03450	9.17529	0.1009465	2.9636705163200	(223883)	15.1	15.64476	270.81895	98.73990	8.12626	0.1253017	3.0193917163214
(223832)	15.2	39.89962	354.19110	355.40227	10.59837	0.0708400	2.9660968163201	(223884)	15.9	331.19069	79.75971	16.43733	11.66071	0.2507778	2.9853969163214
(223833)	14.7	139.59868	40.15958	227.45043	13.09954	0.0536075	2.8550867163201	(223885)	15.2	352.71789	354.33598	59.08752	13.82651	0.1236926	3.0093294163214
(223834)	15.7	136.39453	68.49826	192.74711	8.78640	0.0940892	2.8274073163201	(223886)	15.3	335.38052	357.12535	85.11647	9.21976	0.2612329	3.0128310163215
(223835)	16.6	34.22166	134.83519	255.44293	0.97004	0.0695918	2.8325289163201	(223887)	15.8	19.86507	197.86363	160.94037	4.72324	0.2460930	3.0604221163215
(223836)	15.0	71.80403	92.51885	217.22173	9.25057	0.1145714	2.9946753163202	(223888)	15.6	7.34858	188.67012	215.27678	8.97508	0.1203413	2.9944885163215
(223837)	15.2	22.29610	312.44717	37.20236	11.40321	0.1186392	3.0761200163202	(223889)	15.7	82.96545	109.60008	278.57573	4.99479	0.0309187	2.7137382163216
(223838)	15.7	25.46641	346.24872	9.51333	3.84478	0.2028432	3.0298206163202	(223890)	17.0	12.97274	354.72204	49.06033	24.57113	0.0148411	1.8666045163216
(223839)	15.9	242.70228	299.38566	205.30763	11.34437	0.0596269	3.0119002163203	(223891)	15.3	342.86776	354.41294	57.63436	10.07325	0.1253201	3.0591875163216
(223840)	16.5	40.32887	140.67565	184.52292	5.71223	0.1448272	3.0233457163203	(223892)	14.8	69.61099	249.17147	67.99119	11.34170	0.1609853	3.0653707163216
(223841)	15.5	13.19197	342.67226	39.64473	10.40804	0.0520711	3.0095127163203	(223893)	14.7	40.55806	279.73474	69.28895	17.04621	0.1370343	3.1065917163217
(223842)	15.7	76.09787	168.09725	177.76946	6.95270	0.0732715	2.7909500163203	(223894)	15.1	343.87753	338.69671	76.27371	7.27151	0.1636961	3.0803539163217
(223843)	14.9	60.85326	67.95365	265.29161	9.75626	0.1266457	2.9651137163204	(223895)	15.1	51.07359	269.48865	49.26261	23.11953	0.2163614	3.0978501163217
(223844)	14.8	358.19978	73.65498	313.41566	9.80355	0.0926604	3.0944866163204	(223896)	15.8	357.94229	90.68453	324.29706	3.33453	0.1389969	2.9700191163218
(223845)	16.7	56.19589	128.34018	237.46894	1.14613	0.0916080	2.7521265163204	(223897)	15.1	358.40105	353.38651	27.01210	9.80448	0.0300880	3.1288351163218
(223846)	16.6	6.47401	31.02752	34.70012	3.48749	0.0847360	2.7691705163204	(223898)	15.1	329.74016	108.27148	319.84104	4.67749	0.1405416	3.1069387163218
(223847)	15.6	70.32814	310.19137	25.45672	8.89802	0.0866299	2.8315918163205	(223899)	15.0	55.50999	297.90939	55.83843	11.98609	0.0993056	2.9739115163218
(223848)	17.0	339.48291	24.30774	51.32215	2.26253	0.1595867	2.9310592163205	(223900)	15.9	3.08464	289.31801	102.61518	3.73298	0.1882386	3.0437025163219
(223849)	15.6	320.90431	63.83621	16.43815	3.76998	0.1457850	3.0814908163205	(223901)	16.7	33.52454	254.10830	107.17199	2.71935	0.1535152	2.9922832163219
(223850)	15.4	212.15385	159.30023	35.39756	5.53243	0.1201910	3.0750676163205	(223902)	15.9	1.33878	138.66625	246.80171	2.22503	0.1576531	3.0747420163219
(223851)	16.1	58.92717	44.57145	281.00035	1.04250	0.2392153	2.9940447163206	(223903)	15.4	258.23857	76.50939	72.93670	10.84976	0.0466911	3.0483037163220
(223852)	15.6	56.70968	121.03513	245.03123	5.49900	0.0844487	2.8296983163206	(223904)	15.3	247.56588	105.03290	52.92706	9.67148	0.0494457	3.1009907163220
(223853)	16.9	143.72404	112.32301	157.47122	2.40072	0.0183421	2.8478463163206	(223905)	15.2	157.53288	338.85351	263.43291	7.91883	0.0560039	3.0282803163220
(223854)	15.7	79.13920	279.43568	31.61225	11.93106	0.0494006	2.9989790163206	(223906)	14.9	262.46511	112.12342	53.72468	20.74723	0.2693635	3.1225891163220
(223855)	14.9	62.70327	41.81107	272.58095	10.53939	0.0798982	2.9903441163207	(223907)	14.8	231.49372	100.52440	61.68156	10.06433	0.0520638	3.1740723163221
(223856)	14.9	43.32708	97.71825	259.46571	9.19967	0.0723107	2.9490318163207	(223908)	15.5	346.91454	7.07782	64.97289	3.27903	0.0677206	2.9972300163221
(223857)	16.4	44.53254	311.16328	46.49972	2.64460	0.0895862	2.9330588163207	(223909)	14.8	68.28081	234.66186	91.38274	20.12464	0.0870692	3.0306358163221
(223858)	15.8	91.12205	334.99794	325.47122	1.73070	0.1829889	2.9693864163207	(223910)	15.1	0.54376	166.15302	228.46730	9.65319	0.0884349	3.1148075163221
(223859)	16.4	350.73326	216.45314	193.17030	0.45716	0.0990813	3.0220479163208	(223911)	15.5	358.38735	202.30801	172.30364	4.54304	0.1360770	3.1320996163222
(223860)	16.0	349.17025	185.88700	198.46092	4.72570	0.0105639	3.1837683163208	(223912)	16.2	127.03823	63.06041	230.56909	9.44430	0.0837376	2.9068185163222
(223861)	16.5	35.19452	332.67777	27.75023	2.17643	0.0870769	2.8850230163208	(223913)	15.1	347.87295	318.43710	130.46452	9.33326	0.2206020	2.9049198163222
(223862)	15.2	332.20506	105.36248	301.48142	7.96718	0.0690277	3.1634525163208	(223914)	14.5	355.30075	172.08776	263.87138	14.00692	0.2235595	3.0481717163222
(223863)	15.2	64.64533	279.26780	43.26353	10.23694	0.1015876	3.0525016163209	(223915)	15.7	220.16064	116.98114	42.13792	2.12030	0.0918137	3.1747366163223
(223864)	15.5	44.62633	135.97257	226.92699	8.52592	0.0874747	2.9668234163209	(223916)	16.0	352.78500	266.31840	171.19336	2.05947	0.0482351	2.8566485163223
(223865)	15.1	283.62118	190.01980	275.10189	8.52028	0.0573688	3.0464486163209	(223917)	14.8	18.61087	338.76592	23.60590	16.44918	0.0904695	3.1433626163223
(223866)	15.4	66.58165	38.92431	277.61650	9.12755	0.0121074	2.9676244163209	(223918)	15.4	37.02430	258.00672	101.28366	3.77040	0.0839642	3.0075937163224
(223867)	14.9	81.13447	66.07833	227.30596	8.32746	0.0787229	3.1661572163210	(223919)	15.6	335.57377	316.26506	122.89225	3.24631	0.1897786	3.0184263163224
(223868)	15.5	109.85825	178.07925	104.76501	5.80646	0.0815044	2.8133660163210	(223920)	16.4	123.30722	255.50487	44.68028	2.62643	0.0458470	2.8614961163224

(223921)	16.2	357.26486	251.26431	146.79092	3.78906	0.2524366	3.0299102163224	(223973)	14.7	218.70889	277.34920	255.30295	8.28519	0.0344442	3.1667835163239
(223922)	14.7	119.63626	190.34169	73.29992	11.25064	0.0603470	3.1169678163225	(223974)	16.1	350.31040	55.76092	10.54861	4.59502	0.1198725	3.1490446163239
(223923)	15.0	284.89766	63.23021	60.49164	12.42462	0.0694999	3.0578482163225	(223975)	16.1	336.39966	274.88159	144.70218	1.72273	0.1753378	3.1766752163239
(223924)	15.4	15.18499	48.59623	346.19555	2.81418	0.1085620	3.0413709163225	(223976)	14.9	9.43692	59.14286	341.77495	9.77997	0.0723739	3.0272376163240
(223925)	14.8	353.48252	134.12670	261.12242	16.64032	0.1399250	3.1664687163225	(223977)	17.2	44.43851	278.76761	82.10146	23.15350	0.1163230	1.8748300163240
(223926)	14.7	293.81739	186.26947	264.96013	9.65037	0.0810898	3.1793432163226	(223978)	15.9	314.54486	355.70240	73.50342	2.39258	0.0754890	3.1927573163240
(223927)	15.7	310.28284	257.24081	220.25663	2.83341	0.1816179	3.0065414163226	(223979)	15.9	332.53404	99.54016	10.22769	1.12071	0.1552275	3.0994722163241
(223928)	15.5	51.63247	130.62740	275.05212	11.14828	0.1710302	2.7526049163226	(223980)	14.4	336.14054	326.11306	123.02712	17.64241	0.1563029	3.1814253163241
(223929)	15.2	304.41991	115.05695	25.52566	10.11183	0.2162787	2.9880427163227	(223981)	16.3	284.94041	165.62197	338.59892	18.14611	0.0678380	1.9581281163241
(223930)	15.2	18.94169	37.21313	338.28424	9.41745	0.1236608	3.0584169163227	(223982)	14.7	327.60866	181.96524	295.54569	10.71128	0.1611491	3.1088017163242
(223931)	15.2	19.93987	25.53813	339.70901	5.79850	0.1864455	3.0680950163227	(223983)	15.0	336.43761	336.12349	130.54084	6.78765	0.2302249	3.0685974163242
(223932)	15.0	20.55549	337.10103	61.48637	11.89444	0.0644217	3.0041014163228	(223984)	14.3	23.68346	255.92584	119.61987	15.92331	0.2544106	3.1754663163242
(223933)	14.5	62.73858	251.86769	60.97494	22.65751	0.0789733	3.2343115163228	(223985)	14.4	299.34019	213.06145	264.64430	16.75049	0.0544940	3.1368070163243
(223934)	15.8	354.02304	91.29585	313.66216	3.58955	0.1622369	3.0911407163228	(223986)	15.0	8.84683	339.75870	63.73164	17.71362	0.2386862	3.1241884163243
(223935)	15.0	327.87586	170.75298	280.23694	8.57786	0.1765516	3.0596314163228	(223987)	16.2	120.34946	293.68260	3.98951	20.70723	0.0503680	1.9615821163243
(223936)	15.1	354.53322	338.45714	75.06211	10.45060	0.0875876	3.0972660163229	(223988)	15.0	18.89087	254.45323	129.58276	9.84031	0.0725313	3.1742277163244
(223937)	14.7	40.42241	295.48888	83.87705	11.51898	0.0747497	2.9840378163229	(223989)	15.3	327.41326	60.34724	50.76707	12.73491	0.1135174	3.1329280163244
(223938)	14.2	346.17637	330.19452	76.45291	18.32767	0.2141903	3.2035076163229	(223990)	14.5	306.98029	151.69884	304.66693	9.42212	0.1664466	3.1489589163244
(223939)	15.8	354.02939	309.01905	92.40698	3.15558	0.1399413	3.1205844163230	(223991)	15.0	313.90882	7.16688	139.99015	6.18885	0.1137440	3.1445085163245
(223940)	15.1	301.38662	184.43015	282.57740	3.96679	0.1680182	3.1777628163230	(223992)	14.6	206.59285	83.65169	100.53057	4.27813	0.1272635	3.9258517163245
(223941)	15.6	35.22618	277.33682	90.47619	2.94546	0.1089113	3.0225780163230	(223993)	17.0	320.27483	94.87298	23.50058	20.72935	0.0941474	1.9552667163245
(223942)	14.9	4.83612	332.84054	63.51855	6.15690	0.1536918	3.1849068163230	(223994)	17.7	98.83078	81.12692	193.00071	6.67547	0.2040877	2.1821006163245
(223943)	15.4	266.03550	53.82119	95.05281	6.69949	0.0910461	3.1208253163231	(223995)	14.9	359.81879	172.51575	301.93344	7.21930	0.2640436	3.0234357163246
(223944)	14.7	13.94981	311.55269	64.63417	11.24544	0.1011168	3.2337827163231	(223996)	16.4	57.81182	287.29031	84.10891	24.01129	0.1109586	1.9928144163246
(223945)	15.2	316.31080	177.09263	294.05862	4.44489	0.1195611	3.1543630163231	(223997)	17.3	105.20467	71.84562	193.58042	3.89681	0.2296481	2.2092044163246
(223946)	14.9	6.98200	156.93337	255.92739	14.90391	0.1117063	3.0201774163232	(223998)	17.4	129.40328	248.42558	20.31896	3.84548	0.1783335	2.1743176163246
(223947)	15.4	20.75994	133.58457	254.19168	8.00095	0.0723651	3.0833819163232	(223999)	17.3	112.28066	161.67548	94.25147	2.99612	0.2031513	2.2197319163247
(223948)	16.0	180.40046	127.46659	112.77081	2.14591	0.0186842	3.0526267163232	(224000)	16.1	91.39394	263.29903	32.85691	23.41539	0.2666595	2.2063463163247
(223949)	15.7	342.89636	72.08556	9.88611	3.89818	0.1590963	3.0426964163233	(224001)	17.1	60.71160	134.04894	151.03758	6.88718	0.1127413	2.2798669163247
(223950)	15.1	311.59207	183.37381	260.06149	8.84680	0.0558215	3.2333939163233	(224002)	17.6	108.74511	240.03873	37.66782	6.05713	0.1511063	2.1896380163248
(223951)	15.1	341.46289	302.23271	138.18507	15.17932	0.1713735	3.0026538163233	(224003)	16.5	326.95395	65.29134	52.47955	22.08658	0.0936308	1.9800777163248
(223952)	14.9	21.86744	312.07281	71.57434	12.25315	0.2030836	3.1180878163233	(224004)	16.3	73.68254	143.78987	163.31228	6.92668	0.2927112	2.2411406163248
(223953)	15.1	347.10499	180.54762	233.29911	12.49055	0.0534392	3.1627668163234	(224005)	18.0	71.31502	154.03048	182.53385	1.16463	0.1767124	2.1211205163249
(223954)	16.4	1.39270	329.21265	71.53131	4.01863	0.0517525	2.9937126163234	(224006)	18.3	171.89163	186.32096	26.53545	4.85386	0.0573121	2.1538676163249
(223955)	15.0	290.67553	30.55251	99.42501	4.56815	0.1229717	3.0688467163234	(224007)	17.6	99.05091	341.61489	304.78262	1.44890	0.1704335	2.1978537163249
(223956)	15.0	25.55522	125.65240	263.56053	13.98437	0.0466079	3.0562519163234	(224008)	15.2	285.19226	318.00480	165.49628	3.88867	0.1316220	3.9752924163249
(223957)	14.2	342.87284	333.08832	106.64706	33.86875	0.2941775	3.1230240163235	(224009)	17.7	92.25649	261.46391	54.31555	3.40284	0.1933475	2.1454151163250
(223958)	15.0	280.56307	76.10860	60.04272	7.10644	0.0573286	3.0460439163235	(224010)	17.0	126.88850	246.86851	30.76340	5.24968	0.1193576	2.1520959163250
(223959)	14.7	45.76911	113.13104	234.72655	9.13677	0.0527750	3.1055727163235	(224011)	14.3	203.82339	163.50091	53.86886	8.85297	0.0743401	3.9421328163250
(223960)	15.3	21.58184	354.45829	98.85318	6.15334	0.0341316	2.7781389163236	(224012)	17.5	77.78642	109.13265	194.74231	3.90372	0.2386353	2.2523235163250
(223961)	15.8	285.85032	295.46169	192.22079	2.98158	0.1295856	3.1433692163236	(224013)	16.6	104.33468	212.56003	82.54515	5.97064	0.1447587	2.2138050163251
(223962)	15.7	23.90498	55.17434	346.61055	1.22495	0.1196161	3.0249005163236	(224014)	17.7	138.35330	161.25380	93.58191	1.43800	0.0902745	2.1798975163251
(223963)	15.8	353.54550	252.37358	146.49618	2.87459	0.1562900	3.1022465163236	(224015)	17.4	13.91210	163.58013	223.90738	3.50882	0.1485689	2.1615613163251
(223964)	15.8	27.00524	21.42581	14.61154	1.27806	0.0836390	3.0510059163237	(224016)	17.5	76.96004	231.28202	72.18818	3.70699	0.2490047	2.2830450163252
(223965)	14.6	19.41871	309.23902	67.61101	15.22290	0.2241067	3.1981496163237	(224017)	18.1	114.46583	163.54951	105.83717	3.74534	0.1776315	2.2239752163252
(223966)	16.0	317.86716	73.28128	34.73479	5.85406	0.2424117	3.1270488163237	(224018)	17.2	116.19609	299.46271	346.43466	2.60455	0.1156364	2.1811047163252
(223967)	14.9	333.33927	136.23181	303.13330	8.14690	0.1108337	3.0971711163237	(224019)	17.3	31.49054	336.09848	34.71756	3.36054	0.0677215	2.1610854163252
(223968)	15.4	307.44080	330.75157	125.45816	2.22549	0.1809885	3.2109382163238	(224020)	12.6	9.59969	140.05159	230.07452	27.90350	0.0205429	5.1330232163253
(223969)	15.1	357.67101	55.69936	357.16992	14.09412	0.2202309	3.1583706163238	(224021)	17.6	52.00127	170.42079	159.54665	3.31258	0.2689975	2.3132221163253
(223970)	15.4	46.27060	118.02627	243.65603	7.50139	0.1080880	3.0743242163238	(224022)	16.4	84.63153	277.48578	3.31222	8.91492	0.2204665	2.3904272163253
(223971)	14.8	59.58055	335.11104	35.33143	10.23949	0.3024217	2.9480246163238	(224023)	17.1	104.41684	208.70203	87.24282	4.98393	0.1174632	2.1977297163254
(223972)	14.9	207.57013	168.80616	61.99078	13.00316	0.0467301	2.9723069163239	(224024)	17.2	97.21959	52.22432	237.54230	4.81116	0.2500977	2.2679774163254

(224025)	17.0	124.36278	49.25833	218.11065	2.73914	0.2016518	2.2791702163254	(224077)	17.6	83.39356	179.60189	126.12053	3.78201	0.1635698	2.3630409163269
(224026)	16.9	75.05101	150.56972	159.15407	3.73775	0.2576494	2.3093483163255	(224078)	17.8	157.47306	20.12003	196.83633	2.92049	0.1356633	2.3491543163269
(224027)	17.0	78.64415	147.69842	141.67566	3.46441	0.2238973	2.3446064163255	(224079)	17.0	30.54662	272.88356	117.92999	3.20438	0.2251682	2.3456054163269
(224028)	16.6	80.57251	41.27547	255.20125	23.87942	0.2043656	2.3092760163255	(224080)	17.5	63.56253	180.91259	136.52940	2.57762	0.1828887	2.4048562163270
(224029)	17.3	46.30544	280.46219	77.15987	7.93396	0.1523524	2.2002465163255	(224081)	17.3	95.92082	178.82915	118.02543	5.24680	0.1185494	2.3243175163270
(224030)	15.5	49.43474	200.94367	107.49404	8.44158	0.2122439	2.4724967163256	(224082)	16.8	61.05989	270.31357	61.64210	7.44029	0.1494386	2.3480135163270
(224031)	16.8	29.72626	254.37600	104.60447	3.70938	0.1893007	2.3872274163256	(224083)	16.8	127.97998	285.92144	312.19415	5.34533	0.2655622	2.3168608163270
(224032)	16.9	67.34245	162.62252	172.10997	4.88640	0.1703168	2.3205617163256	(224084)	17.5	75.05382	104.86202	201.48803	3.55873	0.0530820	2.3868570163271
(224033)	17.4	36.71898	238.20533	131.58074	2.17215	0.1880534	2.3845024163257	(224085)	16.4	85.33362	22.62601	283.18506	4.62352	0.1630800	2.3948768163271
(224034)	16.4	57.94956	301.44057	2.00414	6.37140	0.1966266	2.3840213163257	(224086)	16.0	66.98173	95.61908	240.95724	5.83273	0.1285168	2.3823687163271
(224035)	16.6	352.50820	174.50467	246.36863	5.65226	0.1450528	2.2870236163257	(224087)	16.7	63.29406	107.41445	207.12836	10.42949	0.2277222	2.4546205163272
(224036)	17.1	75.33859	40.48578	260.76297	2.10638	0.1790751	2.4146582163257	(224088)	16.4	33.16207	128.36200	255.67231	8.93249	0.2466233	2.3791972163272
(224037)	16.3	82.42524	125.96293	180.75323	8.45837	0.2158604	2.3078922163258	(224089)	16.2	87.63894	18.64026	283.72707	6.51660	0.1820737	2.3831326163272
(224038)	17.6	78.07522	312.28272	337.10413	0.47319	0.1778153	2.3952443163258	(224090)	17.5	89.80289	86.25029	191.53025	5.33800	0.1979619	2.4069269163273
(224039)	16.7	143.85384	77.61213	184.36190	6.98152	0.0960360	2.1779159163258	(224091)	17.1	104.34721	239.38271	43.60871	5.80258	0.1838872	2.3621230163273
(224040)	16.8	39.42187	194.23155	152.02798	3.74748	0.1436844	2.3963911163259	(224092)	16.5	85.81849	38.47266	277.27926	9.05355	0.0478571	2.3181755163273
(224041)	16.5	80.92395	356.37711	306.65474	6.09930	0.1119392	2.3688617163259	(224093)	16.4	45.71312	274.12949	81.97205	4.69960	0.2081926	2.3978050163273
(224042)	17.0	43.49672	73.61350	271.09854	5.38179	0.1441971	2.3948549163259	(224094)	16.8	38.44112	18.32698	350.32896	4.35213	0.2060645	2.3953258163274
(224043)	17.0	37.53114	250.71247	116.22408	6.51127	0.2142319	2.3513919163259	(224095)	17.3	78.10949	24.19042	290.84623	2.00160	0.1885391	2.3873157163274
(224044)	17.5	83.28067	179.01762	127.15468	2.03076	0.1857283	2.3525514163260	(224096)	17.2	74.07484	258.71147	41.93130	1.99051	0.1836871	2.4539552163274
(224045)	17.5	85.97272	160.24701	124.57894	3.25709	0.2240832	2.3757392163260	(224097)	16.6	26.01416	37.70785	329.44226	7.11517	0.2428016	2.4165035163275
(224046)	16.6	92.20496	4.52177	284.73856	7.51778	0.2719204	2.3710112163260	(224098)	16.4	27.16671	332.09603	31.67685	7.31163	0.1865356	2.4146975163275
(224047)	17.8	83.15664	108.50964	219.40890	4.52845	0.1940828	2.3117786163260	(224099)	16.8	67.85454	113.08690	200.12935	0.67647	0.1906550	2.4218569163275
(224048)	17.7	52.42047	59.08223	279.02505	0.42690	0.2055206	2.3817289163261	(224100)	17.3	95.15846	144.03607	150.37027	6.08424	0.1162372	2.3781202163276
(224049)	16.8	42.10779	249.38371	110.68989	7.95973	0.1689427	2.3540917163261	(224101)	16.6	129.37887	279.87345	346.41115	4.60403	0.1060253	2.3458315163276
(224050)	17.1	166.11257	109.67649	130.19385	5.95656	0.1227818	2.2608168163261	(224102)	16.8	128.21796	268.07588	351.20116	0.57595	0.1687588	2.3538956163276
(224051)	16.8	65.29437	121.52935	199.32911	4.31384	0.2422791	2.3954284163261	(224103)	17.3	65.45855	125.96939	171.43365	5.88294	0.2227482	2.4798890163276
(224052)	16.8	43.59190	142.61833	227.13507	5.15498	0.1977999	2.3453533163262	(224104)	17.2	93.04622	60.94451	225.35437	1.34930	0.1619575	2.4194229163277
(224053)	16.5	32.67672	190.94185	159.78199	6.39422	0.1184812	2.4038528163262	(224105)	16.9	49.14123	326.72480	12.10475	1.50174	0.2033461	2.4086705163277
(224054)	17.0	40.38117	40.74451	321.31426	3.62113	0.1951262	2.3647482163262	(224106)	16.5	34.41026	216.57670	140.48164	2.45598	0.2320376	2.4292284163277
(224055)	16.9	15.46898	84.54304	305.69006	5.72654	0.1047686	2.3302120163263	(224107)	17.3	92.65390	124.98370	164.86691	2.11735	0.2177364	2.3752523163278
(224056)	17.3	115.11545	233.45133	42.43006	2.29995	0.1937286	2.3053608163263	(224108)	17.2	110.50189	352.82785	299.42564	3.35687	0.1802342	2.3113403163278
(224057)	16.0	61.85029	294.58098	45.65600	24.35899	0.2376000	2.3810453163263	(224109)	16.9	45.81308	238.23818	128.74806	1.93969	0.1939980	2.3646073163278
(224058)	17.3	49.77145	113.58348	244.58160	1.47966	0.1968318	2.3615955163264	(224110)	17.1	60.98920	297.28160	18.82063	2.60573	0.2119135	2.4088666163279
(224059)	18.0	75.40026	139.54718	174.99126	1.08014	0.1942441	2.3593531163264	(224111)	16.5	36.22198	248.03793	124.84358	3.29378	0.1525905	2.3824337163279
(224060)	16.8	285.10704	180.05014	299.89428	5.96992	0.0473745	2.3269867163264	(224112)	16.8	13.61160	45.95677	353.96752	1.21773	0.1802394	2.3935071163279
(224061)	17.1	42.17219	225.84871	149.53708	7.13841	0.1136883	2.3094800163264	(224113)	16.8	77.41542	325.86492	342.77684	10.88906	0.1764870	2.404656163280
(224062)	17.8	93.72578	102.41364	177.05931	1.09882	0.1750120	2.3619793163265	(224114)	16.8	99.89767	293.06494	23.37529	2.44147	0.1762412	2.3046333163280
(224063)	17.2	54.75900	62.58595	283.94865	1.97349	0.1519959	2.3458737163265	(224115)	16.7	59.65410	291.46579	57.76209	7.22142	0.2398252	2.3535106163280
(224064)	17.4	111.00056	38.40133	200.09703	1.65877	0.1408059	2.4512762163265	(224116)	17.3	79.73850	302.98434	347.53199	1.76191	0.2158287	2.4561016163280
(224065)	17.4	120.63543	103.70436	164.68231	3.99624	0.1025987	2.3423453163265	(224117)	17.3	357.20011	138.17209	270.60907	1.60629	0.1899137	2.4644617163281
(224066)	17.3	78.59790	136.56134	165.08315	2.31107	0.2024374	2.3805007163266	(224118)	16.7	150.98878	78.30249	162.79541	7.31202	0.2054967	2.3604491163281
(224067)	16.7	69.41741	198.50851	146.10631	2.64523	0.1329578	2.3726354163266	(224119)	16.9	124.70974	263.83471	9.17814	3.87586	0.1267593	2.3785248163281
(224068)	17.5	25.52117	231.39082	134.31052	1.92682	0.1894186	2.3943545163266	(224120)	17.1	96.10809	78.28808	196.34438	2.03977	0.1805273	2.4078279163281
(224069)	17.2	30.02504	231.73521	134.51851	3.06902	0.1610674	2.3975371163267	(224121)	17.7	104.88451	153.04264	119.02090	0.79828	0.2270033	2.3977181163282
(224070)	16.9	63.65716	196.11251	156.58915	6.69538	0.1744708	2.2952254163267	(224122)	16.8	9.75579	244.04492	153.00214	6.15943	0.1896804	2.4238932163282
(224071)	17.3	121.66875	62.59562	184.34871	4.32462	0.1496673	2.3669730163267	(224123)	17.0	38.80532	186.45307	183.18308	6.59992	0.1191755	2.3886625163282
(224072)	17.3	76.97507	107.32402	197.39606	4.67986	0.1686260	2.2902325163267	(224124)	16.1	53.25676	39.17689	319.45747	6.07749	0.1599018	2.3785248163283
(224073)	17.2	69.56201	197.18656	142.11355	4.59820	0.2380297	2.3330147163268	(224125)	17.4	99.71776	112.18993	170.54814	1.33068	0.1747935	2.4196456163283
(224074)	17.0	326.96933	311.40104	145.02025	6.53595	0.1109279	2.2570453163268	(224126)	16.9	126.22763	251.96654	19.15189	4.72567	0.1178460	2.4059079163283
(224075)	17.0	114.92248	242.04388	35.07752	6.21804	0.1558250	2.2947500163268	(224127)	16.8	5.49487	256.73602	155.61811	1.30746	0.1840850	2.4421189163284
(224076)	16.7	52.47130	59.12254	292.19248	3.77482	0.2497402	2.3596802163269	(224128)	17.0	7.81483	26.37895	37.85543	1.93340	0.1676205	2.3899064163284

(224129)	16.5	68.86900	299.32517	35.80426	3.02960	0.1817328	2.3886958163284	(224181)	16.9	3.31231	39.09656	25.07439	6.36089	0.0951235	2.3879220163299
(224130)	17.1	324.77155	318.71132	132.82065	2.88781	0.1027285	2.4481554163285	(224182)	16.5	42.43608	308.19581	55.16019	6.67753	0.2396394	2.4163655163300
(224131)	17.2	41.34352	127.40104	241.69614	1.00856	0.2327697	2.4116110163285	(224183)	16.0	36.70110	347.33350	339.10528	14.02367	0.2989895	2.5892427163300
(224132)	17.7	62.70296	163.81526	162.65609	2.65819	0.1988848	2.4146155163285	(224184)	16.9	10.83801	145.35742	275.35380	0.73856	0.1622468	2.4016520163301
(224133)	17.1	59.30056	187.33772	142.47369	3.10300	0.1869367	2.4226997163285	(224185)	17.6	122.68829	94.40548	179.44966	0.99218	0.1700046	2.3909213163301
(224134)	17.3	100.75897	294.50384	349.82805	0.82983	0.1755245	2.3899786163286	(224186)	17.0	14.24780	261.25517	134.61990	1.91685	0.1842095	2.4399395163301
(224135)	16.6	110.72675	100.72533	206.51105	1.36733	0.1466758	2.3355495163286	(224187)	17.2	73.78247	290.54357	4.34929	2.90136	0.1838844	2.4794047163301
(224136)	16.5	68.17976	145.54299	198.37253	1.87541	0.1996205	2.3862814163286	(224188)	17.3	356.77452	245.54512	204.42107	2.90375	0.1857665	2.3984250163302
(224137)	16.4	146.44849	353.53120	268.38292	6.14016	0.0890170	2.3196518163287	(224189)	17.1	106.73464	348.38004	284.15042	3.77386	0.2102536	2.4292763163302
(224138)	16.8	55.79411	100.95241	218.66173	5.67221	0.1286122	2.4735108163287	(224190)	16.9	81.42883	108.26228	214.18410	3.43989	0.2345812	2.3782942163302
(224139)	16.8	58.61477	148.34295	178.63871	6.52687	0.1327495	2.4554991163287	(224191)	16.7	88.74014	327.11672	356.91374	1.17805	0.1961121	2.3800205163303
(224140)	17.0	35.50068	249.63235	135.78109	1.84108	0.1928388	2.3809836163288	(224192)	16.7	35.17670	125.52623	240.20757	5.45315	0.1127034	2.4422390163303
(224141)	16.9	58.50882	344.07296	352.57971	7.18042	0.2082631	2.4160669163288	(224193)	17.3	20.34233	45.46685	5.38514	1.89562	0.2079092	2.3684008163303
(224142)	16.5	84.65975	279.92979	27.17996	2.66565	0.2099048	2.3915683163288	(224194)	17.0	34.46137	291.07819	68.82375	3.38825	0.2486623	2.4280352163304
(224143)	16.9	86.68720	282.95118	32.02612	3.27579	0.1486805	2.3750576163288	(224195)	16.2	43.97256	278.15782	70.27806	7.18471	0.1392317	2.4084796163304
(224144)	17.0	76.69328	200.31178	123.54000	2.30830	0.1911555	2.3859693163289	(224196)	16.5	104.08567	23.18680	261.85195	5.64468	0.0921184	2.4219500163304
(224145)	16.6	357.28746	345.25053	74.43080	3.81375	0.1555834	2.4265446163289	(224197)	16.9	10.19482	340.12011	61.36443	2.13213	0.1863150	2.4477651163304
(224146)	16.9	127.66962	136.88174	122.73358	3.39700	0.1564741	2.4315900163289	(224198)	15.2	354.04239	199.33642	217.73595	12.38237	0.1730305	2.5847365163305
(224147)	17.1	132.09658	262.89002	352.47160	5.39304	0.1713659	2.3675580163290	(224199)	15.6	75.34265	68.57263	226.77542	13.81045	0.1511148	2.4518103163305
(224148)	17.1	53.70378	139.47893	217.16850	1.65355	0.2095072	2.3823054163290	(224200)	17.5	66.41686	49.15510	263.86873	1.29057	0.2107628	2.4604455163305
(224149)	17.2	90.25161	161.97941	152.70469	4.22696	0.0937243	2.3605129163290	(224201)	17.2	71.07709	280.08214	40.14291	6.22722	0.2303245	2.4064438163306
(224150)	16.5	42.26816	348.00766	2.81124	6.48738	0.1337953	2.4434841163290	(224202)	16.2	49.26318	330.56462	43.24869	8.49390	0.1243703	2.3729006163306
(224151)	16.5	18.19824	35.79861	338.22149	4.80048	0.0796038	2.4192051163291	(224203)	15.8	342.23676	268.76520	181.55339	21.98214	0.2949718	2.5881367163306
(224152)	17.3	21.32428	252.56060	134.51856	2.25123	0.1814618	2.4299886163291	(224204)	17.8	26.14903	31.01395	3.39001	1.41266	0.1918810	2.4153895163307
(224153)	16.9	13.18861	22.70308	17.09520	2.37403	0.1786850	2.4248934163292	(224205)	17.3	38.68429	33.58407	318.69300	1.88036	0.1855187	2.4409467163307
(224154)	16.9	67.16042	314.39957	3.32594	3.78531	0.1840179	2.4415995163292	(224206)	16.8	88.62753	72.67474	228.73415	6.09413	0.1570898	2.3859751163307
(224155)	17.3	96.94667	17.15224	223.26528	3.53201	0.1528265	2.3173589163292	(224207)	17.0	2.33291	241.43602	185.64036	2.60658	0.1812282	2.4254490163307
(224156)	16.8	229.07934	51.80434	150.39911	6.18433	0.0372982	2.2966914163292	(224208)	16.8	314.93203	263.96196	197.84434	9.37285	0.1477396	2.4903397163308
(224157)	17.3	56.99661	227.70625	99.19920	2.34297	0.1857376	2.4334531163293	(224209)	16.6	191.88690	196.92443	327.87260	2.39478	0.0192161	2.7039456163308
(224158)	16.8	4.90084	227.15966	186.39124	2.16198	0.1826002	2.4310115163293	(224210)	16.0	345.94906	207.27291	167.85470	3.76058	0.2070377	2.7388596163308
(224159)	16.3	75.78625	77.28288	246.66558	2.97466	0.2567096	2.4064122163293	(224211)	16.5	92.87593	335.05600	314.17271	4.50902	0.0601039	2.5652720163309
(224160)	16.6	104.85051	88.76397	221.64244	8.96645	0.0479806	2.2855861163294	(224212)	16.6	27.77015	229.19745	160.59464	1.22276	0.1913076	2.4241829163309
(224161)	17.0	83.17643	22.01045	277.90641	2.37330	0.1802244	2.4272947163294	(224213)	17.0	11.10019	275.38761	127.05892	5.68270	0.1975369	2.4612578163309
(224162)	17.0	342.05193	258.54760	168.40359	9.40826	0.0856343	2.4274266163294	(224214)	17.0	106.44141	218.76792	62.03535	4.57855	0.0998372	2.5421894163310
(224163)	17.2	16.24702	220.98290	173.39158	2.23693	0.2245399	2.4135411163294	(224215)	17.6	358.58284	237.45504	156.21092	3.75353	0.1081311	2.5827076163310
(224164)	17.2	359.19930	316.39239	73.66304	2.48312	0.1453202	2.5142007163295	(224216)	16.7	0.78074	18.06821	11.91870	5.67505	0.1818378	2.6039416163310
(224165)	16.9	49.45289	46.61234	311.08191	0.55370	0.1949653	2.3810619163295	(224217)	17.3	16.14002	224.89284	180.07730	2.51355	0.2167218	2.4523231163311
(224166)	16.8	100.82386	285.05197	7.25192	6.65417	0.1460719	2.3781115163295	(224218)	16.6	309.84580	82.35864	19.05463	8.89943	0.0877970	2.4854812163311
(224167)	16.6	24.49074	87.27940	288.24644	4.76403	0.1125667	2.4370818163295	(224219)	18.1	112.56270	18.57454	258.95172	0.37462	0.1635389	2.4604911163311
(224168)	16.3	296.00144	193.71885	218.31034	4.27252	0.0831587	2.6917246163296	(224220)	17.2	72.54159	279.99180	7.20869	11.36097	0.2543361	2.5731928163312
(224169)	16.9	347.14296	227.89309	203.01427	5.86484	0.2054858	2.4405490163296	(224221)	17.4	60.76562	93.82522	225.50510	0.60038	0.1971485	2.4453752163312
(224170)	16.5	316.08717	103.08499	344.49176	5.51946	0.0505533	2.4408492163296	(224222)	17.0	46.74335	299.81449	62.41646	2.31930	0.1958156	2.4479411163312
(224171)	17.1	39.00163	142.50864	226.19132	1.40776	0.1926032	2.4236450163297	(224223)	17.0	106.08122	83.84518	226.22888	2.77041	0.1932505	2.3672583163312
(224172)	17.4	61.21556	154.77542	183.85049	4.79810	0.1249422	2.4229568163297	(224224)	16.6	268.82562	111.78410	23.92034	4.65652	0.0562577	2.5419166163313
(224173)	17.6	114.78188	68.35641	204.60097	0.87806	0.1577452	2.4197957163297	(224225)	17.4	287.63664	308.04614	204.68854	0.88226	0.1207786	2.4057850163313
(224174)	17.2	77.47104	148.26233	166.47146	7.24525	0.1200585	2.4650135163297	(224226)	16.8	285.44396	286.75132	189.87605	4.33723	0.2233653	2.6319577163313
(224175)	17.0	325.31663	108.46013	6.50331	2.17296	0.1599453	2.3579970163298	(224227)	17.1	332.73281	35.00556	23.98088	4.16448	0.1139667	2.5987895163314
(224176)	17.8	335.27889	13.86102	64.78076	1.13228	0.2189147	2.4878058163298	(224228)	16.3	95.02729	269.48153	359.77587	31.86432	0.1562132	2.5675254163314
(224177)	16.9	9.55591	61.16604	351.38193	4.33464	0.2661565	2.4252872163298	(224229)	16.9	6.32646	196.65731	223.93820	5.95013	0.0883974	2.4142298163314
(224178)	17.3	26.65909	9.16993	20.05238	1.35650	0.1933263	2.4381301163298	(224230)	16.5	121.46340	184.46226	80.46781	1.00666	0.0493850	2.5505985163314
(224179)	16.5	359.20478	17.57819	61.68245	7.36059	0.1024406	2.3405473163299	(224231)	17.3	69.92270	239.67885	103.97550	1.87805	0.1833948	2.4040372163315
(224180)	16.3	84.89358	258.96470	60.75325	7.17473	0.1161225	2.3747052163299	(224232)	16.8	298.16547	90.42418	25.29556	4.96040	0.2432603	2.5380236163315

(224233)	17.6	89.85997	292.60183	13.49225	3.63448	0.1252600	2.4645690163315	(224285)	15.5	45.64057	309.01761	15.36858	15.75137	0.1777515	2.6338220163330
(224234)	17.2	106.93244	130.89745	163.33790	2.95531	0.1694328	2.4244099163316	(224286)	16.3	347.50837	236.82136	213.67345	6.55247	0.0819693	2.3959367163331
(224235)	16.7	72.41362	92.86122	207.22645	3.22924	0.1638499	2.5877556163316	(224287)	17.3	348.33218	25.68155	66.25260	3.03789	0.1326993	2.4262836163331
(224236)	17.4	101.94684	94.69766	198.74665	1.72635	0.2000411	2.3564633163316	(224288)	17.3	313.87260	139.91659	314.43193	1.58329	0.1003533	2.5297904163331
(224237)	15.5	130.34652	243.12617	352.78772	11.83883	0.2279127	2.6126545163316	(224289)	16.7	346.71829	37.79042	52.23454	1.81668	0.1468543	2.4206332163332
(224238)	16.1	315.95271	261.41350	185.03677	12.55518	0.2378559	2.7000253163317	(224290)	16.3	346.63842	209.16780	237.63841	5.31111	0.1715762	2.6870807163332
(224239)	16.1	134.83574	221.79634	8.11640	7.43941	0.1532932	2.6326676163317	(224291)	16.6	275.47968	308.27472	210.96994	5.72774	0.0651326	2.3705905163332
(224240)	17.2	311.35502	293.28777	205.81496	2.34493	0.1120523	2.3578239163317	(224292)	18.0	339.17837	30.59835	39.79804	1.68707	0.1060811	2.5391625163333
(224241)	16.6	44.32718	103.48572	188.05210	4.93293	0.1756094	2.6374476163318	(224293)	17.1	83.90670	286.56249	20.57800	3.54990	0.1278372	2.5202747163333
(224242)	17.0	101.52931	69.69779	206.27270	2.00490	0.1772329	2.4371340163318	(224294)	17.2	189.13430	178.33102	17.04500	2.67287	0.0587428	2.6243109163333
(224243)	17.1	328.49603	268.27164	197.66352	1.42809	0.0608535	2.3872273163318	(224295)	17.2	347.99102	89.10743	357.49453	1.17767	0.1483083	2.4498928163333
(224244)	16.9	233.51107	168.59217	16.94153	2.14552	0.1482436	2.4324296163318	(224296)	16.8	277.14851	302.60736	190.40884	12.65037	0.2120429	2.6007449163334
(224245)	16.9	43.18818	312.43677	19.45435	13.98143	0.3061637	2.5439612163319	(224297)	17.3	10.03173	7.79681	43.57285	6.98359	0.1127813	2.4792222163334
(224246)	16.2	74.64242	258.95566	56.37846	7.28830	0.1570707	2.4219938163319	(224298)	16.4	355.54230	124.95710	279.76054	2.63603	0.0339248	2.5526091163334
(224247)	16.9	33.59509	268.51958	103.14067	4.13062	0.0373270	2.4603853163319	(224299)	17.2	10.93090	38.56385	351.17011	4.46606	0.3130650	2.5676241163334
(224248)	16.6	39.29248	151.39633	228.32435	4.48144	0.2404623	2.4054181163320	(224300)	16.5	18.74087	310.72863	72.83823	7.00750	0.1214295	2.4708175163335
(224249)	17.1	332.53089	173.46328	245.46613	2.44883	0.0384176	2.5717659163320	(224301)	16.8	155.59857	232.87164	7.14576	6.77280	0.1181888	2.4118171163335
(224250)	16.2	42.93399	138.45583	200.34228	11.08560	0.1220630	2.5915548163320	(224302)	16.0	74.76466	317.41061	348.09278	11.74190	0.1889803	2.5658766163335
(224251)	17.6	329.12811	64.96596	44.92711	1.81804	0.1452314	2.4509720163321	(224303)	17.0	72.39753	269.50712	58.29527	6.72052	0.0367448	2.6663095163335
(224252)	15.2	336.21561	13.44508	53.70815	16.85635	0.1868195	2.6806942163321	(224304)	16.8	346.74363	221.07916	191.68292	12.94924	0.1659773	2.6175383163336
(224253)	15.4	331.29440	350.33819	95.65983	15.02705	0.2162450	2.5344104163321	(224305)	16.1	325.86576	66.46205	22.46209	11.83439	0.1702591	2.6123108163336
(224254)	17.4	352.29168	89.80178	344.93373	2.29279	0.2184825	2.4218445163322	(224306)	15.9	58.51107	335.77030	39.79889	6.75933	0.2298080	2.3558794163336
(224255)	16.6	30.76870	45.44547	301.76497	9.55816	0.1086723	2.5898885163322	(224307)	16.3	73.06637	145.58957	160.86338	4.26892	0.0895332	2.6732035163337
(224256)	16.1	350.63672	298.54787	115.56876	3.62708	0.0675637	2.5513505163322	(224308)	16.7	41.52693	259.76180	86.35157	3.27801	0.1456212	2.6257529163337
(224257)	17.4	309.77882	267.02789	194.56607	5.47322	0.1455331	2.5288348163322	(224309)	16.1	275.01665	288.65725	203.85299	9.50183	0.0247837	2.5574944163337
(224258)	16.6	350.15773	175.00868	203.39403	3.08215	0.1011905	2.7220486163323	(224310)	16.6	338.21563	160.31544	265.37014	0.88984	0.0371827	2.6498390163338
(224259)	16.6	265.61951	323.40448	204.43795	3.16522	0.0692002	2.4236422163323	(224311)	17.6	298.67936	108.83406	7.02919	2.65217	0.0602180	2.5433487163338
(224260)	16.7	230.15424	167.33518	24.09601	4.69471	0.1532642	2.4740431163323	(224312)	17.3	316.74480	87.61969	25.41434	6.71946	0.1836227	2.5383398163338
(224261)	17.1	324.74247	63.53859	7.02385	14.26175	0.1550295	2.6153665163324	(224313)	16.3	29.75440	1.22810	355.88077	1.91373	0.1241189	2.6118148163338
(224262)	16.4	327.40998	70.47195	22.40187	7.08830	0.0783841	2.4102856163324	(224314)	16.8	6.31275	0.41440	37.83500	12.87361	0.1785217	2.5679157163339
(224263)	16.9	0.42640	129.29511	269.13732	2.39077	0.1481491	2.4600764163324	(224315)	16.4	18.36878	328.08981	35.71257	2.38130	0.0770940	2.6627262163339
(224264)	16.9	48.33044	220.41742	130.70302	6.53360	0.1420720	2.4142489163324	(224316)	15.7	13.72601	311.23246	38.92450	13.85500	0.2761310	2.6824300163339
(224265)	16.5	3.89619	5.72214	31.18866	7.40951	0.0955590	2.4712496163325	(224317)	16.1	48.99426	299.77242	40.59507	10.09155	0.2130803	2.5978464163340
(224266)	17.1	29.03430	54.43317	323.82165	6.96547	0.0745341	2.4264148163325	(224318)	15.7	351.64726	185.00135	226.45650	10.29331	0.0930830	2.6209009163340
(224267)	16.7	333.79653	65.40627	43.67609	5.71274	0.1279216	2.3987158163325	(224319)	17.0	359.07639	358.84049	42.28737	1.59880	0.0949831	2.6124893163340
(224268)	16.8	328.25979	11.60582	58.79902	3.80816	0.0750467	2.5531687163326	(224320)	16.2	1.99794	324.01545	71.01911	4.10942	0.1028889	2.6525337163341
(224269)	16.7	8.57267	200.92653	195.64236	14.21279	0.2307328	2.4559583163326	(224321)	16.8	149.09774	16.38936	224.03846	3.65080	0.0620745	2.7193443163341
(224270)	17.1	21.43496	210.83189	172.58154	4.44915	0.2072713	2.4097722163326	(224322)	16.1	50.68145	258.64581	57.90118	10.40826	0.1256152	2.7683193163341
(224271)	16.9	263.14500	321.58035	197.82775	7.39969	0.2029681	2.4439396163326	(224323)	16.0	321.47943	61.84952	31.21045	22.17574	0.1122231	2.5907962163342
(224272)	17.1	121.82881	65.46584	207.19541	4.04365	0.1259734	2.4471571163327	(224324)	17.2	342.57379	224.65799	190.44897	2.24297	0.0717834	2.6501976163342
(224273)	16.9	9.62509	350.38876	36.45960	10.83439	0.1991672	2.5862612163327	(224325)	16.8	329.64070	292.56933	143.75482	1.64324	0.0406394	2.6151331163342
(224274)	16.6	307.13452	269.41641	201.02392	14.35790	0.0847522	2.5778379163327	(224326)	16.3	341.61859	211.34342	186.41807	5.50612	0.0302747	2.7572747163342
(224275)	16.1	84.06137	265.59980	25.75482	13.46524	0.1457894	2.6162024163327	(224327)	16.9	36.36395	39.20640	308.50777	1.69800	0.2397438	2.5768332163343
(224276)	16.4	87.44952	89.00568	286.57881	4.73731	0.1789680	2.2904400163328	(224328)	15.4	141.15008	7.38975	247.37397	7.41539	0.1743591	2.5422523163343
(224277)	16.6	172.35806	199.52356	11.85458	4.62541	0.0122695	2.5877045163328	(224329)	16.9	307.69983	3.42146	103.72915	4.74286	0.1586212	2.5922021163344
(224278)	16.8	334.89153	213.58285	217.60053	9.77785	0.0458036	2.5231608163329	(224330)	15.6	325.34887	208.80529	228.98205	11.00289	0.1554557	2.6718928163344
(224279)	16.3	112.67170	231.79941	21.66383	7.95251	0.1095593	2.6231510163329	(224331)	16.0	79.88258	293.25417	27.68209	4.95518	0.0643110	2.5968737163344
(224280)	17.4	301.91130	345.35950	127.97053	1.49187	0.0579647	2.4912908163329	(224332)	15.4	58.00256	302.55071	31.83592	14.89700	0.1453799	2.5905845163345
(224281)	16.7	4.13837	209.26183	181.36728	4.04069	0.0325294	2.5889205163329	(224333)	16.2	114.27892	75.87449	265.48900	3.07225	0.1934884	2.3101967163345
(224282)	17.3	124.53138	248.92325	28.51070	4.15253	0.0983184	2.4243763163330	(224334)	16.4	322.42268	29.44545	48.84518	7.00623	0.0926502	2.6575237163345
(224283)	16.4	77.59776	258.74978	54.53011	7.32786	0.1603275	2.4223578163330	(224335)	16.8	295.22419	69.29281	56.26479	4.55988	0.1495703	2.6197732163346
(224284)	15.3	28.97406	301.17513	37.18347	16.77185	0.1653702	2.7131662163330	(224336)	16.7	229.58151	113.19083	75.24143	1.85462	0.0786973	2.5972814163346

(224337)	16.9	9.12677	358.87503	73.68130	3.47031	0.1658863	2.4376459163346	(224389)	16.5	219.24805	332.73029	216.91129	5.73614	0.1735449	2.6540630163361
(224338)	16.6	337.53009	291.97245	146.25973	4.80311	0.1681780	2.5602702163346	(224390)	15.7	22.59963	303.94346	59.31163	7.20424	0.0527521	2.6973439163361
(224339)	16.0	71.68248	77.27839	227.69436	4.72544	0.0328400	2.6977789163347	(224391)	17.3	3.04602	215.80572	185.74321	1.57740	0.0497480	2.6147239163361
(224340)	15.6	255.88776	287.44995	224.98791	12.70696	0.1259580	2.6697849163347	(224392)	16.6	121.25911	203.92155	56.77316	4.37750	0.1912080	2.5928286163361
(224341)	16.9	24.34873	206.44136	171.13986	13.70852	0.1840866	2.5517233163347	(224393)	17.6	341.77483	301.37469	109.86914	0.81722	0.1336539	2.6677327163362
(224342)	15.7	15.43123	298.29250	85.70919	16.16880	0.1032118	2.5737511163347	(224394)	16.7	351.65228	294.74878	119.70104	2.91027	0.2179435	2.6088565163362
(224343)	16.1	71.06575	260.73883	46.63811	13.11832	0.2017201	2.6154050163348	(224395)	16.5	11.33343	217.32383	165.91996	4.17488	0.1118070	2.6366462163362
(224344)	15.7	269.12548	191.44545	303.44696	4.66516	0.1199968	2.6530335163348	(224396)	16.9	74.16556	78.97658	229.31596	7.49596	0.1770633	2.5894608163363
(224345)	16.3	190.87719	175.84956	21.97843	14.52215	0.0810783	2.6905737163348	(224397)	16.5	135.91603	146.03263	92.11094	3.05399	0.0310087	2.7330300163363
(224346)	16.3	68.25571	98.67895	212.65837	6.67904	0.2169239	2.6205520163349	(224398)	16.0	83.74129	246.35178	57.36227	10.24752	0.1386552	2.6110205163363
(224347)	16.9	345.38012	223.40735	214.08305	6.37238	0.1688712	2.5661289163349	(224399)	16.8	214.46600	354.72358	192.11827	3.77502	0.0395844	2.6505100163364
(224348)	16.6	295.78704	294.50934	159.72118	2.60902	0.0686867	2.7305447163349	(224400)	16.4	332.99056	153.99880	264.80448	1.39064	0.0654400	2.6483946163364
(224349)	16.5	306.40071	338.83710	115.98234	3.22567	0.0349730	2.6559858163349	(224401)	17.6	81.39392	95.66650	199.57633	2.54025	0.2551309	2.5759021163364
(224350)	16.5	50.38973	234.73153	91.22195	3.33370	0.2073982	2.6398475163350	(224402)	16.3	315.80182	69.09397	29.26069	8.10822	0.1062673	2.6032552163364
(224351)	16.1	292.92622	102.58919	30.95089	7.65185	0.1389929	2.6064305163350	(224403)	17.0	34.57621	202.94826	148.39673	7.31117	0.1893382	2.6474410163364
(224352)	17.0	32.09272	344.32623	34.15539	5.32864	0.2039410	2.5490978163350	(224404)	17.3	305.32662	294.91557	159.93640	2.24974	0.0947601	2.5901120163365
(224353)	16.5	277.79188	101.04996	29.34242	5.65581	0.0676996	2.6639600163351	(224405)	16.3	291.43892	78.34060	37.20276	3.08665	0.1256759	2.6347237163365
(224354)	16.2	16.58578	351.89211	32.58877	6.22508	0.1292260	2.6260150163351	(224406)	16.2	315.85956	246.94338	188.87529	11.08258	0.1477499	2.6684568163365
(224355)	17.1	349.58473	53.88794	12.57979	2.35090	0.1993970	2.5965179163351	(224407)	16.8	62.98826	140.32534	191.90240	4.18101	0.2055473	2.5429279163366
(224356)	16.2	352.26803	333.83003	41.47384	14.93093	0.1754226	2.7775360163351	(224408)	16.2	75.23509	117.42626	197.09344	9.11928	0.1314633	2.5865880163366
(224357)	16.9	324.06166	52.38874	44.21719	14.02338	0.1717446	2.6141916163352	(224409)	15.6	57.77208	295.28649	34.93268	4.20334	0.2133990	2.6175723163366
(224358)	16.7	60.06252	301.49030	16.65255	4.17099	0.2568492	2.5664140163352	(224410)	15.6	118.37825	29.26537	229.04773	9.73360	0.1644568	2.6425106163367
(224359)	17.0	73.21062	13.47467	275.55775	1.20771	0.1798323	2.6753377163352	(224411)	16.6	31.78452	249.97963	111.79064	2.66547	0.1352471	2.6514131163367
(224360)	17.2	75.07502	81.14464	221.74469	5.44811	0.0851559	2.6628952163352	(224412)	16.6	38.19549	191.17969	163.79965	2.16589	0.1036201	2.6666300163367
(224361)	16.7	208.61398	189.45809	37.01746	2.88478	0.1528752	2.4683008163353	(224413)	15.9	159.82911	160.61246	80.57768	5.67810	0.0371801	2.6879695163367
(224362)	16.7	330.48869	205.30723	251.58528	3.11908	0.1625769	2.5724485163353	(224414)	15.2	348.36316	298.65858	120.72048	11.67746	0.0578937	3.0297920163368
(224363)	17.8	336.02355	94.77119	350.59096	3.64447	0.1990380	2.4467400163353	(224415)	15.4	341.69551	82.94364	333.84664	21.70938	0.0656726	2.5797562163368
(224364)	17.2	290.99041	103.96851	354.18742	1.82191	0.0517501	2.5905756163354	(224416)	16.3	133.24775	184.93439	77.16501	5.83161	0.0602102	2.6994845163368
(224365)	15.6	311.78877	242.62997	200.35439	15.09865	0.0058987	2.6519671163354	(224417)	16.9	155.75997	55.11160	222.82872	4.75568	0.0764732	2.3709308163368
(224366)	16.8	107.69973	330.67421	306.33474	1.36302	0.1792979	2.6377045163354	(224418)	17.4	301.88118	98.35450	11.22654	1.09396	0.0613329	2.6360458163369
(224367)	16.6	355.95505	152.18814	239.15857	2.13232	0.0799156	2.6912210163354	(224419)	16.9	113.94279	237.61440	25.81357	6.41544	0.1256054	2.5379110163369
(224368)	16.7	77.43136	74.93710	233.43097	2.83413	0.0844333	2.6825154163355	(224420)	16.8	265.52003	298.00310	184.51365	9.20767	0.0976154	2.7894442163369
(224369)	16.7	115.42841	74.49979	226.18324	2.25615	0.1654533	2.4792660163355	(224421)	15.5	69.05275	226.73210	107.96870	12.24627	0.0689720	2.6021294163369
(224370)	16.1	60.95614	304.33530	58.16038	7.14986	0.1328365	2.4295559163355	(224422)	15.7	1.03886	330.70710	79.20868	12.77815	0.0783613	2.6121724163370
(224371)	16.2	124.13733	354.54079	262.36381	2.62777	0.2190156	2.5941811163355	(224423)	16.2	179.29241	2.32445	202.39958	5.79264	0.0032763	2.7522145163370
(224372)	17.6	314.39754	245.02510	240.54482	0.67518	0.1314745	2.4663414163356	(224424)	16.3	204.53122	45.21643	153.66104	4.43320	0.1704283	2.6961420163370
(224373)	17.0	55.02573	296.84899	29.30451	3.62914	0.2087244	2.6009601163356	(224425)	16.6	343.19831	285.40857	147.72166	2.77925	0.0893990	2.6058885163371
(224374)	16.5	66.62478	292.02115	27.39489	5.13272	0.2292639	2.5797447163356	(224426)	16.3	284.28846	330.43423	167.18248	4.07480	0.1129288	2.5637045163371
(224375)	15.7	24.56013	146.79368	223.24404	12.80836	0.1097152	2.6494548163356	(224427)	16.9	280.61797	290.49376	191.33089	5.28151	0.0853859	2.6347241163371
(224376)	16.3	262.15071	75.37619	67.14405	5.92484	0.0369612	2.6613406163357	(224428)	16.6	251.66814	69.14781	86.89005	4.05924	0.0896553	2.6132767163371
(224377)	15.8	62.26002	262.04928	55.78774	4.61752	0.1964512	2.6542445163357	(224429)	16.7	60.36455	125.72226	216.55567	0.85160	0.1995765	2.5515342163372
(224378)	16.9	312.28736	35.87829	60.00859	3.17779	0.0546764	2.6528138163357	(224430)	15.7	154.01466	338.19421	279.06771	6.88830	0.0367761	2.5405139163372
(224379)	16.6	47.20944	302.58778	33.31780	4.94286	0.2257349	2.6002158163358	(224431)	16.3	23.37838	182.80267	194.24389	3.35223	0.1406709	2.6230767163372
(224380)	17.4	313.36009	36.51303	77.84896	1.74429	0.0424573	2.5398431163358	(224432)	16.1	290.16095	112.96767	350.69927	14.76004	0.0775386	2.6475516163373
(224381)	16.8	242.59646	105.39690	51.62906	4.07582	0.0895322	2.5854361163358	(224433)	14.5	11.90494	253.36827	122.93941	23.34026	0.1198838	3.1141488163373
(224382)	16.6	128.70784	72.34728	193.75767	2.84802	0.1374620	2.5471924163358	(224434)	15.8	154.63690	138.87423	93.58984	4.69816	0.2065364	2.5967536163373
(224383)	16.2	28.80144	174.16736	193.29647	3.02022	0.0422221	2.6419593163359	(224435)	16.3	128.42947	205.18202	54.18809	2.59964	0.0230276	2.7112006163373
(224384)	15.6	149.52446	8.45180	215.11130	5.63187	0.2487271	2.8707338163359	(224436)	17.1	197.50048	86.61396	104.43566	0.72880	0.0700713	2.7452716163374
(224385)	16.5	32.81024	160.86161	193.59729	2.19939	0.0977676	2.6462761163359	(224437)	16.8	257.85654	114.34139	31.91776	4.90828	0.0302525	2.6847360163374
(224386)	15.8	100.66082	233.27544	53.31561	9.12433	0.0798391	2.6541368163360	(224438)	16.4	329.28769	275.74853	178.93778	8.59744	0.1327527	2.5770062163374
(224387)	16.7	18.23313	304.01034	73.59287	2.74007	0.1384287	2.6130112163360	(224439)	16.3	19.30335	189.86590	182.99052	12.37716	0.1849141	2.6096514163374
(224388)	16.0	283.61901	275.41476	213.82624	7.21652	0.0585154	2.5997596163360	(224440)	17.3	338.92666	288.36276	145.09115	4.94061	0.1272653	2.5303158163375

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(224545)	14.9	22.77142	248.67762	98.18789	23.11612	0.1525200	2.9679272163405	(224597)	15.9	209.08217	246.91595	287.89420	2.96311	0.0706192	3.1257140163419
(224546)	16.4	83.28249	241.51741	67.51986	2.39147	0.1304377	2.6430082163406	(224598)	15.7	77.25745	229.07249	91.95060	3.07150	0.0846204	2.8906883163419
(224547)	15.8	179.72795	255.16968	273.85358	1.57154	0.0179443	3.0904168163406	(224599)	16.4	133.95355	116.26054	137.31860	1.53045	0.0199327	2.9816386163420
(224548)	16.4	43.71813	254.90172	71.84184	9.21989	0.2900155	2.7173522163406	(224600)	16.3	152.91474	188.17418	69.12505	3.07936	0.0109608	2.8734500163420
(224549)	16.2	359.81760	192.32158	195.76009	12.79044	0.1869637	2.6895309163406	(224601)	15.7	57.26327	224.75211	109.86414	10.66409	0.0599719	3.0092258163420
(224550)	16.0	258.69080	109.56688	21.14019	4.59051	0.0190111	2.7770086163407	(224602)	15.7	70.88902	3.47157	294.38997	13.87998	0.2002946	3.1592666163420
(224551)	17.0	15.62799	23.94006	12.54066	4.53944	0.1727678	2.6105379163407	(224603)	16.5	335.55249	303.20346	127.30996	3.01240	0.0426080	2.8609963163421
(224552)	16.2	54.68104	316.57451	11.64214	5.60056	0.1942124	2.6393697163407	(224604)	15.3	76.53332	36.41150	255.47907	3.89696	0.1495816	3.1208252163421
(224553)	16.5	28.43462	32.89663	353.89883	3.33728	0.3176943	2.5521951163408	(224605)	16.9	2.65807	222.55144	172.37862	2.07201	0.0697467	2.8610711163421
(224554)	15.4	13.80717	1.06475	50.42694	12.66440	0.1457323	2.5663937163408	(224606)	15.6	160.36022	343.35802	284.20535	4.34736	0.0297450	2.7720591163421
(224555)	16.2	354.75168	192.27758	207.05072	11.33438	0.0584426	2.7518126163408	(224607)	16.2	36.41270	26.69954	314.56803	1.64371	0.1057429	3.0596704163422
(224556)	16.2	63.09279	9.12390	329.10665	1.43024	0.0926155	2.6445858163409	(224608)	16.3	283.01317	319.39851	148.28460	2.16195	0.0158281	3.0103776163422
(224557)	15.9	336.27043	354.74645	88.14536	11.42759	0.2956947	2.7397038163409	(224609)	15.6	12.09123	261.36180	141.52969	15.69141	0.1490036	2.6388502163422
(224558)	16.0	43.01011	264.43201	76.04863	8.48128	0.2346449	2.7753101163409	(224610)	15.6	121.67320	189.54182	92.13832	4.89152	0.0753501	2.8606987163423
(224559)	16.5	335.99776	43.90959	42.17129	17.72779	0.1503476	2.5986511163409	(224611)	16.8	14.95821	44.34724	336.34427	1.23481	0.0781594	2.8655371163423
(224560)	16.2	57.41376	350.99064	344.42422	6.15235	0.2170601	2.5809518163410	(224612)	16.0	123.15310	230.82956	63.34511	3.17832	0.0424085	2.7849030163423
(224561)	16.1	330.66159	265.06735	198.44771	12.26349	0.1668060	2.5883526163410	(224613)	16.7	318.79461	80.68706	1.04418	1.60661	0.0436433	2.8695643163423
(224562)	16.7	331.80683	34.55736	27.38738	2.02244	0.0718337	2.7499567163410	(224614)	16.2	121.15711	197.78769	48.93003	2.40726	0.0544875	3.1616495163424
(224563)	15.2	78.33149	89.46564	241.93523	14.04271	0.1084830	2.6177456163410	(224615)	16.6	322.84399	61.48897	46.50418	2.60543	0.0359848	2.7335390163424
(224564)	15.9	342.58608	343.14287	93.96696	16.05101	0.0544523	2.6025806163411	(224616)	16.1	7.82666	320.37066	67.03793	2.95933	0.0714930	2.9143269163424
(224565)	15.8	289.49868	155.69259	320.92358	14.51714	0.1782630	2.6343838163411	(224617)	16.5	89.88808	187.52429	108.63454	2.19674	0.0693289	2.9969619163424
(224566)	16.9	314.96766	258.51527	187.68717	9.26986	0.2092195	2.7111374163411	(224618)	16.4	43.93926	330.98775	17.03988	2.03571	0.0835725	2.8570932163424
(224567)	15.0	279.30230	339.75391	120.00768	8.39718	0.0929770	3.1296738163411	(224619)	16.4	136.31794	140.27774	108.43796	2.31491	0.1261747	3.0907398163425
(224568)	16.3	182.10383	81.39662	115.80362	1.10643	0.1626489	2.9811574163412	(224620)	16.5	32.12961	135.97421	208.91642	2.91382	0.1048713	2.7651135163425
(224569)	16.4	100.51475	30.78449	272.60733	1.44501	0.0486941	2.6532991163412	(224621)	16.9	338.97171	260.82029	172.14863	1.95882	0.1831394	2.6452075163425
(224570)	16.5	11.65028	0.64455	6.58867	3.28618	0.1056074	2.7764311163412	(224622)	15.8	333.51122	161.16901	294.47406	7.95715	0.0827126	2.6863935163426
(224571)	15.7	262.47569	126.38639	38.68224	17.03371	0.1353495	2.6243697163412	(224623)	16.7	353.46504	301.35403	112.64048	1.56541	0.0626347	2.7700256163426
(224572)	16.9	338.94249	305.86043	138.34393	0.81733	0.0604024	2.5920467163413	(224624)	15.8	309.39513	347.83964	98.42053	3.58695	0.0700421	2.8711224163426
(224573)	16.6	294.68241	95.01754	349.72597	4.03304	0.0337923	2.7056181163413	(224625)	16.6	342.94114	228.88710	186.18902	1.78326	0.0512743	2.8868279163426
(224574)	16.0	56.89262	258.79670	105.25959	6.89208	0.0734860	2.6646861163413	(224626)	16.3	146.11741	220.73259	59.57346	4.50280	0.0620737	2.7702937163426
(224575)	16.9	359.70417	23.94818	12.75614	3.45648	0.1904601	2.6535948163414	(224627)	15.9	14.42870	18.69238	31.00674	7.40424	0.0953252	2.6736143163427
(224576)	16.3	44.02626	269.53926	53.46700	6.69033	0.2997962	2.6509713163414	(224628)	16.8	37.80465	348.06831	348.64129	1.75754	0.0713451	3.0223915163427
(224577)	16.0	17.23257	293.22599	93.81192	12.50327	0.1958565	2.6949181163414	(224629)	16.0	58.22679	267.43667	45.12169	2.22578	0.0343543	3.1320557163427
(224578)	16.4	8.41687	260.92942	126.32218	16.17085	0.1367187	2.5909739163414	(224630)	16.2	351.76063	343.59658	67.81345	3.07042	0.0595533	2.9005409163427
(224579)	16.1	357.90104	286.73374	146.85681	7.34580	0.1807216	2.5655814163414	(224631)	15.9	5.26366	97.70047	306.52854	10.80427	0.1367799	2.7108757163428
(224580)	16.0	26.36525	277.58977	115.38896	5.29542	0.1425863	2.5763097163415	(224632)	15.3	266.74089	215.98448	255.61355	3.81075	0.1488669	3.0856609163428
(224581)	17.0	7.52044	339.82342	49.87144	2.25669	0.0505764	2.8258386163415	(224633)	16.3	357.99866	281.45668	127.16498	4.29498	0.1938229	2.7355121163428
(224582)	16.0	19.10826	74.03548	309.04952	5.41477	0.0409159	2.7630502163415	(224634)	16.4	93.35771	141.66026	165.25237	3.72797	0.0546893	2.8587821163428
(224583)	16.6	207.74251	182.71929	19.29019	2.04355	0.0126658	2.7120661163415	(224635)	15.2	311.59690	151.45764	295.07971	11.78547	0.0908360	2.8642166163429
(224584)	16.2	350.48318	356.16996	68.29787	5.25185	0.1001997	2.6580352163416	(224636)	16.3	347.64388	249.68231	164.72866	2.46389	0.0696651	2.8845580163429
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 (224856) 17.1 62.18943 256.71060 84.08131 4.37125 0.0605693 2.3346777163488

(224857)	17.0	66.54734	92.45803	204.97441	1.88772	0.2109704	2.3754999163488	(224909)	16.2	186.04426	30.13167	182.01843	8.21068	0.1242052	2.7387912163503
(224858)	17.2	339.46409	39.39578	48.30815	5.10250	0.1931930	2.2842521163488	(224910)	17.3	284.53390	54.97289	77.83006	3.95554	0.1666783	2.4368701163503
(224859)	17.5	10.17390	324.07321	82.37279	3.45468	0.1509669	2.2670912163489	(224911)	17.8	318.06781	121.20092	359.45160	0.37280	0.1548142	2.2906483163503
(224860)	16.7	8.84370	19.72056	322.02815	5.50193	0.1494328	2.6545210163489	(224912)	16.6	213.83337	283.26549	270.38015	2.28486	0.1411830	2.6223422163503
(224861)	16.0	212.13694	142.34041	30.01010	9.78341	0.0881350	2.7859989163489	(224913)	16.0	182.90402	227.98633	342.60595	5.26442	0.0263143	2.6854816163504
(224862)	17.0	287.39845	354.47058	123.75524	2.14679	0.1283167	2.4293668163489	(224914)	16.8	178.84951	75.31270	147.72525	5.49147	0.1141873	2.7097589163504
(224863)	16.0	174.43352	114.93026	110.31884	5.70858	0.0745217	2.6468174163490	(224915)	17.2	300.41284	297.13320	158.63312	4.73402	0.1520931	2.5552875163504
(224864)	16.1	8.48742	215.84700	130.52250	3.77487	0.2430429	2.5189983163490	(224916)	16.5	117.06207	321.44150	327.32633	2.42745	0.0578820	2.6176176163504
(224865)	17.6	15.13992	277.30692	121.00611	4.30893	0.1743390	2.2400303163490	(224917)	15.9	118.20392	169.50746	96.30453	3.29345	0.0472550	2.8408801163505
(224866)	17.0	292.90954	147.89990	323.45497	2.25891	0.1262986	2.3867672163491	(224918)	16.3	247.01792	31.17795	119.73709	4.66536	0.0334800	2.6759357163505
(224867)	17.0	274.97473	7.64654	140.02905	4.39418	0.1778348	2.4059921163491	(224919)	16.9	217.10852	181.77460	22.21318	4.90198	0.0891087	2.5600339163505
(224868)	17.2	334.74525	298.59595	144.11788	5.67190	0.1236661	2.3108349163491	(224920)	17.1	6.74726	278.04258	139.35481	1.70111	0.1765813	2.3700653163505
(224869)	17.1	343.97573	335.08783	96.73997	3.58458	0.1413930	2.2881314163492	(224921)	16.0	63.39525	203.04680	142.67370	3.00499	0.0464380	2.6209577163506
(224870)	16.5	219.10316	95.38670	91.59882	4.69897	0.0722817	2.5452179163492	(224922)	16.4	262.41289	156.79547	340.01404	1.79631	0.0828993	2.6520487163506
(224871)	16.9	34.33452	217.15249	144.27403	6.34170	0.1930556	2.3555740163492	(224923)	15.5	99.86369	97.44544	174.07621	10.31626	0.0185314	3.0373179163506
(224872)	16.6	358.27338	55.71800	334.89919	5.51958	0.1383336	2.4471387163492	(224924)	15.6	131.34525	250.54389	346.62292	8.80480	0.0379074	3.0559077163506
(224873)	17.5	27.86049	243.98650	137.19974	6.12920	0.0775652	2.3339613163493	(224925)	15.9	184.36590	126.91012	75.55994	3.20309	0.0636126	2.9246673163507
(224874)	17.7	308.69023	323.15143	142.54208	2.55103	0.0804479	2.3687412163493	(224926)	17.5	166.48523	20.17436	225.96213	30.22629	0.4395893	1.9461658163507
(224875)	17.0	240.70297	12.79917	164.93987	2.18506	0.1514415	2.4390830163493	(224927)	17.0	342.12734	89.32670	336.50899	2.08434	0.1506910	2.4172135163507
(224876)	17.3	327.17522	344.52635	106.32312	3.38089	0.1566546	2.3662503163494	(224928)	16.9	339.31869	86.51532	350.13407	6.00165	0.1760320	2.3794728163508
(224877)	16.6	351.57495	274.21350	154.28168	6.17135	0.1211561	2.3244913163494	(224929)	17.3	229.25166	176.14288	31.68930	1.68657	0.1342138	2.4279252163508
(224878)	17.3	258.63960	61.94760	92.36735	4.60152	0.1054859	2.4698740163494	(224930)	16.6	302.28427	174.04235	328.33550	6.19320	0.1473624	2.3535935163508
(224879)	14.9	81.38934	160.18574	129.03183	17.41187	0.1040472	3.0234001163494	(224931)	17.6	309.22120	313.52549	160.11846	4.00598	0.1412820	2.3907479163509
(224880)	17.1	332.76695	105.67296	335.91495	4.66513	0.0767831	2.4257847163495	(224932)	15.8	246.59324	144.83342	353.83521	9.48849	0.1346132	2.7395218163509
(224881)	16.7	309.51719	97.04471	22.77902	6.00317	0.0956581	2.3485299163495	(224933)	15.5	275.05873	128.94739	357.34694	10.42947	0.0721297	2.6495345163509
(224882)	16.8	276.82138	148.02385	338.14872	2.10044	0.1619752	2.6138192163495	(224934)	16.2	173.98101	200.13712	23.73389	4.03558	0.1247234	2.7349600163510
(224883)	17.1	18.72228	233.95238	166.26531	3.47752	0.1349816	2.3367486163495	(224935)	15.8	215.09476	345.91369	204.18197	13.31128	0.1847851	2.6885236163510
(224884)	17.5	259.77213	309.10458	217.30363	2.06526	0.1298689	2.4346947163496	(224936)	16.6	45.01599	184.69995	163.25845	6.66740	0.1672159	2.6801095163510
(224885)	17.7	341.26101	285.33209	131.56072	1.90275	0.1652348	2.4525282163496	(224937)	17.7	333.16760	253.33608	192.42948	0.62567	0.1403845	2.4071715163510
(224886)	17.4	311.44824	289.73843	183.39122	2.01015	0.1518439	2.3102708163496	(224938)	16.5	12.79955	29.06467	350.82336	8.79486	0.0928528	2.6835380163511
(224887)	16.9	29.56196	175.95177	199.85604	1.69883	0.2234845	2.3557957163496	(224939)	16.3	46.93222	200.49230	159.33333	12.58687	0.2005657	2.6102768163511
(224888)	17.9	306.08287	148.55448	323.32879	2.82625	0.1660194	2.3532238163497	(224940)	16.2	157.41010	104.32857	130.18686	2.41420	0.0181036	2.7804642163511
(224889)	17.6	322.14804	312.08155	133.89078	5.58567	0.2029439	2.3566590163497	(224941)	17.6	358.45828	265.96056	153.31040	1.80161	0.1784710	2.4317658163511
(224890)	17.4	10.79204	259.73008	134.53684	1.75620	0.1885015	2.3642007163497	(224942)	16.7	276.92685	357.54325	155.67675	4.11599	0.2133074	2.5525736163512
(224891)	17.3	338.41531	142.07693	309.09828	2.04380	0.1614530	2.3006393163497	(224943)	16.3	164.01461	220.87249	9.40430	4.41691	0.0567663	2.7311199163512
(224892)	17.3	39.19778	256.20134	110.42409	4.21699	0.1705567	2.2732813163498	(224944)	16.8	333.89062	298.55462	135.69709	3.01497	0.1654962	2.4334960163512
(224893)	17.0	312.24763	56.25107	45.01388	7.62631	0.0614964	2.3689263163498	(224945)	17.2	2.23247	5.09015	32.24836	1.87901	0.1841051	2.4470254163512
(224894)	16.7	356.35763	195.29992	222.97413	3.63014	0.0904010	2.3721214163498	(224946)	15.8	324.47347	273.56258	157.25473	3.29295	0.0431913	2.8641318163512
(224895)	16.3	230.99498	295.22376	263.38686	5.82542	0.0822527	2.3881905163499	(224947)	17.0	95.57055	115.56121	173.15903	1.55587	0.0907570	2.7510312163513
(224896)	15.8	102.41765	151.99531	134.86610	15.35744	0.1209918	2.6412104163499	(224948)	16.1	65.68617	96.68678	213.74545	1.34749	0.1338501	3.0203725163513
(224897)	16.5	15.51353	206.65370	210.80743	2.50312	0.1327159	2.3184090163499	(224949)	16.5	84.76396	187.27451	113.11495	1.58597	0.0497811	2.8082581163513
(224898)	16.5	149.38324	291.09439	316.63606	1.83741	0.1425124	2.6639555163499	(224950)	16.6	244.10091	336.61500	189.42809	13.66560	0.1082725	2.5754114163513
(224899)	17.3	330.63277	144.50808	308.40923	2.26330	0.1209063	2.3453924163500	(224951)	15.4	234.18392	164.29957	21.38606	12.37957	0.1272934	2.6468819163514
(224900)	17.5	7.94884	228.09667	198.84457	2.73230	0.1315124	2.2603323163500	(224952)	16.9	274.81835	193.83848	314.69053	1.91107	0.0858509	2.4777951163514
(224901)	15.4	199.68543	240.73666	320.46697	7.50169	0.2273310	2.7238301163500	(224953)	16.5	67.59752	121.98680	202.37315	1.39490	0.0908184	2.6998513163514
(224902)	16.4	230.56773	322.42123	215.62474	3.69187	0.2188479	2.6537096163501	(224954)	15.3	15.96633	176.30167	177.73472	14.35825	0.0725339	3.1208522163515
(224903)	16.9	349.66758	218.76053	211.61774	2.55341	0.1774279	2.3581734163501	(224955)	15.4	151.64725	24.63634	183.17334	7.04477	0.1032187	3.1161756163515
(224904)	15.5	148.11712	203.00990	1.84390	8.44484	0.1796471	3.1418782163501	(224956)	16.0	58.44057	349.78316	352.38909	4.31396	0.1053259	2.6599387163515
(224905)	16.2	140.29512	46.80245	184.21516	4.86194	0.0423632	2.8903457163501	(224957)	16.7	214.72351	242.75301	312.66169	2.69511	0.0809288	2.6147062163515
(224906)	14.6	120.33479	225.51593	30.62113	24.45119	0.2967898	3.1502339163502	(224958)	15.9	177.35269	194.41317	356.57311	10.64571	0.0847231	3.0295999163516
(224907)	17.1	341.95170	83.39772	340.55928	6.42101	0.1513119	2.4244378163502	(224959)	17.6	12.27876	20.48710	39.03262	2.04400	0.1667952	2.3459915163516
(224908)	16.6	26.61902	38.94530	324.14746	3.50050	0.2765424	2.3852965163502	(224960)	15.6	157.23962	69.82088	151.85868	6.02192	0.1241094	3.0939333163516

(224961)	16.3	34.72768	305.93512	67.31099	3.85242	0.0088195	2.7435689163516	(225013)	16.4	47.67564	55.95046	267.75257	2.19683	0.1077201	3.0034250163530
(224962)	16.8	344.60389	279.68029	155.06650	9.45436	0.0611140	2.4658487163517	(225014)	16.1	31.13566	173.08217	192.40955	5.89875	0.0568621	2.7061832163530
(224963)	16.5	171.03849	173.28809	48.51014	2.07803	0.1659842	2.7700071163517	(225015)	14.9	100.25864	283.13964	14.73257	11.98805	0.0865268	3.0266432163530
(224964)	16.2	191.57520	183.56602	55.02532	8.57918	0.0867441	2.6181934163517	(225016)	16.1	71.16138	116.34312	191.92358	2.60752	0.0159878	3.0107251163530
(224965)	15.2	101.72022	283.18893	6.35476	16.65000	0.1593255	3.0705551163517	(225017)	17.0	294.33425	294.20818	174.88196	2.89800	0.1396850	2.7390681163531
(224966)	15.5	116.77754	85.78597	175.79808	9.79246	0.0769892	3.1123505163518	(225018)	16.7	340.18281	49.95783	23.35900	5.43932	0.2059131	2.3918608163531
(224967)	16.5	309.56450	260.43511	219.07603	6.01419	0.2308430	2.3958913163518	(225019)	16.0	145.38944	42.36204	195.07879	6.75760	0.1591039	3.1284679163531
(224968)	15.1	73.88764	148.21728	183.96900	11.09745	0.1046596	2.9615560163518	(225020)	16.4	90.16934	346.24218	320.74236	1.16084	0.1401227	2.9164499163531
(224969)	15.3	116.78030	240.76599	25.50550	10.00595	0.0311455	3.1108536163519	(225021)	15.6	106.15416	299.91884	357.81499	5.02950	0.0479775	2.7114566163531
(224970)	15.6	146.67249	55.86678	192.98604	5.53733	0.0793535	2.8146963163519	(225022)	16.6	268.67957	266.28932	226.86378	1.37627	0.1474126	2.6428372163532
(224971)	15.4	171.17646	16.50355	199.35216	10.03742	0.1386763	3.1172171163519	(225023)	15.0	113.31186	71.83341	195.30915	26.06148	0.1035057	3.1298218163532
(224972)	14.9	201.78953	166.87338	20.69489	13.54856	0.0975278	3.0286761163519	(225024)	16.1	292.29082	144.90932	329.85479	6.91142	0.0826286	2.5934126163532
(224973)	15.1	166.25826	197.68437	27.65082	11.43742	0.0411831	3.0635899163520	(225025)	17.3	358.33868	343.79886	42.18227	0.65574	0.0768164	2.7544007163532
(224974)	15.9	111.45865	252.58038	48.74790	2.29540	0.0595657	2.9046253163520	(225026)	16.1	247.89047	144.91451	31.82418	19.17739	0.1952333	2.6340662163533
(224975)	16.4	30.44574	220.16524	139.49367	5.74600	0.0316449	2.7744571163520	(225027)	17.1	308.57993	309.60071	163.56520	6.29047	0.1238401	2.4112062163533
(224976)	15.9	181.22575	172.47308	44.96918	5.08594	0.0109004	2.7806439163520	(225028)	15.2	61.48592	297.88046	23.54236	9.84610	0.1037255	3.0967536163533
(224977)	15.6	111.71628	240.35959	21.61531	5.39721	0.1481216	3.1811937163521	(225029)	15.9	76.37060	128.64812	155.18999	1.33677	0.1184741	3.1739052163534
(224978)	16.3	318.03411	359.61275	63.99721	3.70919	0.0381830	2.9277816163521	(225030)	16.9	296.67252	64.93190	31.41959	2.40095	0.0257631	2.8562103163534
(224979)	16.2	68.62222	315.41112	33.40507	6.87208	0.0728339	2.6800445163521	(225031)	16.4	60.89080	352.20465	347.97982	5.34375	0.0446322	2.6809073163534
(224980)	16.2	321.33752	102.85228	323.74816	1.51301	0.0225668	2.8946179163521	(225032)	16.7	160.25719	222.99211	39.29170	2.59578	0.0336926	2.6316241163534
(224981)	16.4	191.62010	234.65343	0.48146	1.18396	0.0570675	2.6487332163522	(225033)	15.6	95.38950	180.28022	128.48183	10.29384	0.1530269	2.7936301163535
(224982)	17.3	330.59179	221.70972	217.47391	1.76498	0.1448113	2.4020178163522	(225034)	14.9	123.46776	202.13458	61.56744	13.25195	0.0683937	3.0264106163535
(224983)	17.2	8.74902	141.64985	256.10526	1.45053	0.1979395	2.3820119163522	(225035)	17.1	305.67375	269.68701	186.61219	11.24786	0.1739721	2.6201151163535
(224984)	15.3	197.53546	354.26883	182.88531	28.12452	0.1094641	3.1248807163522	(225036)	18.0	324.65995	103.84842	2.11367	4.02791	0.1773863	2.4287731163535
(224985)	16.1	54.26631	192.59366	155.47721	3.16088	0.0869989	2.6952245163523	(225037)	16.0	41.94191	56.75065	277.69610	0.21287	0.1754025	3.1051085163535
(224986)	17.7	342.65518	290.06549	150.24592	1.42647	0.1593424	2.4243134163523	(225038)	18.0	3.78712	226.89773	211.50392	1.20883	0.1561057	2.3379217163536
(224987)	16.0	126.85049	44.59483	218.85127	2.28389	0.0750521	3.0858861163523	(225039)	16.0	39.95209	295.56880	88.67667	5.97937	0.0811712	2.7563228163536
(224988)	17.8	345.76233	58.29833	28.36264	1.77952	0.1485638	2.3886077163523	(225040)	16.1	146.88319	323.93011	287.99082	1.62623	0.1858843	3.0752103163536
(224989)	16.2	291.13439	72.82047	36.75904	8.68809	0.0606986	2.7670678163523	(225041)	15.2	64.45940	301.85477	13.60265	9.69281	0.0527273	3.1010366163536
(224990)	15.2	5.38827	208.37243	169.65800	10.29501	0.0992647	3.0676468163524	(225042)	14.9	188.33677	217.81469	352.14074	9.93518	0.2134494	2.9712839163537
(224991)	16.8	294.74003	100.03245	27.22822	8.44019	0.1623965	2.5558613163524	(225043)	15.4	118.40245	235.51306	27.89092	16.67494	0.1863786	3.1363676163537
(224992)	16.0	267.31056	301.77743	200.76539	13.34948	0.0728495	2.7500372163524	(225044)	16.4	294.60086	87.80901	27.73178	7.25149	0.0852718	2.7448327163537
(224993)	16.0	86.89839	111.14569	175.85522	1.42825	0.0629612	2.9768724163524	(225045)	16.0	16.93649	33.10508	343.05092	1.91725	0.0282231	3.1237885163537
(224994)	17.3	320.22325	115.12509	349.43320	0.48166	0.1362083	2.4301786163525	(225046)	16.2	203.95377	164.94624	27.66275	9.58465	0.0817973	3.0479491163538
(224995)	15.7	74.86206	137.69307	162.16191	1.47772	0.1626204	3.1519201163525	(225047)	15.5	84.88661	313.24709	18.47858	2.67899	0.0837497	2.9828242163538
(224996)	16.5	172.75945	49.16828	172.74996	2.03643	0.0167186	2.8031870163525	(225048)	15.3	108.21608	63.91934	220.44451	8.82233	0.0422641	3.2258678163538
(224997)	16.9	201.00286	5.76525	201.78568	3.25955	0.1459081	2.5974573163525	(225049)	15.0	138.75233	36.01469	231.00992	9.21679	0.1957958	3.1206769163538
(224998)	16.5	52.53192	121.63394	195.19232	0.51266	0.0879076	3.0949224163526	(225050)	15.6	147.13049	35.26877	211.92314	7.91976	0.0707677	3.1743758163539
(224999)	17.0	333.12837	180.44928	257.20724	2.23149	0.1537647	2.3884970163526	(225051)	14.7	1.16937	177.90516	216.40704	17.17317	0.1967176	3.1186435163539
(225000)	15.3	92.84839	90.40925	193.30148	15.81586	0.0825332	3.1228737163526	(225052)	15.9	4.14687	217.84841	184.43109	5.05122	0.0456878	3.0639166163539
(225001)	16.9	357.59949	59.36202	13.51673	12.22604	0.1705407	2.3891250163526	(225053)	16.3	138.99262	250.19174	8.81066	4.49751	0.0119559	2.7715552163539
(225002)	15.2	346.46035	72.75375	358.47695	21.66351	0.0833784	2.6096652163527	(225054)	16.5	283.18268	96.85942	42.99194	10.00083	0.1511088	2.5781672163540
(225003)	15.6	209.08456	2.77693	214.38159	4.15509	0.1975396	2.6843796163527	(225055)	16.2	159.55759	52.41042	184.86841	12.44159	0.1693709	3.0704549163540
(225004)	16.2	155.04409	60.11284	207.76460	3.04487	0.1489586	2.6827739163527	(225056)	15.1	275.60188	316.24978	165.21743	10.70200	0.0466922	3.0221751163540
(225005)	15.4	157.72054	225.50064	339.21032	4.79555	0.1079897	3.1592971163528	(225057)	16.5	4.47117	40.05204	2.68038	1.73305	0.0659807	2.8677777163540
(225006)	16.8	243.10810	139.35399	32.26780	5.22162	0.0956671	2.7044300163528	(225058)	15.7	49.54988	304.90845	42.59003	5.74130	0.0528195	3.0994463163541
(225007)	17.2	274.25105	302.69818	222.68062	1.72776	0.1398982	2.4527468163528	(225059)	15.1	189.08304	22.61942	181.75046	22.56718	0.0313225	3.1218282163541
(225008)	15.8	199.12000	176.18951	46.04744	9.78493	0.0678908	2.6898084163528	(225060)	15.1	47.63313	244.83228	81.60487	7.12143	0.1059172	3.4355041163541
(225009)	15.6	23.24666	177.54952	189.23017	10.59418	0.0624915	3.0444545163529	(225061)	16.0	106.41657	124.64348	168.73339	2.08163	0.1062147	3.0843883163541
(225010)	15.7	145.91233	38.04655	206.12374	13.43457	0.1098811	3.1266587163529	(225062)	16.0	277.06984	111.87968	57.54865	4.55245	0.0594368	2.5809592163541
(225011)	15.4	157.60771	16.30687	214.53135	8.89036	0.0520407	3.1110669163529	(225063)	15.4	91.96475	266.74491	56.62749	11.60557	0.0812522	3.0363050163542
(225012)	16.1	229.55406	334.12062	198.69651	17.18452	0.2249659	2.6766016163529	(225064)	15.4	103.71931	93.23453	221.33848	14.31532	0.0783937	3.0586684163542

(225065)	16.5	158.46360	8.88998	234.33187	6.48109	0.0409330	3.0258693163542	(225117)	16.4	58.81813	19.97724	299.98295	5.97123	0.1271370	2.3636281163555
(225066)	16.0	186.83154	182.01052	63.48939	10.34017	0.1275528	2.6821323163542	(225118)	17.2	142.11282	189.49824	54.90915	6.37586	0.1690427	2.3228824163556
(225067)	15.2	352.74535	215.98564	184.46397	4.93413	0.1232717	3.1589527163543	(225119)	17.4	122.60309	114.35794	149.65455	2.99040	0.2054189	2.3548675163556
(225068)	16.4	121.04252	240.16337	49.30998	2.69240	0.0700443	2.9342523163543	(225120)	16.6	109.79215	102.33787	174.38651	6.63491	0.1351460	2.3258381163556
(225069)	15.6	44.15163	188.94108	149.71803	2.39754	0.2204373	3.1734748163543	(225121)	16.9	43.30979	4.44051	352.50546	18.74108	0.0926223	1.9679016163556
(225070)	15.6	5.67379	171.73198	212.06777	10.42488	0.1368427	3.1145827163543	(225122)	17.6	177.85371	47.70532	171.48921	3.71854	0.0861393	2.1966184163557
(225071)	15.6	175.00922	191.37647	45.73293	17.34106	0.1803133	3.0933728163544	(225123)	17.2	125.46566	249.79789	20.32622	7.15493	0.1119651	2.1866120163557
(225072)	15.7	231.31309	321.17452	191.61246	5.15132	0.1550166	3.1705079163544	(225124)	17.2	84.43105	231.90352	63.55167	3.47534	0.1778419	2.3940116163557
(225073)	15.9	112.09741	268.81647	44.93514	12.84592	0.0160539	2.6531613163544	(225125)	17.8	129.40361	124.62729	133.90821	3.06266	0.1810633	2.3299446163558
(225074)	16.0	51.65102	344.92945	29.31016	2.28545	0.0329811	2.9039242163544	(225126)	17.7	184.44969	341.41094	216.17374	2.96991	0.1228880	2.2630614163558
(225075)	15.7	174.40867	164.58946	80.54558	3.25369	0.0296153	3.0010110163545	(225127)	17.6	73.05371	64.47722	229.99961	2.19458	0.2057209	2.3569631163558
(225076)	15.1	162.71176	57.66059	175.38631	11.63592	0.0842263	3.0984144163545	(225128)	17.6	149.25792	187.94662	42.52244	6.04983	0.1010564	2.3508320163558
(225077)	15.4	344.99122	337.82125	64.59661	11.10377	0.0879325	3.0845996163545	(225129)	16.7	67.50922	101.08124	196.63009	10.02581	0.1258382	2.5997578163558
(225078)	15.6	226.22096	151.93269	56.69208	10.06570	0.0904597	2.7507749163545	(225130)	17.5	184.85269	73.56626	147.16525	3.89543	0.1143059	2.1634332163559
(225079)	15.5	42.08671	210.92750	163.18423	6.30373	0.0783448	2.8686238163545	(225131)	16.8	76.62414	276.70297	48.32228	3.77866	0.1342915	2.3688796163559
(225080)	15.4	209.62317	290.17072	266.06981	14.15587	0.0579810	3.1278673163546	(225132)	17.2	153.73605	155.18122	80.37038	3.18037	0.1370538	2.3567471163559
(225081)	16.5	15.72679	354.76162	51.09875	1.53274	0.0665659	2.9229338163546	(225133)	16.3	51.11783	133.96420	194.08946	12.74144	0.1861269	2.6365530163559
(225082)	15.9	114.00460	166.10212	115.32810	1.57566	0.1338794	3.1331561163546	(225134)	17.2	110.17372	320.33992	296.52451	1.27906	0.1238038	2.6891089163560
(225083)	15.3	23.04252	175.27741	229.95062	8.16816	0.0907555	2.9729413163546	(225135)	17.5	100.95249	91.59696	196.84576	5.27623	0.1655277	2.3263975163560
(225084)	14.7	355.59555	348.47551	59.26813	17.28839	0.1269485	3.2155724163547	(225136)	16.8	86.52467	140.32363	153.13190	4.52260	0.1864340	2.5869778163560
(225085)	15.9	259.45744	302.91528	208.04484	9.13917	0.0783359	3.0179374163547	(225137)	16.7	132.19079	196.70346	59.44930	6.10308	0.1069325	2.3703892163560
(225086)	15.5	309.43926	247.37948	206.32571	8.87921	0.1378501	3.1387777163547	(225138)	16.0	85.82454	216.61965	71.94010	14.43487	0.1665446	2.4707650163561
(225087)	15.5	185.60312	30.14197	184.63372	4.94940	0.1168457	3.1857390163547	(225139)	16.2	274.14766	283.34702	157.41135	9.64666	0.1021251	2.5584253163561
(225088)	1.9	99.78982	207.42642	336.86982	30.67198	0.4999336	67.3456036163548	(225140)	16.8	52.49059	180.60134	161.39018	8.75848	0.1252809	2.3465103163561
(225089)	12.6	34.90151	98.03101	272.24706	10.51585	0.0324480	5.2155302163548	(225141)	16.9	31.51246	215.24456	142.72422	6.85514	0.1194881	2.4382889163561
(225090)	15.9	182.15930	4.47032	15.34684	6.49846	0.0534835	2.6994601163548	(225142)	17.7	115.50088	145.97333	119.95061	2.32249	0.1577422	2.4307478163562
(225091)	13.3	251.21420	148.94797	5.86514	5.05882	0.0249862	5.2211227163549	(225143)	17.8	325.00810	242.61692	182.86533	7.07428	0.0751474	2.3033738163562
(225092)	17.4	115.44599	158.91252	101.11170	2.90377	0.1908373	2.3243889163549	(225144)	16.8	37.24911	161.29299	189.09361	6.23110	0.2297365	2.4112760163562
(225093)	18.0	109.30606	282.60103	335.41827	7.30102	0.1811977	2.2380731163549	(225145)	16.8	212.58511	190.76201	345.19504	7.64469	0.0593802	2.2685328163562
(225094)	16.9	130.87758	45.86521	174.49505	4.71820	0.1342882	2.4428166163549	(225146)	17.0	163.91435	237.80746	342.16444	1.47983	0.1320794	2.3380664163563
(225095)	17.6	122.89250	82.28189	169.78544	2.83410	0.1756060	2.2942352163550	(225147)	17.2	81.62232	274.27512	46.95358	6.11199	0.2246522	2.2726367163563
(225096)	16.5	31.54366	201.72030	58.49489	9.26423	0.1522174	2.7690059163550	(225148)	16.5	55.77316	288.41367	42.81019	9.05698	0.2297404	2.3875131163563
(225097)	17.4	104.57285	276.21575	357.66445	5.77085	0.1207898	2.2872261163550	(225149)	17.0	96.77664	237.13083	48.63412	7.74441	0.0895088	2.3404663163563
(225098)	17.1	114.14495	280.87068	354.98949	6.61869	0.0913798	2.1776068163550	(225150)	15.4	35.36868	141.82508	165.32395	9.66479	0.0786880	3.1652272163564
(225099)	17.5	100.71308	252.18395	28.54000	2.86198	0.1947069	2.2711332163551	(225151)	15.1	71.35532	218.90531	72.53798	10.66609	0.2354596	3.0547859163564
(225100)	17.4	82.24153	301.54026	355.10136	3.97716	0.0721807	2.2889918163551	(225152)	16.8	62.30117	311.85653	32.17658	3.56560	0.2183348	2.1867385163564
(225101)	16.3	91.94864	92.33103	194.19599	6.39551	0.1211320	2.3439291163551	(225153)	16.3	70.48200	115.18640	195.13365	13.60443	0.1239172	2.6433667163564
(225102)	17.8	172.16420	209.54779	353.72552	3.47911	0.1056282	2.2798334163551	(225154)	17.2	88.81287	261.29850	26.01264	5.01757	0.1763608	2.5501267163565
(225103)	16.8	94.77512	94.10035	185.65899	8.56186	0.1985686	2.5452087163552	(225155)	17.8	146.62602	220.81578	27.97783	5.66416	0.1336063	2.3060977163565
(225104)	15.7	74.93967	299.67552	343.92746	14.22949	0.1719614	2.5901742163552	(225156)	17.5	119.09731	224.77399	65.08390	3.77802	0.1616915	2.2882698163565
(225105)	17.6	150.44073	357.78245	236.37339	4.40089	0.1032470	2.2587529163552	(225157)	16.4	91.37458	96.92691	187.66402	12.49433	0.1810655	2.7683488163565
(225106)	16.4	80.78663	252.96011	18.95848	7.22544	0.2821396	2.8864832163552	(225158)	17.4	60.32225	181.16873	156.43763	7.53969	0.1293742	2.3901063163566
(225107)	17.2	125.01522	75.44902	180.98695	6.20895	0.1407750	2.3672657163553	(225159)	16.7	114.82200	172.20932	109.28510	4.14686	0.1692750	2.3539829163566
(225108)	17.3	92.23996	218.77821	87.23997	3.09357	0.1509509	2.1471591163553	(225160)	16.4	38.51780	184.30502	167.58974	6.74035	0.1441338	2.3773914163566
(225109)	17.3	119.70044	250.58513	0.26232	5.51835	0.1377722	2.2976912163553	(225161)	17.6	190.37329	251.17568	304.88142	1.64933	0.1498704	2.2884532163567
(225110)	16.6	66.62736	155.83604	163.79206	12.14354	0.1987464	2.3093016163554	(225162)	16.8	153.64468	42.85631	197.70070	7.48842	0.0875328	2.2866526163567
(225111)	17.6	69.97877	334.31796	3.08008	19.61237	0.0939292	1.9502282163554	(225163)	16.8	79.55275	258.98407	41.29702	14.99477	0.1344233	2.5662162163567
(225112)	17.8	128.69301	262.22001	3.12486	6.33155	0.1826277	2.1717317163554	(225164)	16.2	58.17958	104.63438	210.93200	11.39595	0.2384585	2.6360247163567
(225113)	17.0	15.71324	217.97113	185.06092	22.22485	0.1100222	1.8800932163554	(225165)	17.1	56.37146	240.20790	110.68128	4.14406	0.1991382	2.1727684163568
(225114)	16.9	98.05494	268.03309	17.26219	2.61974	0.1642545	2.3523337163555	(225166)	17.2	165.13031	141.39793	86.58009	2.41551	0.1421602	2.3530273163568
(225115)	16.9	77.24523	274.33944	27.57704	6.56028	0.1200404	2.3737705163555	(225167)	17.2	57.33728	164.92535	175.36060	6.59738	0.1406335	2.2979575163568
(225116)	17.6	128.95931	248.67496	355.09168	2.71929	0.1511115	2.4080501163555	(225168)	17.9	171.91688	36.00445	189.13551	6.93608	0.0631150	2.2940949163568

(225169)	18.1	209.18734	346.69676	205.79786	3.94421	0.0833093	2.2385031163569	(225221)	13.8	36.34099	90.59062	258.76679	1.63193	0.1028455	5.0557931163581
(225170)	17.1	47.58854	146.85913	213.34541	7.40451	0.0797668	2.2069737163569	(225222)	13.3	28.17672	104.27884	282.07854	6.17814	0.0796190	5.1464939163581
(225171)	16.8	82.30703	174.88334	140.05011	7.70302	0.1014716	2.4194045163569	(225223)	13.9	333.59181	235.38231	195.15743	1.37601	0.1535533	5.1822396163582
(225172)	17.4	331.40629	259.05051	212.64134	20.23211	0.0959360	1.9394426163569	(225224)	12.7	308.33891	48.02767	44.86427	6.56330	0.0671602	5.2560362163582
(225173)	17.3	162.80739	355.23030	239.97087	1.99837	0.1807042	2.3246273163569	(225225)	15.1	22.93427	117.06515	289.50690	14.74663	0.0480187	3.2004693163582
(225174)	17.8	120.66285	52.11509	214.33340	1.94014	0.1605016	2.3863211163570	(225226)	13.9	310.30502	278.31747	182.21428	3.79694	0.0679187	5.2111178163582
(225175)	16.1	62.44568	138.34858	187.39042	13.62903	0.1914369	2.6458374163570	(225227)	12.9	0.27178	188.68823	231.51696	6.50410	0.0808461	5.1902738163583
(225176)	16.4	15.23809	152.39182	207.77482	5.26459	0.2361034	2.4571442163570	(225228)	12.9	354.67788	227.62319	192.80961	5.50352	0.0724172	5.3060973163583
(225177)	17.7	183.18983	107.80053	108.23552	3.38168	0.1386105	2.2475891163571	(225229)	13.5	271.35722	85.95351	57.17300	5.33755	0.0157385	5.0899148163583
(225178)	16.2	81.96876	104.63302	194.42191	11.53873	0.1760138	2.7583354163571	(225230)	12.9	30.87200	137.79256	253.29612	8.73196	0.1573602	5.2177816163583
(225179)	16.1	74.63560	177.75141	132.03251	8.62134	0.1857598	2.6222194163571	(225231)	17.3	69.69847	115.15156	113.90124	6.45967	0.0430360	2.1969849163584
(225180)	16.9	141.06218	234.23808	29.03143	7.49179	0.1194616	2.2724526163571	(225232)	17.2	75.94347	125.64720	117.01187	5.00060	0.2478054	2.5657955163584
(225181)	16.9	76.26410	287.67656	10.17866	5.77671	0.1287309	2.3944319163572	(225233)	15.9	36.88571	174.72104	124.02674	14.66581	0.1669866	2.8740184163584
(225182)	16.9	172.25583	142.24247	84.48012	6.50807	0.1135891	2.3205637163572	(225234)	16.7	59.21682	317.18005	346.97289	6.72255	0.2159541	2.2196199163584
(225183)	17.0	39.80729	138.10445	203.39257	7.46092	0.1652393	2.7599403163572	(225235)	17.4	67.42463	177.57080	120.97814	2.95418	0.1782588	2.2106191163585
(225184)	17.2	174.08972	43.93526	183.69973	4.12136	0.1018365	2.3219347163572	(225236)	15.8	31.82594	183.19106	160.13008	17.71690	0.2238285	2.6226784163585
(225185)	14.6	51.66786	226.83191	89.19180	18.65679	0.2076394	3.1029812163572	(225237)	16.5	33.67218	169.81433	174.67069	6.47834	0.2832729	2.6422293163585
(225186)	16.7	23.38151	299.13980	81.20325	3.28872	0.1964577	2.3742440163573	(225238)	17.3	70.24313	141.03770	135.06134	0.99233	0.2049700	2.3938390163586
(225187)	15.1	52.26579	228.32355	79.98952	18.03578	0.2141509	3.0607536163573	(225239)	16.3	340.88015	216.40813	177.12842	5.98253	0.0397083	2.7743185163586
(225188)	15.7	53.00311	164.06623	148.48944	10.90625	0.2170347	3.1098553163573	(225240)	15.4	20.69340	256.76728	112.58091	11.95754	0.1622986	3.0499770163586
(225189)	16.3	10.03572	204.21584	164.58559	5.88207	0.0540598	2.6703791163573	(225241)	16.5	42.93142	126.61224	206.86889	4.08552	0.0788775	2.7751800163586
(225190)	17.4	221.78145	19.27119	148.88558	4.16078	0.0631497	2.2578003163574	(225242)	16.4	41.11229	117.69338	204.70882	2.14429	0.2331019	3.0360184163587
(225191)	16.7	44.88031	122.29115	210.84343	5.49355	0.1589935	2.4078661163574	(225243)	14.9	281.56931	111.76205	341.93507	8.69478	0.0423913	3.1665414163587
(225192)	15.4	96.92653	239.48020	48.50617	10.61904	0.1633852	2.7142480163574	(225244)	16.6	9.69821	272.92581	110.49231	2.93527	0.1911656	2.3926787163587
(225193)	18.0	51.93666	167.06132	188.71079	2.54487	0.1409573	2.4040225163574	(225245)	16.6	66.85356	127.22022	174.74873	12.17057	0.1836766	2.5652665163588
(225194)	16.3	81.17410	185.08686	120.36410	11.18376	0.0977079	2.6270594163575	(225246)	16.7	41.69786	134.97641	172.28066	13.42319	0.2732618	2.6188076163588
(225195)	16.7	104.31008	119.41527	161.85611	5.44630	0.0826298	2.6629438163575	(225247)	16.5	44.82242	165.20003	161.68815	6.53075	0.1448631	2.4581723163588
(225196)	15.9	60.91538	226.68063	85.68786	6.69960	0.0756390	2.6866626163575	(225248)	14.7	8.78512	287.61095	91.69654	12.80001	0.0998779	3.1591946163588
(225197)	16.6	191.22975	154.88446	61.32210	8.53541	0.1142566	2.2637684163575	(225249)	17.9	41.69888	176.83995	148.52220	1.27772	0.1387838	2.3828547163589
(225198)	16.2	348.36208	222.72126	182.26780	14.50473	0.0997134	2.4074010163576	(225250)	17.1	30.07663	225.97769	144.92792	4.97568	0.2432904	2.3302724163589
(225199)	17.5	5.48954	279.95164	133.09904	5.40967	0.0862894	2.2049184163576	(225251)	16.1	30.53573	158.69386	181.26703	11.59798	0.2052978	3.0108302163589
(225200)	16.5	25.51862	204.88926	155.03864	9.94319	0.1644484	2.7588826163576	(225252)	17.3	54.69752	290.60054	26.46567	6.27141	0.2530671	2.2528585163590
(225201)	16.7	333.10717	332.32660	96.58740	4.78382	0.0454392	2.3018224163576	(225253)	15.0	343.53364	207.65977	196.87907	28.52905	0.2009140	3.2047429163590
(225202)	16.0	34.20711	149.54466	164.95083	5.02595	0.1194035	3.1224977163576	(225254)	16.3	316.46507	238.41412	205.25351	11.90415	0.1394675	2.4802776163590
(225203)	16.0	51.86861	109.16916	214.16742	19.74828	0.1958285	2.9910080163577	(225255)	17.1	39.49812	206.78872	137.32955	3.08309	0.2343693	2.3589362163590
(225204)	15.0	29.05853	130.69926	209.60116	17.48394	0.1734445	3.1711584163577	(225256)	17.3	14.07075	31.64059	357.15100	5.61400	0.1698955	2.2021841163591
(225205)	15.7	234.68296	258.06103	232.58246	14.06428	0.1005144	2.5627449163577	(225257)	15.2	9.29533	156.88072	218.33986	7.71541	0.0817133	3.1619041163591
(225206)	16.6	58.18223	268.58604	54.01302	12.27169	0.2074806	2.6623299163577	(225258)	16.6	9.47818	290.30448	98.97595	1.49879	0.0708326	2.8426723163591
(225207)	15.3	49.21186	258.70120	93.92993	15.35148	0.2106132	2.6346279163578	(225259)	16.2	6.61173	327.65337	63.08491	1.31380	0.1703363	3.0990565163591
(225208)	16.0	92.12905	118.25672	200.97972	8.17210	0.0877170	2.9639427163578	(225260)	15.7	265.62927	307.34924	185.90201	12.03078	0.0565265	3.2245742163591
(225209)	13.3	339.25586	77.67967	326.42003	6.16983	0.0421697	5.1517547163578	(225261)	16.4	316.81805	28.77456	44.84276	2.19949	0.0084186	2.8776332163592
(225210)	12.2	345.66521	137.70673	275.60295	7.91713	0.0382760	5.2157786163578	(225262)	16.7	84.02591	118.53139	171.71759	2.65173	0.2253511	2.3204603163592
(225211)	13.7	230.21514	123.65704	49.26109	4.23058	0.0532408	5.2772131163579	(225263)	16.2	333.36584	98.53754	327.36652	3.69040	0.0485296	2.7844954163592
(225212)	12.8	26.97521	106.37450	262.58190	6.25835	0.1027868	5.1410281163579	(225264)	15.8	9.02041	190.68174	204.42405	9.05769	0.0464086	3.1266436163592
(225213)	12.6	164.01802	307.10135	289.72328	7.42784	0.0117866	5.1612582163579	(225265)	16.4	93.87110	293.42954	0.03281	6.20303	0.1173480	2.3762910163593
(225214)	13.4	5.89121	186.80900	225.83122	6.55166	0.1081373	5.1985335163579	(225266)	17.0	85.87910	76.82973	217.79794	1.52146	0.1884113	2.3355927163593
(225215)	13.2	318.01584	54.99033	26.51232	5.38905	0.0297444	5.3093447163580	(225267)	16.4	42.08682	137.97139	210.33001	1.93541	0.1558861	2.6204150163593
(225216)	12.9	28.89870	318.21091	53.01527	2.08119	0.1198312	5.1810735163580	(225268)	16.2	40.43702	346.17043	9.99970	8.75175	0.0251152	2.7123570163594
(225217)	13.3	314.12994	232.93110	204.89104	5.05111	0.0936242	5.2620713163580	(225269)	17.2	344.41085	208.75563	213.26676	5.16906	0.1957071	2.3837081163594
(225218)	13.9	261.40762	265.38959	220.28877	2.42321	0.0454263	5.1304907163580	(225270)	17.6	67.15103	282.43709	32.96078	2.64869	0.2050741	2.2521843163594
(225219)	13.3	1.05625	178.21905	230.58005	5.76763	0.1103108	5.2446561163581	(225271)	16.6	326.76336	175.40617	268.48447	4.04450	0.0902832	2.7223095163594
(225220)	13.7	266.07961	277.79925	211.71923	6.51480	0.0615614	5.2702635163581	(225272)	16.1	96.78755	233.83878	67.29780	6.80719	0.0742913	2.6609171163595

(225273)	17.1	45.55723	59.97643	297.44187	1.57916	0.2179226	2.4171691163595
(225274)	15.3	4.05916	26.69818	25.26178	5.65130	0.1618199	3.0853528163595
(225275)	16.5	35.17967	188.35925	178.59203	17.70007	0.1940808	2.6991946163596
(225276)	13.4	347.95419	70.53466	341.68229	6.10949	0.1574552	5.1952991163596

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

2002 GH ₁₅₂	= 2005 UO ₃₃	<i>MPO</i> 112246
2006 BL ₃₉	= 2009 QN ₁₁	<i>MPO</i> 160450
2006 KL ₆₃	= 2006 JR ₇₉	<i>MPO</i> 104420

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

1991 TB₁₆ = 2009 TA₁₄
 1993 RS₇ = 2004 XM₁₇₉ = 2009 SX₁₄₃
 1993 TT₇ = 2009 SG₃₃₇
 1993 TO₂₆ = 2009 SJ₂₆₈
 1994 GS₇ = 2009 SO₂₃₄
 1994 PD₅ = 2009 RO₂₈
 1995 UX₅₆ = 2009 TH₂₁
 1996 TA = 2009 SP₃₃₃
 1996 XF₈ = 2009 FJ₇₂
 1997 CT₁₂ = 2009 SM₂₉₄
 1997 SW₁₃ = 2009 UE₃₉
 1998 MH₆ = 2009 LB₇
 1998 QS₉₇ = 2009 RO₆₃
 1998 RC₃ = 2009 SU₄₀
 1998 RM₉ = 2009 SA₃₀₄
 1998 RR₁₁ = 2009 SV₂₃₃
 1998 RC₁₃ = 2009 UW₇₁
 1998 RF₁₃ = 2009 UO₈₂
 1998 RF₁₄ = 2009 UM₉₆
 1998 RW₁₄ = 2009 SA₁₄₃
 1998 RG₈₁ = 2007 EC₁₇₄ = 2009 SJ₃₁₁
 1998 ST₁₂ = 2009 QC₅₂
 1998 SZ₃₂ = 2009 SB₃₁₂
 1998 SD₅₂ = 2009 SE₁₇₂
 1998 SD₉₅ = 2009 TC₁₁
 1998 SW₁₀₁ = 2009 RZ₁₂
 1998 SQ₁₄₉ = 1998 ST₁₇₅ = 2004 VV₉ = 2009 RN₅
 1998 TN = 2009 SO₃₃₁
 1998 TS₈ = 2009 TW₂₁
 1998 TL₁₄ = 2009 SK₁₄₆
 1998 TS₂₅ = 2009 RO₆₇
 1998 UJ₉ = 2009 SP₃₃₁
 1998 US₅₀ = 2009 UC₅₆
 1998 VR₂ = 2009 SL₂₆₄
 1998 VO₄₆ = 2009 SC₃₃₈
 1999 TV₂ = 2009 UH₁₂₁
 1999 TY₇₅ = 2009 UD₂₃

1999 TV₁₅₃ = 2009 TN₁₀
 1999 UE₁₈ = 2009 SH₂₈₁
 1999 UT₃₀ = 2009 SB₂₉
 1999 VR₁₆ = 2009 UD₇₂
 1999 VK₄₁ = 2009 UE₅₃
 1999 VN₁₃₈ = 2009 UO₈₅
 1999 WG₂₄ = 2009 UW₆₄
 2000 BV₃₉ = 2009 RH₄₉
 2000 DK₁₀ = 2009 SA₂₄₁
 2000 DE₃₀ = 2009 AT₄₇
 2000 PT₂₉ = 2009 SV₂₅₈
 2000 QX₁₇ = 2009 SA₂₃₆
 2000 QA₆₂ = 2009 UO₁₂₇
 2000 QO₁₅₇ = 2009 TN₃₂
 2000 QM₁₆₃ = 2009 UC₃₀
 2000 RZ₂₇ = 2009 TO₂
 2000 RY₃₉ = 2009 SA₃₃₄
 2000 RH₇₆ = 2009 SM₉₉
 2000 RF₈₂ = 2009 UQ₃₈
 2000 RU₉₇ = 2009 TP₁₃
 2000 RU₁₀₂ = 2009 TP₃
 2000 SS₂₈ = 2009 TN₁₈
 2000 SE₃₆ = 2009 SG₂₀₃
 2000 SN₅₁ = 2009 TB₂₀
 2000 SN₆₃ = 2009 RF₆
 2000 SX₈₁ = 2009 UN₁₁₂
 2000 SM₉₇ = 2009 UP₇₉
 2000 SH₁₃₀ = 2009 ST₂₅₅
 2000 SE₁₃₅ = 2009 TV₆
 2000 SW₁₃₈ = 2009 SE₂₉₈
 2000 SV₁₉₃ = 2009 SR₂₇₉
 2000 SK₂₀₇ = 2009 RU₅₉
 2000 SW₂₅₁ = 2009 QS₄₀
 2000 SW₂₈₂ = 2009 RP₆₁
 2000 TU₇ = 2009 SZ₁₅₅
 2000 TV₁₄ = 2009 SY₂₅₅
 2000 UE₄₀ = 2009 RE₁
 2000 UC₉₆ = 2009 UK₂
 2000 VD₄₄ = 2000 WL₉
 2000 VR₅₅ = 2009 TV₃₄
 2000 WE₆ = 2009 TC₂₈
 2000 WS₅₁ = 2009 UJ₁₂₃
 2001 CZ₂₈ = 2009 RL
 2001 FV₁₃₁ = 2009 SU₁₉₃
 2001 SK₂₆₄ = 2009 UX₅₃
 2001 TV₁₆ = 2009 UV₁₄
 2001 TH₁₀₃ = 2009 SH₁₁₀
 2001 TY₂₆₀ = 2003 FD₈
 2001 UE₂ = 2009 UH₇₂
 2001 UY₁₅₆ = 2009 UW₁₀₉
 2001 VB₁₃₂ = 2002 AB₂₀₇
 2001 XY₄₄ = 2009 TO₇

2002 AT₁₉₆ = 2009 TJ₁₅
 2002 CP₁₂₄ = 2009 UU₈₅
 2002 CN₂₇₃ = 2009 SX₂₇₅
 2002 CE₂₇₈ = 2009 SB₃₂₇
 2002 CT₂₉₉ = 2009 TW₄
 2002 EV₁₇ = 2008 LP₁ = 2009 OA₂₄
 2002 EH₂₃ = 2009 SY₁₈₆
 2002 EB₂₉ = 2009 BO₁₈₃
 2002 GR₂₉ = 2009 UY₉
 2002 GJ₇₆ = 2009 UJ₆₆
 2002 GN₁₂₀ = 2009 SK₃₂₄
 2002 GU₁₆₂ = 2009 SB₂₈₂
 2002 GU₁₈₄ = 2004 VM₁₂₉ = 2007 FM₁₀ = 2009 SJ₆₁
 2002 JJ₃₇ = 2009 RS₆₁
 2002 JR₈₅ = 2009 SG₄₈
 2002 PX₁₇₇ = 2009 SW₃₁₉
 2002 PL₁₉₀ = 2009 SG₃₀₈
 2002 PP₁₉₀ = 2008 HF₄₁
 2002 QJ₁₉ = 2009 SY₁₆₇ = 2009 UM₅₄
 2002 QV₈₈ = 2009 SJ₃₀₃
 2002 QK₉₂ = 2009 UL₄₆
 2002 QT₉₂ = 2009 TU₂₀
 2002 QW₁₀₄ = 2008 YX₁₆₅
 2002 QF₁₀₅ = 2009 SH₂₆₅
 2002 QZ₁₁₉ = 2009 US₃₁
 2002 QN₁₂₇ = 2009 SL₂₅₉
 2002 QY₁₃₅ = 2007 TE₁₈₆
 2002 RJ₉ = 2009 UQ₂
 2002 RA₃₃ = 2009 SE₂₆₇
 2002 RG₁₁₇ = 2009 UK₃₄
 2002 RQ₁₂₃ = 2009 TC₂₇
 2002 RL₁₆₃ = 2009 UE₁₂₁
 2002 RL₁₇₇ = 2009 SK₁₇₆
 2002 RU₁₉₈ = 2009 SJ₂₇₈
 2002 RJ₂₁₅ = 2009 RO₅₉
 2002 RY₂₄₀ = 2009 RP₆₈
 2002 RA₂₄₆ = 2009 UA₈₂
 2002 RF₂₅₇ = 2009 UW₃₈
 2002 RC₂₆₄ = 1998 MK₁ = 2009 SG₂₅₁
 2002 RA₂₇₉ = 2009 SE₂₇₃
 2002 RN₂₈₀ = 2009 SU₃₂₉
 2002 RH₂₈₁ = 2009 US₄₁
 2002 SK₂₆ = 2009 UB₁₀₅
 2002 SM₂₆ = 2009 TC₃
 2002 SO₃₈ = 2009 TA₂₅
 2002 SP₄₄ = 2009 SA₂₇₅
 2002 SX₆₉ = 2009 RO₁₀
 2002 TC₂₂ = 2009 SQ₂₃₄
 2002 TL₂₄ = 2009 FD₇₃
 2002 TX₃₅ = 2009 QJ₄₅
 2002 TY₅₅ = 2009 ST₂₆₅
 2002 TR₇₃ = 2009 UF₁₀₅

2002 TP₉₁ = 2009 TA₅
 2002 TJ₁₂₀ = 2009 TB₁₃
 2002 TM₁₂₅ = 2009 UJ₃
 2002 TP₁₅₃ = 2009 UT₆₈
 2002 TJ₂₆₅ = 2009 SX₄₈
 2002 TA₃₁₀ = 2009 SC₂₉₇
 2002 TF₃₆₃ = 2009 SS₂₈₂
 2002 TB₃₆₈ = 2009 UP₁₁₂
 2002 TM₃₆₈ = 2009 UH₁₂₄
 2002 UV₁ = 2009 SC₂₆₉
 2002 UD₅ = 2009 TA₆
 2002 UV₁₈ = 2009 QU₁₉
 2002 UT₇₈ = 2006 SO₄₀₅
 2002 VS₄ = 2009 UV₃₀
 2002 VN₅₁ = 2009 SX₂₈₁
 2002 VT₆₀ = 2009 QW₅₂
 2002 VR₉₂ = 2009 TB₆
 2002 VK₁₁₄ = 2002 WU₉ = 2009 TD₂₆
 2002 VM₁₂₆ = 2009 UJ₃₃
 2002 VM₁₄₂ = 2009 UG₉₂
 2002 VN₁₄₇ = 2008 BT₁₇
 2002 VO₁₄₇ = 2008 HA₆₀
 2002 WW₁₀ = 2009 BC₁₈₃
 2002 WY₂₆ = 2009 SF₃₃₉
 2002 WM₂₉ = 2009 UU₂₁
 2002 XT₁₃ = 2009 MT₉
 2002 XW₂₂ = 2009 SH₂₃₃
 2002 XR₂₄ = 2009 RG₁₅
 2002 XR₅₀ = 2009 QS₅₄
 2002 XK₇₈ = 2009 EO₂₉
 2002 XR₉₀ = 2005 NE₁₂ = 2009 TG₁₄
 2002 XL₉₃ = 2002 XQ₁₁₄ = 2009 UB₅
 2003 AR₆₁ = 2009 UT₈₆
 2003 DW₁ = 2009 SM₂₈₂
 2003 EE₃₁ = 2009 SK₃₁₂
 2003 ER₆₃ = 2009 ST₃₁₇
 2003 FL₉₀ = 2009 SP₂₈₇
 2003 FK₁₃₃ = 2009 SP₃₀₁
 2003 GA₂₇ = 2009 RQ₆₆
 2003 GH₄₆ = 2009 UT₉
 2003 GF₅₇ = 2009 SQ₂₆₉
 2003 HR₂₂ = 2008 EE₉₈
 2003 HT₄₉ = 2009 UX₄₄
 2003 HW₅₈ = 2007 RU₆ = 2009 UU₁₃
 2003 OT = 2009 SG₂₄₁
 2003 QZ₁₆ = 2009 SX₅₇
 2003 QB₇₂ = 2009 UK₈
 2003 QH₇₅ = 2009 SF₂₃₅
 2003 RF₆ = 2009 TC₂₂
 2003 RE₂₄ = 2009 TQ₁₀
 2003 SH₂₃ = 2009 SO₂₆₅
 2003 SL₄₂ = 2009 RR₆

2003 SU₅₄ = 2003 SQ₂₂₄ = 2009 UJ₂₇
 2003 SJ₇₈ = 2009 TR₂₂
 2003 SJ₇₉ = 2009 UX₈₈
 2003 SR₈₅ = 2009 UX₇₀
 2003 SU₉₈ = 1998 VX₁₆ = 2009 TO₁₈
 2003 SO₁₁₄ = 2009 SA₃₁
 2003 SU₁₅₀ = 2009 UV₃₈
 2003 SE₁₇₁ = 2009 TM₁₇
 2003 ST₁₈₂ = 2009 TF₃₆
 2003 SP₂₀₀ = 2009 SA₁₅
 2003 SO₂₀₉ = 2009 TW₃₄
 2003 ST₂₁₂ = 2009 SW₃₃₈
 2003 SW₂₁₇ = 2009 ST₁₅₈
 2003 SJ₂₆₀ = 2009 SQ₂₉₃
 2003 ST₂₈₆ = 2009 UY₁₂₀
 2003 SR₂₈₈ = 2003 SX₂₂₂ = 2009 ST₉₆
 2003 SF₃₁₄ = 2009 TC₁₅
 2003 SF₃₃₀ = 2009 SL₂₀₄ = 2009 UR₅₀
 2003 SF₃₄₀ = 2009 UE₁₁₃
 2003 SL₃₇₉ = 2009 SA₁₈₆
 2003 SU₄₁₃ = 2009 UO₄₇
 2003 SC₄₃₂ = 2003 UV₄₁₆
 2003 TO₃ = 2009 UT₁₀₂
 2003 TM₄₅ = 2009 UD₃₁
 2003 UX₄₇ = 2009 TL₃
 2003 UT₉₆ = 2009 UP₇₂
 2003 UO₁₅₇ = 2009 SR₃₂₆
 2003 UT₂₂₀ = 2009 UK₁₀₈
 2003 UT₂₂₁ = 2009 UU₁₀₁
 2003 UL₃₂₇ = 2009 UU₃₂
 2003 US₃₇₄ = 2009 TM₆
 2003 WE₇ = 2008 NC₄ = 2009 QE₃₅
 2003 YB₁₂₁ = 2002 QD₁₃₆
 2003 YM₁₅₁ = 2009 FX₇₂
 2004 AS₅ = 2009 UP₅₃
 2004 CZ₇ = 2009 RT₅₆
 2004 CF₂₁ = 2009 UB₁₀₉
 2004 CA₅₄ = 2009 RM₆₈
 2004 CV₉₉ = 2009 UR₁₁₆
 2004 DU₁₆ = 2009 SD₂₆₅
 2004 EL₁₃ = 2009 TN₁₄
 2004 EM₂₆ = 2009 DB₁₃₈
 2004 FK₅₅ = 2009 SK₂₆₇
 2004 HL₅₅ = 2009 SB₂₃₅
 2004 OW₈ = 2009 SW₂₅₈
 2004 PA₄₇ = 2009 ST₂₆₉
 2004 PR₇₀ = 2009 SC₂₄₉
 2004 PQ₉₁ = 2009 SL₁₂₄
 2004 PU₁₀₄ = 2009 QF₅₄
 2004 QA₄ = 2009 UF₁₂₇
 2004 QJ₄ = 2009 UB₁₁₅
 2004 QS₁₃ = 2009 SG₁₆₄

2004 RM₃₂ = 2009 UX₈₁
 2004 RE₅₇ = 2009 OX₂₃
 2004 RH₈₃ = 2009 SD₂₉₅
 2004 RK₈₄ = 2009 SM₂₃₅
 2004 RM₁₄₆ = 2009 SO₂₃₁
 2004 RS₁₆₂ = 2009 SE₂₅₄
 2004 RN₁₉₈ = 2009 SJ₂₄₁
 2004 RA₂₉₀ = 2009 UC₂₂
 2004 RK₃₀₈ = 2009 TX₆
 2004 RS₃₂₉ = 2009 RJ₆₀
 2004 RF₃₃₆ = 2009 SV₃₀₀
 2004 RN₃₄₅ = 2005 YJ₂₈₇ = 2009 UQ₆₈
 2004 SR₄₁ = 2009 SB₁₀₂
 2004 SW₄₆ = 2009 SV₃₂₉
 2004 TO₁₂ = 2009 SK₂₇₂
 2004 TF₄₅ = 2009 SL₂₇₆
 2004 TU₄₇ = 2009 UP₄₃
 2004 TP₆₃ = 2009 SB₁₀₄
 2004 TB₈₅ = 2009 UD₄₀
 2004 TV₁₀₂ = 2009 SN₂₃₀
 2004 TZ₁₀₄ = 2009 QL₅₃
 2004 TN₁₀₅ = 2009 SG₃₁₁
 2004 TX₁₁₇ = 2009 TJ₂₁
 2004 TR₁₂₄ = 1994 SX₃ = 2007 KP = 2009 SG₁₃₉
 2004 TS₁₆₅ = 2009 UV₂₅
 2004 TW₁₆₇ = 2009 SU₂₆₆
 2004 TE₁₉₈ = 2009 RO₆₆
 2004 TB₂₀₆ = 2009 SG₃₃₃
 2004 TU₂₂₈ = 2009 SU₃₁₃
 2004 TM₂₃₅ = 2009 UP₉₅
 2004 TH₂₃₆ = 2009 SA₃₀₆
 2004 TJ₂₈₃ = 2009 SP₃₃₀
 2004 TD₃₀₅ = 2009 UX₃₇
 2004 VB₁ = 2009 SJ₂₇₉
 2004 VR₁₈ = 2007 FA₉ = 2009 RH₃
 2004 VO₁₉ = 2009 SW₃₃₂
 2004 VE₅₃ = 2009 TJ₃
 2004 VP₆₄ = 2009 SV₂₅₅
 2004 VK₆₇ = 2009 TX₁₀
 2004 VY₆₈ = 2009 TX₅
 2004 XV = 2009 SX₃₃₂
 2004 XF₂ = 2009 SG₃₂₇
 2004 XG₂ = 2009 SD₂₄₁
 2004 XT₂ = 2009 SH₂₇₆
 2004 XZ₇ = 2009 TV₁₇
 2004 XQ₉ = 2009 SW₂₀₀
 2004 XQ₁₆ = 2009 TW₇
 2004 XN₁₇ = 2009 TK₂₁
 2004 XG₂₂ = 2003 SM₃₄₇ = 2009 UT₁₈
 2004 XB₂₅ = 2009 QF₃₆
 2004 XV₂₉ = 2009 RC₂₈
 2004 XZ₃₇ = 2009 TR₂₇

2004 XD₄₂ = 2009 UG₁₆
 2004 XT₄₃ = 2009 SH₁₅₆
 2004 XC₅₆ = 2009 TD₇
 2004 XE₅₆ = 2009 UA₁₄
 2004 XS₅₆ = 2009 SS₂₄₁
 2004 XF₅₉ = 2009 TF₅
 2004 XX₈₀ = 2009 UK₁₆
 2004 XD₉₁ = 2009 SF₁₈
 2004 XO₁₀₀ = 2009 SX₁₆₈
 2004 XY₁₀₁ = 2009 SD₂₄₃
 2004 XO₁₀₄ = 2009 SD₂₃₄
 2004 XN₁₀₉ = 2009 SO₁₆₉
 2004 XT₁₂₄ = 2009 TG₁₈
 2004 XQ₁₃₀ = 2009 SC₃₁₈
 2004 XV₁₆₁ = 2009 PM₁₇
 2004 XT₁₆₆ = 2009 TP₂₇
 2004 YQ₃ = 2009 UL₂₁
 2005 AN₃₁ = 2009 QE₅₄
 2005 AD₃₈ = 2009 UB₃₁
 2005 AY₃₉ = 2009 TG₇
 2005 AS₄₄ = 2009 UG₈₁
 2005 BY₁₆ = 2009 UP₁₆
 2005 BP₄₃ = 2007 MT₁₈
 2005 CK₃₀ = 2009 FQ₇₂
 2005 EV₁₇₄ = 2002 TO₃₈₅
 2005 GG₁₅ = 2005 EP₂₇₂ = 2005 EJ₁₈₃
 2005 GM₂₈ = 2001 SP₃₄₈ = 2009 SU₁₈₉
 2005 GQ₃₈ = 2009 UO₅₃
 2005 GX₉₇ = 2009 RV₃
 2005 GT₁₆₅ = 2005 GL₂₁₁ = 2005 GQ₂₁₁ = 2009 FV₇₁
 2005 JT₃₀ = 2009 FA₇₃
 2005 JN₃₃ = 2009 DH₁₃₉
 2005 JV₄₃ = 2009 UR₇₁
 2005 JV₁₂₀ = 2009 SU₂₇₁
 2005 JA₁₈₂ = 2009 SX₁₇₀
 2005 KG₁₀ = 2009 HE₁₀₅
 2005 LG₃₉ = 2009 QC₅₃
 2005 MD₂₇ = 1994 RV₁₆ = 2009 ST₂₀₈
 2005 NR₄ = 2009 SV₃₉
 2005 NW₁₄ = 2009 UR₁₀
 2005 NA₂₁ = 2009 TL₃₅
 2005 NB₃₃ = 2009 ND₂
 2005 NC₃₃ = 2009 PG₁₇
 2005 NE₄₂ = 2009 SR₂₁₀
 2005 NH₅₅ = 2009 SA₁₂₁
 2005 NF₇₀ = 2009 SK₂₅₈
 2005 NQ₇₄ = 2009 TF₃₅
 2005 OW₃ = 2009 UP₁₀₉
 2005 OX₁₇ = 2009 SK₃₀₄
 2005 OC₂₀ = 2009 SZ₁₈₅
 2005 PR₄ = 2009 TD₂₈
 2005 QB₃₁ = 2009 SM₂₉₁
 2005 QY₄₄ = 2004 FD₁₄₅
 2005 QD₄₆ = 2009 TB₂₂
 2005 QJ₆₅ = 2009 UG₂₄
 2005 QV₁₃₆ = 2009 UT₂₈
 2005 QH₁₃₈ = 2009 US₃₄
 2005 QK₁₅₂ = 2009 TZ₂
 2005 QU₁₅₂ = 2009 TT₂₅
 2005 QB₁₅₃ = 2009 UJ₁₇
 2005 RR₉ = 2009 SM₂₃₉
 2005 SV₃₁ = 2009 SA₂₆₄
 2005 SO₄₄ = 2009 ST₃₁₄
 2005 SO₅₃ = 2009 UH₁₂₇
 2005 SS₆₀ = 2009 SF₃₁₈
 2005 SE₁₁₅ = 2009 UM₄₂
 2005 SM₁₇₃ = 2009 UN₅₄
 2005 SS₁₈₁ = 2009 SW₂₃₁
 2005 SM₂₃₇ = 2009 SB₃₀₅
 2005 ST₂₉₁ = 2009 UN₄₀
 2005 TZ₁₅ = 2009 SZ₃₁₄
 2005 UC₄₀ = 2009 SF₃₀₅
 2005 UK₄₀ = 2009 UG₁₀
 2005 UM₅₅ = 2009 SB₂₃₇
 2005 UH₅₈ = 2009 SO₂₅₉
 2005 UF₇₉ = 2009 SE₂₈₇
 2005 UC₉₃ = 2009 UM₂₂
 2005 UE₉₈ = 2009 SY₂₆₇
 2005 UB₁₀₃ = 2009 UB₁₂₀
 2005 UM₁₀₉ = 2009 UT₈₁
 2005 UR₁₂₁ = 2009 TA₁₉
 2005 UB₁₂₈ = 2009 TF₆
 2005 UH₁₅₈ = 2009 SD₂₇₁
 2005 UY₁₆₇ = 2005 VZ₁₂₁ = 2009 UR₅₄
 2005 UR₁₇₄ = 2009 TG₃₂
 2005 UE₁₈₆ = 2005 WG₁₁
 2005 UP₂₂₁ = 2009 UF₁₇
 2005 UF₂₂₅ = 2009 TO₄
 2005 UQ₂₂₈ = 2005 VS₁₂₁
 2005 UE₂₂₉ = 2009 SY₃₃₄
 2005 UZ₂₃₁ = 2009 UO₁₀₅
 2005 UL₂₃₄ = 2009 SV₂₆₉
 2005 US₂₃₄ = 2009 SH₁₆₉
 2005 UX₂₃₉ = 2009 TE
 2005 UW₂₉₃ = 2009 SJ₂₃₆
 2005 UO₃₆₅ = 2009 UH₆₅
 2005 UY₃₆₇ = 2005 WM₁₀₆
 2005 UM₃₈₇ = 2009 SG₃₃₄
 2005 UN₄₁₅ = 2005 VG₄₇ = 2009 UA₁₅
 2005 UR₄₂₅ = 2005 VS₉₆
 2005 UM₄₂₉ = 2009 UC₇₅
 2005 UR₄₄₀ = 2009 SD₂₅₁
 2005 UU₄₅₂ = 2009 UM₁₂
 2005 UN₄₇₈ = 2009 TU₂₄

2005 UH₅₀₂ = 2009 SW₂₄₁
 2005 VG = 2009 UJ₅₄
 2005 VU = 2009 UD₉₁
 2005 VM₆ = 2009 SE₂₉₀
 2005 VX₂₅ = 2009 UB₂₁
 2005 VY₆₇ = 2009 UJ₇₁
 2005 VD₈₃ = 2009 SF₃₃₇
 2005 VM₈₃ = 2009 UJ₂₅
 2005 VT₉₁ = 2009 UX₁₀₄
 2005 VM₁₀₉ = 2009 UO₆₀
 2005 VC₁₃₆ = 2005 YQ₂₇₇ = 2009 ST₂₉₅
 2005 WC₃ = 2009 SF₁₀₃
 2005 WO₂₆ = 2009 SF₃₃₄
 2005 WV₃₀ = 2009 UL₁₁₃
 2005 WV₃₂ = 2009 TR₃₃
 2005 WW₃₄ = 2009 TW₂₃
 2005 WK₄₃ = 2009 OR₂₃
 2005 WY₄₈ = 2009 UL₈₈
 2005 WW₄₉ = 2009 SM₇₀
 2005 WY₆₉ = 2009 SL₁₁₈
 2005 WB₈₈ = 2009 SG₂₄₀
 2005 WL₉₀ = 2009 SR₂₃₉
 2005 WJ₉₉ = 2009 RJ₄₄
 2005 WD₁₀₄ = 2009 SH₂₄₃
 2005 WC₁₁₅ = 2009 UE₆₇
 2005 WU₁₂₄ = 2009 UO₁₀₀
 2005 WB₁₃₁ = 2009 UA₁₀₇
 2005 WN₁₄₄ = 2009 UN₈₂
 2005 WF₁₅₂ = 2009 TM₂₅
 2005 WS₁₅₉ = 2009 QN₅₃
 2005 WG₁₆₇ = 2009 TC₁₂
 2005 WZ₁₆₉ = 2009 UP₁₀₃
 2005 WC₁₇₅ = 2009 SL₂₆₀
 2005 WH₁₇₆ = 2009 UD₃₇
 2005 WN₁₇₆ = 2009 UA₇₄
 2005 WD₁₇₇ = 2009 US₃
 2005 WG₁₇₈ = 2009 SN₃₃₈
 2005 WC₁₈₈ = 2009 UR₂₆
 2005 WG₂₀₃ = 2005 YU₇₂ = 2009 TV₁₂
 2005 XR₂₁ = 2009 SN₂₆₅
 2005 XD₂₃ = 2009 SV₄₄
 2005 XE₃₄ = 2009 TL₃₂
 2005 XB₅₀ = 2009 UJ₆₇
 2005 XX₆₄ = 2009 SE₃₃₇
 2005 XQ₇₃ = 2009 SX₃₁₃
 2005 XK₇₅ = 2009 UO₁₅
 2005 XZ₈₀ = 2009 SE₃₃₄
 2005 XY₈₆ = 2009 UF₂₂
 2005 YZ₄ = 2009 SS₂₉₈
 2005 YP₈ = 2009 SA₁₁₇
 2005 YD₂₄ = 2009 SX₆₇
 2005 YO₂₆ = 2009 SP₂₈₃

2005 YP₃₃ = 2009 TA₂₈
 2005 YO₃₅ = 2009 SW₂₈₆
 2005 YQ₅₇ = 1998 HP₁₅
 2005 YD₈₅ = 2009 SW₂₇₈
 2005 YY₈₇ = 2009 SD₃₃₈
 2005 YV₈₈ = 2009 UN₅₁
 2005 YR₉₁ = 2009 SN₂₃₇
 2005 YM₁₄₇ = 2009 RS₆₉
 2005 YT₁₆₅ = 2009 UR₁₁₁
 2005 YB₂₅₅ = 2009 RP₃₂
 2006 AL₁₀ = 2009 SA₄₄
 2006 AU₁₅ = 2009 SJ₂₃₉
 2006 AJ₂₁ = 2005 YX₂₁₁ = 2009 SE₂₃₁
 2006 AZ₃₄ = 2005 YL₂₈₁ = 2009 RL₆₁
 2006 AM₃₅ = 2009 SS₃₁₄
 2006 AV₃₉ = 2009 SY₃₁₀
 2006 AT₅₃ = 2004 TO₃₃₈ = 2009 UA₂₅
 2006 BG₈ = 2009 SH₂₈₂
 2006 BL₂₂ = 2009 UV₂₄
 2006 BQ₃₄ = 2009 SD₃₁₈
 2006 BG₅₉ = 2009 SL₃₁₁
 2006 BV₁₀₈ = 2009 UE₈₇
 2006 BO₁₄₅ = 2009 QW₂₅
 2006 BJ₁₅₅ = 2009 SX₂₄₁
 2006 BT₁₈₄ = 2009 SX₃₃₃
 2006 BD₁₉₈ = 2009 US₁₆
 2006 BH₂₀₁ = 2006 AT₄₅ = 2009 SV₂₈₇
 2006 BQ₂₀₃ = 2009 ST₃₃₆
 2006 BW₂₆₃ = 2009 SN₃₃₀
 2006 BM₂₇₈ = 2009 SQ₃₁₀
 2006 BS₂₈₁ = 2009 RL₆₂
 2006 CS₁₄ = 2009 TF₁₅
 2006 DB = 2009 SX₃₀₃
 2006 DR₇ = 2001 HY₁₄ = 2009 UG₁
 2006 DT₂₀ = 2009 SM₃₁₆
 2006 DG₂₅ = 2009 SU₂₆₅
 2006 DT₄₀ = 2009 UX₈₃
 2006 DQ₆₂ = 2009 SC
 2006 DB₆₃ = 2009 TY₃
 2006 DG₇₂ = 2009 PE₁₈
 2006 DX₁₅₅ = 2009 UK₆₆
 2006 DH₁₇₅ = 2006 ED₇₁
 2006 DM₁₈₉ = 2009 QQ₄₁
 2006 DZ₁₉₉ = 2009 SB₂₉₉
 2006 HK₉₃ = 2009 UJ₈₂
 2006 HW₁₁₄ = 2006 GA₃₃
 2006 KX₆₃ = 2009 TT₅
 2006 KB₁₂₄ = 2009 UH₇₄
 2006 LU₁ = 2009 UN₁₁₁
 2006 RE₅₆ = 2004 GS₆₅
 2006 RS₆₉ = 2009 EH₂₉
 2006 SF₁₀₀ = 2009 DY₁₃₇

2006 VV₁₄ = 2009 SO₂₆₁
 2006 VY₅₆ = 2009 UZ₆
 2006 VH₁₃₆ = 2009 TF₁₉
 2006 WZ₁₅₉ = 2007 BX₁₃
 2006 XS₂₉ = 2009 SN₂₈₀
 2006 XJ₄₄ = 2009 UQ₁₁₃
 2006 XD₅₁ = 2009 SX₃₂₈
 2006 XQ₆₀ = 2009 RT₆₀
 2006 YO₂ = 2009 UQ₁₁₄
 2007 AA₃₀ = 2002 RS₁₉₅ = 2009 SX₃₂₀
 2007 AC₃₀ = 2009 UN₃₇
 2007 BR₁₀ = 2009 SO₃₃₀
 2007 BE₁₂ = 2009 TU₉
 2007 BW₂₁ = 2009 SP₂₅₂
 2007 CG₃₂ = 2009 SB₁₄₁
 2007 CO₅₂ = 2009 SX₂₉₈
 2007 DF₂ = 2009 UE₂₈
 2007 DC₇ = 2009 SX₂₄₀
 2007 DV₂₂ = 2009 ST₁₂₇
 2007 DP₃₂ = 2009 UJ₁₂
 2007 DH₃₄ = 2009 SX₂₆₆
 2007 DF₄₉ = 1998 HR₁₅₅ = 2009 SO₁₈
 2007 DL₇₀ = 2009 UF₁₂₁
 2007 DW₇₈ = 2009 SD₃₁₀
 2007 DU₈₂ = 2009 SE₃₁₂
 2007 DJ₈₄ = 2009 UB₁₀₄
 2007 DR₁₀₉ = 1995 TP₁₂
 2007 DX₁₁₂ = 2005 NR₁₂₅ = 2009 TJ₃₂
 2007 DV₁₁₃ = 2009 SN₂₆₂
 2007 EW₁₀ = 2005 WF₁₈₄ = 2009 TL₃₃
 2007 EH₂₈ = 2009 SA₁₃₈
 2007 EN₂₉ = 2009 SA₂₁₅
 2007 EX₃₂ = 2009 SB₁₅₆
 2007 EM₃₅ = 2009 SL₂₇₅
 2007 EX₄₃ = 2007 FJ₄₁ = 2009 SZ₃₀₂
 2007 EH₄₆ = 2009 SU₃₁₄
 2007 EA₅₅ = 2009 SD₆₈
 2007 EO₅₅ = 2009 TM₃₀
 2007 EE₆₆ = 2009 SW₂₇₇
 2007 EW₇₂ = 2009 UO₃₀
 2007 EO₇₅ = 2009 SL₉₁
 2007 ET₇₈ = 2009 SD₂₈₁
 2007 EK₈₄ = 2005 TS₁₉₃ = 2009 UK₉
 2007 EX₈₉ = 2009 US₂
 2007 EB₁₁₃ = 2007 CF₅₅
 2007 EG₁₃₅ = 2009 UC₆₉
 2007 EH₁₃₉ = 2009 UP₂₂
 2007 EL₁₄₅ = 2009 SC₄₈
 2007 EF₁₄₈ = 2009 TX₁₉
 2007 EU₁₄₉ = 2009 UO₇₀
 2007 EN₁₅₀ = 2009 SG₂₈₃
 2007 EA₁₇₂ = 2009 PE₁₆

2007 EG₁₇₄ = 2009 SY₃₀₉
 2007 ER₁₈₉ = 2009 TJ₃₇
 2007 EL₁₉₅ = 2007 EF₁₈ = 2009 RP₆₂
 2007 EJ₂₁₇ = 2009 UJ₄₀
 2007 FZ₁₉ = 2009 SK₃₁₄
 2007 FW₃₂ = 2009 UX₇₅
 2007 FO₃₆ = 2009 UH₈₆
 2007 FL₄₇ = 2009 UN₈₄
 2007 GL₂₀ = 2009 UR₃
 2007 GX₂₀ = 2009 UU₉₆
 2007 GU₂₅ = 2009 SV₃₀₉
 2007 GK₄₀ = 2009 SA₂₃₁
 2007 GZ₇₂ = 2009 SX₂₄₂
 2007 GC₇₃ = 2009 SV₂₉₅
 2007 GU₇₅ = 2009 UH₈₈
 2007 HZ₁₅ = 2009 SC₂₃₁
 2007 HL₄₈ = 2009 TJ₁
 2007 HK₆₀ = 2009 SZ₃₂₉
 2007 HG₇₂ = 1998 ST₉₁
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 2007 HR₈₆ = 2002 GH₁₅₂
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 2007 KW₃ = 2009 SO₂₃₈
 2007 LU₇ = 2009 US₁₅
 2007 LV₁₄ = 2009 RH₁₈
 2007 PN₄₄ = 2009 BN₁₈₂
 2007 UP₁₂₇ = 2009 FF₇₄
 2008 DP₂₂ = 2009 SA₁₃₁
 2008 DR₂₂ = 2009 SB₂₃₈
 2008 EH₄₈ = 2008 CP₁₉₀
 2008 EA₁₂₃ = 2008 FD₉₆
 2008 EU₁₅₁ = 2009 TN₂
 2008 FB₂₅ = 2009 SF₂₉₂
 2008 FS₄₆ = 2009 SW₉₂
 2008 FZ₄₈ = 2009 SF₂₉₄
 2008 FQ₇₁ = 2009 SF₂₅₉
 2008 FG₇₃ = 2009 TO₁
 2008 FW₁₁₂ = 2009 UJ₁₀₃
 2008 GQ₃₁ = 2009 TT₂₁
 2008 GH₈₄ = 2008 JX₃₈
 2008 HQ₃₂ = 2009 SY₁₀₇
 2008 JZ₂₅ = 2009 UZ₃₄
 2008 KM₂₆ = 2008 KF₂₆
 2008 LS₄ = 2009 TS₃₇
 2008 LS₁₂ = 2009 RW₆₀
 2008 RP₆₂ = 2009 SU₂₉₉
 2008 RJ₁₂₁ = 2009 UC₄₅
 2008 SX₁₆₅ = 2008 RZ₁₀₁ = 2009 TH₆
 2008 SK₂₂₇ = 2009 UV₅₁
 2008 TO₁₄₈ = 2009 UO₃₂
 2008 TC₁₇₃ = 2009 UG₅₈
 2008 WJ₅₈ = 2008 RZ₉₇

2008 YG₇₅ = 2002 TE₃₅₁
 2008 YO₁₆₅ = 2004 TO₂₃₁
 2008 YT₁₆₅ = 2006 JK₇₃
 2009 AD₄₇ = 2005 CT₃₁
 2009 AE₄₇ = 2004 CV₈₁
 2009 AF₄₇ = 2000 CZ₁₃₅
 2009 AG₄₇ = 2006 DM₁₅₉
 2009 AH₄₇ = 2007 TD₂₇₂
 2009 AM₄₇ = 2004 AT₂₀
 2009 AQ₄₇ = 2007 TP₃₂₄
 2009 AV₄₇ = 1995 UK₇₆ = 2006 PY₃₇
 2009 BL₁₃₀ = 2004 HU₅ = 2006 OJ₄
 2009 BL₁₈₂ = 2004 WS₁₁
 2009 BM₁₈₂ = 2004 TH₂₈₉
 2009 BW₁₈₂ = 2003 SU₃₁₂ = 2005 EX₂₂₉
 2009 BA₁₈₃ = 2005 JP₁₁₆
 2009 BE₁₈₃ = 2007 TT₂₆₉
 2009 BH₁₈₃ = 2000 AR₁₄₆
 2009 BN₁₈₃ = 2005 OV₁₁
 2009 CZ₆₂ = 2008 AY₈₄
 2009 CA₆₃ = 2005 VN₆₂
 2009 DW₇ = 2007 TS₃₈
 2009 DV₁₃₇ = 2005 AD₂₆ = 2007 SR₁₇
 2009 DX₁₃₇ = 2003 YV₁₀₇
 2009 DM₁₃₈ = 2004 JC₅₁
 2009 DN₁₃₈ = 2004 XM₆₈ = 2007 TE₁₉₁
 2009 DR₁₃₈ = 2000 SN₃₃₃
 2009 DZ₁₃₈ = 2007 VT₁₁₆
 2009 DA₁₃₉ = 2005 QF₆₉
 2009 DF₁₃₉ = 2006 QM₁₀₃
 2009 DG₁₃₉ = 2005 CR₃₂
 2009 DK₁₃₉ = 2004 ER₁₀₀
 2009 EL₂₉ = 2002 SO₆₁
 2009 FT₇₁ = 2001 SV₃₃₅ = 2006 SO₁₄₂
 2009 FE₇₂ = 2003 ST₃₇₇
 2009 FL₇₂ = 2002 CK₆₅
 2009 FC₇₃ = 2004 JY₅₀
 2009 FG₇₃ = 2000 TR₅₃
 2009 FJ₇₃ = 2005 BV₂₁
 2009 FM₇₃ = 2007 YK₃₈
 2009 FN₇₃ = 2005 GE₁₄₉
 2009 FV₇₃ = 2004 DZ₆₃
 2009 FX₇₃ = 2004 BL₁₂₁ = 2007 TG₂₁₁
 2009 FA₇₄ = 2007 TX₂₃₀
 2009 FG₇₄ = 2005 EL₁₉₆ = 2005 GB₂₁₁
 2009 FJ₇₄ = 2004 GW₈₈
 2009 HK₈₀ = 2006 TA₃₄
 2009 HY₁₀₄ = 2007 XE₃₂
 2009 HF₁₀₅ = 2003 EN₅₆
 2009 HH₁₀₅ = 2001 SW₂₆₈ = 2006 SM₄₁₁ = 2006 UR₂₆₀
 2009 HS₁₀₅ = 1994 VV₄ = 2005 SL₁₈₂ = 2008 EM₇₀
 2009 HX₁₀₅ = 1996 BY₁₅ = 2006 ST₃₁₈
 2009 JA₁₈ = 2006 UD₃₄₀
 2009 MW₉ = 2008 FA₈₇
 2009 MX₉ = 2008 FP₁₁₁
 2009 NX₁ = 2002 XS₉₇
 2009 NA₂ = 2005 SL₁₀₇
 2009 NB₂ = 2005 GQ₁₀₉
 2009 OL₅ = 2004 TN₁₉₄
 2009 OE₂₃ = 2008 GW₉₂
 2009 OH₂₃ = 2008 FJ₁₄
 2009 OK₂₃ = 2000 QR₂₄₆
 2009 ON₂₃ = 2008 EZ₁₀₄
 2009 OO₂₃ = 2004 FC₇₉
 2009 OP₂₃ = 2007 GL₁₄
 2009 OZ₂₃ = 2005 SZ₁₉₉
 2009 OB₂₄ = 2005 QZ₁₀₇
 2009 PS₇ = 2007 ES₅₉
 2009 PF₉ = 2008 JL₂₅
 2009 PX₁₂ = 1999 TX₂₇₄
 2009 PS₁₅ = 2007 HO₃₇
 2009 PE₁₇ = 2008 CH₁₄₂
 2009 PK₁₇ = 2008 HO₁₇
 2009 PQ₁₇ = 1992 WK₆
 2009 PY₁₇ = 2005 TO₁₂₄
 2009 PF₁₈ = 2005 US₂₃₅
 2009 QJ₄ = 1998 BK₂₃
 2009 QV₇ = 2007 GR₃₇
 2009 QJ₁₅ = 1993 RU₁ = 2005 SB₂₅₆
 2009 QR₁₅ = 2007 DC₄₈
 2009 QR₁₆ = 2008 FZ₇₆
 2009 QO₂₀ = 1998 VM₅₅
 2009 QT₂₂ = 2006 YX₁₆
 2009 QO₂₃ = 2005 SO₂₅₀
 2009 QG₂₄ = 2005 UB₄₅₁
 2009 QJ₂₆ = 1998 XB₈
 2009 QC₃₁ = 2005 YF₅₀
 2009 QW₃₂ = 1998 SA₃₅
 2009 QW₃₄ = 2005 WX₁₈₉
 2009 QC₃₇ = 2007 EM₁₉₇
 2009 QD₃₇ = 2003 OA₁₄
 2009 QB₃₈ = 2004 XH₁₆₉
 2009 QC₃₈ = 2006 WN₂₈
 2009 QG₄₂ = 2006 WA₈₆ = 2006 XP₇₃
 2009 QR₄₅ = 2004 TK₂₇₁
 2009 QU₄₆ = 2006 XL₁₄
 2009 QV₄₆ = 2005 UM₂₇₉ = 2008 FP₉₅
 2009 QA₄₇ = 2003 EV₁₅ = 2007 CH₂₂
 2009 QO₅₀ = 2007 FD₄
 2009 QH₅₂ = 2007 ET₁₄₃
 2009 QM₅₂ = 2008 FT₁₈
 2009 QO₅₂ = 2001 EA₂₀
 2009 QS₅₂ = 2007 EJ₁₂₉
 2009 QK₅₄ = 2005 SE₂₀₉

2009 QM₅₄ = 2005 VC₁₀₀
 2009 RB = 2001 XO₄₂
 2009 RV = 2004 RD₂₈₈
 2009 RK₁ = 2003 UL₄₀₀ = 2007 FD₃₇
 2009 RM₃ = 2009 SJ₃₃₂ = 1998 UY₁₁
 2009 RE₄ = 1995 SV₅₆
 2009 RK₇ = 2008 HZ₃₉
 2009 RP₈ = 2008 RD₇₈
 2009 RU₈ = 2002 EA₁₀₈
 2009 RX₈ = 2006 BW₁₇₄
 2009 RT₁₁ = 2004 XX₁₈₉
 2009 RK₁₂ = 1998 XZ₁₉
 2009 RL₁₂ = 2006 CP₃₀
 2009 RT₁₂ = 2007 GF₁₅
 2009 RH₁₄ = 2000 TZ₃
 2009 RY₁₄ = 2003 SB₃₅₃
 2009 RM₁₅ = 2002 TT₂₁₃
 2009 RG₁₇ = 2004 TY₂₃₀
 2009 RW₁₇ = 1999 GT₁₁
 2009 RJ₁₈ = 2005 YG₂₇₆
 2009 RL₁₈ = 2006 BH₁₆₂
 2009 RB₁₉ = 2006 CL₂₆
 2009 RC₁₉ = 1998 SU₈₂ = 2004 VJ₉₇
 2009 RC₂₀ = 2005 XY₄₀
 2009 RD₂₀ = 1998 UT₄₂
 2009 RB₂₅ = 2004 EQ₁₀₆ = 2008 GG₅₉
 2009 RN₂₅ = 2008 GA₁₁₉
 2009 RP₂₅ = 2002 JU₆
 2009 RE₂₆ = 2006 CM₆₀
 2009 RL₂₆ = 2008 EX₁₅
 2009 RQ₂₆ = 2005 UW₃₇₃
 2009 RH₂₇ = 2002 XA₁₇
 2009 RP₂₈ = 2005 XS₆₃
 2009 RQ₂₉ = 2005 UP₄₆₈
 2009 RM₃₀ = 1993 RD₁₅
 2009 RZ₃₀ = 2006 WC₆₈
 2009 RH₃₁ = 1997 ED₁
 2009 RN₃₁ = 1998 SF₁₄₉
 2009 RY₃₁ = 2008 SB₂₂
 2009 RY₃₂ = 2002 EQ₇₇ = 2005 YA₆₃
 2009 RL₃₃ = 2005 WP₁₉₃
 2009 RX₃₃ = 1997 TP₃
 2009 RR₃₄ = 2003 GU₃₂
 2009 RC₃₅ = 2005 WS₁₉₂
 2009 RD₃₅ = 2009 TH₃₂ = 2004 TE₁₅₂
 2009 RO₃₅ = 2004 PM₉₅
 2009 RM₃₇ = 2006 BF₁₁₄
 2009 RM₄₂ = 2006 YG₄
 2009 RO₄₂ = 2005 UR₃₀₃
 2009 RT₄₃ = 1999 TC₁₆₉
 2009 RS₄₄ = 1998 TS₄
 2009 RG₄₆ = 2005 YT₆

2009 RO₄₆ = 2005 YN₂₂₇
 2009 RH₄₈ = 2006 DO₂₀₂
 2009 RX₄₈ = 2004 TW₁₈₉
 2009 RA₄₉ = 2004 TK₁₈₈
 2009 RF₄₉ = 2004 TU₁₈₀
 2009 RE₅₀ = 1994 AY₁₁
 2009 RL₅₀ = 2003 UE₃₇₆
 2009 RM₅₀ = 2004 YH
 2009 RG₅₂ = 1998 VT₄₀
 2009 RB₅₄ = 2006 DQ₁₂₂
 2009 RG₅₄ = 2002 TL₃₃₁
 2009 RA₅₅ = 2004 XF₅₄ = 2005 XS₁₀₆
 2009 RH₅₅ = 1995 SF₆₂
 2009 RP₅₅ = 2001 FF₁₈₅
 2009 RX₅₅ = 2007 CT₃₄ = 2007 CB₇₉
 2009 RC₅₆ = 2004 XJ₅₃
 2009 RH₅₇ = 2003 SK₂₃₉
 2009 RU₅₈ = 2007 GN₅₃
 2009 RK₅₉ = 2007 EO₂₁₉
 2009 RS₅₉ = 2004 VX₉
 2009 RD₆₀ = 2008 KD₃₈
 2009 RV₆₀ = 2009 SS₃₂₆ = 2006 BD₁₄
 2009 RM₆₁ = 2005 QQ₆₉
 2009 RY₆₁ = 1995 OX₁₆
 2009 RY₆₂ = 1997 TJ₂₂ = 2008 SR₁₃₃
 2009 RF₆₃ = 2007 EB₁₇₃
 2009 RN₆₃ = 2005 UU₃₁₂
 2009 RP₆₃ = 1998 SE₉₀ = 2004 XK₁₇₃
 2009 RR₆₃ = 1997 UL₁₁
 2009 RS₆₃ = 2000 SS₃₅₆
 2009 RT₆₃ = 2008 ST₆₁
 2009 RN₆₅ = 2005 SH₂₂₂
 2009 RQ₆₅ = 2004 XK₁₇₂
 2009 RT₆₇ = 1996 VR₁₀ = 2006 VB₈₇
 2009 RM₆₉ = 2005 LN₃₅ = 2006 WA₁₁₈
 2009 RZ₆₉ = 1999 WN₁₆
 2009 RC₇₀ = 2004 YB₉
 2009 SW₄ = 2007 JG₃₉
 2009 SX₅ = 2004 TD₃₅₄
 2009 SY₅ = 2008 RA₈₄
 2009 SO₈ = 2007 EC₁₀₂
 2009 SA₁₀ = 2007 AO₂₆
 2009 SG₁₂ = 2005 VX₁₁
 2009 SH₁₂ = 1998 TW₁₄
 2009 SV₁₂ = 2007 EX₃₇
 2009 SQ₁₄ = 2005 YP₂₆₃
 2009 SW₁₄ = 2006 BP₁₃₆
 2009 SX₁₄ = 2005 VM₄₀
 2009 SZ₁₄ = 2008 FL
 2009 SS₁₅ = 2005 UA₁₈₀
 2009 SL₁₆ = 2005 MN₄₇
 2009 SB₁₈ = 2004 JT₅₃ = 2005 YT₅₉

2009 SN₁₈ = 2007 CL
 2009 SY₁₈ = 1995 UW₇₇
 2009 SH₁₉ = 1997 TR₂₉ = 2000 AR₄₆ = 2007 PS₄₇
 2009 SK₁₉ = 1994 NW₆ = 2008 FY₁₇
 2009 SF₂₁ = 2000 CL₁₃₈ = 2007 CM₃₃
 2009 SL₂₁ = 2005 WD₁₁₅
 2009 SW₂₁ = 2006 AX₆₀
 2009 SX₂₄ = 2004 TV₃₆₁
 2009 SN₂₅ = 2001 EH₂₆ = 2006 CK₅₃
 2009 SQ₂₅ = 1999 XR₂₄₆ = 2002 EJ₁₆₃
 2009 SD₂₇ = 2004 TQ₈₇
 2009 SH₂₉ = 2005 WG₂₀₀
 2009 SW₂₉ = 2004 TH₃₄₁
 2009 SH₃₀ = 2005 YE₇₃
 2009 SK₃₀ = 2006 WJ₇₅
 2009 SK₃₁ = 2001 WO₆
 2009 SV₃₂ = 2003 UC₃₂₉
 2009 SV₃₃ = 2004 PF₂₈
 2009 SA₃₄ = 2007 FC₂₆
 2009 SR₃₄ = 2004 PB₈₃
 2009 SV₃₄ = 1991 TF₁₁ = 2000 TO₇₁
 2009 SC₃₅ = 2003 UN₃₉
 2009 SF₃₆ = 2006 XN₃₃
 2009 SQ₃₆ = 2003 SO₃₄₁ = 2006 DV₁₇₄
 2009 SC₃₇ = 2005 UK₄₁₆ = 2008 JB₁₈
 2009 SD₃₈ = 2005 QJ₁₄₂
 2009 SJ₃₈ = 1996 RT₁₀
 2009 ST₃₈ = 2005 VZ₁₁₄
 2009 SX₃₈ = 2005 VS₁₂
 2009 SU₃₉ = 2004 XB₆₀
 2009 ST₄₂ = 2004 XF₁₈₂
 2009 SU₄₂ = 2005 UU₄₀₅
 2009 SF₄₃ = 2002 CL₃₅
 2009 SJ₄₃ = 2005 WU₁₇₅ = 2005 YS₁₁
 2009 SK₄₃ = 2004 XK₄₆
 2009 SO₄₃ = 2005 UZ₁₉₄
 2009 SU₄₃ = 1999 VC₂₂₂
 2009 SW₄₃ = 2002 CL₂₂₇
 2009 SZ₄₃ = 2006 CK₆₀
 2009 SF₄₄ = 2006 BO₉₇
 2009 SL₄₄ = 2004 FU₃₇
 2009 SK₄₅ = 2005 XU₁₆
 2009 SF₄₆ = 2005 YP₁₀₇
 2009 SH₄₆ = 2001 YL₁₄₃
 2009 SQ₄₆ = 1999 CH₁₄₃
 2009 SV₄₆ = 2008 GN₈₇
 2009 SY₄₇ = 2005 TN₁₀₉
 2009 SJ₄₈ = 2008 SU₄₇
 2009 SV₄₈ = 2005 VS₆₉
 2009 SZ₄₈ = 2003 YT₄₂
 2009 SB₄₉ = 2002 GE₁₄₃
 2009 SQ₄₉ = 2008 JP₃₇

2009 SY₅₀ = 2007 DW₆₃
 2009 SF₅₂ = 2005 WN₁₀
 2009 SL₅₃ = 1995 UJ₅₂
 2009 SF₅₄ = 2007 ER₅₁
 2009 ST₅₄ = 2004 TU₁₅₇
 2009 SW₅₅ = 2004 VB₇₂
 2009 SF₅₈ = 2006 XL₃₆
 2009 SG₅₈ = 2004 TY₂₇₃
 2009 SS₅₈ = 2004 VT₂₀
 2009 SV₅₈ = 2003 BE₉₄
 2009 SL₅₉ = 2000 CM₁₄₄
 2009 SK₆₀ = 2006 EJ₆₇
 2009 SF₆₁ = 2007 PX₃
 2009 SD₆₂ = 2005 UE₁₆₈
 2009 SQ₆₂ = 2006 YH₄₆
 2009 ST₆₄ = 2005 SG₁₈₁
 2009 SV₆₄ = 2004 XZ₅₄
 2009 SZ₆₅ = 2001 DZ₅₅
 2009 SF₆₆ = 2007 EV₂₁₀
 2009 SM₆₆ = 2003 SX₂₀₆
 2009 SB₆₉ = 2000 BU₂₃ = 2004 FA₈₄
 2009 SN₆₉ = 1994 NG
 2009 SR₆₉ = 2005 VA₈
 2009 SR₇₀ = 2002 RM₂₇₁
 2009 SE₇₁ = 2005 UZ₄₃₀
 2009 SP₇₁ = 2005 VT₈₅
 2009 SS₇₁ = 2005 NF₁₀₃ = 2007 BO₉₈
 2009 SY₇₃ = 2007 GY₃₇
 2009 SD₇₄ = 2008 GJ₈₄
 2009 SO₇₅ = 2008 RW₆₅
 2009 SL₇₆ = 2006 CY₆₆
 2009 SZ₇₈ = 2004 TH₂₉₀
 2009 SH₇₉ = 2004 NF₂₇
 2009 SN₈₄ = 2000 EW₁₆₀
 2009 SH₈₅ = 2005 TB₇₀
 2009 SN₈₇ = 2006 YD₃₀
 2009 SV₈₇ = 2002 EX₄₅
 2009 SC₈₈ = 2004 PP₄₄
 2009 SF₈₈ = 2000 EK₁₇₀
 2009 SW₉₀ = 2006 WF₁₉₄
 2009 SV₉₅ = 2005 XJ₁₀₆
 2009 SC₉₆ = 2005 WO₇₁
 2009 SZ₉₆ = 2005 YN₂₈₇ = 2007 GZ₁₄
 2009 SL₉₈ = 2006 WK₁₅
 2009 SF₉₉ = 2002 GX₁₇₇
 2009 SQ₉₉ = 2004 XK₁₂₅
 2009 SW₉₉ = 2004 VF₂₅
 2009 SS₁₀₀ = 2004 ES₁₀₆ = 2005 OP₂₃
 2009 SX₁₀₁ = 1998 TU₁₆
 2009 SA₁₀₂ = 1997 EA₁₁
 2009 SH₁₀₂ = 2002 TK₁₄₂
 2009 SK₁₀₂ = 2003 HQ₄₂

2009 SN₁₀₂ = 2004 QE₈
 2009 SJ₁₀₄ = 2001 QJ₁₀₀
 2009 SY₁₀₄ = 2007 GX₁₁
 2009 SE₁₀₇ = 2004 VW₅₂
 2009 SL₁₀₇ = 2006 AV₁₆
 2009 SV₁₀₇ = 2004 RW₁₇₂
 2009 SA₁₀₈ = 2003 SR₂₉₇
 2009 ST₁₀₉ = 2002 CG₁₈₆ = 2007 DQ₈₈
 2009 SL₁₁₀ = 1998 SG₁₁₄
 2009 SO₁₁₀ = 2005 XH₅₉
 2009 ST₁₁₁ = 2005 VH₁₃₆
 2009 SV₁₁₁ = 2006 SW₃₄₁
 2009 SQ₁₁₃ = 2004 VX₃₀
 2009 SB₁₁₄ = 2004 VV₄₉ = 2007 EZ₂₀₇
 2009 SQ₁₁₄ = 2005 OC₈
 2009 SR₁₁₄ = 2007 BG₂₂
 2009 SG₁₁₅ = 2004 VY₃₂
 2009 SG₁₁₉ = 1994 JX₈ = 2005 LW₃₄
 2009 SB₁₂₂ = 2007 HM₁₀
 2009 SL₁₂₂ = 2005 QC₁₀₈
 2009 SE₁₂₃ = 2004 VA₈₅
 2009 SC₁₂₄ = 2006 WG₁₇₆
 2009 SE₁₂₄ = 2003 OU₁₈
 2009 SH₁₂₄ = 1996 JN₉
 2009 SN₁₂₉ = 2007 DL₆₈
 2009 SF₁₃₀ = 2002 TQ₃₃₀
 2009 SH₁₃₀ = 2007 GL₇₁
 2009 SH₁₃₁ = 2005 YG₂₅₃
 2009 SM₁₃₁ = 2008 SU₂₆
 2009 SV₁₃₁ = 2008 FL₈
 2009 SE₁₃₂ = 2002 CA₂₃₀
 2009 SW₁₃₂ = 2004 ET₁₀₄
 2009 SH₁₃₃ = 2000 EK₁₉₀ = 2005 QT₁₃₇
 2009 SW₁₃₃ = 2004 TG₂₇₆ = 2007 JY₅
 2009 SZ₁₃₃ = 2004 VC₅₆
 2009 SL₁₃₄ = 2005 UC₃₀₃
 2009 SM₁₃₄ = 2002 WR₂₃
 2009 SR₁₃₅ = 2007 EF₁₈₇
 2009 SF₁₃₆ = 2005 WK₁₀₉
 2009 SX₁₃₆ = 2004 VE₂₉
 2009 SZ₁₃₆ = 2005 MZ₃₉
 2009 SE₁₃₇ = 2004 RE₁
 2009 SK₁₃₇ = 2003 UL₃₇₉
 2009 SV₁₃₇ = 2007 DE₉₄
 2009 SF₁₃₈ = 1995 US₅₃
 2009 SZ₁₃₈ = 2006 BZ₁₄₃
 2009 SC₁₃₉ = 2007 GN₅₄
 2009 SB₁₄₀ = 2004 SC₄₄
 2009 SM₁₄₁ = 2006 ET₆₄
 2009 SO₁₄₁ = 2003 GH₁₈
 2009 SV₁₄₁ = 2005 UF₃₉₉
 2009 SX₁₄₂ = 1998 RD₈

2009 SZ₁₄₃ = 2005 YR₂₅₂
 2009 SU₁₄₄ = 2008 EH₁₂₀
 2009 SE₁₄₅ = 2007 EA₃₅
 2009 SF₁₄₅ = 2005 QN₉₈
 2009 SP₁₄₆ = 2005 OT₂₅
 2009 SY₁₄₆ = 2002 DH₉
 2009 SE₁₄₇ = 2005 YO₁₅₅
 2009 SF₁₄₇ = 2008 GG₁₂₂
 2009 SQ₁₄₇ = 2005 XM₈₇
 2009 SX₁₄₇ = 2005 TJ₉₆
 2009 SQ₁₄₈ = 2008 QE₃₀
 2009 SS₁₄₈ = 2003 QY₈
 2009 SD₁₅₀ = 1995 OF₁₇
 2009 SN₁₅₀ = 2008 GQ₁₁₅
 2009 SS₁₅₃ = 1995 US₁₆
 2009 SW₁₅₃ = 2005 OK₁₇
 2009 SX₁₅₃ = 2005 VW₇₂
 2009 SK₁₅₄ = 2004 YQ₅
 2009 SS₁₅₄ = 2007 CD₂₆
 2009 SQ₁₅₅ = 2008 SX₁₃₄
 2009 SR₁₅₅ = 2006 GZ₃₅
 2009 SX₁₅₅ = 2000 SL₁₅₉
 2009 SD₁₅₆ = 2005 TO₇
 2009 SJ₁₅₆ = 2005 UJ₄₂₁
 2009 SK₁₅₆ = 2005 QV₁₁₅
 2009 SM₁₅₆ = 2004 FF₁₅₆
 2009 SQ₁₅₆ = 1996 RG₃₀
 2009 SV₁₅₆ = 2006 DF₁₇₄
 2009 SY₁₅₆ = 2001 QH₁₇₆
 2009 SA₁₅₇ = 2007 CT₄₇
 2009 SE₁₅₇ = 2002 RS₂₂₀
 2009 SJ₁₅₇ = 2003 SD₃₅₆
 2009 SV₁₅₇ = 1995 SS₆₁
 2009 SG₁₅₈ = 2005 YJ₂₃₈
 2009 SY₁₅₈ = 1998 XX₁₄
 2009 SG₁₅₉ = 2007 MG₁₄
 2009 SW₁₅₉ = 2008 SA₂₆
 2009 SK₁₆₀ = 2005 YC₂₀₇
 2009 SL₁₆₀ = 2007 BB₆₄
 2009 SN₁₆₀ = 2005 XR₃₉
 2009 ST₁₆₀ = 2001 UZ₁
 2009 SC₁₆₁ = 2002 XC₆₅
 2009 SD₁₆₁ = 2008 KB₈
 2009 SW₁₆₁ = 2002 TO₁₈₄
 2009 SW₁₆₃ = 2005 YE₂₈₂
 2009 SR₁₆₄ = 2007 HG₂₇
 2009 SY₁₆₄ = 2007 JW₁₁
 2009 SZ₁₆₄ = 2007 GD₇₁
 2009 SO₁₆₅ = 2005 GM₁₁₇
 2009 SU₁₆₆ = 2008 DQ₂₂
 2009 SY₁₆₆ = 1996 TY₃₃
 2009 SF₁₆₇ = 2005 WG₁₅₄

2009 SO₁₆₇ = 2005 NS₅₉
 2009 ST₁₆₉ = 2004 RN₁₈₄
 2009 SW₁₆₉ = 2006 WX₈₅
 2009 SD₁₇₀ = 2005 QK₁₂₈
 2009 SJ₁₇₀ = 1996 XA₂₈
 2009 SN₁₇₀ = 2007 CF₁₀
 2009 ST₁₇₀ = 2002 TU₃₀₁ = 2005 MJ₂
 2009 SV₁₇₀ = 2004 TM₉₃
 2009 SW₁₇₀ = 2000 TZ₄₇
 2009 SJ₁₇₁ = 2008 FY₁₀₅
 2009 SG₁₇₂ = 2003 UD₃₇₃ = 2006 AE₁₀₃
 2009 SR₁₇₂ = 2006 UN₁₆₃
 2009 SF₁₇₃ = 2007 DJ₁₁
 2009 SR₁₇₃ = 2000 WS₁₇₇
 2009 SL₁₇₅ = 2003 FQ₂ = 2008 DN₂₂
 2009 ST₁₇₇ = 2005 UT₄₅₉
 2009 SD₁₇₉ = 2006 BY₅₉
 2009 SV₁₈₀ = 2003 SE₃₅₁ = 2007 HP₂₉
 2009 SC₁₈₁ = 2006 VA₁₄₃
 2009 SE₁₈₁ = 2007 FG₄₉
 2009 SQ₁₈₁ = 2005 EJ₂₉₆
 2009 ST₁₈₁ = 2004 RK₂₄₇
 2009 SX₁₈₂ = 2005 VM₁₁₃
 2009 SP₁₈₃ = 2003 HE₆
 2009 SG₁₈₄ = 2003 FR₂₃
 2009 SK₁₈₅ = 2005 UW₄₄₆
 2009 SQ₁₈₆ = 2007 LN₂₂
 2009 SV₁₈₇ = 2002 XL₁₀₈
 2009 SA₁₈₈ = 2005 UG₃₀₀
 2009 SC₁₈₈ = 1998 SQ₄
 2009 ST₁₈₈ = 2005 UF₃₆₆
 2009 SY₁₈₈ = 2007 EA₁₅₄
 2009 SY₁₈₉ = 2003 BF₇₅
 2009 SR₁₉₀ = 2007 BO₉₀
 2009 ST₁₉₁ = 2004 VT₂₅
 2009 SE₁₉₅ = 2002 TW₅₈
 2009 SK₁₉₆ = 2006 XJ₂₃
 2009 ST₁₉₆ = 2006 DM₆₆
 2009 SM₁₉₈ = 1996 RQ₁₄
 2009 SU₁₉₈ = 2006 DN₁₂₂
 2009 SF₂₀₀ = 2002 TG₁₈₅
 2009 SN₂₀₀ = 2005 SY₄₄
 2009 SP₂₀₀ = 2004 FW₆₈
 2009 SN₂₀₁ = 2004 XJ₄₁ = 2006 BT₂₆₀
 2009 SJ₂₀₂ = 2007 BT₆₆
 2009 SB₂₀₃ = 2005 WP₁₉₇
 2009 SF₂₀₃ = 1998 GT
 2009 SP₂₀₄ = 2000 EP₁₉₆ = 2004 XT₁₅₇
 2009 SV₂₀₄ = 2004 DX₄₄
 2009 SS₂₀₅ = 2001 XY₂₆₆ = 2005 WB₁₁₀
 2009 ST₂₀₅ = 2005 NY₂₀
 2009 SA₂₀₆ = 2007 FV₂

2009 SL₂₀₆ = 2007 EU₅₀
 2009 SB₂₀₈ = 1995 QH₁₂
 2009 SB₂₀₉ = 2005 WF₁₁₀
 2009 SG₂₀₉ = 2002 YO₂₆
 2009 SK₂₀₉ = 2006 DW₁₃₉
 2009 SX₂₀₉ = 2005 XZ₇₀
 2009 SF₂₁₁ = 2008 FS₇₇
 2009 SG₂₁₁ = 2008 FO₇₀
 2009 SZ₂₁₁ = 1998 XJ₈
 2009 SA₂₁₂ = 2007 CL₃₃
 2009 SK₂₁₂ = 1995 WP₉ = 2004 PN₇₄ = 2006 AZ₄₄
 2009 SZ₂₁₂ = 2000 WC₁₈₇
 2009 SV₂₁₃ = 2005 XP₁₀
 2009 SZ₂₁₃ = 1998 VO₃₄
 2009 SQ₂₁₄ = 1998 YS₁₀
 2009 ST₂₁₄ = 2007 JK₃₃
 2009 SW₂₁₄ = 2002 VM₆₇
 2009 SZ₂₁₄ = 2005 UP₃₄₀
 2009 SH₂₁₅ = 2007 EB₉₅
 2009 SJ₂₁₆ = 2005 UO₄₆₈
 2009 SS₂₁₇ = 2003 OB₂₉ = 2009 SE₁₇
 2009 SP₂₂₄ = 2002 GM₁₄₃
 2009 SS₂₂₇ = 2005 LL₃₁
 2009 SS₂₂₉ = 2008 FK₁₁
 2009 ST₂₂₉ = 2002 CZ₂₂₂
 2009 SK₂₃₀ = 2002 CM₁₂₇ = 2007 EJ₉₀
 2009 SN₂₃₂ = 2004 GD₅₁
 2009 SV₂₃₂ = 2004 VF₂₄
 2009 SX₂₃₂ = 1999 FC₉₂
 2009 SA₂₃₃ = 2006 BP₂₁₈
 2009 SG₂₃₃ = 2004 VB₇₃
 2009 SK₂₃₃ = 2003 SQ₂₆₄
 2009 SP₂₃₃ = 2008 GH₆₅
 2009 SC₂₃₄ = 1996 AX₁₁ = 2005 NQ₂₈
 2009 SH₂₃₄ = 2006 WX₁₀₃
 2009 SK₂₃₄ = 2006 DO₆₅
 2009 SM₂₃₄ = 2006 DE₆₅
 2009 SN₂₃₄ = 2001 BO₄₁
 2009 SS₂₃₄ = 1995 SA₃₈
 2009 SD₂₃₅ = 2003 AN₄₆
 2009 SO₂₃₅ = 2005 VK₁₂
 2009 SW₂₃₅ = 2000 WS₁₈₅
 2009 SW₂₃₆ = 2003 AS₂₅
 2009 SY₂₃₈ = 2005 WC₁₉₃
 2009 SY₂₃₉ = 2008 GH₁₁₁
 2009 SB₂₄₀ = 2008 KN₁₀
 2009 SF₂₄₀ = 2008 KD₄₀
 2009 SW₂₄₀ = 2005 VZ₉₄
 2009 SL₂₄₁ = 2003 OU₁₂
 2009 SN₂₄₁ = 2004 AM₂₂
 2009 SY₂₄₁ = 1998 SA₁₂₈
 2009 ST₂₄₂ = 2006 BN₆₀

2009 SC₂₄₃ = 1998 RF₃₈
 2009 SL₂₄₄ = 2005 YF₄₄
 2009 SZ₂₄₄ = 2007 JG₃₇
 2009 SN₂₄₆ = 2007 MJ₁₁
 2009 SV₂₄₆ = 1997 TZ₂₁ = 2008 TP₄₈
 2009 SY₂₄₆ = 1997 SQ₁₃ = 2004 HT₇₃
 2009 SD₂₄₇ = 2007 VB₈
 2009 SR₂₄₉ = 2003 SO₃₇₀
 2009 SF₂₅₀ = 2002 TC₄₆
 2009 SP₂₅₁ = 2005 YT₉₅
 2009 SA₂₅₂ = 1996 UL₃
 2009 SV₂₅₂ = 2005 XJ₈₆
 2009 SH₂₅₃ = 2007 DL₈₂
 2009 SH₂₅₄ = 2008 GR₂₉
 2009 SA₂₅₅ = 2005 UL₁₃₁
 2009 SJ₂₅₅ = 2008 MC₂
 2009 SL₂₅₅ = 2005 UU₄₉₁
 2009 SR₂₅₅ = 2002 SC₁₃
 2009 SS₂₅₅ = 2005 VU₄₂
 2009 SO₂₅₇ = 2005 WW₇₃
 2009 SJ₂₆₁ = 2000 TP₄₆
 2009 SC₂₆₃ = 2003 AL₃₁
 2009 SK₂₆₃ = 2007 EV₅₃
 2009 SP₂₆₃ = 1998 XD₂₅
 2009 SH₂₆₄ = 4357 T-3 = 2008 JV₇
 2009 SJ₂₆₄ = 2002 EL₁₅₈ = 2007 VQ₆
 2009 SK₂₆₄ = 2005 MP₄₃
 2009 SJ₂₆₅ = 1993 SX₉
 2009 SR₂₆₅ = 2005 UF₃₉₄
 2009 SS₂₆₅ = 2005 VU₁₁₅
 2009 SK₂₆₆ = 2008 EE₁₄₂
 2009 SQ₂₆₆ = 2004 PW₄
 2009 SV₂₆₆ = 2007 DZ₅₄
 2009 SY₂₇₀ = 2004 FM₅₀
 2009 SF₂₇₁ = 2000 SA₃₆₅
 2009 SG₂₇₁ = 2005 UV₄₆₅
 2009 SC₂₇₂ = 2005 XX₁₄
 2009 SA₂₇₃ = 1998 WJ₄₀
 2009 SR₂₇₃ = 2007 HX₆
 2009 SW₂₇₄ = 2005 TU₁₃₄
 2009 SF₂₇₅ = 2000 BO₄₁ = 2006 DE₁₇₉
 2009 SK₂₇₅ = 2007 HR₄₄
 2009 SN₂₇₅ = 2006 CK₃₇
 2009 SS₂₇₅ = 1995 SS₇₂
 2009 SW₂₇₅ = 2005 WS₁₇₃
 2009 SD₂₇₆ = 2005 VT₁₀₃ = 2006 BX₄₆
 2009 SQ₂₇₆ = 2007 ET₁₉₆
 2009 SG₂₇₇ = 2000 QV₃₀
 2009 SQ₂₇₇ = 1998 SK₁₅₄ = 2006 GU₁₃
 2009 SV₂₇₇ = 1998 RO₅₈
 2009 SP₂₇₈ = 2007 EO₁₄₄
 2009 SS₂₇₈ = 2004 VN₉₃

2009 ST₂₇₈ = 2005 WZ₁₀₇
 2009 SN₂₇₉ = 1998 SR₁₇
 2009 SQ₂₇₉ = 2005 UO₉₃
 2009 SW₂₈₁ = 2005 VE₇₀ = 2007 EN₁₈₄
 2009 SD₂₈₂ = 1995 UO₇₁
 2009 SK₂₈₂ = 2004 TF₁₃₀
 2009 SO₂₈₃ = 2005 QF₁₄₁
 2009 SJ₂₈₄ = 2004 XN₆
 2009 SM₂₈₄ = 2005 AE₄₆
 2009 SA₂₈₅ = 2007 FM₇
 2009 SJ₂₈₇ = 2006 JJ₇₁
 2009 SL₂₈₇ = 2006 DQ₉
 2009 SO₂₈₈ = 2000 SE₂₈₇
 2009 SQ₂₈₈ = 1996 TA₄₂
 2009 SS₂₈₈ = 2007 BK₆₆
 2009 ST₂₈₈ = 1998 SS₃₅
 2009 SX₂₈₈ = 2006 HU₁₄₂
 2009 SO₂₈₉ = 2007 FP₂₄
 2009 SR₂₈₉ = 2006 DD₁₅₀
 2009 SU₂₈₉ = 1995 UR₆₄
 2009 SV₂₈₉ = 2005 UH₃₇₁
 2009 SC₂₉₀ = 2007 EM₁₁₇
 2009 SL₂₉₀ = 2007 HV₅₅
 2009 SU₂₉₀ = 2002 JS₉₃
 2009 SA₂₉₁ = 2007 DK₁₀₀
 2009 SP₂₉₃ = 2002 RX₁₈₉ = 2006 XE₄₃
 2009 SR₂₉₃ = 2007 EM₉₄
 2009 SS₂₉₆ = 2004 VC₈₇
 2009 SW₂₉₇ = 2005 YU₂₄₁
 2009 SP₃₀₀ = 2008 GV₁₁₅
 2009 SO₃₀₁ = 1999 UV₆
 2009 SL₃₀₅ = 2006 BC₁₂
 2009 SX₃₀₅ = 2008 HM₁₀
 2009 SL₃₀₇ = 2003 SE₄₃₁ = 2003 SL₂₆₄
 2009 SQ₃₁₂ = 2009 QN₁₁ = 2004 TL₃₄₉
 2009 SF₃₁₅ = 2008 RX₅₂
 2009 ST₃₁₈ = 2006 EB₂₉
 2009 SJ₃₁₉ = 2004 RP₂₇₁
 2009 SR₃₁₉ = 1997 SM₂₂
 2009 SZ₃₁₉ = 2008 GB₄₉
 2009 SN₃₂₁ = 2007 HZ₅₃
 2009 SS₃₂₅ = 2008 KX₃₅
 2009 SK₃₂₆ = 2007 CW₅₈
 2009 SL₃₂₆ = 2004 XX₁₁₂
 2009 SE₃₂₇ = 2004 TU₂₉₂
 2009 SD₃₂₈ = 2008 HD₂₇
 2009 SW₃₂₉ = 2008 GV₈₅
 2009 SA₃₃₀ = 1999 FH₇₀
 2009 SE₃₃₀ = 2007 EX₁₄₂
 2009 SG₃₃₀ = 2001 CB₁₈
 2009 SD₃₃₁ = 1998 RB₅₂
 2009 SE₃₃₁ = 1996 XZ₁₉

2009 SQ₃₃₁ = 2007 HZ₉₀
 2009 SJ₃₃₃ = 2005 OL₂₁
 2009 SU₃₃₃ = 2000 QF₁₁₂
 2009 SO₃₃₄ = 2004 RJ₃₂₃
 2009 SZ₃₃₄ = 2004 LC₁₈
 2009 SJ₃₃₇ = 1998 UY₄₀
 2009 SO₃₃₇ = 2008 KH₈
 2009 SQ₃₃₇ = 1996 XD₂₉
 2009 SS₃₃₇ = 2003 KP₂₃
 2009 ST₃₃₇ = 2004 XY₁₃₄
 2009 SX₃₃₇ = 2003 OQ₁₉
 2009 SZ₃₃₇ = 1998 ME₄₄
 2009 SF₃₃₈ = 2005 WS₂₀₂
 2009 SH₃₃₈ = 2007 MU₆
 2009 SM₃₃₈ = 2004 XK₁₃₆
 2009 SJ₃₃₉ = 2007 ES₇₆
 2009 SK₃₃₉ = 1996 RX₂₇
 2009 TA = 1995 SJ₃ = 2001 BN₂ = 2006 DP₇
 2009 TL = 2004 XY₃₇ = 2006 BW₄₈
 2009 TB₁ = 2004 XT₅₉
 2009 TF₁ = 2008 GT₄₁
 2009 TS₁ = 2005 UV₄₃₂
 2009 TD₂ = 2000 CP₁₄₃
 2009 TW₂ = 2005 YR₄
 2009 TE₃ = 2004 CT₁₁₆
 2009 TG₃ = 2005 UV₂₄₂
 2009 TH₃ = 1998 WG₅
 2009 TS₃ = 2005 UV₃₇₆
 2009 TV₃ = 2002 YP₅
 2009 TG₄ = 2006 CF₄₁
 2009 TB₅ = 2005 YO₂₈₄
 2009 TD₅ = 1996 VE₃
 2009 TE₅ = 2004 BL₉
 2009 TO₅ = 2007 FP₃₅
 2009 TG₆ = 2004 TU₂₇₅
 2009 TZ₆ = 2006 AY₇₉
 2009 TB₇ = 2004 XH₁₂₇
 2009 TF₇ = 2005 UO₂₄₂
 2009 TY₇ = 1996 XS₃₄ = 2009 QQ₅₀
 2009 TX₈ = 2006 DX₁₂₁
 2009 TZ₈ = 2003 TH₆
 2009 TF₉ = 2004 XY₆₅
 2009 TG₉ = 2008 SQ₁₇₈
 2009 TO₉ = 2004 TM₂₁₇
 2009 TT₉ = 2005 WX₁₁₇
 2009 TV₁₀ = 1998 SN₄₄
 2009 TY₁₀ = 2005 UZ₃₀₂
 2009 TZ₁₀ = 2003 SS₂₇₀
 2009 TD₁₁ = 2006 BO₉₁
 2009 TE₁₂ = 2004 JT₃
 2009 TQ₁₂ = 2007 EZ₁₇₁
 2009 TY₁₂ = 2000 SO₃₆₄ = 2008 FE₇₀

2009 TZ₁₂ = 2008 GQ₁₂₃
 2009 TK₁₃ = 2002 YA₁₅
 2009 TL₁₃ = 2003 GQ₁₁₇
 2009 TY₁₃ = 2007 BQ₉₆
 2009 TB₁₄ = 2007 GY₉
 2009 TU₁₄ = 2002 SP₂₈
 2009 TC₁₆ = 2005 RF₁
 2009 TD₁₆ = 2000 AQ₃₇ = 2002 GN₁₀
 2009 TQ₁₆ = 1998 VW₄₈
 2009 TH₁₇ = 2005 VZ₅₇
 2009 TP₁₇ = 2005 WQ₇₄
 2009 TZ₁₇ = 2001 XJ₂₅₇
 2009 TC₁₈ = 2005 SF₂₅₄
 2009 TM₁₈ = 2007 MQ₁₅
 2009 TW₁₉ = 2005 UF₂₈₁
 2009 TZ₁₉ = 2009 TZ₃₆ = 2006 YB₃₉
 2009 TA₂₀ = 2007 HE₇₃
 2009 TQ₂₀ = 2005 VO₄₆
 2009 TR₂₀ = 2007 AU₁₇
 2009 TS₂₀ = 2004 GD₅₈
 2009 TG₂₁ = 2002 TR₂₀₄
 2009 TM₂₁ = 1995 FT₇
 2009 TP₂₁ = 2007 DA₉₄
 2009 TQ₂₁ = 2000 BR₄₆ = 2004 XU₁₇₆
 2009 TE₂₂ = 2003 BN₅
 2009 TK₂₂ = 2000 SX₁₉₇
 2009 TC₂₃ = 2005 QJ₁₆₁
 2009 TB₂₅ = 2002 TU₂₁₂
 2009 TN₂₅ = 1994 RC₂₂
 2009 TR₂₅ = 2004 SK₃₆ = 2007 ED₁₅₆
 2009 TU₂₅ = 2005 SU₂₆₇
 2009 TA₂₆ = 2004 GA₈₄
 2009 TH₂₆ = 2008 OY₁₈
 2009 TK₂₆ = 2005 VL₁₀₆
 2009 TD₂₇ = 2002 XY₉₁ = 2003 AW₉₄
 2009 TE₃₁ = 2003 SA₃₀₈
 2009 TJ₃₁ = 2002 TW₃₆₀
 2009 TP₃₁ = 2002 TE₂₀₃
 2009 TH₃₃ = 2000 UT₈₇
 2009 TZ₃₃ = 2006 CO₆₀
 2009 TP₃₄ = 2004 XF₁₆₉ = 2007 LU₃₁
 2009 TA₃₅ = 2005 VC₁₀
 2009 TM₃₅ = 2000 SL₁₈₅
 2009 TN₃₅ = 2005 XW₇₁
 2009 TQ₃₅ = 2003 UH₃₃₁
 2009 TV₃₅ = 2008 FX₁₃
 2009 TB₃₆ = 1999 RJ₂₁₉ = 1999 RL₂₅₇
 2009 TK₃₆ = 2005 UO₃₀₄
 2009 TS₃₆ = 2007 GS₁₀
 2009 TT₃₆ = 2000 KC₆₂
 2009 TG₃₇ = 2006 BO₁₅₁
 2009 US = 2001 VY₁₆ = 2004 YO₅

2009 UH₂ = 2007 FM₁₃
 2009 UZ₃ = 2004 TE₁₇₂
 2009 UQ₄ = 1998 QS₉₄
 2009 UU₄ = 2005 VO₉₆
 2009 UC₅ = 1997 TD₂₉
 2009 UG₅ = 2002 CN₁₉₁
 2009 UP₈ = 2002 RU₁₉₅
 2009 UQ₈ = 2005 QF₁₂₈ = 2007 BV₈₅
 2009 UM₉ = 2007 DN₈₆
 2009 UR₉ = 1998 TA₂₆
 2009 UJ₁₁ = 2005 TL₁₄₅
 2009 UR₁₁ = 2005 XA₈₃
 2009 UW₁₁ = 2004 VF₇ = 2006 AP₇
 2009 UE₁₂ = 2004 XH₁₅₁
 2009 UV₁₃ = 1998 SC₁₅₄
 2009 US₁₄ = 2006 XR₅₂
 2009 UP₁₅ = 2004 XS₁₃₃
 2009 UX₁₆ = 2007 DO₆₅
 2009 UJ₁₈ = 2004 TE₃₃₇
 2009 UQ₁₈ = 2008 KL₂₉
 2009 UV₁₈ = 2004 CN₉₇
 2009 UV₂₀ = 2004 SS₁₉
 2009 UA₂₁ = 2007 EH₁₀₄
 2009 UH₂₃ = 2002 CS₂₇₉
 2009 UA₂₄ = 2004 TB₂₁₂
 2009 UA₂₇ = 2005 XG₃₆
 2009 UH₂₇ = 2007 HU₅₅
 2009 UN₃₀ = 2003 SZ₃₃₉
 2009 UB₃₃ = 2005 QL₁₈₄
 2009 UM₃₃ = 2007 BJ₁₂
 2009 UW₃₃ = 2005 QD₁₃₃
 2009 UD₃₄ = 2003 QH₂₄
 2009 UT₃₆ = 1995 SX₄₄ = 2005 LQ₃₅
 2009 UY₃₈ = 1995 BA₆ = 2003 SA₄₂₁ = 2006 EL₄₄
 2009 UQ₃₉ = 2000 WY₁₂₇
 2009 UY₄₆ = 2007 EJ₁₀₈
 2009 UG₄₇ = 2005 QY₁₃₁
 2009 UJ₄₉ = 2005 XS₄₆
 2009 UD₆₆ = 2006 BD₃₅
 2009 UO₇₁ = 1991 TN₁₁ = 2005 QE₁₄₈
 2009 UX₇₂ = 2002 EQ₃₂
 2009 UR₇₉ = 2002 VW₈
 2009 UV₈₀ = 2007 BT₆₈
 2009 UM₈₂ = 1996 SG₂ = 2004 PP₆₆ = 2005 XL₃₉ = 2007 EJ₁₇₃
 2009 US₈₄ = 2005 YB₃
 2009 UF₈₇ = 2005 YN₁₅₇
 2009 UW₈₈ = 2005 VK₁₁₂
 2009 UE₈₉ = 2006 DU₁₇
 2009 UD₉₀ = 2003 US₄₁₀
 2009 UF₉₀ = 2004 TB₁₆₃
 2009 UX₉₂ = 2003 WW₇₅
 2009 UD₉₄ = 2001 RT₉

4276 T-2 = 2009 UC₁₃
 3266 T-3 = 2009 ST₁₄₃
 3493 T-3 = 2009 RK₁₆
 3765 T-3 = 2009 TO₂₁
 4088 T-3 = 2004 PG₈₉ = 2009 TF₂₁
 5066 T-3 = 2007 HO₇₁ = 2009 TM₂₇
 5772 T-3 = 2007 HP₇₁ = 2009 SU₃₃₈

EPHEMERIDES

C/2009 S3 (Lemmon)						Elements MPC 67413			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		18 11.85	+31 16.2	8.475	8.259	74.1	6.6	20.3	
2009 11 05		18 16.75	+30 47.3	8.512	8.220	69.6	6.5	20.3	
2009 11 15		18 22.30	+30 24.0	8.542	8.181	65.5	6.3	20.3	
2009 11 25		18 28.42	+30 07.3	8.563	8.142	61.7	6.1	20.3	
2009 12 05		18 34.99	+29 57.9	8.574	8.104	58.5	6.0	20.3	
2009 12 15		18 41.95	+29 56.0	8.575	8.066	56.0	5.8	20.2	
2009 12 25		18 49.18	+30 02.3	8.565	8.028	54.1	5.7	20.2	
2010 01 04		18 56.60	+30 16.9	8.543	7.990	53.0	5.6	20.2	
2010 01 14		19 04.12	+30 39.8	8.509	7.953	52.8	5.7	20.2	
2010 01 24		19 11.63	+31 10.9	8.463	7.916	53.4	5.7	20.1	
2010 02 03		19 19.03	+31 50.1	8.406	7.879	54.8	5.9	20.1	
2010 02 13		19 26.25	+32 37.0	8.339	7.843	56.9	6.1	20.1	
2010 02 23		19 33.17	+33 31.2	8.262	7.807	59.5	6.3	20.0	

P/2009 U4 (McNaught)						Elements MPC 67414			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		20 55.21	-30 27.1	1.358	1.751	95.0	34.4	13.1	
2009 11 05		21 20.45	-27 34.8	1.464	1.788	91.3	33.7	13.4	
2009 11 15		21 44.75	-24 34.5	1.581	1.830	87.6	32.7	13.6	
2009 11 25		22 08.08	-21 29.9	1.707	1.877	83.8	31.5	13.9	
2009 12 05		22 30.43	-18 24.6	1.843	1.929	79.7	30.2	14.2	
2009 12 15		22 51.87	-15 21.1	1.987	1.985	75.6	28.7	14.5	
2009 12 25		23 12.49	-12 21.3	2.137	2.045	71.2	27.1	14.8	
2010 01 04		23 32.38	-09 26.8	2.293	2.108	66.7	25.4	15.0	
2010 01 14		23 51.64	-06 38.3	2.453	2.173	62.0	23.6	15.3	
2010 01 24		00 10.35	-03 56.7	2.615	2.240	57.2	21.7	15.6	
2010 02 03		00 28.58	-01 22.4	2.778	2.310	52.2	19.7	15.9	
2010 02 13		00 46.38	+01 04.3	2.939	2.380	47.2	17.7	16.1	
2010 02 23		01 03.83	+03 23.3	3.097	2.452	42.0	15.7	16.4	
2010 03 05		01 20.93	+05 34.3	3.250	2.525	36.7	13.6	16.6	
2010 03 15		01 37.73	+07 37.5	3.396	2.599	31.3	11.5	16.8	

P/2009 SK ₂₈₀ (Spacewatch-Hill)						Elements MPC 67413			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		01 25.86	+03 46.3	3.252	4.229	167.7	2.9	19.8	
2009 11 05		01 19.90	+03 43.2	3.302	4.232	156.9	5.3	19.9	
2009 11 15		01 14.84	+03 46.3	3.380	4.235	145.9	7.5	19.9	
2009 11 25		01 11.01	+03 56.8	3.482	4.239	135.1	9.5	20.0	
2009 12 05		01 08.63	+04 15.4	3.605	4.242	124.6	11.0	20.1	

2009 12 15	01 07.79	+04 42.0	3.743	4.246	114.4	12.2	20.1
2009 12 25	01 08.51	+05 16.3	3.894	4.250	104.6	12.9	20.2
2010 01 04	01 10.70	+05 57.6	4.050	4.254	95.2	13.3	20.3
2010 01 14	01 14.25	+06 45.0	4.210	4.258	86.1	13.3	20.4
2010 01 24	01 19.04	+07 37.7	4.368	4.262	77.4	13.0	20.5
2010 02 03	01 24.90	+08 34.9	4.521	4.267	68.9	12.4	20.6
2010 02 13	01 31.72	+09 35.7	4.667	4.272	60.7	11.6	20.7
2010 02 23	01 39.36	+10 39.2	4.802	4.276	52.8	10.6	20.7
2010 03 05	01 47.70	+11 44.6	4.924	4.282	45.0	9.4	20.8
2010 03 15	01 56.63	+12 51.4	5.033	4.287	37.5	8.1	20.8
2010 03 25	02 06.06	+13 58.7	5.126	4.292	30.1	6.7	20.9

P/2009 T2 (La Sagra)					Elements MPC 67414				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		01 41.19	+16 16.5	0.974	1.966	173.7	3.2	16.9	
2009 11 05		01 39.26	+11 24.6	0.945	1.918	164.5	7.9	16.7	
2009 11 15		01 38.92	+06 30.2	0.943	1.876	152.5	14.1	16.6	
2009 11 25		01 41.08	+02 02.3	0.966	1.840	140.8	19.8	16.6	
2009 12 05		01 46.26	−01 39.3	1.010	1.809	130.1	24.6	16.6	
2009 12 15		01 54.50	−04 26.8	1.069	1.785	120.7	28.3	16.7	
2009 12 25		02 05.65	−06 21.3	1.139	1.768	112.6	30.9	16.8	
2010 01 04		02 19.40	−07 29.2	1.218	1.758	105.5	32.6	16.9	
2010 01 14		02 35.33	−07 58.7	1.301	1.755	99.4	33.6	17.0	
2010 01 24		02 53.12	−07 57.6	1.389	1.759	94.1	33.9	17.2	
2010 02 03		03 12.43	−07 33.8	1.480	1.771	89.5	33.8	17.3	
2010 02 13		03 32.95	−06 53.8	1.575	1.790	85.4	33.4	17.5	
2010 02 23		03 54.45	−06 03.4	1.672	1.816	81.7	32.6	17.7	
2010 03 05		04 16.68	−05 07.7	1.773	1.848	78.3	31.7	17.9	
2010 03 15		04 39.45	−04 11.2	1.878	1.886	75.1	30.6	18.1	
2010 03 25		05 02.57	−03 17.3	1.988	1.929	72.0	29.4	18.3	
2010 04 04		05 25.85	−02 29.3	2.102	1.977	69.0	28.2	18.6	
2010 04 14		05 49.12	−01 49.3	2.221	2.030	65.9	26.8	18.8	
2010 04 24		06 12.25	−01 18.9	2.344	2.086	62.8	25.4	19.0	
2010 05 04		06 35.08	−00 59.2	2.472	2.146	59.6	23.9	19.3	
2010 05 14		06 57.51	−00 50.5	2.603	2.208	56.3	22.4	19.5	
2010 05 24		07 19.45	−00 53.0	2.737	2.273	52.8	20.8	19.8	

228P/LINEAR					Elements MPC 67414				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		03 18.79	+21 25.7	3.188	4.133	159.4	4.8		20.5
2009 11 05		03 12.19	+21 15.5	3.137	4.118	170.6	2.3		20.3
2009 11 15		03 05.15	+21 01.0	3.116	4.103	175.5	1.1		20.2
2009 11 25		02 58.26	+20 43.8	3.127	4.088	165.0	3.6		20.4
2009 12 05		02 52.12	+20 26.5	3.167	4.073	153.6	6.2		20.5
2009 12 15		02 47.18	+20 11.3	3.234	4.058	142.3	8.5		20.7
2009 12 25		02 43.81	+20 00.5	3.325	4.043	131.4	10.5		20.8
2010 01 04		02 42.21	+19 55.7	3.434	4.028	120.8	12.1		20.9
2010 01 14		02 42.40	+19 57.7	3.558	4.013	110.7	13.3		21.0
2010 01 24		02 44.38	+20 06.9	3.690	3.998	101.0	14.0		21.1
2010 02 03		02 48.02	+20 22.8	3.828	3.982	91.8	14.3		21.2
2010 02 13		02 53.19	+20 44.8	3.965	3.967	83.0	14.3		21.3
2010 02 23		02 59.74	+21 12.0	4.100	3.952	74.5	14.0		21.3
2010 03 05		03 07.51	+21 43.4	4.229	3.937	66.4	13.3		21.4

2010 03 15	03 16.36	+22 17.9	4.349	3.922	58.5	12.5	21.4
2010 03 25	03 26.17	+22 54.6	4.458	3.908	51.0	11.4	21.4
2010 04 04	03 36.80	+23 32.4	4.555	3.893	43.7	10.2	21.4
2010 04 14	03 48.15	+24 10.4	4.637	3.878	36.6	8.9	21.4

C/2009 U3 (Hill)				Elements MPC 67414					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		03 44.28	+16 02.5	1.491	2.428	154.8	10.0	17.7	
2009 11 05		03 27.94	+18 57.3	1.348	2.327	168.2	5.0	17.3	
2009 11 15		03 06.44	+22 15.6	1.241	2.228	174.9	2.3	16.9	
2009 11 25		02 40.85	+25 44.2	1.174	2.130	160.6	8.9	16.6	
2009 12 05		02 13.56	+29 06.5	1.146	2.035	145.2	16.0	16.4	
2009 12 15		01 47.56	+32 10.8	1.152	1.942	130.6	22.6	16.2	
2009 12 25		01 25.48	+34 56.7	1.183	1.853	117.3	28.1	16.0	
2010 01 04		01 08.74	+37 32.8	1.229	1.769	105.7	32.4	15.9	
2010 01 14		00 57.59	+40 09.8	1.280	1.690	95.7	35.4	15.8	
2010 01 24		00 51.72	+42 57.2	1.330	1.618	87.4	37.4	15.7	
2010 02 03		00 50.61	+46 01.9	1.374	1.555	80.6	38.7	15.6	
2010 02 13		00 53.94	+49 28.4	1.407	1.501	75.4	39.5	15.5	
2010 02 23		01 01.84	+53 19.9	1.429	1.460	71.7	40.0	15.4	
2010 03 05		01 15.07	+57 38.2	1.439	1.431	69.3	40.4	15.3	
2010 03 15		01 35.79	+62 22.7	1.439	1.416	68.4	40.8	15.3	
2010 03 25		02 08.95	+67 27.1	1.431	1.416	68.7	41.0	15.3	

P/2009 S1 (Gibbs)				Elements MPC 67413					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		04 01.29	−17 59.2	1.677	2.503	137.6	15.5	18.1	
2009 11 05		03 56.21	−19 29.8	1.675	2.519	140.3	14.6	18.1	
2009 11 15		03 49.83	−20 27.2	1.694	2.536	140.5	14.4	18.2	
2009 11 25		03 43.12	−20 46.5	1.732	2.555	138.3	14.9	18.3	
2009 12 05		03 37.10	−20 27.6	1.790	2.575	134.1	16.0	18.4	
2009 12 15		03 32.56	−19 34.5	1.866	2.596	128.5	17.2	18.5	
2009 12 25		03 30.06	−18 13.2	1.958	2.619	122.3	18.5	18.6	
2010 01 04		03 29.86	−16 31.0	2.064	2.643	115.7	19.6	18.8	
2010 01 14		03 31.96	−14 35.1	2.181	2.668	109.0	20.4	19.0	
2010 01 24		03 36.25	−12 31.1	2.307	2.695	102.3	20.9	19.1	
2010 02 03		03 42.50	−10 24.3	2.441	2.722	95.7	21.1	19.3	
2010 02 13		03 50.46	−08 18.3	2.579	2.750	89.3	21.0	19.5	
2010 02 23		03 59.93	−06 15.9	2.720	2.779	83.0	20.7	19.6	
2010 03 05		04 10.65	−04 19.5	2.863	2.809	76.9	20.1	19.8	
2010 03 15		04 22.42	−02 30.5	3.005	2.840	70.9	19.3	19.9	
2010 03 25		04 35.09	−00 50.0	3.145	2.871	65.1	18.4	20.1	
2010 04 04		04 48.47	+00 41.1	3.282	2.903	59.3	17.2	20.2	
2010 04 14		05 02.43	+02 02.3	3.415	2.935	53.7	16.0	20.3	
2010 04 24		05 16.84	+03 13.3	3.541	2.968	48.3	14.6	20.5	
2010 05 04		05 31.59	+04 13.9	3.661	3.002	42.9	13.2	20.6	
2010 05 14		05 46.56	+05 04.3	3.772	3.036	37.7	11.7	20.7	
2010 05 24		06 01.68	+05 44.4	3.874	3.070	32.6	10.2	20.8	

C/2009 U1 (Garradd)					Elements MPC 67414				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26		04 17.38	−39 22.2	3.279	3.865	119.4	13.0	19.0	
2009 11 05		04 05.54	−39 06.8	3.189	3.806	121.8	12.8	18.8	
2009 11 15		03 52.31	−38 20.3	3.119	3.748	122.8	12.8	18.7	

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2009 11 25	03 38.60	−36 58.6	3.071	3.691	122.0	13.1	18.6
2009 12 05	03 25.43	−35 00.8	3.047	3.636	119.6	13.6	18.5
2009 12 15	03 13.69	−32 30.2	3.046	3.582	115.5	14.4	18.5
2009 12 25	03 04.03	−29 32.1	3.067	3.529	110.1	15.2	18.4
2010 01 04	02 56.80	−26 14.3	3.110	3.478	103.8	15.9	18.4
2010 01 14	02 52.07	−22 44.2	3.170	3.429	96.8	16.6	18.4
2010 01 24	02 49.74	−19 08.3	3.244	3.381	89.5	16.9	18.3
2010 02 03	02 49.61	−15 32.1	3.328	3.336	81.9	17.0	18.3
2010 02 13	02 51.43	−11 59.2	3.419	3.292	74.3	16.8	18.3
2010 02 23	02 54.95	−08 32.1	3.512	3.251	66.7	16.2	18.3
2010 03 05	02 59.93	−05 12.2	3.604	3.212	59.3	15.4	18.4
2010 03 15	03 06.17	−02 00.1	3.692	3.176	51.9	14.3	18.4
2010 03 25	03 13.50	+01 04.0	3.772	3.142	44.6	12.9	18.4
2010 04 04	03 21.75	+04 00.2	3.844	3.110	37.5	11.3	18.4
2010 04 14	03 30.80	+06 49.3	3.904	3.082	30.5	9.5	18.3

C/2009 T3 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26	04 47.75	+24 15.1	1.608	2.446	139.0	15.5	17.4		
2009 11 05	04 01.76	+25 49.1	1.458	2.408	158.5	8.7	17.1		
2009 11 15	03 05.85	+26 15.8	1.392	2.375	171.4	3.6	17.0		
2009 11 25	02 09.04	+25 10.4	1.420	2.346	153.5	10.8	17.0		
2009 12 05	01 21.04	+23 03.4	1.535	2.322	133.1	18.1	17.1		
2009 12 15	00 45.46	+20 47.5	1.710	2.304	114.8	22.8	17.3		
2009 12 25	00 20.97	+18 54.8	1.921	2.291	99.0	25.1	17.5		
2010 01 04	00 04.74	+17 34.2	2.147	2.283	85.1	25.4	17.7		
2010 01 14	23 54.31	+16 43.4	2.372	2.281	72.7	24.3	18.0		
2010 01 24	23 47.87	+16 17.7	2.586	2.285	61.4	22.2	18.2		
2010 02 03	23 44.14	+16 12.1	2.782	2.295	51.1	19.5	18.3		
2010 02 13	23 42.27	+16 22.7	2.954	2.310	41.6	16.5	18.5		
2010 02 23	23 41.61	+16 46.5	3.098	2.331	32.9	13.3	18.6		

C/2009 T1 (McNaught)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26	05 55.88	−60 00.6	6.085	6.233	94.0	9.2	18.4		
2009 11 05	05 43.29	−60 28.4	6.060	6.235	95.6	9.1	18.4		
2009 11 15	05 28.77	−60 39.1	6.042	6.238	96.8	9.1	18.4		
2009 11 25	05 13.00	−60 28.7	6.034	6.241	97.6	9.0	18.4		
2009 12 05	04 56.94	−59 54.7	6.037	6.246	97.7	9.0	18.4		
2009 12 15	04 41.53	−58 56.9	6.051	6.251	97.2	9.0	18.4		
2009 12 25	04 27.62	−57 36.4	6.077	6.257	96.0	9.0	18.4		
2010 01 04	04 15.78	−55 56.5	6.116	6.264	94.1	9.0	18.4		
2010 01 14	04 06.30	−54 01.0	6.166	6.271	91.6	9.0	18.4		
2010 01 24	03 59.21	−51 54.4	6.227	6.280	88.5	9.0	18.5		
2010 02 03	03 54.38	−49 41.0	6.297	6.288	85.0	9.0	18.5		
2010 02 13	03 51.58	−47 24.5	6.374	6.298	81.1	8.9	18.5		
2010 02 23	03 50.55	−45 08.5	6.456	6.309	77.0	8.8	18.5		
2010 03 05	03 51.03	−42 55.6	6.540	6.320	72.9	8.6	18.6		
2010 03 15	03 52.75	−40 47.9	6.625	6.332	68.7	8.4	18.6		
2010 03 25	03 55.50	−38 47.2	6.706	6.344	64.7	8.2	18.7		
2010 04 04	03 59.07	−36 54.7	6.783	6.357	60.9	7.9	18.7		

2009 NOV. 2

C/2009 U5 (Grauer)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26	08 59.12	+18 03.4	6.409	6.322	80.5	8.9	19.0		
2009 11 05	09 03.26	+18 11.0	6.236	6.308	89.6	9.0	19.0		
2009 11 15	09 06.50	+18 23.5	6.064	6.295	99.0	8.9	18.9		
2009 11 25	09 08.77	+18 41.5	5.896	6.282	108.6	8.6	18.8		
2009 12 05	09 10.02	+19 05.3	5.739	6.270	118.6	7.9	18.8		
2009 12 15	09 10.23	+19 34.7	5.595	6.259	128.8	7.0	18.7		
2009 12 25	09 09.43	+20 09.3	5.470	6.248	139.3	5.9	18.6		
2010 01 04	09 07.71	+20 48.2	5.368	6.238	149.9	4.5	18.6		
2010 01 14	09 05.22	+21 29.9	5.293	6.229	160.6	3.0	18.6		
2010 01 24	09 02.16	+22 12.8	5.248	6.221	170.7	1.5	18.5		
2010 02 03	08 58.82	+22 55.1	5.233	6.214	173.5	1.0	18.5		
2010 02 13	08 55.49	+23 34.9	5.250	6.207	164.5	2.4	18.5		
2010 02 23	08 52.46	+24 10.8	5.296	6.201	154.0	4.0	18.5		
2010 03 05	08 50.01	+24 41.5	5.370	6.196	143.5	5.5	18.6		
2010 03 15	08 48.37	+25 06.6	5.468	6.191	133.1	6.7	18.6		

P/2009 U6 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 10 26	09 41.54	+13 09.2	1.788	1.711	69.3	32.9	16.6		
2009 11 05	10 02.04	+12 42.6	1.745	1.761	74.4	32.9	16.7		
2009 11 15	10 20.48	+12 25.9	1.699	1.814	80.2	32.5	16.7		
2009 11 25	10 36.66	+12 23.0	1.649	1.871	86.6	31.8	16.8		
2009 12 05	10 50.37	+12 37.5	1.597	1.930	93.7	30.6	16.9		
2009 12 15	11 01.35	+13 12.7	1.544	1.990	101.5	29.0	16.9		
2009 12 25	11 09.28	+14 11.1	1.495	2.053	110.2	26.7	17.0		
2010 01 04	11 13.89	+15 33.2	1.451	2.117	119.6	23.8	17.1		
2010 01 14	11 14.99	+17 17.3	1.417	2.181	129.7	20.3	17.1		
2010 01 24	11 12.54	+19 17.6	1.399	2.247	140.4	16.2	17.2		
2010 02 03	11 06.92	+21 24.3	1.401	2.313	150.9	11.9	17.4		
2010 02 13	10 58.87	+23 25.3	1.427	2.379	160.0	8.2	17.5		
2010 02 23	10 49.55	+25 08.1	1.480	2.445	163.7	6.5	17.7		
2010 03 05	10 40.31	+26 24.0	1.559	2.511	159.2	8.1	18.0		
2010 03 15	10 32.35	+27 09.8	1.665	2.577	150.5	10.9	18.2		
2010 03 25	10 26.52	+27 26.7	1.793	2.643	140.9	13.8	18.5		
2010 04 04	10 23.22	+27 19.0	1.941	2.708	131.4	16.1	18.8		
2010 04 14	10 22.46	+26 51.8	2.104	2.773	122.3	17.8	19.0		
2010 04 24	10 24.07	+26 09.6	2.281	2.838	113.7	18.9	19.3		
2010 05 04	10 27.72	+25 16.2	2.466	2.901	105.4	19.6	19.6		
2010 05 14	10 33.08	+24 14.4	2.657	2.965	97.6	19.7	19.8		

P/2005 SB₂₁₆ (LONEOS)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 15	12 54.33	−09 52.6	7.217	6.448	36.5	5.2	20.8		
2009 11 25	12 59.45	−10 41.3	7.140	6.481	45.0	6.2	20.8		
2009 12 05	13 04.05	−11 27.7	7.046	6.513	53.8	7.0	20.8		
2009 12 15	13 08.03	−12 11.1	6.936	6.545	62.8	7.7	20.8		
2009 12 25	13 11.29	−12 51.2	6.815	6.577	71.9	8.2	20.8		
2010 01 04	13 13.74	−13 27.3	6.685	6.609	81.3	8.5	20.8		
2010 01 14	13 15.30	−13 59.1	6.552	6.640	90.9	8.5	20.8		
2010 01 24	13 15.88	−14 26.0	6.418	6.672	100.7	8.3	20.7		
2010 02 03	13 15.46	−14 47.5	6.291	6.704	110.8	7.9	20.7		

2010 02 13	13 14.04	−15 03.4	6.173	6.735	121.0	7.2	20.6
2010 02 23	13 11.65	−15 13.2	6.071	6.766	131.4	6.3	20.6
2010 03 05	13 08.40	−15 16.9	5.989	6.797	141.9	5.2	20.5
2010 03 15	13 04.45	−15 14.9	5.932	6.829	152.4	3.9	20.4
2010 03 25	13 00.00	−15 07.6	5.902	6.860	162.5	2.5	20.3
2010 04 04	12 55.31	−14 56.0	5.902	6.890	170.5	1.4	20.2
2010 04 14	12 50.63	−14 41.3	5.933	6.921	169.3	1.5	20.3
2010 04 24	12 46.22	−14 24.9	5.995	6.952	160.7	2.7	20.4
2010 05 04	12 42.30	−14 08.5	6.085	6.982	150.7	4.0	20.5
2010 05 14	12 39.06	−13 53.4	6.202	7.013	140.6	5.2	20.6
2010 05 24	12 36.62	−13 40.8	6.342	7.043	130.6	6.3	20.7
2010 06 03	12 35.06	−13 32.0	6.500	7.073	120.8	7.1	20.8
2010 06 13	12 34.39	−13 27.4	6.672	7.103	111.2	7.7	20.9
2010 06 23	12 34.63	−13 27.7	6.855	7.133	101.8	8.0	21.0
2010 07 03	12 35.72	−13 32.9	7.043	7.163	92.7	8.2	21.1
2010 07 13	12 37.61	−13 43.1	7.231	7.192	83.8	8.1	21.1
2010 07 23	12 40.23	−13 58.1	7.417	7.222	75.0	7.8	21.2
2010 08 02	12 43.50	−14 17.7	7.597	7.251	66.4	7.4	21.2
2010 08 12	12 47.34	−14 41.5	7.766	7.280	58.0	6.8	21.3
2010 08 22	12 51.68	−15 09.2	7.923	7.309	49.7	6.1	21.3
2010 09 01	12 56.44	−15 40.3	8.063	7.338	41.5	5.2	21.3
2010 09 11	13 01.54	−16 14.3	8.186	7.367	33.5	4.3	21.3

128P/Shoemaker-Holt

Elements MPC 51822

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 15		12 59.75	−08 03.2	5.738	4.970	35.8	6.7	19.3	21.8
2009 11 25		13 07.22	−08 47.9	5.656	4.992	43.9	7.9	19.2	21.8
2009 12 05		13 14.15	−09 28.9	5.558	5.014	52.2	8.9	19.2	21.8
2009 12 15		13 20.43	−10 05.7	5.445	5.036	60.7	9.8	19.2	21.8
2009 12 25		13 25.94	−10 37.6	5.319	5.057	69.4	10.5	19.2	21.8
2010 01 04		13 30.55	−11 04.0	5.185	5.079	78.3	10.9	19.1	21.8
2010 01 14		13 34.14	−11 24.3	5.046	5.100	87.6	11.1	19.1	21.7
2010 01 24		13 36.60	−11 37.8	4.905	5.121	97.1	11.0	19.0	21.7
2010 02 03		13 37.83	−11 44.2	4.767	5.141	107.0	10.6	19.0	21.6
2010 02 13		13 37.78	−11 43.1	4.637	5.162	117.1	9.8	19.0	21.5
2010 02 23		13 36.45	−11 34.3	4.519	5.182	127.5	8.7	18.9	21.4
2010 03 05		13 33.89	−11 17.9	4.420	5.202	138.3	7.3	18.9	21.3
2010 03 15		13 30.25	−10 54.6	4.342	5.221	149.2	5.6	18.9	21.2
2010 03 25		13 25.75	−10 25.5	4.291	5.241	160.4	3.7	18.9	21.1
2010 04 04		13 20.71	−09 52.2	4.269	5.260	171.5	1.6	18.9	21.0
2010 04 14		13 15.47	−09 16.8	4.277	5.279	176.9	0.6	18.9	20.9
2010 04 24		13 10.38	−08 41.4	4.317	5.298	165.9	2.6	18.9	21.1
2010 05 04		13 05.80	−08 08.4	4.385	5.316	155.0	4.6	19.0	21.2
2010 05 14		13 01.98	−07 39.6	4.481	5.334	144.2	6.4	19.0	21.4
2010 05 24		12 59.13	−07 16.7	4.601	5.352	133.8	7.8	19.1	21.5
2010 06 03		12 57.38	−07 00.5	4.740	5.370	123.7	9.0	19.2	21.6
2010 06 13		12 56.77	−06 51.5	4.894	5.387	114.0	9.9	19.3	21.7
2010 06 23		12 57.29	−06 49.8	5.059	5.404	104.5	10.5	19.3	21.9
2010 07 03		12 58.91	−06 55.1	5.230	5.421	95.4	10.8	19.4	21.9
2010 07 13		13 01.53	−07 07.0	5.404	5.438	86.5	10.8	19.5	22.0
2010 07 23		13 05.08	−07 24.7	5.576	5.454	77.9	10.5	19.6	22.1
2010 08 02		13 09.46	−07 47.6	5.743	5.470	69.5	10.0	19.7	22.1
2010 08 12		13 14.57	−08 15.1	5.901	5.486	61.3	9.3	19.7	22.2

2010 08 22	13 20.33	−08 46.2	6.048	5.502	53.2	8.5	19.8	22.2
2010 09 01	13 26.64	−09 20.4	6.182	5.517	45.2	7.5	19.9	22.2
2010 09 11	13 33.42	−09 57.0	6.300	5.533	37.3	6.3	19.9	22.2

C/2009 F2 (McNaught)

Elements MPC 66204

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 15		13 08.76	−26 21.0	6.696	5.875	31.4	5.0	17.8	
2009 11 25		13 16.71	−26 34.2	6.619	5.876	38.3	6.0	17.8	
2009 12 05		13 24.16	−26 46.0	6.522	5.877	45.7	6.9	17.8	
2009 12 15		13 31.01	−26 55.7	6.409	5.879	53.6	7.7	17.7	
2009 12 25		13 37.16	−27 02.2	6.281	5.882	61.9	8.5	17.7	
2010 01 04		13 42.50	−27 04.6	6.141	5.886	70.5	9.1	17.6	
2010 01 14		13 46.91	−27 02.0	5.992	5.891	79.4	9.4	17.6	
2010 01 24		13 50.30	−26 53.1	5.839	5.896	88.5	9.6	17.5	
2010 02 03		13 52.58	−26 36.9	5.684	5.903	98.0	9.5	17.5	
2010 02 13		13 53.71	−26 12.4	5.533	5.910	107.8	9.2	17.4	
2010 02 23		13 53.66	−25 38.7	5.391	5.918	117.8	8.5	17.4	
2010 03 05		13 52.49	−24 55.1	5.263	5.927	128.1	7.6	17.3	
2010 03 15		13 50.30	−24 01.3	5.154	5.936	138.5	6.4	17.3	
2010 03 25		13 47.26	−22 57.6	5.069	5.947	149.1	4.9	17.3	
2010 04 04		13 43.63	−21 45.1	5.011	5.958	159.4	3.4	17.3	
2010 04 14		13 39.67	−20 25.6	4.984	5.970	168.5	1.9	17.2	
2010 04 24		13 35.68	−19 01.4	4.989	5.983	170.5	1.6	17.3	
2010 05 04		13 31.98	−17 35.5	5.026	5.996	162.8	2.8	17.3	
2010 05 14		13 28.81	−16 10.9	5.094	6.011	152.9	4.4	17.3	
2010 05 24		13 26.37	−14 50.2	5.191	6.026	142.5	5.9	17.4	
2010 06 03		13 24.81	−13 35.6	5.312	6.042	132.3	7.1	17.4	
2010 06 13		13 24.20	−12 28.7	5.455	6.059	122.3	8.1	17.5	
2010 06 23		13 24.58	−11 30.3	5.614	6.076	112.5	8.9	17.6	
2010 07 03		13 25.92	−10 40.8	5.785	6.094	103.0	9.4	17.7	
2010 07 13		13 28.18	−10 00.0	5.962	6.113	93.7	9.6	17.7	
2010 07 23		13 31.31	−09 27.4	6.143	6.133	84.7	9.5	17.8	
2010 08 02		13 35.21	−09 02.0	6.321	6.153	75.9	9.2	17.9	
2010 08 12		13 39.82	−08 43.2	6.495	6.174	67.3	8.7	18.0	
2010 08 22		13 45.05	−08 29.9	6.659	6.196	58.8	8.0	18.0	
2010 09 01		13 50.82	−08 21.1	6.812	6.218	50.5	7.2	18.1	
2010 09 11		13 57.04	−08 15.7	6.950	6.241	42.2	6.2	18.2	
2010 09 21		14 03.65	−08 12.9	7.071	6.265	34.1	5.2	18.2	

C/2008 Q1 (Matičič)

Elements MPC 65935

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 15		13 24.56	−02 21.1	5.064	4.265	32.7	7.2	19.8	
2009 11 25		13 26.76	−03 27.9	5.019	4.331	41.6	8.7	19.9	
2009 12 05		13 28.19	−04 29.7	4.951	4.397	50.9	10.0	19.9	
2009 12 15		13 28.68	−05 26.5	4.864	4.463	60.5	11.1	19.9	
2009 12 25		13 28.02	−06 17.9	4.762	4.530	70.5	11.8	19.9	
2010 01 04		13 26.03	−07 03.6	4.650	4.597	80.9	12.2	20.0	
2010 01 14		13 22.52	−07 43.1	4.533	4.665	91.6	12.2	20.0	
2010 01 24		13 17.33	−08 15.7	4.417	4.733	102.8	11.7	20.0	
2010 02 03		13 10.41	−08 40.8	4.310	4.801	114.4	10.8	20.0	
2010 02 13		13 01.75	−08 57.8	4.220	4.870	126.3	9.4	20.0	
2010 02 23		12 51.52	−09 06.3	4.153	4.939	138.6	7.6	20.0	
2010 03 05		12 40.04	−09 06.5	4.117	5.008	151.1	5.5	20.1	

2010 03 15	12 27.76	−08 59.0	4.117	5.078	163.3	3.2	20.1		
2010 03 25	12 15.26	−08 45.2	4.156	5.147	172.9	1.4	20.2		
2010 04 04	12 03.12	−08 27.4	4.236	5.217	167.7	2.3	20.3		
2010 04 14	11 51.88	−08 08.0	4.354	5.287	156.2	4.4	20.4		
2010 04 24	11 41.93	−07 49.5	4.507	5.357	144.4	6.3	20.6		
2010 05 04	11 33.53	−07 34.0	4.690	5.427	132.9	7.8	20.7		
2010 05 14	11 26.77	−07 22.9	4.898	5.497	121.8	9.0	20.9		
2010 05 24	11 21.64	−07 17.4	5.122	5.568	111.1	9.8	21.0		
2010 06 03	11 18.03	−07 17.9	5.358	5.638	100.9	10.2	21.2		
2010 06 13	11 15.81	−07 24.5	5.600	5.709	91.0	10.2	21.3		
2010 06 23	11 14.81	−07 37.1	5.841	5.779	81.5	10.0	21.5		

173P/Mueller			Elements MPC 54987						
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 15		13 38.77	+04 51.4	5.554	4.769	34.3	6.7	18.0	
2009 11 25		13 47.64	+04 13.1	5.482	4.787	41.4	7.8	18.0	
2009 12 05		13 56.10	+03 41.1	5.395	4.805	48.9	8.9	18.0	
2009 12 15		14 04.03	+03 15.9	5.293	4.823	56.6	9.8	18.0	
2009 12 25		14 11.32	+02 58.1	5.180	4.841	64.6	10.6	17.9	
2010 01 04		14 17.85	+02 47.8	5.057	4.859	72.8	11.1	17.9	
2010 01 14		14 23.50	+02 45.5	4.928	4.877	81.3	11.5	17.8	
2010 01 24		14 28.13	+02 50.9	4.795	4.895	90.0	11.6	17.8	
2010 02 03		14 31.61	+03 04.0	4.662	4.914	99.0	11.4	17.8	
2010 02 13		14 33.86	+03 24.2	4.534	4.932	108.2	11.0	17.7	
2010 02 23		14 34.79	+03 50.6	4.415	4.951	117.5	10.2	17.7	
2010 03 05		14 34.37	+04 21.7	4.309	4.970	127.0	9.2	17.6	
2010 03 15		14 32.64	+04 55.9	4.220	4.988	136.5	7.9	17.6	
2010 03 25		14 29.70	+05 30.7	4.153	5.007	145.6	6.5	17.6	
2010 04 04		14 25.77	+06 03.7	4.110	5.026	153.8	5.0	17.6	
2010 04 14		14 21.12	+06 32.4	4.094	5.045	159.4	4.0	17.6	
2010 04 24		14 16.09	+06 54.3	4.107	5.064	160.2	3.9	17.6	
2010 05 04		14 11.04	+07 07.7	4.148	5.084	155.7	4.7	17.7	
2010 05 14		14 06.33	+07 11.5	4.216	5.103	148.2	6.0	17.7	
2010 05 24		14 02.27	+07 05.1	4.309	5.122	139.5	7.4	17.8	
2010 06 03		13 59.11	+06 49.0	4.424	5.141	130.5	8.6	17.8	
2010 06 13		13 56.99	+06 23.9	4.558	5.161	121.4	9.7	17.9	
2010 06 23		13 56.01	+05 50.7	4.706	5.180	112.5	10.4	18.0	
2010 07 03		13 56.18	+05 10.9	4.864	5.199	103.7	11.0	18.1	
2010 07 13		13 57.48	+04 25.6	5.029	5.219	95.1	11.2	18.2	
2010 07 23		13 59.85	+03 36.1	5.197	5.238	86.8	11.2	18.3	
2010 08 02		14 03.21	+02 43.3	5.363	5.258	78.6	10.9	18.4	
2010 08 12		14 07.46	+01 48.4	5.526	5.277	70.6	10.4	18.4	
2010 08 22		14 12.52	+00 52.2	5.683	5.297	62.8	9.8	18.5	
2010 09 01		14 18.29	−00 04.4	5.829	5.316	55.1	9.0	18.6	
2010 09 11		14 24.68	−01 00.9	5.964	5.336	47.5	8.0	18.6	
2010 09 21		14 31.60	−01 56.4	6.085	5.355	40.0	6.9	18.7	
2010 10 01		14 38.97	−02 50.5	6.189	5.374	32.8	5.8	18.8	

P/2004 HC ₁₈ (LINEAR)			Elements MPC 59601						
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		09 30.01	−13 00.3	3.089	3.430	101.9	16.3	22.5	
2009 12 15		09 30.83	−14 23.3	2.916	3.382	110.0	15.9	22.3	
2009 12 25		09 29.70	−15 37.9	2.754	3.334	118.2	15.1	22.1	

2010 01 04	09 26.54	−16 40.0	2.604	3.284	126.4	13.9	22.0		
2010 01 14	09 21.38	−17 24.9	2.472	3.235	134.2	12.6	21.8		
2010 01 24	09 14.46	−17 47.8	2.359	3.184	140.9	11.2	21.6		
2010 02 03	09 06.27	−17 44.8	2.270	3.133	145.6	10.2	21.4		
2010 02 13	08 57.53	−17 14.4	2.206	3.082	147.1	10.0	21.3		
2010 02 23	08 49.09	−16 17.5	2.168	3.030	144.7	10.9	21.3		
2010 03 05	08 41.82	−14 58.8	2.154	2.978	139.4	12.5	21.3		
2010 03 15	08 36.41	−13 24.7	2.163	2.925	132.2	14.6	21.3		
2010 03 25	08 33.36	−11 42.7	2.191	2.871	124.1	16.7	21.4		
2010 04 04	08 32.88	−10 00.2	2.234	2.818	115.9	18.6	21.5		
2010 04 14	08 34.98	−08 22.8	2.289	2.764	107.7	20.2	21.5		
2010 04 24	08 39.57	−06 55.0	2.351	2.710	99.8	21.4	21.6		
2010 05 04	08 46.43	−05 39.5	2.417	2.656	92.3	22.3	21.6		
2010 05 14	08 55.33	−04 37.9	2.484	2.601	85.1	22.8	21.6		
2010 05 24	09 06.07	−03 51.0	2.551	2.547	78.3	22.9	21.7		
2010 06 03	09 18.40	−03 18.9	2.613	2.492	71.9	22.8	21.7		
2010 06 13	09 32.16	−03 01.2	2.672	2.438	65.8	22.3	21.6		
2010 06 23	09 47.17	−02 57.6	2.724	2.384	60.0	21.7	21.6		
2010 07 03	10 03.30	−03 07.1	2.770	2.331	54.5	20.8	21.6		
2010 07 13	10 20.45	−03 28.9	2.809	2.278	49.2	19.7	21.5		
2010 07 23	10 38.52	−04 02.0	2.840	2.226	44.1	18.5	21.5		
2010 08 02	10 57.46	−04 45.2	2.864	2.175	39.2	17.2	21.4		
2010 08 12	11 17.24	−05 37.2	2.881	2.125	34.5	15.7	21.3		

94P/Russell			Elements MPC 59599						
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		10 16.19	+17 21.1	1.948	2.373	103.1	23.9	16.1	22.4
2009 12 15		10 25.81	+17 08.5	1.813	2.352	110.9	23.0	15.9	22.2
2009 12 25		10 33.33	+17 09.9	1.688	2.333	119.3	21.6	15.7	22.0
2010 01 04		10 38.44	+17 26.9	1.573	2.315	128.3	19.5	15.5	21.8
2010 01 14		10 40.85	+18 00.0	1.473	2.299	137.8	16.7	15.3	21.5
2010 01 24		10 40.36	+18 47.4	1.390	2.284	147.9	13.2	15.1	21.3
2010 02 03		10 37.12	+19 44.1	1.328	2.272	158.0	9.3	15.0	21.0
2010 02 13		10 31.60	+20 42.8	1.289	2.262	166.8	5.7	14.9	20.8
2010 02 23		10 24.72	+21 34.3	1.275	2.253	168.4	5.1	14.8	20.7
2010 03 05		10 17.76	+22 09.9	1.286	2.247	160.9	8.3	14.8	20.9
2010 03 15		10 11.96	+22 24.4	1.321	2.243	150.9	12.4	14.9	21.1
2010 03 25		10 08.34	+22 15.8	1.376	2.241	140.9	16.3	14.9	21.3
2010 04 04		10 07.48	+21 45.5	1.449	2.241	131.5	19.5	15.1	21.5
2010 04 14		10 09.51	+20 56.2	1.537	2.243	122.6	22.1	15.2	21.8
2010 04 24		10 14.29	+19 50.9	1.635	2.247	114.5	24.0	15.3	22.0
2010 05 04		10 21.49	+18 32.5	1.742	2.253	107.0	25.3	15.5	22.1
2010 05 14		10 30.71	+17 03.2	1.856	2.262	100.0	26.1	15.7	22.3
2010 05 24		10 41.60	+15 24.9	1.974	2.273	93.5	26.4	15.8	22.5

P/2008 CL ₉₄ (Lemmon)			Elements MPC 65645						
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		14 13.17	−12 53.1	6.892	6.138	37.4	5.6	20.1	
2009 12 15		14 19.45	−13 30.0	6.791	6.147	45.9	6.6	20.0	
2009 12 25		14 25.25	−14 03.8	6.672	6.155	54.6	7.5	20.0	
2010 01 04		14 30.44	−14 34.2	6.540	6.163	63.4	8.2	20.0	
2010 01 14		14 34.92	−15 00.9	6.397	6.172	72.5	8.7	19.9	
2010 01 24		14 38.58	−15 23.6	6.245	6.180	81.7	9.1	19.9	

2009 NOV. 2

M.P.C. 67497

2010 02 03	14 41.33	-15 42.1	6.090	6.188	91.1	9.2	19.8
2010 02 13	14 43.07	-15 56.1	5.936	6.196	100.8	9.0	19.8
2010 02 23	14 43.74	-16 05.6	5.786	6.205	110.7	8.6	19.7
2010 03 05	14 43.31	-16 10.3	5.647	6.213	120.8	7.9	19.7
2010 03 15	14 41.80	-16 10.4	5.522	6.221	131.1	6.9	19.6
2010 03 25	14 39.29	-16 06.1	5.416	6.229	141.6	5.7	19.6
2010 04 04	14 35.92	-15 57.6	5.334	6.237	152.3	4.3	19.6
2010 04 14	14 31.89	-15 45.8	5.279	6.246	163.1	2.7	19.6
2010 04 24	14 27.44	-15 31.5	5.253	6.254	174.0	1.0	19.6
2010 05 04	14 22.86	-15 15.9	5.257	6.262	175.0	0.8	19.6
2010 05 14	14 18.43	-15 00.2	5.291	6.270	164.3	2.5	19.6
2010 05 24	14 14.43	-14 45.9	5.354	6.278	153.7	4.1	19.6
2010 06 03	14 11.08	-14 34.1	5.443	6.286	143.3	5.5	19.7
2010 06 13	14 08.54	-14 25.8	5.556	6.294	133.1	6.8	19.7
2010 06 23	14 06.94	-14 21.7	5.688	6.302	123.2	7.8	19.8
2010 07 03	14 06.33	-14 22.4	5.835	6.310	113.5	8.5	19.8
2010 07 13	14 06.72	-14 27.9	5.993	6.318	104.1	9.0	19.9
2010 07 23	14 08.10	-14 38.3	6.157	6.326	94.9	9.2	20.0
2010 08 02	14 10.40	-14 53.2	6.323	6.334	86.0	9.2	20.0
2010 08 12	14 13.58	-15 12.3	6.488	6.341	77.2	9.0	20.1
2010 08 22	14 17.56	-15 35.2	6.647	6.349	68.7	8.5	20.1
2010 09 01	14 22.24	-16 01.3	6.798	6.357	60.2	7.9	20.2
2010 09 11	14 27.57	-16 30.2	6.936	6.365	51.9	7.2	20.2
2010 09 21	14 33.46	-17 01.2	7.061	6.372	43.7	6.2	20.3
2010 10 01	14 39.81	-17 33.8	7.169	6.380	35.5	5.2	20.3

C/2002 VQ ₉₄ (LINEAR)								Elements MPC 59874	
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		14 22.23	-11 14.5	11.726	10.943	36.0	3.0	20.3	
2009 12 15		14 24.71	-11 42.1	11.657	10.987	45.3	3.7	20.4	
2009 12 25		14 26.83	-12 07.7	11.568	11.032	54.9	4.2	20.4	
2010 01 04		14 28.52	-12 31.1	11.463	11.076	64.5	4.6	20.4	
2010 01 14		14 29.70	-12 52.1	11.346	11.120	74.3	4.9	20.4	
2010 01 24		14 30.33	-13 10.6	11.220	11.165	84.3	5.0	20.4	
2010 02 03		14 30.37	-13 26.6	11.092	11.209	94.3	5.0	20.4	
2010 02 13		14 29.79	-13 40.0	10.966	11.254	104.5	4.9	20.4	
2010 02 23		14 28.59	-13 50.8	10.847	11.298	114.8	4.6	20.3	
2010 03 05		14 26.79	-13 59.0	10.742	11.343	125.2	4.1	20.3	
2010 03 15		14 24.44	-14 04.9	10.654	11.388	135.7	3.5	20.3	
2010 03 25		14 21.61	-14 08.5	10.589	11.432	146.3	2.8	20.2	
2010 04 04		14 18.41	-14 10.4	10.550	11.477	156.9	2.0	20.1	
2010 04 14		14 14.94	-14 10.8	10.540	11.522	167.5	1.1	20.1	
2010 04 24		14 11.35	-14 10.2	10.561	11.566	177.9	0.2	20.0	
2010 05 04		14 07.77	-14 09.2	10.614	11.611	171.2	0.8	20.1	
2010 05 14		14 04.33	-14 08.2	10.697	11.656	160.8	1.6	20.2	
2010 05 24		14 01.15	-14 08.0	10.809	11.701	150.5	2.4	20.3	
2010 06 03		13 58.33	-14 09.0	10.948	11.746	140.2	3.2	20.4	
2010 06 13		13 55.97	-14 11.5	11.110	11.791	130.1	3.8	20.4	
2010 06 23		13 54.11	-14 16.0	11.292	11.836	120.2	4.3	20.5	
2010 07 03		13 52.78	-14 22.8	11.488	11.881	110.4	4.6	20.6	
2010 07 13		13 52.02	-14 31.9	11.694	11.926	100.8	4.8	20.6	
2010 07 23		13 51.80	-14 43.5	11.905	11.971	91.3	4.9	20.7	
2010 08 02		13 52.11	-14 57.6	12.117	12.016	81.9	4.8	20.7	

2010 08 12	13 52.93	-15 13.9	12.325	12.061	72.6	4.6	20.8
2010 08 22	13 54.20	-15 32.5	12.525	12.106	63.4	4.3	20.8
2010 09 01	13 55.89	-15 53.2	12.713	12.151	54.3	3.9	20.8
2010 09 11	13 57.93	-16 15.7	12.885	12.196	45.2	3.4	20.8
2010 09 21	14 00.28	-16 39.7	13.037	12.242	36.2	2.8	20.8

C/2009 F5 (McNaught)								Elements MPC 66204	
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		15 29.51	+07 19.3	5.421	4.649	35.0	7.0	20.3	
2009 12 15		15 37.29	+08 06.6	5.418	4.728	41.7	8.0	20.4	
2009 12 25		15 44.58	+09 03.4	5.398	4.808	48.8	8.9	20.5	
2010 01 04		15 51.25	+10 10.0	5.362	4.887	56.4	9.6	20.5	
2010 01 14		15 57.19	+11 26.9	5.315	4.966	64.1	10.3	20.6	
2010 01 24		16 02.25	+12 54.0	5.260	5.045	72.1	10.7	20.6	
2010 02 03		16 06.31	+14 30.9	5.200	5.123	80.1	10.9	20.7	
2010 02 13		16 09.23	+16 16.8	5.139	5.202	88.2	10.9	20.7	
2010 02 23		16 10.90	+18 10.2	5.081	5.280	96.2	10.7	20.8	
2010 03 05		16 11.21	+20 08.9	5.032	5.359	103.9	10.3	20.8	
2010 03 15		16 10.11	+22 10.3	4.996	5.437	111.3	9.8	20.8	
2010 03 25		16 07.56	+24 10.9	4.975	5.515	118.0	9.2	20.9	
2010 04 04		16 03.65	+26 06.7	4.975	5.592	123.7	8.6	21.0	

C/2008 FK ₇₅ (Lemmon-Siding Spring)								Elements MPC 64767	
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 05		16 25.66	+08 06.7	5.927	5.106	30.8	5.7	15.9	
2009 12 15		16 35.37	+08 39.1	5.850	5.070	34.5	6.3	15.9	
2009 12 25		16 45.14	+09 21.0	5.757	5.034	39.3	7.1	15.8	
2010 01 04		16 54.86	+10 13.1	5.650	5.000	44.7	8.0	15.7	
2010 01 14		17 04.44	+11 16.0	5.533	4.966	50.6	8.8	15.7	
2010 01 24		17 13.76	+12 30.3	5.405	4.933	56.7	9.6	15.6	
2010 02 03		17 22.70	+13 56.1	5.271	4.902	62.9	10.3	15.5	
2010 02 13		17 31.14	+15 33.5	5.133	4.871	69.2	10.9	15.4	
2010 02 23		17 38.93	+17 22.3	4.993	4.842	75.5	11.4	15.3	
2010 03 05		17 45.95	+19 21.7	4.855	4.813	81.7	11.8	15.3	
2010 03 15		17 52.06	+21 30.7	4.722	4.786	87.7	12.0	15.2	
2010 03 25		17 57.09	+23 47.7	4.595	4.760	93.4	12.1	15.1	
2010 04 04		18 00.93	+26 10.2	4.478	4.735	98.8	12.0	15.0	
2010 04 14		18 03.44	+28 35.6	4.373	4.711	103.7	11.9	14.9	
2010 04 24		18 04.51	+31 00.2	4.281	4.689	107.9	11.8	14.9	
2010 05 04		18 04.09	+33 20.2	4.204	4.668	111.4	11.6	14.8	
2010 05 14		18 02.20	+35 31.3	4.144	4.648	114.0	11.5	14.8	
2010 05 24		17 58.91	+37 29.1	4.099	4.629	115.7	11.4	14.7	
2010 06 03		17 54.47	+39 09.9	4.071	4.611	116.3	11.4	14.7	
2010 06 13		17 49.18	+40 30.5	4.058	4.595	116.0	11.5	14.7	
2010 06 23		17 43.47	+41 28.9	4.059	4.581	114.9	11.6	14.7	
2010 07 03		17 37.85	+42 04.5	4.073	4.567	113.0	11.8	14.6	
2010 07 13		17 32.78	+42 18.0	4.099	4.555	110.5	12.1	14.6	
2010 07 23		17 28.73	+42 11.3	4.134	4.545	107.6	12.3	14.7	
2010 08 02		17 26.04	+41 47.2	4.176	4.536	104.3	12.5	14.7	
2010 08 12		17 24.94	+41 08.8	4.225	4.528	100.9	12.7	14.7	
2010 08 22		17 25.58	+40 19.6	4.279	4.522	97.4	12.8	14.7	
2010 09 01		17 27.96	+39 23.1	4.336	4.517	93.8	12.9	14.7	
2010 09 11		17 32.06	+38 22.1	4.396	4.513	90.2	12.9	14.8	

2010 09 21	17 37.79	+37 19.6	4.457	4.512	86.7	12.8	14.8
2010 10 01	17 45.04	+36 18.1	4.519	4.511	83.2	12.7	14.8
2010 10 11	17 53.66	+35 19.5	4.580	4.512	79.8	12.6	14.8
2010 10 21	18 03.52	+34 25.8	4.641	4.514	76.5	12.4	14.9
2010 10 31	18 14.48	+33 38.4	4.702	4.518	73.3	12.2	14.9
2010 11 10	18 26.39	+32 58.6	4.761	4.524	70.3	11.9	14.9
2010 11 20	18 39.13	+32 27.3	4.819	4.530	67.3	11.6	15.0
2010 11 30	18 52.53	+32 05.3	4.875	4.539	64.5	11.3	15.0
2010 12 10	19 06.49	+31 53.0	4.930	4.548	61.8	11.0	15.0

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2004 TZ ₈₅	2009 10 19.0	01 34.95	+08 42.3	20.8	-0.81	- 5.3	0.4/18.6	64230
2002 CJ ₂₂₈	2009 10 19.0	01 34.97	+21 11.5	19.0	-0.52	- 3.2	2.0/22.8	64181
2004 VW ₄₇	2009 10 19.0	01 34.99	-07 25.4	18.5	-0.86	- 0.6	6.6/14.4	64235
2005 VE ₁₅	2009 10 19.0	01 35.01	-10 40.5	19.5	-1.30	+ 4.7	7.4/15.3	64272
2008 FY ₁₀₄	2009 10 19.0	01 35.07	+02 52.3	19.0	-1.05	- 2.2	3.2/17.2	63849
2001 FY ₁₅₇	2009 10 19.0	01 35.08	+01 12.9	20.9	-0.81	- 1.9	2.3/16.6	64160
2007 BO ₅₇	2009 10 19.0	01 35.10	+21 03.2	20.0	-1.10	- 1.9	5.2/21.9	18191
2004 TP ₁₃₉	2009 10 19.0	01 35.13	+19 36.8	18.9	-0.77	- 7.4	3.8/22.3	63689
2001 VW ₈₄	2009 10 19.0	01 35.14	+27 32.7	18.8	-0.89	- 9.2	6.5/25.3	64170
2007 AM ₁₄	2009 10 19.0	01 35.16	+07 33.1	20.2	-0.96	- 6.0	0.9/18.3	64302
2003 ST ₃₂₄	2009 10 19.0	01 35.20	+13 41.3	20.4	-0.82	- 3.6	1.2/20.2	37995
2000 SH ₃₆₇	2009 10 19.0	01 35.20	+30 53.1	19.5	-0.97	- 6.0	7.6/26.2	63613
2006 DP ₂₀₂	2009 10 19.0	01 35.23	+05 26.0	19.6	-0.84	- 2.3	1.3/17.8	64294
2009 SC ₁₃₃	2009 10 19.0	01 35.24	+04 38.7	20.6	-0.80	- 5.8	1.7/17.4	64382
2008 HJ ₃₅	2009 10 19.0	01 35.27	-07 53.5	20.0	-1.01	- 1.9	7.4/14.4	64332
2007 FM ₃₄	2009 10 19.0	01 35.30	+06 01.7	19.9	-1.00	- 0.8	1.4/18.1	64317
2009 RL ₅₀	2009 10 19.0	01 35.31	+09 01.2	20.9	-0.71	- 6.5	0.3/18.8	63940
2002 SU ₆	2009 10 19.0	01 35.33	+04 47.0	19.7	-0.95	- 6.0	2.3/17.6	63636
1998 SX ₁₁₈	2009 10 19.0	01 35.33	+13 56.9	18.7	-0.95	- 0.4	1.4/20.1	64147
2001 XK ₁₃₇	2009 10 19.0	01 35.34	+35 43.4	19.7	-0.92	- 9.5	8.9/28.8	64174
2005 TM ₁₆₄	2009 10 19.0	01 35.34	+11 37.5	20.4	-1.16	- 0.1	0.7/19.5	64260
2009 SG ₅₈	2009 10 19.0	01 35.38	+15 31.7	19.7	-0.76	- 7.4	1.8/21.0	63966
2005 QA ₇	2009 10 19.0	01 35.39	-00 03.0	19.8	-0.86	- 7.9	4.0/15.9	64246
2006 VZ ₅₉	2009 10 19.0	01 35.39	-05 06.9	20.6	-1.10	- 1.9	6.0/15.4	22855
2006 DO ₁₉₇	2009 10 19.0	01 35.42	+48 50.7	21.9	-1.14	- 0.7	8.8/31.5	56041
2005 OQ ₆	2009 10 19.1	01 35.35	+04 37.6	19.3	-0.96	- 4.0	2.3/17.6	64245
2008 FP ₇₉	2009 10 19.1	01 35.40	+13 38.5	21.9	-1.11	- 3.8	1.4/20.1	56130
2006 WO ₂₀	2009 10 19.1	01 35.41	+04 08.9	20.8	-0.97	- 6.1	2.1/17.4	64299
2007 HE ₇	2009 10 19.1	01 35.46	-09 00.5	20.6	-0.76	- 2.6	4.8/13.5	20629
2005 SG ₁₃₂	2009 10 19.1	01 35.47	+16 47.2	18.0	-0.78	-10.8	2.8/21.6	64255
2009 SM ₄₅	2009 10 19.1	01 35.48	+17 43.9	19.1	-0.97	- 2.2	3.3/21.2	63962
2007 EF ₉₈	2009 10 19.1	01 35.49	-05 58.2	20.3	-0.79	- 9.4	5.1/13.6	59791
2009 SJ ₂₈₇	2009 10 19.1	01 35.51	+14 36.2	19.9	-0.73	- 9.7	1.5/20.8	64039
2005 WZ ₁₇₈	2009 10 19.1	01 35.52	-13 49.7	19.4	-0.90	- 3.7	8.8/11.7	64277
2005 UT ₅₀₉	2009 10 19.1	01 35.52	+15 20.4	19.7	-0.98	- 3.9	1.9/20.6	64271
2000 SP ₉₇	2009 10 19.1	01 35.56	+12 12.5	19.0	-0.82	- 7.2	0.8/19.9	64155
2004 XH ₁₃₀	2009 10 19.1	01 35.58	+36 12.9	19.0	-0.96	- 2.0	8.5/27.1	64238
2007 DE ₅₆	2009 10 19.1	01 35.58	-06 33.1	20.3	-0.80	- 6.4	5.2/13.8	19362
2009 TP ₁₇	2009 10 19.1	01 35.58	-06 08.8	19.2	-0.71	-10.3	6.6/13.3	64061

2004 GC ₂₀	2009 10 19.1	01 35.59 +11 17.5	20.2	-0.96	- 6.1	0.5/19.6	64218
2005 WH ₁₅₆	2009 10 19.1	01 35.59 +13 53.0	18.4	-0.74	-12.2	1.6/20.6	64277
2005 LQ ₂₂	2009 10 19.1	01 35.61 +02 33.0	20.6	-0.99	- 5.2	2.9/17.1	64242
2006 TT ₄₄	2009 10 19.1	01 35.62 +10 29.7	19.0	-0.97	- 6.5	0.3/19.3	64297
2005 QM ₄₆	2009 10 19.1	01 35.62 +03 08.4	20.8	-0.96	- 5.0	2.6/17.2	64247
2005 LH ₂₃	2009 10 19.1	01 35.64 -01 39.8	19.1	-0.99	- 2.7	5.4/16.2	63706
2008 DL ₂₁	2009 10 19.1	01 35.67 +06 05.4	20.1	-1.07	- 4.2	1.5/18.1	64324
1998 RM ₉	2009 10 19.1	01 35.69 +17 50.1	20.0	-1.06	- 2.7	3.6/21.3	63599
1996 RY ₃₀	2009 10 19.1	01 35.69 +25 15.0	19.6	-0.60	- 1.6	2.8/24.0	64145
2007 GY ₆₇	2009 10 19.1	01 35.71 +12 15.4	21.4	-0.89	- 6.3	0.8/19.9	64320
2009 SQ ₃₃₇	2009 10 19.1	01 35.73 +21 32.3	18.6	-0.70	- 9.1	5.2/23.4	64049
2002 CF ₂	2009 10 19.2	01 35.74 -16 59.2	19.4	-0.86	- 2.8	9.3/10.9	62339
2005 UV ₁₃₃	2009 10 19.2	01 35.75 +14 30.1	20.2	-1.00	- 3.2	1.5/20.4	61964
2005 UD ₃₀₈	2009 10 19.2	01 35.76 +10 38.9	19.6	-0.89	- 4.6	0.3/19.4	64268
2005 WM ₂₄	2009 10 19.2	01 35.77 -00 21.3	20.3	-1.00	- 1.0	3.9/16.6	63760
2008 JX ₁₃	2009 10 19.2	01 35.78 +04 06.1	19.5	-0.87	- 6.7	2.1/17.4	64333
2008 GH ₈₄	2009 10 19.2	01 35.78 +03 03.7	20.1	-1.03	- 2.1	3.2/17.5	63853
2005 UQ ₄₃₁	2009 10 19.2	01 35.80 +07 04.8	20.6	-0.87	- 5.6	1.0/18.3	64270
2007 GT ₄₁	2009 10 19.2	01 35.81 +09 36.9	20.1	-0.76	- 4.2	0.1/19.1	62518
2006 AA ₂₃	2009 10 19.2	01 35.83 +27 42.3	20.8	-0.89	- 4.5	5.5/24.9	62474
2009 SY ₂₇₀	2009 10 19.2	01 35.83 +17 08.8	19.9	-1.05	- 3.7	2.7/21.2	64033
2004 GE ₃₈	2009 10 19.2	01 35.85 +13 15.0	20.1	-0.90	-13.4	1.1/20.4	61890
2009 RP ₅₀	2009 10 19.2	01 35.88 +08 44.4	19.0	-0.76	- 6.7	0.5/18.8	63940
2004 TK ₅₇	2009 10 19.2	01 35.89 +11 30.5	20.5	-0.83	- 4.9	0.5/19.7	64230
2002 AS ₆₈	2009 10 19.2	01 35.89 +06 33.6	20.3	-0.88	- 4.7	1.3/18.2	64178
2009 SP ₂₉₃	2009 10 19.2	01 35.90 +13 21.6	18.9	-0.90	- 5.8	1.7/20.3	64041
2005 VF ₈₁	2009 10 19.2	01 35.94 +21 03.3	20.3	-0.85	- 7.3	3.4/22.9	96403
2002 WY ₂₆	2009 10 19.2	01 35.97 +05 36.2	19.5	-0.87	+ 0.2	2.5/18.2	63649
2008 HX ₂₁	2009 10 19.2	01 36.01 -00 06.7	19.3	-1.02	+ 0.4	3.8/16.9	64332
2007 DK ₈₀	2009 10 19.2	01 36.02 +01 47.2	21.0	-0.84	- 5.8	2.6/16.8	64309
2008 GH ₁₂₈	2009 10 19.2	01 36.03 -22 44.8	21.3	-0.84	- 6.4	8.8/08.1	40593
2005 WE ₁₉₀	2009 10 19.2	01 36.14 +07 30.0	18.9	-0.77	-11.7	0.9/18.4	64278
2004 VE ₈₈	2009 10 19.2	01 36.15 +08 31.4	20.4	-0.84	- 2.3	0.4/18.9	64236
2005 WP ₁₀₃	2009 10 19.2	01 36.15 -13 02.3	19.4	-1.02	+ 1.6	9.5/13.7	63767
2002 EY ₁₀₁	2009 10 19.3	01 36.11 -01 06.0	20.5	-0.87	- 2.9	3.3/16.2	62344
2005 VG ₁₁₂	2009 10 19.3	01 36.12 +17 38.3	19.7	-0.85	- 6.0	3.4/21.7	64273
2009 SL ₃₉	2009 10 19.3	01 36.14 +13 39.4	19.1	-0.95	- 2.6	1.3/20.3	64369
2006 YC ₅₁	2009 10 19.3	01 36.18 +04 27.7	19.8	-0.98	- 5.0	2.3/17.7	64302
2005 WT ₅	2009 10 19.3	01 36.19 +31 58.7	20.1	-0.89	-10.9	7.6/27.6	97977
2008 QH ₃₇	2009 10 19.3	01 36.21 +23 14.5	20.0	-0.61	- 1.6	2.6/23.4	64336
2006 DJ ₂₆	2009 10 19.3	01 36.21 +24 31.0	20.5	-0.87	- 2.8	4.4/23.6	09518
2005 WO ₃₃	2009 10 19.3	01 36.22 +27 59.2	18.8	-0.85	- 8.4	7.0/25.7	97983
2005 YG ₁₃₂	2009 10 19.3	01 36.24 +11 24.4	20.6	-0.82	- 4.7	0.4/19.8	64283
2009 SW ₂₀	2009 10 19.3	01 36.24 +01 18.4	19.7	-0.88	- 6.0	3.5/16.7	64366
2002 CN ₇₀	2009 10 19.3	01 36.28 +00 22.7	19.6	-0.81	- 5.3	3.2/16.4	64180
2001 WJ ₉₁	2009 10 19.3	01 36.37 -01 13.6	18.1	-1.11	+ 3.5	5.2/17.1	64172
2005 ND ₈₅	2009 10 19.3	01 36.39 +01 46.6	18.4	-0.76	-10.1	3.8/16.5	64244
2006 DE ₁₁₀	2009 10 19.3	01 36.40 +05 24.2	20.7	-0.72	- 6.7	1.3/17.9	64293
2009 TX ₂	2009 10 19.3	01 36.43 +00 02.6	19.6	-0.89	- 1.2	3.4/16.7	64053
2000 UW ₈₁	2009 10 19.3	01 36.44 +03 53.9	18.4	-1.10	+ 3.2	2.7/18.1	63614
2008 HM ₄₄	2009 10 19.3	01 36.47 +06 49.2	22.3	-0.93	- 5.7	1.0/18.4	56131

2003 ED ₃₇	2009 10 19.3	01 36.47 -06 07.6 19.7	-0.99 - 1.5	5.5/15.2	64202
2003 SE ₁₅₉	2009 10 19.3	01 36.48 -01 12.6 20.5	-0.69 - 9.4	3.1/15.4	58455
2009 RN ₆₅	2009 10 19.3	01 36.48 -21 15.4 18.9	-0.49 - 6.4	15.6/05.6	63947
2004 ET ₆	2009 10 19.3	01 36.51 +07 52.4 20.7	-0.92 - 7.4	0.8/18.7	62386
1993 RS ₇	2009 10 19.3	01 36.51 +09 19.9 18.6	-0.76 - 5.3	0.3/19.2	63596
2007 BD ₁₀₁	2009 10 19.3	01 36.54 -00 09.6 20.7	-0.94 - 5.9	3.9/16.3	63812
2003 SH ₃₄	2009 10 19.4	01 36.46 +08 54.2 20.2	-0.77 - 4.1	0.3/19.1	64207
2003 AZ ₃₆	2009 10 19.4	01 36.47 +19 54.9 18.3	-0.89 - 7.5	4.5/22.6	64199
2002 KR ₁	2009 10 19.4	01 36.48 +13 26.3 20.7	-0.79 - 4.2	0.9/20.4	64186
2003 GV ₄₂	2009 10 19.4	01 36.49 -11 20.1 20.5	-0.90 - 2.9	6.7/13.2	21794
2006 WA ₁₀₄	2009 10 19.4	01 36.51 +02 51.9 20.5	-1.03 - 4.3	2.7/17.4	64300
2002 PY ₁₈₆	2009 10 19.4	01 36.53 +11 36.5 20.1	-1.08 - 4.3	0.7/19.8	62351
2005 BK ₁₉	2009 10 19.4	01 36.54 +52 45.6 19.0	-1.24 + 0.9	14.1/02.8	47339
2006 DG ₈	2009 10 19.4	01 36.54 +02 26.3 20.6	-0.71 - 6.2	2.0/16.9	64292
2009 SB ₁₃₂	2009 10 19.4	01 36.58 +05 34.9 20.5	-0.48 - 3.2	0.8/18.0	64382
2009 SZ ₂₁₁	2009 10 19.4	01 36.58 +10 33.7 20.5	-0.50 - 3.4	0.1/19.6	64016
2005 RN ₂₁	2009 10 19.4	01 36.60 +11 43.8 19.8	-0.95 - 8.3	0.6/20.0	64251
2006 FX ₄₅	2009 10 19.4	01 36.69 +00 10.6 19.8	-0.95 + 0.2	2.7/17.0	64295
2001 XT ₂₃₇	2009 10 19.4	01 36.70 +33 07.9 18.6	-0.85 - 8.0	10.0/28.2	64175
2001 XT ₅₇	2009 10 19.4	01 36.72 +15 59.3 19.5	-0.86 - 7.4	2.2/21.3	64173
2004 YG ₃₂	2009 10 19.4	01 36.75 +10 28.3 18.8	-1.17 + 2.5	0.1/19.5	64239
2007 EU ₂₁₇	2009 10 19.4	01 36.77 +07 01.6 20.7	-0.82 - 7.6	1.0/18.5	63829
2007 DR ₂₀	2009 10 19.4	01 36.80 +00 31.7 21.3	-0.83 - 5.9	3.0/16.5	63816
2003 GM ₉	2009 10 19.4	01 36.97 +21 37.5 19.8	-1.78 + 5.4	5.5/21.3	64203
2007 CT ₂₂	2009 10 19.5	01 36.89 -05 22.5 20.1	-0.89 - 7.6	5.4/14.5	64305
2006 YK ₁₉	2009 10 19.5	01 36.90 -08 52.2 20.5	-0.95 - 4.3	7.1/13.9	15972
2006 AE ₇₈	2009 10 19.5	01 36.91 +32 27.6 20.6	-0.87 - 4.0	6.0/26.8	42792
2008 RU ₅₅	2009 10 19.5	01 36.98 +15 47.3 19.4	-0.53 - 3.5	1.2/21.4	64336
2006 BE ₁₈₉	2009 10 19.5	01 36.99 +10 52.7 20.4	-0.81 - 3.2	0.2/19.8	02280
2008 RA ₁₂₅	2009 10 19.5	01 37.00 -04 11.3 20.4	-0.47 - 4.7	2.6/14.6	58159
2007 DX ₁₁₁	2009 10 19.5	01 37.01 +07 32.4 19.9	-0.90 - 5.7	1.1/18.8	64310
2003 QT ₂₉	2009 10 19.5	01 37.01 +00 40.3 20.3	-0.71 - 6.7	3.0/16.4	74264
2002 GC ₁₃₇	2009 10 19.5	01 37.01 +20 31.7 18.8	-0.75 -11.7	3.0/23.4	64185
2009 SS ₃₅	2009 10 19.5	01 37.03 +14 01.0 19.8	-0.86 - 2.8	1.2/20.7	62206
2003 BS ₁₆	2009 10 19.5	01 37.03 +24 09.4 20.7	-1.02 - 2.8	4.3/23.5	18038
1999 VE ₁₂₁	2009 10 19.5	01 37.06 +09 13.2 19.5	-0.91 - 2.2	0.3/19.3	64150
2007 CH ₄₅	2009 10 19.5	01 37.07 +10 23.4 19.9	-1.04 - 4.2	0.1/19.6	64306
2003 AB ₅₇	2009 10 19.5	01 37.10 +01 16.5 19.5	-0.97 - 4.2	3.4/17.1	64200
2009 SW ₁₆₃	2009 10 19.5	01 37.11 +17 14.5 19.6	-0.87 - 5.6	2.6/21.8	64002
2007 FQ ₂₇	2009 10 19.5	01 37.11 +08 11.3 20.1	-0.82 - 6.3	0.7/19.0	64317
2004 RQ ₂₇₀	2009 10 19.5	01 37.11 +05 55.3 20.1	-0.81 - 5.9	1.4/18.3	62401
2007 BN ₅₆	2009 10 19.5	01 37.13 +21 04.4 20.3	-1.07 - 3.8	4.2/22.6	64304
2005 UF ₁₀₂	2009 10 19.5	01 37.13 -00 54.1 19.1	-1.01 + 1.0	5.0/17.1	64263
2007 GM ₁₆	2009 10 19.5	01 37.21 +12 31.8 22.0	-0.77 - 4.3	0.6/20.3	26266
2005 SY ₂₃₇	2009 10 19.5	01 37.22 +13 29.1 19.7	-0.95 - 3.9	1.4/20.5	64257
2007 EW ₁₃	2009 10 19.5	01 37.26 +10 05.2 21.1	-0.82 - 5.1	0.0/19.6	40178
2005 SO ₂₈₃	2009 10 19.5	01 37.27 -07 41.8 20.1	-0.84 - 5.9	6.7/13.9	64257
2007 HW ₉₅	2009 10 19.6	01 37.20 +03 38.7 22.2	-0.75 - 3.4	1.6/17.7	41344
2006 DX ₂₀₄	2009 10 19.6	01 37.20 -06 30.1 21.5	-0.87 - 1.1	4.5/15.1	01452
2008 GN ₆₈	2009 10 19.6	01 37.27 +01 38.6 20.8	-0.94 - 4.6	2.9/17.2	63853
2005 UN ₄₁₅	2009 10 19.6	01 37.29 +00 40.1 20.9	-1.02 - 0.1	3.9/17.4	63749

2006 XQ ₆₉	2009 10 19.6	01 37.29 -13 02.4 19.7	-0.81 - 6.5	8.0/11.8	64301
2005 SH ₁₅₀	2009 10 19.6	01 37.31 +07 17.4 20.0	-0.91 - 3.7	1.2/18.8	63728
2005 VB ₇₄	2009 10 19.6	01 37.31 +09 55.5 18.2	-0.70 - 8.6	0.1/19.6	63756
2007 DW ₃₄	2009 10 19.6	01 37.35 -07 09.7 20.2	-0.79 - 9.7	6.4/13.5	21876
2002 QQ ₈₁	2009 10 19.6	01 37.35 -02 40.9 20.4	-0.98 - 5.6	5.0/15.9	58434
2005 YY ₂₄₄	2009 10 19.6	01 37.35 +06 01.3 20.9	-0.76 - 4.2	1.1/18.4	62473
2005 WX ₂₀	2009 10 19.6	01 37.40 +21 27.5 19.5	-0.88 - 6.3	3.8/23.3	64274
2005 GT ₄₈	2009 10 19.6	01 37.45 +08 09.2 20.1	-1.12 - 3.1	0.9/19.1	64241
2003 SX ₄₃₁	2009 10 19.6	01 37.46 +11 23.4 20.6	-0.72 - 6.9	0.4/20.1	64211
2007 JH ₃₁	2009 10 19.6	01 37.49 +05 37.2 20.8	-0.88 - 0.9	1.2/18.5	40180
2005 JH ₄₈	2009 10 19.6	01 37.50 -00 45.2 20.0	-1.02 - 5.1	4.4/16.6	64241
2006 PW ₅	2009 10 19.6	01 37.50 -32 48.9 20.5	-1.04 - 5.0	18.4/04.0	59109
2002 EN ₁₀₀	2009 10 19.6	01 37.55 +01 41.1 20.5	-0.79 - 6.4	2.6/17.0	64183
2002 RZ ₃₂	2009 10 19.6	01 37.56 +15 44.4 19.1	-0.90 - 4.5	2.9/21.3	64190
2002 AO ₁₅	2009 10 19.6	01 37.58 +35 24.8 18.2	-0.99 - 3.4	11.0/28.0	64177
2001 VJ ₁₀₉	2009 10 19.6	01 37.59 -17 08.4 20.5	-1.21 + 1.1	9.2/12.7	19555
2002 CV ₂₈₆	2009 10 19.6	01 37.59 +02 29.9 19.6	-0.88 - 3.5	2.6/17.5	64181
2003 EK ₆₂	2009 10 19.6	01 37.59 -10 59.3 21.2	-0.83 - 4.3	6.0/13.2	40113
2009 CM ₃₇	2009 10 19.6	01 37.59 +00 33.9 19.0	-0.85 - 7.8	4.1/16.6	64349
2006 XL ₁	2009 10 19.6	01 37.64 +16 49.6 20.0	-1.03 - 6.7	3.1/21.7	64300
2005 YW ₁₈	2009 10 19.7	01 37.59 +11 36.0 19.9	-0.87 - 5.3	0.5/20.1	64280
2006 XR ₂₅	2009 10 19.7	01 37.59 -07 02.4 19.3	-1.07 - 1.4	8.1/15.2	64301
2007 BS ₅₃	2009 10 19.7	01 37.61 +11 17.9 20.1	-1.01 - 5.0	0.5/20.0	64304
2006 AP ₆₂	2009 10 19.7	01 37.62 +05 11.5 20.3	-0.79 - 3.7	1.5/18.3	64287
2003 QX ₇₆	2009 10 19.7	01 37.62 +36 46.5 19.7	-1.06 - 0.9	7.2/27.7	47254
2008 HD ₃₈	2009 10 19.7	01 37.64 +04 45.1 18.0	-0.91 + 0.5	2.4/18.4	64332
2008 FH ₉₄	2009 10 19.7	01 37.67 +02 37.9 21.9	-0.84 - 5.8	2.4/17.4	41920
2003 BY ₅₆	2009 10 19.7	01 37.67 +12 30.9 20.4	-0.95 - 5.7	0.8/20.4	64200
2009 SK ₄₅	2009 10 19.7	01 37.68 +15 15.5 19.7	-0.84 - 6.4	2.0/21.3	63961
2009 SV ₅₈	2009 10 19.7	01 37.75 +17 06.1 19.9	-0.98 - 5.7	3.0/21.8	63966
2004 TG ₂₂	2009 10 19.7	01 37.79 +11 21.1 19.6	-0.79 - 6.9	0.4/20.1	64229
2007 EG ₁₄₆	2009 10 19.7	01 37.79 +08 28.3 21.5	-0.88 - 4.2	0.5/19.3	64315
2003 FB ₄₀	2009 10 19.7	01 37.81 +11 21.2 20.4	-0.89 - 3.9	0.4/20.1	64202
2005 VC ₁₃₆	2009 10 19.7	01 37.81 +01 37.8 20.8	-0.91 - 3.6	3.0/17.3	63759
2001 UB ₁₄₇	2009 10 19.7	01 37.83 +08 04.7 19.5	-0.95 - 3.4	0.9/19.2	64168
2005 XC ₃₅	2009 10 19.7	01 37.84 +02 48.9 19.1	-0.82 - 4.6	3.2/17.6	64279
2007 ED ₇₅	2009 10 19.7	01 37.85 +15 47.7 20.0	-0.87 - 2.7	1.7/21.3	64312
2003 SJ ₂₆₀	2009 10 19.7	01 37.85 +12 08.8 19.0	-0.75 - 5.8	0.7/20.4	63665
2007 HL ₂₉	2009 10 19.7	01 37.87 +07 17.1 20.4	-0.84 - 5.2	1.0/18.9	64320
2009 SK ₂₁₂	2009 10 19.7	01 37.89 +10 34.6 18.5	-0.83 - 3.0	0.2/19.9	64017
2008 OB ₁₅	2009 10 19.7	01 37.89 +26 42.6 20.0	-0.92 - 4.1	5.0/24.8	64335
2001 FU ₈₃	2009 10 19.7	01 37.90 +03 07.9 20.9	-0.94 - 8.3	2.7/17.6	64159
2001 WR ₁₀	2009 10 19.7	01 37.92 +29 15.9 19.4	-0.88 -15.1	6.4/27.3	64171
2005 SG ₂₆₈	2009 10 19.7	01 37.93 +20 37.1 19.5	-1.00 - 3.6	4.4/22.7	63731
2009 US	2009 10 19.7	01 37.95 +40 51.3 19.0	-1.22 -12.2	12.9/31.8	64069
2005 UM ₃₈₇	2009 10 19.7	01 37.95 +22 48.5 19.6	-0.78 -11.2	5.3/24.5	63749
2008 UA	2009 10 19.7	01 37.97 +30 04.4 19.8	-0.54 - 4.5	3.6/26.9	64339
2005 VT ₆₂	2009 10 19.7	01 37.97 +12 43.4 20.2	-0.95 - 6.0	1.0/20.5	64272
2008 CE ₂₀₄	2009 10 19.7	01 37.98 -00 07.1 19.0	-0.90 - 6.7	4.5/16.7	63842
2009 SY ₁₃₄	2009 10 19.7	01 38.01 +14 19.4 19.7	-1.00 - 2.7	1.7/20.9	63989
2007 CQ ₂₂	2009 10 19.7	01 38.01 +07 43.7 20.6	-0.95 - 5.3	0.9/19.1	62503

2000 BV ₁₃	2009 10 19.7	01 38.05 +19 34.5 20.1	-1.04	- 4.5	3.6/22.4	64151	2000 PT ₂₉	2009 10 20.0	01 38.73 +21 07.4 19.1	-1.14	- 0.1	4.3/22.7	63607
2001 QN ₂₃₄	2009 10 19.8	01 37.96 +42 54.8 19.7	-1.90	+ 4.9	16.2/27.0	64162	2006 BF ₁₈₈	2009 10 20.0	01 38.75 +24 48.8 19.6	-0.98	- 0.6	4.7/23.8	64290
2009 TS ₂₀	2009 10 19.8	01 37.96 +05 07.8 19.4	-0.86	- 7.8	2.3/18.2	64063	2006 YG ₄₃	2009 10 20.0	01 38.79 +34 26.7 20.4	-1.09	- 4.5	8.1/27.6	16377
2008 HB ₁₂	2009 10 19.8	01 37.96 +06 49.5 19.6	-1.14	+ 0.9	1.2/19.1	64332	2001 XN ₃₆	2009 10 20.0	01 38.79 +08 53.2 17.2	-1.08	+ 4.4	0.7/19.8	64173
2007 CW ₅₄	2009 10 19.8	01 38.01 +01 59.9 20.7	-0.90	- 4.2	2.6/17.5	63814	2006 AG ₁₅	2009 10 20.0	01 38.81 +26 36.1 20.5	-0.90	- 4.4	5.9/25.1	98075
2009 TT ₇	2009 10 19.8	01 38.03 -00 11.5 19.9	-0.60	- 0.4	1.9/16.8	64056	2004 DF ₁₂	2009 10 20.0	01 38.82 -00 46.9 18.5	-0.95	- 7.0	4.8/16.6	64215
2006 AB ₅₁	2009 10 19.8	01 38.04 +10 52.6 20.0	-0.82	- 5.2	0.2/20.0	64287	2006 VM ₁₄₆	2009 10 20.0	01 38.83 +01 36.4 18.4	-0.92	- 7.3	4.2/17.4	64299
2005 OS ₈	2009 10 19.8	01 38.16 +29 38.8 19.8	-0.85	- 6.5	9.6/26.9	63711	2004 RC ₁₈₈	2009 10 20.0	01 38.84 +23 03.7 18.8	-0.88	- 4.1	4.9/23.9	64225
2003 SV ₂₉₇	2009 10 19.8	01 38.17 +21 27.3 18.8	-0.70	- 9.7	4.0/23.9	64210	2005 VJ ₈₉	2009 10 20.0	01 38.84 +03 49.2 20.4	-0.86	- 5.7	2.4/18.1	64273
2005 XF ₈₄	2009 10 19.8	01 38.19 -03 04.7 20.4	-0.85	- 1.4	3.6/16.3	41835	2008 SY ₁₇₂	2009 10 20.0	01 38.87 +18 49.5 19.0	-0.50	- 5.8	1.6/23.1	64337
2005 UQ ₅₂₄	2009 10 19.8	01 38.19 +02 15.8 20.0	-0.89	- 3.5	3.3/17.6	63753	2006 BT ₁₄₂	2009 10 20.0	01 38.91 +23 39.7 21.2	-0.88	- 2.5	4.0/23.9	22809
2009 SC ₃₅	2009 10 19.8	01 38.19 +11 59.7 20.2	-0.69	- 6.7	0.5/20.4	63958	2001 SO ₁₈₄	2009 10 20.0	01 38.91 +36 40.7 20.4	-1.74	+ 2.3	12.4/25.8	37934
2005 YX ₂₇₃	2009 10 19.8	01 38.20 +35 54.7 20.6	-0.90	- 2.7	6.3/28.1	60857	1996 TH ₁₆	2009 10 20.0	01 38.92 +32 47.6 20.4	-0.64	- 1.1	4.0/27.2	57948
2002 CP ₁₅₈	2009 10 19.8	01 38.23 -01 35.7 20.2	-0.49	- 2.9	2.1/16.0	43147	2008 HK ₁₃	2009 10 20.0	01 38.92 +09 48.6 20.4	-1.02	- 7.1	0.2/19.9	64332
2007 GF ₃₆	2009 10 19.8	01 38.26 +02 06.4 19.3	-0.87	- 2.2	2.6/17.7	64318	2006 VO ₂₈	2009 10 20.0	01 38.93 +06 30.0 19.5	-1.10	+ 0.9	2.0/19.2	64299
2007 GC ₇₃	2009 10 19.8	01 38.26 +02 01.1 20.7	-0.88	- 2.4	2.5/17.6	63835	2002 RY ₂₆₆	2009 10 20.0	01 38.97 +09 12.4 20.0	-0.95	- 8.8	0.4/19.7	64192
2005 WB ₆₁	2009 10 19.8	01 38.27 +20 07.7 20.1	-0.90	- 5.9	3.6/22.9	01125	2001 VS ₇₂	2009 10 20.0	01 38.98 +11 37.3 20.0	-0.94	- 4.6	0.5/20.4	64170
2008 GP ₅₂	2009 10 19.8	01 38.28 +07 07.4 21.3	-0.95	- 7.3	1.2/18.9	64330	2007 ED ₁₀	2009 10 20.0	01 38.98 -05 43.1 21.7	-0.83	- 6.8	4.8/14.9	41864
2005 QN ₁₃₀	2009 10 19.8	01 38.29 +12 46.1 20.5	-1.05	- 3.0	0.9/20.5	64250	2006 BB ₁₆₆	2009 10 20.0	01 39.02 +09 31.5 19.5	-0.78	- 4.6	0.3/19.8	64290
2005 SY ₇₅	2009 10 19.8	01 38.30 +06 11.2 20.3	-0.88	- 7.7	1.5/18.6	64253	2002 XC ₁₅	2009 10 20.0	01 39.03 +14 29.9 19.6	-0.90	- 6.8	2.0/21.4	64198
2001 TH ₁₃	2009 10 19.8	01 38.32 +11 44.2 18.9	-1.04	-19.4	0.6/20.4	64165	2004 TV ₆₃	2009 10 20.0	01 39.05 +08 28.3 20.3	-0.77	- 6.0	0.5/19.5	64230
2006 YE ₃	2009 10 19.8	01 38.33 +24 53.1 19.7	-1.03	- 6.7	5.1/24.5	64301	2009 SV ₁₃₃	2009 10 20.0	01 39.07 +04 53.4 20.2	-0.85	- 4.5	1.9/18.5	64383
2007 DM ₉₈	2009 10 19.8	01 38.33 -04 47.4 22.3	-0.72	- 5.1	3.7/15.2	41321	2005 UF ₄₅₂	2009 10 20.0	01 39.11 +30 46.5 20.1	-0.89	- 5.8	6.5/26.8	55201
2006 CN ₆₅	2009 10 19.8	01 38.37 +05 31.7 19.8	-0.80	- 5.1	1.7/18.5	64292	2006 DP ₁₉₇	2009 10 20.0	01 39.11 +12 27.1 20.0	-0.71	- 7.5	0.6/20.8	64294
2002 CK ₂₁₆	2009 10 19.8	01 38.37 +19 37.8 19.6	-0.93	- 3.1	3.1/22.5	62342	2004 VC ₃₉	2009 10 20.0	01 39.11 -05 24.0 20.1	-0.86	- 0.7	4.4/16.0	19645
2002 EK ₅	2009 10 19.8	01 38.38 +16 05.7 20.5	-0.91	- 3.5	2.0/21.6	62343	2002 PR ₁₈₇	2009 10 20.0	01 39.12 +26 10.8 18.9	-1.08	- 3.4	7.9/24.8	63629
2005 UZ ₄₅₁	2009 10 19.8	01 38.38 +02 17.0 19.0	-0.86	- 4.4	3.3/17.6	64270	2002 RH ₁₅₆	2009 10 20.0	01 39.14 +13 24.4 20.8	-1.08	- 7.0	1.3/21.0	13938
2009 PF	2009 10 19.9	01 38.33 -24 20.7 18.9	-0.64	- 5.5	14.0/06.6	64343	2005 SJ ₂₃₁	2009 10 20.0	01 39.15 +11 02.9 19.8	-0.98	- 2.3	0.3/20.3	64257
2005 WT ₁₀₀	2009 10 19.9	01 38.36 +06 57.7 19.8	-0.89	- 4.0	1.3/19.0	64276	2004 XL ₇₇	2009 10 20.1	01 39.10 +21 39.5 19.1	-0.78	- 5.9	3.5/23.8	64238
2002 VR ₁₃₅	2009 10 19.9	01 38.43 +09 45.7 20.6	-1.00	- 4.6	0.2/19.8	64197	2002 GF ₁₇₀	2009 10 20.1	01 39.11 +14 04.1 20.9	-0.74	- 7.3	1.0/21.4	62347
2002 RV ₅₉	2009 10 19.9	01 38.45 +22 10.9 19.4	-1.03	- 5.2	5.6/24.0	63632	2006 YT ₈	2009 10 20.1	01 39.13 -02 02.6 19.5	-0.99	- 4.1	5.4/16.6	64301
2009 SQ ₄₀	2009 10 19.9	01 38.47 +12 12.3 19.8	-1.11	- 3.7	0.9/20.4	64369	2005 XB ₁₃	2009 10 20.1	01 39.14 +02 44.1 19.7	-0.83	- 4.7	2.4/17.9	64278
2005 WJ ₅₄	2009 10 19.9	01 38.49 +39 08.5 20.1	-1.05	-10.2	9.6/30.3	60851	2009 SJ ₁₃₁	2009 10 20.1	01 39.15 +08 13.8 19.5	-0.98	- 1.4	0.8/19.6	62220
2002 TZ ₃₃₁	2009 10 19.9	01 38.51 +04 08.8 21.2	-0.96	- 7.1	2.3/18.1	64194	2004 DC ₄₄	2009 10 20.1	01 39.18 -03 09.6 19.7	-0.99	- 4.3	5.3/16.3	62386
2007 EK ₂₀₅	2009 10 19.9	01 38.51 +02 32.1 20.1	-0.73	- 6.6	2.3/17.4	64316	2001 JS	2009 10 20.1	01 39.18 +09 51.6 20.8	-0.96	- 8.0	0.2/20.0	64160
2006 EU ₇₃	2009 10 19.9	01 38.52 +14 27.5 20.9	-0.67	- 2.3	0.9/21.2	64295	2004 SM ₂₃	2009 10 20.1	01 39.21 +11 12.8 20.5	-0.85	- 3.7	0.3/20.4	64228
2009 SG ₁₃₅	2009 10 19.9	01 38.52 +14 20.2 20.6	-1.03	- 5.2	1.6/21.1	63989	2007 DF	2009 10 20.1	01 39.27 +02 16.6 19.7	-1.01	- 4.2	3.1/17.9	64307
2009 SH ₁₉	2009 10 19.9	01 38.55 +03 07.1 18.9	-0.50	- 2.7	1.3/17.7	63953	2005 QB ₁₇₆	2009 10 20.1	01 39.29 +06 56.9 19.3	-1.03	- 2.1	1.4/19.3	64250
2009 RZ ₅₁	2009 10 19.9	01 38.55 +06 18.5 19.9	-0.73	- 7.4	1.2/18.6	63941	2007 GB ₆₂	2009 10 20.1	01 39.30 +16 25.8 20.8	-0.75	- 6.1	1.8/22.1	64319
2007 BM ₃₇	2009 10 19.9	01 38.56 +14 23.1 20.2	-0.96	- 5.4	1.5/21.2	63812	2005 YK ₂₃₆	2009 10 20.1	01 39.31 +16 26.8 20.6	-0.90	- 3.9	2.1/21.9	64285
2000 VE ₅₁	2009 10 19.9	01 38.56 +23 13.5 18.9	-0.84	- 7.9	4.4/24.3	64157	2009 SA ₂₅₂	2009 10 20.1	01 39.33 +17 00.0 20.8	-0.52	- 3.3	1.3/22.3	64028
2007 FH ₂₅	2009 10 19.9	01 38.61 +12 13.8 20.9	-0.91	- 3.5	0.7/20.5	64317	2006 XH ₁₉	2009 10 20.1	01 39.39 +08 42.3 20.3	-0.97	- 6.3	0.7/19.7	64301
2001 XQ ₉₄	2009 10 19.9	01 38.61 +11 54.0 18.8	-0.93	- 4.3	0.7/20.4	64173	2009 SJ ₃₈	2009 10 20.1	01 39.40 +11 53.1 19.9	-0.54	- 2.6	0.3/20.7	63959
2007 HE ₂₃	2009 10 19.9	01 38.71 -02 34.7 19.4	-0.84	- 1.2	4.0/16.5	64320	2009 SB ₂₀₃	2009 10 20.1	01 39.42 +05 58.8 19.0	-0.91	- 2.5	1.8/19.0	64013
2009 SV ₂₅₂	2009 10 19.9	01 38.71 +04 51.0 20.0	-0.88	- 3.3	1.9/18.5	64028	2002 PW ₁₁₁	2009 10 20.1	01 39.42 +05 22.1 19.8	-0.98	- 5.3	2.4/18.8	64188
2003 WQ ₁₀₈	2009 10 19.9	01 38.73 -07 29.5 20.0	-0.76	- 4.3	5.4/14.6	62374	2007 AN ₃	2009 10 20.1	01 39.44 +02 32.5 20.3	-0.90	- 4.3	2.4/18.0	63808
2007 CQ ₁₀	2009 10 19.9	01 38.73 +11 08.2 21.0	-0.95	- 5.3	0.3/20.2	64305	2007 AF ₂₉	2009 10 20.1	01 39.44 +22 29.3 19.9	-1.01	- 4.4	5.3/23.7	40173
2003 SP ₆₂	2009 10 20.0	01 38.71 +16 17.0 20.0	-0.75	- 6.2	1.8/22.0	64207	2009 SK ₁₃₀	2009 10 20.1	01 39.48 +03 44.4 19.1	-0.77	- 8.2	3.1/18.0	63987
2002 OA ₁₆	2009 10 20.0	01 38.72 +00 22.6 17.8	-0.71	- 7.7	5.3/16.7	64187	2005 PU ₄	2009 10 20.1	01 39.49 -08 14.7 19.2	-1.07	+ 0.4	8.4/16.1	64246
2000 QP ₁₈	2009 10 20.0	01 38.73 +20 37.8 19.0	-0.98	- 4.2	4.1/23.1	64154	2009 TN ₂₅	2009 10 20.1	01 39.50 +11 54.9 18.9	-0.94	- 3.0	0.8/20.6	64065
2006 BY ₁₂₀	2009 10 20.0	01 38.73 +08 13.7 19.9	-0.75	- 5.5	0.6/19.4	64289	2002 PB ₁₁	2009 10 20.1	01 39.53 +11 15.9 18.9	-0.97	- 4.2	0.5/20.5	64187

2002 QO ₁₁	2009 10 20.1	01 39.55 +13 18.2 19.3	-0.90 - 5.8	1.5/21.1	64189
2007 EN ₁₃₁	2009 10 20.2	01 39.50 +05 57.2 20.5	-0.84 - 6.7	1.6/18.8	64314
2003 UP ₂₉₄	2009 10 20.2	01 39.50 +22 05.4 19.6	-0.83 - 3.0	3.6/23.7	64212
2005 XE ₇₆	2009 10 20.2	01 39.51 +02 05.1 19.7	-0.89 - 3.3	2.8/17.9	63778
2009 SR ₁₃₅	2009 10 20.2	01 39.55 +16 50.8 18.9	-1.11 + 1.4	2.8/21.7	63990
2008 KQ ₂₂	2009 10 20.2	01 39.55 -08 59.8 21.4	-0.93 - 1.8	6.4/15.1	40775
1998 HK ₁₅₆	2009 10 20.2	01 39.57 -02 57.5 20.4	-0.90 - 1.7	3.9/16.7	17895
2006 XH ₄₃	2009 10 20.2	01 39.57 +05 18.3 21.1	-0.94 - 5.2	1.7/18.8	63805
2005 VK ₆₉	2009 10 20.2	01 39.59 -00 01.2 21.0	-0.99 - 3.0	4.3/17.4	63755
2007 GV ₂₇	2009 10 20.2	01 39.61 -07 32.7 21.6	-0.71 - 4.3	4.3/14.6	21363
2005 WG ₁₁₆	2009 10 20.2	01 39.64 +20 39.0 20.0	-0.85 - 7.5	3.2/23.6	64276
2005 NM ₄₆	2009 10 20.2	01 39.65 +06 20.8 20.7	-0.99 - 5.6	1.6/19.1	63710
2009 SE ₁₆₅	2009 10 20.2	01 39.65 +16 34.4 19.1	-0.92 - 1.7	2.1/21.9	64002
2004 TK ₂₅	2009 10 20.2	01 39.67 +19 23.4 20.6	-1.01 - 1.2	2.9/22.6	62404
1999 TF ₂₉₄	2009 10 20.2	01 39.68 +13 30.9 20.1	-1.07 - 5.0	1.3/21.1	64149
2004 CC ₈₅	2009 10 20.2	01 39.69 +03 47.6 20.2	-1.02 - 3.9	2.5/18.5	64215
2002 TM ₁₂₅	2009 10 20.2	01 39.70 +28 13.5 19.7	-1.18 - 4.3	7.2/25.5	63641
2004 RF ₈₈	2009 10 20.2	01 39.74 +14 10.2 20.3	-0.89 - 4.0	1.3/21.4	64224
2008 JQ ₈	2009 10 20.2	01 39.77 -14 50.4 21.1	-0.89 - 1.6	7.8/13.4	40770
2002 QG ₆₅	2009 10 20.2	01 39.78 -00 36.3 19.1	-0.90 - 7.5	5.1/16.8	64189
2005 WW ₁₁₅	2009 10 20.2	01 39.81 -12 43.4 19.6	-0.81 - 6.2	8.4/12.5	62463
2001 XD ₆₅	2009 10 20.2	01 39.84 +33 00.3 17.4	-0.74 - 6.9	10.9/29.0	64173
2009 TX ₈	2009 10 20.2	01 39.87 +20 58.6 19.3	-0.95 - 0.7	3.3/23.0	64057
2004 OL ₁	2009 10 20.2	01 39.87 -10 22.0 19.6	-0.83 - 5.3	7.0/13.8	60805
2004 XW ₃₅	2009 10 20.2	01 39.91 +39 21.2 19.4	-1.25 -11.5	12.2/31.2	64237
2007 DS ₆₀	2009 10 20.2	01 39.92 +12 27.0 22.5	-0.88 - 4.9	0.6/20.9	19705
2004 VR ₇₅	2009 10 20.3	01 39.86 -22 05.3 19.1	-1.70 + 9.1	16.8/15.3	64236
2008 GM ₁₁₈	2009 10 20.3	01 39.87 +10 08.4 20.9	-0.96 - 6.2	0.1/20.2	64331
2004 XV ₁₇	2009 10 20.3	01 39.91 -14 13.4 18.9	-0.70 - 6.4	8.3/11.7	64237
2006 YB ₁	2009 10 20.3	01 39.93 -00 59.3 18.8	-0.99 - 1.5	5.8/17.5	64301
2007 JT ₃₈	2009 10 20.3	01 39.93 +13 33.9 20.8	-0.85 - 5.1	1.0/21.3	64322
2005 UX ₂₃₉	2009 10 20.3	01 39.95 +02 38.6 20.4	-0.87 - 6.1	2.6/18.0	63745
1998 SD ₉₈	2009 10 20.3	01 39.96 +18 08.4 18.8	-0.97 - 0.2	2.7/22.2	64147
2004 EM ₈	2009 10 20.3	01 39.99 +11 30.0 20.8	-0.98 - 5.2	0.4/20.7	61887
2009 SS ₂₂₇	2009 10 20.3	01 40.01 +07 13.4 20.5	-0.50 - 4.1	0.6/19.3	64019
2008 EX ₂₀	2009 10 20.3	01 40.01 +10 11.4 20.7	-1.02 - 6.8	0.1/20.3	62526
2008 KG ₂₀	2009 10 20.3	01 40.05 +02 38.8 19.3	-0.81 - 5.2	3.2/18.0	63859
2002 GA ₁₈₆	2009 10 20.3	01 40.09 +11 34.7 21.2	-0.79 - 5.2	0.4/20.7	62347
2006 BZ ₄₇	2009 10 20.3	01 40.09 +06 33.2 21.5	-0.76 - 4.1	1.0/19.2	64288
2007 CZ ₄₆	2009 10 20.3	01 40.13 -03 58.8 20.9	-0.81 - 6.5	4.3/15.8	33536
2002 YO ₃₀	2009 10 20.3	01 40.14 +00 20.0 20.7	-0.95 - 5.3	3.6/17.4	64199
2007 HL ₅₈	2009 10 20.3	01 40.15 -04 04.5 20.4	-0.77 - 2.4	3.9/16.3	41343
2008 CE ₁₉₂	2009 10 20.3	01 40.17 +38 16.2 19.2	-1.77 + 4.6	14.1/26.3	62524
2009 SY ₂₁₂	2009 10 20.3	01 40.17 +12 21.4 19.1	-1.12 + 1.8	0.8/20.8	64017
2002 TN ₃₅₂	2009 10 20.3	01 40.18 +13 04.7 20.8	-0.99 - 8.2	1.1/21.2	64195
2004 VD ₄₈	2009 10 20.3	01 40.19 -19 47.7 20.8	-0.86 - 0.6	7.4/11.4	62412
2006 FJ ₅₀	2009 10 20.3	01 40.23 -17 59.0 21.1	-0.87 - 0.7	7.1/12.1	34921
2001 PZ ₁₅	2009 10 20.3	01 40.24 +12 57.1 18.6	-0.96 - 2.5	1.2/21.1	64161
2007 EQ ₁₈₁	2009 10 20.3	01 40.26 +12 07.7 19.5	-0.79 - 8.5	0.6/21.0	64315
2005 VC ₂₈	2009 10 20.3	01 40.27 +12 29.0 20.7	-0.94 - 3.9	0.8/21.0	64272
2002 JB ₇₂	2009 10 20.4	01 40.23 -20 34.0 20.3	-0.93 + 1.0	8.4/12.6	19580

2002 ED ₉₅	2009 10 20.4	01 40.24 -09 24.0 20.0	-0.76 - 8.4	6.4/13.4	62344
2006 BQ ₉	2009 10 20.4	01 40.25 +26 12.7 20.4	-0.83 - 5.3	4.5/25.5	64288
2005 XC ₁₀₇	2009 10 20.4	01 40.28 +02 53.5 20.5	-0.75 - 5.2	2.3/18.1	98030
2008 SM ₂₃	2009 10 20.4	01 40.30 -10 15.8 20.9	-0.48 - 5.2	3.8/13.0	55508
2003 GZ ₄₈	2009 10 20.4	01 40.33 -07 56.7 19.8	-0.79 - 8.8	6.6/14.1	64203
2004 FW ₁₂₆	2009 10 20.4	01 40.35 +07 08.0 19.5	-0.95 - 7.0	1.2/19.4	62390
2006 YX ₅₃	2009 10 20.4	01 40.35 -00 55.5 21.0	-0.92 - 5.3	4.0/17.1	40446
2007 AT ₉	2009 10 20.4	01 40.35 +02 10.6 20.5	-1.01 - 4.5	3.3/18.1	64302
2007 AC ₂₁	2009 10 20.4	01 40.36 -15 05.3 19.8	-0.85 - 6.2	10.0/11.7	15988
2006 AT ₇₂	2009 10 20.4	01 40.38 +23 33.4 20.0	-0.86 - 4.6	4.2/24.5	98085
2009 SS ₅₈	2009 10 20.4	01 40.39 +15 22.0 18.9	-0.75 - 8.9	1.7/22.1	63966
2005 UM ₁	2009 10 20.4	01 40.40 +03 13.1 19.3	-0.90 - 2.6	3.5/18.5	64260
2007 CW ₄₁	2009 10 20.4	01 40.41 +13 13.8 20.0	-1.00 - 5.9	1.1/21.3	64306
2006 WF ₁₉₈	2009 10 20.4	01 40.42 +11 23.1 20.9	-0.98 - 5.4	0.4/20.7	64300
2006 HS ₁₁₀	2009 10 20.4	01 40.43 -01 35.8 19.4	-0.94 - 1.1	4.0/17.3	64296
2007 DY ₈₈	2009 10 20.4	01 40.43 +03 03.9 19.9	-0.87 - 5.6	2.7/18.2	64309
2008 HR ₄₇	2009 10 20.4	01 40.45 +04 13.7 22.4	-0.96 - 7.3	2.1/18.6	41924
2008 FT ₄₄	2009 10 20.4	01 40.48 +02 44.0 19.4	-0.95 - 7.6	3.2/18.1	64327
2003 SK ₃₀₉	2009 10 20.4	01 40.48 +18 38.9 19.8	-0.82 - 3.4	2.2/22.9	64210
2005 UQ ₅₁₂	2009 10 20.4	01 40.48 +06 39.7 18.5	-0.96 - 0.7	1.7/19.5	64271
2009 TQ ₂₀	2009 10 20.4	01 40.50 +05 32.9 18.9	-0.83 - 6.1	1.9/19.0	64063
2004 XZ ₁₁	2009 10 20.4	01 40.55 +28 25.0 19.8	-0.78 - 6.1	4.8/26.5	62414
2005 ML ₃₄	2009 10 20.4	01 40.55 +04 00.1 20.1	-0.99 - 5.6	2.5/18.7	64243
2002 DW ₁₅	2009 10 20.4	01 40.56 -05 46.5 20.4	-0.47 - 4.1	2.9/14.9	47206
2004 CL ₁₈	2009 10 20.4	01 40.59 -02 29.9 19.6	-0.98 - 5.0	5.0/16.8	64214
2007 EK ₁₄₅	2009 10 20.4	01 40.60 +01 12.7 20.0	-0.80 - 5.9	3.2/17.6	64315
2005 TK ₁₇₈	2009 10 20.4	01 40.64 +01 24.9 19.7	-0.79 -10.9	3.3/17.3	64260
2001 TC ₁₃	2009 10 20.4	01 40.64 +00 02.1 18.8	-0.86 -27.9	4.6/16.1	64165
2005 MC ₄₈	2009 10 20.4	01 40.64 +02 03.1 19.8	-0.83 - 8.3	3.7/17.8	64243
2005 VU ₅₆	2009 10 20.4	01 40.65 -08 51.7 19.3	-1.04 + 1.4	7.6/16.2	62457
2004 FP ₄₉	2009 10 20.4	01 40.66 +12 31.2 20.3	-1.03 - 6.1	0.8/21.1	64217
2009 RG ₅₂	2009 10 20.5	01 40.61 +07 44.7 20.0	-0.87 - 5.9	1.3/19.7	63941
2009 SJ ₁₇₀	2009 10 20.5	01 40.61 +00 39.9 19.3	-0.96 - 1.5	3.6/18.0	64005
2009 RD ₅₂	2009 10 20.5	01 40.62 +06 54.3 19.6	-0.75 - 7.3	1.2/19.4	64361
2005 SD ₄₉	2009 10 20.5	01 40.63 +09 49.0 19.7	-0.91 - 4.2	0.3/20.3	64253
2007 HT ₃₂	2009 10 20.5	01 40.66 +12 33.9 20.5	-0.96 - 2.0	0.7/21.1	64321
2001 XX ₁₁₀	2009 10 20.5	01 40.72 -02 16.7 19.3	-0.90 - 3.2	5.2/17.0	64174
2007 FQ	2009 10 20.5	01 40.77 +11 28.8 20.2	-0.89 - 3.9	0.3/20.8	62516
2009 TK ₂₂	2009 10 20.5	01 40.77 +08 20.4 19.2	-0.82 - 7.0	0.8/19.9	64064
2009 TR ₂₀	2009 10 20.5	01 40.80 +06 56.8 19.0	-1.08 - 1.3	1.5/19.7	64063
2004 RO ₁₄₁	2009 10 20.5	01 40.81 +24 34.1 20.4	-1.02 - 2.2	4.7/24.5	20348
2002 TG ₂₈₆	2009 10 20.5	01 40.95 +27 20.7 18.1	-0.84 - 8.4	8.2/26.6	64194
2005 YZ ₄₄	2009 10 20.5	01 40.99 +02 01.5 19.8	-0.81 - 5.1	3.1/18.0	64281
2005 QN ₁₂₃	2009 10 20.5	01 41.03 +12 09.8 20.4	-0.98 - 5.4	0.7/21.1	64250
2007 EB ₂₀₆	2009 10 20.5	01 41.05 +03 54.7 20.0	-0.87 - 4.6	2.6/18.7	64316
2003 QE ₄₈	2009 10 20.6	01 41.00 +18 12.2 19.1	-0.78 - 6.1	2.5/23.1	64205
2002 QA ₉₃	2009 10 20.6	01 41.01 +13 39.6 19.9	-1.14 - 3.2	1.4/21.4	64189
2007 DX ₁₃	2009 10 20.6	01 41.02 +11 51.4 20.1	-1.02 - 3.3	0.6/21.0	64307
2006 XP ₉	2009 10 20.6	01 41.02 -01 23.4 19.5	-1.04 - 2.9	5.1/17.5	53586
2002 TG ₂₀	2009 10 20.6	01 41.05 +10 59.9 18.8	-0.89 - 8.3	0.2/20.8	64193
2004 TQ ₆₈	2009 10 20.6	01 41.05 +02 11.8 18.9	-0.84 - 3.2	2.9/18.3	63687

2009 RQ ₅₂	2009 10 20.6	01 41.06 +06 33.2 20.8	-0.89	- 5.6	1.3/19.5	62196
2008 GK ₄₆	2009 10 20.6	01 41.07 +00 08.1 21.5	-1.02	- 4.1	3.7/17.8	40210
2000 CY ₂	2009 10 20.6	01 41.07 +56 37.9 19.1	-1.74	+ 3.4	23.8/06.8	31763
2005 UP ₁₂₄	2009 10 20.6	01 41.08 +12 50.4 20.6	-0.91	- 5.0	0.9/21.3	64264
2008 GQ ₁₂₈	2009 10 20.6	01 41.09 -17 54.3 22.0	-0.87	- 3.4	8.0/12.4	40213
2005 VK ₆₆	2009 10 20.6	01 41.10 -00 19.4 20.5	-1.00	- 1.0	3.7/18.0	64272
2000 ER ₅₂	2009 10 20.6	01 41.13 +09 07.8 21.3	-0.95	- 5.9	0.5/20.2	14597
2006 DU ₈₂	2009 10 20.6	01 41.15 +05 52.3 20.1	-0.77	- 5.9	1.5/19.2	64293
2005 MA ₃₄	2009 10 20.6	01 41.17 +22 20.8 20.0	-1.07	- 6.2	4.9/24.3	87691
2009 SP ₂₅₄	2009 10 20.6	01 41.19 +16 51.4 20.4	-0.75	- 4.8	1.7/22.6	64029
2008 FO ₂₅	2009 10 20.6	01 41.19 +05 54.5 21.0	-0.95	- 5.9	1.7/19.3	64327
2007 CH ₄₄	2009 10 20.6	01 41.20 +06 37.3 20.4	-0.95	- 6.2	1.4/19.5	62503
2000 HB ₄₆	2009 10 20.6	01 41.27 -04 00.0 19.3	-1.59	+ 6.6	7.0/18.7	63607
2007 GC ₅₃	2009 10 20.6	01 41.27 +09 25.3 20.5	-0.90	- 1.1	0.3/20.4	63834
2005 YY ₂₇₇	2009 10 20.6	01 41.27 +08 48.5 20.5	-0.86	- 4.6	0.6/20.2	62473
2005 NY ₆₇	2009 10 20.6	01 41.30 +11 31.0 21.0	-1.01	- 6.2	0.4/21.0	64244
2001 YF ₁₃₉	2009 10 20.6	01 41.32 -09 25.3 19.8	-0.85	- 5.3	7.2/14.3	97542
2005 QV ₂₇	2009 10 20.6	01 41.34 +00 07.6 19.4	-0.83	- 5.3	4.7/17.5	64247
2008 EX ₁₄₇	2009 10 20.6	01 41.34 +13 59.0 20.0	-1.13	- 3.2	1.5/21.6	62082
2004 VG ₃₂	2009 10 20.6	01 41.35 +04 33.6 20.2	-0.78	- 4.0	1.7/18.9	64235
2007 GD ₅	2009 10 20.6	01 41.36 +05 08.4 20.0	-0.88	- 1.3	1.8/19.3	64318
2002 QT ₉₂	2009 10 20.6	01 41.37 +06 01.7 19.2	-0.83	- 1.6	2.5/19.5	63630
2002 CP ₂₀	2009 10 20.6	01 41.39 +21 00.1 19.5	-0.87	- 5.5	3.3/23.9	64180
2005 NQ ₁₂₄	2009 10 20.6	01 41.40 +08 36.3 20.8	-1.04	- 4.5	0.8/20.2	62424
2007 EU ₁₁₁	2009 10 20.6	01 41.42 +14 53.7 19.3	-1.17	+ 2.2	1.8/21.6	64313
2008 EN ₁₅₄	2009 10 20.6	01 41.42 +03 42.2 20.8	-1.01	- 2.8	2.5/18.9	63846
2004 FS ₁₃₈	2009 10 20.6	01 41.43 +17 11.2 20.5	-1.06	- 4.5	2.4/22.5	64218
2009 SD ₂₀₄	2009 10 20.6	01 41.44 +15 24.6 19.2	-1.09	+ 0.6	1.9/21.8	64014
2005 UE ₂₃₅	2009 10 20.7	01 41.35 +04 51.2 20.2	-0.84	- 6.1	2.4/19.0	64267
2006 BB ₂₅₆	2009 10 20.7	01 41.37 -07 48.0 20.9	-0.72	- 5.1	5.0/14.8	21175
2009 RV ₅₀	2009 10 20.7	01 41.37 +07 00.4 18.4	-0.71	-10.0	1.5/19.5	63941
2002 JO ₁₂₂	2009 10 20.7	01 41.41 -17 30.8 20.2	-0.79	- 2.3	7.7/12.4	16215
2007 BB ₃₀	2009 10 20.7	01 41.43 +22 34.1 21.0	-1.08	- 3.9	4.4/24.0	18189
2009 SQ ₄₆	2009 10 20.7	01 41.43 +15 39.9 20.5	-0.98	- 3.3	1.8/22.1	63962
2001 WP ₈	2009 10 20.7	01 41.44 -09 23.0 19.4	-1.00	- 0.3	7.2/15.8	62328
2005 UM ₂₃₃	2009 10 20.7	01 41.45 +11 11.6 20.0	-0.82	- 8.2	0.2/20.9	64266
2005 PW ₂	2009 10 20.7	01 41.45 +13 53.6 20.0	-1.03	- 5.6	1.3/21.7	39219
1999 YB ₁₄	2009 10 20.7	01 41.47 -02 58.9 20.7	-0.96	- 6.0	5.8/16.6	13743
2004 TK ₃₈	2009 10 20.7	01 41.49 +07 27.4 19.8	-0.76	- 7.0	1.0/19.7	20804
2009 SP ₁₃₁	2009 10 20.7	01 41.53 +05 30.0 20.3	-0.94	- 6.2	2.0/19.3	63987
2001 VC ₄	2009 10 20.7	01 41.54 +26 02.7 19.3	-0.89	- 8.7	4.8/26.1	64169
2003 UF ₁₁₁	2009 10 20.7	01 41.55 +26 29.6 20.6	-0.86	- 3.3	4.5/25.6	64212
2008 JF ₂₆	2009 10 20.7	01 41.55 +00 55.1 19.8	-0.99	- 3.6	3.5/18.2	64333
2006 GQ ₄₃	2009 10 20.7	01 41.56 +02 14.6 20.5	-0.71	- 6.9	2.3/18.0	64295
2007 BT ₄₁	2009 10 20.7	01 41.57 +06 17.2 20.2	-0.95	- 5.8	1.6/19.5	64304
2007 BL ₄₇	2009 10 20.7	01 41.57 +04 53.0 20.3	-0.98	- 4.9	2.2/19.2	64304
2003 FN ₃₇	2009 10 20.7	01 41.58 +20 22.0 19.9	-1.08	- 1.1	3.7/23.2	19595
2008 CA ₁₆	2009 10 20.7	01 41.61 +13 03.0 20.3	-1.10	- 4.7	0.9/21.4	64324
2001 TQ ₁₈₄	2009 10 20.7	01 41.62 +16 01.2 19.9	-1.01	- 3.0	2.2/22.2	64166
2009 SU ₁₃₀	2009 10 20.7	01 41.67 +05 55.9 20.4	-0.82	- 6.5	2.3/19.3	64382
2004 DE ₂	2009 10 20.7	01 41.68 +20 34.9 20.4	-0.70	- 2.7	2.3/23.8	63673

1996 AT ₆	2009 10 20.7	01 41.69 +16 35.4 21.1	-1.01	- 4.4	2.1/22.5	64144
2002 QG ₂₇	2009 10 20.7	01 41.70 +05 53.6 20.1	-0.98	- 4.7	2.2/19.5	64189
2008 FS ₁₀₂	2009 10 20.7	01 41.70 +00 30.5 21.0	-1.01	- 4.1	3.7/18.1	64328
2009 SH ₄₆	2009 10 20.7	01 41.70 +16 19.6 20.5	-0.93	- 4.4	1.8/22.4	63962
2009 SR ₂₉₃	2009 10 20.7	01 41.77 +10 56.8 19.6	-0.90	- 4.3	0.2/20.9	64042
2005 UV ₆₀	2009 10 20.7	01 41.77 +06 27.3 21.0	-0.91	- 3.6	1.3/19.7	62444
2008 DR ₄₇	2009 10 20.7	01 41.78 +13 19.5 20.7	-1.11	- 3.7	1.0/21.5	64325
2004 RK ₉₇	2009 10 20.7	01 41.80 +20 41.0 19.3	-0.85	- 6.5	3.4/24.1	63681
2009 RF ₅₂	2009 10 20.8	01 41.73 +06 54.7 19.9	-0.75	- 5.6	1.2/19.7	64361
2006 AD ₈₆	2009 10 20.8	01 41.74 +19 04.5 20.8	-0.88	- 6.1	2.8/23.4	98087
2005 UK ₄₀	2009 10 20.8	01 41.77 +06 13.8 20.3	-0.92	- 3.5	1.8/19.6	63736
2006 XP ₂₆	2009 10 20.8	01 41.80 +06 25.6 19.2	-0.96	- 6.2	2.0/19.6	64301
2007 ED ₆₉	2009 10 20.8	01 41.83 +14 26.4 20.6	-0.97	- 2.2	1.3/21.8	63823
2006 GV ₁	2009 10 20.8	01 41.85 -06 25.9 21.1	-0.69	-10.2	4.7/14.6	01561
2005 UU ₁₈₆	2009 10 20.8	01 41.91 +11 02.2 20.8	-0.98	- 3.5	0.2/21.0	21608
2005 UH ₃₆₆	2009 10 20.8	01 41.94 +08 06.3 19.4	-0.82	- 9.1	0.9/20.0	64269
2005 WG ₁₇₈	2009 10 20.8	01 42.00 +15 21.3 19.4	-0.72	- 4.3	2.4/22.3	63774
2006 EX ₄₇	2009 10 20.8	01 42.01 +15 23.1 19.9	-1.05	- 0.4	1.9/22.0	64295
2005 UG ₄₁₂	2009 10 20.8	01 42.01 +18 54.2 18.5	-0.78	-12.3	3.2/24.0	64270
2008 ED ₁₂₉	2009 10 20.8	01 42.02 -05 24.1 21.2	-0.91	- 7.6	5.7/15.9	41526
2005 TV ₇₈	2009 10 20.8	01 42.02 -12 41.3 18.9	-0.80	- 4.3	10.3/13.7	64259
1981 DA ₃	2009 10 20.8	01 42.04 +20 08.2 20.6	-0.63	- 3.7	2.0/23.9	21290
2001 YS ₂₅	2009 10 20.8	01 42.06 +13 20.6 19.3	-0.92	- 5.2	1.1/21.7	64176
2008 EB ₁₀₀	2009 10 20.8	01 42.12 +10 29.1 19.9	-1.38	+ 2.3	0.0/20.9	64326
2003 SB ₇₁	2009 10 20.8	01 42.14 +23 31.3 18.9	-0.80	- 5.1	3.9/25.0	64207
2002 EG ₄₇	2009 10 20.8	01 42.18 +12 03.1 21.9	-0.80	- 4.6	0.4/21.3	41780
2007 HS ₇₄	2009 10 20.9	01 42.11 +06 12.6 21.1	-0.74	- 4.0	1.2/19.6	64321
2009 SR ₂₄₉	2009 10 20.9	01 42.12 +03 22.2 19.7	-0.69	- 8.1	2.3/18.4	64027
2009 SP ₂₂₄	2009 10 20.9	01 42.13 +08 54.2 19.0	-1.02	+ 0.2	0.6/20.5	64019
2002 XD ₁₉	2009 10 20.9	01 42.15 +05 40.2 18.9	-1.03	- 1.5	2.3/19.7	64198
2007 FQ ₂₃	2009 10 20.9	01 42.16 +11 54.8 21.0	-0.81	- 2.8	0.4/21.3	63830
2005 TN ₂₉	2009 10 20.9	01 42.18 +13 55.2 19.1	-0.76	-13.7	1.3/22.2	64258
2006 XV ₅₉	2009 10 20.9	01 42.20 +03 44.3 20.6	-1.02	- 3.2	3.2/19.1	64301
1999 XA ₂₆₁	2009 10 20.9	01 42.23 +06 47.2 19.8	-1.02	- 5.3	1.5/19.9	62301
2004 TW ₁₂₀	2009 10 20.9	01 42.26 +12 29.8 18.3	-0.97	- 0.6	0.7/21.4	64231
2005 UZ ₁₂₀	2009 10 20.9	01 42.30 +11 51.7 19.3	-0.94	- 4.3	0.5/21.3	64264
2006 VV ₁₄	2009 10 20.9	01 42.30 +14 20.3 19.9	-1.06	- 5.1	1.8/22.0	63802
1998 WW ₃₇	2009 10 20.9	01 42.31 -09 45.8 20.9	-0.63	+ 0.1	3.7/15.2	18182
2005 TO ₁₅₂	2009 10 20.9	01 42.37 -12 18.6 19.3	-0.89	- 1.4	9.9/14.0	63734
2006 BV ₂₄₈	2009 10 20.9	01 42.41 +08 41.9 21.0	-0.75	- 3.9	0.5/20.4	62479
2008 FF ₉₃	2009 10 20.9	01 42.41 +11 06.7 19.2	-1.06	- 4.3	0.2/21.1	64328
2006 DC ₆	2009 10 20.9	01 42.43 -12 32.0 19.8	-0.72	- 4.8	6.7/13.3	47389
2009 SH ₁₃₁	2009 10 20.9	01 42.51 +06 30.2 20.3	-0.84	- 3.8	1.5/19.8	63987
2004 TO ₁₂	2009 10 20.9	01 42.52 +14 14.1 20.2	-1.25	- 7.3	1.8/22.0	63686
2007 DN ₁₀₅	2009 10 20.9	01 42.57 -13 44.4 20.0	-0.91	- 2.4	8.1/13.9	22879
2007 EG ₁₂₀	2009 10 21.0	01 42.53 +02 53.8 19.8	-0.84	- 7.1	2.9/18.6	64314
2005 WV ₁₄₄	2009 10 21.0	01 42.53 +13 04.7 19.9	-0.92	- 4.5	1.0/21.7	64277
2008 KX ₃₃	2009 10 21.0	01 42.53 -13 48.1 21.0	-0.89	- 2.7	7.5/14.2	40628
2009 SA ₄₀	2009 10 21.0	01 42.55 +11 02.0 20.5	-0.83	- 5.2	0.1/21.1	63959
2009 SB ₁₃₈	2009 10 21.0	01 42.55 +11 25.4 20.0	-1.13	- 4.5	0.4/21.2	62222
2005 WY ₁₇₃	2009 10 21.0	01 42.57 +00 51.0 19.6	-0.88	- 3.6	3.4/18.3	64277

2004 QA ₂₈	2009 10 21.0	01 42.58 +05 36.2 20.2	-0.82	- 5.7	1.8/19.5	64222	2002 ER ₁₅₃	2009 10 21.2	01 43.39 +05 30.2 19.8	-0.49	- 4.0	1.0/19.5	64183
2006 AF ₄₀	2009 10 21.0	01 42.60 +05 48.0 20.4	-0.79	- 4.2	1.5/19.6	64286	2002 CQ ₁₃₆	2009 10 21.2	01 43.44 -09 51.7 19.6	-0.83	- 8.0	7.5/14.0	64180
2009 SF ₂₀₃	2009 10 21.0	01 42.61 +03 30.0 20.2	-0.82	- 6.3	2.5/18.8	64013	2004 RE ₁₂₂	2009 10 21.2	01 43.44 +02 35.7 20.4	-0.81	- 5.3	2.9/18.8	63681
2004 PJ ₁₀₅	2009 10 21.0	01 42.62 +07 25.3 19.1	-0.82	- 5.6	1.3/20.1	64222	2005 VP ₁₁₇	2009 10 21.2	01 43.44 +14 27.7 20.1	-0.81	- 6.8	1.7/22.4	63758
2004 VH ₄₁	2009 10 21.0	01 42.62 +04 26.8 20.4	-0.82	- 2.6	1.9/19.3	64235	2009 SD ₁₃₅	2009 10 21.2	01 43.45 +12 46.7 20.9	-0.82	- 6.8	0.8/21.9	64383
2007 HG ₅	2009 10 21.0	01 42.64 -06 38.2 20.5	-0.77	- 1.9	4.2/16.2	21364	2001 UL ₁₇₆	2009 10 21.2	01 43.45 +07 59.1 20.7	-1.00	- 2.4	0.9/20.5	62326
2004 VK ₂₄	2009 10 21.0	01 42.66 -11 56.1 20.1	-0.72	- 6.1	7.9/13.3	95595	2005 UF ₃₃₃	2009 10 21.2	01 43.45 +02 32.1 21.3	-0.88	- 3.3	2.4/19.0	64269
2007 GD ₂₆	2009 10 21.0	01 42.66 +06 39.5 19.9	-0.79	- 7.2	1.3/19.8	64318	2002 TF ₂	2009 10 21.2	01 43.46 +16 35.8 18.5	-1.17	+ 0.7	2.8/22.5	64193
2005 UO ₅₁₂	2009 10 21.0	01 42.66 +14 32.1 20.0	-0.90	- 4.9	1.6/22.2	63752	2000 JE ₃₁	2009 10 21.2	01 43.47 +18 41.7 20.2	-0.91	- 7.9	2.6/23.8	90028
2005 NR ₄	2009 10 21.0	01 42.67 +11 07.3 19.0	-0.89	- 5.3	0.2/21.2	63709	2002 JC ₁₈	2009 10 21.2	01 43.48 +07 20.8 19.4	-0.88	- 1.6	1.0/20.4	64185
2009 SV ₃₄	2009 10 21.0	01 42.69 +07 44.2 19.4	-0.60	-15.2	1.2/19.9	63958	2005 NW ₁₄	2009 10 21.2	01 43.49 +05 18.1 19.1	-0.89	- 3.9	2.6/19.7	63709
2009 UR ₁₁	2009 10 21.0	01 42.71 +01 48.9 18.5	-0.64	- 7.1	4.4/18.1	64071	2007 BA ₇	2009 10 21.2	01 43.49 +05 44.6 20.5	-0.95	- 5.0	1.7/19.8	64303
2005 WQ ₆₅	2009 10 21.0	01 42.73 -07 28.8 19.7	-1.10	+ 1.6	7.7/16.8	04364	2004 TE ₈₈	2009 10 21.2	01 43.53 +08 50.1 19.5	-0.83	- 4.0	0.8/20.7	64230
2006 DD ₁₃₂	2009 10 21.0	01 42.74 +16 39.3 20.6	-0.87	- 2.2	1.8/22.7	64294	2009 SF ₄₆	2009 10 21.2	01 43.59 +15 43.6 20.1	-0.86	- 5.2	1.9/22.8	63962
2001 TV ₂₀₇	2009 10 21.0	01 42.75 +09 06.6 20.3	-0.91	- 4.4	0.7/20.6	62323	2005 RW ₁₈	2009 10 21.2	01 43.59 +09 32.1 21.0	-0.97	- 5.7	0.4/20.9	64251
2005 WU ₃₄	2009 10 21.0	01 42.77 +10 52.8 21.4	-0.92	- 4.9	0.1/21.1	58520	2008 HC ₆₈	2009 10 21.2	01 43.62 -08 46.1 20.3	-0.97	- 0.4	7.2/16.5	41663
2008 GD ₁₂₂	2009 10 21.0	01 42.81 +04 48.4 20.3	-0.97	- 5.6	2.1/19.4	64331	2008 CH ₁₄₃	2009 10 21.2	01 43.63 +10 21.0 20.7	-1.02	- 5.8	0.1/21.2	64324
2000 SE ₃₆	2009 10 21.0	01 42.84 +03 48.5 18.9	-0.85	- 4.7	2.7/19.1	63610	2007 GA ₂₃	2009 10 21.2	01 43.64 +07 09.1 21.0	-0.82	- 2.7	1.0/20.3	62518
2004 FM ₁₄	2009 10 21.0	01 42.86 +13 17.8 20.6	-1.03	- 4.2	0.9/21.8	66347	2007 AP	2009 10 21.2	01 43.65 +13 18.4 20.2	-1.03	- 5.3	1.0/22.0	64302
2005 WC ₁₈₃	2009 10 21.0	01 42.88 +34 16.3 18.9	-1.10	- 1.3	10.3/28.0	64278	2008 TT ₆₄	2009 10 21.2	01 43.67 +14 13.6 20.1	-0.53	- 2.6	0.7/22.4	64338
2006 HD ₃	2009 10 21.0	01 42.89 +03 32.4 20.5	-0.63	- 3.1	1.6/18.9	64295	2006 AS ₉₀	2009 10 21.2	01 43.67 -05 11.7 19.5	-0.77	- 4.5	5.1/16.5	64287
2007 HW ₁₉	2009 10 21.0	01 42.89 +08 44.3 21.2	-0.76	- 4.5	0.5/20.5	41872	2007 CO ₁₃	2009 10 21.2	01 43.68 +14 20.9 20.6	-0.98	- 5.6	1.3/22.3	64305
2002 BE ₂₈	2009 10 21.1	01 42.87 -07 22.3 19.2	-0.77	- 7.5	6.9/14.9	64179	2005 UA ₂₅₆	2009 10 21.2	01 43.69 +09 43.8 18.9	-0.80	- 7.2	0.4/21.0	64267
2007 HH ₁₃	2009 10 21.1	01 42.90 +05 35.6 20.3	-0.70	- 7.7	1.5/19.4	64320	2005 UT ₅₈	2009 10 21.2	01 43.69 +21 16.5 18.6	-0.84	-12.5	4.5/25.2	64262
2007 EF ₁₇₀	2009 10 21.1	01 42.93 +05 22.4 20.3	-0.71	-10.3	1.4/19.3	63828	2008 GQ ₂₅	2009 10 21.2	01 43.71 +03 28.3 21.0	-0.93	- 6.1	2.8/19.2	64329
2005 JV ₁₂₀	2009 10 21.1	01 42.94 +14 04.3 19.6	-0.50	- 5.1	0.6/22.3	63705	2004 EM ₉₃	2009 10 21.3	01 43.62 +10 43.2 20.3	-1.04	- 4.0	0.0/21.3	64217
2004 BD ₁₅	2009 10 21.1	01 42.97 +12 54.2 20.4	-1.07	- 5.2	0.9/21.7	64214	2005 UN ₁₂₅	2009 10 21.3	01 43.67 +14 40.5 20.3	-0.87	- 6.5	1.3/22.5	64264
2005 UO ₃₅₃	2009 10 21.1	01 43.01 +12 19.0 19.3	-1.10	+ 0.7	0.7/21.5	64269	2004 TK ₃₆₉	2009 10 21.3	01 43.70 +12 29.7 19.4	-0.75	- 7.6	0.6/21.9	64234
2007 HP ₇₅	2009 10 21.1	01 43.02 +04 27.2 20.8	-0.75	- 3.4	1.7/19.3	64321	2006 BW ₂₀₅	2009 10 21.3	01 43.78 +03 57.1 19.8	-0.79	- 4.3	2.3/19.3	64291
2005 SJ ₂₈₉	2009 10 21.1	01 43.03 +06 20.1 19.7	-0.93	- 4.5	1.7/19.9	64257	2007 PT ₄	2009 10 21.3	01 43.80 +16 57.5 19.9	-0.53	- 3.4	1.2/23.4	64323
2004 TO ₇₃	2009 10 21.1	01 43.05 +10 33.8 20.4	-0.83	- 3.9	0.0/21.1	62405	2006 VS ₁₁₀	2009 10 21.3	01 43.80 +08 33.0 19.9	-1.12	- 2.6	0.8/20.8	62493
2006 HH ₆₁	2009 10 21.1	01 43.08 +10 44.0 19.4	-0.94	- 0.5	0.0/21.2	64296	2001 XP ₆	2009 10 21.3	01 43.81 +39 03.5 17.9	-1.03	- 1.9	13.1/31.0	64172
2006 AA ₆₂	2009 10 21.1	01 43.14 +27 40.5 19.7	-0.87	- 5.3	5.6/26.6	64287	2007 BQ ₃₆	2009 10 21.3	01 43.84 +01 29.8 20.0	-1.01	- 3.9	3.9/18.8	64304
2003 SU ₃₃₁	2009 10 21.1	01 43.17 +13 47.1 20.4	-0.89	- 1.5	1.0/22.0	64210	2001 XO ₇₉	2009 10 21.3	01 43.84 -12 12.9 19.4	-0.99	+ 2.1	10.4/16.0	40099
2009 SU ₃₉	2009 10 21.1	01 43.21 +11 20.0 19.5	-0.78	- 4.4	0.2/21.4	63959	2001 YU ₁₅₄	2009 10 21.3	01 43.88 -10 09.7 20.6	-1.01	- 1.1	7.7/15.7	20757
2003 HQ ₁₄	2009 10 21.1	01 43.23 +13 04.2 20.1	-0.54	- 1.3	0.4/21.9	64203	2008 LT ₅	2009 10 21.3	01 43.89 -02 08.5 19.8	-0.94	- 2.7	4.6/18.0	64335
2001 WB ₇₅	2009 10 21.1	01 43.24 +16 42.7 20.3	-0.82	- 9.5	2.5/23.2	64172	2004 VP ₇₃	2009 10 21.3	01 43.93 -06 19.9 18.7	-0.66	- 6.9	7.1/15.4	64236
2004 BL ₁₁₄	2009 10 21.1	01 43.25 +21 07.0 19.4	-1.06	- 5.0	3.9/24.1	64214	2004 QQ ₂₀	2009 10 21.3	01 43.94 +02 07.1 20.7	-0.84	- 5.1	3.0/18.8	64222
2007 EN ₄₅	2009 10 21.1	01 43.26 +11 52.9 20.3	-0.93	- 3.7	0.4/21.5	64312	2004 RZ ₁₂₅	2009 10 21.3	01 43.95 +13 32.4 20.2	-0.87	- 5.2	0.9/22.2	62398
2002 TV ₅₉	2009 10 21.1	01 43.28 +07 29.3 19.7	-0.93	-15.5	1.2/20.0	62357	2003 SA ₁₇₄	2009 10 21.3	01 43.95 +24 11.7 19.7	-1.05	+ 0.3	3.8/24.7	64208
2006 EF ₃	2009 10 21.1	01 43.29 +00 48.6 21.3	-0.73	- 5.1	2.7/18.1	64294	2002 VN ₁₀₁	2009 10 21.3	01 43.95 +01 40.0 18.5	-0.92	- 4.1	4.4/18.8	64197
2009 SO ₃₃₇	2009 10 21.1	01 43.30 +16 45.3 19.0	-0.73	-12.5	2.4/23.4	64049	2005 UM ₁₄₁	2009 10 21.3	01 43.97 -07 54.2 20.1	-1.12	+ 2.0	6.6/17.4	96165
2005 YE ₁₃₅	2009 10 21.2	01 43.24 +04 55.4 20.6	-0.89	- 3.6	2.0/19.6	64283	2008 GG ₉₇	2009 10 21.3	01 44.02 +11 35.6 21.4	-0.97	- 4.8	0.3/21.6	64331
2001 UA ₁₀₇	2009 10 21.2	01 43.25 +07 58.1 19.0	-0.93	- 2.9	1.2/20.5	64168	2009 SF ₂₇₁	2009 10 21.3	01 44.02 +18 27.0 19.7	-1.08	- 1.1	2.7/23.3	64034
2009 SV ₁₅₇	2009 10 21.2	01 43.25 +12 01.1 21.0	-0.88	- 4.6	0.4/21.6	64000	2001 TJ ₁₈₃	2009 10 21.3	01 44.04 +16 13.9 18.8	-0.97	- 2.2	2.6/22.8	64166
2004 VC ₈₃	2009 10 21.2	01 43.28 +09 03.1 20.6	-0.80	- 3.6	0.5/20.7	62412	2003 XO ₁₃	2009 10 21.3	01 44.05 -17 01.9 19.5	-0.75	- 1.1	7.7/13.2	64213
2005 YZ ₂₅₅	2009 10 21.2	01 43.28 +07 10.6 20.5	-0.81	- 3.9	1.1/20.2	62473	2005 US ₂₉₅	2009 10 21.3	01 44.06 +11 25.8 20.7	-0.89	- 5.1	0.3/21.6	64268
2007 GE ₁₈	2009 10 21.2	01 43.34 +16 01.0 21.4	-0.75	- 5.5	1.4/22.9	63832	2009 SJ ₂₆₁	2009 10 21.3	01 44.06 +04 18.3 19.5	-0.75	- 8.0	2.7/19.3	64030
2005 UH ₈₀	2009 10 21.2	01 43.35 +06 52.1 18.8	-0.62	- 9.4	1.9/19.8	64263	2006 AO ₅₂	2009 10 21.3	01 44.06 +10 35.6 20.6	-0.79	- 5.2	0.1/21.3	62475
2002 CM ₁₅₉	2009 10 21.2	01 43.36 -01 16.7 20.4	-0.45	- 3.1	1.9/17.3	62341	1994 LV	2009 10 21.4	01 44.04 -06 45.6 21.4	-0.83	- 4.0	4.7/16.2	64143
2005 TH ₁₉₀	2009 10 21.2	01 43.38 +06 05.0 20.8	-0.92	- 3.1	1.5/20.0	64260	2002 WM ₂₉	2009 10 21.4	01 44.05 -00 01.4 19.7	-0.87	- 4.9	5.2/18.2	63650

2004 RG ₅₆	2009 10 21.4	01 44.07 -08 44.3 20.1 -0.73 -10.4 6.7/14.3 18085	2007 AO ₂₃	2009 10 21.6	01 44.80 +15 08.3 21.9 -1.00 - 6.1 1.5/22.9 18186
2004 BL ₁₁₈	2009 10 21.4	01 44.07 +01 09.5 19.7 -1.00 - 4.1 3.3/18.8 64214	2004 TR ₂₇₇	2009 10 21.6	01 44.83 +03 24.4 19.9 -0.93 - 0.3 2.6/19.8 64233
2009 SC ₂₇₂	2009 10 21.4	01 44.07 +14 17.8 20.3 -0.84 - 6.5 1.1/22.5 64034	2009 SS ₈₇	2009 10 21.6	01 44.85 +06 26.8 20.9 -0.83 - 4.7 1.4/20.3 63975
2007 CY ₃₇	2009 10 21.4	01 44.08 +29 04.6 18.6 -1.11 - 1.7 7.5/26.6 64306	2009 SC ₂₃₃	2009 10 21.6	01 44.86 +11 28.3 18.8 -0.94 + 0.5 0.3/21.8 64021
2006 BJ ₉	2009 10 21.4	01 44.11 +26 54.7 19.9 -0.88 - 4.3 5.0/26.4 64288	2008 EA ₁₃₇	2009 10 21.6	01 44.87 +10 07.3 19.6 -1.07 - 3.4 0.3/21.4 64326
2005 QZ ₁₆₈	2009 10 21.4	01 44.12 +22 31.2 19.0 -0.91 - 8.4 4.8/25.2 64250	2006 AU ₃₀	2009 10 21.6	01 44.88 -06 43.4 21.1 -0.77 - 3.6 5.1/16.4 64286
2005 YU ₅₇	2009 10 21.4	01 44.12 +06 29.8 19.9 -0.84 - 3.9 1.4/20.2 64281	2006 AQ ₃₆	2009 10 21.6	01 44.88 -06 30.3 20.8 -0.77 - 3.9 5.1/16.4 20481
2006 DQ ₄₈	2009 10 21.4	01 44.13 +25 28.1 20.9 -0.92 - 1.5 4.0/25.4 02291	2003 HW ₁₄	2009 10 21.6	01 44.90 -04 36.9 20.5 -0.94 - 1.6 4.8/17.6 18052
2004 TO ₂₂₄	2009 10 21.4	01 44.15 +11 13.7 20.3 -0.82 - 5.1 0.1/21.6 62408	2000 AZ ₂₀₆	2009 10 21.6	01 44.91 +23 37.4 19.8 -0.80 - 4.7 3.6/25.6 64151
2009 US ₁₄	2009 10 21.4	01 44.15 +18 29.4 17.9 -0.81 - 8.2 4.0/24.0 64072	2009 SL ₃₂₇	2009 10 21.6	01 44.92 +22 25.7 17.9 -0.71 -13.6 5.1/26.2 64402
2001 VO ₃₅	2009 10 21.4	01 44.16 -03 16.8 18.9 -1.11 + 1.5 6.3/18.2 64169	2002 BH ₁₉	2009 10 21.6	01 44.92 -17 30.1 20.8 -0.77 - 3.0 6.8/13.0 59075
2005 WY ₃₂	2009 10 21.4	01 44.17 +02 37.4 19.9 -0.92 - 2.6 2.9/19.3 64274	2005 NP	2009 10 21.6	01 44.94 -02 13.3 20.4 -0.99 - 4.7 5.1/18.1 56998
2006 EE ₃₆	2009 10 21.4	01 44.18 +16 26.0 20.9 -0.89 - 2.4 1.7/23.0 64294	2005 WQ ₁₀₁	2009 10 21.6	01 44.94 +10 10.6 20.5 -0.86 - 4.6 0.2/21.4 64276
2008 HS ₃₄	2009 10 21.4	01 44.18 -11 57.9 21.3 -0.86 - 3.7 7.6/14.8 40602	2004 TH ₅₃	2009 10 21.6	01 44.98 +12 01.1 19.7 -0.76 - 7.4 0.4/22.0 64230
2003 AC ₇₀	2009 10 21.4	01 44.21 +06 50.7 20.3 -0.95 - 5.8 1.5/20.3 64200	2008 FV ₅₈	2009 10 21.6	01 44.98 +05 02.0 20.7 -1.04 - 4.5 2.3/20.1 64328
2006 BR ₁₆₄	2009 10 21.4	01 44.21 -09 06.4 21.3 -0.70 - 5.1 5.0/14.9 41842	2004 CE ₆	2009 10 21.6	01 44.99 +00 09.9 20.1 -1.03 - 4.1 4.2/18.8 64214
2005 WD ₈₄	2009 10 21.4	01 44.25 +19 38.6 20.0 -0.86 - 6.5 2.7/24.2 40698	2005 UN ₂₉₂	2009 10 21.6	01 45.01 +12 18.1 19.6 -0.99 - 2.2 0.6/22.0 64268
2003 QJ ₂₃	2009 10 21.4	01 44.27 -10 41.9 19.6 -0.72 - 9.0 6.3/14.0 64205	2006 GM ₁₈	2009 10 21.6	01 45.02 +22 35.0 19.7 -0.91 - 2.1 3.8/24.9 64295
2009 SQ ₄₃	2009 10 21.4	01 44.27 +17 15.6 20.4 -1.05 - 4.7 2.3/23.3 64369	2005 NN ₁₁	2009 10 21.6	01 45.02 +12 10.6 20.3 -1.00 - 5.6 0.6/22.0 64243
2005 VU ₂₂	2009 10 21.4	01 44.28 +06 50.6 20.7 -0.90 - 6.0 1.4/20.3 64272	2009 SU ₂₀₂	2009 10 21.6	01 45.03 +02 29.2 18.0 -0.45 - 8.8 4.4/18.5 64013
2004 HE ₄	2009 10 21.4	01 44.31 +14 00.7 20.1 -0.95 - 7.2 1.1/22.4 62391	2004 XQ ₁₁₄	2009 10 21.6	01 45.04 +20 25.4 20.0 -0.81 - 4.9 3.4/24.6 64238
2008 OL ₇	2009 10 21.4	01 44.40 +25 37.8 19.7 -0.83 - 4.3 4.2/26.1 64335	2006 BE ₁₀	2009 10 21.6	01 45.05 -08 21.6 19.7 -0.77 - 3.6 5.6/15.9 64288
2000 DF ₁₀₁	2009 10 21.4	01 44.42 +08 03.8 21.1 -0.98 - 4.7 0.9/20.7 37264	2004 HQ ₅₈	2009 10 21.6	01 45.07 -02 42.2 20.6 -0.87 - 7.9 4.7/17.5 38027
2002 RW ₁₇₀	2009 10 21.5	01 44.37 +20 34.4 19.9 -1.05 - 5.4 4.5/24.4 63634	2006 XX ₆₇	2009 10 21.6	01 45.10 +00 57.6 19.9 -1.00 - 4.2 4.6/18.9 64301
2009 TX ₂₀	2009 10 21.5	01 44.38 +03 27.2 18.9 -0.96 - 1.1 3.9/19.7 64408	2007 DA ₃	2009 10 21.6	01 45.10 +11 42.8 20.6 -1.02 - 3.5 0.3/21.9 64307
2005 US ₂₇₇	2009 10 21.5	01 44.39 +09 05.4 19.8 -0.95 - 3.6 0.7/21.0 64268	2006 WV ₂₀₃	2009 10 21.6	01 45.13 +02 47.9 19.1 -1.05 - 1.6 4.0/19.7 64300
2009 SZ ₃₁₉	2009 10 21.5	01 44.41 +14 07.2 19.6 -1.04 - 5.8 1.5/22.5 64044	2007 JM ₄₂	2009 10 21.6	01 45.13 -22 47.1 20.3 -0.71 - 4.6 8.1/09.9 59794
2003 TN ₅₁	2009 10 21.5	01 44.43 +33 20.2 19.6 -0.84 - 5.2 6.4/29.2 64211	2004 TP ₄₈	2009 10 21.6	01 45.17 +08 41.7 20.4 -0.79 - 5.0 0.7/21.0 62404
2009 SG ₁₅₈	2009 10 21.5	01 44.49 +16 35.8 19.8 -0.86 - 5.3 2.1/23.3 64000	2005 WV ₁₅₆	2009 10 21.7	01 45.15 +00 57.9 18.4 -0.89 - 1.4 4.6/19.1 64277
2004 JO	2009 10 21.5	01 44.49 +08 38.7 19.0 -0.85 - 6.8 1.0/20.9 64219	2005 UW ₄₂₅	2009 10 21.7	01 45.19 +14 19.9 19.9 -0.87 - 6.6 1.5/22.8 63750
2005 VO ₃₂	2009 10 21.5	01 44.50 +22 24.6 18.6 -0.82 -11.1 4.4/25.7 63755	2005 UL ₂₀₀	2009 10 21.7	01 45.22 +11 32.6 19.4 -0.84 - 7.5 0.3/21.9 64266
2005 GS ₁₄₃	2009 10 21.5	01 44.50 +03 15.4 21.2 -0.98 - 8.6 3.0/19.2 64241	2004 VC ₁₃	2009 10 21.7	01 45.27 -00 09.5 19.5 -0.79 - 4.1 3.8/18.4 64235
2005 YK ₈₄	2009 10 21.5	01 44.52 -09 24.9 18.9 -0.77 - 5.0 7.1/15.1 64282	2002 EB ₁₂₂	2009 10 21.7	01 45.29 +10 11.8 21.5 -0.82 - 5.3 0.2/21.5 57364
2007 CB ₆₁	2009 10 21.5	01 44.54 +19 54.2 20.5 -1.00 - 4.3 3.3/24.0 22875	2002 TZ ₃₁₉	2009 10 21.7	01 45.31 +18 55.8 20.2 -1.11 - 2.9 3.4/23.8 64194
2005 WW ₄₂	2009 10 21.5	01 44.56 +05 30.0 19.9 -0.91 - 1.5 2.5/20.2 63764	2004 VY ₄₀	2009 10 21.7	01 45.31 +13 58.2 20.3 -0.76 - 6.8 1.0/22.7 62412
2001 WN ₈₁	2009 10 21.5	01 44.56 +02 49.2 19.2 -0.88 - 2.6 3.7/19.4 64172	2007 DT ₃₇	2009 10 21.7	01 45.32 +16 15.7 21.5 -0.90 - 4.0 1.6/23.3 64308
2005 UQ ₃₁₁	2009 10 21.5	01 44.56 +08 18.4 19.9 -0.87 - 7.3 0.9/20.8 62451	2001 HH ₆₄	2009 10 21.7	01 45.33 +01 49.0 19.3 -0.92 + 0.3 2.6/19.6 64160
2006 YL ₃₈	2009 10 21.5	01 44.58 +19 17.6 20.1 -1.02 - 4.9 3.1/23.9 58562	1997 SG ₁₄	2009 10 21.7	01 45.34 +18 09.9 19.9 -0.57 - 1.9 1.4/24.0 62293
2009 SR ₁₀₇	2009 10 21.5	01 44.64 +13 37.1 19.7 -1.00 - 3.3 1.3/22.3 63981	2007 DB ₁₈	2009 10 21.7	01 45.40 +06 36.2 20.3 -0.92 - 6.3 1.8/20.5 64307
2009 SY ₁₃₅	2009 10 21.5	01 44.65 +16 40.4 19.0 -0.98 + 0.5 2.0/22.9 63990	2008 RT ₆₉	2009 10 21.7	01 45.40 +08 45.7 19.3 -0.49 - 3.8 0.4/21.1 63864
2002 DO ₆	2009 10 21.5	01 44.65 -06 02.4 19.5 -0.78 - 7.4 5.7/15.9 64182	2009 SL ₁₃₁	2009 10 21.7	01 45.43 +05 04.1 19.9 -0.72 - 7.0 1.7/19.9 64382
2002 XL ₉₃	2009 10 21.5	01 44.70 +06 02.5 19.0 -0.94 - 2.9 2.3/20.3 63652	2007 DL ₁₅	2009 10 21.7	01 45.44 +07 03.8 21.6 -0.79 - 3.7 1.0/20.7 64307
2008 FV ₁₀₄	2009 10 21.5	01 44.71 +05 41.6 21.6 -1.03 - 3.2 1.8/20.2 40752	2006 CB ₂₁	2009 10 21.7	01 45.46 -06 34.3 21.5 -0.72 - 5.0 4.7/16.2 21356
2009 SW ₁₃₃	2009 10 21.5	01 44.72 +05 50.9 20.2 -0.87 - 1.9 1.6/20.3 63988	2001 VN ₁₀	2009 10 21.7	01 45.47 +34 06.2 17.8 -0.62 -16.3 10.4/01.4 64169
2002 BM ₂₃	2009 10 21.5	01 44.74 -00 00.8 20.1 -1.02 - 2.4 3.8/18.7 64179	2009 SF ₄₃	2009 10 21.7	01 45.48 +18 57.5 19.3 -0.96 - 3.1 3.1/24.0 63960
1995 PR	2009 10 21.5	01 44.77 +08 31.5 18.3 -1.13 0.0 1.1/21.1 64144	2003 BV ₇₈	2009 10 21.7	01 45.51 +00 11.8 19.7 -0.96 - 3.6 4.1/18.8 64201
2003 SQ ₃₈₉	2009 10 21.5	01 44.77 +05 31.7 20.6 -0.78 - 3.2 1.6/20.1 64210	2007 EV ₉₇	2009 10 21.7	01 45.55 +05 36.6 22.0 -0.77 - 4.2 1.4/20.2 64313
2004 DZ ₁₀	2009 10 21.5	01 44.77 +04 28.3 20.3 -0.98 - 5.5 2.3/19.8 64215	2002 CB ₁₈₃	2009 10 21.7	01 45.59 +17 52.3 20.0 -0.93 - 3.5 2.4/23.7 62341
2000 AF ₄₃	2009 10 21.5	01 44.80 -31 36.8 19.4 -0.83 - 1.6 11.4/06.4 64151	2006 XN ₂₁	2009 10 21.7	01 45.59 +12 32.3 20.7 -0.99 - 6.3 0.6/22.3 59117
2005 QT ₅	2009 10 21.5	01 44.82 +18 03.5 19.8 -1.02 - 6.3 2.7/24.0 38048	2005 OP ₅	2009 10 21.8	01 45.53 +06 51.6 20.2 -0.97 - 6.0 1.7/20.6 64245
2007 HU ₅₈	2009 10 21.6	01 44.76 -06 27.6 21.0 -0.77 - 2.5 4.3/16.7 22889	2007 EX ₁₆₆	2009 10 21.8	01 45.55 +08 26.0 20.1 -0.74 - 6.9 0.7/21.0 20570

2005 OC ₂₀	2009 10 21.8	01 45.55 +04 55.0 20.6	-0.95	- 5.7	2.5/20.1	63712
2004 RP ₂₃₉	2009 10 21.8	01 45.55 +08 43.3 20.3	-0.81	- 6.0	0.7/21.1	62400
2002 TW ₃₆₄	2009 10 21.8	01 45.58 +02 49.2 19.0	-0.95	- 3.4	3.9/19.6	64195
2005 UM ₄₄₀	2009 10 21.8	01 45.59 +27 29.8 19.3	-0.95	- 6.9	6.0/27.2	64270
2000 US ₉₅	2009 10 21.8	01 45.61 +22 31.9 18.2	-0.73	-12.2	5.0/26.3	63614
2009 SV ₁₃₇	2009 10 21.8	01 45.63 +11 50.0 20.7	-0.90	- 2.8	0.3/22.1	63991
2007 DG ₆	2009 10 21.8	01 45.66 +15 43.2 22.1	-0.91	- 4.2	1.4/23.2	17719
2002 WP ₄	2009 10 21.8	01 45.66 +02 16.0 20.5	-1.01	- 3.1	3.3/19.6	13984
2005 YL ₂	2009 10 21.8	01 45.68 +05 04.5 19.8	-0.93	- 2.3	2.4/20.3	64280
2005 UH ₁₅₈	2009 10 21.8	01 45.75 +16 17.0 20.0	-0.87	- 7.8	1.8/23.6	63742
2009 RA ₅₃	2009 10 21.8	01 45.76 +09 21.5 19.4	-0.83	- 2.1	0.5/21.4	63941
2009 SJ ₄₀	2009 10 21.8	01 45.77 +10 31.5 20.1	-0.82	- 6.9	0.1/21.7	64369
2005 UY ₅₀₈	2009 10 21.8	01 45.78 +07 34.7 20.3	-0.92	- 3.8	1.2/20.9	62455
2008 FQ ₈₃	2009 10 21.8	01 45.80 +10 03.5 20.4	-1.09	- 0.7	0.3/21.7	64328
2009 TY ₁₂	2009 10 21.8	01 45.80 +04 04.4 19.1	-1.11	+ 2.3	2.8/20.5	64059
2006 DE ₂₀₁	2009 10 21.8	01 45.82 +04 09.2 20.0	-0.84	- 1.8	1.9/20.1	64294
2006 DQ ₁₈₄	2009 10 21.8	01 45.82 -02 10.3 20.6	-0.70	- 7.3	3.3/17.4	62482
2009 ST ₈₇	2009 10 21.8	01 45.82 +06 53.6 19.5	-0.90	- 3.4	1.9/20.8	64376
2005 TA ₁₃₆	2009 10 21.8	01 45.84 +07 19.8 20.6	-0.92	- 5.8	1.5/20.8	63733
1996 TS ₁₆	2009 10 21.8	01 45.86 +16 08.8 20.5	-0.50	- 3.5	0.9/23.6	64145
2009 RH ₂₈	2009 10 21.8	01 45.87 -01 42.9 18.8	-0.62	-13.9	6.0/17.0	64357
1998 RC ₃	2009 10 21.8	01 45.89 +12 03.4 20.5	-0.93	- 4.5	0.5/22.2	63599
2006 EA ₄₂	2009 10 21.8	01 45.89 +10 28.9 20.6	-0.73	- 7.3	0.1/21.7	64295
2004 NF ₁₉	2009 10 21.8	01 45.90 +08 41.6 19.9	-0.87	- 6.2	0.7/21.2	62394
2005 YB ₁₁₀	2009 10 21.8	01 45.91 -03 19.1 19.3	-0.80	- 4.8	5.7/17.5	64283
2008 HR ₅₅	2009 10 21.8	01 45.92 +06 44.5 21.4	-0.96	- 4.5	1.4/20.7	64332
2002 GT ₁₁₂	2009 10 21.8	01 45.95 +04 11.1 21.1	-0.78	- 4.8	1.8/19.9	64185
2005 YV ₉₆	2009 10 21.8	01 45.96 +29 33.8 18.2	-0.93	- 6.7	7.6/28.2	64282
2005 UC ₁₆₃	2009 10 21.9	01 45.99 +14 08.6 21.0	-0.95	- 4.9	1.1/22.8	64265
2007 FB ₂₉	2009 10 21.9	01 46.01 +09 14.0 20.6	-0.86	- 4.1	0.6/21.4	64317
2008 EQ ₉₂	2009 10 21.9	01 46.03 +03 15.6 19.1	-1.74	+ 6.8	3.8/20.9	64326
2005 UB ₁₉₉	2009 10 21.9	01 46.04 +05 42.8 20.3	-0.97	- 2.6	1.8/20.6	64266
2007 EH ₅	2009 10 21.9	01 46.07 -06 52.2 20.8	-0.88	- 3.8	5.7/16.8	41324
2006 BA ₃	2009 10 21.9	01 46.07 +32 06.9 21.9	-0.86	- 3.5	5.2/28.5	04368
2008 JM ₁₀	2009 10 21.9	01 46.11 +03 06.8 21.1	-0.88	- 6.6	2.9/19.6	64333
2005 WQ ₅₉	2009 10 21.9	01 46.11 +26 27.0 20.0	-0.88	- 8.8	5.6/27.2	04364
2007 AN ₉	2009 10 21.9	01 46.12 +15 18.4 21.3	-1.07	- 6.4	1.7/23.2	18185
2000 BN ₁₂	2009 10 21.9	01 46.14 -01 04.8 19.9	-0.93	- 5.5	5.0/18.5	37916
2005 XF ₅₆	2009 10 21.9	01 46.14 -14 47.4 18.5	-0.76	- 4.6	11.2/13.4	63777
2009 SR ₈₇	2009 10 21.9	01 46.14 +05 53.4 20.6	-0.81	- 6.4	1.8/20.4	64376
2007 GC ₆₂	2009 10 21.9	01 46.18 +16 28.0 20.3	-0.68	- 5.1	1.5/24.0	64319
2005 WH ₂	2009 10 21.9	01 46.19 -13 10.4 19.5	-0.97	+ 0.6	9.7/16.0	62459
2002 CZ ₁₉₈	2009 10 21.9	01 46.21 -01 45.1 20.1	-0.80	- 5.1	3.9/18.1	62341
2007 HT ₈₂	2009 10 21.9	01 46.23 +00 45.0 19.8	-0.72	- 6.5	3.0/18.7	64321
2002 XO ₇₉	2009 10 21.9	01 46.25 +57 43.0 17.7	-0.88	- 6.1	21.3/13.0	64199
2008 FQ ₄₅	2009 10 21.9	01 46.25 +12 21.5 20.2	-1.13	- 3.8	0.6/22.3	64327
2000 SP ₃₂₀	2009 10 21.9	01 46.26 +04 37.2 21.2	-0.87	- 4.2	2.2/20.2	64156
2005 QW ₁₆₀	2009 10 21.9	01 46.28 +03 23.1 18.7	-0.57	- 2.2	4.4/19.6	64250
2000 SQ ₃₀₂	2009 10 21.9	01 46.28 +23 30.5 18.7	-0.92	- 4.9	4.8/25.8	64156
2002 BE ₂₁	2009 10 21.9	01 46.29 +39 32.1 19.3	-1.74	+ 7.4	11.2/26.0	64179
2007 HJ ₈₀	2009 10 21.9	01 46.31 +01 56.1 19.7	-0.72	- 6.6	2.8/19.1	64321

2009 SM ₄₆	2009 10 21.9	01 46.33 +12 28.6 20.1	-0.79	-10.4	0.5/22.5	64370
2004 TQ ₁₄₄	2009 10 21.9	01 46.33 +14 22.0 18.5	-0.95	- 0.7	1.2/22.8	64231
2003 EQ ₃₈	2009 10 21.9	01 46.35 +23 48.9 19.8	-0.90	- 6.3	3.9/26.1	58819
2004 FU ₃₁	2009 10 21.9	01 46.35 -23 13.9 20.6	-1.04	- 1.7	10.4/11.9	62388
2007 EA ₂₂₁	2009 10 22.0	01 46.29 +07 00.1 20.8	-0.74	- 6.8	1.2/20.7	62060
2007 DF ₁₁₃	2009 10 22.0	01 46.29 +06 13.3 19.7	-0.73	- 6.5	1.4/20.5	64310
2009 TF ₇	2009 10 22.0	01 46.29 +16 25.4 19.4	-0.93	- 4.0	2.4/24.0	64056
2004 GH ₅₉	2009 10 22.0	01 46.30 +05 38.0 20.3	-0.95	- 4.8	1.8/20.5	64218
2004 VS ₅₉	2009 10 22.0	01 46.31 +21 34.6 19.9	-0.79	- 6.7	3.3/25.4	86589
2005 MM ₅₃	2009 10 22.0	01 46.31 +12 53.8 20.6	-1.00	- 6.1	0.8/22.6	64243
2009 SM ₁₃₄	2009 10 22.0	01 46.31 +05 02.7 19.7	-1.01	- 3.2	2.6/20.5	63989
1999 XR ₂₂₄	2009 10 22.0	01 46.32 +21 01.7 19.5	-0.99	- 6.3	4.7/25.1	64150
2005 WF ₁₈₀	2009 10 22.0	01 46.34 -04 13.2 19.9	-1.05	+ 1.0	6.0/18.5	64278
1996 TC ₆₀	2009 10 22.0	01 46.35 +18 15.8 18.4	-0.90	- 4.9	3.2/24.2	64145
2002 TT ₆₃	2009 10 22.0	01 46.35 +12 58.8 19.3	-1.05	- 2.4	0.9/22.5	64193
2008 FG ₇₀	2009 10 22.0	01 46.37 +10 13.7 21.0	-0.99	- 7.6	0.3/21.8	64328
2007 FF ₂₂	2009 10 22.0	01 46.39 +14 04.2 21.2	-0.91	- 2.9	0.9/22.9	64317
2006 CN ₆₀	2009 10 22.0	01 46.40 +01 43.3 19.9	-0.88	- 1.5	2.9/19.6	64292
2001 WE ₉₀	2009 10 22.0	01 46.41 +16 29.9 19.3	-0.98	- 4.2	2.0/23.6	64172
2008 HY ₁₁	2009 10 22.0	01 46.42 +04 32.0 20.3	-0.83	- 9.5	2.3/19.9	64332
2005 GX ₉₂	2009 10 22.0	01 46.42 +08 36.9 20.4	-1.14	- 3.3	0.9/21.4	64241
2004 XT ₂₂	2009 10 22.0	01 46.45 +26 58.9 20.5	-0.80	- 5.7	4.4/27.2	02229
2003 SZ ₄₀	2009 10 22.0	01 46.45 +30 12.7 18.7	-1.23	+ 3.4	6.6/25.9	64207
2009 SZ ₁₃₃	2009 10 22.0	01 46.48 +06 03.9 19.9	-0.88	- 1.5	1.6/20.8	63989
2002 TJ ₇₁	2009 10 22.0	01 46.49 +21 38.5 19.1	-1.03	- 7.0	4.2/25.3	64193
2004 JG ₂	2009 10 22.0	01 46.50 -01 25.2 19.7	-0.85	- 7.9	4.4/18.2	64219
2002 TR ₁₉₄	2009 10 22.0	01 46.52 +17 39.2 19.0	-1.03	- 2.3	3.3/23.8	64194
2002 WB ₂₆	2009 10 22.0	01 46.53 -00 17.2 20.2	-1.01	- 2.7	4.9/19.1	64198
2008 FT ₁₀₀	2009 10 22.0	01 46.57 -01 22.5 18.6	-1.11	+ 3.4	5.6/19.8	64328
2009 SL ₁₆₀	2009 10 22.0	01 46.58 +15 12.1 19.1	-0.92	- 6.6	1.8/24.0	64001
2007 GL ₉	2009 10 22.0	01 46.59 +15 13.9 20.9	-0.83	- 2.3	1.1/23.2	21363
2004 VF ₃₇	2009 10 22.0	01 46.60 +13 22.5 19.9	-0.78	- 5.8	0.7/22.8	62412
2009 ST ₄₂	2009 10 22.0	01 46.62 +18 04.6 19.5	-0.82	- 4.5	2.6/24.2	63960
2005 VF ₁₁₄	2009 10 22.0	01 46.64 +12 21.5 19.8	-0.88	- 5.4	0.5/22.5	64273
2008 FU ₂₆	2009 10 22.0	01 46.65 +12 09.3 21.0	-0.97	- 6.0	0.4/22.4	40204
2006 BA ₁₁	2009 10 22.0	01 46.66 -07 12.7 19.8	-0.76	- 4.9	6.0/16.4	64288
2003 GD ₃₆	2009 10 22.0	01 46.68 -10 23.1 20.5	-0.84	- 4.0	6.5/15.7	33380
2001 BR ₂₃	2009 10 22.0	01 46.69 +15 01.6 18.3	-1.04	- 4.8	2.0/23.2	64158
2007 DR ₄₀	2009 10 22.0	01 46.70 -40 06.9 21.4	-1.02	- 1.8	14.0/04.0	20850
2006 BR ₁₄₇	2009 10 22.0	01 46.71 +05 39.2 21.2	-0.76	- 5.3	1.5/20.5	64290
2008 GU ₄₇	2009 10 22.0	01 46.72 +03 53.1 21.2	-0.96	- 6.4	2.5/20.0	64330
2005 UN ₃₅₄	2009 10 22.0	01 46.75 +11 15.2 18.7	-1.15	+ 2.3	0.1/22.1	64269
2007 DW ₁₆	2009 10 22.1	01 46.66 +24 37.1 21.5	-0.98	- 3.0	4.1/25.9	17725
2004 FV ₄₉	2009 10 22.1	01 46.68 +11 13.0 20.9	-0.99	- 7.5	0.1/22.2	64217
2006 BO ₂₃₂	2009 10 22.1	01 46.69 +30 08.1 20.3	-0.96	- 2.1	5.8/27.5	01292
2009 SV ₈₇	2009 10 22.1	01 46.69 +04 43.5 20.3	-0.80	- 7.5	2.1/20.1	63975
2005 YK ₃	2009 10 22.1	01 46.72 +58 35.3 21.4	-1.49	- 0.8	12.4/06.6	98031
2007 EC ₁₆	2009 10 22.1	01 46.75 +23 30.2 21.5	-0.81	- 3.6	2.9/25.9	47421
2009 SW ₁₅₉	2009 10 22.1	01 46.75 +15 19.2 20.1	-0.55	- 2.2	0.8/23.4	64000
2009 TZ ₁₂	2009 10 22.1	01 46.75 +04 16.9 20.0	-1.04	- 3.9	2.9/20.4	64059
1999 VQ ₁₀₄	2009 10 22.1	01 46.77 +04 02.4 19.1	-0.89	- 1.5	2.4/20.3	64149

2005 UH ₃₈₈	2009 10 22.1	01 46.77 +03 42.4 20.4	-1.01 - 1.4	2.4/20.3	64269
2008 RD ₁₄	2009 10 22.1	01 46.78 +32 02.6 20.8	-0.63 - 1.2	3.7/28.7	56132
2004 LX ₂₆	2009 10 22.1	01 46.78 -10 56.6 20.0	-0.93 - 2.9	7.0/16.1	64220
2009 SU ₄₂	2009 10 22.1	01 46.79 +15 52.2 19.9	-0.84 - 8.7	1.8/23.7	63960
2000 FM ₇₁	2009 10 22.1	01 46.82 +11 40.4 20.5	-1.03 - 4.5	0.3/22.3	64153
2005 QU ₁₁	2009 10 22.1	01 46.83 +47 28.5 20.6	-1.59 0.0	13.1/02.3	64246
2002 CF ₄	2009 10 22.1	01 46.83 -08 00.9 19.6	-0.97 - 1.8	6.6/16.9	64179
2004 SO ₂₆	2009 10 22.1	01 46.83 -05 50.8 19.2	-0.69 - 9.8	6.7/15.9	64228
2005 WN ₁₁₄	2009 10 22.1	01 46.84 +14 43.7 18.8	-0.91 - 2.6	1.7/23.1	64276
2003 SG ₂₆₀	2009 10 22.1	01 46.87 +23 19.2 19.3	-0.85 - 3.6	3.8/25.8	64209
2009 RM ₃₄	2009 10 22.1	01 46.88 +12 23.1 19.7	-1.06 - 3.3	0.5/22.5	64358
2005 VH ₆₅	2009 10 22.1	01 46.89 +09 51.7 20.3	-0.85 - 8.1	0.4/21.8	64272
2008 CG ₁₈	2009 10 22.1	01 46.90 +51 25.7 20.9	-2.02 + 4.7	19.9/01.3	63841
2003 OA ₁₇	2009 10 22.1	01 46.93 -05 48.5 19.9	-0.77 - 4.3	5.1/17.1	58451
2002 AG ₇₈	2009 10 22.1	01 46.94 +02 11.5 19.8	-0.89 - 3.5	3.1/19.7	64178
2005 WM ₁₈₄	2009 10 22.1	01 47.02 +13 40.5 19.6	-0.97 - 3.7	0.9/22.9	62464
2009 SX ₃₃₇	2009 10 22.1	01 47.03 +20 20.8 18.8	-0.79 - 6.4	3.0/25.2	64050
2003 PD ₂	2009 10 22.1	01 47.08 +23 24.4 19.5	-0.86 - 4.6	3.8/26.0	62373
2005 WC ₁₁₇	2009 10 22.1	01 47.08 +07 57.9 19.7	-0.80 - 7.1	1.3/21.2	64276
2008 GS ₂₆	2009 10 22.1	01 47.08 -22 47.0 19.4	-1.29 + 6.1	14.4/16.5	64329
2002 SK ₂₅	2009 10 22.1	01 47.09 +22 52.4 19.7	-1.61 + 5.9	5.4/24.0	39719
2008 GH ₁₃₂	2009 10 22.1	01 47.10 +11 36.6 20.6	-0.99 - 6.4	0.2/22.4	64331
2000 GY ₁₅₄	2009 10 22.2	01 47.03 +11 55.9 20.6	-0.89 - 8.0	0.3/22.5	64153
2005 UY ₁₈₅	2009 10 22.2	01 47.09 +05 49.2 20.5	-0.90 - 3.5	1.7/20.8	64265
1999 RV ₁₇₂	2009 10 22.2	01 47.10 +12 13.3 18.2	-0.96 - 0.8	0.5/22.5	64148
2003 AW ₇₁	2009 10 22.2	01 47.11 +40 16.5 19.1	-1.06 -10.3	11.8/01.9	77687
2003 GZ ₁₃	2009 10 22.2	01 47.11 +07 37.3 20.3	-0.48 - 3.7	0.6/21.1	61877
2009 SU ₁₀₈	2009 10 22.2	01 47.18 +33 19.7 18.4	-1.13 - 5.1	11.5/30.1	64379
2000 CU ₆₉	2009 10 22.2	01 47.18 +20 31.8 18.5	-0.96 - 3.9	4.7/24.9	64151
2004 ND ₃	2009 10 22.2	01 47.22 -10 08.1 20.4	-0.89 - 3.3	6.4/16.4	40686
2007 DB ₄₅	2009 10 22.2	01 47.24 +22 26.8 20.2	-1.01 - 3.5	5.1/25.4	64308
2002 BB ₂₇	2009 10 22.2	01 47.25 -03 09.0 20.9	-0.89 - 2.2	4.2/18.4	20759
2007 HV ₇₉	2009 10 22.2	01 47.31 +02 56.5 20.1	-0.86 - 1.9	2.4/20.1	64321
2002 FS ₄₀	2009 10 22.2	01 47.33 +30 10.0 21.3	-0.62 - 1.4	3.4/28.2	02091
2005 UH ₂₁₇	2009 10 22.2	01 47.35 -08 34.0 19.7	-0.83 - 6.4	7.4/15.9	62449
2006 DV ₄₅	2009 10 22.2	01 47.38 +19 33.5 20.4	-0.86 - 2.3	2.5/24.6	02291
2003 SQ ₅₄	2009 10 22.2	01 47.38 +17 45.0 18.7	-0.77 - 5.6	2.2/24.4	64207
2005 WJ ₁₁₈	2009 10 22.2	01 47.41 +26 19.8 18.6	-0.84 - 6.9	6.8/27.4	63768
2009 SP ₄₀	2009 10 22.2	01 47.45 +08 37.3 20.0	-0.80 -10.6	1.0/21.5	64369
2008 KC ₄₁	2009 10 22.2	01 47.45 -03 50.5 20.5	-0.94 - 4.6	5.6/18.1	40776
2005 UK ₂₁₄	2009 10 22.2	01 47.47 +22 44.3 18.4	-0.94 - 3.3	5.5/25.7	64266
2009 RZ ₃₃	2009 10 22.2	01 47.48 +13 28.3 19.6	-0.93 - 1.0	0.9/22.9	63936
2001 OU ₅₃	2009 10 22.2	01 47.49 -06 30.3 18.9	-1.00 - 0.7	7.4/18.0	64160
2007 FT ₁₅	2009 10 22.2	01 47.49 +18 29.1 20.4	-0.94 - 3.7	2.5/24.4	62516
2004 RN ₂₇₁	2009 10 22.3	01 47.43 +14 26.3 20.1	-0.90 - 3.8	1.2/23.2	64227
2003 KA ₃	2009 10 22.3	01 47.47 -09 25.3 20.2	-0.93 - 0.4	6.7/17.2	95006
2005 YD ₈₁	2009 10 22.3	01 47.47 +12 18.0 20.0	-0.83 - 4.9	0.4/22.7	62469
2003 SZ ₂₁₀	2009 10 22.3	01 47.47 +23 57.5 19.3	-0.84 - 4.2	3.9/26.2	64209
2006 ER ₇₁	2009 10 22.3	01 47.48 +10 52.3 20.9	-0.77 - 4.3	0.1/22.3	64295
2009 SS ₄₀	2009 10 22.3	01 47.48 +11 49.3 19.6	-0.82 - 3.7	0.3/22.5	64369
2007 FP ₃₆	2009 10 22.3	01 47.49 +14 43.7 22.5	-0.96 - 3.6	1.1/23.3	19468

2005 XL ₃₂	2009 10 22.3	01 47.49 +15 46.4 20.0	-0.86 - 5.7	1.6/23.7	64279
2007 EX ₁₃₄	2009 10 22.3	01 47.51 +10 30.7 20.1	-0.85 - 5.7	0.2/22.2	64314
2003 GQ ₄₄	2009 10 22.3	01 47.52 -12 24.2 21.0	-0.88 - 3.6	7.0/15.3	40115
2009 SE ₄₃	2009 10 22.3	01 47.53 +18 01.1 20.6	-0.90 - 4.5	2.7/24.3	62207
2003 SK ₆₈	2009 10 22.3	01 47.53 +24 14.8 20.0	-0.86 - 3.3	3.8/26.2	60788
2004 DT ₂₃	2009 10 22.3	01 47.53 -01 16.3 18.9	-0.92 - 7.7	5.5/18.4	64215
2004 RB ₃₂₅	2009 10 22.3	01 47.53 +14 28.6 19.3	-0.76 - 9.9	1.2/23.5	64227
2002 EK ₁₃₇	2009 10 22.3	01 47.54 +06 19.5 20.6	-0.86 - 5.5	1.6/20.9	64183
2002 EP ₅₅	2009 10 22.3	01 47.54 -02 15.2 19.9	-0.81 - 9.8	5.1/17.7	62344
2005 WH ₅₃	2009 10 22.3	01 47.54 +04 10.8 20.0	-0.92 - 2.5	2.5/20.5	64275
2004 KQ ₁₈	2009 10 22.3	01 47.56 -04 07.9 19.0	-0.80 - 8.3	5.9/17.4	64220
2000 DB ₉	2009 10 22.3	01 47.57 +03 55.9 20.2	-0.92 - 7.7	3.3/20.1	62303
2003 HL ₂	2009 10 22.3	01 47.58 -32 33.8 18.9	-1.50 + 6.3	20.6/12.2	60786
2004 TY ₉₀	2009 10 22.3	01 47.59 +14 38.1 20.4	-0.81 - 5.7	1.2/23.4	64231
2002 QH ₁₂₄	2009 10 22.3	01 47.60 +00 48.6 19.8	-0.90 - 8.4	4.6/19.1	56883
2009 SY ₄₆	2009 10 22.3	01 47.63 +13 04.5 20.3	-0.80 - 8.0	0.6/23.0	62207
2009 SO ₇₄	2009 10 22.3	01 47.72 +06 23.1 20.3	-1.13 - 0.8	1.9/21.3	64375
2007 EO ₄₃	2009 10 22.3	01 47.73 +17 00.6 20.2	-0.99 - 2.3	2.1/23.9	64312
2009 SU ₆₅	2009 10 22.3	01 47.74 +06 45.0 20.0	-0.77 - 4.0	1.5/21.1	64373
2009 SJ ₁₄₆	2009 10 22.3	01 47.75 +11 53.0 18.8	-1.11 - 1.2	0.4/22.6	63994
2007 EO ₇₅	2009 10 22.3	01 47.76 +15 36.1 19.9	-0.94 - 2.6	1.6/23.6	63823
2005 NA ₁₂₂	2009 10 22.3	01 47.77 +15 14.0 18.8	-1.06 - 1.2	1.9/23.4	64245
2003 QU ₇₀	2009 10 22.3	01 47.78 -10 09.5 20.0	-0.73 - 4.5	6.2/15.7	40116
2004 YM ₁₀	2009 10 22.3	01 47.81 +23 46.4 19.3	-0.78 - 7.4	3.8/26.6	64239
2006 KG ₁₁₈	2009 10 22.3	01 47.81 -16 38.7 19.3	-0.94 -14.4	13.2/11.7	62484
2005 UO ₂₈₃	2009 10 22.3	01 47.87 +07 08.1 20.1	-0.86 - 6.7	1.6/21.2	62451
2006 BO ₁₁₃	2009 10 22.4	01 47.80 +08 17.8 21.6	-0.74 - 4.0	0.7/21.6	97065
2004 BL ₈₅	2009 10 22.4	01 47.83 +13 34.0 17.8	-0.96 - 2.2	1.3/23.0	64214
2005 UM ₁₅₀	2009 10 22.4	01 47.83 +09 57.0 20.7	-0.89 - 7.3	0.4/22.1	64264
2005 UM ₂₂₅	2009 10 22.4	01 47.88 +13 00.0 20.4	-1.06 - 1.0	0.7/22.9	64266
2002 PE ₁₇₁	2009 10 22.4	01 47.93 -22 25.4 22.0	-0.71 - 3.5	7.4/11.4	24366
2002 QR ₁₁₀	2009 10 22.4	01 47.94 -02 41.7 20.5	-0.96 - 6.9	5.5/18.3	64189
1997 SU ₃₂	2009 10 22.4	01 47.95 +11 00.4 20.1	-0.58 - 0.9	0.0/22.4	64145
2005 MP ₂₆	2009 10 22.4	01 47.98 -00 54.8 19.8	-0.94 - 5.4	5.1/19.0	63708
2005 SH ₇₉	2009 10 22.4	01 47.98 +07 24.5 20.0	-0.95 - 5.0	1.3/21.4	21830
2000 SG ₃₁₄	2009 10 22.4	01 47.99 +28 26.7 18.2	-0.79 -10.6	7.5/29.1	64156
2004 PU ₄₅	2009 10 22.4	01 48.06 +08 54.9 20.1	-0.91 - 4.1	0.7/21.8	64221
2008 GW ₁₂₉	2009 10 22.4	01 48.07 -01 21.8 20.0	-0.99 - 4.2	4.9/19.1	58606
2005 WP ₅₁	2009 10 22.4	01 48.09 +07 06.8 18.9	-0.89 - 2.7	1.8/21.4	64275
2005 US ₅₁₀	2009 10 22.4	01 48.12 +29 12.0 19.9	-0.81 -10.4	7.5/29.2	11147
2007 EL ₈	2009 10 22.4	01 48.14 +18 50.5 22.0	-0.90 - 3.1	2.2/24.6	56089
2009 SA ₂₇₁	2009 10 22.4	01 48.14 +17 15.7 19.2	-0.57 - 2.4	1.3/24.3	64033
2009 SK ₁₆₀	2009 10 22.4	01 48.15 +15 08.1 20.5	-0.90 - 4.0	1.6/23.6	64001
2006 DZ ₇₁	2009 10 22.4	01 48.16 +12 18.4 21.6	-0.79 - 3.6	0.3/22.8	02293
2002 CC ₅₉	2009 10 22.4	01 48.17 -24 14.2 19.8	-0.86 -11.3	10.4/07.9	00153
2005 WA ₁₁₁	2009 10 22.4	01 48.17 +03 41.3 19.4	-0.90 - 3.0	3.2/20.5	63768
2006 BA ₁₅₀	2009 10 22.4	01 48.18 -03 00.7 19.1	-0.85 - 2.1	4.7/18.6	64290
2005 LV ₅₁	2009 10 22.4	01 48.25 +10 18.3 20.6	-1.02 - 6.0	0.3/22.3	64242
2003 SX ₂₇₂	2009 10 22.5	01 48.16 +17 05.3 19.3	-0.75 - 5.5	1.9/24.4	64209
2006 VO ₁₄₈	2009 10 22.5	01 48.22 +01 11.4 19.8	-0.95 - 5.1	4.3/19.7	16366
2005 UQ ₂₂₈	2009 10 22.5	01 48.23 +13 38.5 20.3	-0.83 - 8.8	0.8/23.3	63744

2005 WZ ₉₇	2009 10 22.5	01 48.24 +16 58.6 20.1	-0.87	- 5.1	2.5/24.0	61992
2007 HL ₃₂	2009 10 22.5	01 48.25 +12 25.7 20.5	-0.88	- 1.7	0.4/22.9	62520
2003 SW ₃₁₄	2009 10 22.5	01 48.31 +16 26.3 20.2	-0.78	- 4.7	1.9/24.1	63667
2004 SV ₂₃	2009 10 22.5	01 48.31 +08 05.7 20.6	-0.77	- 6.2	0.9/21.6	64228
2007 GT ₂₇	2009 10 22.5	01 48.36 -10 25.4 19.0	-0.85	- 0.5	6.9/16.9	22887
2005 UU ₅₆	2009 10 22.5	01 48.40 +16 49.6 19.4	-1.04	- 1.7	2.1/24.0	64262
2007 GT ₇	2009 10 22.5	01 48.40 +09 41.2 20.6	-0.81	- 5.1	0.5/22.1	64318
2003 FP ₄	2009 10 22.5	01 48.46 -16 13.8 19.1	-1.65	+ 8.1	13.2/19.0	04253
2009 SD ₇₄	2009 10 22.5	01 48.47 +05 11.3 20.2	-1.08	- 1.7	2.7/21.1	63972
2009 SJ ₄₃	2009 10 22.5	01 48.49 +17 41.1 19.8	-0.89	- 4.9	2.4/24.5	63960
2009 SF ₆₆	2009 10 22.5	01 48.49 +06 06.3 19.0	-0.96	- 3.5	2.4/21.2	63968
2003 UJ ₃₂₈	2009 10 22.5	01 48.50 +07 48.6 19.7	-0.71	- 7.9	1.0/21.5	64213
2008 GG ₄₅	2009 10 22.5	01 48.51 +13 20.0 20.0	-1.00	- 5.8	0.8/23.2	62533
2005 UO ₁₂₈	2009 10 22.5	01 48.55 +13 26.0 20.1	-0.92	- 6.5	0.8/23.3	62447
2003 TL ₂₇	2009 10 22.5	01 48.56 +20 01.4 20.7	-0.79	- 3.6	2.3/25.2	41799
2001 XR ₅₅	2009 10 22.5	01 48.57 +05 46.9 19.2	-0.83	- 7.1	2.1/20.9	64173
2003 DU ₉	2009 10 22.5	01 48.62 +18 24.7 20.3	-1.13	- 0.4	2.3/24.3	62368
2007 EH ₃₄	2009 10 22.6	01 48.55 +05 50.1 20.2	-0.96	- 5.0	2.1/21.1	64311
2008 LN ₁₂	2009 10 22.6	01 48.60 +03 36.1 20.5	-0.73	- 5.4	2.5/20.3	64335
2004 HZ ₂₅	2009 10 22.6	01 48.62 +03 59.8 20.0	-1.09	- 1.3	2.6/20.9	64219
2004 FL ₁₀₉	2009 10 22.6	01 48.62 +13 48.5 20.8	-1.02	- 4.5	0.9/23.3	59723
2001 XV ₃₀	2009 10 22.6	01 48.64 -15 55.9 19.3	-0.84	- 4.3	10.6/13.9	64172
2005 QJ ₁₃₁	2009 10 22.6	01 48.66 +12 33.3 21.3	-1.04	- 3.7	0.5/23.0	95716
2002 JZ ₁₂₂	2009 10 22.6	01 48.68 -07 49.9 19.1	-0.88	- 0.4	5.6/17.9	19087
2004 XR ₁₀₀	2009 10 22.6	01 48.69 +09 26.7 20.1	-0.81	- 3.7	0.6/22.1	64238
2008 OV ₅	2009 10 22.6	01 48.71 -07 28.2 20.8	-0.68	- 5.6	4.6/16.6	41708
2008 FQ ₇₆	2009 10 22.6	01 48.71 -13 12.2 19.2	-0.72	-26.6	11.4/11.3	43299
2009 RO ₃₄	2009 10 22.6	01 48.72 +12 39.3 19.7	-1.00	- 3.3	0.6/23.0	64358
2006 BR ₁₀₉	2009 10 22.6	01 48.74 +23 08.6 20.2	-0.87	- 3.1	3.6/26.1	64289
2006 AV ₁₀₀	2009 10 22.6	01 48.74 +13 04.4 21.4	-0.83	- 4.2	0.6/23.2	64287
2002 EP ₁₄	2009 10 22.6	01 48.74 +10 24.0 19.8	-0.50	- 3.7	0.1/22.4	64182
2000 QB ₁₄₄	2009 10 22.6	01 48.75 +18 25.3 18.9	-1.07	- 1.5	3.0/24.5	64154
2009 RV ₃₃	2009 10 22.6	01 48.75 +12 00.3 20.7	-0.86	- 4.0	0.3/22.9	62190
2004 XS ₁₇₉	2009 10 22.6	01 48.76 -04 04.0 19.9	-0.78	- 3.0	4.7/18.2	21162
2009 SZ ₆₅	2009 10 22.6	01 48.77 +06 30.6 20.5	-0.79	- 5.0	1.6/21.2	63968
2006 BX ₂₆₆	2009 10 22.6	01 48.79 +10 08.5 19.9	-0.76	- 6.9	0.3/22.3	64291
2003 AJ ₃₆	2009 10 22.6	01 48.79 +22 36.4 19.7	-0.96	- 7.7	4.3/26.2	64199
2007 HL ₈₆	2009 10 22.6	01 48.81 -07 31.8 19.9	-0.91	+ 0.4	6.1/18.0	64322
2005 SA ₂₃₃	2009 10 22.6	01 48.82 +12 00.2 19.8	-0.89	- 7.4	0.3/22.9	64257
2003 YK ₃₉	2009 10 22.6	01 48.84 +17 59.3 20.7	-1.10	- 5.0	2.8/24.5	62381
2005 UD ₁₅₆	2009 10 22.6	01 48.84 -14 03.0 18.6	-0.90	+ 5.6	13.4/17.8	60844
2005 MF ₉	2009 10 22.6	01 48.85 -00 01.6 20.5	-0.97	- 5.8	4.3/19.5	58502
2009 SQ ₄₉	2009 10 22.6	01 48.85 +24 47.5 19.3	-1.17	- 0.1	5.4/26.0	63964
2006 CZ ₁₈	2009 10 22.6	01 48.85 -16 33.8 19.8	-0.75	- 3.2	7.8/13.8	22538
2009 SP ₄₃	2009 10 22.6	01 48.88 +14 07.4 19.4	-0.96	- 9.8	1.2/23.6	64369
2007 EZ ₁₈₂	2009 10 22.6	01 48.91 +12 12.1 19.4	-0.74	- 7.0	0.3/23.0	64315
2005 KH ₁₃	2009 10 22.6	01 48.92 -04 53.9 19.4	-0.51	- 2.2	3.0/17.7	64242
2008 FB ₆₈	2009 10 22.6	01 48.92 +03 41.2 19.6	-0.94	-20.8	3.2/19.8	63848
2005 VK ₆	2009 10 22.6	01 48.93 +25 33.0 19.4	-0.90	- 8.6	5.2/27.6	63754
2007 ER ₃₀	2009 10 22.6	01 48.94 +10 34.9 20.9	-0.93	- 4.5	0.2/22.5	64311
2001 UE ₄₃	2009 10 22.6	01 48.94 +07 22.6 19.1	-0.94	- 3.5	1.6/21.6	64167

2009 TF ₁	2009 10 22.6	01 48.95 +04 54.2 19.6	-1.03	- 1.6	3.0/21.2	64052
2000 UB ₁₁	2009 10 22.6	01 48.95 +16 23.8 17.9	-0.73	-12.1	2.0/24.6	64157
2006 DB ₁₄₇	2009 10 22.6	01 48.97 +16 51.4 21.0	-0.78	- 3.6	1.5/24.3	62481
1998 JZ ₃	2009 10 22.6	01 49.00 -18 45.5 20.0	-1.28	+ 3.4	11.1/17.1	39134
2002 TZ ₂₆₇	2009 10 22.6	01 49.00 +19 21.3 19.0	-1.11	- 3.2	3.6/24.8	64194
2007 BW ₂₁	2009 10 22.6	01 49.00 +03 52.8 20.9	-0.94	- 4.8	2.5/20.6	63811
2005 QV ₁₈₀	2009 10 22.6	01 49.01 +12 28.4 18.8	-1.23	+ 2.7	0.6/22.9	64251
2005 WG ₉₄	2009 10 22.7	01 48.92 +03 51.1 20.0	-0.91	- 3.1	2.8/20.7	63767
2006 WL ₂₀₄	2009 10 22.7	01 48.93 +25 47.5 19.3	-0.99	- 4.9	7.2/27.0	64300
2001 XV ₂₆	2009 10 22.7	01 48.94 +22 40.4 19.0	-1.00	- 3.4	4.1/25.8	64172
2009 SM ₄₇	2009 10 22.7	01 48.96 +17 02.7 19.8	-0.89	- 1.9	1.9/24.3	64370
2004 XS ₂₇	2009 10 22.7	01 48.96 +07 31.7 20.6	-0.76	- 4.1	1.0/21.6	64237
2009 SC ₉₆	2009 10 22.7	01 48.96 +11 50.8 17.9	-0.97	+ 2.2	0.3/22.8	63976
2002 BH ₃₂	2009 10 22.7	01 48.96 +26 11.5 20.4	-0.97	- 2.5	4.7/26.9	64179
2003 HY ₂₇	2009 10 22.7	01 48.98 +16 29.9 19.9	-0.85	- 7.7	1.6/24.4	64203
2004 FD ₅₂	2009 10 22.7	01 48.99 +04 43.2 20.1	-0.95	- 6.9	2.4/20.8	64217
2003 FL ₁₃₃	2009 10 22.7	01 49.00 +07 12.8 20.1	-0.48	- 3.8	0.7/21.4	63655
2007 CJ ₅₀	2009 10 22.7	01 49.00 +15 59.6 18.6	-0.89	- 8.4	2.0/24.2	64306
2005 QL ₈₉	2009 10 22.7	01 49.00 +21 53.6 19.2	-1.01	- 4.7	4.7/25.8	64249
2003 FS ₄₆	2009 10 22.7	01 49.02 +07 50.5 20.5	-0.90	- 6.2	1.2/21.7	64202
2005 UA ₂₄₉	2009 10 22.7	01 49.02 +06 23.6 20.0	-0.95	- 2.8	1.9/21.5	64267
2004 VH ₂₉	2009 10 22.7	01 49.04 -04 49.6 19.9	-0.92	+ 0.2	4.8/18.8	64235
2001 QL ₅₃	2009 10 22.7	01 49.05 +35 54.1 19.8	-1.30	- 1.8	9.4/29.9	87439
2006 BW ₂₇₆	2009 10 22.7	01 49.06 +11 29.3 20.0	-0.83	- 3.7	0.1/22.8	63793
2007 DQ ₄₇	2009 10 22.7	01 49.06 +15 01.7 21.5	-0.88	- 4.3	1.1/23.8	64308
2004 GK ₁₃	2009 10 22.7	01 49.07 +22 48.5 21.6	-1.04	- 3.8	3.7/25.9	03620
2007 CG ₆₂	2009 10 22.7	01 49.09 +14 11.6 20.5	-0.93	- 8.5	1.1/23.7	64307
2007 GB ₄	2009 10 22.7	01 49.12 +03 57.0 20.3	-0.87	- 2.0	2.3/20.8	64318
2004 VY ₆₈	2009 10 22.7	01 49.15 +09 47.4 19.7	-0.78	- 4.8	0.6/22.3	63694
2007 EQ ₅₂	2009 10 22.7	01 49.16 +23 01.4 20.7	-0.93	- 3.5	3.5/26.1	17813
2005 TY ₆₄	2009 10 22.7	01 49.24 +12 31.2 20.4	-0.97	- 5.2	0.5/23.1	20403
2008 GS ₂₀	2009 10 22.7	01 49.30 +09 08.5 19.4	-1.10	- 2.9	0.8/22.3	64329
2007 GZ ₆₈	2009 10 22.7	01 49.30 +10 05.2 20.4	-0.82	- 5.4	0.4/22.4	64320
2007 EL ₁₄₅	2009 10 22.7	01 49.33 +18 09.1 20.2	-1.06	- 0.4	2.9/24.4	63826
2001 CP ₃₄	2009 10 22.7	01 49.36 -27 55.3 21.1	-1.03	- 3.7	13.0/09.6	33312
2007 HL ₄₈	2009 10 22.7	01 49.36 +03 49.2 19.4	-0.84	- 1.4	2.3/20.9	63836
2009 RD ₅₃	2009 10 22.7	01 49.36 +05 59.2 19.2	-0.73	- 7.4	1.7/21.1	64361
2007 AJ ₁₄	2009 10 22.7	01 49.39 -01 17.0 19.8	-0.92	- 5.2	4.5/19.2	64302
2001 XZ ₉₁	2009 10 22.8	01 49.31 +15 11.9 19.5	-0.93	- 5.0	1.7/23.9	64173
2005 PP ₁₄	2009 10 22.8	01 49.33 +09 59.6 19.7	-1.00	- 4.0	0.5/22.5	64246
2005 VQ ₄	2009 10 22.8	01 49.33 +20 51.9 19.2	-0.88	- 9.2	3.3/26.0	64271
2005 EE ₃₃	2009 10 22.8	01 49.36 +24 49.1 18.9	-1.03	-18.5	5.6/27.9	64240
2005 TA ₅₈	2009 10 22.8	01 49.38 +08 25.2 20.5	-0.85	- 8.6	1.0/21.9	64258
2009 QJ ₂₆	2009 10 22.8	01 49.38 +02 33.3 20.1	-0.86	- 1.0	3.0/20.6	63912
2003 GE	2009 10 22.8	01 49.38 -08 57.6 19.4	-0.95	-20.9	8.8/14.8	64203
2006 BH ₁₅₈	2009 10 22.8	01 49.39 -01 40.3 19.9	-0.73	- 6.0	4.1/18.7	64290
2006 DM ₃₁	2009 10 22.8	01 49.39 +21 09.6 20.0	-0.86	- 2.5	3.2/25.6	01341
2007 BP ₈₀	2009 10 22.8	01 49.43 +23 07.0 20.3	-1.04	- 4.5	4.9/26.1	41310
2003 OG ₃₃	2009 10 22.8	01 49.43 -16 34.1 20.6	-0.77	- 5.0	7.6/14.1	40680
2004 XC ₁₄₉	2009 10 22.8	01 49.45 +02 58.1 19.5	-0.82	- 2.8	2.8/20.6	64239
2009 ST ₂₀₅	2009 10 22.8	01 49.47 +12 04.7 20.1	-1.09	- 3.8	0.3/23.0	64015

2008 NZ	2009 10 22.8	01 49.47 +33 54.6 21.7	-0.96	- 4.9	6.3/30.2	58608
2008 FG ₆₉	2009 10 22.8	01 49.49 +06 47.0 21.3	-0.99	- 5.3	1.6/21.6	64328
2008 DK ₆₉	2009 10 22.8	01 49.49 +19 50.5 19.9	-1.59	+ 3.6	3.9/24.3	63844
2007 ED ₂₅	2009 10 22.8	01 49.53 +08 06.4 20.1	-0.86	- 6.2	1.0/21.9	64311
2004 JW ₃₀	2009 10 22.8	01 49.54 -09 39.1 19.6	-1.03	+ 0.6	7.7/18.2	62393
2005 VA ₃₉	2009 10 22.8	01 49.56 +06 57.5 19.9	-0.84	- 6.1	1.6/21.6	64272
2002 GC ₇₀	2009 10 22.8	01 49.57 +05 30.5 19.6	-0.93	- 4.4	2.0/21.2	64184
2006 BV ₉₀	2009 10 22.8	01 49.57 -10 01.9 21.4	-0.81	- 4.1	6.2/16.3	97049
2008 RO ₁₂₅	2009 10 22.8	01 49.58 +13 41.5 20.6	-0.53	- 3.2	0.5/23.6	63865
2007 EU ₉₉	2009 10 22.8	01 49.58 +12 51.0 20.4	-0.93	- 4.0	0.6/23.3	64313
2009 SZ ₄₃	2009 10 22.8	01 49.59 +19 06.0 19.8	-0.92	- 2.0	2.5/24.9	63961
2003 ES ₃₄	2009 10 22.8	01 49.62 +05 19.1 20.0	-0.82	- 7.7	1.8/21.0	64202
2009 TK ₁₃	2009 10 22.8	01 49.63 +02 28.5 19.3	-0.87	- 3.9	4.3/20.4	64059
2005 SV ₂₆₅	2009 10 22.8	01 49.65 +07 08.8 20.7	-0.96	- 5.3	1.5/21.7	62438
2005 ST ₁₀₃	2009 10 22.8	01 49.66 +17 10.6 19.1	-0.93	- 5.8	2.5/24.6	64254
2002 CZ ₂₀₆	2009 10 22.8	01 49.68 -05 01.2 19.6	-0.49	- 3.0	2.9/17.6	89244
2006 CD ₁₇	2009 10 22.8	01 49.72 -05 56.2 19.7	-0.74	- 5.4	5.9/17.5	64292
2002 CF ₃₁₆	2009 10 22.9	01 49.68 +17 59.1 20.6	-0.53	- 2.3	1.2/25.0	62343
2008 ES ₁₃₇	2009 10 22.9	01 49.69 +06 15.8 20.5	-0.98	- 5.5	1.9/21.5	64326
2004 FC ₉₄	2009 10 22.9	01 49.72 +04 12.8 19.0	-0.87	-16.1	2.6/20.3	64217
2003 ST ₃₃₇	2009 10 22.9	01 49.72 +04 48.3 19.8	-0.69	- 7.4	1.8/20.8	64210
2004 ED ₉₆	2009 10 22.9	01 49.77 +42 58.0 21.0	-1.54	+ 1.9	11.5/30.4	18068
2007 GA ₇₆	2009 10 22.9	01 49.81 +06 06.2 20.6	-0.88	- 1.4	1.6/21.6	64320
2006 BH ₂₁₂	2009 10 22.9	01 49.81 +03 36.9 20.7	-0.74	- 4.5	2.2/20.6	64291
2006 BJ ₁₀₈	2009 10 22.9	01 49.82 -09 30.0 21.5	-0.74	- 4.0	5.6/16.5	20486
2005 WN ₃₀	2009 10 22.9	01 49.84 +09 45.5 18.3	-0.86	- 1.1	0.8/22.5	64274
2003 QP ₁₆	2009 10 22.9	01 49.85 -04 05.2 20.0	-0.71	- 6.0	4.8/18.0	64205
2004 XW ₁₄₂	2009 10 22.9	01 49.94 +01 06.1 19.5	-0.87	- 1.0	3.4/20.3	64239
2007 EU ₁₃₁	2009 10 22.9	01 49.95 -02 03.9 19.1	-0.71	- 8.8	4.3/18.4	64314
2005 VN ₅₈	2009 10 22.9	01 49.98 +17 21.6 20.4	-0.98	- 3.9	2.2/24.6	62457
2005 WG ₃₄	2009 10 22.9	01 49.99 +28 44.2 19.6	-0.85	- 9.4	7.1/29.1	97983
2005 YY ₃₉	2009 10 22.9	01 50.00 +13 09.7 21.2	-0.79	- 4.4	0.5/23.5	64281
2008 GJ ₆₂	2009 10 22.9	01 50.04 +07 18.6 20.4	-0.96	- 5.9	1.5/21.8	64330
2007 EW ₄₈	2009 10 22.9	01 50.05 +11 42.8 19.7	-1.02	- 1.5	0.1/23.1	64312
2008 FK ₁₁₆	2009 10 22.9	01 50.05 +06 40.4 21.6	-0.94	- 4.8	1.6/21.7	51069
2001 XR ₃₄	2009 10 22.9	01 50.06 +34 47.7 18.8	-1.05	- 4.3	8.6/30.4	64173
2006 CU ₅₂	2009 10 22.9	01 50.09 -05 03.9 20.3	-0.76	- 5.4	5.3/17.8	64292
2000 WE ₉₄	2009 10 22.9	01 50.11 +21 32.3 18.1	-0.83	- 6.7	4.1/26.2	64157
2006 BX ₂₂₂	2009 10 22.9	01 50.12 +09 20.3 20.3	-0.81	- 4.7	0.6/22.4	64291
2008 GO ₁₂₃	2009 10 22.9	01 50.13 +09 54.9 19.5	-0.84	-10.4	0.5/22.5	64331
2003 GQ ₅₁	2009 10 22.9	01 50.13 -10 15.1 20.7	-0.85	- 4.6	6.3/16.4	40679
2002 TJ ₁₂₀	2009 10 22.9	01 50.14 +26 46.8 19.2	-1.29	+ 0.7	7.6/26.7	63641
2005 SB ₂₅₁	2009 10 22.9	01 50.19 +46 06.3 18.6	-2.01	+16.9	18.9/25.0	64257
2004 PV ₃₁	2009 10 23.0	01 50.07 +27 16.8 20.4	-1.03	- 2.8	5.1/27.5	20793
2002 EN ₁₄₂	2009 10 23.0	01 50.07 -01 38.9 20.4	-0.77	- 6.1	3.9/19.0	19576
2007 RD ₂₃₇	2009 10 23.0	01 50.13 +16 21.0 20.5	-0.52	- 2.8	0.9/24.6	62522
2007 DS ₉	2009 10 23.0	01 50.15 +22 35.3 20.2	-0.89	- 5.5	3.3/26.4	41862
2005 VR ₁₃₅	2009 10 23.0	01 50.15 -01 13.6 20.7	-0.94	- 3.0	4.3/19.6	41833
2001 YL ₄	2009 10 23.0	01 50.16 -12 25.2 19.0	-0.96	- 2.6	9.2/16.0	62334
2005 QY ₆₄	2009 10 23.0	01 50.16 +00 26.2 20.4	-0.94	- 5.5	3.9/19.9	64248
2006 DJ ₁₁	2009 10 23.0	01 50.17 +15 32.7 21.9	-0.84	- 3.2	1.1/24.0	02287

2007 BQ ₄₀	2009 10 23.0	01 50.19 +12 16.1 20.0	-1.00	- 5.7	0.4/23.3	64304
2002 QC ₇₈	2009 10 23.0	01 50.19 +10 06.8 19.4	-0.93	- 7.2	0.6/22.7	64189
2005 GY ₂₅	2009 10 23.0	01 50.20 +12 34.3 20.2	-1.13	- 4.5	0.5/23.4	64241
2007 EM ₄	2009 10 23.0	01 50.23 +06 33.7 21.0	-0.94	- 6.5	2.0/21.6	64310
2006 BT ₂₇₆	2009 10 23.0	01 50.25 +31 24.6 21.9	-0.89	- 2.2	4.9/28.9	53476
2001 WM ₉₂	2009 10 23.0	01 50.25 +24 45.8 18.4	-0.89	- 8.5	5.4/27.5	64172
2007 PP ₄₇	2009 10 23.0	01 50.27 -00 48.0 20.6	-0.47	- 3.3	2.1/19.1	64323
2005 YG ₁₈₁	2009 10 23.0	01 50.29 -06 20.2 19.4	-0.76	- 8.3	6.7/17.1	64284
2000 GW ₅₁	2009 10 23.0	01 50.30 +09 43.0 21.6	-0.96	- 4.5	0.5/22.6	64153
2006 DV ₇₇	2009 10 23.0	01 50.31 +02 35.2 19.6	-0.76	- 5.0	3.0/20.4	63796
2002 PV ₆₈	2009 10 23.0	01 50.32 +22 46.5 21.0	-1.09	- 7.5	3.8/26.5	33348
2004 RH ₃₂₃	2009 10 23.0	01 50.34 +24 11.1 19.2	-0.95	- 2.4	4.6/26.6	64227
2007 EH ₂₈	2009 10 23.0	01 50.34 +10 48.2 19.8	-0.94	- 6.0	0.3/22.9	63820
2005 WS ₂₄	2009 10 23.0	01 50.35 +13 26.7 19.4	-0.90	- 3.5	0.9/23.6	63760
2005 XH ₁₁₂	2009 10 23.0	01 50.38 -05 29.7 19.7	-0.77	- 3.8	4.9/18.0	64280
2009 RE ₅₃	2009 10 23.0	01 50.39 +11 43.5 20.6	-0.94	- 1.4	0.1/23.2	64361
2005 WU ₁₄₇	2009 10 23.0	01 50.41 +13 14.9 19.9	-0.90	- 4.5	0.8/23.6	64277
2009 RS ₃₃	2009 10 23.0	01 50.41 +07 25.2 19.1	-0.80	-10.2	1.5/21.7	64358
2002 RJ ₂₄₀	2009 10 23.0	01 50.43 +07 21.1 20.0	-0.79	- 9.9	1.9/21.7	63635
2003 FU ₆₁	2009 10 23.0	01 50.44 +10 09.6 20.4	-0.92	- 2.8	0.4/22.8	64202
2007 BP ₇₄	2009 10 23.0	01 50.44 +29 36.8 20.5	-1.03	- 3.3	5.9/28.4	22872
2007 EF ₂₇	2009 10 23.0	01 50.45 +23 30.8 22.0	-0.89	- 1.7	3.1/26.4	20852
2006 BZ ₁₃₄	2009 10 23.0	01 50.46 +11 59.1 20.5	-0.83	- 4.0	0.2/23.3	62478
2009 RQ ₂₀	2009 10 23.0	01 50.48 +09 18.0 19.8	-0.82	- 6.9	0.8/22.5	64356
2005 YE ₄₇	2009 10 23.0	01 50.49 +33 49.3 19.6	-0.96	- 3.4	9.3/30.1	62469
2007 CG ₁₉	2009 10 23.1	01 50.45 +21 33.4 19.3	-0.99	- 6.2	3.9/26.2	64305
2009 RB ₃₄	2009 10 23.1	01 50.46 +12 23.6 20.0	-0.82	- 2.9	0.3/23.4	64358
2005 WN ₁₇₆	2009 10 23.1	01 50.47 +15 07.5 21.1	-0.89	- 4.3	1.3/24.2	63773
2004 FY ₄₆	2009 10 23.1	01 50.49 +13 31.0 21.4	-0.92	- 6.3	0.6/23.7	66349
2008 KN ₃₇	2009 10 23.1	01 50.50 +08 10.7 20.7	-1.02	- 3.0	1.2/22.3	41688
2006 DB ₃₅	2009 10 23.1	01 50.52 +12 11.2 20.7	-0.80	- 3.9	0.2/23.4	11159
2007 JE	2009 10 23.1	01 50.54 +14 39.5 19.6	-0.85	- 6.0	1.1/24.0	63838
2006 BQ ₂	2009 10 23.1	01 50.54 +23 47.5 20.7	-0.80	- 4.7	3.3/26.9	64288
2007 BV ₃₅	2009 10 23.1	01 50.55 +14 59.3 20.8	-1.01	- 5.2	1.3/24.0	18189
2007 LP ₃₇	2009 10 23.1	01 50.55 +07 40.2 20.8	-0.71	- 6.0	1.0/22.0	64323
2006 YE ₂	2009 10 23.1	01 50.58 +06 52.7 20.8	-0.94	- 5.3	1.5/21.9	64301
2006 YK ₅	2009 10 23.1	01 50.60 -00 27.4 20.3	-0.99	- 3.1	4.4/20.1	64301
2009 RN ₃₄	2009 10 23.1	01 50.60 +15 18.1 19.4	-1.01	- 0.8	1.6/24.0	64358
2006 BX ₈₉	2009 10 23.1	01 50.60 +24 16.7 19.3	-0.90	- 3.2	4.4/26.9	64289
2005 AR ₄₅	2009 10 23.1	01 50.61 +47 37.8 19.3	-1.44	- 4.7	16.9/05.6	64239
2001 XP ₁₂₂	2009 10 23.1	01 50.63 +05 04.3 19.6	-0.87	- 3.1	3.0/21.4	64174
2002 GT ₆₃	2009 10 23.1	01 50.64 +07 26.9 19.2	-0.75	- 8.0	1.2/21.9	64184
2009 SU ₄₃	2009 10 23.1	01 50.65 +16 01.0 21.0	-0.82	- 5.8	1.4/24.6	63961
2008 FQ ₁₀	2009 10 23.1	01 50.70 +16 45.0 20.1	-1.09	- 5.8	2.2/24.7	64327
2005 XW ₅₃	2009 10 23.1	01 50.72 +24 45.1 19.2	-0.84	- 8.7	5.3/27.7	63777
2005 LZ ₁₈	2009 10 23.1	01 50.72 +14 18.4 19.9	-0.51	- 5.0	0.6/24.1	64242
2007 JW ₃₈	2009 10 23.1	01 50.74 +08 59.1 20.1	-0.90	- 0.4	0.7/22.6	64322
2009 SK ₄₈	2009 10 23.1	01 50.75 +16 43.1 19.8	-0.99	- 2.7	1.9/24.6	64370
2003 FC ₇₄	2009 10 23.1	01 50.75 +03 50.2 22.0	-0.84	- 5.4	2.2/20.9	58449
2009 SG ₄₇	2009 10 23.1	01 50.76 +15 36.4 19.7	-0.81	- 3.8	1.5/24.4	64370
2001 XZ ₁₀₄	2009 10 23.1	01 50.77 +05 01.9 20.3	-0.88	- 4.9	2.3/21.3	64173

2004 EA ₆₈	2009 10 23.1	01 50.79 +18 38.2 20.6	-1.01 - 5.4	2.4/25.2	95186
2005 XZ ₄₂	2009 10 23.1	01 50.80 +11 01.0 18.9	-0.79 - 9.0	0.2/23.1	64279
2006 BU ₇₈	2009 10 23.1	01 50.80 +25 32.2 19.7	-0.91 - 2.5	4.5/27.2	64289
2002 WE ₃₀	2009 10 23.1	01 50.81 -00 52.7 19.5	-0.94 - 3.5	5.6/19.9	64198
2002 ED ₇₂	2009 10 23.1	01 50.82 +24 48.8 19.4	-0.64 - 1.0	2.6/27.1	64183
2009 SX ₇₃	2009 10 23.1	01 50.82 +03 08.5 20.5	-0.92 - 5.8	3.3/20.8	63971
2008 JX ₂	2009 10 23.1	01 50.83 +01 46.8 20.1	-0.93 - 5.6	3.5/20.5	64333
2006 DG ₂₆	2009 10 23.1	01 50.85 +25 42.2 19.5	-0.88 - 3.0	4.4/27.3	64293
2005 UQ ₄₁₀	2009 10 23.1	01 50.85 +09 36.2 20.6	-0.86 - 5.9	0.6/22.7	64270
2005 TK ₁₈₆	2009 10 23.1	01 50.86 +10 52.2 20.8	-0.94 - 4.0	0.2/23.0	64260
2009 SZ ₂₁₂	2009 10 23.1	01 50.88 +07 58.8 18.7	-0.71 - 7.8	1.5/22.1	64017
2006 DO ₃₈	2009 10 23.1	01 50.89 +16 56.8 20.2	-0.83 - 3.3	1.6/24.8	62481
2009 SF ₈₈	2009 10 23.1	01 50.89 +05 46.0 18.7	-0.85 - 1.2	1.7/21.7	63975
2004 EJ ₉₀	2009 10 23.1	01 50.89 +08 23.6 21.6	-0.99 - 4.1	1.0/22.4	41142
2001 YY ₆₉	2009 10 23.1	01 50.90 +23 40.3 18.0	-0.88 - 3.8	5.8/26.8	64176
2009 SM ₁₃₁	2009 10 23.2	01 50.82 +06 21.5 20.5	-0.50 - 3.2	0.9/21.6	63987
2006 BS ₂	2009 10 23.2	01 50.83 -07 20.6 19.2	-0.86 - 5.0	6.8/17.3	64288
2002 JT ₈₆	2009 10 23.2	01 50.84 +17 56.7 19.6	-0.76 - 7.3	1.9/25.4	64185
2005 XF ₄	2009 10 23.2	01 50.86 +04 07.0 19.5	-0.88 - 3.2	3.2/21.2	64278
2008 JE ₁₀	2009 10 23.2	01 50.90 +11 57.2 21.4	-0.97 - 7.1	0.2/23.4	64333
2005 MK ₃₈	2009 10 23.2	01 50.94 +24 48.6 19.6	-1.06 - 5.4	5.6/27.1	64243
2003 PJ ₁₁	2009 10 23.2	01 50.95 -10 11.8 20.1	-0.72 - 6.1	6.7/16.1	10979
1999 XH ₁₄₈	2009 10 23.2	01 50.96 +00 00.9 20.0	-0.85 - 2.0	3.5/20.2	20732
2003 AP ₇₈	2009 10 23.2	01 50.99 +11 33.2 19.3	-0.88 - 6.6	0.1/23.3	64200
2006 WY ₇₅	2009 10 23.2	01 51.01 +16 49.1 19.3	-0.98 - 9.5	2.5/25.0	64300
2009 SS ₃₂₅	2009 10 23.2	01 51.03 +08 10.5 19.6	-0.86 - 8.0	1.4/22.2	64045
2001 TR ₁₆₉	2009 10 23.2	01 51.03 +20 14.6 18.4	-1.34 + 5.5	4.1/24.7	64166
2009 SV ₁₈₇	2009 10 23.2	01 51.06 +07 02.3 18.7	-0.99 + 0.4	2.3/22.3	64009
2007 DT ₉₁	2009 10 23.2	01 51.06 +16 38.2 21.1	-0.97 - 4.0	1.9/24.7	19707
2005 YX ₂₇₄	2009 10 23.2	01 51.06 -01 22.8 19.5	-0.82 - 6.1	4.4/19.2	64285
2001 TM ₁₃₄	2009 10 23.2	01 51.07 +32 38.3 18.3	-1.05 - 1.5	9.9/29.2	64166
2007 CJ ₅₉	2009 10 23.2	01 51.09 +18 43.6 19.7	-0.95 - 6.7	2.8/25.4	22875
1998 HJ	2009 10 23.2	01 51.09 +00 33.8 21.9	-0.98 - 6.1	3.8/20.2	41068
2003 UQ ₃₄₃	2009 10 23.2	01 51.09 +03 09.9 20.7	-0.69 - 6.5	2.3/20.6	64213
2008 FY ₁₂₇	2009 10 23.2	01 51.10 +09 38.6 21.5	-1.02 - 3.9	0.7/22.8	41584
2008 KJ ₃₈	2009 10 23.2	01 51.14 +09 38.8 19.9	-0.85 - 6.9	0.7/22.7	63860
2004 WV ₁	2009 10 23.2	01 51.14 +10 19.9 20.1	-0.79 - 3.9	0.3/23.0	64236
2007 CS ₅₁	2009 10 23.2	01 51.14 +17 52.9 20.2	-1.00 - 3.4	2.2/25.0	64306
2005 YO ₄₁	2009 10 23.2	01 51.17 -11 40.7 20.2	-0.97 - 2.0	8.3/16.7	62468
2002 RC ₈₂	2009 10 23.2	01 51.17 +21 49.5 19.4	-1.16 - 2.6	4.4/25.9	37964
2007 FV ₃₈	2009 10 23.2	01 51.17 +32 48.8 19.9	-1.05 - 3.5	7.0/29.5	64317
2002 GJ ₂₉	2009 10 23.2	01 51.18 +03 40.1 21.1	-0.80 - 6.1	2.5/20.9	64184
2007 BB ₂₅	2009 10 23.2	01 51.20 +00 31.4 19.5	-0.93 - 3.8	5.1/20.3	64303
2002 EY ₁₆₂	2009 10 23.2	01 51.22 +24 05.1 19.7	-0.63 - 1.1	2.4/27.0	64183
2009 SC ₈₈	2009 10 23.2	01 51.22 +03 37.1 20.1	-0.83 - 6.1	2.8/20.9	63975
2006 DG ₁₅₃	2009 10 23.2	01 51.22 +33 22.2 19.2	-1.08 + 0.6	8.0/29.0	64294
2001 XP ₂₃₁	2009 10 23.2	01 51.23 +18 01.6 19.3	-0.99 - 4.7	2.5/25.1	62334
2007 HD ₅₅	2009 10 23.2	01 51.26 +02 14.2 20.3	-0.71 - 5.8	2.4/20.4	64321
2004 CO ₁₀₈	2009 10 23.2	01 51.29 +07 33.5 20.1	-0.96 - 8.4	1.6/22.1	64215
2007 HD ₅₈	2009 10 23.3	01 51.22 +01 39.1 20.7	-0.77 - 7.4	2.9/20.2	64321
2009 SX ₆₆	2009 10 23.3	01 51.22 +04 48.3 20.4	-0.86 - 5.5	2.4/21.4	63969

2009 SK ₂₃₃	2009 10 23.3	01 51.23 +09 07.2 19.3	-0.87 - 1.1	0.7/22.7	64022
2009 SS ₃₃₄	2009 10 23.3	01 51.27 +07 30.0 18.3	-1.16 + 3.8	1.7/22.6	64048
2004 EN ₂	2009 10 23.3	01 51.27 +19 18.8 19.9	-1.09 - 3.9	3.4/25.4	64216
2008 FY ₁₁₇	2009 10 23.3	01 51.28 +11 42.8 20.1	-0.98 - 4.9	0.1/23.4	64329
2002 JE ₉₁	2009 10 23.3	01 51.29 +14 47.0 20.5	-0.86 - 6.1	1.1/24.0	64185
2009 ST ₂₁₄	2009 10 23.3	01 51.30 +06 07.6 19.8	-0.71 - 7.2	1.6/21.6	64018
2003 SW ₂₁₇	2009 10 23.3	01 51.32 +17 16.5 19.5	-0.81 - 4.4	1.9/25.0	63665
2005 WH ₁₅	2009 10 23.3	01 51.34 +05 00.0 19.7	-0.94 - 2.2	2.8/21.7	64274
2009 SY ₇₃	2009 10 23.3	01 51.35 +05 56.7 21.5	-0.85 - 1.6	1.6/21.9	63972
2005 YF ₉₂	2009 10 23.3	01 51.36 +00 57.0 21.2	-0.77 - 4.1	3.0/20.3	64282
2008 GT ₆₂	2009 10 23.3	01 51.37 +10 46.7 20.4	-0.87 - 9.8	0.2/23.1	64330
2004 TQ ₁₂₅	2009 10 23.3	01 51.37 +08 40.6 19.5	-0.78 - 6.4	1.0/22.5	64231
2003 QP ₃₅	2009 10 23.3	01 51.39 +26 33.3 18.6	-0.93 - 2.1	5.2/27.6	64205
2006 BB ₂₇₈	2009 10 23.3	01 51.40 -04 43.4 20.5	-0.80 - 3.2	4.9/18.7	41241
2009 SK ₃₃₉	2009 10 23.3	01 51.42 +19 38.5 19.4	-0.55 - 2.5	1.6/25.9	64051
2005 YQ ₁₄₂	2009 10 23.3	01 51.43 +11 15.6 20.9	-0.84 - 3.9	0.1/23.3	64283
2005 YV ₁₀	2009 10 23.3	01 51.43 +12 34.7 19.1	-0.87 - 4.8	0.5/23.7	64280
2005 VA ₁₂₇	2009 10 23.3	01 51.44 +07 08.4 20.9	-0.82 - 8.2	1.9/22.0	63758
2009 SF ₁₃₆	2009 10 23.3	01 51.45 +12 34.6 20.0	-0.85 - 6.1	0.5/23.7	63990
2009 RC ₃₅	2009 10 23.3	01 51.45 +16 44.2 19.5	-1.19 + 1.6	2.2/24.0	63936
2002 CD ₃₁₄	2009 10 23.3	01 51.46 +15 34.9 20.1	-1.06 - 2.2	1.7/24.0	64182
2007 EV ₁₀₉	2009 10 23.3	01 51.47 +06 03.0 20.5	-0.80 - 4.4	1.7/21.8	64313
2008 LZ ₄	2009 10 23.3	01 51.48 -11 03.4 20.6	-0.77 - 2.8	6.4/16.8	40777
2002 CL ₂₈₉	2009 10 23.3	01 51.52 -06 27.9 19.8	-0.93 - 2.3	6.1/18.5	64181
2002 PR ₁₇₈	2009 10 23.3	01 51.53 +45 06.4 20.9	-1.05 - 1.6	7.9/03.3	52347
2008 JO ₃₉	2009 10 23.3	01 51.54 -10 42.0 19.9	-0.81 - 4.7	8.6/16.7	60906
2009 SK ₄₃	2009 10 23.3	01 51.57 +15 47.7 19.9	-0.76 - 6.8	1.4/24.8	63960
2007 EL ₁₁₆	2009 10 23.3	01 51.57 +05 07.7 19.2	-0.88 - 1.2	2.1/21.8	64314
2004 XW ₆₇	2009 10 23.3	01 51.58 +10 28.9 19.3	-0.77 - 5.2	0.4/23.1	64238
2001 XJ ₁₂₅	2009 10 23.3	01 51.58 +01 46.5 18.6	-0.99 + 0.5	4.5/21.2	64175
2005 LZ ₃₈	2009 10 23.3	01 51.59 +01 24.5 20.6	-0.47 - 3.6	1.8/20.1	64242
2004 RQ ₄₃	2009 10 23.3	01 51.61 +23 44.3 19.8	-0.97 - 3.6	4.1/26.9	60807
2005 PL ₁₇	2009 10 23.3	01 51.70 +20 19.9 19.9	-1.17 - 2.9	3.5/25.7	64246
2003 SF ₃₃₀	2009 10 23.4	01 51.61 +12 41.4 20.1	-0.78 - 4.3	0.4/23.8	63667
2007 EP ₇₈	2009 10 23.4	01 51.61 +07 35.8 20.0	-0.86 - 5.7	1.4/22.3	64313
2005 YX ₁₈₅	2009 10 23.4	01 51.63 +24 28.6 20.4	-0.88 - 3.5	3.9/27.2	01189
2009 RL ₅₉	2009 10 23.4	01 51.68 +10 07.1 18.0	-0.73 - 3.4	0.7/23.0	64362
2002 VG ₆₂	2009 10 23.4	01 51.70 +14 39.1 18.4	-0.97 - 2.6	1.6/24.3	64196
2000 RW ₈₇	2009 10 23.4	01 51.71 +21 51.4 19.5	-0.96 - 4.9	3.7/26.5	64155
2005 UT ₁₆	2009 10 23.4	01 51.72 +10 27.2 19.4	-0.89 - 7.0	0.4/23.1	64261
2006 BV ₁₈₂	2009 10 23.4	01 51.73 +23 14.0 20.4	-0.87 - 3.1	3.5/26.8	63791
2004 XQ ₈₁	2009 10 23.4	01 51.74 +02 04.3 19.2	-0.78 - 3.8	3.0/20.7	64238
2008 JO ₃₄	2009 10 23.4	01 51.74 -05 29.9 20.0	-0.88 - 4.1	6.4/18.6	40048
2005 WQ ₁₉₃	2009 10 23.4	01 51.75 -15 07.8 19.2	-0.84 - 3.9	10.1/15.0	64278
2004 XD ₉₁	2009 10 23.4	01 51.75 +09 21.1 20.2	-0.79 - 3.9	0.6/22.8	63699
2009 SW ₄₃	2009 10 23.4	01 51.78 +16 50.0 19.6	-0.85 - 6.6	1.9/25.1	63961
2006 BC ₁₁₃	2009 10 23.4	01 51.78 +13 26.4 20.3	-0.87 - 3.8	0.7/24.0	63790
2009 RA ₅₅	2009 10 23.4	01 51.81 +08 17.2 19.9	-0.77 - 4.7	1.2/22.5	63942
2007 DW ₆₈	2009 10 23.4	01 51.81 +14 28.6 20.3	-0.91 - 3.7	1.0/24.3	64309
2004 TB ₂₅₃	2009 10 23.4	01 51.81 +11 59.4 20.3	-0.85 - 4.8	0.2/23.6	64233
2006 KB ₁₂₄	2009 10 23.4	01 51.82 +14 00.1 20.3	-0.97 -25.1	1.1/24.4	63799

2009 TD ₂₇	2009 10 23.4	01 51.83 +00 35.8 19.4	-0.96 - 3.9	4.9/20.4	64066	2002 VE ₁₄₇	2009 10 23.6	01 52.41 +07 10.6 19.6	-0.93 - 3.6	2.1/22.4	64197
2007 DE ₂₄	2009 10 23.4	01 51.83 +07 10.5 19.4	-0.92 - 6.3	1.8/22.2	64308	2009 RZ ₃₄	2009 10 23.6	01 52.41 +14 07.4 19.3	-0.94 - 1.0	0.9/24.3	64358
2002 PJ ₁₅₂	2009 10 23.4	01 51.83 +27 50.4 20.7	-1.19 - 5.0	7.1/28.3	37298	2007 BB ₇₉	2009 10 23.6	01 52.41 +12 47.5 20.8	-0.99 - 5.6	0.5/24.0	63812
2005 TS ₁₆₅	2009 10 23.4	01 51.85 +14 07.5 20.1	-0.97 - 3.7	0.8/24.2	63734	2000 GG ₂₅	2009 10 23.6	01 52.42 +15 07.3 20.4	-1.03 - 3.2	1.2/24.5	64153
2003 RA ₂₇	2009 10 23.4	01 51.86 +24 06.0 20.0	-0.85 - 3.3	3.8/27.2	64206	2007 GJ ₂₂	2009 10 23.6	01 52.43 +10 37.8 21.0	-0.78 - 4.5	0.2/23.4	64318
2009 SW ₇₃	2009 10 23.4	01 51.89 +05 52.0 19.4	-0.93 - 2.1	2.3/22.0	63971	2009 SG ₂₇₁	2009 10 23.6	01 52.46 +11 51.1 20.4	-0.85 -13.8	0.1/23.7	64034
2006 DG ₄	2009 10 23.4	01 51.89 -00 03.5 19.7	-0.72 - 5.9	3.4/19.8	64292	2007 ED ₁₁₃	2009 10 23.6	01 52.46 +03 47.5 21.1	-0.84 - 6.3	2.4/21.3	64314
2006 BG ₂₁₁	2009 10 23.4	01 51.92 +08 26.4 21.3	-0.77 - 4.0	0.9/22.6	62479	2006 FL ₂₃	2009 10 23.6	01 52.49 +17 04.1 20.5	-0.98 + 0.3	1.6/24.9	64295
2005 QD ₁₅₁	2009 10 23.4	01 51.93 +11 44.8 19.9	-0.97 - 4.1	11.0/13.0	64250	2005 UT ₄₄₁	2009 10 23.6	01 52.53 +12 12.2 20.8	-0.85 - 6.9	0.2/23.8	64270
2008 GM ₃₁	2009 10 23.4	01 51.93 +04 07.9 19.1	-1.72 + 9.7	3.9/22.7	64329	2009 SD ₁₃₈	2009 10 23.6	01 52.53 +12 02.6 19.7	-0.95 - 5.2	10.8/04.0	63991
2007 EL ₁₁₇	2009 10 23.4	01 51.97 +07 48.3 19.9	-1.06 + 0.2	1.4/22.7	64314	2009 RX ₃₄	2009 10 23.6	01 52.54 +13 03.5 20.0	-0.87 - 1.9	0.5/24.0	64358
2003 SC ₄₂₂	2009 10 23.4	01 52.03 +22 29.4 21.3	-0.86 - 3.0	3.2/26.6	22454	2004 RX ₁₇₇	2009 10 23.6	01 52.57 +18 31.2 18.5	-0.79 - 8.1	2.7/25.9	64225
2004 BR ₈₇	2009 10 23.4	01 52.03 +11 22.3 20.6	-1.02 - 6.4	0.1/23.5	64214	2008 GW ₁₁₉	2009 10 23.6	01 52.61 +12 01.7 20.0	-0.85 - 9.5	8.7/13.0	64331
2005 UK ₁₃₈	2009 10 23.4	01 52.04 +12 01.2 20.3	-0.93 - 4.8	0.2/23.6	64264	2009 SV ₂₀₄	2009 10 23.6	01 52.62 +12 14.5 20.8	-0.99 - 6.2	0.2/23.9	64014
2007 GP ₆₁	2009 10 23.5	01 51.96 +15 40.8 21.0	-0.94 - 4.0	1.5/24.6	64319	2007 ML ₁₆	2009 10 23.6	01 52.67 -02 14.5 21.4	-0.69 - 6.4	3.5/19.2	22893
2007 BK ₂₀	2009 10 23.5	01 51.99 -04 37.5 20.7	-0.99 - 5.9	6.5/18.7	22870	2002 EK ₅₁	2009 10 23.6	01 52.68 -01 23.8 21.0	-0.47 - 3.5	2.2/19.5	62344
2003 SL ₃₇₉	2009 10 23.5	01 52.00 +05 53.6 20.8	-0.73 - 5.8	1.9/21.8	63668	2008 FD ₁₃₀	2009 10 23.6	01 52.68 +05 19.5 21.1	-1.07 - 3.3	2.5/22.1	63850
2005 XQ ₇₃	2009 10 23.5	01 52.01 +12 55.1 19.3	-0.89 - 3.4	0.6/23.9	63777	2009 SJ ₇₄	2009 10 23.6	01 52.68 +06 27.1 20.9	-0.91 - 1.3	1.7/22.4	64374
2008 HX ₅₀	2009 10 23.5	01 52.01 +07 55.9 21.2	-0.96 - 5.6	1.3/22.5	40024	2005 UP ₁₃₁	2009 10 23.6	01 52.69 -11 33.9 19.2	-0.74 - 8.7	9.5/15.2	64264
2003 ST ₆₁	2009 10 23.5	01 52.04 -12 26.2 19.5	-0.69 - 7.2	7.6/15.2	62375	2007 GG ₆₇	2009 10 23.6	01 52.71 +13 01.0 21.2	-0.77 - 4.1	0.4/24.1	64320
2009 SD ₃₂₈	2009 10 23.5	01 52.05 +10 05.9 19.6	-0.89 - 9.7	0.7/23.1	64046	2006 AE ₄₄	2009 10 23.6	01 52.72 -05 37.3 19.9	-0.78 - 5.0	5.7/18.4	02269
2002 RA ₇₆	2009 10 23.5	01 52.08 +12 20.6 19.8	-0.98 - 5.3	11.8/13.0	64190	2004 DM ₅₇	2009 10 23.6	01 52.73 -02 01.6 20.8	-0.98 - 5.8	5.2/19.8	97699
2005 UR ₃₀₁	2009 10 23.5	01 52.08 -05 45.5 20.0	-1.03 + 3.0	8.0/20.0	56033	2001 WB ₇₃	2009 10 23.6	01 52.73 +05 40.7 20.1	-0.92 - 4.3	2.1/22.1	64172
2005 UV ₃₁₉	2009 10 23.5	01 52.11 +12 01.9 19.6	-0.99 - 1.5	0.2/23.7	64268	2004 PO ₃₉	2009 10 23.6	01 52.74 +24 22.4 19.7	-0.96 - 3.8	4.1/27.4	64221
2007 AH ₂₉	2009 10 23.5	01 52.13 +21 20.0 19.5	-0.97 - 5.1	4.6/26.4	63809	2001 DY ₇₇	2009 10 23.6	01 52.75 +02 00.3 20.8	-0.49 - 3.0	1.7/20.7	64159
2008 GV ₈₂	2009 10 23.5	01 52.15 +04 06.6 19.7	-1.04 - 2.4	3.2/21.7	64330	2007 FR ₃₂	2009 10 23.6	01 52.77 +08 30.0 21.5	-0.74 - 4.7	0.8/22.8	47426
2001 RG ₁₅₂	2009 10 23.5	01 52.16 +15 27.5 18.9	-1.23 + 2.5	1.7/24.3	64163	2001 FA ₈₆	2009 10 23.6	01 52.77 +11 50.6 20.8	-1.04 - 4.5	9.0/13.0	62313
2005 XX ₁₁₇	2009 10 23.5	01 52.16 +09 03.7 20.3	-0.91 - 2.8	0.9/22.9	64280	2006 BX ₅₈	2009 10 23.6	01 52.78 +31 21.7 20.4	-0.95 - 2.0	5.9/29.3	64288
2008 HG ₁₀	2009 10 23.5	01 52.17 +11 43.2 20.0	-1.12 - 1.4	11.0/13.0	64332	1996 RT ₁₄	2009 10 23.6	01 52.78 +19 59.8 19.6	-1.00 - 1.2	4.0/25.9	64145
2009 SO ₂₈₉	2009 10 23.5	01 52.18 +03 51.8 19.2	-0.82 - 6.9	2.8/21.2	64040	2006 YL ₄₈	2009 10 23.6	01 52.79 +21 02.9 20.8	-1.02 - 4.8	3.5/26.4	16378
2008 RH ₁₂₅	2009 10 23.5	01 52.19 +18 03.3 20.3	-0.55 - 2.4	1.2/25.6	62101	2001 WU ₄₃	2009 10 23.7	01 52.72 +03 33.7 20.2	-0.98 - 2.2	2.9/21.7	64171
2005 BR ₄₈	2009 10 23.5	01 52.20 -09 54.0 19.5	-0.68 - 5.5	6.4/16.4	57410	2002 PV ₆₆	2009 10 23.7	01 52.75 +02 00.9 19.3	-0.93 - 6.1	4.5/20.9	64187
2003 AQ	2009 10 23.5	01 52.21 -00 41.2 19.6	-0.93 - 4.8	4.2/20.1	64199	2003 SW ₃₉	2009 10 23.7	01 52.77 +30 03.4 18.6	-1.06 + 0.3	6.1/28.4	64207
2008 JG ₃₈	2009 10 23.5	01 52.21 +06 15.4 20.6	-0.90 - 4.5	1.8/22.1	64334	1995 QD ₆	2009 10 23.7	01 52.78 +33 55.7 20.5	-0.59 - 2.5	3.9/31.1	47126
2009 TY ₂	2009 10 23.5	01 52.23 -11 56.4 19.5	-0.88 - 2.7	8.5/16.8	64053	2009 UD ₆₆	2009 10 23.7	01 52.79 +06 23.3 20.1	-0.81 - 4.1	1.7/22.2	64076
2007 EL ₅₆	2009 10 23.5	01 52.24 +00 57.7 21.2	-0.75 - 6.3	3.1/20.3	63822	2009 SL ₁₃₄	2009 10 23.7	01 52.79 +03 32.1 19.5	-0.81 - 6.6	3.4/21.2	63989
2007 EU ₁₄₉	2009 10 23.5	01 52.24 +01 04.0 20.1	-0.84 - 5.2	3.8/20.5	63827	2005 TQ ₃₅	2009 10 23.7	01 52.85 +06 18.8 20.5	-0.95 - 5.5	2.0/22.2	64258
2009 SJ ₁₅₇	2009 10 23.5	01 52.25 +11 45.5 20.3	-0.79 - 3.9	0.1/23.6	64000	2004 GB ₄₅	2009 10 23.7	01 52.86 +15 42.0 20.8	-1.03 - 5.7	1.6/24.9	64218
2009 SV ₂₈₉	2009 10 23.5	01 52.28 +07 02.0 19.3	-1.01 - 0.9	1.9/22.5	64040	2001 TW ₁₄₉	2009 10 23.7	01 52.86 +04 00.6 19.0	-0.90 - 5.7	3.2/21.5	64166
2007 LE ₁₄	2009 10 23.5	01 52.28 -14 53.7 20.0	-0.89 0.0	8.8/16.3	26294	2007 GH ₇₃	2009 10 23.7	01 52.87 +13 35.1 19.5	-0.81 - 9.0	0.7/24.4	64320
2002 XW ₄₁	2009 10 23.5	01 52.33 +12 51.9 18.8	-1.05 - 1.0	0.6/23.9	64198	2009 SA ₂₀₆	2009 10 23.7	01 52.90 +15 59.5 19.5	-1.24 + 2.6	1.6/24.6	64015
2009 SL ₄₄	2009 10 23.5	01 52.35 +16 38.5 20.0	-0.97 - 6.8	1.8/25.1	63961	2008 FA ₁₂₄	2009 10 23.7	01 52.91 +02 06.8 19.6	-0.93 - 3.7	3.6/21.2	64329
2008 GG ₁₁₀	2009 10 23.5	01 52.36 -12 10.5 19.8	-0.73 -27.4	11.1/12.6	39311	2005 WW ₁₁₆	2009 10 23.7	01 52.97 +01 07.0 19.7	-0.88 - 3.3	3.7/20.9	64276
2009 SY ₁₄₆	2009 10 23.5	01 52.40 +11 24.2 19.3	-1.12 + 0.4	0.1/23.6	63994	2003 TF ₄₇	2009 10 23.7	01 52.99 +14 50.1 19.8	-0.75 - 5.1	1.0/24.7	64211
1999 WG ₂₄	2009 10 23.5	01 52.41 +03 41.1 21.1	-1.08 - 2.6	3.5/21.6	63606	2006 AL ₁₀	2009 10 23.7	01 53.00 +16 32.8 20.5	-0.86 - 5.0	1.8/25.2	63785
2007 BO ₇₅	2009 10 23.5	01 52.43 +15 38.6 20.4	-1.05 - 4.2	1.9/24.7	64305	2007 BD ₁₃	2009 10 23.7	01 53.01 -03 31.2 20.0	-0.95 - 3.9	6.5/19.5	16383
2007 DC ₉₇	2009 10 23.6	01 52.34 +03 46.3 20.9	-0.76 - 6.0	2.2/21.2	64310	2008 KL ₄₁	2009 10 23.7	01 53.01 +05 49.2 20.7	-0.90 - 5.8	2.0/22.1	64334
2001 VP ₂	2009 10 23.6	01 52.34 -22 54.1 18.6	-0.72 -19.6	13.5/06.6	64169	2005 TR ₂₃	2009 10 23.7	01 53.02 +17 44.8 19.9	-1.05 - 3.2	2.3/25.4	62439
2007 EK ₆₉	2009 10 23.6	01 52.37 +12 32.0 20.1	-0.96 - 2.3	0.4/23.9	64312	2007 HZ ₈₀	2009 10 23.7	01 53.10 +11 03.8 21.2	-0.78 - 4.6	0.2/23.6	64321
2009 SM ₆₆	2009 10 23.6	01 52.38 +05 22.6 20.2	-0.70 - 6.9	1.7/21.6	63968	2009 RB ₅₅	2009 10 23.7	01 53.10 +05 13.6 19.6	-0.76 - 8.8	2.4/21.7	64361
2000 QO ₁₅₇	2009 10 23.6	01 52.40 +17 00.6 17.9	-0.69 - 8.2	2.6/25.5	63608	2004 ET ₂₂	2009 10 23.7	01 53.14 +13 35.7 19.4	-1.13 - 1.8	0.8/24.3	64216

2001 FY ₅₆	2009 10 23.7	01 53.14 +13 14.6 19.6	-0.97 + 0.4	0.4/24.2	64159
2008 GH ₃₇	2009 10 23.7	01 53.17 +07 25.6 21.3	-0.96 - 4.5	1.5/22.7	64329
2008 HN ₆₅	2009 10 23.7	01 53.17 -01 46.9 19.4	-1.02 - 3.0	5.9/20.3	64333
2005 UM ₈₇	2009 10 23.7	01 53.18 +07 37.4 20.0	-0.96 - 3.1	1.4/22.8	64263
2004 RW ₂₄₀	2009 10 23.7	01 53.18 +16 09.0 20.4	-0.90 - 3.3	1.7/25.0	64226
2004 XD ₁₂₄	2009 10 23.8	01 53.12 +31 41.6 19.7	-1.04 - 0.5	6.4/28.9	64238
2009 TE ₃	2009 10 23.8	01 53.12 +12 28.8 18.8	-0.94 - 9.8	11.4/04.0	64053
2004 VG ₄₂	2009 10 23.8	01 53.13 +09 25.3 20.8	-0.82 - 3.9	0.7/23.2	62412
2008 JN ₁₀	2009 10 23.8	01 53.13 +04 58.9 21.3	-0.90 - 6.1	2.3/21.9	64333
2009 ST ₆₇	2009 10 23.8	01 53.16 +05 47.0 20.6	-0.89 - 3.4	2.0/22.2	64373
2007 JX ₁₀	2009 10 23.8	01 53.17 +08 34.6 20.5	-0.98 - 3.4	1.0/23.0	62521
2009 SF ₄₄	2009 10 23.8	01 53.19 +17 30.2 20.3	-0.82 - 3.7	1.7/25.5	63961
2005 QL ₁₈₃	2009 10 23.8	01 53.20 +00 51.4 21.2	-0.97 - 4.4	4.4/20.9	64251
2003 SD ₂₈	2009 10 23.8	01 53.25 +46 38.8 20.1	-1.30 + 1.8	11.1/02.7	41793
2009 RH ₅₅	2009 10 23.8	01 53.29 +06 14.6 20.5	-0.81 - 6.1	1.9/22.2	63942
2005 SK ₁₂₇	2009 10 23.8	01 53.33 +16 30.7 21.4	-1.10 - 2.5	1.7/25.1	64255
2001 CN ₁₀	2009 10 23.8	01 53.36 -14 17.3 19.4	-0.49 - 2.4	4.4/15.3	59661
2008 KF ₃₁	2009 10 23.8	01 53.36 +04 42.3 20.9	-0.94 - 7.8	2.5/21.8	64334
2005 UO ₃₆₅	2009 10 23.8	01 53.37 +04 25.5 21.2	-0.96 - 3.8	2.7/21.9	63749
2001 QT ₂₈₈	2009 10 23.8	01 53.38 +13 13.8 20.6	-0.99 - 5.2	0.6/24.3	64162
2005 UM ₄₉₂	2009 10 23.8	01 53.39 +20 16.5 18.9	-1.06 - 2.0	3.4/26.1	64271
2009 SN ₁₄₆	2009 10 23.8	01 53.39 +11 32.9 19.5	-1.07 - 0.2	9.3/04.0	64385
2004 TN ₁₇	2009 10 23.8	01 53.39 +19 03.0 19.8	-0.87 - 3.6	2.4/26.0	64229
2007 BA ₅₇	2009 10 23.8	01 53.39 +09 28.6 20.6	-0.97 - 4.3	0.7/23.3	59785
2005 YV ₈₈	2009 10 23.8	01 53.42 +12 19.7 20.8	-0.81 - 4.6	0.2/24.1	63782
2004 XL ₆₁	2009 10 23.8	01 53.44 +44 47.1 18.4	-1.25 -11.6	15.0/06.5	64237
2009 SE ₁₃₇	2009 10 23.8	01 53.45 +15 30.0 19.9	-1.03 - 1.8	1.3/24.8	63991
2009 SD ₁₃₄	2009 10 23.8	01 53.46 +03 40.0 19.3	-0.72 - 6.6	2.8/21.3	63989
1981 EZ ₅	2009 10 23.8	01 53.49 +18 16.6 20.4	-0.63 - 4.3	1.4/26.0	47125
2009 SY ₄₇	2009 10 23.8	01 53.51 +11 52.5 20.2	-0.83 - 9.4	10.9/13.0	63963
2005 VZ ₇₄	2009 10 23.8	01 53.51 +07 23.3 19.1	-0.77 - 7.2	1.9/22.5	63756
2001 YN ₁	2009 10 23.8	01 53.52 -25 06.1 19.8	-1.38 + 3.6	14.8/13.9	94413
2002 PU ₁₅₃	2009 10 23.8	01 53.54 +02 34.2 19.8	-0.94 - 5.3	4.4/21.4	64188
2005 WG ₂₀₂	2009 10 23.8	01 53.57 +13 29.7 19.8	-0.86 - 6.3	0.7/24.5	64278
2005 UC ₉₈	2009 10 23.9	01 53.49 +11 18.4 20.1	-0.82 -10.6	9.8/13.0	64263
2002 GP ₁₅₃	2009 10 23.9	01 53.51 -03 42.2 20.0	-0.73 - 6.1	4.4/19.1	19579
2007 HX ₄₈	2009 10 23.9	01 53.54 +07 59.3 20.9	-0.77 - 4.1	1.1/22.9	62520
2004 PK ₂₂	2009 10 23.9	01 53.55 -06 27.5 19.6	-0.83 - 4.9	6.7/18.6	62394
2006 AH ₇₁	2009 10 23.9	01 53.55 +26 49.9 19.2	-0.89 - 4.5	6.4/28.5	64287
2008 GJ ₁₃₂	2009 10 23.9	01 53.56 +00 49.4 18.9	-0.92 - 2.3	4.6/21.1	64331
2004 JL ₅	2009 10 23.9	01 53.60 -19 04.8 20.2	-0.90 - 3.0	10.1/15.2	39201
2002 EB ₁₆₃	2009 10 23.9	01 53.62 +03 00.8 20.1	-0.51 - 2.4	1.5/21.3	64183
2009 RD ₅₅	2009 10 23.9	01 53.62 +06 35.5 19.4	-0.73 - 7.7	1.7/22.3	64361
2002 VY ₈₇	2009 10 23.9	01 53.62 -05 23.7 18.6	-1.45 + 6.5	7.7/21.3	64196
2009 RP ₂₅	2009 10 23.9	01 53.63 +04 55.8 20.1	-0.72 - 7.4	2.1/21.8	63932
2002 YE ₅	2009 10 23.9	01 53.70 -29 55.6 20.6	-1.05 + 1.1	11.2/12.7	39180
2009 RJ ₅₅	2009 10 23.9	01 53.74 +04 31.4 19.9	-0.86 - 8.5	3.1/21.7	63942
2003 UE ₁₀₇	2009 10 23.9	01 53.76 +54 03.2 19.1	-1.43 + 1.7	13.8/07.4	08778
2005 WT ₁₇₁	2009 10 23.9	01 53.76 +05 03.6 19.1	-0.84 - 3.6	3.0/22.1	64277
2009 SU ₂₈₉	2009 10 23.9	01 53.76 +05 35.4 21.0	-0.97 - 6.2	2.4/22.2	64040
2000 VG ₁₉	2009 10 23.9	01 53.79 +08 16.8 18.7	-1.04 + 2.1	1.5/23.3	64157

2009 RO ₅₅	2009 10 23.9	01 53.80 +08 27.4 19.8	-0.90 - 3.3	1.1/23.1	64362
2005 SF ₂₃₃	2009 10 23.9	01 53.81 +11 01.7 19.9	-0.83 - 7.2	0.3/23.8	64257
2009 SL ₂₉₀	2009 10 23.9	01 53.81 +03 23.8 20.2	-0.75 - 6.1	2.5/21.4	64041
2007 GF ₂₂	2009 10 23.9	01 53.83 +08 47.2 21.0	-0.97 - 3.4	1.0/23.2	62518
2009 SO ₄₃	2009 10 23.9	01 53.86 +13 47.5 19.8	-0.78 -10.1	0.9/24.7	63960
2003 FJ ₆₄	2009 10 23.9	01 53.88 +00 56.1 19.9	-0.50 - 2.4	1.9/20.7	64202
2004 TV ₃₃₅	2009 10 23.9	01 53.89 +10 00.3 20.0	-0.83 - 3.9	0.5/23.5	64234
2001 TY ₂₆₀	2009 10 23.9	01 53.89 +18 32.8 19.2	-1.76 + 6.5	3.4/24.9	63619
2003 HX ₄	2009 10 23.9	01 53.92 +03 32.1 21.5	-0.82 - 5.3	2.3/21.6	59698
2002 EQ ₁₀₀	2009 10 23.9	01 53.95 +25 03.2 19.8	-0.97 - 3.2	4.7/27.7	69302
2004 DX ₄₈	2009 10 24.0	01 53.89 +02 48.6 19.1	-0.91 - 8.3	3.7/21.2	64216
2002 CA ₂₀₄	2009 10 24.0	01 53.90 +28 12.8 20.2	-1.02 - 2.2	5.5/28.5	33963
2008 EV ₁₃₉	2009 10 24.0	01 53.92 +11 42.4 21.7	-1.02 - 8.5	0.0/24.0	39005
2007 JC ₁₂	2009 10 24.0	01 53.94 -08 45.9 20.4	-0.72 - 4.3	5.8/17.6	55327
2003 HP ₂₅	2009 10 24.0	01 53.94 +11 08.1 22.0	-0.94 - 3.5	0.2/23.9	17466
2004 PG ₁₀₆	2009 10 24.0	01 53.95 +21 42.6 21.0	-0.90 - 5.8	3.3/27.1	60806
2005 XD	2009 10 24.0	01 54.00 -01 37.6 19.0	-0.73 -11.3	5.5/19.2	64278
2003 SS ₄₀	2009 10 24.0	01 54.08 +31 29.9 19.4	-0.96 - 1.3	5.8/29.6	64207
2007 FW ₃₂	2009 10 24.0	01 54.08 +14 25.5 20.6	-1.05 - 0.8	0.9/24.7	63830
2007 EC ₁₆₀	2009 10 24.0	01 54.09 +08 54.4 20.8	-0.84 - 5.7	0.9/23.2	62514
2002 OT ₈	2009 10 24.0	01 54.11 +19 26.9 21.0	-1.08 - 6.6	3.2/26.3	72674
2005 YE ₁₄₃	2009 10 24.0	01 54.12 +06 30.4 21.0	-0.80 - 3.8	1.5/22.6	64283
2005 UP ₁₂₂	2009 10 24.0	01 54.12 +09 32.1 20.7	-1.04 - 1.3	0.8/23.5	64264
2005 SN ₆	2009 10 24.0	01 54.13 +16 22.6 20.6	-0.95 - 5.3	1.7/25.4	64252
2008 DM ₈₁	2009 10 24.0	01 54.17 +12 01.5 21.0	-1.02 - 5.6	0.1/24.2	64325
2006 BO ₂₀₁	2009 10 24.0	01 54.17 +11 02.9 20.8	-0.78 - 3.7	0.2/23.9	64291
2004 XJ ₁₁₃	2009 10 24.0	01 54.18 +21 37.3 20.8	-0.78 - 5.1	2.8/27.1	43226
2004 XQ ₁₈	2009 10 24.0	01 54.18 +01 58.4 19.8	-0.78 - 3.0	2.7/21.3	64237
2001 XW ₅	2009 10 24.0	01 54.20 -04 15.8 19.8	-0.83 - 7.6	5.9/18.9	64172
2006 DF ₈₂	2009 10 24.0	01 54.23 +24 17.3 18.7	-0.95 - 1.1	4.3/27.3	64293
2009 SS ₂₀₅	2009 10 24.0	01 54.23 +11 07.6 20.2	-0.89 - 5.1	0.2/23.9	64014
2009 RM ₅₅	2009 10 24.0	01 54.24 +06 47.2 20.1	-0.82 - 4.7	1.7/22.7	64362
2005 MN ₂₅	2009 10 24.0	01 54.26 +13 11.9 20.5	-1.01 - 5.8	0.6/24.5	64243
2005 TN ₆₄	2009 10 24.0	01 54.27 +11 23.7 19.8	-0.94 - 4.0	0.1/24.0	63732
2007 EJ ₁₁₉	2009 10 24.0	01 54.29 +08 41.0 21.9	-0.91 - 4.6	0.9/23.2	19423
2005 VS ₁₀₁	2009 10 24.0	01 54.29 -06 25.1 19.7	-0.95 - 1.0	6.0/19.6	04362
2006 BV ₆	2009 10 24.0	01 54.30 -12 07.2 20.8	-0.71 - 4.0	5.8/16.6	21171
2002 TT ₃₄₆	2009 10 24.0	01 54.33 +00 11.4 18.6	-1.00 + 1.9	6.1/21.7	64195
2006 XX ₄₂	2009 10 24.0	01 54.33 +07 46.1 20.9	-0.98 - 5.2	1.4/23.0	62496
2006 YJ ₂₃	2009 10 24.1	01 54.25 +07 13.8 20.9	-1.01 - 4.3	1.6/22.9	12682
2007 AH ₁₈	2009 10 24.1	01 54.26 +00 52.0 19.9	-0.96 - 5.6	4.2/21.0	63809
2006 DX ₁₅₅	2009 10 24.1	01 54.27 +06 55.4 21.1	-0.78 - 4.2	1.4/22.7	63796
2009 SZ ₇₄	2009 10 24.1	01 54.27 +06 41.5 19.9	-1.02 + 0.3	2.0/23.0	64375
2004 JA ₂₂	2009 10 24.1	01 54.27 +06 53.7 19.3	-0.60 - 0.9	1.0/22.8	64220
2008 FD ₁₂₅	2009 10 24.1	01 54.27 +09 18.5 20.3	-1.01 - 4.9	1.0/23.5	64329
2007 EX ₁₄	2009 10 24.1	01 54.31 +08 29.9 21.5	-0.84 - 5.1	0.9/23.2	22879
2002 GJ ₇₆	2009 10 24.1	01 54.31 +06 27.5 20.4	-0.73 - 8.3	1.4/22.4	63625
2005 NH ₂₂	2009 10 24.1	01 54.33 +26 20.8 19.3	-1.06 - 6.3	6.0/28.5	14183
2001 QO ₃₁₈	2009 10 24.1	01 54.33 +14 57.2 20.0	-1.00 - 4.6	1.3/25.0	64162
2008 HH ₄₁	2009 10 24.1	01 54.33 -24 01.8 21.1	-1.00 - 1.9	11.1/14.0	58607
2005 UC ₃₇₁	2009 10 24.1	01 54.34 +11 15.9 20.7	-0.92 - 3.9	0.2/24.0	64269

2005 YX ₂₆₈	2009 10 24.1	01 54.37 −03 01.8 20.9 −0.76 − 4.8 4.4/19.6	56038
2002 PN ₇₉	2009 10 24.1	01 54.38 +16 24.2 18.3 −1.10 − 0.3 2.4/25.2	64187
2007 FG ₄₁	2009 10 24.1	01 54.38 +08 04.5 19.3 −0.83 − 2.5 1.1/23.2	64317
2005 VQ ₁₄	2009 10 24.1	01 54.38 +14 35.0 20.2 −0.97 − 3.6 1.2/24.9	63754
2005 VZ ₉₇	2009 10 24.1	01 54.39 +43 06.7 18.8 −0.96 −14.9 12.2/07.4	64273
2007 EK ₃₄	2009 10 24.1	01 54.41 −03 26.4 21.4 −0.77 − 6.3 4.3/19.4	19711
2004 HG ₄₄	2009 10 24.1	01 54.44 +16 29.0 19.7 −0.95 − 7.2 1.7/25.6	64219
2006 DO ₁	2009 10 24.1	01 54.48 +07 47.9 20.6 −0.80 − 3.5 1.2/23.0	62480
2007 EQ ₉₂	2009 10 24.1	01 54.48 +03 56.6 20.1 −0.89 − 7.5 3.1/21.8	64313
2008 GV ₇₁	2009 10 24.1	01 54.49 +09 06.1 20.7 −1.02 − 4.3 1.0/23.5	62534
2004 RS ₁	2009 10 24.1	01 54.49 +33 14.1 20.2 −1.01 − 7.0 7.5/31.6	70396
2002 RJ ₃₇	2009 10 24.1	01 54.49 +15 12.1 18.8 −1.07 − 3.3 1.7/25.0	64190
2005 UM ₄₂₉	2009 10 24.1	01 54.51 +16 33.8 20.6 −0.83 − 8.1 2.2/25.7	63750
2006 YD ₃₆	2009 10 24.1	01 54.52 −01 55.6 20.3 −0.99 − 3.1 5.2/20.6	22867
2005 WU ₁₁₃	2009 10 24.1	01 54.53 +28 33.5 19.6 −0.95 − 8.2 6.0/29.9	64276
2009 RN ₅₁	2009 10 24.1	01 54.56 +07 09.9 19.5 −0.76 − 8.1 1.5/22.7	64361
2008 GB ₅₃	2009 10 24.1	01 54.56 +03 26.5 19.4 −0.93 − 5.2 4.2/21.8	64330
2000 BP ₆	2009 10 24.1	01 54.58 −39 53.1 19.1 −1.17 + 4.4 25.5/09.0	62302
2002 RG ₁₁₇	2009 10 24.1	01 54.60 +14 41.3 20.3 −1.08 − 5.0 1.2/25.0	63633
2009 SS ₁₃₆	2009 10 24.1	01 54.62 +13 36.1 20.6 −0.85 − 4.5 0.7/24.7	64383
2004 UY ₁₀	2009 10 24.1	01 54.63 −13 17.0 19.6 −0.86 − 0.6 8.4/17.5	64235
2007 KT ₂	2009 10 24.1	01 54.63 +23 48.8 20.4 −0.80 − 5.6 3.3/28.0	64322
2006 CT ₄₈	2009 10 24.1	01 54.64 +16 59.1 20.6 −0.81 − 3.8 1.5/25.7	64292
2005 YL ₁₄₄	2009 10 24.1	01 54.66 +24 09.1 21.5 −0.78 − 3.6 2.9/27.9	47369
2009 SP ₂₀₄	2009 10 24.1	01 54.69 +13 44.4 20.0 −0.77 − 4.6 0.6/24.8	64014
2005 WF ₁₅₂	2009 10 24.2	01 54.63 +14 10.4 18.7 −0.77 −13.0 1.0/25.1	63771
2008 KX ₄	2009 10 24.2	01 54.64 +04 26.7 21.1 −0.94 − 7.4 2.8/22.0	64334
2005 SN ₂₂₆	2009 10 24.2	01 54.66 +13 02.0 21.2 −0.97 − 5.3 0.5/24.6	64256
2008 RK ₁₂₃	2009 10 24.2	01 54.66 +18 25.9 20.9 −0.56 − 2.2 1.3/26.2	62101
2009 RR ₃₄	2009 10 24.2	01 54.67 +07 33.7 20.5 −0.79 − 9.8 1.4/22.8	63936
2007 BY ₇₉	2009 10 24.2	01 54.69 −01 03.3 19.1 −0.79 − 8.6 6.0/19.9	64305
2007 GZ ₂₄	2009 10 24.2	01 54.70 −18 24.6 20.0 −0.93 − 0.8 9.9/15.7	20602
2008 SX ₄₁	2009 10 24.2	01 54.72 +12 24.1 20.4 −0.52 − 2.6 0.1/24.4	64337
2007 GB ₁₄	2009 10 24.2	01 54.73 −08 11.8 21.0 −0.77 − 7.5 6.2/17.6	20598
2006 DC ₁₆₉	2009 10 24.2	01 54.76 +11 52.7 19.6 −0.87 − 2.8 0.0/24.3	64294
2005 SN ₂₅₄	2009 10 24.2	01 54.79 +10 02.7 19.0 −0.92 − 3.1 0.8/23.8	63730
2003 HK ₄₃	2009 10 24.2	01 54.80 +12 40.2 21.8 −0.85 − 5.7 0.3/24.5	64204
2002 JR ₈₅	2009 10 24.2	01 54.81 +15 06.1 19.6 −0.79 − 5.4 1.0/25.2	63627
2008 GH ₅₂	2009 10 24.2	01 54.85 +09 23.4 21.3 −0.99 − 6.1 0.9/23.6	43300
2007 EE ₈₅	2009 10 24.2	01 54.86 +19 02.6 22.3 −0.93 − 3.8 2.0/26.3	19715
2009 SC ₂₉₀	2009 10 24.2	01 54.87 +07 52.8 19.1 −1.08 + 1.1 1.5/23.4	64041
2007 FC ₂	2009 10 24.2	01 54.89 −12 31.7 20.4 −0.74 − 4.0 6.5/16.9	22884
2005 YY ₁₇₃	2009 10 24.2	01 54.90 −13 22.5 19.8 −0.72 − 5.0 6.6/16.0	62472
2003 AK ₁₆	2009 10 24.2	01 54.95 +21 15.1 20.1 −0.62 − 4.3 2.0/27.3	60781
1996 HH	2009 10 24.2	01 54.97 +08 11.8 20.4 −0.98 − 4.6 1.3/23.3	62293
1995 DC ₉	2009 10 24.2	01 54.98 +31 11.5 22.1 −0.97 − 1.3 5.2/29.5	99877
2003 CE ₇	2009 10 24.2	01 54.98 +02 54.6 20.3 −0.88 − 4.5 2.7/21.8	64201
2004 RA ₁₁₆	2009 10 24.2	01 55.04 +09 58.4 20.4 −0.85 − 5.6 0.6/23.8	64224
2005 UY ₂₂₄	2009 10 24.2	01 55.08 +16 00.2 20.1 −0.94 − 4.9 1.6/25.5	64266
2003 QW ₈₄	2009 10 24.3	01 55.01 +00 16.9 20.2 −0.72 − 8.8 3.4/20.5	64206
1995 UX ₅₆	2009 10 24.3	01 55.03 +04 10.1 19.2 −1.06 − 1.8 3.3/22.5	63598

2004 CE ₁₂	2009 10 24.3	01 55.04 +16 29.6 20.2 −1.03 − 5.9 1.7/25.6	64214
2007 HJ ₄₈	2009 10 24.3	01 55.04 +09 00.0 19.3 −0.74 − 6.9 0.9/23.4	64321
2004 LH ₂₁	2009 10 24.3	01 55.08 −13 56.0 20.0 −0.93 − 2.2 8.8/17.4	62393
2005 NZ ₆₇	2009 10 24.3	01 55.08 −04 32.8 21.2 −1.00 − 4.5 6.0/19.9	37387
2009 SQ ₁₈₆	2009 10 24.3	01 55.09 +06 35.6 20.4 −0.79 − 3.6 1.6/22.8	64009
2009 SA ₇₅	2009 10 24.3	01 55.09 +03 48.6 20.4 −0.90 − 5.5 2.8/22.0	63973
2005 UY ₆₇	2009 10 24.3	01 55.10 +04 03.5 19.8 −0.92 − 3.9 3.0/22.2	64262
2001 VN ₉₃	2009 10 24.3	01 55.10 −06 18.6 18.7 −0.83 − 5.5 7.3/18.7	64170
2009 RB ₃₃	2009 10 24.3	01 55.11 +15 44.2 19.4 −1.12 − 2.0 1.7/25.3	64357
2002 ES ₅₁	2009 10 24.3	01 55.12 +23 00.2 20.0 −0.95 − 2.5 3.3/27.3	20763
2001 UY ₁₁₁	2009 10 24.3	01 55.14 +11 58.3 18.2 −1.16 + 1.5 0.1/24.4	64168
2005 OC ₂₁	2009 10 24.3	01 55.16 +16 39.3 21.0 −1.07 − 4.7 1.8/25.6	64245
2007 EL ₁₇	2009 10 24.3	01 55.18 +04 22.6 19.6 −0.80 − 7.4 2.9/22.0	64311
2005 PB ₂₂	2009 10 24.3	01 55.19 +24 19.2 19.9 −1.08 − 4.8 4.9/27.9	60830
2008 FQ ₁₅	2009 10 24.3	01 55.22 −01 57.9 19.2 −1.04 − 1.2 5.6/21.1	64327
2004 RY ₂₃₈	2009 10 24.3	01 55.23 +17 07.2 20.3 −0.90 − 3.4 2.0/25.8	64226
2004 TW ₃₂₃	2009 10 24.3	01 55.23 +10 03.8 20.1 −0.80 − 5.1 0.6/23.8	61908
2005 XK ₁₀₄	2009 10 24.3	01 55.24 +12 40.9 20.2 −0.83 − 3.0 0.3/24.6	64280
2007 EL ₁₃₀	2009 10 24.3	01 55.25 +15 31.5 21.0 −0.92 − 3.7 1.2/25.4	64314
2004 XK ₇₅	2009 10 24.3	01 55.25 +03 49.0 19.5 −0.83 − 3.9 2.9/22.1	64238
2009 SK ₂₃₄	2009 10 24.3	01 55.26 +09 32.6 18.9 −0.91 − 0.5 0.8/23.8	64022
2002 SY ₁₉	2009 10 24.3	01 55.26 −02 43.1 20.0 −0.92 −12.9 5.2/19.5	62356
2001 DX ₁₀₃	2009 10 24.3	01 55.29 +13 01.8 21.2 −0.79 − 3.9 0.3/24.7	62312
2006 DJ ₁₈₂	2009 10 24.3	01 55.29 +20 06.1 20.0 −0.85 − 3.1 2.6/26.7	22543
2001 SF ₅	2009 10 24.3	01 55.30 +37 44.3 18.5 −1.02 −18.8 12.1/04.3	64163
2005 WK ₁₆₅	2009 10 24.3	01 55.33 +07 35.8 19.8 −0.89 − 3.8 1.8/23.2	56037
2003 SD ₁₇₄	2009 10 24.3	01 55.35 +10 41.0 19.7 −0.73 − 5.8 0.3/24.0	64208
2007 EK ₂₁₉	2009 10 24.3	01 55.36 +09 46.1 19.0 −0.82 − 4.7 0.8/23.8	64316
2007 EY ₂₁	2009 10 24.3	01 55.39 +17 20.5 21.0 −1.00 − 1.8 1.8/25.8	40460
2007 CJ ₅₁	2009 10 24.3	01 55.44 +14 17.7 20.5 −0.99 − 6.7 0.9/25.1	64306
2009 SF ₁₃₈	2009 10 24.3	01 55.44 +11 47.3 20.3 −0.85 − 5.3 0.0/24.4	63991
2001 UJ ₁₀₇	2009 10 24.3	01 55.46 +10 04.3 19.6 −0.82 −10.4 0.7/23.8	64168
2002 AE ₂	2009 10 24.3	01 55.46 −45 48.1 18.9 −0.86 −11.4 31.8/18.0	62336
2005 WF ₁₇	2009 10 24.3	01 55.46 +17 31.8 21.0 −0.87 − 6.6 1.8/26.1	20445
2005 US ₅₀₈	2009 10 24.4	01 55.40 +13 15.8 20.5 −0.93 − 4.3 0.5/24.8	64271
2009 SU ₂₉₀	2009 10 24.4	01 55.41 +05 01.5 20.3 −0.86 − 1.3 1.9/22.7	64041
2007 EY ₄₂	2009 10 24.4	01 55.46 +08 38.7 20.2 −0.80 − 4.9 1.0/23.5	62510
2000 AS ₉₃	2009 10 24.4	01 55.48 −26 19.9 20.6 −1.01 − 3.6 12.1/11.4	60727
2008 QP ₄₁	2009 10 24.4	01 55.51 +10 24.6 20.3 −0.52 − 3.0 0.3/24.0	64336
2009 SG ₇₅	2009 10 24.4	01 55.53 +04 58.3 20.4 −0.92 − 2.0 2.2/22.7	64375
2006 BP ₁₈₀	2009 10 24.4	01 55.55 −04 04.2 19.7 −0.83 − 6.2 6.8/19.3	20488
2004 TM ₁₆₇	2009 10 24.4	01 55.62 +11 40.9 20.5 −0.84 − 5.1 0.1/24.4	64232
2009 SN ₃₂₁	2009 10 24.4	01 55.63 +04 27.0 20.9 −0.73 − 5.6 2.1/22.2	64045
2003 SS ₁₁₇	2009 10 24.4	01 55.64 +21 09.4 19.1 −0.77 − 5.7 2.9/27.4	63663
2001 YQ ₈₉	2009 10 24.4	01 55.64 +02 42.8 19.3 −0.95 − 3.3 3.4/22.0	64176
2002 EH ₂₃	2009 10 24.4	01 55.65 +05 27.5 20.7 −0.83 − 5.4 2.2/22.6	63624
2005 MS ₃₀	2009 10 24.4	01 55.67 +17 00.1 19.1 −0.94 − 7.7 2.3/26.1	63708
2003 QF ₁₂₀	2009 10 24.4	01 55.67 +07 47.7 19.7 −0.72 − 7.4 1.3/23.2	64206
2009 SN ₁₆₀	2009 10 24.4	01 55.68 +14 06.7 20.1 −0.78 − 8.4 1.0/25.2	64001
2005 WR ₃₁	2009 10 24.4	01 55.72 +29 29.0 18.8 −0.76 −11.3 7.9/31.3	63761
2007 HA ₁₉	2009 10 24.4	01 55.74 +12 46.0 20.0 −1.02 − 4.6 0.4/24.7	64320

2001 YR ₇₅	2009 10 24.4	01 55.75 +23 17.8 19.2	-0.95 - 5.1	4.5/27.8	62335
2009 SJ ₁₃₈	2009 10 24.4	01 55.75 +07 43.2 20.2	-0.83 -10.3	1.4/23.1	62222
2009 SB ₆₉	2009 10 24.4	01 55.76 +06 45.0 21.0	-1.01 - 3.6	1.8/23.2	63969
2007 EX ₁₉₆	2009 10 24.4	01 55.77 +07 10.9 21.0	-0.82 - 8.3	1.5/23.0	20858
2009 SQ ₇₄	2009 10 24.4	01 55.79 +05 00.9 20.5	-0.83 - 2.7	2.2/22.6	64375
2003 US ₃₄₅	2009 10 24.4	01 55.80 +15 28.2 20.3	-0.82 - 3.6	1.2/25.5	64213
2005 WE ₃₃	2009 10 24.4	01 55.82 +07 51.7 18.4	-0.96 - 1.2	1.7/23.5	64274
2007 BA ₃₈	2009 10 24.4	01 55.83 +06 58.1 19.5	-0.96 - 6.3	2.1/23.1	64304
2005 TN ₂₆	2009 10 24.4	01 55.83 +09 10.7 20.0	-1.10 + 0.2	1.0/23.9	97850
2006 YU ₅₂	2009 10 24.4	01 55.85 +20 55.6 20.8	-1.04 - 3.6	4.5/26.9	40173
2008 FG ₁₂₉	2009 10 24.4	01 55.87 +05 58.7 21.2	-1.01 - 2.9	2.1/23.0	64329
2000 DM ₅₇	2009 10 24.5	01 55.78 +05 35.4 20.2	-0.97 - 8.0	2.5/22.6	64152
2007 FN ₃₄	2009 10 24.5	01 55.79 +13 58.8 20.6	-0.91 - 0.9	0.6/25.0	64317
2002 FG ₆	2009 10 24.5	01 55.86 -17 28.8 20.9	-0.77 - 3.1	7.0/16.1	74161
2005 NJ ₇₆	2009 10 24.5	01 55.87 +07 50.9 21.6	-0.99 - 6.6	1.5/23.4	41185
2004 HJ ₃₉	2009 10 24.5	01 55.88 +14 07.9 20.9	-0.98 - 5.9	0.8/25.2	64219
2005 YD ₂₄	2009 10 24.5	01 55.89 +06 27.8 20.2	-0.83 - 4.4	1.8/23.0	63779
2006 EU ₃₇	2009 10 24.5	01 55.90 -17 58.5 20.5	-0.72 - 5.3	7.8/14.4	53487
2004 FC ₅₂	2009 10 24.5	01 55.90 +06 58.8 20.2	-0.98 - 6.1	1.9/23.1	63675
2004 XG ₇	2009 10 24.5	01 55.93 -13 52.8 19.0	-0.90 + 0.3	8.8/17.7	64237
2007 DZ ₂₆	2009 10 24.5	01 55.93 +01 18.4 20.7	-0.84 - 5.2	3.6/21.5	64308
2001 UZ ₁₃₅	2009 10 24.5	01 56.01 +03 44.2 19.1	-1.04 - 0.2	3.3/22.7	64168
1994 UK ₃	2009 10 24.5	01 56.03 +10 44.1 19.3	-0.94 - 3.4	0.5/24.3	64144
2008 FC ₁₂₉	2009 10 24.5	01 56.09 +08 09.3 22.4	-1.06 - 4.1	1.3/23.6	41920
2009 SC ₇₅	2009 10 24.5	01 56.16 +04 46.3 20.6	-0.90 - 4.1	2.8/22.6	63973
2007 DT ₂₁	2009 10 24.5	01 56.18 +01 06.1 19.0	-0.89 - 6.6	5.1/21.3	64308
2009 SK ₁₃₆	2009 10 24.5	01 56.18 +10 05.4 19.6	-0.69 -10.7	0.7/24.0	64383
2005 YZ ₁₆₀	2009 10 24.5	01 56.20 -04 28.3 20.8	-0.85 - 4.9	5.3/19.6	62471
2003 UJ ₆₇	2009 10 24.5	01 56.22 +08 49.7 20.3	-0.75 - 5.0	0.9/23.7	64211
2005 GN ₁₃₇	2009 10 24.5	01 56.22 +09 49.9 21.1	-1.11 - 4.7	0.8/24.1	64241
2005 UZ ₂₆₇	2009 10 24.5	01 56.23 -01 26.0 19.8	-1.04 - 0.6	5.0/21.4	20821
2004 RB ₁₄₂	2009 10 24.6	01 56.17 +10 02.7 19.9	-0.82 - 6.3	0.6/24.0	62398
2005 YR ₂₉₀	2009 10 24.6	01 56.20 +26 59.2 20.1	-0.91 - 3.5	4.8/29.0	11154
2005 NP ₈	2009 10 24.6	01 56.21 +14 13.2 21.0	-1.00 - 6.6	0.9/25.3	64243
2005 UH ₅₁₅	2009 10 24.6	01 56.23 -06 59.2 21.2	-0.85 - 4.8	5.9/19.1	26090
2002 TG ₁₂₁	2009 10 24.6	01 56.27 +21 50.7 19.0	-0.99 - 6.6	4.5/27.6	64194
2005 YA ₁₆₃	2009 10 24.6	01 56.29 +02 44.3 20.0	-0.83 - 4.6	3.2/22.0	64284
2005 UY ₂₂₁	2009 10 24.6	01 56.35 +14 36.8 21.0	-0.98 - 3.5	1.0/25.4	64266
2005 KJ ₁₁	2009 10 24.6	01 56.37 -03 19.4 20.0	-0.96 - 5.1	6.7/20.4	64242
2003 HJ ₂	2009 10 24.6	01 56.37 -33 33.3 20.1	-1.02 - 0.5	13.5/09.1	19599
1996 TX ₁₇	2009 10 24.6	01 56.38 +13 56.0 19.7	-0.81 - 9.8	0.7/25.3	64145
2005 SP ₂₉₁	2009 10 24.6	01 56.40 +02 04.2 20.4	-0.84 - 7.6	4.0/21.6	64257
2005 WC ₁₁₅	2009 10 24.6	01 56.41 +03 22.5 20.1	-0.87 - 3.4	3.0/22.3	63768
2007 GO ₇₃	2009 10 24.6	01 56.42 +00 51.2 21.4	-0.86 - 3.2	3.3/21.6	64320
2003 EV ₃₈	2009 10 24.6	01 56.42 +28 30.9 20.2	-0.99 - 4.4	5.0/29.5	41788
2008 GP ₉₉	2009 10 24.6	01 56.43 +07 14.0 21.5	-0.98 - 5.0	1.7/23.4	64331
2008 JD ₂₀	2009 10 24.6	01 56.49 -21 13.4 20.7	-1.11 + 0.8	10.6/16.8	60906
2006 BC ₁₀₃	2009 10 24.6	01 56.51 -01 10.8 20.7	-0.73 - 5.1	3.8/20.7	64289
2004 TS ₂₀₉	2009 10 24.6	01 56.52 +14 55.5 19.7	-0.92 - 2.3	1.1/25.5	64233
2006 EH ₄₆	2009 10 24.6	01 56.52 +25 11.7 20.5	-0.85 - 3.4	3.9/28.5	43265
2003 MV ₁₂	2009 10 24.6	01 56.56 +34 53.6 18.6	-0.93 - 5.3	7.8/01.5	63657

2005 RO ₂₁	2009 10 24.6	01 56.56 +14 12.7 18.9	-0.87 - 8.6	1.0/25.4	64251
2009 RF ₃₃	2009 10 24.6	01 56.61 +18 38.4 18.3	-1.17 + 2.5	3.0/26.0	64357
2006 VH ₈₅	2009 10 24.6	01 56.62 +26 31.4 18.8	-1.06 - 7.8	6.4/29.3	38957
2004 NY ₃₁	2009 10 24.6	01 56.62 -14 09.9 20.1	-0.90 - 2.8	9.1/17.2	16274
2005 UV ₄₀	2009 10 24.7	01 56.54 +07 11.3 20.0	-0.96 - 3.2	1.8/23.5	64261
2004 QA ₄	2009 10 24.7	01 56.55 +22 04.5 19.9	-1.03 - 2.3	3.7/27.4	63678
2009 SR ₂₈₉	2009 10 24.7	01 56.55 +05 28.6 20.8	-0.70 - 6.1	1.8/22.7	64040
2002 RM ₃₃	2009 10 24.7	01 56.58 +11 46.2 18.3	-0.91 - 6.7	0.1/24.7	64190
2002 GB ₁₀₄	2009 10 24.7	01 56.61 -09 40.9 21.0	-0.92 - 1.4	6.5/18.9	21315
2006 EW ₅₅	2009 10 24.7	01 56.61 +16 46.9 20.8	-0.82 - 4.1	1.5/26.1	62014
2005 XB ₅₀	2009 10 24.7	01 56.61 +03 39.4 20.3	-0.93 - 1.9	3.1/22.6	63776
2004 TL ₁₂₅	2009 10 24.7	01 56.72 +09 15.2 19.8	-0.85 - 3.9	1.0/24.0	64231
2004 RU ₈₀	2009 10 24.7	01 56.73 +15 34.7 20.4	-0.92 - 3.4	1.3/25.7	64224
2005 XD ₂₃	2009 10 24.7	01 56.78 +16 21.9 20.7	-0.86 - 5.7	1.4/26.1	63775
2004 VX ₇₁	2009 10 24.7	01 56.79 +04 55.6 20.3	-0.84 - 2.7	2.3/22.9	64236
1999 TA ₁₉₅	2009 10 24.7	01 56.81 +13 53.9 18.4	-1.17 + 1.5	1.0/25.2	64149
2000 GP ₂₇	2009 10 24.7	01 56.83 +09 58.4 21.2	-0.93 - 5.6	0.6/24.2	64153
2006 AE ₁₄	2009 10 24.7	01 56.84 +09 26.1 20.1	-0.81 - 4.7	0.8/24.0	64286
2002 CV ₂₂₉	2009 10 24.7	01 56.87 +20 19.1 20.5	-0.57 - 2.2	1.6/27.3	57968
2005 YT ₉₀	2009 10 24.7	01 56.91 -08 07.2 21.1	-0.72 - 3.6	5.1/18.8	20831
2003 SH ₉₀	2009 10 24.7	01 56.92 +15 50.4 19.4	-0.88 - 1.8	1.1/25.8	64208
2005 WJ ₇₆	2009 10 24.7	01 56.94 +10 53.2 19.9	-0.93 - 3.2	0.4/24.5	63765
2006 DB	2009 10 24.7	01 56.98 +18 37.9 19.6	-0.92 - 1.8	2.1/26.5	63794
2004 TQ ₁₂₉	2009 10 24.7	01 57.00 +23 51.1 19.5	-1.02 - 1.6	4.1/27.9	64231
2002 EC ₁₅₈	2009 10 24.8	01 56.92 +16 42.8 21.3	-0.51 - 2.6	0.8/26.3	64183
2009 RT ₃₃	2009 10 24.8	01 56.93 +10 33.9 18.9	-0.51 - 5.8	0.3/24.3	63936
2003 CD ₈	2009 10 24.8	01 56.96 +15 30.8 19.3	-1.01 - 2.8	1.2/25.7	64201
2009 RP ₅₅	2009 10 24.8	01 56.98 +07 26.3 20.0	-0.78 - 4.5	1.4/23.5	63943
2005 XR ₅₀	2009 10 24.8	01 56.98 -00 49.9 19.1	-0.98 + 1.4	5.6/22.1	64279
2007 GJ ₄₄	2009 10 24.8	01 57.00 +10 25.9 19.9	-0.80 - 5.1	0.5/24.4	64319
2005 NV ₈₂	2009 10 24.8	01 57.00 +19 24.8 20.1	-1.12 - 4.4	2.7/26.8	38046
2004 TH ₂₅₉	2009 10 24.8	01 57.00 +11 49.7 20.3	-0.82 - 4.9	0.0/24.8	64233
2008 CX ₁₈₂	2009 10 24.8	01 57.00 +31 57.7 20.4	-1.48 0.0	7.8/29.5	41475
2004 VL ₆₂	2009 10 24.8	01 57.03 -08 11.3 19.1	-0.75 - 4.8	7.3/18.5	64236
2004 RP ₁₆₇	2009 10 24.8	01 57.04 +22 18.2 19.0	-0.86 - 6.2	3.3/28.0	18090
2004 XZ ₁₁₅	2009 10 24.8	01 57.06 +19 01.8 20.0	-0.83 - 3.7	2.2/26.9	64238
2004 EB ₃₂	2009 10 24.8	01 57.11 +26 46.8 20.3	-1.38 + 1.6	5.2/27.8	04299
2003 SB ₃₂₉	2009 10 24.8	01 57.12 -01 56.4 19.5	-0.68 - 8.8	4.3/20.0	64210
2005 QZ ₂₂	2009 10 24.8	01 57.13 +13 40.3 20.2	-0.94 - 5.9	0.8/25.3	64247
2005 QO ₁₂₅	2009 10 24.8	01 57.14 +13 16.9 19.8	-1.01 - 5.0	0.5/25.2	64250
2007 CH ₆₅	2009 10 24.8	01 57.18 +05 38.9 20.5	-0.85 - 5.4	2.0/23.0	64307
2005 UW ₄₇₂	2009 10 24.8	01 57.18 +17 39.8 20.0	-0.93 - 5.8	2.4/26.5	62455
2009 SW ₂₃₅	2009 10 24.8	01 57.20 +08 59.7 19.7	-0.92 - 2.9	1.1/24.1	64024
2001 TF ₂₁₅	2009 10 24.8	01 57.21 +26 07.1 19.2	-0.96 - 5.7	5.8/29.0	64167
2005 QJ ₁₅₈	2009 10 24.8	01 57.23 +11 17.5 18.9	-1.00 - 0.5	0.3/24.7	64250
2003 FL ₆₁	2009 10 24.8	01 57.24 +04 27.6 20.2	-0.87 - 5.7	2.5/22.7	64202
2005 MO ₅₃	2009 10 24.8	01 57.29 +16 21.2 19.8	-0.98 - 5.4	1.9/26.1	64243
2004 EE ₂₃	2009 10 24.8	01 57.31 +08 10.6 20.8	-0.95 - 5.7	1.3/23.8	58473
2009 RP ₃₅	2009 10 24.8	01 57.36 +13 32.2 20.1	-0.93 - 0.5	0.5/25.3	64358
2006 AA ₇₅	2009 10 24.8	01 57.36 +10 05.3 19.9	-0.88 - 3.3	0.6/24.4	64287
2008 GH ₁₁	2009 10 24.8	01 57.37 +09 17.1 20.2	-1.08 - 2.6	1.0/24.2	64329

1998 TL ₁₄	2009 10 24.8	01 57.37 +09 26.0 20.3	-0.75 - 6.0	0.8/24.1	63602
2003 BK ₂₈	2009 10 24.8	01 57.39 -25 12.0 20.1	-1.05 -10.3	16.0/10.4	37985
2009 SV ₄₈	2009 10 24.9	01 57.32 +12 59.2 19.3	-0.86 - 8.1	0.4/25.2	63963
2007 BD ₄₃	2009 10 24.9	01 57.33 +13 04.6 21.5	-0.98 - 5.3	0.4/25.2	47417
2005 UJ ₂₄₉	2009 10 24.9	01 57.34 +10 05.8 19.9	-0.90 - 5.2	0.8/24.4	64267
2006 BG ₉₅	2009 10 24.9	01 57.34 -05 17.3 19.2	-0.71 - 7.0	5.9/19.2	62477
2005 UZ ₄	2009 10 24.9	01 57.35 +19 17.9 20.6	-0.97 - 4.9	2.6/27.0	18136
2009 QL ₂₆	2009 10 24.9	01 57.37 -03 55.5 20.1	-0.50 - 6.7	3.1/19.3	64348
2005 QN ₈₉	2009 10 24.9	01 57.38 +14 47.4 18.6	-0.87 - 4.5	1.4/25.7	64249
2005 XA ₄₂	2009 10 24.9	01 57.39 +20 21.6 19.7	-0.90 - 7.8	3.3/27.6	03815
2005 UM ₁₉₈	2009 10 24.9	01 57.42 +16 46.1 20.5	-0.95 - 4.7	1.8/26.2	64266
2007 AH ₂₄	2009 10 24.9	01 57.42 +15 08.8 20.7	-0.99 - 5.7	1.1/25.8	16381
2005 JL ₃₀	2009 10 24.9	01 57.45 +04 58.6 20.7	-1.08 - 4.0	2.9/23.2	64241
2005 UO ₄₁	2009 10 24.9	01 57.45 -32 28.3 18.5	-1.66 +13.0	19.3/19.3	62443
2009 RH ₃₅	2009 10 24.9	01 57.47 +09 54.2 20.2	-0.86 - 7.5	0.7/24.3	64358
2000 QT ₁₆₁	2009 10 24.9	01 57.47 +34 44.8 19.4	-1.05 - 4.9	7.7/01.1	64154
2006 BW ₁₉₉	2009 10 24.9	01 57.49 +07 58.8 20.9	-0.78 - 4.4	1.2/23.8	62478
2004 PE ₆₈	2009 10 24.9	01 57.50 +20 19.9 19.0	-0.87 - 5.9	3.2/27.5	64222
2007 EZ ₂₁₈	2009 10 24.9	01 57.51 +07 46.3 20.2	-0.81 - 6.6	1.5/23.7	64316
2009 SY ₁₅₈	2009 10 24.9	01 57.55 +15 37.4 19.2	-0.74 - 7.1	1.3/26.1	64000
2008 FV ₁₀₇	2009 10 24.9	01 57.55 +10 07.6 20.6	-1.09 - 1.9	0.7/24.5	63849
2000 EL	2009 10 24.9	01 57.56 +17 09.1 19.8	-1.03 - 4.7	2.2/26.3	64152
2007 BM ₃₅	2009 10 24.9	01 57.56 -10 57.6 20.8	-0.90 - 3.3	8.0/18.6	39828
2005 QY ₁₆₄	2009 10 24.9	01 57.57 +01 21.0 19.6	-0.92 - 3.3	4.7/22.1	63720
2009 SA ₁₈₈	2009 10 24.9	01 57.59 +02 32.6 20.7	-0.86 - 7.1	4.0/22.0	64009
2005 WW ₆₈	2009 10 24.9	01 57.59 +22 10.6 20.0	-0.86 - 6.9	3.0/28.1	64275
2007 BN ₉₀	2009 10 24.9	01 57.61 +17 59.1 21.1	-0.94 - 5.0	1.9/26.7	64305
2007 BA ₆₅	2009 10 24.9	01 57.62 +03 24.2 21.3	-0.85 - 5.3	2.6/22.5	62501
2004 WO ₁₂	2009 10 24.9	01 57.65 +15 01.2 18.8	-0.76 - 9.2	0.9/26.0	64236
2009 SQ ₂₀₃	2009 10 24.9	01 57.66 +04 18.9 21.0	-0.47 - 3.9	1.3/22.5	64014
2009 RX ₃₃	2009 10 24.9	01 57.69 +11 48.5 19.8	-0.50 - 3.8	0.0/24.9	63936
2005 WX ₁₃₈	2009 10 24.9	01 57.71 +02 26.2 21.7	-0.90 - 2.8	2.9/22.4	20826
2002 JS ₁₄₉	2009 10 24.9	01 57.73 +13 49.4 20.2	-0.75 - 6.8	0.5/25.6	64186
2002 UF ₅₃	2009 10 24.9	01 57.75 +01 19.4 20.5	-0.98 - 5.9	4.2/22.0	64195
2007 EZ ₂₄	2009 10 25.0	01 57.69 +18 11.5 20.3	-1.03 - 1.6	2.1/26.5	64311
2006 BX ₉₀	2009 10 25.0	01 57.71 -01 50.0 20.6	-0.72 - 5.3	4.0/20.7	47379
2005 QL ₅₇	2009 10 25.0	01 57.72 +14 04.5 19.3	-0.97 - 6.2	0.9/25.6	64248
2003 UX ₃₇₂	2009 10 25.0	01 57.74 +14 39.8 20.1	-0.75 - 7.9	0.8/25.9	64213
2005 UP ₃₄₆	2009 10 25.0	01 57.76 +21 01.4 20.0	-0.90 - 9.6	2.9/28.0	64269
2005 UU ₃₀₂	2009 10 25.0	01 57.81 -03 07.8 19.3	-0.99 - 0.7	6.5/21.2	64268
2004 TG ₄₇	2009 10 25.0	01 57.82 +13 27.8 19.7	-0.85 - 4.1	0.5/25.4	64230
2005 PM ₁₅	2009 10 25.0	01 57.82 +08 15.1 19.6	-0.98 - 4.8	1.7/24.0	64246
2009 TE ₄	2009 10 25.0	01 57.83 -00 51.5 19.9	-0.92 - 5.3	5.5/21.4	64054
2005 YQ ₂₅	2009 10 25.0	01 57.83 +06 37.8 20.2	-0.83 - 4.5	1.9/23.5	64281
2007 GP ₄₆	2009 10 25.0	01 57.84 +09 06.6 19.5	-0.75 - 7.0	0.9/24.1	64319
2009 RG ₅₄	2009 10 25.0	01 57.85 +09 32.4 20.8	-1.09 - 3.7	1.0/24.4	63942
2005 NM ₆₄	2009 10 25.0	01 57.85 +11 04.7 20.0	-1.00 - 6.8	0.4/24.8	64244
2005 WC ₉₃	2009 10 25.0	01 57.86 +07 40.1 20.0	-0.89 - 2.8	2.0/23.9	63766
2004 TK ₃₅₅	2009 10 25.0	01 57.90 +01 05.7 19.0	-0.92 - 1.0	4.0/22.3	64234
2004 PP ₁₀₄	2009 10 25.0	01 57.91 +16 34.5 19.2	-1.30 + 4.5	1.9/25.8	64222
2001 MK ₂₁	2009 10 25.0	01 57.91 +02 53.1 20.6	-0.98 - 4.0	3.1/22.6	64160

2007 BP ₁₁	2009 10 25.0	01 57.93 +20 54.2 19.1	-1.07 - 1.9	4.2/27.3	64303
2003 LP ₅	2009 10 25.0	01 57.94 +08 51.4 19.7	-0.94 - 2.2	1.2/24.2	63656
2003 UU ₃₄₈	2009 10 25.0	01 57.95 +15 16.3 20.3	-0.99 + 1.0	1.1/25.8	64213
2009 SN ₇₄	2009 10 25.0	01 57.97 +01 08.4 20.7	-0.70 - 9.3	3.0/21.4	63972
2009 RJ ₅₃	2009 10 25.0	01 58.00 +07 44.9 19.4	-0.74 - 7.6	1.4/23.7	63942
2004 RJ ₉₁	2009 10 25.0	01 58.03 +24 28.7 20.0	-0.95 - 4.5	4.1/28.7	22775
2007 JZ ₁₅	2009 10 25.0	01 58.05 +14 49.0 20.4	-0.76 - 7.2	0.8/26.0	64322
2005 VM ₆	2009 10 25.0	01 58.05 +07 23.1 19.7	-1.07 + 0.4	1.9/24.1	63754
2007 EA ₅₅	2009 10 25.0	01 58.06 +06 03.2 20.5	-0.97 - 4.2	2.6/23.5	63822
2000 FP ₄₁	2009 10 25.0	01 58.06 +03 27.8 20.6	-0.92 - 4.8	2.7/22.7	64153
2009 SM ₁₃₆	2009 10 25.0	01 58.08 +11 25.1 18.4	-0.75 - 7.8	0.3/24.9	64383
2002 AM ₁₅₆	2009 10 25.0	01 58.08 -04 03.1 18.9	-0.81 - 4.9	7.8/20.0	64178
2002 ET ₁₁₈	2009 10 25.0	01 58.09 +02 16.0 20.4	-0.48 - 3.9	1.8/21.9	64183
2005 SL ₂₂₄	2009 10 25.0	01 58.09 +12 03.6 20.8	-0.98 - 4.6	0.0/25.1	64256
2007 DQ ₁₁₃	2009 10 25.0	01 58.10 +10 22.9 21.4	-0.79 - 3.4	0.4/24.6	63820
2009 SS ₇₄	2009 10 25.0	01 58.11 +01 17.6 20.1	-0.79 - 8.3	3.7/21.6	63972
2008 RS ₁₀₁	2009 10 25.0	01 58.12 +26 27.5 20.3	-0.61 - 1.1	2.5/29.3	64336
2003 EJ ₃₇	2009 10 25.0	01 58.13 -07 44.0 20.5	-0.93 - 2.3	6.3/19.8	33377
2003 AD ₄₆	2009 10 25.0	01 58.13 -00 36.2 19.3	-1.02 - 2.4	5.3/21.9	64199
2005 YU ₇	2009 10 25.1	01 58.09 +08 37.6 21.1	-0.79 - 4.1	1.0/24.1	64280
2005 UZ ₂₃₅	2009 10 25.1	01 58.10 +04 39.7 20.6	-0.89 - 3.2	3.3/23.1	64267
2007 EG ₉	2009 10 25.1	01 58.10 +02 30.0 19.5	-0.75 - 6.8	3.0/22.1	64311
2004 VA ₁₂	2009 10 25.1	01 58.12 +06 56.6 19.7	-0.81 - 4.9	1.8/23.6	64235
2008 PZ ₁₆	2009 10 25.1	01 58.13 +34 40.6 21.0	-0.94 - 3.0	5.9/01.0	47451
2009 SA ₇₄	2009 10 25.1	01 58.14 +00 06.3 19.7	-0.76 -10.5	4.9/21.0	63972
2006 BA ₁₁₁	2009 10 25.1	01 58.15 -04 17.1 20.3	-0.75 - 3.9	4.7/20.3	58524
2007 DK ₅₁	2009 10 25.1	01 58.16 +29 09.8 21.0	-0.99 - 2.9	4.8/29.9	47420
2005 YB ₁₇₂	2009 10 25.1	01 58.16 +00 54.2 19.8	-0.97 - 0.2	3.8/22.5	64284
2007 EL ₁₄₄	2009 10 25.1	01 58.19 +08 19.9 19.2	-0.91 - 4.4	1.7/24.1	64315
2006 XM ₄₅	2009 10 25.1	01 58.20 +05 52.5 20.4	-1.04 - 4.2	2.3/23.5	64301
2004 EF ₇₂	2009 10 25.1	01 58.24 +12 41.4 20.9	-1.05 - 4.9	0.2/25.3	60799
2008 NU ₄	2009 10 25.1	01 58.25 +28 34.9 21.1	-0.96 - 4.0	4.8/29.9	46588
2009 UG ₅	2009 10 25.1	01 58.28 -00 54.3 19.8	-0.86 - 4.3	5.4/21.4	64070
2003 OF ₁₅	2009 10 25.1	01 58.31 +37 21.1 18.6	-0.94 - 4.5	8.7/02.8	64204
2008 GY ₁₀₀	2009 10 25.1	01 58.31 +07 59.6 21.1	-0.99 - 6.4	1.5/24.0	43300
2005 MS ₂₇	2009 10 25.1	01 58.33 +10 48.7 19.8	-0.94 - 8.3	0.5/24.8	64243
2005 UA ₁₇₈	2009 10 25.1	01 58.34 +12 17.5 19.8	-0.99 - 0.3	0.1/25.2	64265
2007 EG ₁₇₂	2009 10 25.1	01 58.35 -01 32.3 19.8	-0.76 -12.6	4.7/20.3	64315
2009 TT ₃₆	2009 10 25.1	01 58.37 -02 17.6 19.2	-0.82 - 9.6	5.5/20.5	64068
2008 LN ₁₅	2009 10 25.1	01 58.38 +12 33.7 18.4	-0.85 -11.1	0.2/25.3	64335
2008 JH ₅	2009 10 25.1	01 58.39 -05 20.2 20.7	-0.84 - 5.3	5.8/20.1	41666
2009 SW ₂₁₄	2009 10 25.1	01 58.43 +07 27.4 18.8	-0.84 - 3.1	2.5/23.9	64018
2005 XA ₂₇	2009 10 25.1	01 58.44 +15 20.5 20.2	-0.89 - 4.4	1.3/26.1	63775
2005 UG ₅₀₆	2009 10 25.1	01 58.44 +23 06.5 20.1	-0.85 - 2.9	3.2/28.3	02260
2004 XC ₆₅	2009 10 25.1	01 58.45 +27 04.0 19.3	-0.81 - 6.1	4.6/30.0	64238
2005 UR ₄₂₅	2009 10 25.1	01 58.46 +15 19.9 19.7	-0.75 - 6.3	1.6/26.2	63749
2007 BM ₃₀	2009 10 25.1	01 58.46 +06 05.4 20.6	-0.97 - 4.9	2.2/23.5	63811
2006 DF ₅₆	2009 10 25.1	01 58.47 +15 44.5 20.0	-0.86 - 2.0	1.1/26.1	64293
2007 KG ₄	2009 10 25.1	01 58.49 -04 20.5 21.8	-0.69 - 5.2	3.9/20.1	55328
2002 VB ₁₃₄	2009 10 25.1	01 58.52 +15 14.5 19.2	-1.11 - 0.6	1.5/25.9	64197
2005 UV ₄₉₁	2009 10 25.1	01 58.52 -12 03.1 19.7	-0.93 - 1.1	9.9/19.1	64271

2007 CU ₅₀	2009 10 25.2	01 58.45 -00 48.5 20.1	-0.83 - 7.5	4.1/21.2	64306
2002 RQ ₁₂₃	2009 10 25.2	01 58.45 +01 58.1 18.7	-0.89 - 3.3	5.2/22.5	63633
2005 XJ ₈₃	2009 10 25.2	01 58.54 +20 16.3 18.9	-0.91 - 3.0	3.8/27.4	63778
2009 SX ₁₃₆	2009 10 25.2	01 58.55 +12 11.7 20.5	-0.76 - 6.6	0.0/25.3	63990
2001 WW ₆₄	2009 10 25.2	01 58.56 +03 44.0 19.2	-1.13 + 1.4	3.3/23.5	64172
2005 WH ₄₀	2009 10 25.2	01 58.57 +06 40.3 19.2	-0.89 - 2.7	2.5/23.8	64274
2004 NL ₁₇	2009 10 25.2	01 58.57 -12 04.6 19.6	-0.82 - 4.8	8.3/17.9	62394
2004 RD ₂₈	2009 10 25.2	01 58.59 +26 36.2 19.1	-0.97 - 2.2	6.0/29.0	64223
1992 UE ₇	2009 10 25.2	01 58.61 +11 56.2 19.6	-0.79 - 4.0	0.1/25.2	64143
2004 LF ₁₆	2009 10 25.2	01 58.66 -19 39.8 19.3	-0.86 - 1.7	12.4/16.6	64220
2009 RZ ₅₅	2009 10 25.2	01 58.67 +08 00.9 20.2	-0.86 - 4.0	1.4/24.1	62197
2007 FN ₂	2009 10 25.2	01 58.68 -07 03.9 20.4	-0.91 - 3.2	6.2/19.9	22885
2005 UF ₈₅	2009 10 25.2	01 58.68 +09 24.2 20.5	-1.00 - 2.2	1.2/24.6	61959
2006 VW ₁₂₇	2009 10 25.2	01 58.73 +17 33.6 20.1	-1.14 - 4.4	2.1/26.7	62493
2007 ER ₇₅	2009 10 25.2	01 58.77 +01 21.0 21.0	-0.69 - 7.2	2.8/21.8	22583
2009 SK ₇₄	2009 10 25.2	01 58.77 +01 45.5 20.0	-0.70 - 7.0	3.3/21.9	63972
2008 GN ₂₀	2009 10 25.2	01 58.79 +13 18.4 20.8	-1.08 - 5.8	0.5/25.6	64329
2003 SH ₃₂₀	2009 10 25.2	01 58.79 +25 29.6 20.2	-0.84 - 3.9	3.8/29.2	48903
2002 RS ₂₅₇	2009 10 25.2	01 58.79 +13 30.1 18.9	-1.10 + 2.7	0.8/25.5	64191
2007 GS ₁₉	2009 10 25.2	01 58.80 +13 17.7 21.3	-0.76 - 4.2	0.3/25.6	41870
2008 KU ₃₆	2009 10 25.2	01 58.81 +00 04.6 19.6	-0.81 - 6.7	4.7/21.6	64334
2002 QY ₇₀	2009 10 25.2	01 58.82 +17 33.6 21.3	-1.10 - 5.2	2.2/26.7	38843
2004 FZ ₁₂₅	2009 10 25.2	01 58.91 +10 03.1 19.6	-0.96 - 6.9	0.8/24.7	64218
2006 BK ₁₂₈	2009 10 25.3	01 58.84 +17 16.7 23.2	-0.79 - 4.0	1.3/26.8	38085
1995 SN ₆₁	2009 10 25.3	01 58.87 +06 28.1 19.9	-0.84 - 5.4	2.9/23.7	64144
2000 EP ₁₃₃	2009 10 25.3	01 58.87 +17 28.7 21.1	-1.02 - 3.8	1.8/26.7	12733
2005 AN ₂₇	2009 10 25.3	01 58.87 -32 46.6 20.9	-1.12 - 2.4	18.6/09.5	42736
2004 RM ₂₉₁	2009 10 25.3	01 58.89 +00 25.9 19.4	-0.72 -10.3	4.3/21.3	64227
2006 DB ₆₃	2009 10 25.3	01 58.91 +13 56.4 19.1	-0.88 - 1.8	0.6/25.8	63795
2004 EF ₄₄	2009 10 25.3	01 58.91 +19 02.8 20.7	-1.07 - 3.6	2.4/27.1	11039
2007 CK ₅₄	2009 10 25.3	01 58.93 +14 41.3 20.7	-0.97 - 4.6	0.9/26.0	64307
2005 YP ₁₆₁	2009 10 25.3	01 58.96 +30 22.0 18.8	-0.91 - 7.5	6.2/31.3	64284
2007 EU ₁₃₄	2009 10 25.3	01 58.97 -02 16.4 21.0	-0.80 - 6.9	4.2/20.8	19719
2007 DF ₁₁₂	2009 10 25.3	01 58.97 +15 47.6 21.1	-1.01 - 1.8	1.3/26.2	63819
2005 YY ₁₁₇	2009 10 25.3	01 59.00 +02 12.4 20.5	-0.86 - 3.5	4.1/22.6	56038
2003 UJ ₃₃₇	2009 10 25.3	01 59.00 +17 15.7 20.0	-0.85 - 2.3	1.5/26.7	63671
2001 XG ₁₀₇	2009 10 25.3	01 59.06 +33 45.8 19.4	-0.96 - 6.4	8.7/01.4	64174
2008 KB	2009 10 25.3	01 59.07 +13 21.7 20.5	-1.07 - 4.8	0.5/25.7	64334
2007 WX ₃	2009 10 25.3	01 59.08 +14 26.3 19.7	-1.76 + 3.3	1.3/25.7	63840
2005 VQ ₇₂	2009 10 25.3	01 59.09 -01 29.3 20.3	-0.92 - 1.8	4.4/21.9	18154
2009 ST ₁₆₀	2009 10 25.3	01 59.10 +04 10.4 19.0	-0.86 -26.6	3.7/22.1	64001
2009 SG ₁₅₉	2009 10 25.3	01 59.14 +14 01.3 20.6	-0.72 - 9.4	0.5/26.0	64000
2005 NZ ₉	2009 10 25.3	01 59.16 +08 42.5 21.3	-1.01 - 5.8	1.3/24.4	64243
2004 XQ ₁₆	2009 10 25.3	01 59.17 -00 24.1 19.5	-0.85 - 1.3	4.2/22.2	63696
2007 HM ₃₀	2009 10 25.3	01 59.18 +08 47.4 20.2	-0.83 - 5.7	1.1/24.4	64321
2006 BZ ₅₉	2009 10 25.3	01 59.19 +28 12.2 20.7	-0.89 - 2.6	4.6/29.9	01238
2007 CS ₁	2009 10 25.3	01 59.20 +28 33.6 20.2	-1.03 - 3.5	5.5/30.0	22872
2007 ES ₁₀₄	2009 10 25.3	01 59.20 +14 22.2 20.5	-0.91 - 3.4	0.8/26.0	63824
2005 SS ₂₈₉	2009 10 25.3	01 59.21 +13 41.8 20.4	-0.99 - 3.0	0.5/25.8	64257
2004 DZ	2009 10 25.3	01 59.21 -25 50.9 21.9	-0.99 - 5.3	11.9/12.0	66336
2002 RH ₂₈₁	2009 10 25.3	01 59.23 +11 12.9 20.1	-1.07 - 4.8	0.5/25.1	63635

2007 EV ₁₂₈	2009 10 25.3	01 59.28 +13 37.6 20.5	-0.94 - 4.6	0.5/25.8	64314
2001 YS ₁₃₁	2009 10 25.3	01 59.29 -05 27.8 20.3	-0.92 - 1.9	5.5/20.8	41092
2007 GS ₆₃	2009 10 25.3	01 59.29 +11 43.6 20.4	-0.86 - 2.6	0.1/25.3	64319
2009 SQ ₂₁₄	2009 10 25.4	01 59.22 +08 50.4 19.4	-0.84 - 6.4	1.6/24.4	64018
2002 CA ₁₆₂	2009 10 25.4	01 59.25 -11 54.1 19.9	-0.87 - 4.5	8.0/17.9	30672
2002 CR ₁₈	2009 10 25.4	01 59.26 -11 26.8 20.9	-0.84 - 3.4	6.5/18.4	21115
2005 UM ₅₁₂	2009 10 25.4	01 59.29 +01 03.0 19.2	-0.86 - 4.8	4.5/22.3	63752
2007 BD ₁₇	2009 10 25.4	01 59.30 +28 43.2 20.8	-1.04 - 4.5	5.5/30.2	18188
2007 BY ₆₈	2009 10 25.4	01 59.36 +19 41.0 21.0	-0.89 - 4.4	2.2/27.6	18192
2002 CH ₁₁₀	2009 10 25.4	01 59.42 +21 34.6 19.7	-0.99 - 2.3	3.2/27.9	64180
2008 EA ₁₂₃	2009 10 25.4	01 59.43 +10 50.8 20.4	-1.06 - 4.1	0.5/25.1	63845
2006 AE ₈₉	2009 10 25.4	01 59.44 -05 48.0 20.7	-0.74 - 4.5	5.1/20.0	43252
2009 SC ₁₈₈	2009 10 25.4	01 59.44 +02 34.2 19.8	-0.72 - 7.3	3.2/22.3	64009
2008 RP ₆₂	2009 10 25.4	01 59.51 +16 47.9 21.0	-0.56 - 1.9	0.9/26.8	63864
2002 CV ₂₀₆	2009 10 25.4	01 59.53 +20 20.2 18.1	-0.90 + 1.3	4.3/27.3	64181
2002 AT ₁₆	2009 10 25.4	01 59.55 -11 47.7 20.0	-0.89 - 3.9	7.7/18.2	20757
2004 XR	2009 10 25.4	01 59.58 +17 44.7 18.1	-0.99 + 0.8	2.3/26.7	64236
2008 FX ₄₀	2009 10 25.4	01 59.58 +04 00.6 19.3	-0.89 - 5.9	3.4/23.2	64327
2009 SA ₂₉₁	2009 10 25.4	01 59.58 +04 14.7 20.9	-0.84 - 4.9	2.5/23.2	64041
2000 SF ₂₁	2009 10 25.4	01 59.60 +04 32.1 18.8	-0.63 -15.7	3.3/22.5	64155
2004 GL ₆₄	2009 10 25.4	01 59.62 +17 21.8 20.9	-1.07 - 3.3	1.9/26.8	95205
2007 DX ₁₁₂	2009 10 25.4	01 59.63 +08 49.6 19.5	-0.88 - 5.1	1.7/24.5	63820
2006 BS ₄₃	2009 10 25.4	01 59.64 +23 41.2 21.1	-0.84 - 3.4	3.0/28.7	63789
2009 RY ₃₂	2009 10 25.4	01 59.64 +13 56.8 20.8	-0.86 - 4.3	0.6/26.0	63935
2009 TP ₃₁	2009 10 25.4	01 59.70 +05 54.9 18.2	-1.06 + 1.8	3.3/24.2	64066
2008 KZ ₁₅	2009 10 25.5	01 59.60 -12 37.9 22.3	-0.92 - 2.3	9.0/18.8	40625
2006 BU ₂₄₄	2009 10 25.5	01 59.61 +09 25.9 20.4	-0.83 - 3.8	0.9/24.7	64291
2007 EY ₁₇₄	2009 10 25.5	01 59.62 +32 26.8 20.6	-1.08 0.0	5.4/30.7	59792
2006 FT ₂₄	2009 10 25.5	01 59.66 +10 15.0 21.3	-0.88 - 3.4	0.6/25.0	02311
1995 UW ₃₀	2009 10 25.5	01 59.67 +08 03.9 20.5	-1.01 - 5.9	1.7/24.4	15019
2005 OF ₁₀	2009 10 25.5	01 59.67 +27 35.8 18.6	-1.17 - 2.7	6.8/29.7	64245
2005 UY ₃₇₆	2009 10 25.5	01 59.67 +21 23.5 20.8	-0.91 - 8.3	2.9/28.4	58517
2005 WD ₃₆	2009 10 25.5	01 59.72 +03 39.9 19.9	-0.89 - 3.2	2.9/23.3	63763
2005 WV ₃₅	2009 10 25.5	01 59.74 +16 11.9 19.4	-0.86 - 6.7	1.5/26.7	63763
2007 RQ ₁₉	2009 10 25.5	01 59.75 +01 13.2 21.2	-0.81 - 5.3	3.2/22.3	64305
2004 XO ₁₀₄	2009 10 25.5	01 59.76 +09 23.3 19.2	-0.85 - 2.4	1.0/24.8	63700
2001 PJ ₄₂	2009 10 25.5	01 59.78 +01 15.8 18.9	-1.00 -21.3	4.7/21.4	64161
2008 NR ₁	2009 10 25.5	01 59.79 +13 12.4 19.0	-0.72 - 9.4	0.3/25.9	64335
2000 FF ₁₅	2009 10 25.5	01 59.80 +16 02.0 20.0	-1.04 + 0.4	1.1/26.4	63606
2008 DJ ₆₇	2009 10 25.5	01 59.81 +13 51.2 21.1	-1.05 - 6.7	0.6/26.0	64325
2005 PL ₁	2009 10 25.5	01 59.82 +13 41.8 18.5	-0.92 - 2.9	0.7/25.9	64246
2005 QV ₉₃	2009 10 25.5	01 59.83 +00 06.6 19.8	-0.95 - 4.0	4.8/22.3	64249
2004 FP ₁₂₅	2009 10 25.5	01 59.83 +14 21.1 20.4	-1.07 - 4.7	0.8/26.1	64218
2006 BG ₁₅₇	2009 10 25.5	01 59.83 +20 48.6 20.1	-0.95 - 2.3	3.0/27.8	64290
2003 FM ₁₀₃	2009 10 25.5	01 59.84 +15 00.6 20.8	-0.93 - 4.0	0.9/26.3	58449
2003 SD ₁₂₄	2009 10 25.5	01 59.84 +18 07.1 19.2	-0.87 - 2.2	1.8/27.1	64208
2005 XN ₃₇	2009 10 25.5	01 59.85 +03 04.5 20.2	-0.88 - 2.7	3.3/23.1	63776
2004 AP ₁₂	2009 10 25.5	01 59.87 +06 19.1 20.4	-1.06 - 4.7	2.5/24.0	64214
2002 AP ₁₄₃	2009 10 25.5	01 59.87 +07 40.0 19.5	-0.86 - 5.4	1.8/24.2	64178
2008 HY ₃₃	2009 10 25.5	01 59.88 +04 34.6 20.3	-0.97 - 7.8	3.0/23.3	62537
2009 RS ₆₂	2009 10 25.5	01 59.88 +09 38.7 19.8	-1.07 - 2.6	1.0/24.9	63945

2005 XM ₃	2009 10 25.5	01 59.92 +04 15.7 18.6	-0.83	- 3.2	3.8/23.4	64278	2007 EA ₁₄₁	2009 10 25.7	02 00.66 +11 33.8 19.9	-0.83	- 6.8	0.3/25.5	64315
2005 UJ ₄₅	2009 10 25.5	01 59.93 +05 54.1 20.7	-0.91	- 4.3	2.5/23.8	64261	2004 TU ₂₂₈	2009 10 25.7	02 00.67 +12 35.5 19.8	-0.79	- 6.5	0.1/25.9	63690
2008 EW ₅₄	2009 10 25.5	01 59.93 +12 47.1 20.6	-1.06	- 3.4	0.2/25.7	64325	2005 XC ₁₁₁	2009 10 25.7	02 00.73 +17 19.9 21.4	-0.83	- 3.4	1.5/27.2	02263
2009 RS ₅₅	2009 10 25.5	01 59.94 +06 09.3 19.3	-0.91	- 6.9	3.0/23.8	64362	2007 ET ₂₆	2009 10 25.7	02 00.74 +02 03.9 20.5	-0.81	- 5.4	3.1/22.8	64311
2005 WJ ₅₃	2009 10 25.5	01 59.95 +08 01.8 19.6	-0.92	- 3.8	1.7/24.4	61990	2005 WO ₁₈₅	2009 10 25.7	02 00.76 -04 33.8 19.3	-0.91	- 1.7	5.6/21.5	96579
2005 UG ₂₂	2009 10 25.5	01 59.96 +14 51.4 20.7	-0.91	- 7.0	1.0/26.4	64261	2002 AT ₇₈	2009 10 25.7	02 00.78 -09 58.8 20.5	-0.96	- 2.2	8.9/19.5	94494
2006 BK ₄₅	2009 10 25.5	01 59.96 +10 15.3 20.7	-0.80	- 4.6	0.6/25.0	64288	2003 ED ₅₈	2009 10 25.7	02 00.78 -06 56.5 19.9	-0.94	- 1.6	6.3/20.9	64202
2005 UG ₂₄₁	2009 10 25.5	01 59.99 -00 08.0 20.2	-0.98	- 1.5	4.7/22.5	64267	2005 SC ₂₃₈	2009 10 25.7	02 00.79 +15 58.4 20.0	-0.97	- 3.8	1.4/26.8	64257
2004 DS ₂₁	2009 10 25.5	02 00.03 +46 11.0 21.3	-1.45	- 1.0	10.9/03.7	62509	2007 ED ₁₅₅	2009 10 25.7	02 00.81 +23 02.9 19.6	-0.99	- 3.0	3.8/28.6	64315
2009 RD ₃₅	2009 10 25.5	02 00.04 +11 20.3 19.6	-0.79	- 6.2	0.3/25.3	63936	2002 EO ₁₃₀	2009 10 25.7	02 00.82 +27 38.9 19.6	-0.91	- 5.2	4.7/30.4	62345
2004 GY ₄₁	2009 10 25.5	02 00.09 +20 12.4 19.2	-1.15	- 1.5	3.0/27.5	64218	2007 BH ₇₄	2009 10 25.7	02 00.82 -13 06.7 21.0	-0.88	- 3.0	8.2/18.7	20518
2001 VB ₁₃₂	2009 10 25.6	02 00.01 +01 03.4 20.3	-0.78	-11.3	4.3/21.7	63620	2000 SV ₃₃₈	2009 10 25.7	02 00.83 +19 55.6 19.3	-1.11	+ 0.6	2.8/27.5	64156
2001 CC ₂	2009 10 25.6	02 00.01 -12 20.9 19.8	-0.77	- 4.2	6.8/17.9	21303	2002 AH ₁₀₁	2009 10 25.7	02 00.83 +19 17.4 19.7	-0.96	- 3.6	2.6/27.7	64178
2000 AN ₂₁₇	2009 10 25.6	02 00.06 +44 43.5 21.6	-0.93	- 4.2	7.2/05.8	47141	2009 SZ ₂₁₄	2009 10 25.8	02 00.77 +06 45.5 19.7	-0.84	- 6.6	2.4/24.1	64018
2007 GE ₂	2009 10 25.6	02 00.09 +00 08.7 20.8	-0.81	- 2.7	3.4/22.3	64318	2005 WE ₇₉	2009 10 25.8	02 00.83 +26 41.0 20.0	-0.91	- 7.0	4.8/30.3	56036
2007 CS ₅₆	2009 10 25.6	02 00.09 +01 01.7 20.5	-0.88	- 7.2	3.8/22.2	64307	2001 XT ₁₄₉	2009 10 25.8	02 00.84 -05 07.1 19.3	-0.97	- 0.9	7.4/21.4	60753
2009 RB ₅₄	2009 10 25.6	02 00.16 +11 52.9 19.3	-0.92	- 1.5	0.1/25.5	63942	2002 QK ₇₂	2009 10 25.8	02 00.84 +17 01.5 20.1	-1.01	- 5.2	2.2/27.1	64189
2004 JQ ₁₄	2009 10 25.6	02 00.19 +04 22.9 20.6	-0.96	- 4.1	2.5/23.5	64219	2005 TV ₃₁	2009 10 25.8	02 00.84 +07 04.1 19.3	-0.89	- 5.7	2.3/24.3	64258
2005 UX ₄₇₉	2009 10 25.6	02 00.21 +01 35.0 19.5	-0.86	- 6.4	4.6/22.5	64271	2000 DQ ₉	2009 10 25.8	02 00.87 +11 56.8 21.5	-1.00	- 5.4	0.1/25.7	64152
2005 VE ₅₃	2009 10 25.6	02 00.21 +06 53.3 18.3	-0.78	- 6.1	2.5/24.0	64272	2002 CO ₁₈₂	2009 10 25.8	02 00.95 +31 56.6 19.4	-1.04	- 1.7	8.4/31.2	64181
2007 DC ₄₅	2009 10 25.6	02 00.24 -04 07.9 22.8	-0.82	- 5.6	4.6/20.7	40453	2008 OR	2009 10 25.8	02 00.96 +46 47.3 20.6	-1.13	- 6.9	10.5/07.2	43303
2001 UR ₁₆₅	2009 10 25.6	02 00.27 +07 16.7 18.5	-1.87	+12.3	2.7/25.3	64168	2007 CZ ₁₄	2009 10 25.8	02 00.97 -03 51.7 20.8	-0.83	- 5.7	5.0/21.0	26244
2004 GY ₅₈	2009 10 25.6	02 00.28 +07 16.9 20.7	-0.95	- 5.1	1.7/24.3	64218	2008 KU ₂₁	2009 10 25.8	02 00.97 +03 37.9 19.6	-0.85	- 5.5	3.5/23.3	64334
2008 HJ ₂₂	2009 10 25.6	02 00.29 -03 24.6 20.8	-0.86	- 3.9	4.9/21.4	40766	2008 RP ₃₁	2009 10 25.8	02 00.98 +04 23.5 20.6	-0.49	- 3.9	1.5/23.3	63863
2001 KM ₁₅	2009 10 25.6	02 00.32 -04 50.5 20.1	-1.11	- 0.2	6.7/22.0	64160	2005 UN ₃₆₂	2009 10 25.8	02 01.01 +11 06.1 20.4	-1.09	- 0.2	0.4/25.6	64269
2004 PX ₅₆	2009 10 25.6	02 00.34 +04 46.7 19.3	-0.82	- 6.3	2.8/23.4	64221	2003 SM ₁₈₂	2009 10 25.8	02 01.03 +09 18.0 20.3	-0.73	- 7.6	0.8/24.9	64209
2000 SP ₅	2009 10 25.6	02 00.34 +29 07.6 18.9	-0.95	- 7.2	5.8/31.1	64155	2009 SK ₂₆₆	2009 10 25.8	02 01.06 +17 13.2 19.4	-1.03	- 6.5	2.1/27.3	64033
2005 YL ₂₆	2009 10 25.6	02 00.34 +09 50.9 20.2	-0.88	- 3.8	0.9/25.0	63780	2006 XK ₄₃	2009 10 25.8	02 01.06 +22 09.2 20.5	-1.06	- 5.8	3.8/28.6	18183
2002 RV ₂₈	2009 10 25.6	02 00.36 +25 22.4 19.6	-1.09	- 5.0	5.6/29.3	64190	2003 DJ ₉	2009 10 25.8	02 01.08 +10 47.4 21.0	-0.93	- 3.4	0.5/25.5	64201
2008 RG ₃₃	2009 10 25.6	02 00.37 +20 26.0 19.6	-0.55	- 2.3	1.5/28.2	64336	2002 TF ₂₉₉	2009 10 25.8	02 01.11 +14 50.4 20.0	-1.00	- 6.2	1.1/26.6	64194
2005 WK ₁₄₆	2009 10 25.6	02 00.37 +10 10.9 21.0	-0.88	- 3.6	0.6/25.1	64277	2009 TY ₁₃	2009 10 25.8	02 01.12 +13 12.9 19.2	-0.93	- 5.0	0.4/26.1	64060
2007 EY ₂₁₈	2009 10 25.6	02 00.39 +16 44.2 18.8	-1.32	+ 4.7	1.8/26.4	64316	2007 CM ₄	2009 10 25.8	02 01.13 +13 24.2 20.9	-1.01	- 4.8	0.4/26.2	64305
2005 QF ₄₉	2009 10 25.6	02 00.42 +14 53.8 19.4	-0.97	- 5.6	1.1/26.4	64248	2004 VF ₃₈	2009 10 25.8	02 01.13 +07 44.7 18.8	-0.87	- 2.1	1.6/24.7	64235
2000 UC ₉₆	2009 10 25.6	02 00.42 +25 13.0 18.8	-0.74	-12.4	5.5/30.6	63615	2005 QH ₁₅₈	2009 10 25.8	02 01.17 +01 35.7 20.0	-0.91	- 4.8	4.6/22.9	64250
2000 SJ ₃₅₅	2009 10 25.6	02 00.43 +02 30.5 18.4	-1.09	+ 3.8	4.3/23.9	64156	2007 EJ ₁₈	2009 10 25.8	02 01.18 +07 01.6 20.0	-0.83	- 6.1	1.8/24.3	64311
2004 NB ₁₃	2009 10 25.6	02 00.44 -10 46.1 20.8	-0.88	- 3.7	7.3/19.2	40686	2005 US ₂₈₀	2009 10 25.8	02 01.19 +09 29.6 19.2	-1.11	+ 1.5	1.2/25.3	64268
2009 UA ₂₇	2009 10 25.7	02 00.38 +16 51.7 20.1	-0.88	- 4.9	1.7/27.0	64074	1998 BB ₂₂	2009 10 25.9	02 01.14 +33 25.4 19.8	-1.04	- 4.1	7.9/01.0	97333
2009 SK ₁₃₇	2009 10 25.7	02 00.41 +14 52.9 20.3	-0.86	- 1.7	0.8/26.4	63991	2006 BH ₁₂₈	2009 10 25.9	02 01.20 -00 58.5 19.7	-0.73	- 5.9	4.5/21.8	63790
2004 TO ₁₇₂	2009 10 25.7	02 00.42 +26 22.3 19.4	-0.94	- 2.7	4.9/29.6	64232	2001 VM ₁₁₀	2009 10 25.9	02 01.23 +22 51.1 20.4	-0.94	- 6.9	3.8/29.0	30549
2008 GO ₁₁	2009 10 25.7	02 00.45 +12 52.8 19.6	-1.14	- 2.8	0.2/25.9	64329	2003 SX ₂₁₉	2009 10 25.9	02 01.25 -04 14.2 19.7	-0.70	- 7.1	5.3/20.6	64209
2007 DS ₄₆	2009 10 25.7	02 00.47 +00 53.7 20.2	-0.95	- 5.3	4.7/22.5	64308	2008 EC ₄₆	2009 10 25.9	02 01.28 -00 51.0 19.8	-0.93	-20.7	5.7/20.9	64325
2007 HA ₈₈	2009 10 25.7	02 00.50 -00 31.5 20.0	-0.83	- 2.4	3.9/22.3	64322	2004 VW ₂₇	2009 10 25.9	02 01.28 +28 59.2 18.9	-0.81	- 9.1	4.9/31.7	73528
2007 CY ₂₅	2009 10 25.7	02 00.59 +16 50.1 19.1	-1.13	- 1.3	2.0/26.8	64306	2009 SM ₂₃₄	2009 10 25.9	02 01.31 -04 38.5 19.1	-0.79	- 3.1	5.6/21.1	64023
2006 VV ₉₅	2009 10 25.7	02 00.61 +08 37.6 18.9	-1.20	+ 0.8	1.8/25.0	64299	2009 UJ ₄₉	2009 10 25.9	02 01.32 +10 33.8 20.2	-0.92	- 2.8	0.6/25.5	64076
2005 WG ₁₆₀	2009 10 25.7	02 00.62 -06 55.3 19.7	-0.95	- 3.1	7.4/20.3	98011	2002 EZ ₇	2009 10 25.9	02 01.33 -00 58.7 20.5	-0.49	- 2.4	2.3/21.9	64182
2005 OA ₁₀	2009 10 25.7	02 00.63 -12 35.0 20.7	-0.97	- 2.8	10.4/19.4	87713	2005 UY ₃₀₉	2009 10 25.9	02 01.33 +03 11.7 19.8	-1.00	- 0.7	3.5/23.8	63747
2005 YN ₁₇₆	2009 10 25.7	02 00.63 +13 04.3 21.6	-0.77	- 4.2	0.2/26.0	64284	2009 UA ₂₄	2009 10 25.9	02 01.33 +10 42.0 20.3	-0.76	- 9.1	0.5/25.4	64074
2004 PP ₆₄	2009 10 25.7	02 00.63 +16 40.8 18.7	-0.96	- 2.2	1.7/26.9	64221	2004 VG ₈₅	2009 10 25.9	02 01.34 +16 47.6 19.5	-0.80	- 5.3	1.4/27.3	64236
2002 AV ₁₈₈	2009 10 25.7	02 00.63 +13 07.2 19.6	-0.90	- 6.0	0.3/26.0	64179	2007 GF ₂₅	2009 10 25.9	02 01.34 +02 47.1 19.3	-0.90	- 1.2	3.0/23.6	64318
2004 CZ ₇	2009 10 25.7	02 00.65 +09 38.2 19.8	-1.14	- 2.0	1.1/25.1	63672	2008 GB ₁₄₁	2009 10 25.9	02 01.39 +08 49.7 21.4	-0.99	- 7.6	1.3/24.9	58607
2005 SN ₂₂₄	2009 10 25.7	02 00.65 +15 54.6 21.2	-1.03	- 3.1	1.3/26.7	64256	2007 AG ₄	2009 10 25.9	02 01.40 +25 30.1 19.1	-1.09	- 2.9	6.3/29.4	63808

2004 SV ₇	2009 10 25.9	02 01.41 +12 12.5 20.1	-0.88	- 3.7	0.1/25.9	64228
2007 EN ₂₉	2009 10 25.9	02 01.41 +06 21.0 19.0	-0.88	- 5.1	2.9/24.3	63820
2009 SZ ₁₃₆	2009 10 25.9	02 01.43 +11 28.7 19.1	-0.80	- 8.5	0.4/25.7	63990
2005 VW ₁₃	2009 10 25.9	02 01.45 +00 10.9 19.9	-0.92	- 4.0	5.2/22.6	64272
2001 DD ₅₈	2009 10 25.9	02 01.45 +23 27.9 21.0	-0.97	- 3.3	3.7/28.9	64159
2001 TU ₁₆	2009 10 25.9	02 01.46 +20 03.5 18.8	-1.90	+12.5	4.3/26.5	64165
2003 AQ ₆₄	2009 10 25.9	02 01.47 +12 47.7 19.3	-0.92	- 7.9	0.2/26.1	64200
2004 SE ₆	2009 10 25.9	02 01.53 +05 01.0 20.4	-0.80	- 6.9	2.2/23.8	64228
2005 LM ₅₃	2009 10 25.9	02 01.55 +20 41.9 20.1	-1.06	- 5.8	3.1/28.3	64242
2005 UY ₁₀₄	2009 10 25.9	02 01.55 +10 48.7 20.1	-0.85	- 8.1	0.6/25.5	64263
2002 QT ₅₉	2009 10 25.9	02 01.58 +24 18.2 20.7	-1.09	- 6.5	4.9/29.5	64189
2005 BZ ₂₇	2009 10 25.9	02 01.59 -32 56.6 19.7	-0.86	- 8.2	21.0/09.0	64240
2005 UX ₄₀₂	2009 10 26.0	02 01.53 -04 26.4 18.9	-0.96	- 0.5	6.3/22.0	64269
2008 LB ₃	2009 10 26.0	02 01.53 +27 08.1 20.2	-0.85	- 5.2	4.6/30.6	64334
2006 MG ₆	2009 10 26.0	02 01.53 -33 16.4 19.8	-1.26	+ 2.8	20.6/13.9	58530
2000 CZ ₂	2009 10 26.0	02 01.54 -04 21.6 20.0	-0.94	- 7.0	6.1/20.9	19520
2005 SA ₁₁₈	2009 10 26.0	02 01.55 +00 58.1 19.3	-0.92	- 3.7	4.9/22.9	64254
2008 GU ₂₁	2009 10 26.0	02 01.59 +09 55.3 20.0	-0.84	- 9.6	0.9/25.2	64329
2005 UR ₉₇	2009 10 26.0	02 01.59 +10 59.3 20.0	-0.84	- 9.4	0.5/25.6	64263
2005 UK ₁₀₂	2009 10 26.0	02 01.60 +06 47.0 19.6	-0.86	- 6.5	2.2/24.4	64263
2006 DH ₁₅	2009 10 26.0	02 01.61 +22 55.1 19.8	-0.93	- 2.3	3.5/28.8	64292
2005 OA ₇	2009 10 26.0	02 01.63 +09 34.5 19.7	-1.01	- 4.2	1.2/25.3	64245
2004 XB ₁₀₂	2009 10 26.0	02 01.63 -36 10.4 19.3	-1.06	- 2.4	23.6/09.0	76557
2004 RD ₁₃₈	2009 10 26.0	02 01.66 +14 25.8 19.0	-0.82	- 9.7	0.7/26.7	64224
2009 SJ ₄₈	2009 10 26.0	02 01.68 +16 39.6 20.8	-0.52	- 2.6	0.8/27.3	63963
2002 RR ₂₆₉	2009 10 26.0	02 01.74 +18 58.4 20.3	-1.12	- 4.2	2.6/27.7	21124
2005 WM ₉₇	2009 10 26.0	02 01.74 +14 25.1 20.0	-0.90	- 4.9	0.7/26.6	64276
2006 BB ₂₄₉	2009 10 26.0	02 01.79 +12 02.0 21.4	-0.79	- 3.7	0.1/26.0	02282
2005 QW ₈	2009 10 26.0	02 01.80 +21 12.0 19.8	-1.08	- 3.5	3.6/28.4	64246
2009 SV ₂₃₄	2009 10 26.0	02 01.81 +34 15.0 18.6	-1.23	+ 2.6	8.5/31.1	64395
2005 WY ₈	2009 10 26.0	02 01.85 +12 39.5 19.3	-0.83	- 5.0	0.1/26.1	64273
2002 EU ₂₃	2009 10 26.0	02 01.85 +14 30.6 20.1	-0.88	- 4.4	0.8/26.7	64182
2003 CH	2009 10 26.0	02 01.86 -11 16.6 22.5	-0.88	- 3.4	6.6/19.3	14017
2005 AH ₃₉	2009 10 26.0	02 01.86 -25 28.9 19.5	-0.72	- 3.9	10.8/12.4	43228
2002 RE ₁₀₅	2009 10 26.0	02 01.87 +19 03.3 18.5	-1.14	- 0.9	3.1/27.6	64191
2002 FK ₁	2009 10 26.0	02 01.89 +04 23.8 20.7	-1.05	- 1.1	2.7/24.2	64183
2009 SZ ₁₄	2009 10 26.0	02 01.89 +32 27.7 18.7	-3.83	+39.0	12.4/23.9	63951
2004 RP ₉₃	2009 10 26.0	02 01.94 +15 23.8 19.6	-0.85	- 7.1	0.9/27.0	64224
2005 QP ₉₀	2009 10 26.0	02 01.95 +13 25.7 20.3	-1.00	- 5.5	0.4/26.4	90234
2008 SJ ₂₅₃	2009 10 26.1	02 01.90 +40 32.7 19.3	-0.75	- 0.7	5.5/03.7	64338
2006 BP ₁₀₉	2009 10 26.1	02 01.96 -04 40.1 21.0	-0.75	- 3.6	4.9/21.2	19280
2004 BK ₁₀₂	2009 10 26.1	02 01.97 +24 12.3 18.9	-1.07	- 3.8	5.7/29.2	64214
2005 WU ₁₃₅	2009 10 26.1	02 01.99 +13 04.1 19.7	-0.89	- 5.1	0.3/26.3	64277
2005 TD ₁₁₈	2009 10 26.1	02 02.03 +14 58.5 20.7	-0.97	- 4.6	0.9/26.8	64259
2004 VK ₇₁	2009 10 26.1	02 02.04 +11 57.6 19.4	-0.83	- 3.8	0.2/26.0	64236
1999 RS ₁₉₁	2009 10 26.1	02 02.04 +16 00.0 19.0	-0.97	- 4.4	1.9/27.1	63603
2009 RT ₆₄	2009 10 26.1	02 02.05 +09 39.0 19.4	-0.56	- 1.9	0.6/25.3	63947
2008 FG ₇₃	2009 10 26.1	02 02.05 +03 05.6 19.3	-1.01	- 3.3	4.0/23.8	63848
2005 UU ₅₀₉	2009 10 26.1	02 02.05 +09 44.6 19.2	-0.76	- 8.2	1.2/25.3	64271
2007 HZ ₁₉	2009 10 26.1	02 02.06 +09 38.3 20.7	-0.84	- 1.9	0.8/25.4	64320
2001 HC ₆₆	2009 10 26.1	02 02.08 -25 15.9 20.9	-1.03	- 1.8	11.9/15.2	40668

2005 RL ₄₁	2009 10 26.1	02 02.09 +07 44.6 19.8	-0.95	- 4.2	2.1/24.9	64251
2009 TC ₁₆	2009 10 26.1	02 02.12 +13 17.1 18.9	-0.95	- 2.7	0.4/26.4	64060
2002 AG ₂₀₂	2009 10 26.1	02 02.12 +17 24.3 20.7	-0.89	- 5.2	1.5/27.6	94545
2008 KX ₁₂	2009 10 26.1	02 02.12 +09 39.7 20.4	-0.90	- 5.4	1.0/25.4	64334
2007 HL ₉₆	2009 10 26.1	02 02.13 +08 20.3 19.7	-0.82	- 2.6	1.2/25.1	63837
2005 YG ₄₆	2009 10 26.1	02 02.14 +10 11.0 20.3	-0.87	- 5.2	0.8/25.5	64281
2005 SE ₁₁₅	2009 10 26.1	02 02.14 +11 59.8 21.0	-0.94	- 5.9	0.1/26.0	63727
2009 RC ₅₆	2009 10 26.1	02 02.14 +08 08.0 20.0	-0.80	- 3.6	1.5/25.0	63943
2003 SO ₃₄₆	2009 10 26.1	02 02.16 +19 47.0 21.9	-0.86	- 2.6	2.0/28.2	32925
2005 SM ₉₅	2009 10 26.1	02 02.18 +20 25.4 20.2	-1.24	+ 0.8	3.6/27.9	63727
2003 SD ₂₈₂	2009 10 26.1	02 02.19 +08 22.8 19.4	-0.86	- 1.3	1.3/25.2	64210
2008 GD ₆₄	2009 10 26.1	02 02.22 -01 06.1 19.5	-1.48	+ 6.1	5.2/24.4	40759
2007 GO ₃₀	2009 10 26.1	02 02.28 +11 12.2 20.7	-0.81	- 4.8	0.4/25.8	62518
2002 XW ₂₂	2009 10 26.1	02 02.29 +10 57.7 19.3	-1.04	- 3.1	0.6/25.8	63650
2003 RF ₂₄	2009 10 26.1	02 02.29 +15 52.1 19.7	-0.78	- 5.5	1.1/27.2	64206
2001 TD ₁₈₉	2009 10 26.1	02 02.29 +18 34.3 18.4	-0.89	- 7.3	2.6/28.0	64166
2005 NO ₁₇	2009 10 26.1	02 02.30 +12 20.1 19.4	-0.91	- 5.2	0.0/26.2	64243
2005 UM ₂₈₂	2009 10 26.1	02 02.31 +09 35.3 20.1	-0.89	- 5.9	0.9/25.4	63746
2002 VB ₁₄₂	2009 10 26.1	02 02.32 +25 57.9 19.6	-1.03	- 8.7	5.7/30.5	64197
2007 EU ₃₄	2009 10 26.1	02 02.33 +14 16.8 20.3	-0.98	- 2.6	0.6/26.7	64311
2007 EN ₁₀₅	2009 10 26.1	02 02.33 +09 55.4 20.2	-0.86	- 4.5	0.9/25.5	64313
2005 UG ₂₈₄	2009 10 26.2	02 02.28 +07 10.2 20.8	-0.92	- 5.1	1.9/24.7	64268
2005 QT ₂₁	2009 10 26.2	02 02.33 +08 46.1 19.3	-0.85	- 5.7	1.8/25.1	64247
2005 OS ₂₀	2009 10 26.2	02 02.39 +14 43.1 20.2	-1.03	- 4.4	0.9/26.8	64245
2004 RP ₃₄₅	2009 10 26.2	02 02.44 +06 13.8 19.9	-0.88	- 3.2	2.1/24.6	64228
1993 TQ ₁₀	2009 10 26.2	02 02.44 +18 16.5 20.3	-0.86	- 2.2	1.5/27.8	62291
2005 WV ₁₄₅	2009 10 26.2	02 02.51 +14 49.9 19.9	-0.91	- 4.5	0.9/26.9	64277
2009 SH ₄₈	2009 10 26.2	02 02.51 +14 00.7 20.4	-0.50	- 6.0	0.3/26.8	64370
4088 T-3	2009 10 26.2	02 02.52 -00 08.6 18.9	-0.74	- 7.9	5.2/22.2	64080
2005 WX ₆₂	2009 10 26.2	02 02.52 +02 17.9 18.3	-0.79	- 4.8	4.8/23.3	64275
2007 DT ₉	2009 10 26.2	02 02.55 +55 14.7 20.5	-1.51	- 0.4	12.7/08.9	47419
2007 DJ ₈₄	2009 10 26.2	02 02.60 +07 57.1 19.6	-1.18	+ 0.9	1.8/25.3	63818
2007 CE ₁₁	2009 10 26.2	02 02.62 -11 34.9 20.1	-0.86	- 4.8	8.5/19.1	62502
2007 BL ₃₆	2009 10 26.2	02 02.63 +01 14.4 20.2	-0.92	- 3.6	3.8/23.3	64304
2005 NN ₇	2009 10 26.2	02 02.63 +25 12.7 19.5	-1.11	- 4.9	5.3/29.7	64243
2005 YY ₁₇₀	2009 10 26.2	02 02.69 +33 11.9 19.2	-0.94	- 7.6	7.8/02.2	64284
2008 FM ₅₉	2009 10 26.2	02 02.70 +13 12.5 20.7	-1.06	- 5.1	0.3/26.5	64328
2004 HO ₁₇	2009 10 26.2	02 02.73 +12 39.5 19.9	-1.06	- 2.7	0.1/26.3	64219
2002 TS ₁₀₃	2009 10 26.2	02 02.74 +14 56.9 18.9	-1.01	- 8.8	1.1/27.0	64193
2005 XK ₅₁	2009 10 26.2	02 02.75 +18 50.8 19.8	-0.94	- 3.4	2.4/28.0	64279
2006 BK ₃₆	2009 10 26.3	02 02.67 +22 41.9 20.8	-0.91	- 2.9	3.4/29.1	02272
2007 EF ₁₃₁	2009 10 26.3	02 02.67 +12 29.9 20.5	-0.97	- 5.1	0.0/26.3	21878
2008 RJ ₆₅	2009 10 26.3	02 02.68 +14 38.6 20.2	-0.55	- 1.9	0.4/26.9	64336
2009 RK ₅₆	2009 10 26.3	02 02.68 +07 26.2 20.4	-0.83	- 4.2	1.7/24.9	64362
2004 JN ₃	2009 10 26.3	02 02.75 +07 05.4 20.4	-1.03	- 2.8	1.9/25.0	62392
2008 NB ₂	2009 10 26.3	02 02.75 +57 10.4 21.0	-1.44	- 3.1	12.0/12.0	43302
2001 WD ₇₈	2009 10 26.3	02 02.78 +12 21.1 19.5	-0.89	- 6.2	0.0/26.3	64172
2008 RZ ₅₈	2009 10 26.3	02 02.78 +17 54.6 20.6	-0.56	- 1.8	1.0/27.9	62100
1998 HA ₁₇	2009 10 26.3	02 02.80 +45 20.2 19.7	-1.83	+ 7.0	12.3/30.9	97335
2009 TG ₂₁	2009 10 26.3	02 02.81 +01 02.1 18.8	-0.93	+ 0.7	6.2/23.8	64063
2001 XW ₁₃₃	2009 10 26.3	02 02.83 +17 42.8 19.0	-0.89	- 6.7	2.2/27.9	64174

2004 XP ₁₁₀	2009 10 26.3	02 02.84 −03 52.7 20.2	−0.81 − 1.3	4.6/22.0	00886	2008 FU ₅₂	2009 10 26.5	02 03.70 +07 36.0 19.0	−0.96 − 4.7	2.3/25.2	64327
2007 EV ₉₉	2009 10 26.3	02 02.85 +13 47.3 20.5	−0.92 − 4.3	0.5/26.7	64313	2006 AZ ₄₈	2009 10 26.5	02 03.70 +13 55.6 20.6	−0.84 − 4.6	0.4/26.9	64287
2004 FR ₁₁₁	2009 10 26.3	02 02.86 +07 49.2 19.9	−0.95 − 8.1	1.9/24.9	64218	2001 WS ₉₀	2009 10 26.5	02 03.71 +19 23.4 19.0	−0.99 − 3.3	2.8/28.3	64172
2005 NJ ₁₂₃	2009 10 26.3	02 02.89 +14 22.9 20.4	−1.01 − 7.1	0.7/26.9	64245	2008 FW ₇₃	2009 10 26.5	02 03.72 +09 56.8 20.3	−1.08 − 2.9	1.0/25.9	64328
2004 GL ₃	2009 10 26.3	02 02.97 +10 39.3 20.0	−0.98 − 6.0	0.7/25.9	62390	2002 EU ₁₃₀	2009 10 26.5	02 03.77 +09 12.6 19.8	−0.85 − 3.7	1.1/25.7	64183
2005 MU ₃	2009 10 26.3	02 03.00 −05 24.9 19.6	−0.53 − 1.7	3.3/21.1	64242	2006 AJ ₁₁	2009 10 26.5	02 03.81 +04 57.5 21.0	−0.73 − 3.8	2.0/24.4	64286
2009 SF ₃₃₈	2009 10 26.3	02 03.11 +03 29.7 19.6	−0.88 − 3.3	3.6/24.0	64050	2004 DQ ₂₂	2009 10 26.5	02 03.82 +02 57.9 20.0	−0.98 − 6.1	3.7/23.9	62385
2006 WR ₁₂₃	2009 10 26.3	02 03.13 +28 45.8 19.5	−1.00 − 5.5	5.7/31.3	64300	2007 EO ₇₀	2009 10 26.5	02 03.83 +02 29.4 20.9	−0.84 − 6.0	3.2/23.6	64312
2009 SF ₁₄₇	2009 10 26.4	02 03.07 +09 06.9 19.6	−1.12 − 1.2	1.5/25.6	63994	2008 FA ₁₀₅	2009 10 26.5	02 03.85 +06 27.3 20.2	−1.11 − 1.7	2.4/25.2	64328
2003 QK ₇₇	2009 10 26.4	02 03.07 +45 36.0 19.8	−1.28 + 1.1	9.8/04.5	59703	2005 VA ₃	2009 10 26.6	02 03.83 +16 22.7 19.7	−0.88 − 7.1	1.6/27.7	64271
2001 GV ₃	2009 10 26.4	02 03.08 −07 03.5 20.6	−0.68 − 7.6	4.7/19.9	47166	2009 TD ₁₆	2009 10 26.6	02 03.88 +03 50.5 19.5	−0.54 − 2.4	1.8/24.0	64061
2008 FS ₂₅	2009 10 26.4	02 03.09 +08 37.4 20.7	−1.00 − 5.0	1.4/25.4	64327	2006 JB ₂₉	2009 10 26.6	02 03.91 +03 52.4 21.4	−0.85 − 1.7	2.4/24.4	26169
2006 GV ₃₄	2009 10 26.4	02 03.18 +09 53.9 20.4	−0.93 − 0.2	0.7/25.8	64295	2001 VX ₃₀	2009 10 26.6	02 03.92 +09 54.9 18.8	−0.96 − 3.0	1.2/25.9	64169
2001 RH ₁₀₂	2009 10 26.4	02 03.20 +19 51.4 18.1	−1.14 + 1.4	3.4/28.0	64162	2001 WK ₄₃	2009 10 26.6	02 03.95 +09 05.3 19.5	−0.87 − 6.0	1.5/25.6	64171
2007 JS ₂₅	2009 10 26.4	02 03.22 +00 04.6 21.0	−0.87 − 3.4	3.9/23.0	64322	2008 PN ₁₃	2009 10 26.6	02 04.00 −00 32.6 20.2	−0.63 − 3.8	3.2/22.7	64335
2005 UY ₃₆₇	2009 10 26.4	02 03.26 +11 35.4 20.6	−0.89 − 5.8	0.3/26.2	63749	2004 TG ₃₁₀	2009 10 26.6	02 04.03 +26 17.1 19.4	−0.87 − 6.0	4.4/30.9	64234
2002 SV ₁₁	2009 10 26.4	02 03.29 +11 21.8 19.0	−1.04 − 2.9	0.5/26.2	64192	2008 EN ₉₉	2009 10 26.6	02 04.03 −06 05.3 20.7	−0.98 −20.7	8.3/19.4	62528
2007 YP ₁₃	2009 10 26.4	02 03.31 −24 25.4 20.7	−1.38 + 2.5	16.6/18.5	33558	2004 TY ₁₅₀	2009 10 26.6	02 04.05 +13 58.7 20.7	−0.84 − 4.6	0.5/27.0	64232
2005 UO ₄₄	2009 10 26.4	02 03.31 +11 23.9 20.3	−0.85 − 8.2	0.4/26.1	64261	2005 UZ ₁₈₀	2009 10 26.6	02 04.06 +01 42.4 20.4	−0.95 − 1.5	3.4/24.0	64265
2000 QB ₂₃₃	2009 10 26.4	02 03.33 +20 45.1 19.8	−0.95 − 4.3	3.2/28.7	64154	2006 XJ ₆₉	2009 10 26.6	02 04.07 +04 58.7 21.0	−0.96 − 4.1	2.6/24.6	24141
2004 KJ ₁₈	2009 10 26.4	02 03.34 +25 09.8 20.3	−1.11 − 2.3	4.3/29.7	64220	2002 GM ₁₈₀	2009 10 26.6	02 04.07 +19 12.5 20.6	−0.86 − 6.3	2.1/28.6	03316
2006 YG ₃₇	2009 10 26.4	02 03.35 +24 46.5 20.0	−1.05 − 3.8	5.8/29.8	15972	2007 LR ₃₀	2009 10 26.6	02 04.08 +06 13.1 21.8	−0.51 − 2.2	1.1/24.8	64323
1999 LE ₂₉	2009 10 26.4	02 03.36 +00 21.7 21.3	−0.86 − 4.3	3.8/23.1	17900	2004 BQ ₁₅₁	2009 10 26.6	02 04.09 +19 32.5 19.7	−1.03 − 7.3	2.8/28.7	64214
2007 CO ₆₄	2009 10 26.4	02 03.36 +13 59.9 19.5	−1.00 − 3.3	0.7/26.8	64307	2005 RM ₂₃	2009 10 26.6	02 04.09 +21 01.6 19.9	−1.02 − 5.9	3.2/29.1	40140
2005 UL ₂₂₃	2009 10 26.4	02 03.36 +18 27.1 20.2	−0.90 − 8.3	2.0/28.3	22800	2008 RP ₁₈	2009 10 26.6	02 04.10 +23 46.6 19.7	−0.57 − 2.1	2.1/30.0	64336
2002 QM ₅₂	2009 10 26.4	02 03.41 −00 24.2 20.4	−1.00 − 5.8	4.9/22.9	64189	2008 GC ₄₆	2009 10 26.6	02 04.13 +04 54.1 22.3	−0.99 − 5.2	2.7/24.6	40210
2006 KZ ₅	2009 10 26.4	02 03.42 +09 02.9 21.6	−0.62 − 2.5	0.7/25.5	62484	2002 CU ₂₈	2009 10 26.6	02 04.14 −11 53.6 20.2	−0.87 − 3.1	7.7/19.6	19568
2009 SR ₃₁₉	2009 10 26.4	02 03.42 +16 36.4 21.2	−0.52 − 3.4	0.8/27.8	64044	2007 DR ₃₄	2009 10 26.6	02 04.17 −05 32.4 20.4	−0.79 − 6.6	5.5/21.0	24510
2006 YK ₁₂	2009 10 26.4	02 03.45 +27 28.4 20.8	−1.06 − 5.4	5.2/30.7	16376	2005 SU ₂₅₃	2009 10 26.6	02 04.18 +13 14.5 19.5	−0.95 − 5.3	0.3/26.9	63730
2002 CA ₁₉	2009 10 26.4	02 03.45 +11 48.8 20.3	−0.94 −15.2	0.2/26.2	63621	2005 UT ₄₁₄	2009 10 26.6	02 04.21 +09 13.1 20.0	−0.84 − 7.1	1.4/25.7	64270
2004 HJ ₁₉	2009 10 26.4	02 03.45 +15 58.8 19.7	−1.00 − 4.0	1.1/27.4	64219	2006 DE ₁₇₄	2009 10 26.6	02 04.21 +10 33.4 20.8	−0.78 − 3.7	0.6/26.1	64294
2002 CH ₂₇₆	2009 10 26.4	02 03.47 +19 36.0 19.9	−0.93 − 4.0	2.5/28.4	64181	2004 ES ₆₆	2009 10 26.6	02 04.25 +08 30.6 19.9	−0.95 − 7.3	1.5/25.5	64216
2000 GM ₁₁₅	2009 10 26.4	02 03.49 +18 15.6 19.6	−0.93 − 1.1	1.7/27.9	62304	1995 WL ₃₈	2009 10 26.6	02 04.26 +16 15.0 18.5	−0.84 − 5.3	1.9/27.8	64144
2006 AP ₅₀	2009 10 26.4	02 03.51 +25 07.7 20.6	−0.92 − 5.1	4.5/30.2	63787	2004 KA ₁	2009 10 26.6	02 04.27 −21 37.0 19.1	−1.37 +12.4	21.2/24.2	64220
2008 GS ₆₀	2009 10 26.4	02 03.52 +07 51.0 20.2	−1.09 + 0.1	1.6/25.5	64330	2002 VP ₁₀₆	2009 10 26.6	02 04.27 +21 21.1 19.2	−0.99 − 7.0	3.7/29.3	64197
1999 JG ₂₉	2009 10 26.5	02 03.43 +16 10.4 21.4	−0.65 − 5.5	0.7/27.6	77384	2004 EB ₈₁	2009 10 26.6	02 04.31 +11 24.8 19.2	−1.16 − 0.6	0.5/26.4	64216
2003 SC ₂₂	2009 10 26.5	02 03.45 +24 52.3 19.3	−0.91 − 2.2	3.8/29.8	64207	2002 TH ₃₁₄	2009 10 26.7	02 04.21 −04 42.4 21.2	−0.89 −11.3	5.8/20.9	40677
2005 US ₈₂	2009 10 26.5	02 03.45 +11 50.1 20.3	−0.98 − 2.8	0.3/26.3	64263	2007 DY ₁₀₉	2009 10 26.7	02 04.22 +00 54.3 20.4	−0.79 − 9.1	4.0/22.9	64310
2004 FD ₁₈	2009 10 26.5	02 03.47 +12 43.8 21.0	−1.00 − 4.6	0.1/26.6	33420	2005 UO ₁₅₃	2009 10 26.7	02 04.23 +14 02.0 20.4	−0.91 − 5.4	0.5/27.1	64264
2009 UC ₅	2009 10 26.5	02 03.50 +07 28.4 19.4	−0.56 − 2.1	1.0/25.1	64070	2003 QT ₉	2009 10 26.7	02 04.24 +32 48.0 18.7	−0.96 − 2.0	7.5/01.5	64205
2009 RX ₅₅	2009 10 26.5	02 03.51 +06 38.7 18.6	−0.84 − 5.1	3.0/24.8	63943	2009 TZ ₁₀	2009 10 26.7	02 04.29 +10 42.9 18.8	−1.07 + 2.8	0.6/26.4	64058
2001 VZ ₁₁₁	2009 10 26.5	02 03.54 +16 22.1 19.6	−0.91 − 5.8	1.5/27.6	64170	2007 GH ₂₉	2009 10 26.7	02 04.33 −04 53.9 21.0	−0.81 − 6.6	5.7/21.4	22586
2004 BD ₁₃	2009 10 26.5	02 03.55 −27 40.5 21.2	−0.99 − 2.5	12.3/14.5	39191	2008 FS ₆₀	2009 10 26.7	02 04.34 +02 33.2 20.4	−1.01 − 5.8	3.7/24.0	63847
2008 GG ₅₇	2009 10 26.5	02 03.60 +09 40.5 22.1	−0.99 − 5.7	1.0/25.7	40579	2006 BK ₁₀₉	2009 10 26.7	02 04.40 +24 59.2 20.4	−0.88 − 3.1	3.6/30.2	64289
2009 SL ₃₂₆	2009 10 26.5	02 03.63 +04 21.8 20.0	−0.86 − 1.4	3.0/24.5	64045	2004 FG ₃	2009 10 26.7	02 04.43 −06 19.9 20.9	−0.87 −10.2	6.0/20.5	59722
2004 VD ₂₇	2009 10 26.5	02 03.67 +21 03.4 19.2	−0.82 − 5.7	2.9/29.1	63693	2003 TZ ₂₀₈	2009 10 26.7	02 04.44 +17 06.0 19.2	−0.79 − 5.3	1.5/28.1	64209
2005 UR ₂₁₈	2009 10 26.5	02 03.67 +18 42.5 20.4	−0.94 − 6.1	2.1/28.3	18145	2005 UE ₂₄₁	2009 10 26.7	02 04.53 −02 10.0 19.7	−1.03 + 0.4	5.8/23.6	64267
2006 AQ ₁₆	2009 10 26.5	02 03.68 −10 49.0 19.9	−0.93 − 1.5	8.1/20.3	64286	2000 VR ₅₅	2009 10 26.7	02 04.62 +27 33.4 18.5	−0.84 − 8.7	5.7/31.8	63615
2009 SR ₇₅	2009 10 26.5	02 03.69 +02 51.0 20.0	−0.72 − 6.7	2.9/23.5	64375	2004 DU ₁₆	2009 10 26.7	02 04.64 +14 30.6 19.4	−0.97 − 9.0	0.8/27.4	63673
2003 SH ₈₂	2009 10 26.5	02 03.70 +36 36.9 18.7	−1.35 + 5.1	8.9/30.7	64207	2003 QU ₉₂	2009 10 26.7	02 04.65 −12 34.0 19.4	−0.72 − 4.8	8.2/18.7	62374
2006 EZ ₃₅	2009 10 26.5	02 03.70 +00 13.4 19.2	−0.77 − 4.9	4.5/22.9	64294	2007 BO ₁₀₀	2009 10 26.7	02 04.68 +04 16.3 21.1	−0.97 − 5.6	3.5/24.5	62502

2005 QS ₆₉	2009 10 26.7	02 04.68 +15 06.7 19.8	-1.04	- 6.1	1.0/27.5	62427
2008 RE ₃	2009 10 26.8	02 04.58 +14 47.0 20.7	-0.51	- 2.9	0.4/27.5	64336
2007 EH ₂₀₅	2009 10 26.8	02 04.62 +07 43.2 19.8	-0.89	- 2.2	1.7/25.6	64316
2005 XV ₂₇	2009 10 26.8	02 04.62 +32 55.8 19.0	-1.00	- 6.3	7.7/02.2	64279
2008 DS ₈₅	2009 10 26.8	02 04.69 +06 37.9 20.3	-1.01	- 4.6	2.4/25.3	64325
2005 WW ₄₉	2009 10 26.8	02 04.69 +07 24.6 19.8	-0.95	- 2.6	2.2/25.5	63764
2005 MD ₃₄	2009 10 26.8	02 04.71 +19 37.3 20.5	-1.12	- 4.0	2.7/29.0	64243
2004 RR ₂₆₆	2009 10 26.8	02 04.73 +20 00.9 20.3	-0.91	- 4.1	2.6/29.0	64227
2007 EN ₅₁	2009 10 26.8	02 04.77 +06 48.9 20.1	-0.74	- 6.3	1.7/25.1	64312
2008 KZ ₁₆	2009 10 26.8	02 04.77 +04 13.2 20.7	-0.78	- 6.5	2.7/24.3	62096
2004 RA ₁₃₇	2009 10 26.8	02 04.77 +05 46.3 19.9	-0.78	- 7.3	2.4/24.7	64224
2009 RG ₅₆	2009 10 26.8	02 04.78 +04 56.3 20.9	-0.71	- 8.4	2.2/24.3	62198
2004 XL ₉₄	2009 10 26.8	02 04.79 +22 48.0 20.4	-0.80	- 5.1	3.0/29.9	43226
2004 TU ₃₂₃	2009 10 26.8	02 04.80 +13 28.5 20.2	-0.77	- 6.2	0.2/27.1	64234
2003 ST ₂₆₂	2009 10 26.8	02 04.83 +15 32.2 18.9	-0.88	- 1.3	0.9/27.6	64209
2005 XB ₄₁	2009 10 26.8	02 04.84 +28 04.9 19.9	-0.90	-10.2	5.9/01.2	64279
2009 SL ₂₄₄	2009 10 26.8	02 04.86 +06 20.9 20.4	-0.86	- 4.7	2.3/25.1	64026
2006 BZ ₁₃₀	2009 10 26.8	02 04.87 +12 20.1 21.2	-0.80	- 4.4	0.1/26.8	56040
2001 UG ₂₅	2009 10 26.8	02 04.88 +27 14.3 18.0	-1.10	+ 0.9	7.0/30.1	64167
2000 HV ₄₀	2009 10 26.8	02 04.90 +17 20.7 19.3	-0.98	- 7.2	1.7/28.2	64153
2007 AH ₂₇	2009 10 26.8	02 04.91 +23 59.0 19.4	-0.95	- 4.5	5.7/30.1	64303
2005 WL ₅₀	2009 10 26.8	02 04.93 +13 24.3 19.7	-0.90	- 4.6	0.3/27.1	37491
2006 KF ₁₁₀	2009 10 26.8	02 04.95 +13 37.8 19.0	-0.92	- 0.6	0.3/27.1	64296
2002 TH ₁₁	2009 10 26.8	02 04.96 +16 39.3 19.0	-1.01	- 5.1	1.9/28.0	63638
2005 UO ₁₇₁	2009 10 26.8	02 04.96 +15 41.0 20.3	-0.87	- 6.4	1.3/27.8	64265
2007 ES ₂₀	2009 10 26.8	02 04.97 +07 13.3 20.4	-0.88	- 4.9	1.9/25.4	64311
2008 RZ ₁₁₉	2009 10 26.8	02 04.99 +08 50.0 20.7	-0.50	- 3.2	0.7/25.7	62542
2005 QB ₃₁	2009 10 26.8	02 05.03 +05 11.6 19.0	-0.99	- 0.5	3.7/25.2	63715
2004 FN ₃₃	2009 10 26.8	02 05.06 +22 46.7 19.7	-1.05	- 5.0	3.6/29.7	60800
2004 QR ₂	2009 10 26.9	02 04.99 -03 43.7 20.1	-0.82	- 4.9	6.0/22.1	64222
2006 WU ₂₇	2009 10 26.9	02 05.00 +08 32.3 20.1	-1.10	- 3.5	1.7/25.9	64299
2007 GE ₃₃	2009 10 26.9	02 05.02 +05 13.7 20.5	-0.78	-10.7	2.1/24.4	64318
2000 SD ₃₃₄	2009 10 26.9	02 05.04 +06 58.1 18.8	-0.90	- 2.4	2.5/25.5	64156
2001 YG ₁₅₄	2009 10 26.9	02 05.06 -09 59.3 18.4	-1.01	+ 1.9	9.2/22.0	64177
2005 WH ₂₀₅	2009 10 26.9	02 05.06 +14 16.1 20.3	-0.92	- 5.1	0.6/27.4	56037
2005 SX ₁₇₅	2009 10 26.9	02 05.06 +15 52.1 20.1	-0.90	- 7.7	1.3/27.9	64255
2005 VF ₁₁₂	2009 10 26.9	02 05.08 +21 28.2 19.2	-0.90	- 6.8	3.5/29.6	64273
2005 SF ₂₃₀	2009 10 26.9	02 05.11 +13 49.8 21.0	-0.96	- 4.7	0.5/27.2	95939
2009 SP ₇₅	2009 10 26.9	02 05.14 -00 00.2 20.0	-0.82	-10.3	5.6/22.7	63973
2003 GM ₁₂	2009 10 26.9	02 05.17 +18 22.5 21.3	-0.96	- 3.0	1.7/28.4	50759
2005 UF ₁₃₉	2009 10 26.9	02 05.23 +02 51.2 20.5	-1.02	- 0.5	3.6/24.7	64264
2005 UT ₁₂₃	2009 10 26.9	02 05.24 +13 03.7 20.6	-0.93	- 4.3	0.1/27.1	64264
2007 DE ₅₈	2009 10 26.9	02 05.24 +10 27.9 20.8	-0.85	- 5.6	0.7/26.3	64309
2005 VL ₉₃	2009 10 26.9	02 05.25 -05 47.5 21.1	-0.92	- 1.7	5.7/22.2	20442
2005 UV ₁₈₁	2009 10 26.9	02 05.26 +07 35.4 20.6	-0.92	- 3.6	1.8/25.6	64265
2000 EK ₁₃₆	2009 10 26.9	02 05.31 +04 21.2 19.9	-0.95	- 4.5	2.6/24.7	64153
2007 TL ₃₅₀	2009 10 26.9	02 05.33 +27 49.5 20.6	-0.59	- 1.6	2.7/31.5	64323
2008 SF ₂₄	2009 10 26.9	02 05.35 +15 43.5 19.9	-0.56	- 2.5	0.6/27.9	64337
2004 RA ₃₁₂	2009 10 26.9	02 05.39 +16 33.5 19.9	-0.91	- 3.6	1.3/28.0	64227
2002 RW ₂₅₂	2009 10 26.9	02 05.40 +20 24.1 19.7	-1.06	- 4.3	3.5/29.0	64191
2005 SA ₇₇	2009 10 26.9	02 05.40 +16 48.0 19.6	-1.07	- 1.8	1.7/28.0	63726

2004 NV ₈	2009 10 27.0	02 05.38 +33 44.0 20.0	-1.07	- 4.4	7.0/02.3	58479
2004 TV ₈₈	2009 10 27.0	02 05.39 +16 48.9 20.0	-0.99	- 0.9	1.4/28.0	64230
2004 RK ₃₀₈	2009 10 27.0	02 05.41 +12 26.7 18.6	-0.75	-10.8	0.1/26.9	63684
2000 BA ₂₅	2009 10 27.0	02 05.44 +00 45.3 20.0	-0.99	- 5.2	4.3/23.7	40086
2004 HH ₅₆	2009 10 27.0	02 05.44 +21 22.3 20.1	-0.98	- 6.8	3.1/29.6	64219
2007 HP ₉₅	2009 10 27.0	02 05.45 +10 08.7 20.5	-0.86	- 1.7	0.8/26.4	63837
1996 TM	2009 10 27.0	02 05.46 +19 06.5 19.4	-1.23	- 0.1	3.0/28.4	64145
2005 NS ₁₂₄	2009 10 27.0	02 05.50 -00 40.7 20.3	-0.91	- 7.4	5.3/23.0	64245
2006 AH ₁₁	2009 10 27.0	02 05.50 -12 09.6 20.1	-0.80	- 2.1	6.6/19.9	03831
2002 JB ₁₀₃	2009 10 27.0	02 05.52 +16 07.6 20.9	-0.76	- 5.3	0.9/28.1	64186
2001 UT ₂₂₃	2009 10 27.0	02 05.52 +03 11.8 19.6	-0.88	- 5.2	4.1/24.3	64169
2002 RG ₇₉	2009 10 27.0	02 05.53 +19 17.6 18.7	-1.08	- 2.6	3.2/29.0	64190
2002 GZ ₁₃₈	2009 10 27.0	02 05.54 +12 34.8 20.2	-0.93	- 2.3	0.0/27.0	64185
2009 SR ₂₆₅	2009 10 27.0	02 05.56 +18 34.8 19.6	-1.12	- 0.4	2.1/28.4	64032
2005 WU ₅₁	2009 10 27.0	02 05.57 +19 29.9 19.4	-0.89	- 6.1	2.5/29.0	64275
2006 ET ₉	2009 10 27.0	02 05.65 +08 30.6 21.4	-0.77	- 4.1	1.2/25.9	02304
1999 TV ₂	2009 10 27.0	02 05.68 +13 42.8 19.2	-1.04	- 3.2	0.5/27.3	63604
2007 EQ ₁₆₆	2009 10 27.0	02 05.69 +00 09.4 21.2	-0.90	- 4.0	3.8/23.6	19436
2005 VE ₁₃₆	2009 10 27.0	02 05.69 +07 59.3 20.9	-0.93	- 3.2	1.7/25.9	61985
2005 UD ₁₈₂	2009 10 27.0	02 05.70 +03 37.7 19.5	-1.12	+ 1.8	3.8/25.3	64265
2008 HD ₁₆	2009 10 27.0	02 05.71 +07 57.9 20.5	-0.79	- 8.5	1.5/25.6	64332
2005 QT ₄₆	2009 10 27.0	02 05.72 +09 30.5 20.7	-1.00	- 4.7	1.2/26.2	64247
2004 GB ₈	2009 10 27.0	02 05.74 +15 50.1 21.4	-1.01	- 4.9	1.1/27.9	12343
2009 UV ₈₀	2009 10 27.0	02 05.75 +15 28.0 18.7	-0.86	- 5.1	1.4/27.9	64077
1994 SO ₇	2009 10 27.0	02 05.78 +08 38.3 21.1	-1.00	- 6.2	1.5/26.0	64144
2005 XC ₁₈	2009 10 27.0	02 05.79 +01 38.1 19.9	-0.86	- 3.2	3.8/24.1	64278
2008 HN ₅₃	2009 10 27.0	02 05.81 -04 06.3 20.0	-0.85	- 3.7	6.4/22.6	63857
2000 EU ₁₁₅	2009 10 27.0	02 05.82 +15 50.0 20.2	-1.03	- 4.6	1.1/27.9	64153
2005 EF ₃₈	2009 10 27.0	02 05.87 +43 20.3 19.8	-1.89	+ 7.4	15.4/31.7	60822
2005 UF ₂₃₈	2009 10 27.1	02 05.77 +04 40.9 20.8	-0.90	- 4.0	3.0/25.0	64267
2002 HX ₁₇	2009 10 27.1	02 05.77 +16 43.1 20.1	-0.55	- 2.1	0.7/28.3	63626
2004 PZ ₃₉	2009 10 27.1	02 05.77 +26 50.7 19.3	-0.99	- 3.9	4.9/31.1	64221
2008 SU ₂₇₇	2009 10 27.1	02 05.78 +13 38.9 19.6	-0.53	- 3.0	0.2/27.4	64338
2004 RC ₁₀₃	2009 10 27.1	02 05.80 +23 11.3 20.9	-0.95	- 4.4	3.2/30.1	32984
2005 YD ₄₈	2009 10 27.1	02 05.81 -09 23.1 19.2	-0.81	- 3.7	7.8/20.7	64281
2004 TW ₁₆₇	2009 10 27.1	02 05.82 +18 25.9 19.4	-0.94	- 2.5	2.0/28.6	63689
2001 UK ₉₉	2009 10 27.1	02 05.83 +09 06.6 19.4	-0.99	- 2.5	1.3/26.2	64168
2005 SZ ₂₀₃	2009 10 27.1	02 05.83 +11 09.5 20.5	-0.95	- 6.1	0.6/26.7	64256
2005 XA ₁₁₁	2009 10 27.1	02 05.84 +01 08.1 19.6	-0.78	- 5.4	4.5/23.6	98031
2003 RJ ₁₃	2009 10 27.1	02 05.87 +26 54.9 20.0	-0.90	- 2.6	4.4/31.0	64206
2005 ML ₂₀	2009 10 27.1	02 05.88 +17 33.2 20.2	-1.05	- 5.9	1.8/28.4	40134
2009 SZ ₃₃₇	2009 10 27.1	02 05.89 +19 55.5 19.0	-0.87	- 5.2	2.6/29.2	64050
2004 EJ ₉₁	2009 10 27.1	02 05.89 +10 11.8 21.0	-1.00	- 4.5	0.9/26.5	64217
2005 ME ₈	2009 10 27.1	02 05.90 +24 59.6 20.1	-1.07	- 6.2	4.8/30.6	64242
2005 NG ₈₄	2009 10 27.1	02 05.90 +05 56.0 19.3	-0.96	- 3.5	3.2/25.4	64244
2000 SO ₃₁₇	2009 10 27.1	02 05.90 +31 09.7 19.7	-1.00	- 7.2	6.2/02.1	40667
2001 TV ₁₉₅	2009 10 27.1	02 05.95 -08 13.4 19.3	-1.01	+ 0.5	9.0/22.1	64166
2002 VG ₉₅	2009 10 27.1	02 05.98 +17 26.0 17.6	-0.79	- 3.2	2.7/29.0	64197
2005 YK ₂₃₂	2009 10 27.1	02 05.98 +14 28.6 21.0	-0.90	- 4.0	0.6/27.6	09484
2005 VO ₄₃	2009 10 27.1	02 06.05 +06 31.3 18.8	-1.02	- 0.1	2.6/25.8	64272
2002 NZ ₂₀	2009 10 27.1	02 06.05 -06 15.4 20.9	-0.71	- 3.9	4.6/21.6	43156

2006 AK ₇₈	2009 10 27.1	02 06.06 +10 46.6 20.7	-0.82	- 4.4	0.6/26.6	64287	2002 UD ₅	2009 10 27.3	02 06.99 +14 30.0 18.1	-1.83	+16.8	0.9/27.4	63643
2008 LW ₄	2009 10 27.1	02 06.11 +17 52.4 19.8	-0.87	- 5.4	1.7/28.7	64334	2003 SU ₂₆₁	2009 10 27.4	02 06.90 +21 57.7 18.7	-0.82	- 0.7	4.0/29.8	63665
2005 UC ₂₇₂	2009 10 27.1	02 06.12 +10 15.5 19.1	-0.85	- 6.8	1.0/26.4	64267	2007 ET ₁₁₁	2009 10 27.4	02 06.91 +07 33.6 20.3	-0.85	- 4.3	1.8/26.0	64313
2004 VR ₄₀	2009 10 27.1	02 06.14 +04 05.3 20.6	-0.87	- 1.5	2.6/25.0	64235	2005 YN ₇₂	2009 10 27.4	02 06.91 +04 28.3 20.7	-0.88	- 3.0	2.8/25.2	64282
2007 CZ ₅₉	2009 10 27.1	02 06.16 +11 53.0 20.6	-0.96	- 6.7	0.3/26.9	64307	2002 CQ ₁₃₈	2009 10 27.4	02 06.92 +20 12.2 19.9	-0.95	- 6.2	2.7/29.0	64180
2007 EP ₁₁	2009 10 27.1	02 06.17 +17 32.9 21.2	-0.96	- 3.9	1.5/28.5	59790	1999 XX ₂₁₇	2009 10 27.4	02 06.92 -04 34.0 20.4	-1.04	- 3.4	6.7/22.8	43102
2009 SN ₂₃₄	2009 10 27.1	02 06.17 -04 22.3 18.6	-0.92	- 0.5	7.3/23.3	64023	2009 SV ₂₆₆	2009 10 27.4	02 06.93 +17 32.3 19.7	-1.02	- 5.4	2.1/28.7	64033
2009 RU ₅₈	2009 10 27.1	02 06.20 +15 09.8 19.6	-1.22	+ 2.2	1.0/27.6	63943	2004 VY ₃₇	2009 10 27.4	02 06.93 +06 57.4 20.6	-0.92	- 0.6	2.1/26.0	64235
2004 RB ₁₇₈	2009 10 27.2	02 06.15 +23 17.3 19.3	-0.89	- 6.0	3.4/30.4	64225	2004 RB ₄₄	2009 10 27.4	02 06.96 +10 19.8 19.7	-0.76	- 8.7	1.0/26.6	64223
2000 SG ₁₇₃	2009 10 27.2	02 06.19 +31 52.9 18.7	-0.92	- 9.1	7.5/03.0	64156	2001 CA ₁	2009 10 27.4	02 06.98 -00 07.2 19.4	-0.49	- 2.5	2.2/23.5	64159
2006 HN ₄	2009 10 27.2	02 06.25 +06 55.7 20.4	-0.72	- 7.7	1.6/25.4	64295	2003 FD ₁₃₀	2009 10 27.4	02 07.02 +01 11.3 20.4	-0.87	- 3.9	3.6/24.3	64203
2005 EH ₁₃₀	2009 10 27.2	02 06.26 +50 33.4 20.2	-1.76	+ 2.5	18.5/05.6	09134	2008 RG ₁₉	2009 10 27.4	02 07.03 +21 44.2 20.2	-0.55	- 2.3	1.6/30.1	64336
2003 QD ₇₇	2009 10 27.2	02 06.26 -01 19.0 18.8	-0.65	-10.6	4.9/22.2	64206	2008 GS ₁	2009 10 27.4	02 07.05 +11 29.1 20.3	-0.90	- 6.5	0.4/27.0	64329
2004 EB ₈₂	2009 10 27.2	02 06.28 +10 31.5 18.7	-1.12	- 1.8	1.0/26.7	64216	2005 UY ₂₆	2009 10 27.4	02 07.07 +14 33.3 19.2	-0.98	- 3.9	0.7/27.9	64261
2002 LB ₁₅	2009 10 27.2	02 06.34 +33 49.6 19.6	-0.84	- 8.0	5.8/03.5	64186	2006 DQ ₁₆₆	2009 10 27.4	02 07.08 +20 43.3 20.2	-0.91	- 1.2	2.5/29.4	64294
2003 FU ₃₂	2009 10 27.2	02 06.40 +20 09.8 20.7	-0.59	- 1.3	1.4/29.3	49863	2003 SA ₁₇₅	2009 10 27.4	02 07.10 +10 35.9 20.0	-0.78	- 4.3	0.7/26.8	64208
2006 BQ ₁₁₅	2009 10 27.2	02 06.44 -01 29.3 20.0	-0.75	- 5.6	4.5/22.9	21173	2005 YX ₁₄₈	2009 10 27.4	02 07.14 +09 37.6 19.8	-0.90	- 2.8	1.2/26.6	64283
2008 SK ₅₀	2009 10 27.2	02 06.45 +26 38.3 20.9	-0.62	- 1.1	2.5/31.2	64337	2002 BT ₂₃	2009 10 27.4	02 07.19 +33 23.2 19.6	-1.13	- 1.1	7.5/01.6	64179
2005 MD ₄₄	2009 10 27.2	02 06.45 +08 04.8 20.9	-1.03	- 5.1	1.7/26.0	64243	2005 TW ₇₁	2009 10 27.4	02 07.21 +28 45.0 18.7	-1.38	+ 5.4	7.7/30.2	63732
2005 WA ₁₂₆	2009 10 27.2	02 06.46 +11 14.6 20.0	-0.94	- 3.8	0.6/26.9	64276	2005 WY ₂₆	2009 10 27.4	02 07.23 +17 29.7 18.8	-0.89	- 5.8	1.9/29.0	63761
2007 HM ₅₉	2009 10 27.2	02 06.47 +10 34.8 20.2	-0.85	- 2.0	0.6/26.7	64321	2002 CY ₁₈₃	2009 10 27.4	02 07.24 +23 43.5 20.3	-0.96	- 3.5	3.7/30.4	75292
2004 FQ ₁₀₇	2009 10 27.2	02 06.53 +12 25.8 19.5	-0.97	- 7.5	0.1/27.2	64218	2005 BO ₂	2009 10 27.4	02 07.25 +43 14.0 19.1	-2.05	+10.1	16.1/31.0	64240
2004 GL ₅₈	2009 10 27.2	02 06.54 +14 18.3 21.0	-1.04	- 3.1	0.6/27.7	64218	2007 HL ₆₁	2009 10 27.4	02 07.25 +05 38.7 21.4	-0.80	- 6.2	2.2/25.3	31530
2001 VN ₁₁₈	2009 10 27.2	02 06.57 +17 44.4 17.9	-0.87	- 5.3	2.2/28.7	64170	1998 KV	2009 10 27.4	02 07.28 +19 55.8 20.3	-0.85	- 5.9	2.1/29.6	64146
2005 CL ₃₈	2009 10 27.3	02 06.54 +50 50.6 18.9	-1.04	- 6.1	12.2/10.2	76670	2003 BB ₇₇	2009 10 27.4	02 07.28 +56 21.6 20.8	-1.49	- 2.2	11.4/12.0	47241
2009 SP ₁₄₆	2009 10 27.3	02 06.55 +07 31.1 19.5	-0.80	- 8.3	2.5/25.7	63994	2005 UF ₂₂₈	2009 10 27.4	02 07.29 +14 08.1 21.1	-0.89	- 8.3	0.4/27.9	64266
2001 XR ₁₄₃	2009 10 27.3	02 06.57 +03 01.0 18.7	-0.91	+ 0.1	4.8/25.1	64174	2004 UK ₇	2009 10 27.4	02 07.29 +18 34.7 19.2	-0.80	- 7.1	1.9/29.2	64234
2008 EP ₁₃₆	2009 10 27.3	02 06.58 +11 20.7 20.2	-1.04	- 4.6	0.6/26.9	64326	2008 JG ₃₅	2009 10 27.4	02 07.32 -18 20.5 20.9	-0.75	- 5.7	9.4/17.6	42977
2004 SL ₁₁	2009 10 27.3	02 06.58 +06 44.5 18.6	-0.97	0.0	2.4/26.0	64228	2003 HN ₂₄	2009 10 27.4	02 07.32 +10 59.4 19.8	-0.51	- 4.0	0.4/26.9	64203
2005 JS ₆₉	2009 10 27.3	02 06.58 +08 56.7 20.9	-1.13	- 3.7	1.6/26.4	42756	2004 CT ₁₀₇	2009 10 27.5	02 07.28 +19 22.9 20.8	-1.04	- 4.9	2.3/29.3	40120
2005 QX ₁₂	2009 10 27.3	02 06.61 +21 09.3 20.4	-1.04	- 6.1	3.2/29.7	64247	2005 WW ₁₈₁	2009 10 27.5	02 07.29 -00 44.5 19.0	-0.95	- 1.0	5.9/24.2	64278
2004 XA ₄₂	2009 10 27.3	02 06.63 +05 00.9 19.0	-0.82	- 2.7	2.7/25.3	64237	2004 HD ₆₅	2009 10 27.5	02 07.30 +15 29.2 21.5	-0.99	- 4.9	0.9/28.2	12880
2006 BX ₃₈	2009 10 27.3	02 06.65 +05 22.1 19.2	-0.89	- 3.9	3.0/25.3	63788	2003 SN ₁₆	2009 10 27.5	02 07.30 +13 17.5 19.9	-0.74	- 6.7	0.1/27.6	64207
2007 DO ₉₀	2009 10 27.3	02 06.69 +31 35.6 18.8	-1.16	- 0.8	7.6/01.1	63819	2009 TA ₂₆	2009 10 27.5	02 07.32 +12 20.1 19.8	-0.94	- 6.0	0.2/27.4	64065
2007 BU ₇₄	2009 10 27.3	02 06.70 -01 09.2 21.6	-0.84	- 4.9	4.3/23.4	20520	2008 JA ₂₀	2009 10 27.5	02 07.35 +12 51.9 20.5	-0.99	- 5.5	0.0/27.5	64333
2009 SQ ₂₆₆	2009 10 27.3	02 06.71 +15 53.8 19.6	-0.86	- 7.8	1.2/28.3	64033	2005 VV ₁₂₅	2009 10 27.5	02 07.37 +11 21.9 21.5	-0.97	- 5.2	0.5/27.1	64273
2001 UA ₁₈₈	2009 10 27.3	02 06.71 +00 51.9 18.9	-0.89	- 4.6	5.3/23.9	64169	2003 BP ₉₀	2009 10 27.5	02 07.44 -13 16.1 19.0	-0.86	- 5.6	11.2/18.8	64201
2004 XM ₃₃	2009 10 27.3	02 06.73 +13 00.7 18.8	-0.80	- 4.4	0.1/27.4	64237	2007 EG ₉₆	2009 10 27.5	02 07.50 +06 40.8 21.8	-0.73	- 6.1	1.7/25.7	21196
2001 XF ₁₀₄	2009 10 27.3	02 06.73 +24 13.9 19.9	-1.00	- 6.5	3.6/30.6	10838	2008 FP ₅	2009 10 27.5	02 07.51 +09 25.2 20.3	-1.02	- 4.2	1.3/26.7	64327
2004 CS ₁₆	2009 10 27.3	02 06.73 +21 34.5 21.9	-0.68	- 2.8	1.9/29.9	62491	2005 SU ₂₇₃	2009 10 27.5	02 07.54 +17 00.1 20.8	-1.03	- 3.9	1.6/29.0	62438
2004 EG ₂₁	2009 10 27.3	02 06.74 +14 05.1 20.6	-0.99	- 5.3	0.4/27.7	64216	2007 CZ ₄₀	2009 10 27.5	02 07.54 +06 59.0 21.3	-0.87	- 5.0	1.8/25.9	64306
2008 RF ₁₄	2009 10 27.3	02 06.76 +13 55.0 20.7	-0.49	- 3.5	0.2/27.7	64336	2008 CC	2009 10 27.5	02 07.57 -38 44.2 19.8	-1.23	+ 4.1	24.8/11.6	43293
2005 QY ₁₃₃	2009 10 27.3	02 06.81 +15 01.3 20.6	-1.03	- 4.8	0.9/27.9	90236	2003 GM ₁₈	2009 10 27.5	02 07.58 +14 48.6 21.8	-0.93	- 4.3	0.6/28.1	22434
2007 HD ₈₁	2009 10 27.3	02 06.84 +13 19.6 19.2	-0.86	- 2.2	0.2/27.5	63837	2006 BO ₁₆₀	2009 10 27.5	02 07.61 +03 48.7 19.1	-0.87	- 3.3	3.6/25.1	64290
2008 CC ₇₃	2009 10 27.3	02 06.85 -39 05.6 19.2	-1.06	+ 1.5	25.1/09.0	38146	2002 FV ₃₁	2009 10 27.5	02 07.64 +04 51.2 21.1	-0.84	- 4.5	2.4/25.3	64184
2007 HT ₇₂	2009 10 27.3	02 06.88 +11 45.0 21.5	-0.75	- 6.7	0.3/27.0	63836	2007 DL ₃₇	2009 10 27.5	02 07.65 +18 37.1 20.0	-0.94	- 4.0	2.0/29.1	19703
2004 JJ ₁₃	2009 10 27.3	02 06.89 -15 02.7 20.7	-0.84	- 9.5	9.3/18.1	60803	2003 ES	2009 10 27.5	02 07.65 +27 07.5 21.0	-1.02	- 2.4	4.2/31.3	64201
2008 HQ ₅₄	2009 10 27.3	02 06.94 +07 39.1 21.3	-0.97	- 4.4	1.8/26.0	40218	2007 MS ₄	2009 10 27.5	02 07.65 +15 24.8 19.7	-0.76	- 6.7	0.7/28.3	63839
1998 HG ₂₉	2009 10 27.3	02 06.95 +18 34.4 20.5	-1.12	- 4.7	2.1/28.9	10692	2004 VK ₅₅	2009 10 27.5	02 07.66 +37 40.8 18.3	-2.17	+16.8	14.9/28.5	64235
2003 TG ₃₉	2009 10 27.3	02 06.96 +18 00.1 19.6	-0.75	- 6.5	1.6/29.0	64211	2004 BX ₁₀₈	2009 10 27.5	02 07.67 +11 52.4 19.7	-1.08	- 3.3	0.4/27.3	64214
2007 EL ₂₄	2009 10 27.3	02 06.98 +07 34.8 19.8	-0.84	- 4.1	1.7/26.0	64311	1998 RY ₄₅	2009 10 27.5	02 07.68 +21 34.2 18.8	-0.87	- 3.0	3.3/29.9	64146

2007 HY ₂₆	2009 10 27.5	02 07.70 +10 46.1 19.6	-0.76	- 5.9	0.7/27.0	64320
2005 MW ₄₄	2009 10 27.5	02 07.71 +12 18.7 18.9	-0.90	- 8.8	0.3/27.4	64243
2008 FB ₁₀₄	2009 10 27.5	02 07.76 -01 16.5 18.3	-1.11	+ 4.9	6.5/25.3	63849
2002 PE ₁₇₆	2009 10 27.6	02 07.67 +22 06.6 19.5	-0.99	- 7.1	4.3/30.3	63628
2007 DS ₆₅	2009 10 27.6	02 07.72 +09 26.5 21.1	-0.86	- 5.7	1.1/26.6	64309
2006 DT ₁₄₂	2009 10 27.6	02 07.73 +15 30.3 18.8	-0.87	- 2.2	0.9/28.3	64294
2008 RK ₁₂₅	2009 10 27.6	02 07.74 +10 10.8 19.7	-0.52	- 3.3	0.5/26.8	64337
2007 EN ₉₈	2009 10 27.6	02 07.75 +13 01.8 21.3	-0.91	- 4.1	0.0/27.6	62512
2007 DW ₄₅	2009 10 27.6	02 07.79 +07 01.9 20.6	-0.94	- 6.9	2.2/25.9	64308
2004 JR ₄₃	2009 10 27.6	02 07.80 +02 38.7 19.7	-0.95	- 3.6	3.8/25.0	64220
1999 TV ₁₆₉	2009 10 27.6	02 07.83 +21 04.7 19.3	-1.00	- 0.7	2.8/29.6	64149
2008 HN ₃	2009 10 27.6	02 07.84 +05 16.8 20.4	-1.07	- 2.3	3.0/25.8	64331
2002 JM ₁₂₈	2009 10 27.6	02 07.85 +09 01.1 19.8	-0.76	- 6.8	1.2/26.4	62348
2007 FJ ₃₀	2009 10 27.6	02 07.86 +09 36.8 20.5	-0.81	- 6.2	1.1/26.7	64317
2003 QF ₁₀₁	2009 10 27.6	02 07.86 +24 26.7 19.3	-0.90	- 2.5	3.7/30.7	64206
2009 SJ ₂₆₅	2009 10 27.6	02 07.88 +17 37.4 19.0	-0.89	- 2.5	1.7/29.0	64032
2004 VT ₆₅	2009 10 27.6	02 07.88 +01 36.3 20.3	-0.89	- 0.9	3.7/24.9	64236
2002 CM ₈₂	2009 10 27.6	02 07.89 +24 42.4 20.5	-0.97	- 3.1	3.9/30.8	69195
2003 FD ₆₆	2009 10 27.6	02 07.91 +07 42.3 21.4	-0.87	- 5.2	1.6/26.2	16250
2008 GN	2009 10 27.6	02 07.93 +12 55.7 20.5	-1.00	- 5.4	0.0/27.7	64329
1997 TS ₁₂	2009 10 27.6	02 07.98 +15 15.1 19.0	-0.93	- 4.4	1.0/28.3	64145
2004 HL ₅₅	2009 10 27.6	02 07.99 +32 50.8 19.4	-1.17	- 3.7	7.2/02.4	63676
2009 RL ₃₃	2009 10 27.6	02 08.01 +16 50.1 17.8	-0.90	- 2.2	2.0/29.0	63935
2009 SL ₇₆	2009 10 27.6	02 08.02 +03 31.7 20.2	-0.76	- 4.6	3.3/25.0	63973
2007 EM ₂₂₀	2009 10 27.6	02 08.03 +12 50.0 18.8	-0.75	- 7.2	0.0/27.6	64316
2009 SM ₆₉	2009 10 27.6	02 08.03 +03 38.6 20.6	-0.72	- 6.7	2.9/24.8	63969
2004 TU ₄₇	2009 10 27.6	02 08.04 +11 22.6 20.2	-0.83	- 5.3	0.6/27.2	63687
2007 EY ₁₈₀	2009 10 27.6	02 08.04 +09 39.6 20.5	-0.85	- 9.3	1.2/26.6	64315
2006 GZ ₄₀	2009 10 27.6	02 08.05 +02 53.2 18.6	-1.02	+ 1.9	3.3/25.6	64295
2005 UZ ₆₃	2009 10 27.6	02 08.07 +08 38.1 20.4	-0.93	- 3.5	1.5/26.6	62445
2006 BZ ₂₃₃	2009 10 27.6	02 08.08 +29 27.7 21.9	-0.83	- 3.0	3.9/01.4	56040
2001 EQ ₁₇	2009 10 27.6	02 08.09 -02 12.5 19.5	-1.41	+ 2.7	6.0/25.0	64159
2005 PJ ₁₆	2009 10 27.6	02 08.10 +18 51.4 20.8	-1.11	- 4.3	2.1/29.2	38048
2006 DF ₁₄₁	2009 10 27.6	02 08.13 +12 50.2 19.4	-0.87	- 2.3	0.0/27.7	64294
2002 AA ₁₃₀	2009 10 27.6	02 08.13 -22 32.7 20.5	-1.20	+ 2.9	11.7/19.2	21311
2006 WF ₁₁	2009 10 27.7	02 08.08 +19 07.4 19.2	-1.09	- 4.0	3.0/29.3	64299
2005 WM ₁₇	2009 10 27.7	02 08.08 -02 12.9 19.8	-0.97	- 0.5	5.0/24.2	64274
2004 XQ ₈₈	2009 10 27.7	02 08.11 +12 00.2 19.1	-0.82	- 3.5	0.3/27.5	64238
2006 YZ ₁₈	2009 10 27.7	02 08.13 +11 26.0 20.0	-1.05	- 3.7	0.6/27.3	56087
2006 BZ ₁₆₆	2009 10 27.7	02 08.13 -03 43.4 18.8	-0.76	- 5.2	5.9/22.7	64290
2005 UT ₂₃₇	2009 10 27.7	02 08.13 +04 29.2 19.4	-0.92	- 3.4	3.1/25.5	64267
2003 SB ₃₂₀	2009 10 27.7	02 08.14 +25 48.3 20.6	-0.91	- 2.2	3.8/31.1	64210
2002 AL ₁₃₇	2009 10 27.7	02 08.15 -22 25.1 19.0	-0.89	- 1.4	14.0/16.3	64178
2007 GJ ₂₈	2009 10 27.7	02 08.16 +03 57.3 20.2	-0.72	- 6.0	2.6/25.0	64318
2008 RD ₃₁	2009 10 27.7	02 08.18 +07 53.4 19.8	-0.50	- 3.3	1.0/26.2	63863
2007 EC ₁₆₉	2009 10 27.7	02 08.20 +09 56.3 21.7	-0.80	- 3.9	0.8/26.9	20857
2005 YC ₇₂	2009 10 27.7	02 08.21 +18 53.7 20.3	-0.92	- 4.1	2.2/29.3	18168
2005 XR ₂₁	2009 10 27.7	02 08.22 +15 31.7 19.9	-0.93	- 6.0	1.0/29.0	63775
2001 KY ₅₀	2009 10 27.7	02 08.27 +11 24.9 20.8	-0.99	- 6.1	0.5/27.3	40092
1996 RF ₁₄	2009 10 27.7	02 08.29 +19 48.4 20.8	-0.55	- 2.0	1.2/29.7	45821
2007 DQ ₆₀	2009 10 27.7	02 08.30 +11 13.1 21.1	-0.84	- 3.9	0.5/27.3	22878

2009 ST ₁₇₀	2009 10 27.7	02 08.31 +15 44.8 19.4	-1.04	- 7.1	1.2/29.0	64005
2007 EB ₁₃₉	2009 10 27.7	02 08.32 +02 34.1 20.8	-0.83	- 4.9	3.5/24.8	63826
2001 WP ₇₂	2009 10 27.7	02 08.35 +07 13.8 18.9	-0.94	- 1.8	2.7/26.4	64172
2004 RT ₁₈₄	2009 10 27.7	02 08.38 +12 18.6 18.9	-0.78	- 7.9	0.3/27.6	64225
2007 HB ₈₀	2009 10 27.7	02 08.40 +01 08.6 20.4	-0.85	- 1.7	3.5/24.8	64321
2009 SO ₇₅	2009 10 27.7	02 08.41 +05 08.6 20.5	-0.49	- 2.7	1.4/25.4	63973
2009 TP ₃₄	2009 10 27.7	02 08.44 +06 18.0 19.6	-0.85	- 1.5	2.1/26.1	64067
2008 QK ₄₂	2009 10 27.7	02 08.45 +21 20.9 21.2	-0.55	- 2.7	1.6/30.3	58154
2001 UO ₉₉	2009 10 27.7	02 08.51 +07 14.5 19.3	-0.98	- 2.4	2.5/26.4	64168
2000 RT ₁₀₆	2009 10 27.7	02 08.52 +06 58.0 20.4	-0.90	- 4.2	2.3/26.2	64155
2001 FW ₁₀₇	2009 10 27.7	02 08.53 +28 38.7 19.7	-1.18	- 4.0	6.4/31.9	12748
2005 NU ₆₄	2009 10 27.8	02 08.46 +11 44.6 19.7	-0.99	- 6.5	0.5/27.5	62423
2009 SZ ₂₄₄	2009 10 27.8	02 08.48 +06 43.8 19.7	-0.71	- 9.3	2.0/25.7	64026
2002 VK ₁₁₄	2009 10 27.8	02 08.49 +08 18.0 18.7	-0.95	- 1.8	2.4/26.7	63648
2008 HE ₃₁	2009 10 27.8	02 08.49 +11 03.3 20.4	-0.90	- 5.8	0.7/27.3	64332
2009 SG ₆₉	2009 10 27.8	02 08.51 +04 53.2 18.9	-0.79	- 5.3	3.6/25.5	64373
2004 XF ₈₉	2009 10 27.8	02 08.51 +10 18.8 19.5	-0.84	- 1.9	0.8/27.1	64238
2005 TS ₁₉₁	2009 10 27.8	02 08.54 +04 50.1 20.5	-1.02	- 0.4	2.7/26.0	11139
2005 UD ₆₄	2009 10 27.8	02 08.54 +04 41.6 19.3	-0.82	- 6.9	3.5/25.3	64262
2005 SN ₁₂₁	2009 10 27.8	02 08.57 +10 42.2 20.5	-0.96	- 5.3	0.8/27.2	40142
2002 UO ₂	2009 10 27.8	02 08.59 +49 40.0 18.4	-1.16	- 8.2	16.0/10.6	64195
2003 FD ₁₃₁	2009 10 27.8	02 08.63 -09 30.9 20.7	-0.84	- 4.4	6.9/21.3	18050
2008 HR ₆₇	2009 10 27.8	02 08.66 +12 51.9 21.5	-0.97	- 4.3	0.0/27.8	42974
2003 FK ₆	2009 10 27.8	02 08.70 +22 16.4 20.2	-1.06	- 1.3	3.0/30.1	64202
2007 DN ₅₁	2009 10 27.8	02 08.74 +31 45.5 20.5	-1.08	- 3.3	6.2/02.0	64308
2007 CZ ₁	2009 10 27.8	02 08.75 -20 05.3 21.3	-0.80	- 4.4	9.0/17.6	17691
2002 GE ₆₄	2009 10 27.8	02 08.76 +09 10.9 21.6	-0.79	- 3.9	1.0/26.8	19577
2002 PX ₁₇₃	2009 10 27.8	02 08.78 +23 08.0 20.3	-1.08	- 5.9	4.5/30.7	64188
2005 UU ₁₁₀	2009 10 27.8	02 08.81 +03 24.6 19.0	-1.16	+ 3.1	4.0/26.2	64263
1999 VQ ₁₁₅	2009 10 27.8	02 08.85 +06 35.6 18.7	-1.07	+ 0.6	3.3/26.6	64150
2001 XB ₆₀	2009 10 27.8	02 08.86 -11 34.9 18.8	-0.97	0.0	10.7/21.5	62331
2005 QA ₄₄	2009 10 27.8	02 08.87 +07 08.3 21.2	-0.98	- 5.7	2.2/26.3	64247
2005 VF ₁₂₂	2009 10 27.8	02 08.89 -36 54.8 19.5	-1.25	+ 4.9	18.1/12.9	62459
2005 YU ₂₄₉	2009 10 27.8	02 08.90 +05 36.2 20.1	-0.88	- 3.5	2.6/25.9	64285
2005 ST ₁₆₁	2009 10 27.9	02 08.82 +14 07.2 19.3	-0.92	- 5.9	0.5/28.2	64255
2005 AV ₅₄	2009 10 27.9	02 08.85 +56 02.7 19.4	-1.31	+ 0.5	15.4/11.5	58488
2004 BD ₃₃	2009 10 27.9	02 08.88 +19 18.2 20.4	-1.09	- 4.9	2.5/29.6	12863
2002 RO ₈₃	2009 10 27.9	02 08.88 +06 52.9 19.3	-0.89	- 6.1	3.0/26.2	64190
2002 NJ ₁₁	2009 10 27.9	02 08.89 +24 18.1 20.3	-1.13	- 7.4	4.5/31.2	35812
2002 QX ₉₆	2009 10 27.9	02 08.89 +14 33.4 20.9	-1.11	- 4.3	0.6/28.3	62352
2004 PG ₈₀	2009 10 27.9	02 08.90 -08 52.8 20.1	-0.80	- 7.6	7.0/21.1	64222
2006 WR ₁₀	2009 10 27.9	02 08.92 +25 08.1 19.0	-1.09	- 5.8	5.6/31.3	64299
2005 XV ₇₆	2009 10 27.9	02 08.92 +07 49.6 18.8	-1.09	+ 0.5	2.1/26.9	64280
2009 ST ₁₈₈	2009 10 27.9	02 08.97 +04 30.6 20.1	-0.84	- 2.9	4.1/25.7	64010
2003 SY ₈₈	2009 10 27.9	02 08.97 +06 00.0 19.8	-0.82	- 2.4	2.2/26.1	64207
2009 RO ₃₅	2009 10 27.9	02 09.04 +06 49.6 18.8	-0.71	- 9.8	2.6/25.9	63937
2007 DU ₆₈	2009 10 27.9	02 09.07 +19 51.7 19.7	-0.99	- 2.9	2.7/29.7	20540
2007 EL ₁₉₅	2009 10 27.9	02 09.07 +06 39.9 19.5	-0.86	- 7.2	2.9/26.0	63828
2007 DH ₃₄	2009 10 27.9	02 09.14 +19 09.6 19.7	-1.05	- 2.1	2.9/29.4	63817
2007 AW ₁₅	2009 10 27.9	02 09.14 -04 47.2 20.1	-0.97	- 4.8	6.9/23.0	64302
2004 TK ₃₀₁	2009 10 27.9	02 09.16 +27 48.5 19.2	-0.99	- 1.7	5.3/31.8	64234

2008 QL ₃₇	2009 10 27.9	02 09.16 +06 15.1	20.5	-0.52	- 3.6	1.4/25.9	63862
2002 QF ₁₀₅	2009 10 27.9	02 09.20 +18 04.7	19.0	-0.97	- 3.5	2.6/29.3	63630
2005 YL ₈₁	2009 10 27.9	02 09.26 +19 35.9	20.4	-0.90	- 5.1	2.3/29.8	98046
2007 ET ₁₇₂	2009 10 27.9	02 09.27 +15 41.3	20.4	-0.91	- 3.3	0.9/28.7	64315
2004 RX ₂₀₃	2009 10 28.0	02 09.23 +51 18.9	19.6	-1.28	- 3.1	11.7/10.3	40688
2007 GK ₇	2009 10 28.0	02 09.25 +07 54.0	20.5	-0.75	- 6.2	1.5/26.5	64318
2009 SE ₁₄₇	2009 10 28.0	02 09.26 +08 44.3	19.5	-0.89	- 3.6	1.7/26.9	63994
2009 SA ₁₄₇	2009 10 28.0	02 09.26 +06 19.2	19.6	-0.80	- 5.4	2.6/26.1	64385
2005 VM ₈₄	2009 10 28.0	02 09.27 +16 06.4	19.8	-0.85	- 6.2	1.4/29.0	01107
2006 BZ ₁₅₇	2009 10 28.0	02 09.29 +13 14.0	20.2	-0.82	- 3.8	0.1/28.1	64290
2008 KX ₁₁	2009 10 28.0	02 09.29 +04 06.3	20.6	-0.82	- 7.7	2.7/25.3	64334
2006 BP ₅₁	2009 10 28.0	02 09.29 +17 37.9	21.2	-0.81	- 3.7	1.3/29.3	64288
2005 UM ₂₃₈	2009 10 28.0	02 09.29 +05 20.5	20.0	-0.88	- 5.0	2.9/25.9	64267
2000 UW ₂₇	2009 10 28.0	02 09.32 +09 43.2	19.0	-0.87	- 3.9	1.3/27.1	64157
2004 VB ₃₁	2009 10 28.0	02 09.33 +04 00.5	19.7	-0.88	- 1.4	2.8/25.8	64235
2003 SE ₂₄₄	2009 10 28.0	02 09.33 +13 00.9	20.1	-0.80	- 4.1	0.0/28.0	63665
2005 YT ₂₀₀	2009 10 28.0	02 09.34 +18 39.1	21.4	-0.91	- 4.6	2.0/29.6	98067
2005 VE ₁₁₂	2009 10 28.0	02 09.37 +16 17.5	19.3	-0.93	- 3.8	1.4/28.9	64273
2006 BP ₁₄₁	2009 10 28.0	02 09.37 +25 15.2	20.0	-0.91	- 3.3	4.0/31.4	64290
2009 TG ₉	2009 10 28.0	02 09.41 +17 18.4	19.3	-0.57	- 2.2	0.9/29.3	64057
2005 SF ₁₇₇	2009 10 28.0	02 09.43 +14 54.8	19.3	-0.92	- 7.5	0.7/28.6	64256
2002 JV ₁₂₄	2009 10 28.0	02 09.43 +02 08.5	22.0	-0.82	- 5.2	2.9/24.9	40675
2007 EO ₁₆₉	2009 10 28.0	02 09.44 +09 27.0	21.0	-0.79	- 4.6	1.0/27.0	64315
2004 EA ₈₄	2009 10 28.0	02 09.49 +09 57.4	20.9	-0.99	- 4.8	1.1/27.2	64216
2005 YK ₁₅₃	2009 10 28.0	02 09.50 +17 47.1	18.8	-0.93	- 3.5	2.0/29.3	64284
2008 KK ₂₃	2009 10 28.0	02 09.52 -06 44.0	21.2	-0.96	- 1.1	6.4/23.4	40775
2005 YZ ₂₇	2009 10 28.0	02 09.55 +14 21.7	20.0	-0.91	- 4.0	0.5/28.4	64281
2005 WB ₆₉	2009 10 28.0	02 09.59 +28 48.3	18.3	-0.85	-10.7	6.6/02.5	64275
2000 WB ₁₅₀	2009 10 28.0	02 09.61 +14 13.7	19.9	-0.97	- 2.1	0.4/28.4	64158
2005 UH ₇₉	2009 10 28.0	02 09.64 +06 59.9	19.0	-0.78	- 9.7	2.6/26.1	64263
2002 KX ₃	2009 10 28.0	02 09.65 -20 34.8	21.6	-0.74	- 3.5	8.0/17.9	43155
2004 XW ₆	2009 10 28.0	02 09.67 +15 04.8	17.4	-0.95	- 0.3	0.9/29.0	64237
2005 CX ₇	2009 10 28.0	02 09.71 +50 42.6	19.5	-1.65	- 2.3	16.7/08.4	39755
2009 RE ₃₅	2009 10 28.1	02 09.60 +08 29.2	18.8	-0.72	-10.2	2.3/26.6	64358
2000 DY ₈₆	2009 10 28.1	02 09.61 +12 09.7	20.0	-1.02	- 3.5	0.3/27.9	62303
2005 QK ₁₁₆	2009 10 28.1	02 09.62 +22 15.5	19.9	-1.09	- 3.6	3.6/30.5	64249
2007 BB ₂₉	2009 10 28.1	02 09.63 +16 30.3	19.9	-0.99	- 6.0	1.6/29.0	63811
2003 GZ ₂₅	2009 10 28.1	02 09.64 +26 17.0	19.3	-1.31	+ 4.6	6.0/30.3	64203
2007 EU ₁₉₆	2009 10 28.1	02 09.64 +15 55.4	20.2	-0.88	- 1.9	0.9/29.0	64316
2001 XV ₉₆	2009 10 28.1	02 09.67 +25 53.5	17.2	-0.78	- 7.9	6.4/01.5	64173
2007 CM ₆₂	2009 10 28.1	02 09.67 +00 28.5	22.2	-0.82	- 4.8	3.4/24.5	41861
2008 JG ₄	2009 10 28.1	02 09.68 +02 24.6	20.1	-0.79	- 5.4	3.6/25.1	64333
2008 GG ₁₂₉	2009 10 28.1	02 09.69 +08 42.7	20.9	-1.01	- 4.7	1.5/27.0	40764
2009 TG ₃	2009 10 28.1	02 09.71 +15 32.7	19.3	-1.05	- 1.8	1.0/29.0	64053
2004 RW ₆₉	2009 10 28.1	02 09.75 +09 01.5	19.9	-0.85	- 4.7	1.5/27.0	64224
2007 ER ₁₉₂	2009 10 28.1	02 09.77 +11 22.7	20.7	-0.88	- 4.3	0.6/27.7	64316
2005 LK ₂₆	2009 10 28.1	02 09.80 +07 20.0	20.7	-0.48	- 3.7	1.0/26.4	64242
2004 PZ ₈₆	2009 10 28.1	02 09.83 -03 56.0	20.0	-0.81	- 6.1	5.8/23.1	59728
2009 SY ₂₃₈	2009 10 28.1	02 09.86 -06 07.8	19.5	-0.80	- 6.6	7.8/22.0	64024
2005 SC ₁₆₀	2009 10 28.1	02 09.86 +15 34.7	19.3	-1.00	- 3.6	1.1/29.0	64255
2005 BG ₁₈	2009 10 28.1	02 09.87 +30 09.4	19.5	-0.94	- 1.8	6.1/01.7	73819

2004 RA ₄₆	2009 10 28.1	02 09.87 +17 33.6	19.5	-0.93	- 2.7	1.7/29.3	64223
2002 FD ₃₈	2009 10 28.1	02 09.88 +24 03.0	19.9	-0.59	- 1.1	1.9/31.2	47210
2008 FD ₁₁₄	2009 10 28.1	02 09.90 +09 18.9	21.3	-1.00	- 5.3	1.4/27.2	64329
2005 WN ₂₆	2009 10 28.1	02 09.92 +10 15.2	20.2	-0.93	- 3.1	1.0/27.4	64274
2003 SO ₂₀₉	2009 10 28.1	02 09.93 +29 57.7	19.7	-0.97	- 0.8	6.0/01.5	63664
2009 TZ ₆	2009 10 28.1	02 09.97 +23 05.1	19.3	-0.85	- 6.1	4.2/31.2	64056
2006 BM ₁₈₅	2009 10 28.1	02 09.98 +26 06.8	20.1	-0.92	- 2.9	4.3/31.7	63791
2001 QX ₁₅₀	2009 10 28.1	02 10.01 +23 09.4	18.1	-0.88	-26.0	4.8/01.3	63616
2005 NO ₁₉	2009 10 28.1	02 10.03 +12 02.9	19.5	-0.98	- 5.6	0.5/27.9	64243
2006 CO ₂₈	2009 10 28.1	02 10.04 -05 37.4	19.3	-0.77	- 4.3	6.3/22.8	64292
2005 WH ₁₄₄	2009 10 28.1	02 10.04 -06 22.8	19.8	-0.95	- 2.9	6.5/22.9	64277
2003 UZ ₂₄₅	2009 10 28.1	02 10.05 +16 41.2	18.7	-0.70	- 9.2	1.1/29.4	64212
2006 AT ₄₁	2009 10 28.2	02 09.99 +24 06.0	20.9	-0.82	- 4.8	3.0/31.4	01210
2004 XK ₉₂	2009 10 28.2	02 10.00 +03 37.1	19.4	-0.89	- 0.7	3.2/25.9	64238
2003 MW ₃	2009 10 28.2	02 10.01 +00 02.9	21.3	-0.79	- 4.5	3.2/24.5	47250
2005 QG ₁₅₂	2009 10 28.2	02 10.01 +22 56.0	19.4	-1.07	- 2.9	4.2/30.7	64250
2004 RE ₇₁	2009 10 28.2	02 10.02 +13 53.0	19.4	-0.91	- 2.7	0.3/28.4	64224
2002 HZ ₁₃	2009 10 28.2	02 10.04 -29 02.5	19.5	-0.81	- 1.1	11.0/16.0	22703
2008 HA ₆₂	2009 10 28.2	02 10.06 +05 55.9	20.7	-1.01	- 6.4	2.7/26.2	64332
2005 YR ₁₇	2009 10 28.2	02 10.06 +11 28.3	19.4	-0.87	- 6.6	0.7/27.7	64280
2002 TZ ₃₇₅	2009 10 28.2	02 10.07 +18 12.2	20.6	-1.16	- 3.3	1.9/29.5	62360
2008 JS ₃₃	2009 10 28.2	02 10.08 +06 20.4	21.1	-0.84	- 7.6	2.1/26.2	40772
2003 ER ₆₃	2009 10 28.2	02 10.08 +09 38.5	19.9	-0.52	- 2.0	0.6/27.2	63654
2001 CY ₄₈	2009 10 28.2	02 10.09 -00 23.7	20.3	-0.93	- 1.9	4.2/24.8	64159
2009 SK ₃₂₆	2009 10 28.2	02 10.09 +06 02.5	17.5	-1.08	+ 4.6	3.8/27.0	64045
2004 EC ₂₀	2009 10 28.2	02 10.10 +06 56.6	20.2	-0.94	- 7.6	2.3/26.4	64216
2005 MU ₄₂	2009 10 28.2	02 10.14 +14 58.8	20.2	-1.04	- 5.9	0.7/29.0	62422
2002 LZ ₅₂	2009 10 28.2	02 10.15 -07 01.6	19.2	-0.91	+ 1.2	6.6/23.9	64186
2005 UK ₃₁₀	2009 10 28.2	02 10.15 +11 14.7	20.1	-1.03	- 3.2	0.7/27.8	64268
2009 SN ₆₉	2009 10 28.2	02 10.16 +05 38.3	19.3	-0.81	- 4.4	4.0/26.2	63969
2007 EM ₇₉	2009 10 28.2	02 10.17 +05 29.7	21.0	-0.79	- 8.3	2.4/25.8	20854
2006 BX ₁₈₁	2009 10 28.2	02 10.21 -02 12.3	20.4	-0.75	- 4.4	5.0/23.8	64290
2002 AY ₄₆	2009 10 28.2	02 10.22 -07 16.0	21.1	-0.85	- 3.8	5.7/22.4	21310
2005 XW ₂₈	2009 10 28.2	02 10.23 +30 55.1	19.9	-0.94	- 9.2	6.5/03.0	64279
2001 VF ₁₀₃	2009 10 28.2	02 10.28 +15 11.4	19.3	-0.98	- 2.1	0.9/28.8	64170
2004 RT ₂₀₉	2009 10 28.2	02 10.39 +18 34.8	18.9	-0.80	- 9.8	2.0/30.1	64226
2005 UT ₁₄₉	2009 10 28.2	02 10.40 +14 32.3	20.6	-0.99	- 3.2	0.5/28.6	64264
2007 BT ₅₄	2009 10 28.2	02 10.43 +00 13.7	19.8	-1.03	- 2.7	5.4/25.1	64304
2008 KT ₁₂	2009 10 28.2	02 10.45 +16 02.0	19.1	-0.84	-10.5	1.1/29.2	64334
2009 SZ ₁₆₄	2009 10 28.2	02 10.46 +18 16.7	19.3	-0.98	- 0.1	1.8/29.5	64002
2009 BT ₂₅	2009 10 28.2	02 10.50 +14 11.7	19.0	-1.58	+ 6.7	11.5/18.0	64064
2001 GL ₃	2009 10 28.3	02 10.39 -22 05.4	20.5	-1.11	+ 0.9	11.8/20.3	40092
2004 EZ ₁₀₂	2009 10 28.3	02 10.39 +02 54.4	19.8	-0.90	- 6.6	4.6/25.4	64217
2008 SR ₁₅₄	2009 10 28.3	02 10.40 +22 50.2	19.6	-0.61	- 1.0	1.7/31.0	64337
1999 FV ₈₃	2009 10 28.3	02 10.42 -06 57.1	21.5	-0.83	- 6.4	6.1/22.1	59648
2006 BU ₂₅	2009 10 28.3	02 10.42 +12 40.3	22.0	-0.78	- 4.1	0.1/28.2	96995
2005 UY ₂₁₉	2009 10 28.3	02 10.49 +19 34.2	20.7	-0.90	- 9.3	2.4/30.4	39244
2005 UY ₄₇₈	2009 10 28.3	02 10.50 +11 23.0	19.8	-0.98	- 2.3	0.6/27.9	64270
2004 TM ₁₅₅	2009 10 28.3	02 10.51 +11 25.2	20.8	-0.83	- 4.9	0.6/27.8	62407
2009 SA ₁₈	2009 10 28.3	02 10.52 +04 45.2	18.3	-1.04	+ 3.4	3.3/26.8	64365
2004 SR ₂₃	2009 10 28.3	02 10.57 +13 05.5	20.3	-0.86	- 3.7	0.0/28.3	64228

2005 US ₆₂	2009 10 28.3	02 10.63 +10 00.9 20.2	-0.95 - 3.8	1.2/27.5	64262
2001 SO ₂₆₄	2009 10 28.3	02 10.63 +08 07.0 18.7	-0.91 -25.1	2.3/26.4	63618
2006 BN ₁₁₃	2009 10 28.3	02 10.64 +17 00.0 21.5	-0.78 - 3.5	1.0/29.4	02276
2007 ET ₁₁₂	2009 10 28.3	02 10.68 +13 32.9 20.1	-0.87 - 5.1	0.1/28.5	64314
2003 SW ₁₂₇	2009 10 28.3	02 10.69 +26 20.8 20.0	-0.89 - 2.5	3.9/31.9	64208
2006 AT ₈₄	2009 10 28.3	02 10.72 +12 44.1 20.5	-0.87 - 3.9	0.1/28.3	96963
2000 CA ₄₃	2009 10 28.3	02 10.79 +27 29.2 19.9	-1.07 - 5.3	4.9/01.4	40664
2002 UG ₃₀	2009 10 28.3	02 10.84 +14 13.7 20.2	-1.07 - 3.5	0.4/28.7	64195
2009 UP ₂	2009 10 28.4	02 10.80 +05 37.2 18.7	-1.17 + 5.5	3.0/27.3	64411
2005 LT ₁₈	2009 10 28.4	02 10.83 +09 55.2 19.6	-0.51 - 4.3	0.6/27.4	64242
2007 EA ₈₂	2009 10 28.4	02 10.92 +32 42.8 18.8	-1.26 + 1.2	7.3/01.7	63824
2002 TK ₂₅₂	2009 10 28.4	02 10.94 +08 30.3 19.4	-1.08 - 2.4	2.0/27.4	64194
2004 RY ₂₁₃	2009 10 28.4	02 10.95 +29 46.9 18.8	-0.89 - 7.9	5.6/02.9	64226
2008 GC ₈₁	2009 10 28.4	02 10.95 +06 42.3 20.7	-0.98 - 4.3	2.3/26.8	64330
2005 VS ₁₃	2009 10 28.4	02 10.95 +03 37.5 19.4	-0.89 - 5.3	3.4/25.8	64272
2008 GE ₈₂	2009 10 28.4	02 10.99 +06 20.2 20.6	-0.98 - 2.7	2.3/26.8	64330
2005 QB ₁₇	2009 10 28.4	02 11.05 +21 07.0 19.8	-1.08 - 1.7	3.5/30.4	90224
2008 JD	2009 10 28.4	02 11.06 -07 01.5 20.5	-0.87 - 4.8	6.7/22.9	57498
2005 SM ₇₁	2009 10 28.4	02 11.08 +17 46.1 18.8	-0.97 - 2.6	2.2/29.6	64253
2002 NF ₆₆	2009 10 28.4	02 11.10 +16 58.9 20.7	-1.11 - 5.2	1.5/29.5	64187
1999 JA ₁₅	2009 10 28.4	02 11.16 -00 21.9 20.0	-0.94 - 1.8	4.5/25.3	64148
2002 PN ₁₄	2009 10 28.4	02 11.17 +23 25.7 20.0	-0.79 - 4.9	2.8/31.5	64187
2007 AB ₂₅	2009 10 28.4	02 11.19 +22 13.2 20.8	-1.00 - 4.8	2.9/30.9	19694
2004 FC ₆	2009 10 28.4	02 11.20 +18 03.5 22.3	-1.10 - 3.2	1.6/29.7	66346
2000 RA ₂₆	2009 10 28.4	02 11.21 +20 30.4 17.9	-0.77 - 9.0	3.2/30.9	64155
2005 VQ ₅	2009 10 28.4	02 11.21 +06 35.6 19.4	-1.06 + 0.2	2.4/27.1	64271
2009 TS ₃	2009 10 28.4	02 11.23 +15 49.1 19.6	-1.09 - 0.2	1.0/29.1	64054
2001 US ₂₁₅	2009 10 28.4	02 11.24 +04 57.6 20.0	-1.09 + 0.5	3.1/26.8	64169
2001 RK ₁₄₂	2009 10 28.4	02 11.33 +42 39.0 19.6	-2.15 +11.6	16.0/31.4	64163
2006 DE ₈₇	2009 10 28.5	02 11.14 +09 06.8 19.9	-0.79 - 4.1	1.3/27.4	64293
2002 AB ₁₂	2009 10 28.5	02 11.16 +23 23.9 18.5	-0.96 - 3.7	4.2/31.2	64177
2003 SJ ₇₈	2009 10 28.5	02 11.17 +11 39.8 19.0	-0.74 - 6.9	0.5/28.0	63661
2006 JY ₈	2009 10 28.5	02 11.18 +15 42.8 21.0	-0.63 - 3.2	0.5/29.2	62483
2004 TR ₁₅₂	2009 10 28.5	02 11.21 +14 37.7 20.9	-0.87 - 3.9	0.5/29.0	64232
2005 WX ₁₄₇	2009 10 28.5	02 11.26 +10 54.9 20.4	-0.88 - 3.5	0.7/27.9	62463
2007 GW ₂₉	2009 10 28.5	02 11.28 +13 19.0 19.6	-0.72 - 9.0	0.0/28.6	64318
2007 BC ₄₄	2009 10 28.5	02 11.29 +10 04.9 19.6	-0.99 - 5.4	1.3/27.7	64304
2002 SK ₂₆	2009 10 28.5	02 11.30 +06 55.4 19.3	-0.84 - 7.8	3.1/26.6	63636
2008 EY ₁₂₀	2009 10 28.5	02 11.32 +07 05.9 20.8	-0.99 - 6.2	2.2/26.9	64326
2008 EC ₁₅₁	2009 10 28.5	02 11.38 +16 09.3 21.2	-1.08 - 4.7	1.1/29.3	64326
2006 BN ₁₀	2009 10 28.5	02 11.40 -03 32.8 20.4	-0.76 - 3.6	4.7/23.8	64288
2005 UN ₂₈₇	2009 10 28.5	02 11.41 +06 13.1 20.8	-0.95 - 4.1	2.7/26.7	64268
2005 YX ₈₁	2009 10 28.5	02 11.47 +14 02.6 20.5	-0.83 - 4.7	0.3/28.8	64282
2001 YR ₂₃	2009 10 28.5	02 11.48 +22 27.2 19.6	-0.94 - 6.5	3.5/31.2	64176
2002 JH ₃₆	2009 10 28.5	02 11.50 +15 24.6 22.0	-0.76 - 6.2	0.6/29.2	53013
2005 QS ₁₃₉	2009 10 28.5	02 11.52 +09 22.3 20.2	-0.97 - 4.9	1.6/27.5	64250
2004 NL ₂₅	2009 10 28.5	02 11.53 -09 41.3 20.2	-0.90 - 2.3	7.9/22.8	64220
2005 RP ₈	2009 10 28.5	02 11.53 +15 15.4 19.6	-0.98 - 5.9	0.8/29.1	63721
2002 TA ₁₂₅	2009 10 28.5	02 11.53 +27 50.6 19.1	-1.07 - 2.9	7.1/01.4	64194
2006 BS ₂₈₁	2009 10 28.5	02 11.55 +10 54.6 20.5	-0.83 - 3.4	0.8/28.0	63793
2002 CU ₂₃₈	2009 10 28.5	02 11.55 +17 59.4 20.6	-0.89 - 4.0	1.4/29.9	94642

2003 RR ₁₃	2009 10 28.5	02 11.56 +55 20.0 18.2	-1.38 + 2.1	14.9/09.8	64206
2005 WU ₁₂₀	2009 10 28.5	02 11.57 +24 22.5 19.5	-0.90 - 7.5	3.5/01.0	64276
2002 SN ₃₈	2009 10 28.5	02 11.57 +10 05.3 20.0	-1.03 - 6.0	1.3/27.8	64192
2003 QZ ₅₁	2009 10 28.5	02 11.59 +40 00.9 18.6	-1.16 + 1.3	10.1/04.5	64205
2003 BZ ₇₀	2009 10 28.5	02 11.61 +01 55.9 20.5	-0.94 - 6.1	4.9/25.3	64200
2000 KX ₂	2009 10 28.5	02 11.63 -07 52.1 18.9	-1.27 + 1.6	8.0/24.2	64154
2007 EF ₄₅	2009 10 28.6	02 11.56 +09 19.9 21.1	-0.75 - 5.1	1.1/27.5	64312
2007 DQ ₃₁	2009 10 28.6	02 11.57 +09 25.7 19.6	-0.89 - 4.7	1.4/27.6	64308
2007 HV ₄₃	2009 10 28.6	02 11.58 +06 52.0 19.6	-0.76 - 7.1	2.2/26.7	64321
2005 XZ ₈₀	2009 10 28.6	02 11.58 -05 11.4 19.8	-1.01 + 2.5	8.0/25.0	63778
2004 RR ₂₈₃	2009 10 28.6	02 11.59 +22 19.0 21.3	-0.98 - 2.6	2.8/30.9	46183
2004 RT ₂₀	2009 10 28.6	02 11.60 +12 23.0 19.9	-0.86 - 5.1	0.3/28.4	64223
2002 JX ₆	2009 10 28.6	02 11.62 +18 10.2 20.7	-0.78 -10.1	1.3/30.3	41782
2002 SO ₄	2009 10 28.6	02 11.62 +13 55.7 18.9	-1.07 - 1.5	0.3/28.8	64192
2001 PL ₆₁	2009 10 28.6	02 11.62 +19 13.8 19.4	-1.06 - 3.8	2.7/30.2	64161
2005 SZ ₁₈₃	2009 10 28.6	02 11.63 +17 05.2 21.3	-1.00 - 4.4	1.3/29.6	64256
2004 WX ₆	2009 10 28.6	02 11.67 +03 50.1 17.9	-0.97 + 2.0	3.8/26.7	64236
2008 GL ₁₀₀	2009 10 28.6	02 11.69 +08 29.4 19.2	-0.82 -11.8	1.9/27.0	63854
2003 CC ₂₅	2009 10 28.6	02 11.69 +05 01.8 20.1	-1.00 - 1.3	2.6/26.7	64201
1999 UG ₅₉	2009 10 28.6	02 11.69 +11 10.5 20.2	-0.85 - 3.7	0.8/28.1	64149
2007 EM ₄₂	2009 10 28.6	02 11.70 +04 42.9 20.7	-0.79 - 6.4	2.6/26.1	64311
2006 EQ ₃₃	2009 10 28.6	02 11.77 +18 17.1 20.7	-0.89 - 1.7	1.4/29.9	62014
1999 UU ₇	2009 10 28.6	02 11.77 +15 56.1 18.0	-0.57 -17.0	1.1/29.7	64149
2005 NN ₅₇	2009 10 28.6	02 11.78 +07 03.8 19.3	-0.91 - 4.3	2.9/27.0	64244
2005 YG ₂₈₃	2009 10 28.6	02 11.78 +17 39.4 20.4	-0.88 - 5.4	1.6/29.9	20833
2006 CB ₆₂	2009 10 28.6	02 11.79 -13 34.4 20.3	-0.87 + 0.3	6.8/21.9	02286
2007 LW ₃₆	2009 10 28.6	02 11.83 +09 54.3 19.3	-0.73 -13.6	1.1/27.5	64323
2004 XU ₂₁	2009 10 28.6	02 11.83 +03 23.1 18.8	-0.86 - 1.0	3.5/26.3	64237
2007 JC ₃	2009 10 28.6	02 11.87 +10 18.2 21.2	-0.80 - 2.1	0.8/27.9	64322
2005 YO ₁₀	2009 10 28.6	02 11.87 +13 37.0 19.9	-0.91 - 5.7	10.1/09.0	58522
2000 CU ₃₄	2009 10 28.6	02 11.87 -08 21.5 20.9	-0.72 - 4.0	5.3/22.2	01994
1999 XX ₂₅₀	2009 10 28.6	02 11.89 +01 03.0 21.0	-0.75 - 3.1	3.1/25.3	64151
2005 YD ₃₄	2009 10 28.6	02 11.89 +05 08.4 20.0	-0.88 - 4.1	3.2/26.5	98038
2008 HQ ₅₅	2009 10 28.6	02 11.94 +08 58.3 22.0	-0.98 - 4.1	1.4/27.6	40218
2003 UF ₃₃₄	2009 10 28.6	02 11.96 +26 59.8 20.3	-0.95 - 1.3	4.3/01.1	64213
2007 HG ₄₅	2009 10 28.6	02 11.96 +07 55.5 21.2	-0.76 - 4.0	1.5/27.2	64321
2002 EQ ₁₅	2009 10 28.7	02 11.95 +05 43.9 19.7	-0.81 - 8.4	2.4/26.3	64182
2007 HO ₁₆	2009 10 28.7	02 11.95 -00 15.4 20.5	-0.81 - 8.0	4.7/24.5	64320
2005 CQ	2009 10 28.7	02 11.98 -34 49.0 19.9	-1.09 - 2.0	21.6/09.0	64240
2006 VO ₁₃₃	2009 10 28.7	02 12.02 +18 49.9 18.1	-1.10 - 3.9	2.7/30.1	64299
2004 XL ₉₂	2009 10 28.7	02 12.04 -16 31.8 18.2	-1.04 + 4.9	11.1/23.2	64238
2007 FA ₄₇	2009 10 28.7	02 12.06 +10 31.4 19.6	-1.08 + 0.8	1.0/28.2	64318
2004 TE ₃₆₇	2009 10 28.7	02 12.08 +26 31.0 18.9	-0.86 - 5.4	4.5/01.7	11073
2009 SY ₂₅₄	2009 10 28.7	02 12.12 -16 52.4 18.8	-0.78 - 4.1	13.0/19.2	64029
2007 EU ₁₃₇	2009 10 28.7	02 12.13 +16 07.3 20.0	-0.98 - 2.1	0.9/29.4	63826
2007 GK ₆₀	2009 10 28.7	02 12.17 +15 59.5 20.4	-0.87 - 5.5	0.9/29.5	64319
2008 HV ₂₈	2009 10 28.7	02 12.18 +08 03.4 20.7	-1.00 - 6.0	2.1/27.3	63856
2000 AE ₁₅₀	2009 10 28.7	02 12.20 -00 10.8 19.6	-0.80 - 5.5	4.2/24.7	64151
2004 JG ₁₂	2009 10 28.7	02 12.24 +22 07.2 20.3	-1.00 - 6.2	2.9/31.3	66374
2003 UW ₁₅₅	2009 10 28.7	02 12.24 +03 54.1 20.3	-0.76 - 3.6	2.7/26.2	62379
2002 TY ₅₅	2009 10 28.7	02 12.25 +13 26.1 19.0	-0.95 - 9.3	11.1/18.0	63639

2004 RY ₂₇	2009 10 28.7	02 12.27 +19 56.8 20.0	-0.93	- 4.0	2.5/30.6	64223
2005 YA ₇₆	2009 10 28.7	02 12.28 +20 50.9 19.5	-0.92	- 4.1	3.3/30.8	64282
2002 SB ₄₁	2009 10 28.7	02 12.28 +07 10.9 18.6	-1.10	- 1.1	2.7/27.4	64192
2002 EP ₁₆₀	2009 10 28.7	02 12.30 +20 59.0 20.2	-0.57	- 2.5	1.5/31.0	64183
1999 TQ ₂₁₁	2009 10 28.7	02 12.33 +45 29.1 18.8	-1.17	- 2.1	11.3/08.1	64149
2007 CV ₄₁	2009 10 28.7	02 12.35 +13 48.9 20.2	-0.98	- 5.5	9.3/09.0	64306
2000 RC ₆₃	2009 10 28.8	02 12.30 +16 54.0 19.6	-1.03	- 4.0	1.5/29.7	63609
2000 SE ₁₃₅	2009 10 28.8	02 12.32 +19 49.7 18.1	-0.41	-14.0	3.3/31.5	63612
2007 EU ₂₁₆	2009 10 28.8	02 12.32 -10 00.1 20.9	-0.71	- 6.4	5.8/21.5	41333
2007 ET ₁₆₉	2009 10 28.8	02 12.32 +11 52.9 20.0	-0.89	- 3.4	0.5/28.4	64315
2001 XG ₅₇	2009 10 28.8	02 12.32 +21 46.6 18.6	-0.88	- 7.8	3.5/31.4	64173
2003 SZ ₉₆	2009 10 28.8	02 12.33 +16 58.0 19.0	-0.74	- 9.2	1.1/30.0	64208
2008 GX ₁₁₀	2009 10 28.8	02 12.34 -34 23.1 20.4	-1.30	+ 7.2	16.6/21.9	40590
2008 GY ₆₃	2009 10 28.8	02 12.34 +08 51.7 20.8	-0.92	- 8.6	1.6/27.5	64330
2003 KG ₂₅	2009 10 28.8	02 12.36 +11 24.9 21.5	-0.51	- 2.6	0.3/28.3	58451
2004 FP ₆₂	2009 10 28.8	02 12.41 +05 47.9 19.9	-0.95	- 6.4	2.8/26.7	64217
2005 TJ ₁₃₉	2009 10 28.8	02 12.46 +09 26.0 20.5	-0.95	- 4.2	1.6/27.8	64259
2005 VU ₁₁₂	2009 10 28.8	02 12.48 +21 00.1 20.0	-0.90	- 6.7	3.0/31.1	97974
2007 HP ₉₆	2009 10 28.8	02 12.48 +12 47.1 21.0	-0.78	- 4.1	0.1/28.7	62521
2004 HR ₇₂	2009 10 28.8	02 12.52 +10 11.7 21.8	-0.97	- 4.8	1.1/28.0	21812
2002 RA ₃₃	2009 10 28.8	02 12.53 +16 36.0 19.1	-0.98	- 5.9	1.6/29.8	63632
2004 TM ₂₃₅	2009 10 28.8	02 12.55 +09 47.1 19.9	-0.78	- 7.0	1.2/27.8	63690
2000 TP ₁₅	2009 10 28.8	02 12.59 +11 43.4 19.0	-0.82	- 8.1	0.6/28.4	64156
2008 ET ₁₄₃	2009 10 28.8	02 12.64 -00 46.1 20.7	-0.97	- 7.2	5.5/24.9	41917
2004 FK ₅₅	2009 10 28.8	02 12.65 +17 40.8 20.0	-1.08	- 3.6	1.6/30.0	63675
2006 AN ₅₁	2009 10 28.8	02 12.67 -04 48.7 20.5	-0.84	- 3.5	6.2/23.8	98082
2003 FE ₆₇	2009 10 28.8	02 12.68 +16 08.0 20.6	-1.00	- 1.7	0.9/29.5	64202
2001 FV ₂₃	2009 10 28.8	02 12.70 +11 29.5 19.6	-1.09	- 3.8	0.7/28.4	61837
2007 RC ₃₀₈	2009 10 28.8	02 12.72 +47 35.2 20.0	-0.80	- 0.9	6.6/08.9	58898
2006 AL ₃₁	2009 10 28.8	02 12.75 +06 49.2 21.0	-0.83	- 3.4	2.0/27.2	64286
2005 OA ₂₈	2009 10 28.8	02 12.76 +11 20.5 19.4	-0.93	- 8.1	0.8/28.3	64246
2006 DP ₄₄	2009 10 28.8	02 12.77 +23 24.5 20.9	-0.87	- 3.0	2.9/31.6	64293
2002 TQ ₂₆₂	2009 10 28.9	02 12.72 +23 51.6 19.3	-1.44	+ 2.8	4.0/30.7	64194
2000 AM ₂₀₉	2009 10 28.9	02 12.74 +20 48.6 20.0	-0.80	- 6.3	2.2/31.2	64151
2007 EQ ₁₈₅	2009 10 28.9	02 12.75 -01 26.1 20.4	-0.74	- 5.4	4.2/24.6	64315
2005 YV ₂₇	2009 10 28.9	02 12.75 +19 47.8 20.2	-0.90	- 4.0	2.5/30.7	64281
2005 XV ₁₉	2009 10 28.9	02 12.77 +09 18.9 20.7	-0.94	- 2.9	1.4/27.9	64278
2005 WO ₁₉₅	2009 10 28.9	02 12.79 -16 35.7 20.6	-0.79	- 3.1	7.2/19.7	02262
2005 NX ₅₃	2009 10 28.9	02 12.80 +62 05.1 19.8	-1.86	- 2.8	16.7/18.0	60829
1995 FK ₉	2009 10 28.9	02 12.82 +16 09.7 20.5	-0.87	- 1.2	0.8/29.6	64144
2007 DW ₇₇	2009 10 28.9	02 12.85 +02 49.5 19.7	-0.89	- 4.7	3.8/26.1	64309
2000 ER ₄	2009 10 28.9	02 12.85 +13 33.9 20.2	-0.81	- 3.9	7.5/09.0	62303
2008 HE ₆	2009 10 28.9	02 12.85 +12 33.3 21.8	-1.08	- 3.3	9.2/18.0	40215
2003 SA ₃₂₀	2009 10 28.9	02 12.87 +26 41.9 20.3	-0.91	- 2.2	4.2/01.4	62377
2006 AR ₃₁	2009 10 28.9	02 12.88 +12 27.8 19.9	-0.93	- 2.3	0.3/28.7	64286
2003 RC ₅	2009 10 28.9	02 12.88 +46 07.1 19.3	-1.52	+ 0.7	16.1/06.5	64206
2002 KQ ₃	2009 10 28.9	02 12.89 -03 22.5 21.8	-0.71	- 7.5	4.2/23.7	89295
2006 BL ₆₈	2009 10 28.9	02 12.91 +00 11.1 22.3	-0.77	- 3.6	3.6/25.3	98104
2005 NY ₅₄	2009 10 28.9	02 12.91 +09 12.3 18.8	-0.80	- 6.2	2.1/27.7	64244
1997 YG	2009 10 28.9	02 12.93 +01 42.1 19.0	-0.94	- 2.6	4.7/26.0	64145
2003 KC ₂	2009 10 28.9	02 12.95 -01 38.7 21.1	-0.84	- 3.7	4.3/24.9	18054

2007 EA ₇₀	2009 10 28.9	02 12.95 +12 59.3 19.6	-0.85	- 2.8	7.7/18.0	64312
2005 UX ₁₄₂	2009 10 28.9	02 12.96 +10 02.3 19.8	-1.01	- 1.3	1.3/28.2	64264
2008 JW ₄	2009 10 28.9	02 12.97 +15 08.2 19.6	-1.14	- 2.6	0.7/29.4	63858
2005 QK ₁₈₈	2009 10 28.9	02 12.98 +17 27.9 19.9	-1.07	- 2.0	1.8/29.9	63721
2008 HX ₁₆	2009 10 28.9	02 13.00 +10 10.7 21.5	-0.99	- 4.6	1.1/28.1	64332
2009 SS ₂₆₅	2009 10 28.9	02 13.01 +17 33.9 19.6	-0.94	- 3.2	2.0/30.1	64032
2002 PU ₁₇₇	2009 10 28.9	02 13.02 +18 43.7 19.8	-1.15	- 3.2	2.3/30.3	64188
2003 FP ₆₉	2009 10 28.9	02 13.05 +03 02.4 20.9	-0.91	- 5.1	3.5/26.1	64202
2006 BW ₁₄₆	2009 10 28.9	02 13.08 +18 36.8 21.0	-0.83	- 3.3	1.5/30.4	64290
2005 WA ₆₂	2009 10 28.9	02 13.09 +10 12.6 19.5	-0.97	- 2.4	1.2/28.2	64275
2002 WY ₈	2009 10 28.9	02 13.14 +17 13.8 19.2	-1.12	- 0.2	1.9/29.8	63649
2002 RK ₂₂₅	2009 10 28.9	02 13.16 +26 21.1 19.6	-1.14	- 4.0	5.5/01.4	64191
2002 EG ₈₀	2009 10 29.0	02 13.11 +20 55.3 19.9	-0.95	- 2.5	2.3/30.9	64183
2004 ED ₈₀	2009 10 29.0	02 13.11 +13 00.1 19.7	-1.07	- 3.1	0.1/28.9	64216
2005 WB ₅₄	2009 10 29.0	02 13.13 -04 08.2 18.3	-0.87	0.0	8.3/24.7	64275
2008 GK ₃₁	2009 10 29.0	02 13.13 +02 59.5 20.3	-1.01	- 4.8	4.2/26.3	64329
2001 UJ ₂₅	2009 10 29.0	02 13.16 +27 08.9 18.4	-1.04	- 2.8	5.9/01.6	64167
2006 AB ₆₂	2009 10 29.0	02 13.17 +14 24.4 20.8	-0.87	- 5.6	0.3/29.3	98084
2007 CA ₄₄	2009 10 29.0	02 13.17 +23 14.4 19.4	-1.04	- 4.8	3.9/31.7	63814
2001 YR ₁₃₆	2009 10 29.0	02 13.18 +36 07.6 18.7	-1.04	- 6.1	8.2/05.3	64177
2005 TA ₁₅₃	2009 10 29.0	02 13.22 +09 18.7 19.4	-0.93	- 5.0	1.8/27.9	63734
2005 UZ ₂₉₇	2009 10 29.0	02 13.27 +09 05.1 20.7	-0.96	- 2.1	1.4/28.0	64268
2003 HA ₂₉	2009 10 29.0	02 13.29 +12 10.2 20.1	-0.82	- 6.2	0.3/28.7	64203
2005 NH ₅₂	2009 10 29.0	02 13.31 +20 54.6 20.6	-1.10	- 5.3	2.7/31.1	64244
2004 ED ₅₂	2009 10 29.0	02 13.31 +09 44.8 20.5	-1.06	- 3.8	1.6/28.1	64216
2008 HF ₆₅	2009 10 29.0	02 13.32 +11 10.8 20.3	-1.00	- 6.5	0.8/28.4	62538
2004 TS ₁₆₅	2009 10 29.0	02 13.32 +08 10.5 19.7	-0.76	- 8.6	1.9/27.4	63689
2005 SC ₂₅₆	2009 10 29.0	02 13.32 +17 12.5 20.2	-1.01	- 5.5	1.4/30.1	64257
2006 BR ₈₄	2009 10 29.0	02 13.33 +15 15.4 20.1	-0.83	- 3.8	0.6/29.6	62477
2006 FZ ₁₀	2009 10 29.0	02 13.33 +12 21.6 20.6	-0.83	- 2.8	0.3/28.8	62483
2007 BN ₆₅	2009 10 29.0	02 13.40 +08 11.8 19.6	-0.95	- 6.0	2.2/27.6	64304
2001 WA ₂₉	2009 10 29.0	02 13.43 +02 17.4 18.2	-0.92	- 2.8	4.8/26.2	64171
2003 UY ₃₇₃	2009 10 29.0	02 13.43 +14 28.5 19.7	-0.77	- 6.7	0.3/29.4	64213
2005 YO	2009 10 29.0	02 13.44 +16 36.3 20.7	-0.88	- 5.1	1.1/30.0	64280
2005 GF ₂₅	2009 10 29.0	02 13.48 +19 27.9 21.2	-0.67	- 2.0	1.3/30.7	47348
2004 HL ₂₅	2009 10 29.0	02 13.49 +10 10.7 20.7	-0.98	- 5.1	1.1/28.2	64219
2001 US ₁₁₃	2009 10 29.0	02 13.49 +10 47.0 19.5	-0.92	- 1.6	1.3/28.5	64168
2006 DN ₁₀₀	2009 10 29.0	02 13.52 +17 59.9 20.3	-0.82	- 3.3	1.3/30.3	62481
2005 UW ₁₁₆	2009 10 29.0	02 13.52 +19 41.6 18.7	-0.84	-12.1	2.5/31.2	64264
2002 VY ₆₀	2009 10 29.1	02 13.49 +22 00.0 17.7	-0.88	- 7.0	4.3/31.7	64196
2007 GV ₂	2009 10 29.1	02 13.50 +21 10.0 21.3	-0.96	- 2.6	2.5/31.1	63831
2005 SS ₇₈	2009 10 29.1	02 13.52 +09 48.2 20.8	-0.97	- 5.2	1.5/28.2	33459
2005 WZ ₁₇₃	2009 10 29.1	02 13.54 +24 53.0 19.2	-0.88	- 9.2	4.3/01.8	64277
2000 JS ₄₀	2009 10 29.1	02 13.54 +07 16.4 20.1	-1.01	- 2.3	2.0/27.7	64153
2005 WV ₁₈₉	2009 10 29.1	02 13.55 +15 54.8 18.2	-1.11	+ 1.2	1.1/29.6	64278
2005 SD ₁₀₁	2009 10 29.1	02 13.55 +21 55.9 19.9	-1.03	- 3.1	3.6/31.3	64254
2002 KC ₉	2009 10 29.1	02 13.55 -04 20.0 20.2	-0.83	- 0.9	4.8/24.8	64186
2006 BV ₂₃₉	2009 10 29.1	02 13.55 -02 27.2 20.3	-0.75	- 3.5	4.5/24.7	40700
2002 VG ₃₈	2009 10 29.1	02 13.58 +19 28.7 19.1	-1.19	+ 1.1	2.9/30.3	64196
2005 QL ₇₄	2009 10 29.1	02 13.58 +13 50.4 18.8	-0.93	- 3.3	0.2/29.2	63717
2005 WZ ₁₈	2009 10 29.1	02 13.59 -00 42.9 19.4	-1.01	- 1.0	5.6/25.7	64274

2004 XN ₁₇	2009 10 29.1	02 13.61 +06 51.6 18.5	-0.83	- 2.5	2.6/27.4	63697
1997 TF ₁₂	2009 10 29.1	02 13.63 +17 14.0 20.6	-0.56	- 1.8	0.7/30.2	64145
2008 JC ₃₇	2009 10 29.1	02 13.66 +10 15.9 20.9	-0.99	- 4.5	1.1/28.3	64334
2007 JR ₅	2009 10 29.1	02 13.66 +11 58.7 20.4	-0.74	- 5.9	0.4/28.7	64322
2000 TM ₁	2009 10 29.1	02 13.68 -07 57.1 20.1	-0.86	-10.2	6.6/22.3	40090
2004 BM ₅₀	2009 10 29.1	02 13.68 +22 50.7 19.3	-1.08	- 4.5	4.5/31.6	64214
2009 TY ₁₀	2009 10 29.1	02 13.69 +08 29.2 19.3	-0.83	- 8.5	1.8/27.6	64058
2002 AO ₂₀₀	2009 10 29.1	02 13.73 -07 54.5 19.9	-0.84	- 4.9	6.9/22.8	64179
2005 YK ₁₆₇	2009 10 29.1	02 13.74 +15 49.8 20.5	-0.85	- 5.6	0.9/29.8	62472
2007 EE ₂₁₃	2009 10 29.1	02 13.78 +27 02.4 20.1	-1.10	- 1.9	4.6/01.4	41333
2004 PW ₁₅	2009 10 29.1	02 13.80 +26 13.1 19.3	-1.03	- 2.2	4.8/01.4	64221
2009 TF ₉	2009 10 29.1	02 13.81 +21 51.4 19.5	-0.80	- 6.0	2.6/31.7	64057
2006 AS ₇	2009 10 29.1	02 13.82 -17 47.9 20.4	-0.86	- 0.3	7.8/20.7	01201
2005 UK ₄₄	2009 10 29.1	02 13.82 +10 04.0 19.8	-0.88	- 6.7	1.2/28.2	64261
2007 FQ ₇	2009 10 29.1	02 13.83 +14 10.8 18.8	-0.93	- 5.2	0.3/29.4	64317
2005 OL ₁₄	2009 10 29.1	02 13.85 +17 09.2 19.8	-1.07	- 5.2	1.5/30.2	64245
2008 QN ₄₀	2009 10 29.1	02 13.86 +36 09.4 21.2	-0.72	- 0.6	4.4/04.6	47459
2007 HN ₇	2009 10 29.1	02 13.86 +10 50.1 19.8	-0.85	- 1.3	0.7/28.6	64320
2005 SQ ₁₀₆	2009 10 29.1	02 13.87 +14 30.5 21.0	-1.00	- 5.2	0.4/29.5	62434
2002 CB ₁₂₂	2009 10 29.1	02 13.87 -15 55.1 19.1	-0.76	- 6.0	12.1/18.9	64180
2004 RV ₂₉₈	2009 10 29.1	02 13.87 +20 02.8 20.2	-0.95	- 2.9	2.2/30.9	64227
2007 EV ₁₆₆	2009 10 29.1	02 13.89 +08 20.9 20.4	-0.80	- 5.9	1.5/27.7	63827
2002 TL ₂₁₈	2009 10 29.1	02 13.89 +25 52.0 19.0	-1.06	- 7.8	5.4/01.9	64194
2003 EY ₁₁	2009 10 29.1	02 13.90 +23 55.5 20.1	-1.01	- 3.9	3.5/31.9	64201
2004 DY ₃₅	2009 10 29.1	02 13.92 +07 36.6 20.0	-0.93	- 7.6	2.0/27.5	64215
2004 RP ₁₅₉	2009 10 29.1	02 13.92 +27 20.3 18.7	-0.90	- 5.5	5.2/02.4	64225
2006 ES ₁₉	2009 10 29.1	02 13.92 +13 08.7 20.6	-0.78	- 4.1	0.1/29.1	62482
2007 DS ₅₅	2009 10 29.2	02 13.85 +09 08.8 20.0	-0.99	- 4.0	1.8/28.1	17758
2007 JA ₅	2009 10 29.2	02 13.85 +15 37.5 19.7	-0.73	- 7.4	0.6/29.9	62521
2003 EV ₁₇	2009 10 29.2	02 13.91 +06 38.0 19.5	-0.96	- 3.7	2.5/27.5	64201
2002 GA ₁₃₉	2009 10 29.2	02 13.94 -00 13.4 19.8	-0.58	- 0.5	2.6/25.6	48230
2003 KQ ₁₉	2009 10 29.2	02 13.98 +30 40.2 19.1	-1.16	-16.6	7.4/04.4	74258
2007 DZ ₅₃	2009 10 29.2	02 14.02 -03 25.1 20.9	-0.97	- 4.2	6.6/24.7	38128
2005 UP ₁₅₉	2009 10 29.2	02 14.03 +05 47.8 19.1	-0.98	- 2.2	3.2/27.4	64265
2002 CJ ₆₃	2009 10 29.2	02 14.06 +15 53.0 20.3	-0.93	- 2.5	0.7/29.8	62340
2008 KU ₉	2009 10 29.2	02 14.08 +13 19.6 20.9	-0.92	- 5.9	0.0/29.2	64334
1993 BR ₁₁	2009 10 29.2	02 14.09 +14 52.6 20.9	-1.03	- 4.6	0.5/29.6	64143
2006 BA ₁₂₀	2009 10 29.2	02 14.09 +10 23.0 20.8	-0.77	- 4.9	0.9/28.4	20838
2000 EH ₁₃₈	2009 10 29.2	02 14.11 +15 15.8 21.1	-0.99	- 4.8	0.6/29.7	64153
2008 GJ ₃₇	2009 10 29.2	02 14.12 +09 20.0 21.7	-0.98	- 5.0	1.5/28.2	39055
2002 AK ₁₄₆	2009 10 29.2	02 14.13 +05 33.5 19.3	-0.86	- 4.6	3.2/27.1	64178
2005 PW ₅	2009 10 29.2	02 14.13 +20 19.3 19.4	-1.00	- 5.9	3.0/31.2	64246
2000 SM ₂₃₆	2009 10 29.2	02 14.14 +10 40.9 18.8	-0.83	- 7.3	1.2/28.4	64156
2007 CR ₄₆	2009 10 29.2	02 14.15 +29 16.0 20.9	-0.95	- 4.0	4.3/02.7	47419
2005 LF ₃	2009 10 29.2	02 14.16 -30 28.2 19.9	-1.06	+ 0.6	17.1/18.7	64242
2006 EB ₄₃	2009 10 29.2	02 14.18 +09 36.9 19.7	-0.85	- 1.3	1.1/28.3	64295
2008 RO ₁₅	2009 10 29.2	02 14.19 +08 18.0 20.7	-0.48	- 3.9	0.9/27.7	63863
2005 QQ ₁	2009 10 29.2	02 14.20 +12 36.3 20.1	-1.01	- 6.2	0.4/29.0	64246
2005 YV ₁₂₆	2009 10 29.2	02 14.21 +12 48.7 21.7	-0.80	- 3.6	0.2/29.1	20469
2003 ES ₃₅	2009 10 29.2	02 14.21 +01 44.3 20.8	-0.87	- 5.1	3.8/26.0	62369
2003 EH ₆₃	2009 10 29.2	02 14.21 +08 06.7 20.8	-0.91	- 4.3	1.8/27.9	64202

2001 WD ₆₅	2009 10 29.2	02 14.22 +06 34.6 19.2	-1.08	+ 0.7	2.9/27.9	64172
2005 CN ₇	2009 10 29.2	02 14.25 +07 45.4 18.8	-0.76	-13.0	1.9/27.3	64240
2005 UR ₂₃₂	2009 10 29.2	02 14.26 +06 06.8 20.7	-1.11	+ 0.8	2.8/27.8	64266
2005 WT ₄₈	2009 10 29.2	02 14.27 +27 18.2 19.7	-0.92	- 7.6	4.5/02.6	09454
2001 SH ₂₆₃	2009 10 29.2	02 14.29 +07 37.9 18.4	-0.88	-25.8	2.7/27.0	63617
2007 CL ₆	2009 10 29.2	02 14.32 +05 29.0 19.7	-0.97	- 3.8	3.9/27.2	64305
2008 JG ₃₁	2009 10 29.2	02 14.32 +08 54.5 21.0	-1.02	- 6.6	1.8/28.1	40222
2007 EK ₁₉₇	2009 10 29.2	02 14.33 +14 47.7 21.7	-0.95	- 4.6	0.5/29.6	19447
2003 JD ₃	2009 10 29.3	02 14.27 +13 28.2 20.5	-0.96	- 3.1	0.0/29.3	64204
1997 SS ₂₁	2009 10 29.3	02 14.27 +13 34.1 20.6	-0.52	- 3.0	0.0/29.3	64145
1999 BT ₂	2009 10 29.3	02 14.27 +62 50.4 17.8	-1.89	+ 8.9	24.2/03.0	64148
2004 HT ₇₈	2009 10 29.3	02 14.27 +09 38.1 19.8	-0.57	- 1.4	0.7/28.3	64219
1998 TM ₂₇	2009 10 29.3	02 14.28 +14 54.9 19.8	-0.98	- 2.6	0.7/29.7	64147
2003 TA ₁₉	2009 10 29.3	02 14.29 +06 01.7 19.1	-0.71	- 9.2	2.4/26.9	64211
2003 SH ₂₃	2009 10 29.3	02 14.30 +14 42.9 19.3	-0.75	- 7.1	0.4/29.7	63660
2005 YJ ₁₅₆	2009 10 29.3	02 14.30 +18 51.4 19.8	-0.87	- 5.5	1.9/30.8	64284
2002 EK ₁₆₀	2009 10 29.3	02 14.30 +12 33.5 21.3	-0.50	- 2.8	0.2/29.0	62345
2003 SX ₁₁₅	2009 10 29.3	02 14.31 +29 11.8 17.7	-0.76	-10.2	5.7/03.9	64208
2002 AW ₁₄₄	2009 10 29.3	02 14.35 +03 44.6 18.9	-0.84	- 4.8	4.2/26.6	64178
2005 YE ₁₀₄	2009 10 29.3	02 14.37 +05 11.7 21.4	-0.86	- 3.7	2.7/27.1	63782
2005 UF ₄₆₀	2009 10 29.3	02 14.38 +17 18.8 20.5	-0.93	- 5.3	1.4/30.4	63751
1996 RH ₆	2009 10 29.3	02 14.38 +23 09.0 20.7	-0.57	- 1.9	1.7/01.1	64145
2008 GZ ₄₀	2009 10 29.3	02 14.39 +06 26.0 19.8	-0.99	- 2.9	2.7/27.6	64330
2005 WL ₆₆	2009 10 29.3	02 14.40 +08 35.4 20.1	-0.91	- 3.6	1.7/28.1	58520
2006 BO ₁₇	2009 10 29.3	02 14.41 +27 33.0 20.7	-0.88	- 4.2	4.1/02.4	55209
2008 QG ₂₀	2009 10 29.3	02 14.41 +34 53.8 21.4	-0.93	- 2.7	5.2/04.5	64336
2002 GE ₆₆	2009 10 29.3	02 14.47 +10 03.7 19.4	-0.84	- 3.6	1.1/28.4	64184
2000 SQ ₂₃₁	2009 10 29.3	02 14.47 +34 35.8 18.9	-1.48	+ 5.1	8.1/01.7	64156
2005 YL ₁₄₀	2009 10 29.3	02 14.51 +06 42.3 20.2	-0.87	- 3.3	2.3/27.6	64283
2007 CR ₂₇	2009 10 29.3	02 14.52 +06 14.0 21.2	-1.01	- 5.4	3.2/27.4	18196
2005 YJ ₄₆	2009 10 29.3	02 14.53 +09 53.4 19.6	-0.84	- 4.8	1.3/28.4	64281
2005 WM ₁₆₅	2009 10 29.3	02 14.54 +09 06.2 20.5	-0.91	- 4.1	1.4/28.2	20827
2008 CU ₁₉₉	2009 10 29.3	02 14.56 +27 42.4 18.5	-1.30	+ 0.4	7.4/01.6	64324
2006 BN ₁₄₉	2009 10 29.3	02 14.56 +02 20.8 19.5	-0.79	- 4.1	3.4/26.3	64290
2003 QF ₆₅	2009 10 29.3	02 14.57 -16 04.1 18.5	-0.73	- 2.5	10.9/20.6	64206
2003 UC ₂₇₁	2009 10 29.3	02 14.59 +15 42.4 19.1	-0.98	+ 0.8	0.7/29.8	64212
2005 UA ₆₇	2009 10 29.3	02 14.59 +21 35.0 19.1	-0.84	-13.1	3.3/01.1	64262
2007 DJ ₉₈	2009 10 29.3	02 14.60 +08 49.5 20.3	-0.90	- 5.0	1.7/28.1	20542
2008 RV ₃	2009 10 29.3	02 14.62 +12 30.5 20.7	-0.51	- 3.0	0.2/29.1	64336
2009 TU ₁₄	2009 10 29.3	02 14.63 +08 23.2 19.5	-0.90	- 7.2	2.4/27.9	64060
2007 DL ₂	2009 10 29.3	02 14.67 +30 45.0 20.0	-1.06	- 3.4	6.1/03.0	64307
2002 FP ₃₈	2009 10 29.3	02 14.68 +14 25.6 19.1	-1.03	- 1.3	0.3/29.6	64184
2005 QC ₁₁₇	2009 10 29.3	02 14.72 +20 38.1 20.7	-1.10	- 3.9	3.0/31.2	63718
2004 PE ₅₂	2009 10 29.4	02 14.62 -06 10.7 19.0	-0.82	- 3.4	7.7/24.0	63677
2003 SH ₁₅₈	2009 10 29.4	02 14.63 +16 01.1 18.9	-1.01	+ 0.3	0.9/29.9	64208
2007 JJ ₄₂	2009 10 29.4	02 14.65 -21 10.9 21.7	-0.74	- 2.0	8.0/19.3	21240
2006 DG ₉₈	2009 10 29.4	02 14.67 +11 17.2 21.1	-0.75	- 4.2	0.6/28.8	55217
2005 TO ₆₈	2009 10 29.4	02 14.70 +07 26.9 20.6	-0.96	- 6.2	2.4/27.7	64258
2005 VH ₇	2009 10 29.4	02 14.72 -05 57.2 19.6	-0.90	- 1.3	8.6/24.5	64271
2004 RB ₁₃₀	2009 10 29.4	02 14.73 +12 52.6 20.1	-0.88	- 4.3	0.2/29.3	64224
2004 RM ₂₄₅	2009 10 29.4	02 14.79 +18 23.8 20.0	-0.96	- 2.4	1.7/30.6	64227

2002 GG ₁₄₈	2009 10 29.4	02 14.81 +43 20.6 19.2	-2.20 +17.3	14.9/29.0	64185
2007 CQ ₆₂	2009 10 29.4	02 14.84 +08 51.5 20.6	-0.93 - 7.0	1.7/28.1	40708
2005 UG ₂₆₁	2009 10 29.4	02 14.86 +18 58.8 18.6	-0.82 -12.5	2.2/31.3	63746
2008 HN ₄₉	2009 10 29.4	02 14.86 +19 57.9 20.2	-1.06 - 4.5	2.3/31.1	64332
2009 TD ₁₁	2009 10 29.4	02 14.87 +04 48.6 19.2	-0.76 - 5.3	3.2/26.9	64058
2008 JV ₂₉	2009 10 29.4	02 14.87 +10 26.9 21.9	-0.98 - 5.4	1.1/28.6	41676
2005 YC ₂₇₀	2009 10 29.4	02 14.88 +32 29.4 20.7	-0.87 - 3.7	4.8/03.9	59107
2003 QL ₃₁	2009 10 29.4	02 14.89 +55 52.8 19.8	-1.27 - 1.8	14.0/14.3	57922
2006 DF ₇₃	2009 10 29.4	02 14.90 +20 48.8 20.8	-1.13 - 1.4	2.7/31.1	02293
2006 DN ₇₁	2009 10 29.4	02 14.92 +11 09.0 20.0	-0.81 - 3.1	0.7/28.8	01376
2000 DH ₈₇	2009 10 29.4	02 14.94 +07 24.5 20.9	-0.96 - 4.5	2.0/27.9	64152
2004 XV ₁₆₁	2009 10 29.4	02 14.98 -27 41.0 18.7	-1.02 + 5.7	15.2/20.9	63701
2004 PK ₃₉	2009 10 29.4	02 14.99 -03 53.8 20.1	-0.81 - 6.1	5.8/24.4	60370
2003 EX ₃₆	2009 10 29.4	02 14.99 -07 08.2 21.2	-0.91 - 2.1	6.1/24.3	14023
2008 JP ₂₅	2009 10 29.4	02 14.99 +11 03.4 20.9	-1.01 - 4.4	0.9/28.8	62539
2002 XS ₁₁₅	2009 10 29.4	02 15.00 +15 44.7 19.4	-0.98 - 5.8	1.0/30.1	62364
2003 FG ₄	2009 10 29.4	02 15.01 +06 31.7 22.5	-0.83 - 4.5	1.8/27.6	15765
2002 CU ₂₂₇	2009 10 29.4	02 15.02 +24 00.7 19.7	-0.91 - 6.3	4.1/01.5	64181
2009 TB ₇	2009 10 29.4	02 15.05 +22 13.2 19.0	-0.80 - 6.5	3.1/01.1	64056
2001 XA ₂₁₉	2009 10 29.4	02 15.10 +08 03.6 19.2	-1.09 + 0.2	2.1/28.4	64175
2008 FB ₇₆	2009 10 29.4	02 15.19 +26 28.4 19.8	-1.79 + 9.2	6.7/30.9	64328
2004 RX ₂₄₂	2009 10 29.5	02 15.02 +05 58.0 20.2	-0.83 - 5.3	2.6/27.4	64226
2003 SV ₆₂	2009 10 29.5	02 15.05 -07 22.2 18.8	-0.68 -12.8	7.0/21.7	64207
2004 RC ₂₃₁	2009 10 29.5	02 15.06 +15 25.3 20.2	-0.87 - 4.0	0.6/30.0	64226
2008 EF ₉₅	2009 10 29.5	02 15.07 +04 48.2 20.9	-0.98 - 5.8	3.2/27.2	40201
2006 EQ ₃	2009 10 29.5	02 15.12 +23 23.2 20.9	-0.87 - 2.4	2.9/01.1	64294
2001 PH ₃₁	2009 10 29.5	02 15.12 +45 15.7 19.9	-1.23 - 5.8	10.0/08.7	59663
2009 TO ₅	2009 10 29.5	02 15.12 +12 31.9 19.6	-0.80 - 7.6	0.3/29.2	64056
2007 CC ₇₃	2009 10 29.5	02 15.13 +17 01.8 19.1	-0.95 - 3.4	1.8/30.4	64307
2007 GU ₇₀	2009 10 29.5	02 15.18 +14 51.0 19.7	-0.95 - 2.7	0.5/29.9	64320
2001 US ₁₃	2009 10 29.5	02 15.19 +07 34.4 18.2	-0.75 - 7.4	2.9/27.7	64167
2005 ST ₂₅	2009 10 29.5	02 15.19 +14 07.1 19.5	-1.05 - 1.9	0.2/29.7	64252
2006 DG ₂₅	2009 10 29.5	02 15.21 +16 43.0 20.3	-0.84 - 3.5	1.0/30.4	63794
2002 GC ₁₁₃	2009 10 29.5	02 15.23 +01 06.8 19.3	-0.84 - 2.3	3.8/26.5	64185
2005 UV ₁₀₂	2009 10 29.5	02 15.23 +11 09.8 20.8	-0.89 - 5.5	0.8/28.9	62446
1994 RJ ₈	2009 10 29.5	02 15.27 +18 37.9 19.4	-0.93 - 3.9	2.5/30.9	64143
2001 HV ₁₄	2009 10 29.5	02 15.28 +10 08.5 20.4	-0.98 - 7.4	1.3/28.6	62314
2000 DN ₇₇	2009 10 29.5	02 15.30 +09 57.2 19.9	-0.76 - 3.8	1.0/28.6	64152
2005 US ₁₇	2009 10 29.5	02 15.31 +08 52.2 18.9	-0.82 -10.1	1.8/28.1	64261
2007 FG ₄₅	2009 10 29.5	02 15.32 +10 01.8 20.5	-0.80 - 6.0	1.1/28.5	64317
2004 XF ₇₀	2009 10 29.5	02 15.33 +41 05.0 19.0	-0.93 - 7.0	7.2/07.9	64238
2006 DR ₁₉₈	2009 10 29.5	02 15.34 +15 28.8 20.3	-0.90 - 0.6	0.5/30.0	64294
2007 DB ₉₈	2009 10 29.5	02 15.37 +22 51.8 21.2	-1.02 - 3.2	3.1/31.9	64310
2001 XA ₂₃₄	2009 10 29.5	02 15.38 -11 36.8 18.4	-1.13 + 7.7	12.1/26.4	64175
2006 FC ₄₈	2009 10 29.5	02 15.38 +06 00.8 20.0	-0.80 - 3.0	2.2/27.6	64295
2009 RH ₅₇	2009 10 29.5	02 15.38 +04 58.4 20.5	-0.71 - 7.5	2.5/26.9	63943
2005 SM ₂₅₄	2009 10 29.5	02 15.42 +07 09.7 18.5	-0.89 - 3.8	3.1/27.9	64257
2000 QF ₁₈₆	2009 10 29.5	02 15.42 +24 46.4 19.4	-1.10 - 1.8	4.0/01.3	64154
2007 DR ₅₅	2009 10 29.5	02 15.42 +10 49.4 19.8	-0.92 - 3.5	1.0/28.9	20538
2005 UO ₆₃	2009 10 29.5	02 15.47 +13 25.5 19.6	-0.90 - 6.5	0.1/29.6	64262
2007 AW ₁₇	2009 10 29.5	02 15.50 +21 19.0 20.9	-1.11 - 2.9	3.0/31.5	64303

2005 YP ₂₀₁	2009 10 29.6	02 15.41 +09 10.7 20.0	-0.85 - 3.7	1.5/28.4	62472
2005 WK ₁₁₃	2009 10 29.6	02 15.47 +08 10.8 19.6	-0.91 - 7.6	2.1/28.0	11151
2001 DX ₂₂	2009 10 29.6	02 15.48 +10 03.4 21.9	-0.77 - 3.7	0.9/28.7	02029
2002 US ₂₇	2009 10 29.6	02 15.48 +12 07.5 18.8	-0.85 - 6.6	0.7/29.2	63644
2007 CP ₂₄	2009 10 29.6	02 15.49 +09 34.4 21.1	-0.93 - 5.2	1.3/28.5	41314
2009 TG ₄	2009 10 29.6	02 15.52 +19 13.0 19.8	-0.85 - 4.6	1.9/31.2	64055
2007 HF ₉₀	2009 10 29.6	02 15.53 +06 57.7 20.2	-0.93 - 3.3	2.1/27.9	64322
2005 QU ₁₇₂	2009 10 29.6	02 15.54 +12 02.4 18.6	-0.81 - 9.5	0.7/29.1	64250
2004 TG ₂₁₄	2009 10 29.6	02 15.54 +12 12.2 20.4	-0.83 - 4.7	0.4/29.2	64233
2005 TO ₁₀₇	2009 10 29.6	02 15.55 -04 43.3 19.8	-0.92 - 2.5	6.5/24.8	97861
2006 BZ ₅₈	2009 10 29.6	02 15.56 +23 11.8 19.3	-0.93 - 2.2	3.2/01.1	64288
2005 WE ₂₆	2009 10 29.6	02 15.57 +12 46.6 19.7	-0.97 - 1.9	0.4/29.4	64274
2000 UM ₁₈	2009 10 29.6	02 15.59 +11 23.2 18.6	-1.08 + 1.4	0.9/29.2	64157
2009 TM ₂₁	2009 10 29.6	02 15.60 +05 13.0 19.6	-1.12 - 4.2	3.7/27.7	64063
2002 SO ₃₈	2009 10 29.6	02 15.64 +12 38.3 19.5	-1.06 - 4.2	0.4/29.4	63637
2009 SZ ₄₅	2009 10 29.6	02 15.66 +21 12.4 17.7	-1.23 + 3.7	3.7/31.0	64370
2007 EX ₁₉₇	2009 10 29.6	02 15.68 +03 05.5 20.5	-0.79 -12.7	3.7/26.0	41868
2006 AZ ₆₇	2009 10 29.6	02 15.70 +10 13.8 21.1	-0.75 - 3.8	0.9/28.7	47374
2004 CV ₉₉	2009 10 29.6	02 15.73 +20 58.1 19.7	-0.74 - 1.7	1.8/31.6	63673
2005 NG ₃₄	2009 10 29.6	02 15.78 +07 20.7 20.5	-1.03 - 4.8	2.4/28.1	64244
2006 AP ₂₅	2009 10 29.6	02 15.81 +09 37.3 20.5	-0.85 - 3.6	1.3/28.6	64286
2001 XR ₁₃₂	2009 10 29.6	02 15.81 +16 53.9 18.5	-0.81 - 8.1	1.5/30.7	64174
2005 WM ₇₄	2009 10 29.6	02 15.83 -08 47.0 18.8	-0.79 - 7.7	8.7/22.3	64275
2006 ER ₃₅	2009 10 29.6	02 15.86 +22 40.7 20.6	-0.87 - 1.8	2.6/32.0	64294
2007 ER ₉₇	2009 10 29.6	02 15.87 +13 16.1 21.5	-0.94 - 4.3	0.1/29.6	26257
2007 JR ₃₈	2009 10 29.7	02 15.79 +15 46.7 21.1	-0.92 - 4.4	0.7/30.3	20678
2003 SE ₃₃₀	2009 10 29.7	02 15.81 +23 57.7 20.4	-0.94 - 2.1	3.3/01.4	64210
2004 VE ₅₃	2009 10 29.7	02 15.81 +18 55.9 18.6	-0.76 - 8.9	2.0/31.4	63693
2008 GR ₁₀₃	2009 10 29.7	02 15.82 +06 46.7 20.8	-1.01 - 3.1	2.4/28.1	40212
2006 EC ₄₃	2009 10 29.7	02 15.83 +12 09.3 19.2	-0.95 + 0.7	0.4/29.4	64295
2006 PK ₂₈	2009 10 29.7	02 15.85 -32 57.6 19.0	-1.39 + 9.6	22.9/23.1	64296
2002 AE ₁₂	2009 10 29.7	02 15.87 -07 35.5 21.0	-0.87 - 3.3	6.4/23.9	20757
1998 HU ₄₂	2009 10 29.7	02 15.87 +05 01.1 20.3	-0.86 - 6.4	2.9/27.2	64146
2008 GA ₁₅	2009 10 29.7	02 15.88 +13 41.9 20.4	-1.04 - 5.3	0.0/29.7	64329
2002 UR ₇₀	2009 10 29.7	02 15.89 +04 40.4 19.7	-0.92 - 7.9	3.8/27.1	64195
2005 YJ ₃₂	2009 10 29.7	02 15.93 -02 52.3 20.7	-0.81 - 2.9	5.0/25.3	40158
2002 FQ ₇	2009 10 29.7	02 15.93 -06 28.2 21.3	-0.77 - 4.9	5.5/23.9	48864
2005 YO ₂₄₀	2009 10 29.7	02 15.94 +18 07.0 20.4	-0.90 - 4.0	1.6/30.9	64285
2004 HL ₁₂	2009 10 29.7	02 15.96 +09 50.7 19.4	-0.93 - 7.8	1.5/28.6	64219
2002 CJ ₁₉₂	2009 10 29.7	02 15.97 +08 31.0 20.8	-0.90 - 4.1	1.7/28.4	19571
2007 EN ₁₂₇	2009 10 29.7	02 15.97 +28 50.5 19.9	-1.09 - 1.6	5.5/02.5	22883
2005 VS ₁₂₇	2009 10 29.7	02 15.99 +09 34.0 20.6	-0.94 - 4.6	1.8/28.7	21849
2006 CL ₂₂	2009 10 29.7	02 16.02 +00 32.2 19.9	-0.76 - 5.8	4.3/25.8	64292
2009 TH ₃	2009 10 29.7	02 16.02 +14 46.9 17.8	-0.73 -24.2	0.5/30.2	64053
2001 QX ₉₀	2009 10 29.7	02 16.04 +11 23.5 17.7	-0.91 -28.0	1.0/28.9	64161
2004 TN ₂₈₁	2009 10 29.7	02 16.05 +17 20.5 19.5	-0.91 - 2.8	1.3/30.7	64233
2004 LD ₁	2009 10 29.7	02 16.09 -03 42.7 19.7	-1.07 + 1.6	7.0/26.5	63676
2009 TV ₁₀	2009 10 29.7	02 16.10 +14 56.1 19.4	-0.96 - 2.2	0.7/30.1	64058
2004 DN ₁₅	2009 10 29.7	02 16.13 +06 45.9 19.4	-1.00 - 6.5	2.9/27.9	64215
2005 YT ₂₀	2009 10 29.7	02 16.13 +09 03.6 19.9	-0.85 - 3.7	1.5/28.6	62468
2005 YE ₆₃	2009 10 29.7	02 16.17 +03 22.4 19.8	-0.88 - 2.9	3.6/27.2	64282

2006 DZ ₉₆	2009 10 29.7	02 16.19 +38 51.9 18.9	-1.33 + 4.6	9.5/03.5	64293
2006 DP ₁₄₃	2009 10 29.7	02 16.20 +15 47.6 21.4	-0.83 - 3.7	0.7/30.4	02298
2000 EU ₁₃	2009 10 29.7	02 16.24 +08 41.1 20.1	-1.00 - 4.7	1.8/28.5	40665
2006 CG ₃₃	2009 10 29.7	02 16.24 +11 49.6 19.1	-1.00 - 0.1	0.7/29.4	64292
2005 UA ₁₁₄	2009 10 29.7	02 16.26 -04 35.2 19.5	-1.60 +10.7	8.0/28.1	64263
2004 JV ₄₃	2009 10 29.7	02 16.26 +09 59.1 21.0	-0.98 - 4.1	1.3/28.9	59725
2005 UD ₁₃₂	2009 10 29.8	02 16.17 +05 17.0 19.1	-0.65 -13.8	3.8/26.7	64264
2005 VE ₄₁	2009 10 29.8	02 16.19 +09 16.0 20.9	-0.88 - 5.0	1.5/28.6	20823
2004 CY ₁₀₉	2009 10 29.8	02 16.22 -19 17.0 21.0	-0.92 - 6.3	10.9/19.2	62504
2005 MQ ₁₁	2009 10 29.8	02 16.22 -09 28.6 19.6	-0.54 - 1.5	4.5/23.1	58502
2005 SO ₇₀	2009 10 29.8	02 16.32 +04 33.2 18.6	-0.89 - 2.1	4.5/27.6	63726
2008 FZ ₆₇	2009 10 29.8	02 16.32 +09 25.8 21.2	-1.02 - 6.4	1.6/28.7	39303
2008 SJ ₂₇₇	2009 10 29.8	02 16.33 +26 12.8 20.1	-0.65 - 0.4	2.3/02.2	64338
2005 UE ₄₄₃	2009 10 29.8	02 16.35 +21 34.1 19.4	-0.82 -12.8	3.4/01.6	63750
2004 VK ₃₅	2009 10 29.8	02 16.37 +06 46.8 20.1	-0.84 - 2.7	2.1/28.1	64235
2005 QJ ₃₁	2009 10 29.8	02 16.37 +10 00.7 18.8	-0.82 - 6.0	1.8/28.8	64247
2007 CD ₁₂	2009 10 29.8	02 16.41 +20 14.9 21.2	-0.95 - 4.4	2.1/31.6	64305
2008 RK ₁₄	2009 10 29.8	02 16.45 +21 53.0 20.1	-0.55 - 2.7	1.5/01.3	63863
2007 GK ₅₈	2009 10 29.8	02 16.46 +05 36.3 20.8	-0.73 - 5.5	2.4/27.5	64319
2005 QH ₁₅₅	2009 10 29.8	02 16.49 +00 21.4 20.4	-0.98 - 4.1	5.2/26.5	62429
2002 RJ ₉	2009 10 29.8	02 16.50 +02 55.0 19.4	-0.94 - 6.8	4.9/26.9	63632
2009 SR ₇₀	2009 10 29.8	02 16.50 +02 39.5 19.1	-0.81 - 8.8	5.5/26.4	63969
1998 SD ₉₅	2009 10 29.8	02 16.51 +08 28.8 18.6	-0.95 - 1.6	2.7/28.7	63601
2005 NG ₄₃	2009 10 29.8	02 16.53 +06 10.5 20.6	-0.99 - 5.9	2.9/27.9	64244
2004 PP ₃₇	2009 10 29.8	02 16.55 -02 32.2 20.0	-0.84 - 5.4	5.4/25.4	59727
2003 SS ₄₅	2009 10 29.8	02 16.55 +31 11.0 19.1	-1.14 + 1.7	5.5/02.6	02163
2006 BR ₆₆	2009 10 29.8	02 16.64 +27 15.4 21.4	-0.84 - 3.4	3.5/02.7	53467
2006 BU ₈₁	2009 10 29.9	02 16.56 -03 11.3 20.3	-0.74 - 4.4	5.0/25.0	64289
2007 GH ₁₈	2009 10 29.9	02 16.57 -03 23.0 20.9	-0.93 - 1.5	5.1/25.7	20863
2008 FZ ₆₉	2009 10 29.9	02 16.58 +11 31.0 18.5	-1.10 + 0.7	0.9/29.5	64328
2005 QT ₁₄₃	2009 10 29.9	02 16.60 +19 57.1 21.0	-1.11 - 4.7	2.4/31.5	64250
2003 OK ₂₆	2009 10 29.9	02 16.61 +19 11.4 18.5	-0.81 - 5.5	2.0/31.5	64205
2008 HO ₁₅	2009 10 29.9	02 16.62 +04 46.3 21.6	-0.90 - 4.9	2.9/27.5	41643
2002 EB ₈₂	2009 10 29.9	02 16.64 +18 56.1 19.8	-0.91 - 3.7	1.8/31.3	64183
2007 EU ₁₃₂	2009 10 29.9	02 16.66 +14 36.5 20.2	-1.00 - 4.4	0.4/30.2	64314
2006 AD ₇₉	2009 10 29.9	02 16.68 -05 12.7 20.1	-0.79 - 3.7	6.3/24.7	64287
2003 QU ₁₁₂	2009 10 29.9	02 16.70 +22 30.5 19.7	-0.82 -11.3	2.8/02.0	64206
2004 VK ₆₇	2009 10 29.9	02 16.70 +14 03.2 19.5	-0.83 - 3.9	0.1/30.0	63694
2001 UC ₁₇₁	2009 10 29.9	02 16.79 +15 49.3 18.8	-0.98 + 0.2	1.1/30.4	64168
2007 HG ₄₈	2009 10 29.9	02 16.82 +09 33.8 20.2	-0.82 - 2.1	1.1/28.9	64321
2005 QE ₁₁₁	2009 10 29.9	02 16.83 +23 29.0 19.7	-1.07 - 2.0	4.4/01.3	64249
1999 XJ ₁₄₆	2009 10 29.9	02 16.87 +13 35.7 20.9	-1.04 - 5.8	0.0/29.9	64150
2005 WO ₁₅	2009 10 29.9	02 16.88 +13 36.5 18.9	-0.89 - 4.4	0.0/29.9	63759
2007 EN ₅₂	2009 10 29.9	02 16.90 +10 39.0 21.9	-0.84 - 5.5	0.8/29.1	20853
2004 QQ ₃	2009 10 29.9	02 16.91 +31 55.3 20.5	-1.01 - 4.1	5.4/04.2	64222
1995 MU ₆	2009 10 29.9	02 16.92 +03 55.8 20.6	-0.89 - 6.0	3.6/27.3	64144
2005 XA ₄₃	2009 10 29.9	02 16.97 +28 46.2 19.6	-0.98 - 9.8	5.9/04.0	63776
2003 HP ₁₁	2009 10 29.9	02 16.99 +01 43.3 20.1	-0.94 - 2.9	3.8/27.0	62371
2009 ST ₃₃₇	2009 10 29.9	02 17.01 +09 11.7 18.0	-0.89 - 0.1	1.8/29.0	64050
2005 SH ₂₇₁	2009 10 29.9	02 17.02 +10 54.5 21.3	-0.94 - 6.6	1.0/29.2	62438
2002 SD ₁₈	2009 10 29.9	02 17.04 +09 01.9 19.6	-0.97 - 7.1	2.0/28.7	64192

2007 ES ₂₁₇	2009 10 29.9	02 17.04 +15 55.0 21.4	-0.95 - 3.8	0.8/30.6	37614
1995 QB ₄	2009 10 30.0	02 16.95 +30 11.4 20.4	-1.05 - 1.8	5.4/03.2	64144
2005 PT ₁₆	2009 10 30.0	02 16.97 +14 45.9 19.8	-1.03 - 5.2	0.4/30.3	64246
2005 VR ₆₉	2009 10 30.0	02 16.98 +06 52.6 20.1	-0.93 - 2.9	2.9/28.3	96392
2004 CH ₈₄	2009 10 30.0	02 17.00 +11 24.7 20.6	-0.63 - 3.2	0.5/29.4	62384
2005 QL ₅₈	2009 10 30.0	02 17.01 +13 01.5 19.9	-0.89 - 3.1	0.4/29.8	90230
2004 QS ₁₃	2009 10 30.0	02 17.02 +13 39.6 19.4	-1.01 0.0	0.0/30.0	63679
2002 TS ₁₂₉	2009 10 30.0	02 17.05 +20 31.4 17.9	-0.72 - 9.3	3.6/01.3	41815
2002 RY ₂₆₉	2009 10 30.0	02 17.07 +04 58.7 21.3	-1.02 - 6.0	3.5/27.7	35823
2007 ER ₁₃₅	2009 10 30.0	02 17.08 +08 20.9 20.5	-0.83 - 5.7	1.8/28.5	37614
2007 FC ₁₁	2009 10 30.0	02 17.13 +16 17.1 20.9	-0.81 - 6.5	0.8/30.8	20859
2003 BJ ₆₉	2009 10 30.0	02 17.15 +07 40.6 19.6	-0.95 - 5.1	2.6/28.4	64200
2007 HV ₉₄	2009 10 30.0	02 17.17 +11 08.6 19.6	-0.87 - 5.4	1.0/29.3	64322
2004 DN ₆₁	2009 10 30.0	02 17.22 +15 41.8 20.8	-0.66 - 3.2	0.4/30.6	63674
2005 RE ₁₇	2009 10 30.0	02 17.26 +10 47.7 19.8	-1.03 - 3.9	1.2/29.3	64251
2006 BV ₁₅₈	2009 10 30.0	02 17.29 +07 32.6 20.4	-0.81 - 3.9	2.0/28.4	64290
2009 QO ₅₀	2009 10 30.0	02 17.31 +15 31.5 19.1	-1.05 + 0.3	0.6/30.5	63919
2005 XN ₂₅	2009 10 30.0	02 17.31 +10 54.3 18.6	-0.95 - 2.2	1.2/29.4	64279
2004 JR ₃₁	2009 10 30.0	02 17.34 +07 29.5 20.7	-0.97 - 3.6	2.1/28.5	64220
2007 BR ₅₄	2009 10 30.0	02 17.34 +10 18.2 19.1	-1.03 - 2.5	1.6/29.3	64304
2005 XJ ₅₇	2009 10 30.0	02 17.35 -08 16.6 19.7	-0.79 -11.0	7.8/22.4	64279
2002 LN ₆	2009 10 30.0	02 17.35 -10 39.5 20.1	-0.82 - 0.8	6.7/24.1	20767
2005 WG ₂₀₃	2009 10 30.1	02 17.35 +06 12.8 19.5	-0.92 - 2.0	3.0/28.3	63774
2007 BO ₁₄	2009 10 30.1	02 17.39 +19 51.5 20.8	-1.00 - 4.2	2.0/31.7	64303
2008 GP ₁₂₀	2009 10 30.1	02 17.41 +09 16.6 19.2	-1.12 - 1.2	1.9/29.2	64331
2007 DK ₂₈	2009 10 30.1	02 17.42 +03 02.9 21.4	-0.86 - 4.8	3.5/27.2	62505
2002 QQ ₁₀₇	2009 10 30.1	02 17.43 +07 34.8 20.6	-0.97 - 7.0	2.8/28.4	63630
2006 YR ₉	2009 10 30.1	02 17.44 +19 16.8 20.4	-1.08 - 5.3	2.2/31.6	64301
2005 UN ₁₅₆	2009 10 30.1	02 17.48 +14 01.0 19.9	-0.99 - 3.9	0.1/30.2	64265
2005 LQ ₂	2009 10 30.1	02 17.49 +21 45.0 20.2	-0.53 - 5.7	1.5/01.7	63706
1995 DV ₆	2009 10 30.1	02 17.54 +18 18.8 20.3	-1.00 - 3.4	1.6/31.3	64144
2002 XR ₉₀	2009 10 30.1	02 17.58 +14 03.7 19.1	-0.91 - 6.1	0.1/30.2	63652
2009 SX ₇₀	2009 10 30.1	02 17.64 +06 53.4 20.2	-0.50 - 3.5	1.3/28.1	64374
2005 EN ₂₁₀	2009 10 30.1	02 17.64 +23 27.6 21.2	-0.68 - 2.2	2.0/01.8	56976
2003 OS ₂₀	2009 10 30.1	02 17.68 +01 00.7 19.1	-0.86 - 1.7	4.2/27.1	64205
2004 AN ₅	2009 10 30.1	02 17.71 +21 16.8 19.3	-1.08 - 6.0	3.3/01.2	64214
2004 RU ₂₀₄	2009 10 30.1	02 17.71 +21 28.0 20.3	-0.89 - 5.3	2.8/01.3	64226
2007 EX ₈₉	2009 10 30.1	02 17.72 +04 58.0 19.6	-0.90 - 6.9	3.7/27.6	63824
2001 XH ₄	2009 10 30.1	02 17.73 -15 28.1 20.4	-1.24 + 2.9	10.1/24.0	00092
2005 SP ₂₆₁	2009 10 30.1	02 17.74 +11 23.3 20.4	-0.98 - 5.7	0.9/29.5	62438
2006 AO ₂₇	2009 10 30.1	02 17.75 +13 22.5 19.9	-0.81 - 4.9	0.1/30.1	64286
2002 JU ₉₁	2009 10 30.1	02 17.75 +14 54.0 19.0	-0.79 - 5.4	0.3/30.5	64185
2007 GX ₁₇	2009 10 30.1	02 17.78 +20 48.9 20.5	-0.93 - 0.4	1.9/31.8	64318
2007 GY ₁₁	2009 10 30.1	02 17.78 +02 11.5 19.7	-0.96 - 4.6	4.9/27.1	62518
2006 WJ ₁₈₄	2009 10 30.1	02 17.83 +18 24.0 20.1	-1.09 - 4.3	1.8/31.3	60881
2002 JD ₁₃₈	2009 10 30.1	02 17.83 +14 31.4 20.3	-1.09 - 7.0	0.3/30.4	64186
2002 VO ₈₉	2009 10 30.1	02 17.83 +27 53.0 19.3	-1.50 + 4.1	5.7/01.3	21789
2005 VF ₁₀₉	2009 10 30.2	02 17.73 +13 20.1 20.4	-0.97 - 4.1	0.2/30.1	64273
1998 RB ₅₁	2009 10 30.2	02 17.75 +28 14.7 19.1	-0.94 - 2.1	5.1/03.0	64146
2005 SV ₂₅₃	2009 10 30.2	02 17.75 +01 53.4 19.9	-0.94 - 5.5	4.8/27.0	62438
2004 TZ ₁₄₃	2009 10 30.2	02 17.77 +13 26.5 19.7	-0.86 - 3.6	0.1/30.1	64231

1998 DS ₁₆	2009 10 30.2	02 17.79 +21 11.3 19.9	-0.97	- 5.6	2.8/01.2	64146	2003 ST ₃₃₈	2009 10 30.3	02 18.58 +15 37.9 21.3	-0.85	- 1.7	0.5/30.8	64210
2005 UG ₃₅₈	2009 10 30.2	02 17.82 +14 46.1 20.6	-0.93	- 6.8	0.4/30.5	18148	2001 QJ ₂₀₀	2009 10 30.3	02 18.60 +09 58.1 18.2	-0.95	-25.3	1.8/28.9	64162
2005 UA ₁₂₉	2009 10 30.2	02 17.82 +15 33.0 20.2	-0.91	- 6.1	0.7/30.7	19661	2003 KH ₄	2009 10 30.3	02 18.61 -18 08.2 20.2	-1.60	+ 8.5	15.6/26.4	95006
2004 RL ₁₁₆	2009 10 30.2	02 17.84 +06 25.2 18.8	-0.88	- 2.9	2.7/28.4	64224	2005 NR ₁₂₃	2009 10 30.4	02 18.53 +18 09.8 19.3	-0.95	- 5.6	1.9/31.6	64245
2005 PO ₂	2009 10 30.2	02 17.85 +21 22.5 20.1	-1.10	- 5.3	2.9/01.2	64246	2001 HD ₃	2009 10 30.4	02 18.53 +13 26.8 20.3	-1.08	- 3.4	0.1/30.3	64160
2001 DG ₄₁	2009 10 30.2	02 17.86 -12 30.2 20.6	-0.93	- 8.2	8.4/22.1	39147	2000 SW ₁₃₈	2009 10 30.4	02 18.55 +23 59.4 19.4	-1.08	- 2.5	3.9/01.9	63612
2005 UP ₁₆₁	2009 10 30.2	02 17.88 -02 05.4 19.4	-0.92	- 3.2	5.5/26.2	64265	2009 RF ₂	2009 10 30.4	02 18.58 +13 34.7 17.5	-1.18	+ 4.6	0.1/30.4	63923
2004 RH ₃₂₄	2009 10 30.2	02 17.89 +05 10.5 19.4	-0.84	- 4.2	3.2/27.9	64227	2007 GS ₃₃	2009 10 30.4	02 18.60 +11 57.2 20.8	-0.76	- 4.9	0.5/29.9	43279
2008 EQ ₁₄₇	2009 10 30.2	02 17.90 +12 52.1 20.6	-1.05	- 5.4	0.4/30.0	64326	2004 GP ₈₇	2009 10 30.4	02 18.61 +02 12.3 19.7	-1.02	- 3.1	4.5/27.6	62391
2005 VT ₉₁	2009 10 30.2	02 17.90 +07 55.9 20.3	-1.08	0.0	2.2/29.0	63757	2008 FZ ₁₀₄	2009 10 30.4	02 18.61 +09 42.8 21.4	-0.95	- 6.1	1.4/29.3	40207
2002 CW ₁₆₀	2009 10 30.2	02 17.90 +31 27.6 19.5	-1.11	- 1.5	6.6/03.5	64181	2005 UP ₂₁₅	2009 10 30.4	02 18.61 +13 53.3 17.5	-0.83	- 9.1	0.0/30.4	64266
2008 DM ₆₈	2009 10 30.2	02 17.93 +06 18.6 21.2	-1.00	- 6.8	2.9/28.2	64325	2005 YD ₈₈	2009 10 30.4	02 18.68 +20 38.5 20.5	-0.88	- 4.8	2.8/01.3	63782
2003 QU ₁₁₄	2009 10 30.2	02 17.94 -01 40.0 20.1	-0.74	- 6.7	4.6/25.6	62374	2000 DB ₉₇	2009 10 30.4	02 18.69 -23 03.0 21.0	-0.72	- 4.3	9.0/18.0	93806
2005 UQ ₂₄	2009 10 30.2	02 17.94 +16 19.6 20.1	-0.97	- 4.7	0.9/30.9	64261	2002 CM ₂₂	2009 10 30.4	02 18.71 +35 47.9 21.1	-1.01	- 3.0	5.9/05.4	47199
2005 UV ₂₃₈	2009 10 30.2	02 17.96 -01 45.3 19.5	-1.05	+ 1.0	6.0/27.0	64267	2004 RY ₉₆	2009 10 30.4	02 18.72 +27 15.9 18.7	-0.89	- 5.6	5.3/03.4	64224
2007 FR ₁₅	2009 10 30.2	02 17.96 +31 21.9 20.5	-0.98	- 3.2	5.1/04.1	22885	2004 LL ₂₀	2009 10 30.4	02 18.74 +03 32.3 20.2	-0.89	- 5.9	3.6/27.6	64220
2005 YM ₂₀₀	2009 10 30.2	02 17.98 +09 46.6 20.7	-0.83	- 3.6	1.3/29.2	20833	2005 JY ₂₈	2009 10 30.4	02 18.74 -00 01.8 20.2	-0.52	- 2.7	2.7/26.4	64241
2002 VS ₁₄₆	2009 10 30.2	02 18.01 +13 16.9 19.4	-1.01	- 5.6	0.2/30.1	64197	2005 UJ ₂₉₇	2009 10 30.4	02 18.78 +14 29.5 19.8	-0.92	- 5.5	0.2/30.6	64268
2003 AM ₅₆	2009 10 30.2	02 18.04 +23 03.6 20.3	-1.07	- 4.1	3.6/01.6	64200	2006 XO ₃₈	2009 10 30.4	02 18.78 +13 28.7 19.5	-1.02	- 3.3	0.2/30.4	64301
2005 LZ	2009 10 30.2	02 18.05 +24 09.6 20.4	-1.16	- 5.4	4.2/02.0	11104	2002 YO ₈	2009 10 30.4	02 18.81 +04 33.1 18.6	-0.97	- 3.8	4.3/28.1	64199
2006 DK ₄₄	2009 10 30.2	02 18.09 +16 05.5 20.4	-0.78	- 4.4	0.6/30.9	64293	2004 RC ₉₉	2009 10 30.4	02 18.83 +02 52.0 20.3	-0.81	- 7.3	3.9/27.2	62398
2007 EN ₉₉	2009 10 30.2	02 18.09 +10 45.1 19.9	-0.87	- 5.0	1.2/29.4	64313	2003 SB ₁₁	2009 10 30.4	02 18.83 +20 32.7 19.3	-0.89	- 1.9	2.1/01.1	64206
2005 UL ₅₁₂	2009 10 30.2	02 18.10 +08 43.8 20.2	-1.04	- 1.1	1.9/29.2	64271	2001 SD ₂₅₅	2009 10 30.4	02 18.85 +11 08.1 19.8	-0.68	- 4.5	0.7/29.7	62320
2002 EJ ₉₃	2009 10 30.2	02 18.13 +28 43.1 19.0	-1.11	- 0.4	5.9/02.6	64183	2008 HT ₃₃	2009 10 30.4	02 18.87 +00 30.1 20.0	-0.98	- 4.1	5.1/27.1	63856
2007 DG ₁₁₃	2009 10 30.2	02 18.13 -08 12.8 21.7	-0.88	- 2.5	6.1/24.5	41864	2008 KW ₃₈	2009 10 30.4	02 18.91 +07 46.6 20.7	-0.93	- 3.5	2.2/29.0	63860
2007 HE ₆₄	2009 10 30.2	02 18.14 +09 44.0 20.2	-0.87	- 2.7	1.3/29.3	21365	2005 SS ₂₇₈	2009 10 30.4	02 18.95 +15 12.5 20.7	-0.98	- 4.9	0.5/30.8	19655
2005 UY ₃₅₇	2009 10 30.2	02 18.16 +22 36.3 20.0	-1.07	- 3.5	3.2/01.5	64269	2009 UU ₄	2009 10 30.4	02 18.96 +18 20.7 20.5	-0.94	- 5.8	1.8/31.7	64070
2008 HG ₄₀	2009 10 30.2	02 18.18 +14 49.4 20.9	-1.05	- 5.0	0.4/30.6	64332	2007 DH ₂₆	2009 10 30.4	02 18.97 +08 26.3 21.0	-0.97	- 4.8	2.0/29.1	19702
2001 UB ₈₃	2009 10 30.3	02 18.18 +09 12.4 18.5	-0.72	- 9.9	2.2/28.8	64167	2006 WA ₂₀₄	2009 10 30.5	02 18.89 +26 32.6 19.9	-1.03	- 6.0	5.9/03.1	64300
2005 QS ₁₅₃	2009 10 30.3	02 18.23 +07 59.9 19.6	-1.04	- 1.3	2.5/29.0	63720	2003 BO ₆₅	2009 10 30.5	02 18.91 +18 55.9 18.9	-0.96	- 5.6	2.2/31.9	64200
2004 EJ ₁₃	2009 10 30.3	02 18.27 +15 56.9 19.6	-1.10	- 2.5	0.8/30.8	64216	2005 UP ₁₆₉	2009 10 30.5	02 18.94 +14 28.8 19.3	-1.06	- 1.0	0.3/30.6	64265
2001 VV ₄₂	2009 10 30.3	02 18.28 +22 06.4 18.0	-0.89	- 7.2	3.4/01.8	64169	2008 LB ₁₆	2009 10 30.5	02 18.94 -04 30.6 19.7	-1.00	+ 0.4	7.3/26.7	63861
2002 CJ ₂₉	2009 10 30.3	02 18.32 +32 24.6 20.2	-1.06	- 2.6	6.1/04.1	69172	2005 UB ₂₄₂	2009 10 30.5	02 18.96 +16 12.2 20.1	-0.99	- 2.3	0.9/31.1	64267
2009 RV ₂₅	2009 10 30.3	02 18.32 +06 35.7 20.5	-0.49	- 3.9	1.3/28.2	64356	2005 RH ₁	2009 10 30.5	02 18.96 +23 12.2 19.1	-1.04	- 2.1	4.6/01.8	63721
2007 DO ₃₇	2009 10 30.3	02 18.32 +19 58.7 20.3	-1.04	- 3.9	2.4/31.9	64308	2005 QM ₁₅₅	2009 10 30.5	02 18.97 -01 00.8 20.2	-0.98	- 3.5	5.9/26.8	40139
2008 LH ₁₇	2009 10 30.3	02 18.34 +07 27.6 22.4	-0.94	- 5.4	2.1/28.7	41699	2005 YD ₂₀₃	2009 10 30.5	02 18.97 +05 19.1 20.5	-0.86	- 4.4	2.8/28.2	64285
2003 HF ₁₇	2009 10 30.3	02 18.37 +09 06.4 20.7	-0.86	- 5.5	1.5/29.0	60786	2008 GR ₆₀	2009 10 30.5	02 18.97 +07 20.0 19.8	-1.07	- 3.0	2.5/29.0	59133
2001 FL ₁₂₃	2009 10 30.3	02 18.40 +04 06.6 20.0	-0.71	- 7.1	2.7/27.4	64159	2005 PK ₁₅	2009 10 30.5	02 18.99 +08 58.7 19.6	-0.98	- 3.9	2.2/29.3	63713
2004 XC ₅₆	2009 10 30.3	02 18.41 +18 06.3 18.9	-0.80	- 5.6	1.5/31.6	63698	2005 VW ₆₅	2009 10 30.5	02 19.00 +08 02.6 20.4	-1.04	- 0.5	2.4/29.3	64272
2009 UW ₁₁	2009 10 30.3	02 18.42 +04 08.8 19.5	-0.88	- 1.2	3.1/28.1	64071	2000 WH ₃₀	2009 10 30.5	02 19.01 -04 53.7 19.0	-1.00	+ 2.3	7.7/26.8	63615
2005 QD ₁₄₁	2009 10 30.3	02 18.43 +05 00.4 20.3	-0.96	- 5.3	3.4/28.0	64250	2002 FW ₃	2009 10 30.5	02 19.03 -07 06.1 20.0	-0.78	- 5.1	6.2/24.4	64184
2000 AH ₁	2009 10 30.3	02 18.45 +49 58.4 19.8	-0.73	- 2.3	6.0/11.7	24300	2004 GC ₈₇	2009 10 30.5	02 19.04 +25 00.3 20.6	-1.04	- 5.3	3.9/02.6	64218
2001 VM ₉₃	2009 10 30.3	02 18.45 -11 11.7 18.6	-0.95	+ 0.2	11.6/23.9	62328	2007 GZ ₃	2009 10 30.5	02 19.06 +09 14.8 19.8	-0.82	- 1.8	1.3/29.4	62517
2006 BC ₁₆₃	2009 10 30.3	02 18.45 +10 15.4 20.1	-0.81	- 4.2	1.2/29.4	18175	2006 BZ ₂₆₄	2009 10 30.5	02 19.09 +26 03.8 20.6	-0.86	- 2.6	3.4/02.8	64291
1998 VM ₄₃	2009 10 30.3	02 18.45 +11 05.1 19.9	-0.96	- 4.2	1.2/29.7	64147	2005 YF ₂₃	2009 10 30.5	02 19.10 +09 03.5 20.4	-0.84	- 3.8	1.6/29.3	20829
2003 SZ ₂₀₂	2009 10 30.3	02 18.49 +24 30.2 19.0	-0.94	- 0.7	3.9/01.9	64209	2003 SP ₂₇₃	2009 10 30.5	02 19.11 +32 59.5 19.2	-0.90	- 6.7	6.7/05.8	64209
2007 GC ₁	2009 10 30.3	02 18.50 -06 11.9 20.3	-0.85	- 4.6	6.0/24.6	64318	2006 DV ₁₅₇	2009 10 30.5	02 19.11 -01 49.4 20.3	-0.73	- 5.4	4.9/25.9	58526
2002 TB ₁₉	2009 10 30.3	02 18.52 +18 57.2 20.0	-1.15	- 4.2	2.1/31.6	64193	2004 PF ₆₉	2009 10 30.5	02 19.13 +07 22.4 19.8	-0.88	- 4.1	2.4/28.9	63678
2001 RP ₂₂	2009 10 30.3	02 18.53 +12 09.0 19.4	-0.90	- 5.4	0.8/29.9	64162	2004 GU ₁₂	2009 10 30.5	02 19.13 +05 21.3 20.4	-1.03	- 1.7	2.8/28.6	62390
2008 LF ₁₃	2009 10 30.3	02 18.54 +09 05.5 21.9	-0.99	- 5.0	1.6/29.2	41696	2003 ST ₂₈₆	2009 10 30.5	02 19.15 +15 08.4 19.2	-0.92	- 0.3	0.4/30.8	63666
2005 OK ₂₀	2009 10 30.3	02 18.57 +09 05.5 20.0	-1.00	- 4.3	2.0/29.2	38881	2001 YQ ₉₈	2009 10 30.5	02 19.15 +04 51.6 20.0	-0.95	- 3.3	3.6/28.3	62335

2001 XH ₂₀₄	2009 10 30.5	02 19.16 +25 37.8 19.0	-0.96	- 5.2	4.9/02.8	64174
1998 QU ₄	2009 10 30.5	02 19.18 +25 50.0 18.4	-0.87	- 4.8	4.1/03.0	64146
2002 CE ₁₉₈	2009 10 30.5	02 19.20 +20 22.1 19.8	-0.94	- 3.9	2.4/01.3	64181
2004 FU ₁₀₇	2009 10 30.5	02 19.24 +15 16.4 20.3	-1.05	- 2.3	0.5/30.9	64218
2002 BA ₁₉	2009 10 30.5	02 19.24 -06 57.4 20.7	-0.94	- 2.3	6.8/25.1	58804
2005 WR ₇₄	2009 10 30.5	02 19.25 -12 30.1 19.0	-0.88	- 2.9	9.6/23.2	64275
2007 HJ ₁₃	2009 10 30.5	02 19.28 +10 44.2 21.1	-0.83	- 1.8	0.8/29.8	38131
2001 TB ₉₇	2009 10 30.5	02 19.31 +16 56.2 19.2	-0.95	- 5.6	1.1/31.4	64166
2007 DL ₇₄	2009 10 30.5	02 19.32 +21 16.4 19.6	-1.00	- 3.3	2.9/01.5	64309
1998 XU ₆	2009 10 30.5	02 19.33 +04 46.4 19.4	-1.04	- 0.8	4.0/28.6	64148
2005 UL ₅₁₁	2009 10 30.5	02 19.34 +15 23.0 20.3	-0.94	- 4.6	0.5/31.0	61980
2007 AA ₂₄	2009 10 30.5	02 19.34 +10 11.9 20.1	-0.99	- 6.0	1.5/29.6	62032
2007 ED ₃	2009 10 30.5	02 19.36 -00 46.6 20.6	-0.90	- 7.6	5.3/26.2	62509
2007 BQ ₂₀	2009 10 30.5	02 19.37 +06 48.5 20.7	-0.95	- 6.2	2.5/28.6	19695
2000 EC ₁₂₆	2009 10 30.5	02 19.39 +16 11.0 20.1	-1.09	- 3.0	0.8/31.1	62304
2003 QE ₃₅	2009 10 30.6	02 19.28 +27 41.6 18.8	-0.92	- 2.2	5.5/03.3	64205
1999 TD ₅₂	2009 10 30.6	02 19.29 +21 13.3 20.6	-0.95	- 1.9	2.3/01.4	64148
2006 BR ₁₆₃	2009 10 30.6	02 19.30 +30 37.5 21.3	-0.88	- 3.3	4.5/04.3	41842
2008 FU ₁₁₁	2009 10 30.6	02 19.30 +04 11.1 20.8	-0.98	- 5.3	3.6/28.1	62531
2002 QK ₁₁₅	2009 10 30.6	02 19.31 +21 57.9 20.2	-1.06	- 4.0	3.9/01.7	63631
2002 CQ ₂₂₀	2009 10 30.6	02 19.33 +35 24.1 18.6	-1.23	+ 3.0	9.7/03.8	64181
2004 PR ₆	2009 10 30.6	02 19.37 +34 25.6 20.2	-1.06	- 4.2	6.4/05.5	60805
2004 FU ₈₀	2009 10 30.6	02 19.37 +06 00.8 20.4	-0.97	- 4.2	2.5/28.6	62389
2004 BR ₈₁	2009 10 30.6	02 19.38 -01 23.2 20.3	-0.63	- 2.3	3.3/26.4	77771
2007 GV ₅₂	2009 10 30.6	02 19.39 +10 17.9 20.7	-0.75	- 6.3	1.0/29.6	62519
2003 SW ₁₄₄	2009 10 30.6	02 19.40 +33 37.8 19.4	-0.87	- 6.1	5.5/05.9	64208
2005 QX ₂₃	2009 10 30.6	02 19.45 +15 11.3 19.5	-1.02	- 3.2	0.6/30.9	64247
2007 DV ₃₇	2009 10 30.6	02 19.46 +15 06.9 19.2	-0.99	- 4.8	0.5/30.9	64308
2005 SG ₂₀₀	2009 10 30.6	02 19.47 +13 54.3 20.6	-1.01	- 4.1	0.0/30.6	64256
2004 RH ₁₂₈	2009 10 30.6	02 19.48 +09 12.9 20.4	-0.85	- 5.4	1.5/29.3	20798
2007 GR ₁₀	2009 10 30.6	02 19.49 +06 30.4 19.7	-0.87	- 3.6	2.7/28.7	64318
2007 HZ ₂₇	2009 10 30.6	02 19.50 +12 39.1 20.2	-0.75	- 5.0	0.3/30.3	64320
2005 YL ₁₃₈	2009 10 30.6	02 19.52 +11 57.3 20.2	-0.87	- 3.5	0.7/30.1	62471
2002 LQ ₅	2009 10 30.6	02 19.59 -03 24.8 19.5	-0.82	- 1.6	5.4/26.4	64186
2005 WF ₆₈	2009 10 30.6	02 19.62 +27 21.6 18.0	-0.85	-11.2	5.6/04.3	97991
2009 SD ₁₇₀	2009 10 30.6	02 19.63 +15 12.6 19.2	-1.00	- 2.0	0.6/31.0	64004
2007 CC ₅₉	2009 10 30.6	02 19.67 +14 38.7 19.4	-0.93	- 8.2	0.3/30.9	64307
2002 GP ₁₂₈	2009 10 30.6	02 19.68 +25 00.3 19.2	-0.99	- 2.1	3.6/03.0	64185
2005 UO ₄₂₁	2009 10 30.6	02 19.68 +15 50.9 20.5	-0.96	- 5.3	0.7/31.2	62454
2005 UC ₅₉	2009 10 30.6	02 19.71 +17 06.4 19.2	-0.90	- 6.4	1.3/31.6	64262
1995 FK ₅	2009 10 30.6	02 19.71 +13 33.8 20.0	-0.98	- 3.5	0.1/30.6	64144
2005 WO ₁₆₆	2009 10 30.6	02 19.71 +16 04.5 19.2	-0.87	- 5.4	1.0/31.3	64277
2008 FX ₆₅	2009 10 30.6	02 19.75 +11 49.4 20.6	-1.09	- 4.1	0.8/30.2	62530
2001 UP ₁₃₉	2009 10 30.7	02 19.68 +14 08.0 19.2	-1.00	- 2.6	0.1/30.7	64168
2008 KY ₂₈	2009 10 30.7	02 19.70 -23 40.5 19.4	-0.84	- 0.7	14.1/20.0	64334
2002 EN ₁₁₀	2009 10 30.7	02 19.77 +13 53.1 19.6	-0.94	- 2.2	0.0/30.7	64183
2005 VB ₇₅	2009 10 30.7	02 19.77 +13 04.6 18.8	-0.96	- 0.2	0.4/30.5	64272
2007 ET ₁₁₄	2009 10 30.7	02 19.77 +03 37.3 20.3	-0.75	- 6.3	3.1/27.7	63825
2003 DU ₃	2009 10 30.7	02 19.77 +18 10.3 20.1	-1.02	- 4.0	1.6/31.8	64201
2008 JN ₁₈	2009 10 30.7	02 19.78 +12 13.9 20.9	-0.96	- 8.8	0.6/30.2	40771
2005 YT ₂₁₇	2009 10 30.7	02 19.79 +18 07.4 19.2	-0.92	- 4.7	1.6/31.8	64285

2006 YH ₁₉	2009 10 30.7	02 19.80 +12 46.1 20.8	-1.00	- 3.8	0.4/30.4	64302
2007 AK ₁	2009 10 30.7	02 19.82 +09 30.7 20.4	-0.97	- 4.8	1.6/29.6	21873
2004 OA ₂	2009 10 30.7	02 19.84 +26 01.6 20.0	-0.96	- 6.7	4.1/03.3	64221
2002 PH ₁₀₇	2009 10 30.7	02 19.84 +02 19.1 20.0	-1.04	- 4.1	5.1/27.9	64188
2009 UV ₂₀	2009 10 30.7	02 19.85 +21 00.8 19.4	-0.82	- 8.3	2.5/01.9	64073
2009 TB ₅	2009 10 30.7	02 19.85 +12 56.4 19.0	-0.91	- 2.4	0.4/30.5	64055
2003 QB ₈₇	2009 10 30.7	02 19.85 -04 46.8 19.3	-0.72	- 6.1	6.0/25.0	64206
2002 XO ₆₄	2009 10 30.7	02 19.87 +23 25.6 19.5	-1.06	- 5.0	4.1/02.2	64198
2008 RK ₄	2009 10 30.7	02 19.87 +10 07.9 20.6	-0.50	- 3.4	0.7/29.6	63862
2004 ED ₇₆	2009 10 30.7	02 19.92 +10 23.6 20.7	-0.99	- 5.5	1.3/29.8	62387
2004 UB ₈	2009 10 30.7	02 19.95 +23 53.7 18.8	-0.75	-12.8	4.4/03.4	64234
2002 AW ₂₉	2009 10 30.7	02 19.96 +34 56.8 19.7	-1.02	- 4.2	6.6/05.8	64177
2005 UW ₄₈₁	2009 10 30.7	02 19.97 -14 14.1 19.3	-0.88	+ 2.3	13.8/24.3	64271
2005 MY ₅	2009 10 30.7	02 19.97 +29 28.1 20.2	-1.08	- 9.0	6.2/04.7	87686
2007 GJ ₁₂	2009 10 30.7	02 19.98 +09 24.6 19.9	-0.97	- 5.2	1.7/29.6	22886
2008 FU ₂₅	2009 10 30.7	02 20.01 +10 37.4 19.8	-1.07	- 3.8	1.3/30.0	64327
1998 TY	2009 10 30.7	02 20.03 +14 26.7 19.6	-0.87	- 1.8	0.1/30.9	64147
2001 UW ₁₃₅	2009 10 30.7	02 20.16 +07 01.1 18.8	-1.15	+ 2.5	2.9/29.6	64168
2006 WB ₇₆	2009 10 30.8	02 20.07 +12 54.6 19.6	-1.09	- 4.8	0.5/30.5	63804
2006 RE ₄	2009 10 30.8	02 20.10 -14 09.4 19.8	-0.98	-13.3	11.7/20.9	64297
2001 FF ₁₅₄	2009 10 30.8	02 20.13 +19 51.6 20.4	-0.90	- 1.7	1.8/01.3	64160
2003 SV ₁₈₇	2009 10 30.8	02 20.17 +20 00.1 19.6	-0.79	- 6.0	1.9/01.6	64209
4276 T-2	2009 10 30.8	02 20.18 +04 53.2 19.2	-0.90	- 5.2	4.4/28.4	64079
2008 GR ₁₃₃	2009 10 30.8	02 20.24 +03 52.4 21.6	-1.05	- 2.9	3.8/28.5	40214
2005 TD ₁₁₉	2009 10 30.8	02 20.30 +18 04.9 20.7	-1.04	- 3.5	1.3/31.9	62441
2009 TZ ₈	2009 10 30.8	02 20.34 +11 41.2 19.0	-0.97	+ 0.9	0.7/30.4	64057
2002 XA ₇	2009 10 30.8	02 20.35 +13 58.2 18.8	-0.96	- 7.7	0.0/30.9	64198
2006 BK ₁₂	2009 10 30.8	02 20.37 +30 09.3 16.9	-0.22	- 8.1	9.2/06.6	64288
2005 WA ₇₀	2009 10 30.8	02 20.41 +16 13.8 19.3	-0.87	- 6.5	0.9/31.5	63765
2006 AH ₃₃	2009 10 30.8	02 20.44 +01 37.4 20.5	-0.93	- 1.9	4.4/27.9	62474
2009 ST ₂₃₃	2009 10 30.8	02 20.45 +17 51.2 18.1	-1.15	+ 3.1	1.7/31.6	64394
2005 QN ₅₈	2009 10 30.8	02 20.46 +17 28.0 19.0	-0.96	- 3.3	1.6/31.8	64248
2005 JS ₄₉	2009 10 30.8	02 20.48 +08 32.1 19.8	-1.00	- 7.5	2.4/29.4	62419
2001 OA ₉₆	2009 10 30.8	02 20.48 +07 43.0 19.2	-0.89	- 4.6	2.9/29.2	64161
2005 GY ₁₂₄	2009 10 30.8	02 20.50 +10 48.0 20.9	-0.61	- 3.4	0.7/30.0	47349
2005 WO ₅₈	2009 10 30.9	02 20.47 +27 47.9 20.1	-0.94	- 5.8	4.7/03.8	63765
2007 AR	2009 10 30.9	02 20.49 +23 36.0 20.0	-1.07	- 5.2	4.2/02.4	64302
2000 ED ₁₃	2009 10 30.9	02 20.49 +02 58.5 19.2	-0.87	- 1.9	3.5/28.2	64152
2001 BJ ₃₉	2009 10 30.9	02 20.50 +19 39.9 20.1	-0.53	- 2.4	1.0/01.5	64158
2009 UJ ₁₈	2009 10 30.9	02 20.52 +17 18.6 20.0	-0.91	- 3.2	1.1/31.8	64072
2003 SV ₁₆₈	2009 10 30.9	02 20.59 +24 38.7 19.5	-0.88	- 2.6	3.2/02.7	64208
2002 CY ₁₆₀	2009 10 30.9	02 20.66 -09 22.7 19.5	-0.88	- 2.6	8.3/24.6	64181
2000 DJ ₈₉	2009 10 30.9	02 20.73 +27 56.2 20.6	-0.89	- 3.0	4.5/03.7	84542
2006 DS ₆₈	2009 10 30.9	02 20.74 -01 53.1 19.9	-0.81	- 1.8	4.7/26.9	41845
2003 SN ₃₅	2009 10 30.9	02 20.77 +22 57.2 19.6	-0.91	- 1.5	2.7/02.2	64207
2005 YQ ₁₃	2009 10 30.9	02 20.77 +08 54.3 19.8	-0.85	- 3.9	1.8/29.6	20462
2007 DZ ₃₈	2009 10 30.9	02 20.79 +26 04.1 20.4	-1.02	- 1.8	3.7/02.9	22877
2007 CX ₃₀	2009 10 30.9	02 20.79 +01 52.2 22.4	-0.81	- 4.2	3.3/27.7	41861
2007 HG ₇₂	2009 10 30.9	02 20.79 +13 05.6 19.1	-0.76	- 7.2	0.3/30.7	63836
1999 XP ₂₂₆	2009 10 30.9	02 20.82 +29 05.5 20.8	-0.87	- 4.2	4.3/04.2	42578
2000 WX ₁₃₆	2009 10 30.9	02 20.83 +21 11.2 19.6	-0.92	- 5.7	2.3/01.9	64158

2005 WA ₃₅	2009 10 30.9	02 20.88 +12 11.0 19.9	-0.94 - 3.4	0.7/30.5	61988
2005 XH ₇	2009 10 30.9	02 20.89 -10 09.5 19.9	-1.10 + 2.8	8.8/26.3	60853
2005 XA ₈₂	2009 10 30.9	02 20.89 +07 33.0 20.0	-0.91 - 3.6	2.7/29.3	64280
2004 XM ₃₆	2009 10 30.9	02 20.91 +20 56.3 20.3	-0.78 - 5.6	2.0/02.0	63697
2006 XQ ₅₉	2009 10 30.9	02 20.93 +20 03.5 20.4	-1.09 - 4.3	2.7/01.5	64301
2004 EN ₂₂	2009 10 30.9	02 20.93 +21 52.8 20.1	-1.11 - 3.6	3.0/01.9	64216
2004 GD ₅₀	2009 10 30.9	02 20.95 +23 05.5 18.9	-1.19 + 1.1	4.3/01.8	64218
2003 GQ	2009 10 31.0	02 20.84 -02 45.1 20.8	-0.89 - 3.4	5.3/26.6	19597
2004 HB ₄₉	2009 10 31.0	02 20.85 +13 11.3 21.1	-1.01 - 4.3	0.3/30.8	64219
2007 FE ₁₂	2009 10 31.0	02 20.85 -10 30.3 20.5	-0.71 - 5.1	6.3/23.7	47425
2002 NP ₅₉	2009 10 31.0	02 20.87 -10 37.5 21.5	-0.73 - 2.6	6.1/24.3	19582
2000 SP ₃₆₁	2009 10 31.0	02 20.89 +07 11.5 19.0	-0.95 - 1.0	2.9/29.5	64156
2002 RW ₂₅₇	2009 10 31.0	02 20.90 +17 00.8 21.5	-1.07 - 5.2	1.1/31.8	64191
2005 TM ₃₆	2009 10 31.0	02 20.90 +15 08.1 20.3	-1.02 - 3.8	0.4/31.3	64258
2005 QD ₇₀	2009 10 31.0	02 20.90 +07 59.9 19.9	-1.00 - 4.3	2.6/29.5	64248
2006 AF ₃₁	2009 10 31.0	02 20.95 +04 08.9 19.4	-0.90 - 2.2	3.7/28.6	64286
2008 HP ₁₆	2009 10 31.0	02 20.95 +04 02.7 21.0	-0.97 - 5.9	3.7/28.4	41643
2008 GY ₈₉	2009 10 31.0	02 20.95 +12 34.4 21.6	-1.06 - 3.9	0.5/30.7	40586
2004 XE ₁₂₅	2009 10 31.0	02 20.96 +24 13.0 19.4	-0.93 - 1.1	3.1/02.4	64238
2002 RP ₁₁	2009 10 31.0	02 20.99 +22 47.5 19.5	-1.15 - 4.5	3.5/02.3	64190
2005 SW ₇₇	2009 10 31.0	02 20.99 +17 33.0 19.9	-1.07 - 1.2	1.5/31.8	64253
2007 DP ₇₅	2009 10 31.0	02 21.00 +13 55.3 19.5	-0.95 - 3.9	0.1/31.0	64309
2005 WV ₂₈	2009 10 31.0	02 21.07 +12 57.2 19.9	-0.98 - 2.8	0.4/30.8	64274
2008 SA ₂₇	2009 10 31.0	02 21.10 +08 58.0 20.6	-0.48 - 3.2	0.8/29.5	62542
2000 BH ₃₃	2009 10 31.0	02 21.10 +08 32.4 20.7	-1.00 - 5.3	2.1/29.6	15683
2009 UA ₂₁	2009 10 31.0	02 21.12 +22 14.6 19.1	-1.04 - 1.1	3.5/01.9	64074
2004 KV ₁₁	2009 10 31.0	02 21.13 -12 06.8 19.2	-0.94 + 0.6	11.1/25.4	64220
2005 WR ₁₀₄	2009 10 31.0	02 21.19 -05 29.9 18.8	-0.99 + 1.3	8.6/26.9	64276
2006 BR ₁₀₆	2009 10 31.0	02 21.19 +16 30.1 20.6	-0.86 - 3.9	0.8/31.7	64289
2003 UH ₃₂₈	2009 10 31.0	02 21.20 +08 27.9 20.6	-0.75 - 7.2	1.7/29.4	61883
2005 UW ₁	2009 10 31.0	02 21.20 +14 30.4 20.4	-0.88 - 8.8	0.2/31.2	63735
2005 YW ₁₅₂	2009 10 31.0	02 21.25 -01 17.2 19.1	-0.96 - 0.7	6.2/27.5	64284
2008 HU ₃	2009 10 31.0	02 21.25 +13 35.0 20.5	-1.04 - 4.1	0.2/31.0	62536
2004 BM ₅₈	2009 10 31.0	02 21.26 +22 52.6 19.7	-1.08 - 7.4	3.7/02.5	64214
2007 AZ ₂₃	2009 10 31.0	02 21.28 +21 12.8 20.1	-0.98 - 5.5	2.4/02.0	64303
2007 HD ₅	2009 10 31.0	02 21.28 +09 47.9 21.8	-0.94 - 2.7	1.3/30.1	20627
2007 EQ ₄₅	2009 10 31.1	02 21.23 +23 52.6 19.4	-1.15 + 1.3	3.8/02.1	64312
2005 UT ₉₆	2009 10 31.1	02 21.23 +09 20.6 20.3	-0.87 - 7.2	1.8/29.7	64263
2001 VK ₅₆	2009 10 31.1	02 21.27 +20 39.3 18.9	-1.03 - 3.7	2.6/01.7	64170
2005 YV ₂₈₂	2009 10 31.1	02 21.29 +22 06.9 19.8	-0.93 - 5.2	3.2/02.3	56038
2007 CL ₄₁	2009 10 31.1	02 21.30 +08 02.2 19.6	-0.98 - 5.4	2.4/29.5	64306
2002 JX ₄₁	2009 10 31.1	02 21.30 +09 42.8 19.6	-0.76 - 6.5	1.2/29.8	62347
2008 HZ ₂₁	2009 10 31.1	02 21.33 +00 40.7 20.1	-1.28 + 4.0	4.5/29.1	62536
2007 FG ₇	2009 10 31.1	02 21.33 +16 33.4 19.8	-0.93 - 2.6	0.8/31.7	64317
2007 ED ₁₁	2009 10 31.1	02 21.34 +13 37.6 20.2	-0.99 - 4.2	0.2/31.0	64311
2007 GF ₂₀	2009 10 31.1	02 21.35 +16 44.8 20.9	-0.86 - 3.2	0.8/31.8	19481
2009 TH ₂₆	2009 10 31.1	02 21.35 +11 59.7 19.3	-1.00 + 1.1	0.7/30.7	64065
1998 HK ₂	2009 10 31.1	02 21.39 +07 50.6 21.9	-1.03 - 5.4	2.4/29.5	64146
2005 EL ₃₃	2009 10 31.1	02 21.41 +46 24.9 19.4	-1.79 + 3.1	15.2/06.6	11081
2007 KK ₁	2009 10 31.1	02 21.42 +01 51.3 19.8	-0.82 - 1.7	3.6/28.1	62521
2003 BX	2009 10 31.1	02 21.43 -30 45.5 19.1	-1.17 + 3.1	18.5/16.9	64200

2005 CV ₇₃	2009 10 31.1	02 21.45 -00 11.6 19.4	-0.74 - 4.0	4.6/27.1	64240
2005 YF ₁₃₃	2009 10 31.1	02 21.45 +22 44.8 20.2	-0.94 - 4.0	3.0/02.4	64283
2002 XV ₅₂	2009 10 31.1	02 21.46 +16 57.6 18.7	-0.98 - 5.0	1.3/31.9	64198
2004 HB ₅₁	2009 10 31.1	02 21.47 +34 02.1 20.1	-1.13 - 6.0	7.4/05.9	20791
2004 XU ₇₆	2009 10 31.1	02 21.48 +07 00.4 19.3	-0.88 - 1.0	2.3/29.5	64238
2006 BM ₉₀	2009 10 31.1	02 21.48 -02 17.4 19.8	-0.76 - 4.3	5.3/26.6	21173
2002 CP ₂₂	2009 10 31.1	02 21.49 +03 34.8 20.0	-0.80 - 5.1	3.0/28.2	62339
2005 VG ₄₂	2009 10 31.1	02 21.52 +05 28.0 18.6	-0.79 - 7.9	4.0/28.6	64272
2005 QO ₁₃₉	2009 10 31.1	02 21.54 +16 10.1 19.8	-1.02 - 3.2	0.9/31.7	62429
2004 PV ₃₇	2009 10 31.1	02 21.61 -02 39.4 20.8	-0.83 - 5.3	5.3/26.5	40126
2000 UQ ₃₃	2009 10 31.1	02 21.69 +03 21.1 18.7	-1.10 + 6.7	5.3/29.8	63614
2002 JJ ₁₁₉	2009 10 31.2	02 21.67 -04 20.2 20.7	-0.78 - 2.8	5.3/26.4	58430
2005 WZ ₃₂	2009 10 31.2	02 21.68 +09 20.6 19.5	-0.95 - 0.7	2.2/30.2	63762
2008 RT ₂₉	2009 10 31.2	02 21.71 +10 51.5 20.1	-0.52 - 3.0	0.6/30.3	62541
2005 VX ₂₅	2009 10 31.2	02 21.72 +21 18.5 19.7	-1.05 - 4.3	3.0/02.1	63755
2002 RP ₁₄	2009 10 31.2	02 21.72 +16 02.1 19.3	-1.02 - 4.9	0.9/31.7	64190
2004 RY ₉₇	2009 10 31.2	02 21.74 +17 48.0 19.3	-0.88 - 5.5	1.3/01.2	64224
2005 UV ₁₉₀	2009 10 31.2	02 21.74 +16 15.2 19.9	-0.93 - 5.6	0.7/31.8	64266
2003 DS ₁₆	2009 10 31.2	02 21.84 +10 09.7 19.8	-0.96 - 4.9	1.7/30.2	60784
2005 VV ₅₅	2009 10 31.2	02 21.85 +17 50.2 20.7	-1.00 - 3.4	1.4/01.2	62457
2008 GJ ₁₂₉	2009 10 31.2	02 21.87 -00 17.9 19.2	-0.89 - 3.2	6.3/27.7	63855
2009 SG ₂₃₃	2009 10 31.2	02 21.94 +01 07.4 18.9	-0.75 - 6.7	4.6/27.3	64021
2009 SU ₃₃₃	2009 10 31.2	02 21.95 -10 06.4 19.5	-0.72 - 6.8	10.6/23.6	64048
2004 FD ₁₀₉	2009 10 31.2	02 21.99 +13 30.1 20.0	-1.04 - 4.3	0.2/31.1	12342
2002 CM ₂₅₉	2009 10 31.2	02 22.06 +33 02.2 19.1	-1.01 - 4.5	7.2/05.5	40103
2009 TW ₁₉	2009 10 31.2	02 22.10 +12 58.2 20.7	-0.96 - 4.1	0.4/31.0	64062
2007 CO ₆₁	2009 10 31.2	02 22.10 +16 53.9 20.2	-1.07 - 2.9	1.0/31.9	64307
2003 HT ₄₉	2009 10 31.2	02 22.12 +13 37.5 20.4	-1.17 + 2.1	0.2/31.2	63656
2008 FW ₁₀₉	2009 10 31.3	02 22.02 +07 33.1 19.4	-1.02 - 4.0	2.9/29.7	64328
2003 TC ₃₄	2009 10 31.3	02 22.02 +24 14.5 20.1	-0.78 - 5.1	2.7/03.2	64211
2004 RH ₁	2009 10 31.3	02 22.05 -00 09.2 19.7	-0.92 - 1.8	5.3/28.0	64223
2006 DR ₃₇	2009 10 31.3	02 22.06 +10 36.4 21.5	-0.82 - 4.4	1.0/30.4	02290
2006 EV ₇₀	2009 10 31.3	02 22.08 +02 51.4 20.1	-0.94 + 0.8	3.1/28.9	01498
2007 HZ ₅₅	2009 10 31.3	02 22.09 +04 22.0 21.5	-0.73 - 6.2	2.9/28.4	21689
2005 WQ ₃₀	2009 10 31.3	02 22.12 +12 15.8 19.8	-0.98 - 2.2	0.8/30.9	64274
2007 HX ₁₂	2009 10 31.3	02 22.13 +08 12.3 20.6	-0.86 - 0.9	1.5/29.9	64320
2006 BW ₁₀₃	2009 10 31.3	02 22.14 +30 15.0 19.4	-0.93 - 3.1	5.1/04.7	64289
2008 PC ₆	2009 10 31.3	02 22.16 +30 09.0 20.8	-0.89 - 3.8	4.6/04.8	49034
2008 QP ₄₂	2009 10 31.3	02 22.18 +12 15.0 20.7	-0.50 - 3.3	0.3/30.8	62541
2003 FB ₇₂	2009 10 31.3	02 22.18 -04 20.8 19.9	-0.83 - 4.9	5.7/26.2	64202
2004 PN ₇₇	2009 10 31.3	02 22.19 -01 35.7 20.1	-0.83 - 6.0	5.0/26.9	62395
2000 GP ₄₀	2009 10 31.3	02 22.20 +17 28.2 20.5	-1.02 - 3.5	1.1/01.2	64153
2004 RB ₂₅₇	2009 10 31.3	02 22.20 +25 49.9 20.4	-1.01 - 2.6	3.9/03.3	64227
2009 SR ₁₆₄	2009 10 31.3	02 22.20 +13 14.9 19.0	-0.91 - 0.7	0.3/31.1	64002
2000 HD ₂₆	2009 10 31.3	02 22.21 +09 15.4 19.1	-1.63 + 6.4	2.3/30.8	64153
2007 GC ₄₂	2009 10 31.3	02 22.22 +14 25.0 20.6	-0.78 - 5.3	0.1/31.4	20867
2003 SN ₇₄	2009 10 31.3	02 22.25 +21 03.5 19.0	-0.85 - 3.2	2.4/02.2	64207
2004 FG ₆	2009 10 31.3	02 22.27 +23 58.7 19.4	-1.20 - 1.3	4.0/02.5	64217
2008 GS ₇₅	2009 10 31.3	02 22.28 +06 10.7 20.7	-1.10 - 2.4	3.2/29.6	41611
2001 YY ₁₁₅	2009 10 31.3	02 22.30 -10 05.7 18.8	-0.96 - 1.5	9.1/25.0	64176
2006 BJ ₂₁₄	2009 10 31.3	02 22.31 +26 44.5 21.6	-0.83 - 4.0	3.1/03.8	02282

2003 HS ₁	2009 10 31.3	02 22.34 +04 18.9 19.9	-0.87 - 3.9	3.3/28.8	62371
2005 XK ₆₃	2009 10 31.3	02 22.37 +18 14.7 20.6	-0.92 - 4.7	1.3/01.5	96634
2003 PC ₆	2009 10 31.3	02 22.37 +19 24.4 19.2	-0.83 - 5.1	1.7/01.9	64205
2001 KT	2009 10 31.3	02 22.37 +24 55.1 19.5	-1.01 -12.5	3.7/03.9	55923
2006 EF ₆₀	2009 10 31.3	02 22.38 +19 19.9 20.8	-0.84 - 3.5	1.5/01.7	64295
2002 CR ₁₃₈	2009 10 31.3	02 22.41 -02 03.2 19.8	-0.81 - 6.7	5.7/26.5	64180
2008 MK ₂	2009 10 31.3	02 22.42 +39 50.0 20.0	-0.96 - 4.3	7.3/08.4	47446
2006 BR ₁₀₀	2009 10 31.3	02 22.42 -09 07.3 20.2	-0.79 - 1.9	6.5/25.3	41841
1999 VV ₁₃₉	2009 10 31.3	02 22.46 +16 10.8 19.5	-0.83 - 5.3	0.7/32.0	64150
2000 SU ₂₆₃	2009 10 31.3	02 22.49 +20 24.0 20.0	-0.97 - 3.0	2.4/02.0	64156
2007 CG ₅₆	2009 10 31.3	02 22.49 +10 30.3 20.4	-0.98 - 6.8	1.5/30.4	62504
2003 SE ₅₁	2009 10 31.4	02 22.46 +14 22.2 18.9	-0.89 - 1.1	0.1/31.5	64207
2003 AJ ₇₀	2009 10 31.4	02 22.46 +09 37.0 19.8	-0.95 - 5.0	2.1/30.2	41110
2001 XP ₂₂₃	2009 10 31.4	02 22.49 +14 23.2 18.8	-1.00 - 0.7	0.1/31.5	64175
2001 FK ₅₈	2009 10 31.4	02 22.52 +09 26.9 21.7	-1.02 - 4.1	1.4/30.3	39147
2006 BD ₈₁	2009 10 31.4	02 22.53 -02 11.1 20.0	-0.77 - 4.2	5.6/26.8	39792
2004 JW ₄₉	2009 10 31.4	02 22.55 +19 43.3 20.2	-0.95 - 8.0	2.1/02.1	64220
2004 EB ₃₇	2009 10 31.4	02 22.56 +10 57.6 20.7	-0.98 - 5.3	1.1/30.6	62387
2006 FD ₁₁	2009 10 31.4	02 22.56 +12 16.8 20.1	-0.82 - 3.2	0.6/30.9	62483
2006 AJ ₉₅	2009 10 31.4	02 22.57 +11 53.2 20.3	-0.83 - 4.6	0.7/30.8	64287
2008 GJ ₁₂₇	2009 10 31.4	02 22.58 -01 51.1 20.1	-0.89 - 4.4	5.6/27.3	64331
2002 RM ₂₅₉	2009 10 31.4	02 22.60 +23 31.9 19.2	-1.19 - 0.5	4.4/02.4	64192
2000 DH ₉₉	2009 10 31.4	02 22.60 +02 45.4 19.6	-0.94 - 5.3	4.1/28.4	62303
2003 SJ ₃₁₈	2009 10 31.4	02 22.60 +17 30.7 20.7	-0.84 - 3.2	1.0/01.3	62377
2007 EH ₉₀	2009 10 31.4	02 22.60 +05 22.2 19.8	-0.98 - 5.4	3.5/29.1	64313
2003 QY	2009 10 31.4	02 22.62 +04 36.4 20.8	-0.79 - 4.6	2.9/28.9	62373
2007 PR ₄	2009 10 31.4	02 22.64 +05 11.8 20.2	-0.50 - 3.4	1.7/28.8	62521
2009 SY ₁₆₄	2009 10 31.4	02 22.65 +14 00.3 19.6	-1.07 + 0.3	0.1/31.4	64002
2003 SB ₁₈₇	2009 10 31.4	02 22.67 +38 51.0 19.1	-1.40 + 5.6	9.1/04.5	64209
2005 RF ₄₀	2009 10 31.4	02 22.71 +21 55.6 20.3	-1.07 - 6.1	2.9/03.0	41194
2007 EF ₁₄₈	2009 10 31.4	02 22.71 +13 30.9 20.7	-0.91 - 2.8	0.2/31.3	63827
2003 SE ₁₁₃	2009 10 31.4	02 22.71 +20 04.5 20.6	-0.80 - 6.5	1.8/02.2	64208
2008 RJ ₁₀₉	2009 10 31.4	02 22.73 +11 06.6 20.2	-0.53 - 2.9	0.6/30.6	49043
2006 BU ₂₀₇	2009 10 31.4	02 22.74 +29 26.3 20.4	-0.88 - 4.0	4.3/04.7	97116
2002 FR ₂₉	2009 10 31.4	02 22.76 +05 51.7 19.4	-0.92 - 3.3	3.1/29.4	64184
2006 BY ₈₀	2009 10 31.4	02 22.77 +26 03.6 20.9	-0.92 - 2.1	3.5/03.4	02275
2004 FK ₆₇	2009 10 31.4	02 22.77 +09 58.0 21.2	-1.01 - 4.2	1.4/30.4	55991
2001 XU ₂₂₃	2009 10 31.4	02 22.78 +04 56.9 20.7	-1.02 - 1.4	3.2/29.4	62334
2006 BN ₂₃₂	2009 10 31.4	02 22.78 +28 23.4 20.4	-0.91 - 2.7	4.1/04.2	48991
2005 VH ₁₀	2009 10 31.4	02 22.78 +05 57.0 19.8	-0.96 - 2.1	3.2/29.6	64272
2007 EB ₇₁	2009 10 31.4	02 22.80 +08 38.3 20.9	-0.86 - 4.8	1.7/30.0	40709
2001 UP ₂₂₂	2009 10 31.4	02 22.82 +13 16.6 19.9	-1.00 - 2.7	0.3/31.3	64169
2007 EJ ₃₈	2009 10 31.4	02 22.82 +09 38.8 20.4	-0.83 - 6.2	1.6/30.2	62510
2003 SH ₁₇₇	2009 10 31.4	02 22.82 +03 13.9 20.5	-0.72 - 5.9	3.2/28.3	62376
2003 QS ₇₉	2009 10 31.4	02 22.84 +01 47.9 21.0	-0.80 - 6.8	3.8/28.0	62374
2008 BD ₄₀	2009 10 31.4	02 22.86 -37 11.0 20.4	-1.14 - 2.7	21.8/14.0	36022
2002 UF ₇₈	2009 10 31.5	02 22.82 +17 24.7 19.6	-0.91 - 4.2	1.7/01.3	64195
2005 WP ₁₆₀	2009 10 31.5	02 22.83 +12 37.8 20.0	-1.19 + 1.8	0.6/31.2	62464
2005 XB ₁₁₁	2009 10 31.5	02 22.84 +00 47.8 20.8	-0.75 - 4.7	4.0/27.7	98031
2006 DK ₁₀₂	2009 10 31.5	02 22.85 +10 20.2 20.5	-0.75 - 3.7	1.0/30.5	47394
2003 SN ₂₃₈	2009 10 31.5	02 22.86 +18 54.4 20.9	-0.83 - 4.5	1.5/01.8	53823

2008 HS ₁₀	2009 10 31.5	02 22.89 +14 39.3 20.6	-0.93 - 6.9	0.2/31.6	62536
2005 UW ₂₉₁	2009 10 31.5	02 22.90 +19 26.0 21.0	-0.91 - 6.7	2.4/02.0	03775
2005 YQ ₁₉₈	2009 10 31.5	02 22.92 +14 02.9 20.0	-0.87 - 4.7	0.1/31.5	64285
2004 PK ₉₆	2009 10 31.5	02 22.93 +23 40.3 19.3	-0.92 - 6.3	3.2/03.3	64222
2004 RA ₁₃₆	2009 10 31.5	02 22.95 +12 57.2 19.9	-0.92 - 3.2	0.5/31.2	64224
2008 HN ₂	2009 10 31.5	02 22.98 +12 24.1 20.8	-1.01 - 7.2	0.7/31.0	64331
2008 RA ₁₅	2009 10 31.5	02 22.98 +17 09.7 20.1	-0.53 - 3.2	0.6/01.4	64336
2003 DQ ₂₀	2009 10 31.5	02 23.00 +17 24.3 19.7	-1.01 - 4.3	1.3/01.3	62368
2000 RE ₈₅	2009 10 31.5	02 23.00 +26 36.1 19.8	-1.07 - 2.4	4.1/03.6	64155
2005 RH ₁₀	2009 10 31.5	02 23.05 +23 42.3 19.8	-1.11 - 2.8	4.1/03.0	63722
2004 FW ₈₀	2009 10 31.5	02 23.09 +04 59.9 21.4	-0.98 - 4.2	3.1/29.2	58475
1998 SY ₁₇₆	2009 10 31.5	02 23.10 +02 31.6 18.3	-0.78 - 3.7	4.3/28.4	64147
2007 HS ₁₈	2009 10 31.5	02 23.11 +07 10.8 21.0	-0.81 - 7.4	2.1/29.5	63835
2007 FP ₃₃	2009 10 31.5	02 23.11 +10 33.4 20.7	-0.85 - 5.3	1.2/30.6	63831
2005 XK ₇₅	2009 10 31.5	02 23.13 +08 09.3 18.5	-0.92 + 0.9	3.0/30.3	63778
2005 XO ₁₁₁	2009 10 31.5	02 23.16 +08 51.4 20.2	-0.80 - 4.1	1.7/30.1	64280
2003 SP ₂₉₆	2009 10 31.5	02 23.17 +42 20.6 19.0	-1.09 - 0.4	9.1/07.8	64210
2002 PA ₁₈₁	2009 10 31.5	02 23.19 +16 48.5 20.8	-0.79 - 3.0	0.7/01.3	62351
2008 LM ₄	2009 10 31.5	02 23.24 +09 43.1 21.0	-1.05 - 4.5	1.7/30.5	41692
2005 QF ₃₃	2009 10 31.5	02 23.29 +22 51.6 19.5	-1.10 - 3.7	3.6/03.0	64247
2004 RZ ₉₅	2009 10 31.6	02 23.18 +04 34.7 20.3	-0.83 - 6.9	3.0/28.8	58481
2007 EF ₂₀₃	2009 10 31.6	02 23.21 +11 38.3 20.9	-1.01 - 3.9	1.0/31.0	21674
2004 RQ ₂₄	2009 10 31.6	02 23.22 +18 38.2 18.9	-0.87 - 5.1	1.6/01.8	64223
2005 MA ₄₆	2009 10 31.6	02 23.22 +17 48.5 20.1	-1.02 - 7.6	1.4/01.6	64243
2002 CB ₇₆	2009 10 31.6	02 23.24 +04 15.3 20.2	-0.85 - 3.8	3.1/29.0	62340
2007 DO ₇₇	2009 10 31.6	02 23.24 +01 10.9 19.6	-0.94 - 3.9	5.4/28.2	64309
2002 JN ₈₆	2009 10 31.6	02 23.25 +16 25.0 20.6	-0.78 - 7.4	0.6/01.3	64185
2007 BM ₄₃	2009 10 31.6	02 23.28 -00 56.5 19.7	-0.90 - 3.8	5.3/27.8	64304
2006 BB ₅₄	2009 10 31.6	02 23.29 +07 27.9 20.9	-0.77 - 4.2	1.8/29.8	64288
2004 QD ₁₀	2009 10 31.6	02 23.29 +05 01.5 19.3	-0.90 - 2.5	3.3/29.4	64222
2004 HP ₃₅	2009 10 31.6	02 23.36 +15 57.6 20.2	-1.03 - 4.3	0.6/01.1	62392
2004 JJ ₅₃	2009 10 31.6	02 23.36 +13 35.6 20.6	-1.03 - 4.0	0.3/31.5	64220
2009 TH ₃₃	2009 10 31.6	02 23.39 +09 50.3 18.8	-1.07 + 1.8	1.8/30.8	64066
2002 TZ ₅₁	2009 10 31.6	02 23.46 +11 41.8 17.8	-0.95 - 1.4	1.3/31.1	64193
2005 YL ₂₄₁	2009 10 31.6	02 23.47 +20 42.4 20.9	-0.91 - 3.4	2.0/02.3	64285
2007 ED ₁₈₈	2009 10 31.6	02 23.48 +17 37.9 20.5	-0.99 - 3.1	1.1/01.5	64315
2007 EY ₉	2009 10 31.6	02 23.51 +15 34.8 20.1	-0.97 - 2.2	0.4/32.0	64311
2003 SV ₁₈₅	2009 10 31.6	02 23.56 +13 31.6 19.2	-0.78 - 5.8	0.2/31.5	64209
2004 BR ₁₂₁	2009 10 31.6	02 23.57 -13 59.9 20.3	-1.10 - 0.8	9.4/24.9	41804
2003 UX ₄₇	2009 10 31.6	02 23.57 +17 58.3 18.6	-0.73 - 9.0	1.2/01.9	63669
1993 FL ₃₅	2009 10 31.6	02 23.68 +13 55.1 19.8	-1.06 - 3.5	0.1/31.6	16117
2008 FV ₁₅	2009 10 31.7	02 23.59 +08 54.8 19.5	-1.08 - 0.1	1.9/30.6	64327
2003 QR ₄₈	2009 10 31.7	02 23.61 -04 03.5 19.4	-0.74 - 5.2	5.8/26.4	64205
2006 BR ₂₆₂	2009 10 31.7	02 23.68 +23 11.8 21.7	-0.83 - 2.8	2.4/03.1	56040
2001 YY ₁₂	2009 10 31.7	02 23.70 -02 48.8 20.0	-1.04 + 2.1	7.5/28.4	64176
2007 EQ ₁₀₀	2009 10 31.7	02 23.73 +32 24.6 21.0	-0.98 - 3.3	5.0/05.7	47423
2005 PD ₆	2009 10 31.7	02 23.77 +10 09.5 20.5	-0.98 - 4.7	1.8/30.7	61925
2006 BO ₁₈₈	2009 10 31.7	02 23.80 +04 58.3 19.6	-0.79 - 2.6	3.0/29.4	64290
2006 BH ₂₀₅	2009 10 31.7	02 23.83 -02 29.9 20.7	-0.73 - 4.1	4.7/27.1	43256
2007 HL ₅₀	2009 10 31.7	02 23.84 +08 23.7 20.4	-0.73 - 6.0	1.7/30.0	64321
2005 SJ ₃₆	2009 10 31.7	02 23.86 +15 16.3 19.9	-1.00 - 4.5	0.4/01.0	64252

2006 EN ₄₇	2009 10 31.7	02 23.88 -00 40.5 20.8	-0.75 - 4.7	4.7/27.5	62482
2004 RR ₂₄₅	2009 10 31.7	02 23.88 +12 00.7 20.7	-0.89 - 3.9	0.8/31.2	62400
2002 TC ₂₀₅	2009 10 31.7	02 23.94 +03 28.2 19.6	-1.08 - 2.5	4.4/29.4	64194
2004 CX ₁₀₄	2009 10 31.7	02 23.95 +17 18.7 19.3	-1.07 - 5.4	1.2/01.5	64215
2004 TH ₉₃	2009 10 31.7	02 23.95 +15 54.9 20.4	-0.86 - 4.3	0.6/01.2	64231
2002 AB	2009 10 31.7	02 23.97 -16 11.3 19.4	-1.41 + 4.4	11.8/25.6	64177
2007 DP ₂	2009 10 31.7	02 24.05 +13 43.1 20.4	-1.06 - 3.7	0.2/31.7	63815
2005 VF ₁₀₈	2009 10 31.8	02 23.97 +10 11.0 20.6	-1.07 - 1.1	1.6/30.9	01109
2007 EU ₇₁	2009 10 31.8	02 23.98 +18 24.1 20.1	-0.99 - 2.3	1.4/01.8	64312
2008 DU ₄	2009 10 31.8	02 23.99 +05 23.0 20.7	-1.03 - 5.2	3.5/29.6	62525
2005 YP ₁₄₃	2009 10 31.8	02 24.04 -00 07.5 20.5	-0.91 - 3.6	5.0/28.0	62471
2004 FA ₄₀	2009 10 31.8	02 24.09 +15 26.1 20.1	-1.05 - 4.0	0.4/01.1	39198
2004 RA ₅₃	2009 10 31.8	02 24.10 +07 35.8 19.9	-0.86 - 4.5	2.4/30.1	64223
2006 XW ₁₆	2009 10 31.8	02 24.13 +08 27.5 19.6	-1.06 - 3.2	2.5/30.5	64300
2007 BN ₃₄	2009 10 31.8	02 24.17 +09 29.2 21.4	-1.01 - 5.1	1.8/30.6	17684
2003 BD ₃₈	2009 10 31.8	02 24.17 +11 33.2 19.9	-1.00 - 4.3	1.0/31.2	64200
2008 JV ₉	2009 10 31.8	02 24.23 +06 23.1 19.0	-1.11 + 1.3	3.6/30.4	64333
2001 DQ ₅₅	2009 10 31.8	02 24.23 +26 28.1 20.4	-0.61 - 2.1	2.5/04.3	64159
2005 UK ₃₁	2009 10 31.8	02 24.25 +13 15.5 21.3	-0.98 - 4.8	0.4/31.6	64261
2005 QA ₁₀₀	2009 10 31.8	02 24.25 +17 32.8 21.7	-1.03 - 6.0	1.1/01.7	57007
2005 WM ₁₇₆	2009 10 31.8	02 24.26 +18 12.4 20.3	-0.91 - 4.2	1.4/01.9	64277
2001 XO ₁₄₆	2009 10 31.8	02 24.28 +04 20.0 19.6	-0.94 - 2.9	3.6/29.4	62333
2007 HL ₄₄	2009 10 31.8	02 24.32 +28 49.5 20.4	-1.04 - 1.5	4.8/04.3	64321
2007 EU ₄₂	2009 10 31.8	02 24.37 +17 18.0 19.9	-0.93 - 3.0	1.0/01.6	64311
2004 RK ₃₄₅	2009 10 31.8	02 24.40 +20 49.5 20.1	-0.92 - 4.8	2.2/03.0	64228
2005 RZ ₄₀	2009 10 31.9	02 24.36 +13 54.9 20.4	-1.04 - 4.0	0.1/31.8	12904
2004 RZ ₂₇₁	2009 10 31.9	02 24.37 +15 51.3 20.7	-0.91 - 4.0	0.5/01.3	64227
2007 BJ ₃₆	2009 10 31.9	02 24.37 +31 57.8 18.8	-1.16 - 2.1	8.3/05.4	64304
2007 DK ₅₃	2009 10 31.9	02 24.42 +24 18.9 19.6	-1.09 - 3.1	4.5/03.0	64308
1995 OC ₉	2009 10 31.9	02 24.43 -01 07.5 20.6	-0.82 - 5.9	5.2/27.5	57335
2002 PL ₆₆	2009 10 31.9	02 24.44 +20 37.3 20.7	-1.12 - 6.5	2.5/03.0	64187
2006 CO ₂₄	2009 10 31.9	02 24.45 +31 52.2 21.0	-0.87 - 3.3	4.4/05.8	47388
2001 XA ₄₆	2009 10 31.9	02 24.48 +08 17.8 18.4	-1.07 + 0.6	2.4/30.7	64173
2008 RT ₆₆	2009 10 31.9	02 24.49 +02 02.7 20.0	-0.49 - 2.9	2.2/28.4	62542
2005 YY ₂₀	2009 10 31.9	02 24.49 +25 17.2 19.9	-0.90 - 5.5	4.8/04.0	64280
2005 WG ₁₅₀	2009 10 31.9	02 24.50 +15 44.9 20.4	-0.95 - 3.1	0.5/01.3	64277
2004 RH ₁₀₈	2009 10 31.9	02 24.51 +26 41.2 19.5	-0.92 - 5.5	4.8/04.5	64224
2005 QF ₁₆₀	2009 10 31.9	02 24.53 -10 18.3 19.7	-0.97 - 2.8	9.5/26.0	64250
2009 TK ₃₆	2009 10 31.9	02 24.53 +07 03.0 19.2	-0.76 -11.2	3.1/29.5	64068
2004 TD ₂₇₉	2009 10 31.9	02 24.55 +06 20.1 19.1	-1.02 + 1.8	2.6/30.4	64233
2006 BO ₂₂₆	2009 10 31.9	02 24.55 +30 40.8 21.0	-0.96 - 2.6	5.1/05.1	56040
2005 UB ₁₆₄	2009 10 31.9	02 24.55 +17 44.6 19.9	-0.97 - 4.3	1.4/01.8	18143
2003 ST ₃₂₃	2009 10 31.9	02 24.57 +33 29.2 20.6	-1.01 - 1.7	5.8/05.9	10989
2005 UU ₄₅₆	2009 10 31.9	02 24.59 +12 58.4 18.2	-0.95 - 2.2	0.6/31.6	64270
2007 PM ₁₆	2009 10 31.9	02 24.59 +35 07.0 19.7	-0.67 - 1.3	4.0/06.8	47438
2006 WK ₁₅₃	2009 10 31.9	02 24.67 +25 44.0 20.4	-1.07 - 5.4	5.1/04.0	64300
2004 EW ₅	2009 10 31.9	02 24.67 +09 08.5 20.2	-0.99 - 5.2	1.9/30.6	62386
2006 AA ₇₈	2009 10 31.9	02 24.67 -08 55.8 20.7	-0.79 - 2.8	7.0/25.7	96956
2003 TP ₅₈	2009 10 31.9	02 24.68 +20 19.5 19.4	-0.81 - 4.8	2.1/02.6	64211
2002 AE ₁₈₉	2009 10 31.9	02 24.70 +00 29.7 20.4	-0.84 - 8.3	4.8/27.7	62338
2002 ER ₃₄	2009 10 31.9	02 24.70 +06 17.4 20.4	-0.86 - 4.1	2.7/29.9	41780

2007 EE ₄₅	2009 10 31.9	02 24.71 +05 48.4 21.2	-0.81 - 6.1	2.6/29.5	41326
2007 BD ₅₇	2009 10 31.9	02 24.72 +16 05.3 20.5	-1.07 - 4.0	0.7/01.4	18191
2009 TA ₃₅	2009 10 31.9	02 24.72 +10 04.3 19.4	-0.93 - 7.0	1.9/30.8	64067
2004 HH ₂₈	2009 10 31.9	02 24.73 +08 21.1 20.8	-1.01 - 3.5	2.0/30.5	64219
2004 TB ₈₅	2009 10 31.9	02 24.73 +15 48.6 19.4	-0.87 - 4.0	0.6/01.4	63687
2006 DP ₁₁₄	2009 10 31.9	02 24.74 +18 54.0 20.5	-0.89 - 1.1	1.2/02.0	62481
2007 EF ₆₅	2009 10 31.9	02 24.78 +10 48.0 20.3	-0.92 - 3.6	1.3/31.1	62511
2007 BY ₄₉	2009 10 31.9	02 24.78 +15 03.0 21.0	-0.99 - 5.4	0.2/01.2	18191
2000 HW ₉₇	2009 10 31.9	02 24.79 +11 57.8 20.9	-0.95 - 4.9	0.8/31.4	16139
2008 RQ ₁₆	2009 10 31.9	02 24.79 +15 43.2 21.0	-0.52 - 3.1	0.2/01.4	64336
2003 UT ₂₁₇	2009 10 31.9	02 24.80 +20 59.0 19.2	-0.84 - 3.1	2.2/02.7	64212
2009 TE ₁₂	2009 11 01.0	02 24.75 +11 53.8 19.4	-0.51 - 5.6	0.5/31.2	64059
2005 QH ₄₅	2009 11 01.0	02 24.75 +01 00.4 20.6	-0.92 - 4.8	5.6/28.5	62426
2003 SJ ₁₈₁	2009 11 01.0	02 24.77 +33 37.9 20.0	-0.98 - 2.0	5.2/06.1	48900
2007 EX ₂₂₀	2009 11 01.0	02 24.81 +18 40.3 21.0	-0.97 - 2.3	1.4/02.0	63829
2007 BZ ₇₇	2009 11 01.0	02 24.83 +27 12.4 19.7	-1.07 - 2.1	4.8/04.1	40707
2004 PB ₆₂	2009 11 01.0	02 24.86 -05 58.9 19.5	-0.97 + 0.7	7.9/27.7	64221
2006 WM ₁₅₃	2009 11 01.0	02 24.89 +16 03.3 19.5	-1.04 - 3.9	0.8/01.4	64300
2001 VV ₈₅	2009 11 01.0	02 24.90 +22 14.9 19.3	-1.07 - 2.8	3.4/02.9	20752
2001 XF ₆₆	2009 11 01.0	02 24.90 +26 59.1 18.0	-0.92 - 7.4	5.1/04.8	64173
2002 SR ₇₁	2009 11 01.0	02 24.90 +02 28.1 19.8	-1.05 - 3.2	4.7/29.2	64192
2008 LN ₇	2009 11 01.0	02 24.93 -03 00.8 21.9	-0.89 - 2.5	5.5/27.9	40777
2009 UF ₁₉	2009 11 01.0	02 24.94 +05 25.0 19.3	-0.56 - 1.2	1.7/29.7	64073
2008 RG ₁₇	2009 11 01.0	02 24.97 +21 40.9 20.8	-0.56 - 2.5	1.4/03.1	47461
2002 UM ₄₁	2009 11 01.0	02 24.97 +06 17.0 18.6	-1.03 + 0.2	4.0/30.4	64195
2009 TS ₃₆	2009 11 01.0	02 24.98 +07 50.2 20.0	-0.87 - 3.5	2.2/30.4	64068
2007 MJ ₁	2009 11 01.0	02 24.99 +22 10.9 19.0	-0.77 -10.1	2.3/03.6	64323
2003 FR ₁₂₀	2009 11 01.0	02 25.00 +11 23.6 20.8	-0.88 - 5.8	0.9/31.2	62371
2005 NP ₅₇	2009 11 01.0	02 25.03 +03 54.6 19.3	-0.91 - 3.6	5.0/29.4	64244
2005 UD ₁₇₇	2009 11 01.0	02 25.06 +16 45.8 20.5	-0.95 - 4.5	0.9/01.7	18143
2004 AA ₈	2009 11 01.0	02 25.11 +24 25.9 18.9	-1.11 - 1.1	5.5/03.0	63672
2004 BW ₁₀₆	2009 11 01.0	02 25.11 +03 46.9 19.9	-1.06 - 3.7	4.4/29.5	62383
2007 HZ ₃₈	2009 11 01.0	02 25.11 +07 46.2 20.9	-0.82 - 5.7	2.0/30.2	64321
2004 LQ ₁₂	2009 11 01.0	02 25.13 +05 39.9 21.0	-0.99 - 4.2	3.1/29.9	41149
2005 YT ₁₄₆	2009 11 01.0	02 25.13 +21 26.4 19.7	-0.95 - 3.3	2.8/03.0	96798
2004 KL ₃	2009 11 01.0	02 25.13 +17 41.2 19.9	-0.96 - 6.8	1.2/02.0	00723
2007 EP ₈	2009 11 01.0	02 25.16 +13 49.1 20.2	-0.90 - 4.2	0.2/31.9	64310
2005 NJ ₁₀₂	2009 11 01.0	02 25.16 +42 59.7 18.8	-1.14 -13.4	10.9/12.2	40692
2008 SX ₅₀	2009 11 01.0	02 25.16 +22 37.1 20.5	-0.57 - 1.6	1.5/03.3	47488
2006 HQ ₁₃₅	2009 11 01.0	02 25.20 +11 21.6 20.9	-0.79 - 4.6	0.9/31.3	64296
2005 UE ₆₂	2009 11 01.0	02 25.21 +13 12.2 19.6	-0.93 - 4.8	0.5/31.8	64262
2002 CA ₁₁₀	2009 11 01.1	02 25.14 +35 40.1 19.7	-1.12 - 1.0	7.0/06.3	48486
2007 EZ ₅₃	2009 11 01.1	02 25.14 +18 29.5 20.7	-0.90 - 1.3	1.2/02.1	63822
2002 AZ ₆₈	2009 11 01.1	02 25.17 +08 41.2 20.4	-0.84 - 6.2	2.0/30.5	21774
2004 TR ₁₄₇	2009 11 01.1	02 25.18 +20 45.4 20.4	-0.92 - 3.1	2.1/02.7	64232
2006 AG ₃₂	2009 11 01.1	02 25.19 +39 59.1 19.5	-1.24 - 0.1	9.5/06.8	02269
1994 SJ ₁₀	2009 11 01.1	02 25.20 +17 10.3 20.2	-1.08 - 2.5	1.2/01.8	64144
2001 SG ₁₁₂	2009 11 01.1	02 25.20 +00 43.0 19.8	-1.12 - 7.8	6.4/28.4	64163
2009 UR ₇₉	2009 11 01.1	02 25.22 +19 18.3 19.3	-1.08 - 5.1	2.2/03.0	64077
2002 TL ₂₈₇	2009 11 01.1	02 25.30 +23 02.6 18.2	-1.21 - 1.5	4.0/03.1	64194
2003 SC ₂₆₉	2009 11 01.1	02 25.32 +21 51.6 19.8	-0.89 - 1.3	2.1/02.9	41797

2005 SB ₂₀₁	2009 11 01.1	02 25.33 +14 38.5 20.6	-1.02	- 4.0	0.1/01.2	64256
2005 AC ₄₆	2009 11 01.1	02 25.36 +53 09.9 19.2	-1.99	+ 3.9	18.5/09.2	64239
2006 DP ₁₀₇	2009 11 01.1	02 25.38 +03 14.3 20.1	-0.74	- 6.0	3.6/28.9	62481
2005 QJ ₆₅	2009 11 01.1	02 25.40 +12 17.4 20.8	-1.05	- 4.0	0.8/31.6	63717
2005 YX ₆₄	2009 11 01.1	02 25.44 +16 11.5 20.0	-0.88	- 4.2	0.6/01.6	64282
2007 FB ₃₆	2009 11 01.1	02 25.45 +10 04.9 20.7	-0.91	- 5.8	1.6/31.0	62517
2001 XR ₁₆₁	2009 11 01.1	02 25.46 +23 10.8 18.9	-0.91	- 8.3	3.2/03.8	64174
2009 TB ₃₆	2009 11 01.1	02 25.47 +10 42.2 19.2	-0.94	- 5.9	1.9/31.2	64068
2007 EW ₁₆₈	2009 11 01.1	02 25.47 +08 43.4 21.2	-0.88	- 4.4	1.9/30.7	20857
2005 NQ ₇₀	2009 11 01.1	02 25.48 +10 11.1 20.0	-1.02	- 4.6	1.8/31.1	60829
1993 FL ₁₇	2009 11 01.1	02 25.52 +10 48.3 20.7	-1.02	- 3.3	1.2/31.3	62291
2002 AK ₂₀₂	2009 11 01.1	02 25.53 +17 41.2 19.2	-0.89	- 5.5	1.3/02.1	64179
2007 HP ₄₃	2009 11 01.1	02 25.57 +07 23.4 19.1	-0.88	- 0.9	2.4/30.6	64321
2004 XK ₃₂	2009 11 01.1	02 25.58 -11 06.5 19.5	-0.87	+ 0.7	7.3/26.4	64237
2007 HH ₃₈	2009 11 01.2	02 25.54 +07 15.9 21.1	-0.76	- 4.4	2.0/30.3	64321
2001 XE ₂₀	2009 11 01.2	02 25.54 +21 45.6 17.6	-0.88	- 1.7	3.7/03.0	64172
2000 VQ ₄	2009 11 01.2	02 25.55 +14 20.5 18.8	-0.93	- 2.6	0.0/01.2	64157
2003 SS ₁₇₅	2009 11 01.2	02 25.57 +26 19.9 19.5	-0.87	- 4.0	3.8/04.5	64209
2008 RZ ₁₂₃	2009 11 01.2	02 25.58 +13 00.6 20.8	-0.51	- 3.0	0.3/31.8	63865
2005 YS ₂₀₇	2009 11 01.2	02 25.59 +16 13.8 20.8	-0.90	- 3.8	0.7/01.7	62472
2003 BL ₃₈	2009 11 01.2	02 25.65 +01 17.5 19.3	-0.95	- 4.1	4.9/28.8	64200
2005 XC ₁₄	2009 11 01.2	02 25.65 +08 25.4 19.8	-0.87	- 4.6	2.1/30.6	64278
2008 EV ₄₇	2009 11 01.2	02 25.67 +05 55.9 19.8	-0.97	- 7.6	3.4/29.9	62527
2005 UK ₂₉₇	2009 11 01.2	02 25.67 +18 30.2 20.2	-0.89	- 7.9	1.3/02.4	63747
2002 BR ₂	2009 11 01.2	02 25.67 +20 44.1 19.4	-0.95	- 4.0	2.4/02.9	64179
2002 YE ₁₇	2009 11 01.2	02 25.67 +21 18.6 19.5	-1.05	- 5.5	2.9/03.0	64199
2004 FU ₁₁₅	2009 11 01.2	02 25.68 +10 00.2 20.2	-1.02	- 3.2	1.4/31.2	62390
2005 PW ₁₀	2009 11 01.2	02 25.68 +11 54.9 18.5	-0.96	- 1.9	1.3/31.6	64246
2005 XH ₃₉	2009 11 01.2	02 25.69 +19 28.2 20.3	-0.93	- 6.0	1.8/02.6	56037
2007 HW ₇₉	2009 11 01.2	02 25.69 +11 29.3 20.5	-0.83	- 8.2	0.9/31.4	64321
1995 SV ₈	2009 11 01.2	02 25.69 +18 24.6 20.7	-1.11	- 4.3	1.5/02.2	40082
2007 CY ₁₂	2009 11 01.2	02 25.73 +18 27.8 18.4	-0.88	- 9.1	2.2/02.4	63813
2004 RD ₁₄₈	2009 11 01.2	02 25.76 +03 11.5 19.6	-0.85	- 4.0	4.0/29.3	62398
2006 AQ ₁₀	2009 11 01.2	02 25.76 -19 49.3 21.5	-0.76	- 1.6	7.8/22.5	43250
2004 TN ₂₀₁	2009 11 01.2	02 25.83 +15 30.2 19.9	-0.94	- 0.7	0.3/01.5	64232
2006 FM ₁₇	2009 11 01.2	02 25.83 +06 18.0 20.8	-0.73	- 6.7	2.3/29.8	01519
2005 YG ₂₇₂	2009 11 01.2	02 25.89 +00 32.1 20.0	-0.90	- 3.0	4.9/28.7	21169
2000 BL ₃₉	2009 11 01.2	02 25.89 +02 44.4 21.7	-0.74	- 3.6	3.1/29.1	62302
2007 EX ₂	2009 11 01.2	02 25.91 +27 02.2 21.7	-1.03	- 2.5	3.7/04.3	19708
2008 FC ₁₅	2009 11 01.2	02 25.96 +06 44.9 19.0	-1.15	+ 2.6	3.1/31.0	64327
2007 DU ₂₂	2009 11 01.2	02 25.96 +03 50.6 20.4	-0.92	- 6.0	4.3/29.4	26248
2005 WS ₁₆₅	2009 11 01.2	02 25.98 +04 12.6 20.3	-1.02	+ 0.4	4.3/30.2	98012
2003 HA ₄₆	2009 11 01.2	02 26.00 +06 18.7 20.5	-0.96	- 1.0	2.5/30.5	94996
2006 AR ₁₃	2009 11 01.3	02 25.93 -00 46.5 20.1	-0.86	- 4.0	5.4/28.2	98075
2004 JZ ₂₆	2009 11 01.3	02 25.96 +04 21.6 19.7	-1.07	0.0	3.7/30.3	38028
2008 FF ₁₂₆	2009 11 01.3	02 25.96 +00 13.1 21.0	-0.88	- 6.6	4.7/28.4	62532
2004 TE ₇₇	2009 11 01.3	02 25.96 +11 16.9 20.3	-0.82	- 5.8	1.0/31.4	62405
2005 NX ₂₁	2009 11 01.3	02 25.99 +22 32.1 20.6	-1.09	- 6.6	3.0/03.5	64244
2004 PF ₈₀	2009 11 01.3	02 26.01 +32 04.6 19.5	-1.03	- 3.9	6.1/06.2	64222
2007 EW ₂₁₉	2009 11 01.3	02 26.02 +17 14.4 20.1	-0.96	- 2.1	1.0/02.0	64316
2008 ST ₁₅₃	2009 11 01.3	02 26.07 +22 48.2 19.1	-0.61	- 1.5	1.7/03.6	63867

2004 YZ ₃₀	2009 11 01.3	02 26.08 -21 51.5 18.9	-0.88	+ 1.5	11.9/23.5	62416
2004 RD ₁₆₀	2009 11 01.3	02 26.08 +24 21.8 19.6	-0.95	- 3.8	3.5/03.9	64225
2007 FF ₂₁	2009 11 01.3	02 26.13 +08 41.4 22.0	-0.86	- 4.8	1.7/30.8	31526
2004 RL ₁₃₆	2009 11 01.3	02 26.14 +15 46.9 19.1	-0.80	-10.8	0.5/01.8	63682
2004 JW ₈	2009 11 01.3	02 26.15 +12 03.0 21.1	-1.00	- 4.7	0.8/31.7	64219
2006 CW ₆₇	2009 11 01.3	02 26.22 +14 07.8 20.8	-0.82	- 4.3	0.1/01.3	64292
1998 SK ₈₇	2009 11 01.3	02 26.27 +15 05.3 18.1	-0.81	- 9.5	0.3/01.6	64147
2005 YA ₁₀₆	2009 11 01.3	02 26.29 +19 21.6 20.0	-0.86	- 4.9	1.5/02.7	64282
2003 SO ₁₄	2009 11 01.3	02 26.32 +34 36.5 19.4	-1.09	+ 1.6	7.7/05.7	64207
2007 DR ₁₀₅	2009 11 01.3	02 26.33 +21 05.1 20.4	-0.98	- 4.2	2.5/03.1	22879
2005 YR ₁₁₈	2009 11 01.3	02 26.34 +19 38.7 20.9	-0.92	- 3.6	1.7/02.7	64283
2005 NB ₁₁₇	2009 11 01.3	02 26.38 +20 51.5 19.5	-0.97	- 5.8	3.0/03.1	64245
2002 YT ₂₄	2009 11 01.3	02 26.38 +10 29.0 19.2	-0.94	- 4.7	1.9/31.4	64199
1996 RC ₁₉	2009 11 01.4	02 26.33 +25 52.1 20.8	-1.07	- 2.0	3.9/04.1	64145
2007 ER ₁₆₀	2009 11 01.4	02 26.34 +39 04.5 19.3	-1.59	+ 4.9	8.8/05.3	64315
1995 VF ₁₆	2009 11 01.4	02 26.34 +13 06.4 20.4	-0.89	- 3.7	0.5/01.1	64144
2002 RV ₉₃	2009 11 01.4	02 26.35 +17 44.9 17.9	-0.79	- 8.0	1.7/02.4	64191
2002 VZ ₈	2009 11 01.4	02 26.39 +23 51.9 19.4	-1.10	- 2.7	4.3/03.6	64196
2000 QY ₈₄	2009 11 01.4	02 26.39 +12 07.4 19.4	-0.88	- 6.7	0.9/31.8	64154
2003 QH ₇₅	2009 11 01.4	02 26.40 -01 14.4 18.4	-0.64	- 9.6	6.1/27.1	63658
2007 CZ ₂₄	2009 11 01.4	02 26.41 +22 45.0 20.1	-1.05	- 5.5	3.1/03.6	64306
2001 OP ₁₁	2009 11 01.4	02 26.43 +14 43.5 19.5	-1.08	- 2.5	0.1/01.5	64160
2008 HR ₆₆	2009 11 01.4	02 26.44 -02 55.4 20.4	-0.96	- 3.5	6.0/28.2	59134
2000 SM ₉₇	2009 11 01.4	02 26.48 +18 36.6 18.9	-0.89	- 6.3	1.5/02.6	63611
2004 LK ₂₃	2009 11 01.4	02 26.51 +00 56.0 21.0	-1.02	- 1.7	4.8/29.6	70366
2005 WT ₁₀₉	2009 11 01.4	02 26.52 +09 15.5 20.8	-0.89	- 3.3	1.6/31.1	59766
2005 WA ₁₀₁	2009 11 01.4	02 26.57 +14 34.6 18.7	-0.86	- 5.8	0.0/01.5	63767
2008 RF ₅₇	2009 11 01.4	02 26.58 +08 17.2 19.9	-0.51	- 3.7	1.2/30.6	63863
2004 RG ₁₇₁	2009 11 01.4	02 26.60 +10 48.4 19.4	-0.83	- 5.9	1.5/31.4	64225
2002 AW ₁₀₇	2009 11 01.4	02 26.64 +05 02.4 19.3	-0.91	- 3.8	3.9/30.0	64178
2005 YU ₁₇₄	2009 11 01.4	02 26.68 +40 06.3 19.3	-1.16	- 0.3	11.2/07.5	64284
2007 GX ₂₀	2009 11 01.4	02 26.74 +12 31.4 20.4	-0.91	- 0.9	0.6/01.0	63832
2003 AT ₂₀	2009 11 01.4	02 26.76 +01 44.6 19.7	-1.03	- 2.5	4.8/29.5	64199
2005 SJ ₂₇	2009 11 01.4	02 26.79 +22 25.4 20.6	-1.07	- 5.2	2.9/03.6	64252
1995 FA ₆	2009 11 01.5	02 26.74 +17 26.0 21.3	-0.96	- 3.6	0.9/02.2	14580
2003 SZ ₁₀₀	2009 11 01.5	02 26.75 +24 47.8 18.4	-0.81	- 6.4	3.4/04.6	63662
2007 HR ₈₆	2009 11 01.5	02 26.79 +07 39.1 20.8	-0.85	- 4.0	2.1/30.7	63837
2001 YM ₈₅	2009 11 01.5	02 26.81 +38 56.0 19.8	-1.07	- 4.9	9.1/08.6	94441
2005 YB ₁₇₆	2009 11 01.5	02 26.81 +16 17.5 20.1	-0.88	- 4.2	0.6/02.0	64284
2002 ER ₁₃₇	2009 11 01.5	02 26.82 +10 31.6 21.0	-0.87	- 4.7	1.3/31.5	62345
2005 ME ₃₉	2009 11 01.5	02 26.82 +23 47.6 19.4	-1.09	- 5.4	4.1/04.0	63708
2004 RV ₁₃₅	2009 11 01.5	02 26.83 +14 13.1 20.4	-0.91	- 3.3	0.1/01.5	19625
2007 BP ₆₉	2009 11 01.5	02 26.87 +08 57.9 20.4	-1.00	- 5.2	2.2/31.1	19696
2006 CQ ₁₂	2009 11 01.5	02 26.88 +11 03.3 20.9	-0.81	- 4.2	1.1/31.6	62480
2007 EB ₁₃₄	2009 11 01.5	02 26.88 +14 29.9 20.6	-0.83	- 3.7	0.0/01.5	22883
2004 OM ₁₅	2009 11 01.5	02 26.89 +12 26.3 19.7	-1.03	- 0.6	0.9/01.1	64221
2001 YS ₄	2009 11 01.5	02 26.92 +24 13.2 18.9	-1.16	+ 0.8	3.6/03.5	64175
2005 TP ₆₄	2009 11 01.5	02 26.95 +34 08.2 20.8	-1.46	+ 2.7	7.1/04.9	19202
2004 RP ₂₃₄	2009 11 01.5	02 26.96 -06 11.3 20.7	-0.80	- 7.2	7.6/26.1	64226
2005 OR ₂₈	2009 11 01.5	02 27.02 +11 33.4 19.2	-0.94	- 7.6	1.2/31.7	64246
2007 EB ₂₁₄	2009 11 01.5	02 27.03 +14 53.3 21.1	-0.93	- 5.5	0.1/01.7	21878

2002 QB ₅₄	2009 11 01.5	02 27.08 +04 20.7 20.8	-1.04	- 5.4	4.1/30.0	37961
2004 HY ₃₀	2009 11 01.5	02 27.09 +23 30.4 20.0	-1.09	- 4.4	3.3/03.9	64219
2005 NL ₈₄	2009 11 01.5	02 27.09 +18 28.2 19.4	-1.08	- 4.9	1.7/03.0	64244
2006 SA ₃₈	2009 11 01.5	02 27.10 +46 09.9 19.7	-1.87	+ 5.9	15.5/06.6	14787
2003 SQ ₉₇	2009 11 01.5	02 27.11 +30 44.5 18.8	-0.81	- 7.1	5.7/06.7	63662
2007 GV ₇₃	2009 11 01.5	02 27.12 +02 46.9 19.9	-0.77	- 6.0	3.6/29.2	62519
2004 FB ₃₁	2009 11 01.5	02 27.14 -15 40.8 21.0	-0.94	- 1.7	9.3/25.4	59722
2007 GX ₁	2009 11 01.5	02 27.14 +15 32.3 19.8	-1.39	+ 2.2	0.4/01.7	20861
2001 FC ₁₈₇	2009 11 01.5	02 27.17 +20 48.9 20.0	-0.84	- 2.9	1.7/03.2	64160
2006 CS ₆₃	2009 11 01.6	02 27.14 +02 56.0 21.5	-0.84	- 2.9	3.4/29.7	62480
2007 FQ ₂	2009 11 01.6	02 27.14 -01 39.8 20.3	-0.94	- 1.7	5.1/28.8	22885
2008 RZ ₂₀	2009 11 01.6	02 27.16 +24 02.3 19.9	-0.58	- 2.1	1.8/04.3	46647
2004 VV ₄₀	2009 11 01.6	02 27.16 +13 49.7 20.1	-0.82	- 4.8	0.2/01.4	64235
2005 MH ₃₉	2009 11 01.6	02 27.16 +23 56.1 19.1	-1.04	- 5.1	4.4/04.1	63709
2004 XC ₁₀₂	2009 11 01.6	02 27.19 +19 12.7 19.8	-1.00	+ 0.5	1.4/02.6	62415
2008 FQ ₉₆	2009 11 01.6	02 27.19 +12 45.1 21.1	-1.12	- 2.4	0.6/01.2	40751
2004 RM ₂₃₀	2009 11 01.6	02 27.23 +16 31.8 19.4	-0.88	- 4.0	0.7/02.1	64226
2001 VO ₇₄	2009 11 01.6	02 27.24 +08 00.1 19.6	-1.15	+ 4.0	3.0/31.6	64170
2002 QM ₇₃	2009 11 01.6	02 27.28 +15 46.4 20.1	-1.12	- 3.6	0.5/01.9	64189
2007 GT ₁	2009 11 01.6	02 27.29 +14 36.7 20.2	-0.82	- 3.4	0.0/01.7	64318
2005 UN ₂₀₁	2009 11 01.6	02 27.30 +12 43.5 20.3	-0.94	- 4.3	0.7/01.2	64266
2000 RM ₈₁	2009 11 01.6	02 27.35 +37 16.2 18.6	-1.07	- 6.9	9.0/09.1	63609
2004 XO ₁₉	2009 11 01.6	02 27.35 -13 05.8 19.6	-0.92	+ 1.3	8.7/26.4	64237
1994 JT ₆	2009 11 01.6	02 27.40 +10 40.5 20.8	-0.92	- 2.6	1.2/31.7	62291
2004 GX ₃	2009 11 01.6	02 27.41 +17 05.3 20.2	-1.05	- 3.8	1.0/02.3	14720
2001 XJ ₅₆	2009 11 01.6	02 27.42 +03 42.0 19.5	-0.94	- 1.7	4.9/30.1	62331
2005 WO ₄₅	2009 11 01.6	02 27.42 +14 11.0 20.3	-0.98	- 4.0	0.2/01.6	96471
2002 CE ₁₁₃	2009 11 01.6	02 27.46 +03 18.7 19.9	-0.85	- 4.2	3.7/29.7	62340
2007 EH ₂₀₀	2009 11 01.6	02 27.47 +17 01.1 20.9	-1.06	- 1.0	0.8/02.2	19449
2005 UB ₇₉	2009 11 01.6	02 27.47 +13 28.7 18.9	-0.85	-10.3	0.4/01.3	64262
2007 DP ₁₀₅	2009 11 01.6	02 27.48 +16 33.9 20.7	-0.95	- 3.8	0.7/02.2	20545
2005 YM ₇	2009 11 01.6	02 27.48 +11 05.7 20.3	-0.86	- 3.4	1.1/31.8	62467
2003 SH ₈₈	2009 11 01.6	02 27.48 +16 40.8 19.0	-0.82	- 3.0	0.8/02.2	64207
2003 BZ ₅₅	2009 11 01.6	02 27.50 +51 23.3 20.4	-1.51	- 0.3	14.1/10.7	77689
2006 YB ₅₂	2009 11 01.6	02 27.51 -02 35.8 20.4	-0.87	- 4.0	5.9/28.3	64302
2008 GW ₄₆	2009 11 01.6	02 27.52 +04 24.9 21.7	-0.95	- 5.5	3.7/30.0	40210
2002 XN ₄₆	2009 11 01.6	02 27.52 +24 54.8 19.5	-1.08	- 4.0	4.3/04.2	64198
2005 UR ₃₅₃	2009 11 01.6	02 27.52 +22 49.9 19.6	-1.03	- 3.3	2.6/03.7	64269
2004 TO ₃₇	2009 11 01.6	02 27.54 +13 09.5 20.3	-0.84	- 4.7	0.5/01.3	20804
2002 SN ₄₅	2009 11 01.6	02 27.55 +14 00.4 18.9	-1.04	- 5.8	0.3/01.5	64192
2008 HY ₃₅	2009 11 01.6	02 27.58 +07 31.3 20.3	-1.05	- 0.2	2.5/31.3	40020
2007 ER ₁₃₉	2009 11 01.6	02 27.58 +15 35.6 18.8	-1.03	- 2.1	0.5/01.9	64314
2008 HC ₅₅	2009 11 01.7	02 27.51 +12 43.5 22.3	-0.97	- 5.3	0.6/01.2	41658
2000 QA ₁₃₁	2009 11 01.7	02 27.52 +35 12.9 18.4	-1.11	- 2.7	8.6/07.3	64154
2005 WO ₁₅₄	2009 11 01.7	02 27.52 -05 20.6 20.0	-0.90	- 2.4	7.0/27.8	16340
2005 WG ₁₉	2009 11 01.7	02 27.58 +00 07.0 18.8	-0.67	- 4.7	7.7/28.3	64274
2006 DH ₁₂	2009 11 01.7	02 27.59 +08 01.3 20.7	-0.73	- 4.3	1.7/30.9	64292
2005 UO ₁₈₉	2009 11 01.7	02 27.61 +15 35.2 20.1	-0.97	- 3.8	0.4/02.0	64266
2006 DM ₃₀	2009 11 01.7	02 27.62 +18 24.9 21.5	-0.82	- 3.6	1.1/02.7	02289
2002 VV ₅₈	2009 11 01.7	02 27.64 +13 13.2 17.9	-0.84	- 9.4	0.7/01.3	64196
2005 VK ₇₅	2009 11 01.7	02 27.67 +12 24.7 19.3	-1.04	- 1.2	0.8/01.3	64272

2008 RC ₁₁₀	2009 11 01.7	02 27.73 +01 11.9 21.0	-0.50	- 4.5	2.6/28.7	63864
2008 UZ ₇	2009 11 01.7	02 27.73 +21 55.5 19.9	-0.56	- 2.2	1.4/03.8	64339
2004 TV ₂₉₂	2009 11 01.7	02 27.75 +13 23.3 20.5	-0.85	- 4.7	0.4/01.4	64233
2005 PT ₆	2009 11 01.7	02 27.75 +10 25.1 20.4	-1.11	- 2.7	1.6/31.8	64246
2001 BS ₁₆	2009 11 01.7	02 27.82 -13 30.2 19.4	-0.55	- 1.1	5.2/24.8	43118
2008 SV ₂₂₆	2009 11 01.7	02 27.83 +03 47.1 21.3	-0.48	- 4.9	1.9/29.4	62543
2005 QU ₁₄₀	2009 11 01.7	02 27.85 +03 11.1 19.5	-0.93	- 5.9	4.7/29.7	62429
2007 DQ ₆	2009 11 01.7	02 27.96 +19 23.5 20.9	-1.02	- 5.4	1.7/03.0	19701
2006 YU ₅₁	2009 11 01.7	02 27.97 +05 09.5 19.6	-0.97	- 5.3	4.1/30.3	64302
2006 XX ₇₀	2009 11 01.7	02 27.97 +20 13.0 20.1	-1.00	- 5.9	2.0/03.3	62497
2005 XC ₅₂	2009 11 01.8	02 27.89 +14 49.0 19.0	-0.95	- 2.3	0.1/01.9	64279
2005 TB ₁₅₁	2009 11 01.8	02 27.89 +08 09.7 20.7	-0.94	- 5.5	2.3/31.1	62441
2002 AV ₅₄	2009 11 01.8	02 27.91 -12 04.5 19.9	-0.87	- 2.2	10.1/25.8	97546
2000 EV ₇₅	2009 11 01.8	02 27.94 -01 59.5 19.4	-0.81	- 3.9	5.4/28.2	64153
2007 HG ₄₀	2009 11 01.8	02 27.96 +11 08.5 19.9	-0.87	- 3.2	1.2/32.0	64321
2007 EL ₁₅₇	2009 11 01.8	02 27.96 -05 33.2 19.7	-0.86	- 3.3	6.6/27.6	40710
2004 HM ₅₀	2009 11 01.8	02 27.98 +07 42.9 21.1	-0.99	- 6.3	2.4/31.0	66370
2002 QT ₈₈	2009 11 01.8	02 28.02 +04 10.3 21.0	-0.99	- 6.8	4.1/30.1	41101
2005 VC ₁₁₈	2009 11 01.8	02 28.06 -34 47.2 19.0	-0.93	+10.6	25.3/22.1	62459
2002 AB ₁₀₅	2009 11 01.8	02 28.07 +09 50.8 19.9	-0.93	- 4.0	1.7/31.6	20758
2008 RK ₂₇	2009 11 01.8	02 28.08 +20 36.0 19.3	-0.54	- 3.3	1.1/03.6	50167
2005 UD ₁₅₃	2009 11 01.8	02 28.09 +17 05.3 19.8	-0.93	- 5.4	0.8/02.5	64264
2007 LD ₃₂	2009 11 01.8	02 28.12 +06 21.1 21.2	-0.81	- 1.6	2.2/30.9	22893
2006 BD ₁₇₄	2009 11 01.8	02 28.14 +07 26.4 19.6	-0.83	- 2.6	2.3/31.1	64290
2007 ED ₄	2009 11 01.8	02 28.15 +17 41.9 20.3	-0.93	- 3.9	1.0/02.6	62509
2006 BB ₅₂	2009 11 01.8	02 28.20 +21 04.4 20.4	-0.83	- 3.6	1.8/03.6	64288
2007 FP ₄₁	2009 11 01.8	02 28.24 +23 24.0 19.3	-1.06	- 1.6	3.4/03.9	64317
2003 SW ₂₇₂	2009 11 01.8	02 28.25 +27 02.4 19.8	-0.90	- 2.3	3.9/05.0	95103
2004 ST ₃₃	2009 11 01.8	02 28.25 +13 51.1 18.8	-0.98	- 0.4	0.3/01.7	64228
2004 EY ₃₈	2009 11 01.8	02 28.26 +04 31.7 20.2	-0.97	- 4.4	3.4/30.3	87619
2003 SP ₆₆	2009 11 01.8	02 28.28 +11 09.8 19.8	-0.75	- 7.0	1.1/31.9	64207
2005 TH ₁₄₁	2009 11 01.8	02 28.30 +10 30.7 20.8	-0.97	- 4.0	1.5/31.9	28233
2006 DL ₇₁	2009 11 01.8	02 28.32 +24 22.2 20.7	-0.87	- 2.4	2.8/04.3	63795
2005 QD ₁₁	2009 11 01.8	02 28.33 +17 46.2 20.1	-1.00	- 4.2	1.4/03.0	63714
2007 BU ₅₆	2009 11 01.8	02 28.37 +12 46.5 18.8	-1.04	- 2.2	0.9/01.5	64304
2004 VJ ₇₀	2009 11 01.9	02 28.31 +13 26.6 19.4	-0.79	- 6.0	0.4/01.6	64236
2006 DB ₁₁₀	2009 11 01.9	02 28.32 +25 49.5 19.9	-0.95	- 1.0	3.9/04.5	64293
2006 DC ₈₃	2009 11 01.9	02 28.33 +03 02.6 20.6	-0.73	- 5.7	3.4/29.6	62481
2005 QW ₁₁₄	2009 11 01.9	02 28.34 +20 05.1 20.3	-1.05	- 3.3	2.2/03.2	21822
2008 GA ₈₂	2009 11 01.9	02 28.37 +09 09.5 20.0	-1.02	- 4.3	2.2/31.6	62534
2007 AR ₂₄	2009 11 01.9	02 28.37 +23 51.7 19.1	-1.08	- 3.7	4.4/04.2	64303
2006 BG ₁₆₇	2009 11 01.9	02 28.47 -01 29.9 20.3	-0.74	- 4.1	4.6/28.5	48990
2007 EN ₁₀₆	2009 11 01.9	02 28.49 +27 28.0 20.6	-1.05	- 1.2	3.8/04.9	43276
2004 SH ₄₇	2009 11 01.9	02 28.51 +16 41.6 19.8	-0.84	- 6.0	0.7/02.5	64229
2008 RH ₃	2009 11 01.9	02 28.52 +16 07.4 19.4	-0.54	- 2.9	0.3/02.4	64336
2001 WE ₇	2009 11 01.9	02 28.53 +09 42.8 19.7	-1.01	- 3.6	2.1/31.7	64171
2005 TA ₄₄	2009 11 01.9	02 28.55 +17 43.2 20.3	-1.02	- 5.0	1.2/02.7	64258
2007 ED ₂₂₁	2009 11 01.9	02 28.55 +13 29.5 20.2	-0.91	- 2.9	0.4/01.7	64317
2008 TR ₁₁₈	2009 11 01.9	02 28.63 +22 45.0 20.9	-0.57	- 2.0	1.5/04.2	64338
2001 WM ₇₀	2009 11 01.9	02 28.65 +09 53.9 19.6	-0.97	- 2.5	2.0/31.9	64172
2005 YG ₇₁	2009 11 01.9	02 28.66 +28 15.2 20.2	-0.97	- 4.4	4.7/05.6	01174

2005 TG ₁₉₃	2009 11 01.9	02 28.66 +15 38.2 21.4	-0.99	- 4.7	0.3/02.2	64260
2005 AK ₄₅	2009 11 01.9	02 28.69 +51 43.6 19.2	-1.45	+ 3.7	12.8/10.0	64239
2002 HU ₉	2009 11 01.9	02 28.71 +14 07.4 19.5	-0.94	- 3.0	0.2/01.9	64185
2006 YM ₈	2009 11 01.9	02 28.72 +25 04.7 20.0	-1.08	- 5.5	4.4/04.7	63806
2007 BV ₂₁	2009 11 01.9	02 28.75 +28 00.4 20.3	-1.11	- 4.1	5.3/05.4	17684
2006 UU ₂₁₀	2009 11 01.9	02 28.77 +21 59.2 19.7	-1.22	- 7.1	3.3/03.9	64298
2004 TY ₁₅₁	2009 11 02.0	02 28.66 +16 16.4 20.1	-0.87	- 4.3	0.6/02.4	64232
2003 HW ₅₈	2009 11 02.0	02 28.66 +16 55.4 19.4	-0.52	- 4.1	0.4/02.7	63656
2007 JE ₂₀	2009 11 02.0	02 28.67 +11 54.4 21.6	-0.77	- 3.7	0.7/01.3	26288
2007 GC ₄₇	2009 11 02.0	02 28.68 +07 06.5 20.2	-0.84	- 1.7	2.2/31.2	64319
2003 DN ₁₅	2009 11 02.0	02 28.68 -05 07.1 19.8	-0.88	- 3.4	6.3/27.9	64201
2002 XL ₂₉	2009 11 02.0	02 28.69 -13 00.6 20.1	-1.11	- 0.4	9.0/26.4	21324
2007 CM	2009 11 02.0	02 28.73 +02 47.7 20.0	-0.97	- 5.2	4.9/29.9	64305
2004 RA ₃₂₁	2009 11 02.0	02 28.76 +21 07.8 19.6	-0.89	- 5.3	2.4/03.8	64227
2007 EW ₁₀	2009 11 02.0	02 28.81 +10 35.7 18.7	-0.89	- 5.9	1.6/31.9	63820
2004 FP ₄₁	2009 11 02.0	02 28.86 +09 27.6 20.2	-0.98	- 4.5	1.8/31.7	62389
2005 YQ ₁₈₂	2009 11 02.0	02 28.88 +27 27.5 19.4	-0.91	- 6.0	4.0/05.6	64284
2009 TB ₁₄	2009 11 02.0	02 28.90 +19 09.7 18.6	-1.09	+ 0.8	1.6/03.0	64060
2005 WX ₁₈₀	2009 11 02.0	02 28.90 +01 25.1 19.9	-0.85	- 7.8	4.7/29.1	62464
2007 DJ ₂₈	2009 11 02.0	02 28.93 +13 33.0 20.6	-1.03	- 3.9	0.4/01.8	20849
2005 UM ₁₀₉	2009 11 02.0	02 28.95 +16 55.0 19.9	-1.01	- 2.1	0.8/02.6	63740
2000 GD ₅₅	2009 11 02.0	02 28.97 +16 07.3 19.9	-1.03	- 3.9	0.5/02.4	64153
2006 XH ₂₂	2009 11 02.0	02 28.98 +00 50.8 19.0	-1.03	- 0.2	7.2/30.1	64301
2004 TX ₁₁₇	2009 11 02.0	02 29.02 +09 59.2 18.8	-0.96	- 0.6	1.7/01.0	63688
2005 JP ₁₄₃	2009 11 02.0	02 29.02 +10 21.8 20.7	-1.06	- 5.7	1.8/32.0	64242
2001 XS ₁₅₉	2009 11 02.0	02 29.05 +25 55.9 19.3	-0.97	- 6.5	3.7/05.2	64174
2007 FZ ₂₄	2009 11 02.0	02 29.06 +16 33.3 20.9	-0.94	- 3.5	0.6/02.5	64317
2005 PV ₁₈	2009 11 02.0	02 29.13 +08 47.0 21.6	-0.99	- 6.5	2.2/31.5	64093
2005 SH ₂₄₇	2009 11 02.1	02 29.08 +14 43.3 20.3	-0.97	- 5.1	0.0/02.1	64257
1998 RF ₁₄	2009 11 02.1	02 29.10 +11 19.9 20.5	-1.01	- 5.7	1.5/01.2	63600
2005 YM ₅₉	2009 11 02.1	02 29.11 +16 58.0 20.6	-0.86	- 3.8	0.7/02.7	64281
2005 WF ₄₀	2009 11 02.1	02 29.11 +02 46.0 21.0	-0.95	- 1.4	3.9/30.4	62460
2002 EZ ₁₈	2009 11 02.1	02 29.13 +09 05.7 20.7	-0.84	- 5.1	1.9/31.6	60760
2002 ET ₈	2009 11 02.1	02 29.14 +04 00.9 20.4	-0.49	- 3.6	1.9/30.0	62343
2006 EG ₆₀	2009 11 02.1	02 29.15 +07 31.6 19.3	-0.75	- 6.4	2.3/31.0	64295
2000 VG ₇	2009 11 02.1	02 29.16 +14 56.2 19.5	-0.88	- 4.9	0.1/02.2	64157
2003 SS ₃₂₅	2009 11 02.1	02 29.16 +13 43.3 20.0	-0.76	- 6.3	0.3/01.8	64210
2006 FR ₄₉	2009 11 02.1	02 29.22 -08 47.9 20.4	-0.78	- 2.1	6.1/26.8	11166
2005 WD ₁₂₂	2009 11 02.1	02 29.26 +07 00.3 18.7	-0.91	- 0.7	3.8/31.4	64276
2004 GK ₆₀	2009 11 02.1	02 29.26 +21 34.1 19.7	-1.10	- 2.9	2.5/03.7	11053
2002 VP ₇₁	2009 11 02.1	02 29.27 +05 37.9 18.5	-1.02	- 0.8	4.4/31.2	63647
2006 EX ₆₉	2009 11 02.1	02 29.30 -03 53.2 20.6	-0.95	+ 1.0	5.2/29.2	62482
2006 EB ₃₉	2009 11 02.1	02 29.31 +45 35.5 20.0	-1.11	- 1.3	8.8/10.6	47400
2003 HE ₁₆	2009 11 02.1	02 29.32 +04 07.8 20.6	-0.95	- 1.6	3.3/30.7	19599
2003 GY ₄₇	2009 11 02.1	02 29.33 +09 08.5 21.8	-0.93	- 3.5	1.7/31.8	20306
2007 MX ₆	2009 11 02.1	02 29.34 -03 28.9 20.9	-0.71	- 5.0	5.0/27.9	26296
2002 AK ₁₀₉	2009 11 02.1	02 29.37 +22 18.4 18.3	-0.94	- 3.4	3.4/04.1	64178
2005 NW ₁₃	2009 11 02.1	02 29.43 +11 32.3 20.7	-1.02	- 5.5	1.2/01.4	64243
2002 QF ₉₄	2009 11 02.1	02 29.43 +29 58.6 19.4	-0.80	- 6.3	4.1/06.8	47225
2001 QN ₂₅₅	2009 11 02.1	02 29.44 +24 13.8 18.7	-1.09	- 1.6	4.2/04.3	64162
2007 EB ₉₁	2009 11 02.1	02 29.45 +09 00.2 20.4	-0.90	- 5.6	2.1/31.6	64313

2004 GM ₇₅	2009 11 02.1	02 29.48 +11 01.5 20.2	-0.95	- 6.6	1.3/01.2	64218
2006 AE ₂₉	2009 11 02.1	02 29.50 +32 52.5 20.0	-0.93	- 3.3	5.2/07.1	47373
2003 UM ₁₀₇	2009 11 02.1	02 29.50 +23 29.9 19.1	-0.78	- 8.2	2.8/04.9	66315
2004 XF ₅₉	2009 11 02.1	02 29.51 +20 06.3 18.5	-0.87	- 2.6	2.1/03.5	63699
2005 GJ ₇₃	2009 11 02.1	02 29.54 +06 35.4 21.2	-1.17	- 1.9	3.1/31.5	34823
2005 SK ₈₃	2009 11 02.2	02 29.45 +17 29.0 19.5	-1.01	- 3.4	1.2/02.9	64254
2006 DK ₈₉	2009 11 02.2	02 29.51 +37 56.7 20.4	-1.10	+ 0.1	7.6/07.7	01390
1998 SZ ₅₀	2009 11 02.2	02 29.52 +12 11.7 20.0	-0.76	- 6.8	0.8/01.5	64146
2005 JW ₁₄₃	2009 11 02.2	02 29.52 +08 55.7 20.2	-1.07	- 4.7	2.4/31.8	41180
2007 DV ₁₁₂	2009 11 02.2	02 29.53 -07 51.0 20.2	-0.88	- 2.3	7.1/27.5	41322
2004 LP ₃₁	2009 11 02.2	02 29.53 +15 16.7 19.9	-0.92	- 6.6	0.2/02.4	62393
2006 BU ₅₁	2009 11 02.2	02 29.56 +28 02.2 19.7	-0.91	- 3.2	4.0/05.7	47378
2000 SZ ₃₁₄	2009 11 02.2	02 29.57 +32 54.2 19.6	-1.02	- 6.8	5.9/07.7	40667
2007 EZ ₈₅	2009 11 02.2	02 29.59 +35 04.6 19.7	-1.35	+ 3.2	7.6/05.9	58565
2005 UB ₂₃₆	2009 11 02.2	02 29.59 +07 37.6 19.0	-0.95	- 2.5	3.2/31.6	64267
2002 EF ₁₀₄	2009 11 02.2	02 29.61 -05 21.0 19.5	-0.81	- 5.6	6.2/27.4	64183
2004 TG ₂₈₁	2009 11 02.2	02 29.61 +10 42.8 20.6	-0.85	- 3.1	1.3/01.2	62409
2005 QJ ₁₀₁	2009 11 02.2	02 29.63 +25 27.4 19.5	-1.09	- 4.9	4.2/05.0	64249
2004 EM ₇₆	2009 11 02.2	02 29.64 +20 42.2 20.1	-1.15	- 2.4	2.4/03.6	87621
2001 UP ₉₇	2009 11 02.2	02 29.65 +12 41.5 19.4	-1.07	+ 0.2	0.9/01.8	64168
2002 RA ₂₄₆	2009 11 02.2	02 29.66 +15 56.2 19.8	-1.04	- 5.1	12.0/23.0	63635
2005 VS ₉₈	2009 11 02.2	02 29.66 +37 55.2 18.8	-1.08	- 6.4	9.5/09.6	64273
2005 SL ₂₈₁	2009 11 02.2	02 29.67 +11 20.1 19.7	-0.97	- 2.2	1.3/01.5	11135
2007 DB ₃₃	2009 11 02.2	02 29.69 +28 51.6 21.1	-1.09	- 2.1	4.8/05.6	19702
2004 PU ₃₆	2009 11 02.2	02 29.70 +12 21.2 19.4	-0.86	- 6.4	0.9/01.6	64221
2006 DT ₁₉₅	2009 11 02.2	02 29.71 +29 19.4 20.7	-1.00	- 1.2	4.5/05.7	01442
2000 BR ₉	2009 11 02.2	02 29.72 +10 04.7 20.1	-0.94	- 5.1	2.3/01.0	17396
2004 RB ₃₃₅	2009 11 02.2	02 29.74 -06 36.4 19.7	-0.82	- 4.0	7.7/27.5	58840
2000 UM ₉₉	2009 11 02.2	02 29.74 +24 30.0 18.6	-0.87	- 8.4	3.5/05.2	64157
2005 QL ₄₈	2009 11 02.2	02 29.74 +12 02.2 19.6	-1.04	- 3.2	1.2/01.6	64248
2005 QM ₁₂₁	2009 11 02.2	02 29.75 +17 17.5 21.3	-1.05	- 5.5	1.0/03.0	97799
2006 DZ ₂₁₀	2009 11 02.2	02 29.78 -00 25.8 20.1	-0.70	- 8.0	4.1/28.5	47398
2007 AK ₂₆	2009 11 02.2	02 29.81 +19 55.6 20.5	-0.99	- 5.7	1.7/03.6	41858
2005 YR ₂₃₆	2009 11 02.2	02 29.84 +09 58.7 20.7	-0.85	- 4.2	1.6/01.0	41838
2004 JH ₂₄	2009 11 02.2	02 29.87 +10 51.2 20.1	-1.04	- 3.1	1.5/01.4	64220
2001 UL ₂₂₀	2009 11 02.2	02 29.88 +16 11.2 19.5	-0.78	-12.9	0.6/02.8	64169
2007 FR ₃₈	2009 11 02.2	02 29.92 +03 54.2 21.2	-0.89	- 2.6	3.2/30.7	22885
2005 TE ₅₂	2009 11 02.2	02 29.92 +02 32.3 19.4	-0.97	- 2.4	5.0/30.4	33464
2007 EP ₁₀₀	2009 11 02.2	02 29.94 +35 14.8 20.3	-1.09	- 3.1	6.6/07.6	49017
2009 TO ₁₄	2009 11 02.3	02 29.86 +08 17.8 18.8	-0.88	- 9.1	3.1/31.4	64060
2006 UM ₃₃₈	2009 11 02.3	02 29.87 +18 29.3 19.2	-1.02	- 9.0	1.8/03.4	64298
2000 EQ ₁₅	2009 11 02.3	02 29.88 +13 28.6 20.6	-0.97	- 5.1	0.4/02.0	64152
2005 SS ₇₉	2009 11 02.3	02 29.91 +16 28.7 20.2	-1.03	- 3.3	0.7/02.7	64254
2003 RG ₂₃	2009 11 02.3	02 29.91 +03 39.8 19.0	-0.75	- 5.6	3.5/30.2	64206
2002 ET ₁₀₀	2009 11 02.3	02 29.91 +19 59.3 19.8	-0.95	- 2.0	1.6/03.5	41780
2006 BT ₇₆	2009 11 02.3	02 29.93 -11 18.5 21.1	-0.76	- 2.5	7.3/26.4	40414
2003 SQ ₂₈₃	2009 11 02.3	02 29.95 +41 41.9 18.4	-1.05	- 1.5	9.8/09.5	64210
2008 RV ₁₂₅	2009 11 02.3	02 29.95 +14 07.5 19.3	-0.54	- 3.7	0.1/02.1	64337
2006 DC ₁₄₆	2009 11 02.3	02 29.97 +27 55.4 20.1	-0.93	- 1.7	4.2/05.6	41846
2007 CQ ₆₅	2009 11 02.3	02 29.99 +01 42.4 20.4	-0.93	- 0.9	3.8/30.4	64307
2001 YR ₁₂₇	2009 11 02.3	02 30.00 +20 21.3 18.6	-0.91	- 1.9	2.8/03.6	64177

2005 WJ ₄₀	2009 11 02.3	02 30.02 +09 59.5 20.2	-0.93	- 2.9	1.7/01.2	62460
2007 KD ₄	2009 11 02.3	02 30.04 +09 53.7 20.6	-0.75	- 6.3	1.4/31.9	21242
2005 SW ₂₀₀	2009 11 02.3	02 30.05 +09 31.9 21.4	-0.94	- 6.2	1.9/31.9	40694
2004 RH	2009 11 02.3	02 30.08 +16 42.9 19.1	-0.87	- 5.5	0.7/03.0	64222
2005 YM ₂₈₂	2009 11 02.3	02 30.08 +10 15.8 20.2	-0.86	- 3.6	1.5/01.2	63785
2002 RS ₂₇₁	2009 11 02.3	02 30.09 -02 23.9 21.1	-0.69	- 4.5	4.2/28.5	45994
2004 RM ₃₂	2009 11 02.3	02 30.10 +16 31.5 19.4	-0.94	- 3.1	0.6/02.8	63680
2002 CS ₂₅	2009 11 02.3	02 30.11 +54 27.2 19.3	-1.83	+ 2.6	19.9/13.3	10855
2008 PL ₄	2009 11 02.3	02 30.12 +25 04.2 20.6	-0.91	- 2.2	3.0/04.9	64335
2003 OX ₆	2009 11 02.3	02 30.13 +02 18.2 18.1	-0.72	- 7.1	4.9/29.7	64204
2004 TK ₁₅₃	2009 11 02.3	02 30.14 +16 15.8 20.6	-0.88	- 3.8	0.5/02.7	64232
2000 YB ₁₄₃	2009 11 02.3	02 30.14 +27 02.2 18.8	-0.99	- 2.4	4.8/05.3	64158
1999 XM ₉₁	2009 11 02.3	02 30.15 -22 24.8 19.4	-0.92	+ 1.0	12.2/23.4	64150
2008 RJ ₄₅	2009 11 02.3	02 30.16 +16 04.8 21.0	-0.53	- 2.1	0.2/02.7	62542
2003 FO ₆₂	2009 11 02.3	02 30.16 +13 26.7 20.4	-0.95	- 3.7	0.4/02.0	19596
2000 GV ₈₁	2009 11 02.3	02 30.17 +29 33.8 19.3	-1.26	- 0.5	5.8/05.4	64153
2005 YH ₁₅₀	2009 11 02.3	02 30.20 +31 13.0 20.7	-0.90	- 3.8	4.4/06.9	43248
2001 QO ₂₅₄	2009 11 02.3	02 30.22 +05 08.9 19.8	-1.01	- 2.9	3.6/31.2	40094
2003 QP ₄₁	2009 11 02.3	02 30.22 -16 57.2 19.2	-0.72	- 6.9	9.6/23.1	64205
2004 DQ ₂₁	2009 11 02.3	02 30.24 +18 16.2 19.5	-1.02	- 6.5	1.3/03.3	64215
2005 QV ₁₀₄	2009 11 02.3	02 30.26 +08 11.1 19.4	-0.88	- 7.5	2.9/31.5	64249
2005 YD ₁₇₉	2009 11 02.3	02 30.29 +09 52.3 20.2	-0.85	- 3.7	1.6/01.1	19681
2005 UR ₅₁₆	2009 11 02.3	02 30.29 +10 12.8 21.1	-1.00	- 4.1	1.7/01.3	39248
2007 AM ₂₈	2009 11 02.3	02 30.30 +14 07.0 21.2	-0.98	- 5.1	0.2/02.2	64303
2002 GP ₁₂₅	2009 11 02.3	02 30.32 +23 18.9 20.5	-0.96	- 2.1	2.6/04.4	58428
2001 PN ₃₅	2009 11 02.4	02 30.24 -11 08.3 19.2	-0.96	-17.9	12.0/23.8	64161
2006 BP ₂₉	2009 11 02.4	02 30.39 +14 03.8 20.5	-0.83	- 3.4	0.2/02.2	64288
2005 WM ₁₅₇	2009 11 02.4	02 30.41 +18 46.7 19.1	-0.84	- 5.5	1.8/03.5	64277
2004 JR ₂₉	2009 11 02.4	02 30.42 +15 04.6 19.9	-0.92	- 8.5	0.1/02.5	64220
2001 XG ₃	2009 11 02.4	02 30.43 +22 16.0 19.0	-1.01	- 5.1	3.0/04.4	64172
2009 UE ₈₉	2009 11 02.4	02 30.50 +24 28.9 19.2	-0.99	- 1.2	3.6/04.7	64078
2008 RV ₉₉	2009 11 02.4	02 30.53 +12 02.3 20.9	-0.51	- 2.5	0.5/01.7	64336
2007 GK ₄₀	2009 11 02.4	02 30.53 +13 19.2 19.5	-0.95	+ 0.2	0.5/02.1	63833
2006 AD ₈₂	2009 11 02.4	02 30.54 +04 41.9 20.6	-0.78	- 5.1	2.8/30.6	43252
2005 WF ₁₆₂	2009 11 02.4	02 30.54 +10 13.1 19.9	-0.91	- 3.3	1.6/01.3	64277
2006 DJ ₄₆	2009 11 02.4	02 30.55 +10 28.2 20.9	-0.78	- 3.9	1.2/01.3	38086
2001 XZ ₂₅₉	2009 11 02.4	02 30.58 +24 56.9 19.1	-0.91	- 3.6	4.9/05.1	64175
2001 AF ₃₂	2009 11 02.4	02 30.59 +35 24.1 19.6	-1.01	- 4.7	7.3/08.1	93909
2009 UF ₉₀	2009 11 02.4	02 30.60 +09 47.8 19.0	-0.77	- 8.4	1.8/32.0	64078
2002 EY ₁₆₁	2009 11 02.4	02 30.60 +02 34.2 20.9	-0.51	- 2.2	2.2/30.1	62345
2007 AR ₁₁	2009 11 02.4	02 30.60 +24 07.1 20.9	-1.06	- 5.2	3.5/04.9	18185
2007 CE ₅₄	2009 11 02.4	02 30.61 +12 52.4 20.2	-1.04	- 2.8	0.7/02.0	64307
2005 SC ₇₉	2009 11 02.4	02 30.63 +14 45.5 19.4	-0.96	- 1.7	0.0/02.5	63726
2006 DK ₁₁₁	2009 11 02.4	02 30.65 +18 50.5 20.4	-0.81	- 3.3	1.1/03.5	43262
2006 FR ₂₇	2009 11 02.4	02 30.65 +13 49.8 21.7	-0.75	- 3.3	0.2/02.2	01530
2002 CL ₆₀	2009 11 02.4	02 30.69 +11 54.2 18.5	-0.97	- 1.8	1.2/01.8	64180
2001 TT ₅₆	2009 11 02.4	02 30.75 +33 20.7 19.3	-2.08	+10.8	9.4/03.8	64165
2007 HM ₈₈	2009 11 02.5	02 30.71 +14 07.3 20.3	-0.80	- 4.4	0.2/02.3	47432
2007 EK ₆₅	2009 11 02.5	02 30.71 +22 35.1 19.3	-1.21	+ 1.3	3.7/03.9	63822
2005 WF ₄₇	2009 11 02.5	02 30.74 +17 25.7 20.1	-0.93	- 4.7	0.9/03.2	64275
2002 RV ₁₅₈	2009 11 02.5	02 30.78 +32 00.2 19.9	-0.90	- 1.7	4.9/06.9	97617

2007 DZ ₁₀₈	2009 11 02.5	02 30.82 +14 38.3 20.0	-0.98	- 5.6	0.1/02.5	31522
2004 CY ₁₀₇	2009 11 02.5	02 30.87 +34 58.8 20.7	-1.25	- 3.1	7.6/07.6	39194
2005 WB ₈₁	2009 11 02.5	02 30.88 +18 16.6 19.8	-0.91	- 5.0	1.2/03.5	64275
2001 XU ₉₁	2009 11 02.5	02 30.88 +03 30.6 19.1	-1.10	+ 4.0	5.3/31.7	64173
2005 TH ₁₅₁	2009 11 02.5	02 30.90 +09 54.1 20.5	-0.99	- 4.0	1.9/01.3	64260
2003 WC ₈₂	2009 11 02.5	02 30.91 +26 52.1 19.1	-0.82	- 4.9	3.7/06.0	43194
2005 WC ₃	2009 11 02.5	02 30.92 +07 34.5 19.5	-0.83	- 9.0	3.0/31.3	63759
2005 QE ₁₈₀	2009 11 02.5	02 30.96 +14 56.9 19.3	-0.95	- 6.7	11.1/23.0	64251
2005 NE ₁₂₅	2009 11 02.5	02 31.04 +23 45.1 19.8	-1.03	- 4.4	3.9/04.9	64245
2001 YE ₁₂₇	2009 11 02.5	02 31.06 +16 21.6 19.0	-0.99	- 2.6	0.6/02.9	64177
2006 AO ₉₂	2009 11 02.5	02 31.07 +29 40.4 19.9	-0.93	- 3.9	4.7/06.6	62475
2000 VK ₄₀	2009 11 02.5	02 31.09 +16 57.3 19.3	-0.88	- 5.9	0.8/03.2	64157
1991 TB ₁₆	2009 11 02.6	02 31.02 +15 29.9 18.5	-0.95	- 1.8	0.3/02.7	63596
2005 UZ ₁₂₇	2009 11 02.6	02 31.10 +17 02.7 20.5	-0.90	- 8.5	0.7/03.2	64264
2007 EQ ₂₁₃	2009 11 02.6	02 31.11 +11 20.0 20.3	-0.89	- 5.2	1.3/01.7	64316
2003 HX ₁₉	2009 11 02.6	02 31.12 +20 07.0 19.7	-0.99	- 2.4	1.7/03.9	64203
2004 TD ₆₀	2009 11 02.6	02 31.15 +14 59.2 19.3	-0.86	- 4.7	0.0/02.7	64230
2004 HV ₂₃	2009 11 02.6	02 31.18 +16 21.4 21.4	-0.95	- 7.4	0.5/03.0	41146
2001 UX ₁₆₁	2009 11 02.6	02 31.18 +15 21.5 18.7	-0.86	-10.3	9.8/14.0	64168
2001 AR ₄₁	2009 11 02.6	02 31.19 -07 54.1 20.3	-0.78	- 3.4	6.1/27.4	21302
2005 OE ₂	2009 11 02.6	02 31.23 +06 22.9 18.3	-0.97	+ 0.8	4.5/01.0	64245
2006 GQ ₄₉	2009 11 02.6	02 31.27 +12 30.8 19.5	-0.85	- 1.7	0.7/02.1	64295
2006 DV ₃₅	2009 11 02.6	02 31.27 +14 09.8 19.5	-0.81	- 4.1	0.2/02.5	41845
2005 XZ ₃₇	2009 11 02.6	02 31.28 +11 01.4 19.5	-0.90	- 3.2	1.4/01.7	64279
2002 UD ₄	2009 11 02.6	02 31.29 +55 46.4 18.7	-1.42	-10.7	16.3/20.9	12829
1995 SF ₇₃	2009 11 02.6	02 31.29 +10 45.4 20.9	-0.83	- 6.2	1.5/01.5	64144
2001 TN ₁₁₅	2009 11 02.6	02 31.30 +21 35.3 17.9	-1.09	+ 3.8	3.5/03.8	64166
1998 YH ₅	2009 11 02.6	02 31.32 -29 53.0 18.8	-0.70	- 3.1	16.4/16.7	64148
2004 HE ₃₅	2009 11 02.6	02 31.33 -12 46.2 20.3	-1.09	+ 2.8	10.2/29.2	59724
2007 GW ₃₃	2009 11 02.6	02 31.35 +12 06.9 20.3	-0.96	- 1.5	0.9/02.0	64318
2001 XJ ₂₅₀	2009 11 02.6	02 31.35 +27 53.9 18.1	-0.88	- 9.7	5.5/06.8	64175
2002 GV ₁₆₅	2009 11 02.6	02 31.38 +10 30.9 21.2	-0.83	- 3.9	1.2/01.5	20765
2007 DU ₁₀₅	2009 11 02.6	02 31.38 +16 39.1 20.5	-0.91	- 3.4	0.5/03.1	64310
2008 EH ₁₄₇	2009 11 02.6	02 31.38 +14 10.1 19.6	-1.07	- 7.2	11.4/23.0	64326
2003 EL ₁₆	2009 11 02.6	02 31.39 +59 44.3 20.7	-3.06	+ 8.8	19.5/09.3	37987
2003 UK ₉₀	2009 11 02.6	02 31.43 +14 03.3 20.8	-0.80	- 3.4	0.2/02.5	64211
2005 TL ₁₀₆	2009 11 02.6	02 31.44 +11 22.5 19.8	-0.90	- 7.6	1.5/01.7	64259
2004 TJ ₉₄	2009 11 02.6	02 31.45 +16 48.3 20.4	-0.89	- 3.5	0.6/03.2	20806
2003 WT ₁₅₆	2009 11 02.7	02 31.42 +04 58.7 19.6	-0.85	- 0.3	3.1/31.5	64213
2008 JA ₆	2009 11 02.7	02 31.45 +13 28.1 20.3	-1.09	- 5.7	0.6/02.4	64333
2003 KC ₁₀	2009 11 02.7	02 31.47 -14 39.9 19.5	-1.66	+ 9.5	15.3/30.4	64204
2001 TU ₆₃	2009 11 02.7	02 31.47 +15 17.2 18.3	-0.86	- 7.5	11.0/14.0	64165
2007 HR ₈₁	2009 11 02.7	02 31.50 +15 22.1 20.5	-0.87	- 2.7	0.1/02.8	64321
2005 VK ₂₃	2009 11 02.7	02 31.51 +17 06.9 20.5	-0.99	- 3.5	0.8/03.3	64272
2005 XS ₃₉	2009 11 02.7	02 31.53 +33 13.4 20.1	-1.04	- 5.2	5.4/07.5	02262
2008 TN ₁₁₈	2009 11 02.7	02 31.55 +23 29.8 20.6	-0.56	- 2.1	1.6/05.1	50438
2008 RJ ₁₂₁	2009 11 02.7	02 31.59 +12 32.3 20.8	-0.53	- 3.2	0.5/02.1	63864
2002 SJ ₂₆	2009 11 02.7	02 31.61 +17 15.3 17.5	-1.18	+ 2.9	1.2/03.1	63636
2008 SM ₂₃₂	2009 11 02.7	02 31.62 +22 58.5 19.8	-0.56	- 2.5	1.5/05.0	48632
2008 GE ₁₀₁	2009 11 02.7	02 31.67 +13 50.6 20.6	-1.05	- 2.0	9.2/23.0	63854
2005 UG ₃₀₂	2009 11 02.7	02 31.68 -08 14.6 19.0	-1.23	+ 5.1	8.4/30.7	40151

2008 RD ₁₈	2009 11 02.7	02 31.72 +13 36.0 20.0	-0.52	- 3.6	0.3/02.4	64336
2005 QQ ₃₈	2009 11 02.7	02 31.72 +05 34.1 19.0	-0.92	- 4.5	4.3/31.4	64247
2004 TG ₂₀₀	2009 11 02.7	02 31.79 +11 15.9 20.7	-0.84	- 4.4	1.2/01.8	64232
2006 DS ₃₀	2009 11 02.7	02 31.80 +27 52.2 21.0	-0.90	- 2.1	3.8/06.0	56041
2007 EM ₁₀₈	2009 11 02.7	02 31.81 +14 54.4 19.3	-0.95	- 2.0	8.7/14.0	64313
2005 VX ₆₁	2009 11 02.7	02 31.83 +15 22.3 20.8	-1.00	- 6.8	8.9/23.0	41222
2008 ED ₄₃	2009 11 02.7	02 31.86 +09 49.4 21.2	-1.01	- 4.9	1.9/01.5	64325
2005 VD ₄₉	2009 11 02.7	02 31.88 +14 39.5 19.6	-0.87	- 5.7	0.1/02.7	64272
2002 PW ₉₉	2009 11 02.7	02 31.90 +16 08.4 18.4	-1.18	- 1.3	0.5/03.0	64187
2008 RR ₈₅	2009 11 02.8	02 31.82 +34 31.0 20.4	-0.65	- 1.2	3.5/08.2	46684
2002 CP ₆₉	2009 11 02.8	02 31.83 +34 26.1 20.5	-1.01	- 3.5	5.6/08.0	43146
2003 FV ₇₀	2009 11 02.8	02 31.84 -00 24.9 20.4	-0.84	- 6.7	5.2/29.4	20304
2003 SB ₂₆₅	2009 11 02.8	02 31.84 +04 43.3 20.2	-0.74	- 5.0	2.9/31.0	43182
2004 RH ₁₀₄	2009 11 02.8	02 31.86 +16 00.7 19.7	-0.87	- 6.4	0.3/03.1	64224
2001 XO ₅₀	2009 11 02.8	02 31.88 -01 39.0 19.1	-1.07	+ 1.9	6.6/30.7	64173
2005 UH ₃₂₈	2009 11 02.8	02 31.89 +14 49.0 20.1	-1.02	- 3.9	9.5/14.0	64269
2002 QU ₃₆	2009 11 02.8	02 31.91 +23 51.8 19.3	-1.16	- 2.3	4.1/04.9	64189
2004 GU ₂₁	2009 11 02.8	02 31.94 +19 09.9 19.8	-1.02	- 7.5	1.5/04.0	12343
2004 EJ ₇	2009 11 02.8	02 31.97 +21 21.0 19.5	-1.13	- 2.5	2.5/04.3	64216
2006 BJ ₂₇	2009 11 02.8	02 32.00 -24 38.6 20.1	-0.76	- 3.7	10.5/20.8	41840
2006 EA ₆₂	2009 11 02.8	02 32.01 +28 34.0 20.4	-0.87	- 2.8	3.9/06.4	48999
2007 CY ₃₆	2009 11 02.8	02 32.01 +16 07.1 21.2	-1.02	- 4.7	0.4/03.0	56088
2007 DB ₃₁	2009 11 02.8	02 32.01 +16 58.0 19.8	-1.03	- 4.1	0.9/03.3	63816
2000 CH ₇₉	2009 11 02.8	02 32.02 +13 33.7 21.2	-1.00	- 4.9	0.5/02.5	64152
2007 GV ₆	2009 11 02.8	02 32.05 +16 34.8 20.1	-0.92	- 3.8	0.6/03.3	64318
2001 CC ₂₅	2009 11 02.8	02 32.05 +29 15.7 19.6	-0.97	- 2.3	4.5/06.4	64159
2007 AK ₂₈	2009 11 02.8	02 32.06 +19 29.4 21.5	-1.01	- 4.6	1.5/04.0	40173
2005 UP ₂₂₁	2009 11 02.8	02 32.07 +19 56.0 20.3	-0.97	- 2.3	2.4/04.0	63744
2007 FC ₂₅	2009 11 02.8	02 32.10 +06 56.8 21.6	-0.90	- 6.6	2.8/31.7	58087
2008 LU ₁₁	2009 11 02.8	02 32.14 +06 43.1 19.8	-0.85	- 6.0	3.0/31.6	64335
2004 TS ₁₂₉	2009 11 02.8	02 32.27 +18 28.4 19.6	-0.93	- 3.0	1.3/03.8	64231
2009 TE ₅	2009 11 02.8	02 32.28 +14 46.7 18.4	-0.90	- 8.8	12.9/23.0	64055
2005 XD ₂₁	2009 11 02.8	02 32.29 +14 34.2 20.4	-0.95	- 4.2	8.8/23.0	64278
2003 JC	2009 11 02.8	02 32.30 +08 21.8 19.5	-1.71	+ 7.5	3.2/02.2	64204
2001 XX ₁₈₇	2009 11 02.9	02 32.21 -06 32.4 20.3	-0.92	- 2.1	7.8/28.5	59074
2001 XN ₁₄₅	2009 11 02.9	02 32.24 +26 56.1 19.4	-0.95	- 7.6	4.3/06.4	12231
2008 ER ₄₁	2009 11 02.9	02 32.25 +14 12.3 19.9	-1.08	- 3.9	10.1/23.0	64325
2002 CU ₁₀₂	2009 11 02.9	02 32.27 +15 24.4 19.3	-0.99	- 3.8	9.3/14.0	64180
2003 SG ₁₀₄	2009 11 02.9	02 32.32 +19 32.0 19.4	-0.86	- 2.2	1.4/04.0	64208
2005 EO ₇₉	2009 11 02.9	02 32.32 +11 42.3 20.6	-0.66	- 1.8	0.7/02.1	77828
2002 EQ ₁₂₀	2009 11 02.9	02 32.35 +09 49.5 20.8	-0.84	- 5.4	1.7/01.5	41781
2001 UE ₂₁₉	2009 11 02.9	02 32.39 +18 12.5 19.1	-0.93	- 5.0	1.4/03.8	64169
2004 EH	2009 11 02.9	02 32.40 -20 06.5 22.1	-0.92	- 4.4	10.0/24.8	34790
2008 LZ ₁₀	2009 11 02.9	02 32.41 +01 52.8 21.0	-1.01	- 1.9	4.5/31.1	58608
2004 XV ₈₅	2009 11 02.9	02 32.42 -09 20.3 19.6	-0.86	- 0.7	7.5/27.9	18110
2002 CH ₁₉₁	2009 11 02.9	02 32.43 +20 21.5 21.5	-0.98	- 4.0	1.9/04.3	03296
2008 RR ₁₂₆	2009 11 02.9	02 32.45 +06 17.3 21.2	-0.49	- 2.6	1.5/31.5	58924
2005 YO ₁₆₇	2009 11 02.9	02 32.45 -02 44.9 21.3	-0.75	- 3.1	4.5/29.3	42790
2001 OJ ₃₄	2009 11 02.9	02 32.45 +28 47.0 20.4	-1.23	- 2.5	5.7/06.3	84706
2007 LQ ₂₄	2009 11 02.9	02 32.51 +08 43.4 20.4	-0.80	- 2.9	1.7/01.4	62521
2006 BR ₅₅	2009 11 02.9	02 32.53 +11 17.4 20.3	-0.82	- 2.2	1.0/02.1	62477

2005 LX ₇	2009 11 02.9	02 32.54 -23 15.2 20.1	-1.13	+ 1.3	13.8/26.4	39214
2008 JY ₂	2009 11 02.9	02 32.55 -04 15.7 20.3	-1.20	+ 2.3	6.7/30.7	41925
2002 RW ₂₉	2009 11 02.9	02 32.55 +21 41.5 18.7	-0.80	- 7.4	3.6/05.0	63632
2005 AY ₃₉	2009 11 02.9	02 32.55 +25 36.7 19.0	-1.09	+ 2.3	4.0/04.9	63702
2003 SN ₁₁	2009 11 02.9	02 32.55 +14 11.2 19.9	-0.83	- 4.7	7.6/23.0	64206
2000 SG ₂₄	2009 11 02.9	02 32.60 +26 03.9 17.7	-1.90	+13.2	4.9/03.6	64155
2008 QS ₄₀	2009 11 02.9	02 32.62 +20 25.9 20.5	-0.55	- 2.4	1.0/04.5	46636
2006 DW ₁₃₁	2009 11 02.9	02 32.62 +13 48.6 21.4	-0.81	- 2.9	0.3/02.7	40415
2006 BB ₁₃₅	2009 11 02.9	02 32.64 +01 05.5 20.4	-0.78	- 3.2	4.1/30.5	41240
2005 UD ₃₆₉	2009 11 02.9	02 32.66 +08 06.7 21.2	-0.95	- 2.8	2.4/01.4	17625
2004 PL ₅₅	2009 11 02.9	02 32.67 +06 29.0 18.9	-0.91	- 2.7	3.2/32.0	64221
2005 UM ₄₉₁	2009 11 02.9	02 32.68 +09 45.6 18.6	-1.19	+ 2.4	2.4/02.1	63751
2002 PS ₅₉	2009 11 02.9	02 32.69 +03 26.2 19.0	-1.03	- 5.7	4.9/31.2	62350
2001 QN ₁₈₉	2009 11 02.9	02 32.69 +37 27.5 19.7	-1.07	- 9.8	9.3/10.7	10780
2008 SH ₅₀	2009 11 03.0	02 32.60 +19 22.0 20.5	-0.56	- 2.1	0.8/04.2	63866
2008 NM ₃	2009 11 03.0	02 32.60 +01 55.4 21.8	-0.89	- 4.3	4.2/30.7	53679
2005 ME ₃₁	2009 11 03.0	02 32.62 +04 30.2 19.8	-1.01	- 6.4	4.2/31.3	62421
2007 EH ₁₃₅	2009 11 03.0	02 32.68 +13 41.0 19.9	-0.89	- 4.8	0.5/02.7	64314
2005 UH ₃₇₃	2009 11 03.0	02 32.68 +18 03.1 19.9	-0.92	- 5.9	1.3/03.8	64269
2005 PJ ₂₀	2009 11 03.0	02 32.69 +08 04.3 19.5	-0.94	- 5.3	3.2/01.3	64246
2005 SW ₂₂	2009 11 03.0	02 32.71 +16 29.9 18.9	-1.04	0.0	0.7/03.3	64252
2002 CJ ₁₁₆	2009 11 03.0	02 32.73 +20 47.7 19.8	-0.93	- 3.6	2.1/04.5	64180
2006 BG ₇₂	2009 11 03.0	02 32.74 +16 10.8 20.1	-0.88	- 2.8	0.4/03.3	64289
2006 CK ₄	2009 11 03.0	02 32.74 -07 37.5 20.7	-0.84	- 5.7	7.8/27.2	02284
2008 MG ₄	2009 11 03.0	02 32.78 +28 30.5 19.4	-0.90	- 4.2	4.4/06.7	64335
2008 PZ ₁₉	2009 11 03.0	02 32.80 +09 59.6 21.2	-0.66	- 3.3	1.2/01.7	62541
2007 TS ₃₅₂	2009 11 03.0	02 32.80 +32 57.1 19.9	-0.64	- 1.1	3.2/07.9	46575
2005 YW ₆₃	2009 11 03.0	02 32.84 +11 01.0 18.6	-0.89	- 2.8	1.8/02.1	64282
2004 HV ₁₄	2009 11 03.0	02 32.84 +18 21.5 20.4	-1.09	- 3.5	1.3/03.8	64219
2006 AW ₂₂	2009 11 03.0	02 32.89 +10 44.4 20.0	-0.85	- 3.5	1.4/02.0	64286
2003 SG ₉₇	2009 11 03.0	02 32.94 +26 59.1 18.9	-0.84	- 4.7	3.8/06.4	64208
2006 BP ₁₀	2009 11 03.0	02 32.94 +11 37.0 20.4	-0.85	- 3.8	1.1/02.2	64288
2003 QL ₄	2009 11 03.0	02 32.96 +06 07.5 19.7	-0.82	- 4.4	3.0/31.8	64205
2007 EJ ₁₂₁	2009 11 03.0	02 32.98 -05 52.6 20.7	-0.89	- 3.9	6.8/28.6	56089
2003 SS ₂₂	2009 11 03.0	02 32.99 +20 51.5 19.9	-0.84	- 2.7	1.7/04.5	64207
2003 FT ₇₉	2009 11 03.0	02 33.00 +24 24.7 20.3	-1.05	- 1.1	2.8/05.2	64203
2001 FR ₁₃₆	2009 11 03.0	02 33.02 +01 14.0 20.7	-0.79	- 2.5	3.5/30.6	62313
2004 PD ₃₇	2009 11 03.0	02 33.04 +37 57.8 19.9	-1.13	- 2.9	7.7/09.1	47297
2007 GG ₄	2009 11 03.0	02 33.04 +14 15.1 20.4	-0.95	- 1.7	0.2/02.9	63832
2002 TD ₁₃₄	2009 11 03.0	02 33.04 +22 44.4 19.1	-1.07	- 6.7	3.1/05.2	64194
2001 VK ₆₀	2009 11 03.1	02 32.99 +22 00.0 18.5	-0.92	- 8.6	2.5/05.2	64170
2004 ET ₄₇	2009 11 03.1	02 32.99 -00 10.8 21.6	-0.91	- 6.9	5.1/29.9	60363
2008 RH ₆₇	2009 11 03.1	02 33.02 +17 46.3 19.0	-0.60	- 1.4	0.6/03.8	63864
2005 YO ₁₆	2009 11 03.1	02 33.04 +11 44.4 21.3	-0.77	- 3.8	0.8/02.3	64280
2006 AG ₂₉	2009 11 03.1	02 33.06 -03 00.9 18.8	-0.83	- 2.9	7.2/29.5	64286
2007 PL ₄₅	2009 11 03.1	02 33.08 +02 15.9 19.3	-0.56	- 0.8	2.4/30.9	64323
2007 QC ₅	2009 11 03.1	02 33.08 +10 11.1 20.1	-0.55	- 2.3	1.0/01.8	64323
2003 HY ₅₄	2009 11 03.1	02 33.08 +06 58.5 20.3	-0.85	- 5.1	2.6/32.0	64204
2000 JC ₁₀	2009 11 03.1	02 33.08 -14 15.2 20.4	-1.10	+ 0.7	9.8/27.7	59655
2008 HM ₁₈	2009 11 03.1	02 33.10 +00 12.5 19.4	-0.90	- 4.4	5.8/30.4	64332
1998 QT ₇₃	2009 11 03.1	02 33.13 +02 21.9 18.6	-0.67	-11.1	5.1/29.9	63599

2001 YX ₄₀	2009 11 03.1	02 33.14 +20 39.8 19.0	-0.95	- 5.0	2.4/04.6	64176
2008 FM ₁₂₄	2009 11 03.1	02 33.15 +15 43.4 20.3	-1.03	- 5.2	0.3/03.3	64329
2002 AY ₂₂	2009 11 03.1	02 33.15 -05 31.5 19.8	-0.85	- 3.3	6.3/28.8	59675
2007 CT	2009 11 03.1	02 33.17 +10 10.8 20.9	-0.96	- 4.8	1.7/01.9	22872
2008 HM ₄₆	2009 11 03.1	02 33.19 +08 29.3 20.6	-0.99	- 1.7	2.3/01.7	40022
2000 AW ₂₀₇	2009 11 03.1	02 33.20 +02 49.6 19.6	-0.87	- 1.2	4.1/31.4	64151
2008 RW ₅₈	2009 11 03.1	02 33.20 +11 03.0 19.9	-0.54	- 2.8	0.8/02.0	64336
2005 YE ₇₀	2009 11 03.1	02 33.27 +20 40.1 19.6	-0.93	- 3.6	2.2/04.6	64282
2007 BQ ₃₇	2009 11 03.1	02 33.28 +17 26.4 19.2	-0.95	- 5.1	1.2/03.8	64304
2001 AK ₃₂	2009 11 03.1	02 33.28 +25 33.3 18.5	-0.94	- 3.7	3.9/05.8	64158
2007 EW ₂₁₈	2009 11 03.1	02 33.30 +20 43.6 20.6	-0.94	- 0.1	1.6/04.4	40179
2004 QS ₂₁	2009 11 03.1	02 33.31 +25 47.9 19.8	-0.96	- 5.2	3.7/06.1	97726
2007 CF ₆₄	2009 11 03.1	02 33.35 -00 38.3 20.4	-0.82	- 5.2	4.7/29.9	62504
2006 EM ₁₆	2009 11 03.1	02 33.36 +20 50.9 20.1	-0.92	- 2.0	1.9/04.5	03878
2005 WK ₁₈₀	2009 11 03.1	02 33.36 +07 24.4 18.7	-0.92	- 3.2	3.1/01.3	64278
2002 VL ₃₆	2009 11 03.1	02 33.38 -17 20.9 19.0	-1.29	+ 4.8	13.9/27.8	64196
2000 QD ₂₂₁	2009 11 03.1	02 33.40 +13 19.5 18.3	-0.93	- 3.2	0.8/02.8	64154
2003 FW ₈₈	2009 11 03.1	02 33.42 +02 13.4 19.8	-0.83	- 6.7	4.2/30.6	40114
2005 PB ₃	2009 11 03.1	02 33.43 +09 53.2 19.9	-1.02	- 5.1	2.1/01.9	64246
2005 UR ₂₆₇	2009 11 03.1	02 33.44 +11 30.3 20.9	-0.94	- 4.8	1.3/02.3	64267
2000 CK ₁₁₄	2009 11 03.1	02 33.45 +27 06.3 20.6	-0.84	- 3.6	3.2/06.4	43103
2000 RU ₁₀₂	2009 11 03.1	02 33.45 +21 20.1 18.3	-0.83	- 9.9	2.5/05.2	63610
2004 XD ₄₂	2009 11 03.1	02 33.45 -24 18.7 19.5	-1.75	+18.4	22.3/03.7	63698
2005 QN ₁₅	2009 11 03.1	02 33.46 +13 52.7 19.5	-0.88	- 6.0	0.6/02.9	64247
2002 VX ₁₀	2009 11 03.1	02 33.47 +20 19.6 18.8	-1.05	- 7.6	2.3/04.7	64196
2008 MJ ₃	2009 11 03.1	02 33.47 +28 20.0 20.8	-0.89	- 4.3	3.9/06.8	42980
2006 DB ₁₆₀	2009 11 03.2	02 33.38 +01 31.6 19.7	-0.74	- 5.0	4.0/30.4	47396
2008 EM ₃₃	2009 11 03.2	02 33.38 +15 15.6 19.4	-1.09	- 4.6	0.1/03.2	64325
2007 EJ ₅₇	2009 11 03.2	02 33.42 +10 04.2 19.6	-0.94	- 5.3	2.3/01.9	64312
2009 TD ₂	2009 11 03.2	02 33.44 +21 10.2 19.3	-0.83	- 3.1	2.6/04.8	64052
2006 AM ₃₄	2009 11 03.2	02 33.47 +05 02.0 19.1	-1.05	+ 1.9	4.0/01.4	20834
2007 EM ₁₂	2009 11 03.2	02 33.51 +24 39.6 20.3	-1.04	- 4.7	3.6/05.7	64311
2001 PZ ₄₂	2009 11 03.2	02 33.52 +56 40.9 19.7	-1.70	- 2.4	20.8/18.3	28723
2006 BW ₄₂	2009 11 03.2	02 33.52 -01 39.8 20.0	-0.79	- 2.5	4.9/30.1	64288
2002 UT ₂₁	2009 11 03.2	02 33.59 +09 34.4 18.3	-1.15	+ 4.5	2.9/02.4	63644
2003 UN ₂	2009 11 03.2	02 33.60 -06 04.0 21.7	-0.78	- 1.3	5.3/29.1	22454
2007 EN ₂₀₁	2009 11 03.2	02 33.60 -22 07.7 20.8	-0.77	- 1.9	8.9/23.8	41332
2008 RZ ₁₂₂	2009 11 03.2	02 33.65 +19 59.7 20.8	-0.52	- 2.6	0.8/04.6	58158
2005 WP ₁₇₅	2009 11 03.2	02 33.66 +07 32.2 19.3	-0.95	- 2.1	3.1/01.5	64277
2008 CZ ₆₁	2009 11 03.2	02 33.68 +23 59.9 19.8	-1.18	- 4.0	3.5/05.4	47445
1999 VU ₁₃₂	2009 11 03.2	02 33.71 +29 54.3 20.0	-1.04	- 1.5	4.7/06.7	41753
2004 RB ₃₀₂	2009 11 03.2	02 33.73 +17 11.6 20.2	-0.94	- 2.8	0.7/03.8	64227
2008 QQ ₂₅	2009 11 03.2	02 33.73 +27 11.6 21.7	-0.85	- 3.0	3.1/06.4	47456
2001 XD ₂₆₇	2009 11 03.2	02 33.77 +12 50.3 18.7	-1.17	+ 2.8	1.0/02.9	64175
2005 YR ₈₀	2009 11 03.2	02 33.79 +21 59.4 20.2	-0.91	- 5.1	2.6/05.1	96743
2005 SH ₅₇	2009 11 03.2	02 33.81 +13 37.7 19.7	-0.91	- 4.9	0.7/02.9	64253
2008 GA ₁₀₀	2009 11 03.2	02 33.84 +12 45.6 20.8	-1.00	- 5.4	0.9/02.7	64331
2007 CE ₄₇	2009 11 03.3	02 33.80 +01 00.0 19.6	-0.85	- 7.0	5.2/30.3	21876
2002 AJ ₂₁	2009 11 03.3	02 33.81 -44 13.8 19.6	-1.10	+ 4.3	23.0/19.0	94472
2007 ET ₁₃₁	2009 11 03.3	02 33.81 +20 19.3 20.0	-0.96	- 2.9	1.8/04.6	64314
2007 JB	2009 11 03.3	02 33.85 +48 01.2 20.3	-1.18	- 6.5	8.7/13.9	21879

2006 CO ₂₃	2009 11 03.3	02 33.85 +34 17.6 20.9	-1.02	- 3.9	6.8/08.4	41844
2006 YG ₂₅	2009 11 03.3	02 33.90 +03 46.3 19.2	-0.97	+ 3.0	6.5/01.4	63807
2005 ST ₅	2009 11 03.3	02 33.91 +24 43.8 19.5	-1.10	- 1.6	4.4/05.5	64252
2008 HP ₄₇	2009 11 03.3	02 33.91 +05 44.5 21.0	-0.86	- 7.1	3.0/31.7	40218
2005 QH ₁₂₄	2009 11 03.3	02 33.93 +24 29.3 20.2	-1.12	- 3.0	3.8/05.5	22793
2007 CP ₄₅	2009 11 03.3	02 33.95 +26 07.5 20.4	-1.11	- 3.4	4.4/06.0	20530
2005 WH ₁₇₆	2009 11 03.3	02 33.95 +13 59.4 19.7	-0.93	- 2.2	0.5/03.1	63773
2000 YQ ₁₉	2009 11 03.3	02 33.96 +23 13.1 19.1	-1.41	+ 6.5	3.3/04.3	64158
2008 JC ₆	2009 11 03.3	02 33.99 +06 26.3 20.9	-0.95	- 1.9	2.7/01.4	64333
2007 BJ ₄₈	2009 11 03.3	02 34.05 +15 22.3 21.3	-1.03	- 3.7	0.1/03.4	19696
2001 FZ ₉₈	2009 11 03.3	02 34.07 +12 27.3 20.6	-1.11	- 2.6	1.0/02.8	64159
2005 MK ₅	2009 11 03.3	02 34.10 +10 15.8 20.4	-1.03	- 7.3	1.8/02.1	62421
2004 RK ₁₈₁	2009 11 03.3	02 34.11 +02 26.0 18.8	-0.75	-10.3	4.8/30.3	64225
2002 BT ₁	2009 11 03.3	02 34.13 +19 56.1 19.9	-0.97	- 4.0	1.7/04.6	02068
1997 SC ₃₃	2009 11 03.3	02 34.14 +14 24.2 20.2	-0.54	- 3.3	0.1/03.2	64145
2001 KV ₉	2009 11 03.3	02 34.15 -05 59.6 20.3	-0.91	+ 0.6	5.5/29.8	10768
2004 FO ₂₃	2009 11 03.3	02 34.15 +18 11.9 19.9	-1.05	- 4.1	1.1/04.1	64217
2007 LG ₁₉	2009 11 03.3	02 34.16 -10 19.1 21.8	-0.75	- 3.4	6.8/27.4	22593
2004 LZ	2009 11 03.3	02 34.22 +02 28.7 20.6	-0.89	- 7.5	4.5/30.9	39203
2007 EE ₁₅₄	2009 11 03.3	02 34.24 +21 25.3 21.3	-0.95	- 4.1	2.1/05.0	19432
2006 BA ₃₅	2009 11 03.3	02 34.25 +16 47.0 20.9	-0.88	- 3.6	0.6/03.8	64288
2007 BF ₇₉	2009 11 03.3	02 34.26 +17 48.9 21.4	-1.03	- 4.9	1.0/04.1	40707
2005 AW ₂₂	2009 11 03.4	02 34.17 +31 51.9 19.3	-0.95	- 2.6	5.7/07.6	64239
2004 RX ₁₄₉	2009 11 03.4	02 34.19 +14 30.5 19.4	-0.92	- 2.6	0.2/03.3	64225
2008 TA ₁₁₉	2009 11 03.4	02 34.21 -01 42.6 20.2	-0.49	- 5.0	3.0/29.2	64338
1999 XX ₁₄	2009 11 03.4	02 34.25 -21 51.9 20.0	-1.34	+ 1.7	14.8/24.9	14593
2003 QU ₃₂	2009 11 03.4	02 34.29 +37 44.7 19.9	-1.06	- 3.0	8.1/09.9	53749
2008 FL ₉₆	2009 11 03.4	02 34.29 +09 33.6 20.3	-1.04	- 3.7	2.1/02.1	64328
2007 FO ₈	2009 11 03.4	02 34.29 +07 23.3 20.7	-0.74	- 7.5	2.1/01.1	64317
2005 UP ₃₂₁	2009 11 03.4	02 34.29 +10 19.8 18.8	-1.15	+ 2.9	2.0/02.6	63747
2003 FO ₈₂	2009 11 03.4	02 34.30 +02 43.3 20.3	-0.84	- 6.2	3.8/31.0	59696
2002 TJ ₂₆₅	2009 11 03.4	02 34.32 +19 14.0 19.3	-1.11	- 1.8	1.9/04.3	63642
2000 HQ ₂	2009 11 03.4	02 34.32 +10 06.8 18.9	-0.99	- 2.1	2.3/02.3	64153
2006 HJ ₃₆	2009 11 03.4	02 34.32 +14 38.0 20.1	-0.87	- 2.4	0.1/03.3	64296
2008 SN ₈₃	2009 11 03.4	02 34.32 +14 16.8 20.1	-0.55	- 2.6	0.2/03.2	64337
2002 EO ₁₅₇	2009 11 03.4	02 34.35 +10 14.0 22.1	-0.47	- 2.8	0.8/02.1	49829
2009 TZ ₁₉	2009 11 03.4	02 34.37 +15 53.4 18.3	-1.03	- 3.3	0.4/03.6	64062
2006 UV ₈₇	2009 11 03.4	02 34.37 +17 49.6 19.1	-1.00	- 8.9	1.3/04.2	63801
2005 XH ₁₇	2009 11 03.4	02 34.39 +15 21.2 18.7	-1.09	+ 0.5	0.1/03.5	64278
2002 CX ₆₈	2009 11 03.4	02 34.39 +00 57.3 20.1	-0.86	- 3.7	4.4/30.8	19568
2004 JZ ₂₈	2009 11 03.4	02 34.40 +10 59.7 20.6	-0.99	- 4.3	1.4/02.4	64220
2002 FA ₂₉	2009 11 03.4	02 34.41 -01 25.2 19.7	-0.86	- 4.4	5.5/30.0	64184
2007 GU ₂₆	2009 11 03.4	02 34.41 +08 06.5 20.5	-0.90	- 2.5	2.6/01.8	20603
2004 RN ₁₅₂	2009 11 03.4	02 34.41 +19 40.1 19.6	-0.85	- 8.1	1.7/04.8	64225
2003 SA ₅₃	2009 11 03.4	02 34.42 +35 46.2 19.7	-1.07	+ 0.1	6.3/08.2	64207
2001 XO ₁₀₂	2009 11 03.4	02 34.44 -25 54.4 19.7	-1.41	+ 6.1	19.2/26.7	60753
1996 AZ ₁₅	2009 11 03.4	02 34.45 +00 05.4 20.6	-1.00	- 2.5	5.8/31.1	40082
2004 KF ₈	2009 11 03.4	02 34.48 +24 30.9 19.0	-0.94	-10.9	3.4/06.4	64220
2008 HF ₆₆	2009 11 03.4	02 34.48 +16 39.9 21.0	-1.09	- 3.8	0.6/03.8	64333
2004 XZ ₇₄	2009 11 03.4	02 34.49 +03 43.2 19.4	-0.85	- 1.2	3.4/31.8	21347
2003 CN ₄	2009 11 03.4	02 34.49 +14 12.0 19.3	-1.02	- 3.8	0.4/03.2	64201

2004 RC ₂₅₁	2009 11 03.4	02 34.51 +23 15.8 19.7	-0.91 - 4.9	2.7/05.6	18093
2005 YX ₂₉₀	2009 11 03.4	02 34.52 +05 37.0 20.3	-0.80 - 4.3	2.9/32.0	41838
2003 SS ₄₃₁	2009 11 03.4	02 34.52 +07 46.8 20.2	-0.73 - 6.5	2.4/01.4	64211
2005 SL ₇₉	2009 11 03.4	02 34.53 +14 55.5 20.4	-1.04 - 3.6	0.1/03.4	64253
2005 UO ₂₃₈	2009 11 03.4	02 34.55 +01 25.0 19.5	-1.10 + 2.9	5.7/01.2	64267
2009 UT ₃₆	2009 11 03.4	02 34.57 +13 26.0 19.4	-1.02 - 5.9	0.7/03.0	64075
2004 GM ₆₀	2009 11 03.4	02 34.58 +08 04.3 20.6	-0.94 - 6.3	2.5/01.6	11053
2003 EC ₄₀	2009 11 03.4	02 34.59 -02 00.4 20.4	-0.90 - 1.9	5.0/30.5	64202
2006 WT ₁₄₆	2009 11 03.4	02 34.60 +08 30.2 20.2	-1.14 - 1.7	2.7/02.1	56085
2005 WM	2009 11 03.4	02 34.62 +11 47.2 19.3	-0.94 - 1.8	1.6/02.7	64273
2007 GP ₂₂	2009 11 03.4	02 34.63 +12 05.8 20.5	-0.79 - 7.4	1.0/02.6	63833
2007 HG ₁₄	2009 11 03.5	02 34.58 +11 25.8 20.7	-0.91 - 4.9	1.3/02.5	41872
2007 HH ₃	2009 11 03.5	02 34.58 +12 21.9 19.8	-0.86 - 5.8	0.9/02.8	64320
2008 KQ ₂₉	2009 11 03.5	02 34.59 +01 40.8 20.1	-0.99 - 2.1	5.6/31.5	41686
2007 BW ₄₃	2009 11 03.5	02 34.67 +12 29.2 20.3	-1.03 - 5.3	1.1/02.9	64304
2005 WK ₂₃	2009 11 03.5	02 34.69 +18 12.0 19.7	-0.96 - 4.1	1.2/04.3	64274
2005 XB ₂₉	2009 11 03.5	02 34.70 +12 33.4 19.2	-1.00 + 1.2	1.3/03.0	63776
2000 BV ₅	2009 11 03.5	02 34.70 +13 38.5 19.9	-0.84 - 3.4	0.5/03.1	64151
2002 CD ₁₂₅	2009 11 03.5	02 34.72 +05 45.0 19.1	-0.86 - 6.7	3.8/31.9	64180
2001 VH ₁₀₆	2009 11 03.5	02 34.72 +23 20.6 19.8	-0.96 - 7.6	2.7/05.8	64170
2001 RP ₁₃₀	2009 11 03.5	02 34.75 +13 53.8 20.4	-1.02 - 3.8	0.5/03.2	64163
2005 UH ₆₄	2009 11 03.5	02 34.75 +05 10.5 19.7	-0.87 - 5.2	4.3/31.9	96119
2007 CP ₅₀	2009 11 03.5	02 34.75 +17 04.8 19.8	-1.07 - 3.8	0.8/04.0	64306
2004 DE ₅₇	2009 11 03.5	02 34.78 +23 09.0 19.6	-1.09 - 5.2	3.0/05.6	57400
2006 EL ₄₂	2009 11 03.5	02 34.79 +27 35.8 20.8	-0.90 - 2.6	3.9/06.7	01485
2004 KP ₈	2009 11 03.5	02 34.82 +19 58.2 20.7	-1.07 - 3.1	1.6/04.7	86520
2005 WR ₄₅	2009 11 03.5	02 34.82 +13 38.1 19.9	-0.94 - 3.4	0.5/03.2	64274
2003 FW ₂₅	2009 11 03.5	02 34.84 +19 24.6 20.8	-0.96 - 3.8	1.3/04.6	37988
2008 UN ₉	2009 11 03.5	02 34.88 +16 32.4 20.2	-0.55 - 2.1	0.3/03.9	64339
1999 VZ ₁₂₆	2009 11 03.5	02 34.88 +15 54.4 19.9	-0.92 - 2.0	0.3/03.7	64150
2002 LQ ₂₀	2009 11 03.5	02 34.91 +07 33.3 19.5	-1.17 - 2.3	3.2/02.0	64186
2004 TA	2009 11 03.5	02 34.93 +08 03.5 20.3	-0.88 - 3.3	2.5/01.8	64229
2004 RK ₂₉₉	2009 11 03.5	02 34.93 +22 28.8 20.9	-0.98 - 2.6	2.6/05.3	22487
2007 DF ₆	2009 11 03.5	02 34.95 +22 57.6 18.9	-1.02 - 2.8	3.3/05.4	64307
2005 UU ₃₂₂	2009 11 03.5	02 35.00 +07 28.8 19.0	-0.82 - 5.5	3.6/01.5	64269
2001 RM ₉₀	2009 11 03.5	02 35.05 +17 39.3 19.7	-1.14 - 0.6	1.1/04.1	64162
2008 ES ₁₅₅	2009 11 03.6	02 34.96 -07 57.9 20.4	-0.88 - 4.1	8.0/28.7	64326
2007 BF ₆₉	2009 11 03.6	02 34.97 +09 36.6 20.4	-0.97 - 4.8	2.0/02.2	62502
2008 GK ₁₀₀	2009 11 03.6	02 34.98 +12 13.5 21.6	-1.03 - 5.1	1.1/02.9	40212
2000 SN ₅₁	2009 11 03.6	02 35.01 +10 33.9 19.1	-0.72 -10.7	2.1/02.1	63611
2009 TQ ₁₆	2009 11 03.6	02 35.01 +14 34.8 18.8	-0.89 - 6.4	0.3/03.4	64061
2000 CC ₁₁₀	2009 11 03.6	02 35.02 +14 07.0 20.0	-0.82 - 4.0	0.4/03.3	64152
2006 BP ₁₇₇	2009 11 03.6	02 35.03 -01 00.4 21.0	-0.75 - 4.1	4.5/30.3	21624
2005 XY ₆₄	2009 11 03.6	02 35.04 +15 19.7 18.7	-0.81 -10.1	0.1/03.7	64279
2006 DJ ₁₁₀	2009 11 03.6	02 35.05 +42 38.5 19.7	-1.15 + 0.1	8.0/10.3	59772
2005 MR ₄₉	2009 11 03.6	02 35.05 +11 30.2 19.4	-0.93 - 4.4	1.8/02.7	64243
2007 HH ₅₉	2009 11 03.6	02 35.09 -02 18.0 21.2	-0.81 - 1.0	4.5/30.6	20652
2002 EJ ₉₀	2009 11 03.6	02 35.10 +25 11.8 21.0	-0.97 - 2.4	3.0/06.0	72563
1993 FS ₆₂	2009 11 03.6	02 35.14 +10 19.4 21.3	-1.00 - 4.3	1.7/02.5	40081
2003 QD ₅₁	2009 11 03.6	02 35.14 +29 51.1 18.9	-1.03 0.0	4.8/06.9	64205
2007 JO ₅	2009 11 03.6	02 35.16 +12 05.6 20.3	-0.79 - 6.7	1.0/02.8	64322

2002 PE ₁₆₂	2009 11 03.6	02 35.21 +29 02.3 20.7	-1.18 - 4.8	6.3/07.3	48251
2002 JT ₂₂	2009 11 03.6	02 35.22 +13 37.4 21.7	-0.86 - 1.6	0.4/03.3	20766
2008 RK ₂	2009 11 03.6	02 35.22 +12 57.0 19.7	-0.53 - 3.4	0.4/03.0	64336
2006 EX ₂₁	2009 11 03.6	02 35.26 +09 27.5 21.1	-0.76 - 3.7	1.6/02.2	01475
2003 QK ₂₆	2009 11 03.6	02 35.27 +26 05.3 19.8	-0.89 - 4.5	3.4/06.6	95036
2001 UB ₅₂	2009 11 03.6	02 35.28 +10 33.0 19.0	-0.93 - 4.7	1.8/02.5	64167
2007 JM ₂₃	2009 11 03.6	02 35.29 -02 19.4 20.8	-0.73 - 5.0	4.8/29.7	43283
2008 RB ₂₁	2009 11 03.6	02 35.29 +02 39.0 20.6	-0.49 - 4.5	2.3/30.9	62541
2004 RU ₅₅	2009 11 03.6	02 35.30 +25 58.4 19.4	-1.07 - 1.0	3.7/06.1	64223
2008 LC ₁₇	2009 11 03.6	02 35.31 +03 37.3 21.0	-0.96 - 4.4	4.2/31.8	56131
2008 FL ₂₄	2009 11 03.6	02 35.32 -11 37.4 19.9	-0.87 -13.6	10.0/25.6	63846
2004 NG ₁₅	2009 11 03.6	02 35.36 -11 29.3 19.7	-0.86 - 2.3	10.3/28.0	64220
2005 WF ₂₀₈	2009 11 03.6	02 35.39 +19 05.8 20.1	-0.94 - 5.2	1.4/04.7	09466
2007 AZ ₁₃	2009 11 03.7	02 35.36 +03 25.2 18.9	-0.98 - 3.9	5.5/31.8	64302
2005 SD ₃₈	2009 11 03.7	02 35.38 +15 21.6 19.1	-0.96 - 3.0	0.1/03.7	63724
2003 BF ₁₄	2009 11 03.7	02 35.38 +02 47.2 19.6	-0.94 - 4.8	5.6/31.5	64200
2008 SS ₂₃₁	2009 11 03.7	02 35.39 +18 25.1 20.8	-0.53 - 3.0	0.6/04.6	64338
2006 YV ₈	2009 11 03.7	02 35.39 +02 30.6 21.1	-1.04 - 3.4	4.6/31.7	16375
2005 SF ₁₄₅	2009 11 03.7	02 35.44 +10 34.3 20.7	-0.98 - 4.2	2.0/02.6	35927
1999 RB ₂₅	2009 11 03.7	02 35.46 +31 22.5 18.5	-1.20 - 2.4	8.7/08.0	64148
2001 VM ₇₈	2009 11 03.7	02 35.51 +48 14.4 18.8	-1.39 -11.4	15.1/15.7	64170
2004 HL ₆	2009 11 03.7	02 35.53 +10 28.2 19.7	-1.06 - 3.2	1.7/02.7	18070
2005 YQ ₄₄	2009 11 03.7	02 35.56 +08 26.1 20.4	-0.87 - 4.0	2.5/02.0	96708
2008 NA ₄	2009 11 03.7	02 35.58 +33 54.7 20.3	-1.12 + 0.5	5.4/08.0	43302
2001 RS ₂₂	2009 11 03.7	02 35.61 +17 28.6 19.6	-1.01 - 5.4	0.9/04.3	64162
2003 QJ ₁₁₄	2009 11 03.7	02 35.63 -09 07.7 19.2	-0.77 - 3.0	8.1/28.5	62374
2005 WV ₁₀₃	2009 11 03.7	02 35.68 -09 35.2 19.6	-0.82 - 4.4	10.5/27.6	64276
2002 DU ₁₄	2009 11 03.7	02 35.69 +32 40.6 19.7	-1.00 - 3.9	5.5/08.4	43149
2007 EQ ₂₀₀	2009 11 03.7	02 35.70 +11 59.2 20.3	-0.96 - 2.5	1.1/03.0	64316
2000 EQ ₆₃	2009 11 03.7	02 35.75 +10 30.4 20.7	-1.00 - 5.2	1.7/02.6	41755
2007 EU ₁₃₃	2009 11 03.7	02 35.76 +08 58.8 20.4	-0.84 - 4.8	1.9/02.2	47423
2008 FD ₁₀₀	2009 11 03.7	02 35.78 +01 35.2 20.6	-0.87 - 7.4	5.0/31.0	41574
2009 ST ₁₀₀	2009 11 03.7	02 35.79 +29 16.2 18.9	-1.00 - 9.6	7.3/08.3	63978
2000 SD ₂₇₂	2009 11 03.7	02 35.80 +31 13.9 18.3	-0.94 - 8.1	6.1/08.7	64156
2004 RE ₂₅₉	2009 11 03.8	02 35.77 +13 41.9 19.6	-0.85 - 5.7	0.6/03.4	64227
2006 YV ₅₃	2009 11 03.8	02 35.77 +01 58.9 21.1	-0.90 - 3.7	4.2/31.6	40446
2005 UV ₂₆₅	2009 11 03.8	02 35.84 +09 35.2 20.3	-0.95 - 2.8	1.9/02.5	64267
2006 CJ ₄₂	2009 11 03.8	02 35.89 +30 42.7 19.9	-0.92 - 3.6	5.0/07.9	64292
2007 JU ₃₇	2009 11 03.8	02 35.92 +20 19.9 19.2	-0.95 - 0.8	1.7/05.0	63838
2007 HL ₇₁	2009 11 03.8	02 35.93 +05 37.1 21.3	-0.74 - 3.9	2.5/01.3	55325
2000 RY ₇₄	2009 11 03.8	02 35.96 +21 38.0 18.6	-0.94 - 5.1	2.7/05.5	64155
2004 RT ₁₈₆	2009 11 03.8	02 35.96 +48 54.8 19.7	-1.47 + 0.7	12.2/13.0	74346
2006 DK ₈	2009 11 03.8	02 35.97 +01 43.7 20.0	-0.75 - 5.4	4.1/31.1	64292
2008 GW ₆₇	2009 11 03.8	02 36.01 +11 17.0 20.5	-1.05 - 2.7	1.5/03.0	40581
2004 RX ₃₂₂	2009 11 03.8	02 36.06 +25 33.4 19.9	-0.94 - 5.3	3.3/06.7	64227
2005 VQ ₁	2009 11 03.8	02 36.08 +00 13.0 19.4	-1.08 + 2.0	6.3/01.0	63754
2001 UJ	2009 11 03.8	02 36.10 +17 12.2 17.4	-2.01 +17.2	1.1/03.9	64167
2004 RG ₅₉	2009 11 03.8	02 36.12 +24 05.1 19.7	-0.94 - 4.6	3.1/06.2	64223
5066 T-3	2009 11 03.8	02 36.12 +07 21.5 19.2	-0.90 - 0.5	2.6/02.2	64080
2005 UD ₅₂₁	2009 11 03.8	02 36.14 +16 58.3 20.3	-1.09 - 1.8	0.6/04.2	63753
2007 EE ₇₄	2009 11 03.8	02 36.14 +17 31.2 20.4	-0.97 - 4.5	0.9/04.4	64312

2005 WF ₂₂	2009 11 03.8	02 36.19 +15 52.1 19.8	-1.03	- 3.1	0.2/04.0	64274
2007 FO ₂₅	2009 11 03.8	02 36.20 +08 34.6 19.8	-0.85	- 5.7	2.4/02.1	62517
2004 RZ ₂₀₄	2009 11 03.8	02 36.21 +33 17.3 19.2	-0.99	- 6.4	6.0/09.3	64226
2004 VL ₈₆	2009 11 03.9	02 36.22 +16 52.5 20.5	-0.80	- 4.8	0.4/04.3	64236
2008 GS ₆₄	2009 11 03.9	02 36.23 +11 11.4 21.4	-1.07	- 4.2	1.6/03.0	50124
2005 MX ₁₄	2009 11 03.9	02 36.23 +03 15.2 21.5	-1.02	- 4.8	4.2/01.0	58502
2005 MN ₄₂	2009 11 03.9	02 36.24 +10 12.2 19.3	-0.90	- 7.8	2.3/02.5	64243
2005 WK ₁₉₉	2009 11 03.9	02 36.24 +18 53.8 20.6	-0.95	- 3.9	1.3/04.8	22804
2001 YS ₁₁₅	2009 11 03.9	02 36.25 +43 21.2 18.8	-1.16	- 3.1	11.2/11.6	64176
2005 UV ₄₀₁	2009 11 03.9	02 36.28 +13 09.7 21.5	-0.87	- 7.2	0.6/03.3	43240
2004 GE ₅₉	2009 11 03.9	02 36.30 +14 30.3 19.6	-1.08	- 2.1	0.3/03.8	12344
2002 CZ ₁₈₃	2009 11 03.9	02 36.32 +31 31.6 20.4	-0.99	- 3.4	4.8/08.1	47203
2003 SO ₁₇₈	2009 11 03.9	02 36.32 +36 04.6 20.1	-1.04	- 1.4	7.0/09.2	00547
2005 YD ₂₁₄	2009 11 03.9	02 36.34 +67 32.2 19.7	-1.49	+ 0.8	23.5/28.0	11153
2008 RY ₁₆	2009 11 03.9	02 36.37 +19 43.8 20.7	-0.55	- 2.7	0.9/05.2	50162
2004 DC ₅	2009 11 03.9	02 36.40 +12 35.4 20.2	-1.04	- 3.8	0.9/03.3	62385
2005 TN ₂₀	2009 11 03.9	02 36.44 +18 37.7 20.0	-1.02	- 4.2	1.4/04.8	64258
2005 NL ₂₈	2009 11 03.9	02 36.44 +10 44.5 19.5	-0.95	- 5.3	2.2/02.8	64244
2004 RQ ₂₅₇	2009 11 03.9	02 36.45 +21 06.1 18.5	-0.94	- 2.3	2.3/05.3	64227
2007 GH ₆₂	2009 11 03.9	02 36.46 +20 20.1 20.9	-0.90	- 4.4	1.6/05.3	19499
2008 FW ₅₄	2009 11 03.9	02 36.46 +11 10.4 20.5	-1.04	- 6.2	1.6/02.9	62530
2003 UY ₃₄₄	2009 11 03.9	02 36.46 +14 19.9 20.6	-0.78	- 4.7	0.3/03.7	64213
2002 DD ₃	2009 11 03.9	02 36.55 +00 39.5 19.1	-1.08	+ 1.2	5.4/01.1	64182
2004 FZ ₄₀	2009 11 03.9	02 36.55 +16 11.2 20.7	-1.08	- 3.7	0.3/04.2	14103
2006 DZ ₃₃	2009 11 03.9	02 36.60 +01 01.3 19.8	-0.72	- 5.9	4.3/30.9	64293
1998 SD ₁₀₇	2009 11 03.9	02 36.63 +15 31.7 18.9	-0.99	- 5.9	0.1/04.1	64147
2002 AM ₁₄₀	2009 11 04.0	02 36.54 +05 45.6 19.4	-0.95	- 3.7	4.2/01.6	64178
2004 TL ₂₄₅	2009 11 04.0	02 36.56 +18 13.9 20.0	-0.92	- 3.1	1.0/04.7	64233
1998 XV ₂₄	2009 11 04.0	02 36.59 +14 58.6 19.8	-0.76	- 5.7	0.1/03.9	64148
2005 SV ₂₄₃	2009 11 04.0	02 36.60 +17 47.9 20.1	-0.98	- 7.3	0.9/04.7	48978
2007 AL ₁₄	2009 11 04.0	02 36.64 +09 38.9 19.8	-1.02	- 5.3	2.3/02.6	19694
2003 BZ ₄₉	2009 11 04.0	02 36.65 +24 12.3 19.8	-1.03	- 5.0	3.2/06.3	64200
2004 TW ₁₇₂	2009 11 04.0	02 36.68 +28 02.1 19.0	-0.89	- 6.1	4.2/07.7	64232
2005 TJ ₁₈₈	2009 11 04.0	02 36.69 +18 59.6 20.8	-1.02	- 4.2	1.3/04.9	64260
2005 YC ₁₅₇	2009 11 04.0	02 36.71 +14 24.0 20.9	-0.87	- 4.8	0.3/03.8	64284
2005 WV ₁₁₄	2009 11 04.0	02 36.72 +05 33.2 19.9	-0.89	- 2.6	3.3/01.7	64276
2008 SO ₄₉	2009 11 04.0	02 36.76 +11 21.6 20.5	-0.51	- 3.1	0.7/02.9	63866
2008 GH ₄₇	2009 11 04.0	02 36.76 +00 04.0 19.4	-0.93	- 1.4	6.5/31.7	63852
2005 WO ₁₁₂	2009 11 04.0	02 36.77 -03 07.3 20.5	-1.09	+ 0.6	7.0/31.2	11151
2001 RB ₃₃	2009 11 04.0	02 36.81 +00 05.6 18.4	-0.74	- 8.3	7.3/30.4	64162
2001 FY ₄₄	2009 11 04.0	02 36.81 +00 08.3 20.4	-0.72	- 6.1	3.9/30.7	47165
1995 WA ₁₂	2009 11 04.0	02 36.84 +05 09.4 20.4	-1.03	- 3.0	3.7/01.7	60473
2007 EV ₁₅₆	2009 11 04.0	02 36.86 +22 06.3 19.2	-1.08	+ 1.6	2.1/05.3	64315
2006 BF ₁₁₃	2009 11 04.0	02 36.87 +13 32.7 19.9	-0.87	- 3.7	0.7/03.6	64289
2009 QW	2009 11 04.0	02 36.89 +17 59.9 16.9	-1.10	+ 2.4	1.4/04.5	64345
2004 DP ₅₇	2009 11 04.0	02 36.91 +09 06.5 20.7	-0.63	- 3.1	1.4/02.4	04298
2002 UO ₅₈	2009 11 04.0	02 36.94 +02 20.9 20.7	-1.10	- 1.5	5.8/01.5	21788
2005 UZ ₅₂₆	2009 11 04.0	02 36.99 +13 55.7 20.1	-0.95	- 3.5	0.5/03.8	64271
2002 XM ₇₆	2009 11 04.0	02 37.00 -15 18.3 20.0	-1.26	+ 2.8	12.3/28.7	19586
2008 HO ₁	2009 11 04.0	02 37.00 +06 39.7 22.0	-1.00	- 3.1	2.8/02.1	40764
2008 SM ₂₇₅	2009 11 04.1	02 36.93 +41 54.3 20.7	-0.80	+ 0.3	4.9/10.9	58618

2006 BD ₂₁₀	2009 11 04.1	02 36.94 +25 40.6 19.8	-0.89	- 2.5	3.0/06.7	47384
2001 WZ ₈₇	2009 11 04.1	02 36.94 +12 54.4 19.0	-1.10	+ 0.3	1.0/03.6	64172
2005 VC ₁₂₀	2009 11 04.1	02 36.98 +22 43.4 19.5	-0.90	- 5.0	2.7/06.1	97975
2008 MX ₄	2009 11 04.1	02 36.99 +24 23.6 19.9	-0.87	- 5.9	2.8/06.6	64335
2005 WP ₁₉₄	2009 11 04.1	02 37.00 -10 44.3 18.6	-0.80	- 3.5	11.4/27.9	64278
2005 YB ₂₈₂	2009 11 04.1	02 37.00 +32 40.4 19.5	-0.97	- 7.1	5.7/09.2	64285
2007 CK	2009 11 04.1	02 37.01 +05 38.8 20.4	-1.02	- 5.4	4.0/01.7	64305
2006 BG ₂₄₇	2009 11 04.1	02 37.01 +28 14.0 20.5	-0.89	- 3.0	3.8/07.4	02282
2005 VH ₉₅	2009 11 04.1	02 37.02 +04 16.8 19.8	-0.96	0.0	5.1/01.9	97971
2005 YD ₅₃	2009 11 04.1	02 37.04 +10 52.7 20.0	-0.86	- 3.2	1.4/03.0	64281
2001 DM ₂	2009 11 04.1	02 37.05 +32 41.4 20.5	-0.61	- 1.8	3.2/08.9	57955
2000 RR ₁₅	2009 11 04.1	02 37.08 +13 45.7 18.5	-0.88	- 7.8	0.6/03.7	64154
2005 SJ ₂₇₉	2009 11 04.1	02 37.08 +15 33.5 19.9	-0.94	- 5.0	0.1/04.2	64257
2003 FB ₉₄	2009 11 04.1	02 37.08 +04 33.3 20.5	-0.92	- 2.3	3.6/01.7	21793
2006 ED ₇₃	2009 11 04.1	02 37.11 +26 00.1 20.9	-0.99	- 1.0	3.4/06.5	41847
2005 QM ₂₄	2009 11 04.1	02 37.11 +19 54.6 20.0	-1.08	- 2.7	1.8/05.2	60413
2006 BQ ₂₇₄	2009 11 04.1	02 37.12 +26 27.5 20.7	-0.87	- 2.6	3.0/06.9	43257
2007 EZ ₁₃₈	2009 11 04.1	02 37.15 +09 02.1 21.3	-0.89	- 3.7	2.1/02.6	64314
2009 UX ₁₆	2009 11 04.1	02 37.17 +12 09.4 19.3	-0.85	- 5.9	1.6/03.3	64072
2004 XT ₁₆₆	2009 11 04.1	02 37.24 +05 42.3 19.1	-0.90	- 0.4	3.4/02.1	63701
2005 YG ₃₂	2009 11 04.1	02 37.25 +06 41.0 20.8	-0.83	- 3.1	2.7/02.0	19677
2006 GJ ₅₃	2009 11 04.1	02 37.27 +03 29.4 20.9	-0.88	- 0.6	3.4/01.6	11167
2003 CS ₂₅	2009 11 04.1	02 37.30 +27 11.4 20.0	-1.07	- 2.7	4.1/06.9	59694
2001 BK ₄₀	2009 11 04.1	02 37.35 +10 50.4 19.9	-0.86	- 4.1	1.6/03.0	64158
2008 RE ₃₇	2009 11 04.1	02 37.36 +22 30.0 20.0	-0.59	- 2.0	1.4/06.1	50171
2003 SF ₁₄₁	2009 11 04.1	02 37.36 +41 22.1 18.6	-1.01	- 2.4	9.5/11.3	64208
2005 UH ₃₆₇	2009 11 04.1	02 37.38 +07 26.2 20.6	-0.97	- 3.2	2.8/02.3	20429
2004 RL ₁₅₈	2009 11 04.1	02 37.38 +29 48.0 19.4	-1.02	- 2.2	5.6/07.6	64225
2003 AY ₃	2009 11 04.1	02 37.40 +04 48.8 18.6	-0.95	-19.9	4.4/31.4	64199
2005 TK ₁₁₇	2009 11 04.2	02 37.33 +13 45.7 20.8	-0.95	- 6.2	0.5/03.8	96034
2005 UX ₅₁₀	2009 11 04.2	02 37.33 +18 20.6 20.3	-0.91	- 7.1	1.0/05.0	11147
2004 VX ₁₉	2009 11 04.2	02 37.37 +13 49.7 19.2	-0.96	- 0.4	0.5/03.9	64235
2001 VE ₂₁	2009 11 04.2	02 37.43 +19 58.4 18.0	-0.85	-12.1	2.0/05.7	64169
2005 TS ₁₁₄	2009 11 04.2	02 37.49 +16 57.3 20.6	-1.00	- 5.4	0.6/04.6	62441
2005 SB ₂₆	2009 11 04.2	02 37.53 +18 31.9 19.2	-0.93	- 8.5	1.3/05.1	64252
2004 PY ₃₈	2009 11 04.2	02 37.56 +31 20.7 20.1	-1.04	- 3.2	5.0/08.3	64221
2002 ND ₄₁	2009 11 04.2	02 37.56 +32 08.7 20.4	-0.90	- 3.0	4.6/08.7	64186
2006 YZ ₉	2009 11 04.2	02 37.56 +05 41.9 19.3	-1.07	- 2.3	4.0/02.1	64301
2006 BX ₂₁₂	2009 11 04.2	02 37.58 +11 34.7 20.2	-0.83	- 3.4	1.3/03.3	64291
1997 GX ₂₇	2009 11 04.2	02 37.59 +18 50.5 21.8	-1.33	+ 1.2	1.1/04.8	60720
2009 TX ₂₁	2009 11 04.2	02 37.59 +06 13.0 18.9	-0.79	- 3.5	3.4/01.9	64064
2009 UH ₂₃	2009 11 04.2	02 37.60 +12 10.5 19.2	-0.86	- 4.6	1.4/03.4	64074
2002 PE ₂₈	2009 11 04.2	02 37.60 +22 23.2 18.8	-1.02	- 6.1	3.5/06.1	64187
1998 SW ₁₆	2009 11 04.2	02 37.68 +16 40.1 20.0	-1.04	- 3.3	0.6/04.6	64146
2002 EZ ₂₂	2009 11 04.2	02 37.69 -14 50.0 20.1	-0.49	- 2.8	5.1/26.2	87533
2008 RV ₁₁₉	2009 11 04.2	02 37.69 -05 27.4 19.9	-0.51	- 5.5	4.0/28.7	64337
2002 UF ₇₅	2009 11 04.2	02 37.69 +14 06.0 19.5	-0.98	- 7.0	0.6/03.9	63644
2005 OL ₁₆	2009 11 04.2	02 37.70 +21 09.9 18.3	-0.85	- 6.2	2.9/05.9	64245
2005 VY ₆₇	2009 11 04.2	02 37.70 +13 48.0 19.4	-0.83	-13.3	0.6/03.8	63755
2008 GQ ₆₈	2009 11 04.2	02 37.71 +06 49.4 20.1	-1.03	- 2.6	3.4/02.4	64330
2005 YC ₅₅	2009 11 04.2	02 37.72 +08 10.3 19.5	-0.85	- 4.2	3.1/02.5	63781

2009 SV ₁₀₇	2009 11 04.2	02 37.75 +09 10.4 18.9	-0.72 - 9.4	2.7/02.3	63982
2002 DO ₇	2009 11 04.2	02 37.77 +17 23.8 18.9	-1.15 + 0.8	0.8/04.7	64182
2001 WG ₃₁	2009 11 04.2	02 37.77 +11 38.5 19.2	-0.90 - 6.8	1.6/03.3	64171
2007 DP ₉₄	2009 11 04.2	02 37.80 +06 17.2 21.8	-0.92 - 3.8	3.0/02.1	17779
2005 SL ₄₈	2009 11 04.3	02 37.74 +13 07.8 21.0	-0.96 - 6.9	0.8/03.7	38058
2002 UB ₅	2009 11 04.3	02 37.76 -00 41.2 19.2	-0.98 - 2.6	7.5/31.7	64195
2004 PH ₃₃	2009 11 04.3	02 37.76 +32 00.4 19.3	-1.07 - 2.4	6.1/08.4	64221
2001 TU ₁₉₀	2009 11 04.3	02 37.79 +21 15.2 19.1	-0.91 - 9.4	2.2/06.1	64166
2003 NZ ₃	2009 11 04.3	02 37.79 +30 05.8 19.5	-0.92 - 4.3	4.8/08.3	64204
2005 UO ₇₃	2009 11 04.3	02 37.79 +16 19.3 18.9	-0.87 -14.2	0.3/04.6	64262
2006 EF ₄₃	2009 11 04.3	02 37.79 +08 12.5 20.4	-0.82 - 1.9	1.9/02.6	01486
2005 WC ₁₀₀	2009 11 04.3	02 37.82 +11 12.4 19.4	-0.94 - 3.0	1.8/03.3	64276
2005 SY ₇	2009 11 04.3	02 37.82 +02 52.5 19.4	-0.96 - 2.6	5.5/01.4	64252
2004 FA ₆₇	2009 11 04.3	02 37.84 +11 45.6 20.0	-1.02 - 3.6	1.3/03.5	64217
2001 ND ₁₅	2009 11 04.3	02 37.85 +21 45.1 18.6	-1.11 - 0.9	2.9/05.7	64160
2000 RU ₂₈	2009 11 04.3	02 37.86 +37 57.8 19.4	-1.13 - 3.6	8.4/10.6	20249
2005 XN ₆₃	2009 11 04.3	02 37.88 +14 39.6 20.0	-0.95 - 3.1	0.3/04.2	64279
2002 TC ₂₂	2009 11 04.3	02 37.90 +20 31.9 19.3	-1.16 - 0.9	2.6/05.4	63639
2005 WM ₁₆₁	2009 11 04.3	02 37.92 +15 13.7 19.8	-0.94 - 5.2	0.1/04.3	63772
2006 BG ₉₁	2009 11 04.3	02 37.97 +09 46.9 21.1	-0.74 - 4.0	1.5/02.9	47379
2001 BQ ₅₂	2009 11 04.3	02 38.03 +10 16.2 19.5	-0.86 - 3.7	1.8/03.1	64159
2008 RO ₂₀	2009 11 04.3	02 38.04 +13 41.9 20.6	-0.53 - 3.4	0.3/03.9	63863
2008 FY ₁₀₀	2009 11 04.3	02 38.07 +07 58.9 21.1	-1.05 - 3.0	2.7/02.7	41575
2002 GC ₁₀	2009 11 04.3	02 38.07 +24 11.7 19.4	-1.23 + 1.7	2.8/05.9	64184
2006 YD ₂₄	2009 11 04.3	02 38.10 +07 58.3 19.3	-1.05 - 0.7	3.9/02.9	64302
2005 UE ₁₉₇	2009 11 04.3	02 38.13 +10 41.0 19.3	-0.95 - 3.1	1.9/03.3	64266
2005 LC ₈	2009 11 04.3	02 38.15 +14 14.7 19.0	-1.15 - 1.4	0.5/04.1	64242
2004 RL ₉₄	2009 11 04.3	02 38.16 +18 54.1 19.3	-0.89 - 5.7	1.2/05.3	64224
2005 WU ₁₀₇	2009 11 04.3	02 38.17 +05 15.7 19.2	-0.92 - 1.3	4.2/02.2	98000
2007 HR ₈₂	2009 11 04.3	02 38.17 +02 52.0 20.5	-0.88 - 2.7	3.9/01.4	41873
2005 WH ₃₂	2009 11 04.3	02 38.20 +04 38.2 19.8	-1.02 - 0.1	4.1/02.2	97983
2005 WF ₄₈	2009 11 04.3	02 38.20 +15 37.4 20.7	-0.98 - 4.3	0.1/04.4	64275
2001 TN ₁₉₆	2009 11 04.3	02 38.29 -05 15.8 17.9	-1.82 +19.1	11.9/04.8	64167
2006 DY ₇₁	2009 11 04.4	02 38.15 +25 55.9 21.2	-0.91 - 1.8	3.0/06.9	02293
2006 KW ₁₀₁	2009 11 04.4	02 38.15 +03 32.4 21.2	-0.60 - 3.5	2.5/01.2	47414
2005 YP ₆₄	2009 11 04.4	02 38.16 +08 22.4 19.6	-0.95 - 0.9	3.3/02.9	56037
2004 PQ ₃₇	2009 11 04.4	02 38.17 +32 12.3 20.0	-1.06 - 3.5	5.4/08.7	64221
2000 AJ ₂₀₆	2009 11 04.4	02 38.20 -13 27.8 19.7	-0.55 - 0.8	5.3/27.6	87367
2004 DA ₅₆	2009 11 04.4	02 38.24 +15 13.1 21.4	-1.02 - 5.5	0.1/04.4	40120
2008 SW ₈₅	2009 11 04.4	02 38.25 +32 36.7 21.0	-0.61 - 1.8	3.1/09.1	50257
2007 GK ₇₁	2009 11 04.4	02 38.25 +12 41.8 21.1	-0.77 - 5.0	0.7/03.7	22888
2000 GQ ₅₄	2009 11 04.4	02 38.27 +13 29.6 20.0	-0.95 - 6.8	0.7/03.9	04135
2008 SL ₂₂₂	2009 11 04.4	02 38.32 +15 06.8 20.3	-0.53 - 3.3	0.1/04.4	64338
2006 BP ₁₅₂	2009 11 04.4	02 38.33 -01 52.3 19.6	-0.81 - 3.0	5.8/31.1	64290
2006 CU ₁₂	2009 11 04.4	02 38.35 -11 14.6 20.8	-0.73 - 3.1	7.0/28.3	59108
2003 SN ₃₀	2009 11 04.4	02 38.36 +06 36.7 19.7	-0.73 - 6.8	2.8/01.9	64207
2007 CU ₂₅	2009 11 04.4	02 38.36 +11 02.2 20.9	-1.03 - 5.1	1.6/03.4	20526
2006 KX ₆₃	2009 11 04.4	02 38.36 +12 20.8 18.7	-0.75 - 9.8	1.1/03.5	63798
2001 XJ ₁₆₉	2009 11 04.4	02 38.37 +27 37.1 19.0	-0.93 - 8.5	4.9/08.0	64174
2007 HG ₁	2009 11 04.4	02 38.38 +20 44.7 20.3	-0.93 - 2.4	1.6/05.7	22888
2005 QH ₁₅	2009 11 04.4	02 38.39 +16 50.8 19.7	-1.00 - 5.3	0.6/04.8	64247

2003 FH ₇₇	2009 11 04.4	02 38.40 +17 44.2 21.0	-0.92 - 5.4	0.7/05.1	64202
2005 VU ₈₂	2009 11 04.4	02 38.40 +16 13.7 18.3	-1.00 + 1.1	0.4/04.6	64273
2006 DL ₆₆	2009 11 04.4	02 38.42 +17 32.3 20.4	-0.80 - 4.7	0.6/05.0	64293
2008 GM ₉₁	2009 11 04.4	02 38.43 +06 15.7 19.3	-0.88 - 9.5	3.6/01.8	64330
1999 VR ₂₁₁	2009 11 04.4	02 38.43 +16 27.6 20.1	-1.03 - 7.4	0.4/04.7	64150
2006 WD ₁₉₈	2009 11 04.4	02 38.47 +28 01.6 20.3	-1.09 - 5.3	4.4/07.7	60881
2005 YK ₂₃₅	2009 11 04.4	02 38.58 +11 44.9 20.3	-0.88 - 3.3	1.2/03.6	20833
2007 KN	2009 11 04.4	02 38.59 +22 04.1 22.0	-1.04 - 2.1	2.2/06.0	41875
2006 SU ₁₃₈	2009 11 04.4	02 38.68 +37 42.1 18.9	-2.01 + 9.9	11.7/06.7	63800
2006 BX ₂₇₄	2009 11 04.5	02 38.51 +27 35.1 20.8	-0.90 - 2.5	3.5/07.5	11158
2007 LD ₃₆	2009 11 04.5	02 38.51 -00 59.0 20.5	-0.77 - 3.8	4.8/31.2	64323
2008 LR	2009 11 04.5	02 38.58 +12 31.8 20.7	-1.04 - 3.7	1.2/03.8	62540
2003 TJ ₅₅	2009 11 04.5	02 38.59 +12 52.2 20.2	-0.85 - 0.9	0.7/03.9	42660
2004 TZ ₄₇	2009 11 04.5	02 38.63 +15 14.7 20.4	-0.89 - 3.1	0.1/04.5	64230
2008 SH ₂₇₈	2009 11 04.5	02 38.64 +22 07.7 20.6	-0.53 - 3.2	1.2/06.4	58168
2005 OR ₂₁	2009 11 04.5	02 38.65 +26 33.6 18.9	-1.12 - 2.7	4.9/07.1	64245
2007 DL ₉₅	2009 11 04.5	02 38.66 +13 04.9 19.9	-0.94 - 2.6	0.8/04.0	64310
2006 CR ₆₁	2009 11 04.5	02 38.67 -21 34.7 21.2	-0.73 - 2.6	8.5/24.6	22538
2007 EG ₁₇	2009 11 04.5	02 38.68 +22 13.9 20.3	-1.12 - 3.3	2.7/06.1	19710
2006 HU ₅₁	2009 11 04.5	02 38.70 +21 15.4 20.6	-0.82 - 5.5	1.6/06.1	21359
2007 CV ₁₈	2009 11 04.5	02 38.70 +12 42.4 19.2	-0.99 - 2.6	1.3/03.9	64305
2002 TW ₃₁₁	2009 11 04.5	02 38.71 +03 49.3 19.9	-1.06 - 1.8	4.8/02.1	40109
2008 EB ₁₂₂	2009 11 04.5	02 38.72 +18 39.2 20.6	-1.12 - 4.7	1.3/05.3	63845
2005 QT ₃₃	2009 11 04.5	02 38.73 +02 16.6 19.6	-0.90 - 5.9	5.9/32.0	22515
2006 AJ ₈₁	2009 11 04.5	02 38.77 +35 06.5 20.9	-1.03 - 3.5	6.4/09.6	02270
2008 HH ₅₉	2009 11 04.5	02 38.79 +12 33.3 21.5	-1.00 - 6.1	1.0/03.8	50128
2002 CT ₇₆	2009 11 04.5	02 38.82 +10 10.0 20.5	-0.92 - 4.4	1.9/03.2	64180
2002 GD ₅₇	2009 11 04.5	02 38.84 +43 52.4 19.0	-1.89 + 9.2	15.4/08.0	64184
2001 HX ₁₃	2009 11 04.5	02 38.85 +13 04.1 21.9	-1.09 - 6.1	0.9/04.0	07913
2003 SY ₂₀₀	2009 11 04.5	02 38.87 +13 59.4 19.7	-0.78 - 5.2	0.5/04.2	64209
2005 UO ₅₂₂	2009 11 04.5	02 38.87 +14 51.2 21.2	-1.05 - 3.6	0.2/04.4	57028
2002 CU ₅₇	2009 11 04.5	02 38.91 +25 14.6 18.7	-1.03 - 2.9	4.4/06.8	64180
2005 VT ₃₃	2009 11 04.5	02 38.93 +10 25.7 19.2	-0.82 - 3.8	2.5/03.3	63755
2004 XW ₉	2009 11 04.5	02 38.98 +13 50.2 19.1	-0.88 - 2.0	0.6/04.2	64237
2002 RN ₅₈	2009 11 04.6	02 38.91 +27 17.6 18.8	-1.08 - 3.9	5.9/08.0	64190
2003 QV ₄₆	2009 11 04.6	02 38.93 +34 15.9 19.4	-0.96 - 4.9	6.1/10.0	64205
2002 GT ₈₁	2009 11 04.6	02 38.94 +16 29.1 20.5	-0.95 - 0.5	0.3/04.8	62346
2005 AH ₉	2009 11 04.6	02 38.94 -05 03.8 19.7	-0.94 + 0.7	6.9/31.1	64239
2005 YH ₁₂₅	2009 11 04.6	02 38.97 +11 15.8 20.5	-0.91 - 2.7	1.5/03.6	64283
2007 GZ ₃₆	2009 11 04.6	02 38.99 +10 42.7 20.8	-0.96 - 3.7	1.8/03.5	20609
2007 BN ₇₀	2009 11 04.6	02 39.02 +23 22.0 19.4	-1.09 + 0.4	2.8/06.2	64305
2007 DX ₃₂	2009 11 04.6	02 39.03 +18 12.7 21.3	-0.94 - 3.5	0.8/05.3	59788
2000 WS ₅₁	2009 11 04.6	02 39.04 +07 42.8 19.6	-1.02 + 2.9	3.5/03.3	63616
2004 FX ₆₇	2009 11 04.6	02 39.06 +08 56.4 21.2	-0.97 - 4.0	2.1/03.1	59723
2001 TY ₇₂	2009 11 04.6	02 39.08 +15 45.5 18.4	-1.05 - 1.1	0.1/04.7	64165
2005 SP ₂₆	2009 11 04.6	02 39.10 +14 45.3 18.9	-0.98 - 2.4	0.3/04.5	63723
1999 ST ₁₆	2009 11 04.6	02 39.14 +26 39.5 18.7	-0.85 - 5.4	5.2/08.0	64148
2002 VR ₉₂	2009 11 04.6	02 39.15 +09 09.2 18.9	-0.82 - 4.4	3.4/03.0	63648
2007 ES ₁₇₁	2009 11 04.6	02 39.15 +19 49.4 19.8	-0.94 - 1.2	1.4/05.6	20857
2007 EA ₆₇	2009 11 04.6	02 39.16 +08 32.1 22.1	-0.89 - 4.5	2.2/02.9	20853
2005 VM ₁₂₉	2009 11 04.6	02 39.22 +09 51.8 20.7	-0.97 - 4.4	2.4/03.3	64273

1998 RF ₈	2009 11 04.6	02 39.26 +24 59.2 20.1	-1.19	0.0	4.3/06.5	64146
2005 UF ₃₈₀	2009 11 04.6	02 39.30 +08 33.9 20.1	-1.10	0.0	2.6/03.3	21166
2004 JC ₂₇	2009 11 04.6	02 39.34 +10 50.6 20.5	-1.09	- 2.7	1.6/03.7	16271
2003 QR ₈₅	2009 11 04.6	02 39.34 -00 08.6 19.1	-0.69	- 9.2	5.6/30.7	64206
2006 HN ₆₁	2009 11 04.6	02 39.35 +12 20.5 20.3	-0.81	- 3.6	1.0/03.9	62483
2001 XA ₉₆	2009 11 04.7	02 39.32 +21 50.5 18.8	-0.93	- 6.6	2.5/06.4	64173
2003 FM	2009 11 04.7	02 39.33 +18 44.2 21.4	-1.00	- 2.0	0.9/05.4	18046
2005 SO ₁₅₉	2009 11 04.7	02 39.43 +26 55.2 19.4	-1.04	- 6.8	4.6/08.0	95885
2001 FU ₁₁₉	2009 11 04.7	02 39.44 +16 41.4 20.7	-1.07	- 4.4	0.4/05.0	64159
2007 ES ₇	2009 11 04.7	02 39.47 +24 30.2 20.0	-1.09	- 0.8	2.9/06.6	64310
2005 MO ₂₆	2009 11 04.7	02 39.47 +21 13.3 20.2	-1.04	- 7.6	2.3/06.3	58503
2000 DH ₄₉	2009 11 04.7	02 39.48 +06 03.4 20.6	-0.77	- 4.1	2.8/02.3	64152
1997 NO ₂	2009 11 04.7	02 39.48 +11 00.2 20.4	-0.95	- 7.8	1.6/03.5	64145
2002 VH ₁₄₅	2009 11 04.7	02 39.48 +09 26.6 19.4	-0.94	- 3.0	3.1/03.3	64197
2009 SZ ₂₀₀	2009 11 04.7	02 39.51 +18 53.1 18.3	-1.23	+ 3.4	1.5/05.3	64391
2008 HQ ₃₂	2009 11 04.7	02 39.56 +08 24.3 19.0	-0.91	- 9.3	3.0/02.7	63856
2005 YD ₂₀₁	2009 11 04.7	02 39.56 +19 06.5 20.0	-0.90	- 4.7	1.5/05.7	63784
2004 EA ₆₇	2009 11 04.7	02 39.60 +17 58.4 20.1	-1.09	- 4.1	0.9/05.3	63675
2004 RK ₈₄	2009 11 04.7	02 39.63 +07 34.5 19.3	-0.76	-10.1	2.9/02.3	63681
2005 WC ₄₈	2009 11 04.7	02 39.65 +15 22.0 20.6	-0.95	- 3.5	0.1/04.7	20447
2005 UV ₁₂₉	2009 11 04.7	02 39.65 +17 13.4 20.0	-0.95	- 5.9	0.6/05.2	96160
2003 QE ₇₀	2009 11 04.7	02 39.65 +05 35.7 20.0	-0.82	- 2.6	3.1/02.4	64206
2002 CE ₁₉₉	2009 11 04.7	02 39.66 -03 16.5 20.0	-0.86	- 4.3	7.2/30.8	64181
2005 OR ₁₀	2009 11 04.7	02 39.70 +26 16.7 19.5	-1.18	- 3.5	4.1/07.3	47351
1999 XR ₂₂₇	2009 11 04.7	02 39.72 +15 48.5 20.6	-1.04	- 5.0	0.1/04.8	64150
2006 AT ₁₉	2009 11 04.7	02 39.74 +13 22.1 19.1	-0.94	- 2.1	0.8/04.3	64286
2005 YU ₂₁₇	2009 11 04.7	02 39.74 +29 47.6 19.4	-0.95	- 6.5	5.4/08.8	64285
2004 FO ₆₉	2009 11 04.7	02 39.75 +04 06.7 19.4	-0.92	- 8.0	4.5/01.7	64217
2004 RV ₁₃₁	2009 11 04.7	02 39.76 +08 38.3 20.8	-0.86	- 4.7	2.6/03.0	73098
2007 ER ₁₉₄	2009 11 04.8	02 39.70 +17 26.2 20.3	-1.05	- 3.7	0.8/05.2	64316
2001 YH ₅₁	2009 11 04.8	02 39.71 +34 40.3 18.2	-0.77	-11.9	9.4/12.1	64176
2006 BX ₅₉	2009 11 04.8	02 39.82 +19 38.7 20.3	-0.85	- 3.5	1.2/05.8	64288
2003 SB ₂₈₀	2009 11 04.8	02 39.85 +30 27.1 20.3	-0.90	- 3.6	4.7/08.7	64209
2005 OQ ₂₇	2009 11 04.8	02 39.86 +28 38.9 20.3	-1.25	- 2.3	5.3/08.0	11116
2006 AR ₈₂	2009 11 04.8	02 39.90 +10 07.5 18.2	-1.10	+ 3.2	2.4/04.0	64287
1996 GV ₆	2009 11 04.8	02 39.91 +17 02.9 19.4	-0.90	- 1.3	0.5/05.2	64145
2007 ET ₄₁	2009 11 04.8	02 39.92 +24 15.9 21.4	-1.13	- 3.9	3.6/06.9	19389
2002 AO ₃₇	2009 11 04.8	02 39.93 +04 27.4 19.7	-0.93	- 3.3	4.8/02.1	94478
2006 YN ₅₀	2009 11 04.8	02 39.94 +07 20.8 18.5	-0.97	- 2.6	4.2/03.0	64302
2005 UW ₄₅₄	2009 11 04.8	02 39.95 +06 03.9 18.5	-1.13	+ 3.5	4.1/03.4	63751
2002 CP ₁₈₀	2009 11 04.8	02 39.99 +27 01.7 19.1	-1.00	- 3.5	4.1/07.7	64181
2006 BN ₁₀₀	2009 11 04.8	02 39.99 +05 14.3 20.3	-0.75	- 3.7	2.8/02.2	41841
2006 BR ₂₁₁	2009 11 04.8	02 40.00 +00 03.7 19.8	-0.79	- 4.7	5.1/31.7	64291
2008 HP ₃₃	2009 11 04.8	02 40.01 +01 53.9 20.5	-0.96	- 3.9	5.1/01.6	64332
2005 UA ₅₂₀	2009 11 04.8	02 40.02 +12 11.9 21.5	-1.01	- 4.1	1.2/04.1	40153
1997 LS ₁	2009 11 04.8	02 40.02 -00 49.4 19.9	-1.00	- 3.2	6.2/01.0	64145
2007 AA ₁₆	2009 11 04.8	02 40.06 +16 42.0 19.1	-1.09	- 2.5	0.5/05.1	64302
2005 QV ₅	2009 11 04.8	02 40.07 +04 17.9 19.6	-0.86	- 6.2	5.2/01.8	97789
2003 FN ₇₅	2009 11 04.8	02 40.16 +34 12.0 21.2	-1.04	- 4.1	5.5/09.8	60338
2008 FZ ₁₂₇	2009 11 04.8	02 40.16 +09 33.2 21.1	-1.02	- 3.7	2.2/03.5	43299
2003 BN ₆	2009 11 04.8	02 40.17 -05 03.0 20.2	-0.95	- 4.6	8.6/30.3	64200

2003 SX ₃₀₇	2009 11 04.9	02 40.11 +30 52.9 19.9	-0.95	- 2.2	4.7/08.7	64210
2009 TD ₅	2009 11 04.9	02 40.12 +15 58.1 18.1	-0.90	- 9.0	0.2/05.0	64055
2003 HU ₃₉	2009 11 04.9	02 40.12 +08 03.2 19.6	-1.05	+ 1.4	2.4/03.6	16255
2005 WP ₉₀	2009 11 04.9	02 40.13 +22 49.3 18.8	-0.99	- 3.6	3.1/06.7	64275
2005 SB ₁₄₄	2009 11 04.9	02 40.13 +18 28.0 20.3	-1.11	- 1.6	1.2/05.5	63728
2005 WS ₁₃₅	2009 11 04.9	02 40.21 +10 46.7 19.8	-1.01	- 1.9	1.8/03.9	55204
1998 DO ₁₂	2009 11 04.9	02 40.21 +05 01.0 19.9	-0.91	- 5.0	3.8/02.2	19511
2004 SH ₄	2009 11 04.9	02 40.23 +30 09.1 19.1	-0.97	- 4.3	5.8/08.8	64228
2006 XH ₇	2009 11 04.9	02 40.25 +09 16.3 20.2	-1.11	- 1.9	2.6/03.6	64300
2007 PB ₉	2009 11 04.9	02 40.26 +45 03.5 19.1	-0.72	- 2.1	5.5/13.8	64323
2008 EB	2009 11 04.9	02 40.28 +42 03.3 19.5	-2.24	+10.9	13.6/07.0	41914
2008 RW ₁₂₄	2009 11 04.9	02 40.31 +16 31.4 19.6	-0.55	- 2.0	0.2/05.2	63865
2006 DN ₇₉	2009 11 04.9	02 40.35 +04 36.7 19.8	-0.80	- 6.4	3.9/01.9	63796
2005 GB ₂₆	2009 11 04.9	02 40.39 +15 29.9 18.9	-1.11	- 3.7	0.1/04.9	64241
2007 EE ₁₆₅	2009 11 04.9	02 40.40 +17 35.3 19.4	-1.03	- 0.3	0.6/05.4	64315
2001 XJ ₁₂₄	2009 11 04.9	02 40.40 +14 12.8 18.9	-0.93	- 5.8	0.5/04.6	64174
2005 SO ₁₆₈	2009 11 04.9	02 40.42 +12 52.4 20.2	-0.95	- 8.0	1.0/04.2	11132
2002 SP ₃₁	2009 11 04.9	02 40.43 +00 34.6 19.5	-1.02	- 3.8	6.2/01.5	64192
2006 BS ₉₇	2009 11 04.9	02 40.47 +09 18.0 20.3	-0.89	- 2.9	2.2/03.5	64289
2003 SR ₇₇	2009 11 04.9	02 40.49 +15 16.9 19.3	-0.76	- 7.3	0.1/04.9	64207
2003 QV ₆₀	2009 11 04.9	02 40.55 +32 33.5 18.9	-1.09	+ 0.1	5.8/08.8	64205
2005 WB ₁₆₆	2009 11 04.9	02 40.55 -03 40.6 19.2	-1.04	+ 7.7	10.0/02.7	63772
2006 BS ₁₀	2009 11 04.9	02 40.55 -01 49.4 19.6	-0.80	- 3.0	5.4/31.6	64288
2003 UL ₇₉	2009 11 04.9	02 40.56 +37 39.1 19.8	-0.99	- 2.8	7.1/11.0	64211
2005 XW ₇₂	2009 11 04.9	02 40.58 +02 31.2 19.5	-0.95	- 0.5	4.5/02.3	64279
2005 QD ₃₀	2009 11 05.0	02 40.55 +15 55.8 20.4	-1.04	- 5.5	0.1/05.1	39220
2005 TF ₈₈	2009 11 05.0	02 40.60 +12 18.2 20.3	-1.06	- 3.1	1.4/04.3	64259
2002 LT ₁₄	2009 11 05.0	02 40.62 +10 35.6 19.5	-0.87	- 1.3	1.5/03.9	64186
2007 HT ₃₃	2009 11 05.0	02 40.63 +18 02.3 19.5	-0.95	- 0.8	0.8/05.5	64321
2006 BS ₁₆₉	2009 11 05.0	02 40.65 +22 56.3 20.0	-0.88	- 3.1	2.4/06.8	64290
2005 MZ ₂₅	2009 11 05.0	02 40.65 +09 39.2 20.1	-1.03	- 4.6	2.5/03.6	64243
2004 RK ₇₄	2009 11 05.0	02 40.66 +29 10.8 19.5	-1.05	- 2.1	4.2/08.2	64224
2009 SH ₃₃₈	2009 11 05.0	02 40.67 +02 15.9 20.2	-0.82	- 1.3	4.1/02.0	64050
2002 CG ₉₁	2009 11 05.0	02 40.69 +08 46.9 19.6	-0.91	- 3.8	2.7/03.4	20760
2004 QC ₁₃	2009 11 05.0	02 40.72 -01 58.1 20.3	-0.92	- 2.0	6.0/01.2	40127
2008 QK ₃	2009 11 05.0	02 40.72 +07 30.9 20.9	-0.74	- 5.1	2.3/02.9	49035
2004 DN ₁	2009 11 05.0	02 40.74 -18 08.9 21.0	-0.96	- 2.8	10.8/27.5	40684
2009 TA ₂₀	2009 11 05.0	02 40.74 +11 50.9 19.4	-0.77	- 7.5	1.3/04.0	64062
2008 RX ₇₈	2009 11 05.0	02 40.74 +21 09.9 20.2	-0.53	- 3.1	1.0/06.6	64336
2001 XW ₁₅₅	2009 11 05.0	02 40.75 +17 01.7 18.5	-0.90	- 6.4	0.6/05.4	64174
2007 HK ₅₈	2009 11 05.0	02 40.78 +05 48.1 19.6	-0.85	- 0.9	2.8/02.9	64321
2003 UO ₁₂₇	2009 11 05.0	02 40.80 +05 50.0 20.6	-0.75	- 7.7	2.9/02.2	64212
2008 SX ₂₁₆	2009 11 05.0	02 40.81 +24 43.1 20.7	-0.56	- 2.8	1.7/07.6	64338
2003 OV ₂₇	2009 11 05.0	02 40.87 -13 12.6 19.5	-0.78	- 2.7	9.4/28.7	19602
2005 XO ₅₄	2009 11 05.0	02 40.88 +17 04.8 21.6	-0.95	- 3.7	0.5/05.4	20828
2004 ND ₉	2009 11 05.0	02 40.88 +07 11.6 20.5	-0.89	- 5.2	2.8/02.9	18075
2003 US ₄₂	2009 11 05.0	02 40.90 +08 25.2 20.3	-0.74	- 5.4	2.0/03.1	48521
2006 DX ₆₂	2009 11 05.0	02 40.92 +42 58.8 20.1	-1.22	+ 1.3	7.4/10.9	43260
2008 SW ₂₂₃	2009 11 05.0	02 40.93 +23 23.1 20.2	-0.57	- 2.3	1.5/07.2	64338
2004 RA ₃₉	2009 11 05.0	02 40.93 +09 25.8 20.7	-0.87	- 4.8	2.2/03.5	89593
2005 UB ₂₆₆	2009 11 05.1	02 40.89 +11 25.0 20.5	-0.95	- 3.7	1.4/04.1	64267

2002 RQ ₂₆	2009 11 05.1	02 40.89 +18 54.2 20.1	-1.07	- 7.7	1.3/06.0	64190
2005 YF ₁₁₇	2009 11 05.1	02 40.92 +18 24.8 21.1	-0.91	- 3.7	1.0/05.8	63783
2005 XV ₄₅	2009 11 05.1	02 40.93 +21 37.9 19.3	-0.92	- 3.7	2.8/06.6	02262
2005 SW ₁₀₂	2009 11 05.1	02 40.96 +23 42.9 20.3	-1.08	- 4.2	3.0/07.1	64254
2000 HR ₈₆	2009 11 05.1	02 40.96 +10 32.8 20.7	-0.96	- 4.5	1.7/03.9	58401
2003 SQ ₃₉₀	2009 11 05.1	02 41.05 +15 31.5 19.9	-0.86	- 1.4	0.0/05.1	64210
2006 DY ₈₀	2009 11 05.1	02 41.06 +18 11.5 19.9	-0.83	- 3.8	0.8/05.8	64293
2003 AC ₈₈	2009 11 05.1	02 41.06 +03 06.6 20.0	-0.98	- 5.0	5.1/02.0	20773
2007 DC ₃₇	2009 11 05.1	02 41.08 +06 37.1 21.2	-0.80	- 5.0	2.6/02.8	64308
2002 TB ₂₃₃	2009 11 05.1	02 41.08 +28 12.7 18.9	-1.00	- 9.8	6.1/09.1	64194
2008 QE ₃₇	2009 11 05.1	02 41.08 +19 23.3 19.7	-0.72	- 3.1	1.0/06.1	64336
2005 UR ₅₁₀	2009 11 05.1	02 41.09 +15 34.3 20.2	-0.91	- 5.2	0.0/05.1	11147
2006 AS ₈₆	2009 11 05.1	02 41.10 +10 48.9 20.9	-0.81	- 3.0	1.3/04.0	96966
2008 JN ₁	2009 11 05.1	02 41.12 +23 50.2 20.2	-1.27	- 0.4	3.4/06.8	41663
2007 CK ₁₉	2009 11 05.1	02 41.12 +18 24.8 19.4	-1.14	- 1.9	1.1/05.7	64305
2005 XP ₅₀	2009 11 05.1	02 41.21 +13 22.6 20.0	-0.96	- 1.7	0.8/04.7	64279
2004 XZ ₇	2009 11 05.1	02 41.21 -01 04.6 19.1	-0.86	- 0.3	6.0/01.5	63696
2007 HN ₂₃	2009 11 05.1	02 41.24 +12 58.0 20.5	-0.78	- 4.5	0.8/04.5	64320
2003 FL ₁₂₀	2009 11 05.1	02 41.25 +18 53.0 20.2	-0.96	- 4.0	1.1/06.0	64203
2007 HS ₅	2009 11 05.1	02 41.27 +15 31.2 20.4	-0.87	- 1.2	0.0/05.1	62519
1996 RB ₃	2009 11 05.1	02 41.3 +70 25.6 20.0	-3.91	+ 9.9	25.6/17.7	58393
2008 GQ ₃₁	2009 11 05.1	02 41.30 +16 04.8 17.6	-1.76	+15.2	0.2/05.2	63851
2006 AA ₄₆	2009 11 05.1	02 41.31 -01 13.7 20.1	-0.91	- 3.6	6.6/31.8	63786
2005 LE ₈	2009 11 05.1	02 41.32 +08 51.1 20.7	-1.08	- 3.6	2.7/03.7	37373
2002 OP ₁₇	2009 11 05.1	02 41.33 +14 37.8 20.1	-1.05	- 7.6	0.4/04.9	62349
1999 UP ₃₇	2009 11 05.1	02 41.34 +15 20.0 19.8	-0.89	- 2.9	0.1/05.1	64149
2003 CH ₇	2009 11 05.1	02 41.34 +57 51.7 19.8	-1.81	+ 2.9	16.9/13.7	19591
2007 EO ₁₂	2009 11 05.1	02 41.35 +12 54.1 20.4	-1.01	- 3.9	1.0/04.5	64311
2002 AR ₁₉₇	2009 11 05.1	02 41.36 +08 10.8 20.0	-0.98	- 0.8	2.5/03.6	20759
2002 TO ₄₄	2009 11 05.1	02 41.36 +16 25.7 18.3	-1.15	+ 0.7	0.4/05.3	63639
2001 QO	2009 11 05.1	02 41.38 -22 51.3 19.8	-1.09	- 5.8	17.2/24.3	35780
2003 SN ₅₉	2009 11 05.2	02 41.28 -07 08.0 19.0	-0.70	- 6.6	8.6/29.4	64207
2001 YU ₁₁₇	2009 11 05.2	02 41.29 -00 29.2 18.1	-0.94	+ 0.4	7.2/01.9	64176
2003 GR ₂₄	2009 11 05.2	02 41.30 +04 19.7 19.5	-0.53	- 2.9	2.3/02.1	64203
2000 JW ₃	2009 11 05.2	02 41.31 -06 45.0 19.4	-1.57	+ 9.1	10.9/03.4	64153
2005 AH ₈₁	2009 11 05.2	02 41.32 +49 58.7 19.3	-2.03	+ 6.4	17.8/11.0	64240
2008 SK ₂₂₇	2009 11 05.2	02 41.33 +16 15.1 20.0	-0.53	- 3.6	0.1/05.4	63867
2004 TT ₁₂₉	2009 11 05.2	02 41.35 +21 27.5 20.4	-0.98	- 2.5	1.8/06.5	73342
2008 HL ₄	2009 11 05.2	02 41.38 +15 08.8 21.4	-1.01	- 5.2	0.2/05.1	40008
2004 QW ₁₂	2009 11 05.2	02 41.39 -01 29.4 20.6	-0.94	- 2.0	5.7/01.5	58480
2004 VY ₅₄	2009 11 05.2	02 41.42 -00 38.9 19.4	-0.78	- 4.9	5.6/31.9	64235
2008 NP ₁	2009 11 05.2	02 41.42 -12 42.1 19.8	-0.81	- 6.8	9.2/27.5	41702
2008 PF ₄	2009 11 05.2	02 41.44 +20 01.8 19.9	-0.78	- 5.9	1.3/06.4	64335
2005 JO ₇₃	2009 11 05.2	02 41.45 +12 57.0 19.4	-1.03	- 8.2	1.2/04.5	64241
2002 AH ₁₀₇	2009 11 05.2	02 41.46 +19 31.5 19.3	-0.96	- 3.9	1.6/06.2	63620
2000 FG ₁₄	2009 11 05.2	02 41.47 +18 15.3 21.0	-1.04	- 4.3	0.9/05.8	14598
1996 RB ₁₉	2009 11 05.2	02 41.48 +21 05.3 21.1	-0.57	- 2.0	1.0/06.7	58393
2001 TK ₂₄₆	2009 11 05.2	02 41.49 +12 31.1 20.2	-0.93	- 4.8	1.4/04.5	64167
2005 YP ₄₈	2009 11 05.2	02 41.51 +08 21.2 20.5	-0.87	- 3.4	2.6/03.5	98040
2004 FC ₃₆	2009 11 05.2	02 41.51 +11 04.9 20.7	-1.02	- 4.6	1.6/04.1	12874
2005 OT ₅	2009 11 05.2	02 41.54 +08 46.9 20.4	-1.05	- 4.3	2.8/03.7	39218

2001 RD ₁₁₃	2009 11 05.2	02 41.56 +16 50.8 20.9	-1.01	- 4.5	0.4/05.5	64163
2003 GT ₁₀	2009 11 05.2	02 41.60 -03 47.3 20.6	-0.84	- 4.6	6.0/31.2	64203
2004 GW ₃₃	2009 11 05.2	02 41.64 +14 43.9 19.8	-1.07	- 2.9	0.3/05.1	64218
2006 DN ₈₂	2009 11 05.2	02 41.64 +28 01.0 20.2	-0.91	- 2.4	3.7/08.3	55217
2004 RB ₃₅	2009 11 05.2	02 41.67 +20 16.9 19.3	-0.98	- 2.3	1.6/06.3	64223
2005 YD ₇₆	2009 11 05.2	02 41.73 +17 26.8 19.6	-0.94	- 3.0	0.7/05.7	64282
2001 YP ₁₀₈	2009 11 05.2	02 41.77 +17 14.9 18.4	-1.07	- 0.3	0.6/05.6	64176
2004 TS ₈₅	2009 11 05.2	02 41.77 +19 16.0 20.6	-0.92	- 3.4	1.1/06.2	64230
2008 DZ ₆₇	2009 11 05.2	02 41.77 +43 40.5 21.0	-1.70	+ 0.7	12.1/11.1	39291
2005 WW ₇₈	2009 11 05.3	02 41.68 +21 54.8 20.1	-0.95	- 5.2	2.4/06.9	96497
2003 SS ₁₄₈	2009 11 05.3	02 41.69 +22 51.8 19.2	-0.88	- 2.0	2.4/07.0	64208
2007 JG ₁	2009 11 05.3	02 41.71 +15 27.2 20.6	-0.83	- 2.5	0.1/05.2	64322
2003 SB ₉	2009 11 05.3	02 41.71 +24 15.0 20.2	-0.88	- 2.5	2.5/07.4	47255
2002 CF ₃₀₉	2009 11 05.3	02 41.72 +02 44.4 19.3	-0.51	- 2.4	2.4/01.8	64182
2005 PL ₈	2009 11 05.3	02 41.81 +05 29.1 21.1	-1.04	- 3.0	4.0/03.1	41187
2005 NS ₆₀	2009 11 05.3	02 41.83 +18 33.7 19.6	-1.03	- 7.3	1.1/06.1	64244
2001 UK ₅₂	2009 11 05.3	02 41.85 +12 37.5 19.0	-1.16	+ 2.2	1.3/04.8	64167
2005 GC ₆	2009 11 05.3	02 41.90 +11 43.5 20.5	-0.67	- 2.0	0.9/04.4	89650
2001 XH ₄₅	2009 11 05.3	02 41.90 +20 01.9 18.6	-1.15	+ 1.0	1.7/06.1	64173
2002 RO ₂₇₀	2009 11 05.3	02 41.93 +10 15.9 19.9	-1.04	- 6.1	2.1/04.0	64192
2003 GJ ₅₁	2009 11 05.3	02 42.01 +05 07.0 22.4	-0.84	- 6.4	3.1/02.5	47537
2007 BN ₇₉	2009 11 05.3	02 42.01 +11 54.6 20.3	-1.01	- 4.7	1.6/04.4	40450
2003 QR ₂₂	2009 11 05.3	02 42.07 +17 26.9 18.5	-0.78	- 5.8	0.7/05.9	64205
2007 CW ₁₈	2009 11 05.3	02 42.12 +19 06.0 21.4	-1.08	- 4.1	1.3/06.2	19339
2004 DQ ₅₉	2009 11 05.3	02 42.13 +09 23.3 19.8	-0.69	- 2.2	1.6/03.8	64216
2002 NA ₆₆	2009 11 05.3	02 42.15 +19 12.5 19.9	-1.08	- 7.4	1.5/06.3	39169
2005 NL ₇₇	2009 11 05.3	02 42.15 +14 38.3 19.6	-1.00	- 7.3	0.4/05.1	62423
2008 KU ₁₅	2009 11 05.3	02 42.17 -05 01.8 21.4	-0.93	- 1.6	7.3/31.9	40774
2005 SG ₂₄₆	2009 11 05.4	02 42.10 +16 26.1 20.6	-1.00	- 4.5	0.2/05.6	60838
2006 CE ₂₆	2009 11 05.4	02 42.13 +11 21.4 19.4	-0.86	- 3.2	1.6/04.4	64292
2002 LG ₂₅	2009 11 05.4	02 42.14 -02 14.4 20.6	-0.74	- 3.8	4.4/31.8	59680
2005 AY ₈₁	2009 11 05.4	02 42.14 -04 16.5 19.5	-0.90	+ 0.2	6.8/32.0	09107
2005 YY ₁₂₅	2009 11 05.4	02 42.16 +05 30.2 20.2	-0.95	- 1.9	3.7/03.1	60856
1996 TN ₃₀	2009 11 05.4	02 42.16 +15 51.8 20.0	-1.06	- 2.5	0.1/05.4	64145
2007 QK ₁₅	2009 11 05.4	02 42.20 +32 11.8 20.6	-0.61	- 1.8	2.9/09.9	58895
2002 ED ₁₂₀	2009 11 05.4	02 42.30 +07 03.3 21.0	-0.47	- 2.0	1.3/03.1	47209
2005 YY ₉₀	2009 11 05.4	02 42.31 +04 32.3 20.2	-0.84	- 3.6	3.8/02.7	20468
2005 YD ₁₇₈	2009 11 05.4	02 42.32 +16 40.9 20.8	-0.89	- 3.9	0.3/05.7	64284
2003 SG ₃₀₂	2009 11 05.4	02 42.32 -00 17.4 20.3	-0.74	- 5.1	4.9/01.1	62377
2003 PT ₄	2009 11 05.4	02 42.33 +18 49.9 18.6	-0.81	- 7.2	1.0/06.3	64205
2005 WG ₂₄	2009 11 05.4	02 42.35 +08 31.5 18.6	-1.11	+ 3.6	3.3/04.3	64274
2007 FG ₃₆	2009 11 05.4	02 42.35 +09 48.5 20.1	-0.85	- 6.0	2.1/03.9	20860
2002 EG ₇₄	2009 11 05.4	02 42.36 +10 26.0 19.7	-0.88	- 7.4	1.8/04.0	31979
2008 FK ₁₃₀	2009 11 05.4	02 42.39 +12 09.5 20.6	-1.07	- 2.6	1.4/04.7	43300
2005 QY ₂₄	2009 11 05.4	02 42.41 +22 47.6 19.7	-1.12	- 1.3	3.1/07.0	63714
2005 WG ₁₃₉	2009 11 05.4	02 42.43 +33 50.9 19.4	-0.97	-11.2	6.4/11.3	63770
2004 FE ₃₆	2009 11 05.4	02 42.44 +19 14.7 19.6	-1.16	- 1.4	1.4/06.2	64217
2002 US ₇₀	2009 11 05.4	02 42.45 +16 11.6 19.2	-1.23	+ 1.5	0.2/05.5	64195
2008 EO ₁₁₆	2009 11 05.4	02 42.45 +17 38.8 21.8	-1.11	- 3.5	0.7/05.9	40201
2005 QP ₅₂	2009 11 05.4	02 42.45 +20 47.3 20.0	-1.11	- 3.3	2.0/06.6	38050
2005 QQ ₁₇₈	2009 11 05.4	02 42.49 +05 32.7 19.2	-0.87	- 4.7	4.8/02.9	64251

2005 SD ₈₆	2009 11 05.4	02 42.50 +18 47.0 20.8	-1.09	- 2.5	1.1/06.1	64254
2007 BN ₁₇	2009 11 05.4	02 42.52 +18 26.5 20.6	-1.05	- 5.6	1.0/06.1	63810
2008 FJ ₅₉	2009 11 05.4	02 42.55 +09 57.0 20.1	-1.06	- 3.7	2.3/04.2	64328
2003 SR ₁₀₁	2009 11 05.4	02 42.59 +44 26.2 19.9	-1.21	+ 0.6	9.4/12.5	95075
2003 KJ ₁₁	2009 11 05.5	02 42.49 -12 09.8 20.1	-1.87	+19.8	15.6/06.3	87583
2005 XT	2009 11 05.5	02 42.51 +03 09.1 18.8	-0.80	- 6.5	5.6/02.0	63774
1998 VW ₄₀	2009 11 05.5	02 42.54 +08 48.6 20.6	-0.85	- 1.1	2.1/04.0	20242
2006 DD ₂₁₅	2009 11 05.5	02 42.56 +27 10.9 20.3	-0.96	- 1.5	3.8/08.1	11163
2004 XA ₂₆	2009 11 05.5	02 42.56 +45 46.3 19.2	-1.02	- 5.6	9.0/14.7	00869
2008 HD ₆₂	2009 11 05.5	02 42.64 +05 20.5 19.6	-0.94	- 3.0	4.2/03.2	64333
1996 VW ₃₅	2009 11 05.5	02 42.64 +04 01.7 20.0	-0.87	- 4.2	4.3/02.6	17893
2002 QG ₁₁₅	2009 11 05.5	02 42.69 +07 04.6 20.6	-1.08	- 3.8	3.3/03.6	37962
2002 EX ₅₂	2009 11 05.5	02 42.69 +07 39.4 19.4	-0.89	- 4.4	3.2/03.5	64182
2005 QW ₄₄	2009 11 05.5	02 42.70 +17 31.9 18.0	-0.97	- 1.9	0.9/05.9	64247
2001 VR ₇₀	2009 11 05.5	02 42.73 +10 52.0 18.6	-1.00	- 0.9	2.1/04.5	64170
2004 GF ₈₂	2009 11 05.5	02 42.75 +14 52.2 21.3	-0.99	- 4.9	0.3/05.3	14722
1999 XV ₂₄₄	2009 11 05.5	02 42.76 +13 42.0 19.6	-1.12	- 2.4	0.9/05.1	64151
2001 QP ₁₅₈	2009 11 05.5	02 42.76 +26 12.2 19.7	-1.10	- 4.3	4.1/08.1	39150
2005 MC ₂₉	2009 11 05.5	02 42.80 +15 11.7 19.1	-0.97	- 7.9	0.3/05.4	64243
2004 NU ₁	2009 11 05.5	02 42.81 +35 13.0 18.8	-1.05	- 5.2	7.4/11.1	70367
2005 VH ₁₂₆	2009 11 05.5	02 42.84 +13 44.1 20.7	-0.89	- 5.1	1.0/05.1	21849
2002 ES ₄₅	2009 11 05.5	02 42.84 +12 17.6 19.9	-0.91	- 2.7	1.2/04.8	64182
2003 SK ₁₇₃	2009 11 05.5	02 42.85 +22 43.5 19.0	-0.88	- 2.9	2.4/07.3	64208
2008 GU ₁₃₀	2009 11 05.5	02 42.86 +05 20.7 19.9	-1.04	- 1.5	4.4/03.4	40764
2006 DW ₁₀	2009 11 05.5	02 42.87 +05 55.2 20.3	-0.80	- 2.9	2.8/03.2	01330
2007 LY ₂₀	2009 11 05.5	02 42.93 +10 04.6 21.0	-0.75	- 5.9	1.7/04.0	64323
2005 SM ₂₇	2009 11 05.5	02 42.94 +16 02.6 19.3	-0.90	- 8.1	0.1/05.7	64252
2001 FS ₇₈	2009 11 05.5	02 42.96 +12 08.2 20.7	-1.07	- 3.6	1.3/04.8	62313
2004 XY ₁₁₆	2009 11 05.6	02 42.90 +00 58.9 19.5	-0.81	- 1.8	4.6/02.2	64238
2001 VV ₁₂₄	2009 11 05.6	02 42.96 +25 14.7 19.0	-0.99	- 6.3	3.9/08.0	64171
2005 UJ ₄₄₅	2009 11 05.6	02 42.96 +12 27.1 20.4	-0.90	- 6.5	1.1/04.7	64270
2000 XC ₁₂	2009 11 05.6	02 42.99 +20 22.0 18.9	-1.04	+ 0.1	1.8/06.5	64158
2005 UU ₂₉₉	2009 11 05.6	02 43.00 +15 05.9 20.4	-1.02	- 2.1	0.3/05.5	96257
2002 FX ₈	2009 11 05.6	02 43.01 +37 33.1 19.5	-1.18	- 1.1	8.2/10.4	64184
2006 DO ₁₆₉	2009 11 05.6	02 43.01 +25 35.5 20.1	-0.95	- 0.8	3.1/07.8	64294
2003 SE ₁₅₄	2009 11 05.6	02 43.03 -23 04.2 18.8	-0.73	- 5.7	12.9/22.5	64208
2008 GB ₃₈	2009 11 05.6	02 43.08 +12 14.4 20.8	-1.01	- 5.0	1.3/04.8	64330
2004 BH ₁₃	2009 11 05.6	02 43.09 +10 54.8 20.7	-0.63	- 2.7	1.0/04.4	76374
2002 CE ₂₇₈	2009 11 05.6	02 43.12 +11 10.8 17.7	-0.61	-10.2	2.4/04.1	63623
2007 CW ₆	2009 11 05.6	02 43.13 +12 31.4 20.8	-1.00	- 4.4	1.2/04.9	40175
2002 PC ₁₀₂	2009 11 05.6	02 43.15 +10 54.5 19.3	-1.00	- 7.6	2.2/04.4	63628
2008 RJ ₁₂₆	2009 11 05.6	02 43.18 +18 45.7 20.9	-0.55	- 2.0	0.5/06.4	63866
2002 VL ₁₃₉	2009 11 05.6	02 43.24 +09 42.1 19.2	-1.10	- 1.1	2.5/04.4	64197
2005 YJ ₁₈₉	2009 11 05.6	02 43.25 +04 52.3 20.7	-0.89	- 2.7	3.9/03.1	39791
2004 BB ₁₀	2009 11 05.6	02 43.26 +21 33.7 19.7	-1.16	- 3.4	2.4/06.9	64214
2004 PF ₄₇	2009 11 05.6	02 43.26 +33 17.3 20.7	-1.10	- 3.0	5.7/10.0	17493
2008 GO ₅₉	2009 11 05.6	02 43.32 +12 06.7 21.1	-1.04	- 4.7	1.4/04.8	64330
2006 YO ₅₁	2009 11 05.6	02 43.33 +18 57.8 20.2	-1.04	- 4.8	1.3/06.4	64302
2005 QT ₁₃₅	2009 11 05.6	02 43.33 +13 19.4 20.6	-1.02	- 4.5	0.9/05.1	40139
2000 CR ₉	2009 11 05.6	02 43.35 +24 02.4 19.1	-1.07	- 6.1	3.4/07.8	64151
2008 GZ ₇₁	2009 11 05.7	02 43.31 +10 59.6 21.4	-1.08	- 5.5	1.9/04.6	39309

2003 ST ₁₅₈	2009 11 05.7	02 43.34 -01 46.5 19.5	-0.73	- 7.2	5.4/31.6	19111
2005 QJ ₁₇₆	2009 11 05.7	02 43.35 +19 39.9 19.4	-1.03	- 3.4	1.7/06.6	63720
2002 CL ₃₁₄	2009 11 05.7	02 43.36 -05 22.0 19.4	-0.81	- 7.4	8.6/30.2	64182
2007 LH ₇	2009 11 05.7	02 43.39 +06 55.9 20.0	-0.95	- 4.7	3.3/03.5	41875
2007 BO ₇₀	2009 11 05.7	02 43.41 +08 39.9 20.8	-0.76	- 4.5	1.9/03.9	64305
1999 UC ₅₇	2009 11 05.7	02 43.41 +16 57.2 20.1	-0.88	- 3.2	0.4/06.0	97358
2004 CZ ₁₆	2009 11 05.7	02 43.42 +15 16.0 21.2	-1.06	- 4.5	0.2/05.6	64214
2005 NC ₃₈	2009 11 05.7	02 43.42 +15 28.0 20.8	-1.07	- 5.1	0.1/05.6	64244
2007 HE ₄₁	2009 11 05.7	02 43.43 +18 12.4 20.9	-0.76	- 6.0	0.6/06.4	64321
2002 FM ₂₄	2009 11 05.7	02 43.44 +31 04.8 18.9	-1.33	+ 3.7	5.8/08.1	64184
2007 DZ ₅₂	2009 11 05.7	02 43.47 +33 17.5 21.5	-1.07	- 2.8	5.2/09.9	42872
2003 UV ₁₃₉	2009 11 05.7	02 43.48 +06 24.8 19.0	-0.80	- 2.9	3.2/03.4	64212
2006 VO ₁₂₄	2009 11 05.7	02 43.49 +13 07.3 20.3	-1.18	- 1.6	1.2/05.2	64299
2007 BL ₆₆	2009 11 05.7	02 43.49 +27 06.6 19.4	-1.06	- 4.0	5.0/08.5	64304
2007 DM ₈₃	2009 11 05.7	02 43.50 +11 23.7 18.8	-0.94	- 3.6	2.2/04.7	64309
2006 BK ₉₆	2009 11 05.7	02 43.53 +01 28.8 18.9	-0.83	- 6.5	5.8/01.6	64289
2006 YG ₄₅	2009 11 05.7	02 43.55 +17 33.4 20.2	-1.07	- 6.6	0.7/06.2	64302
2004 DH ₅₁	2009 11 05.7	02 43.56 +10 31.2 19.5	-1.05	- 5.0	2.2/04.5	63674
2005 UL ₃₇₃	2009 11 05.7	02 43.56 +18 14.9 19.7	-1.01	- 2.6	0.9/06.3	64269
2006 HX ₆	2009 11 05.7	02 43.57 -28 17.9 19.7	-0.83	- 0.9	12.4/23.0	02319
2002 PV ₁₉	2009 11 05.7	02 43.60 +07 33.8 18.9	-1.00	- 5.6	3.9/03.7	64187
2004 RM ₂₃₈	2009 11 05.7	02 43.61 +21 03.2 20.7	-0.94	- 3.7	1.9/07.0	28144
2008 UO ₉	2009 11 05.7	02 43.62 +17 53.8 19.8	-0.57	- 1.9	0.4/06.3	56140
2004 PO ₈	2009 11 05.7	02 43.64 +38 58.2 20.1	-1.14	- 4.2	7.5/12.2	15797
2005 YY ₁₃₁	2009 11 05.7	02 43.64 +37 33.2 20.9	-0.93	- 3.9	5.6/11.8	47369
2005 PG ₄	2009 11 05.7	02 43.65 +23 52.4 20.1	-1.20	- 2.3	2.9/07.5	64246
2007 CX ₄₆	2009 11 05.7	02 43.65 +10 09.4 19.6	-0.94	- 7.3	2.3/04.2	64306
2003 SJ ₁₅₂	2009 11 05.7	02 43.66 +04 24.1 18.8	-0.85	- 1.0	4.1/03.3	64208
2006 BS ₂₆₆	2009 11 05.7	02 43.66 +32 20.3 19.9	-1.17	+ 0.5	5.5/09.0	60860
2007 GG ₆₉	2009 11 05.7	02 43.68 +15 31.3 20.1	-0.90	- 3.7	0.1/05.7	64320
2000 WT ₁₅₅	2009 11 05.7	02 43.69 +29 46.0 19.2	-1.03	- 4.7	5.0/09.2	64158
2006 DG ₅₃	2009 11 05.7	02 43.69 +29 19.6 20.0	-0.92	- 2.0	3.9/09.0	64293
2008 SA ₁₅₈	2009 11 05.7	02 43.69 +12 03.2 19.7	-0.53	- 3.2	0.8/04.8	63867
2007 EV ₂	2009 11 05.7	02 43.72 +24 31.2 19.9	-1.09	- 2.5	3.4/07.7	64310
1994 GS ₇	2009 11 05.7	02 43.72 -05 28.1 18.3	-0.75	-25.7	8.6/27.8	63597
2007 EY ₁₂₅	2009 11 05.7	02 43.73 +14 51.2 20.1	-0.98	- 2.8	0.3/05.6	19424
2001 RE ₉	2009 11 05.7	02 43.75 +33 04.9 17.8	-1.14	-21.8	8.0/12.2	64162
2001 SR ₂₆₂	2009 11 05.7	02 43.81 +46 11.7 19.4	-1.46	-10.8	13.6/16.1	10801
2007 EZ ₇₂	2009 11 05.8	02 43.69 +21 01.5 19.8	-1.12	- 2.3	2.2/06.9	64312
2007 DE ₁₂	2009 11 05.8	02 43.71 +16 17.9 20.9	-0.98	- 5.1	0.2/05.9	17722
2007 CS ₂₃	2009 11 05.8	02 43.74 +18 28.8 20.8	-1.12	- 5.6	1.1/06.4	26244
2005 UQ ₈₀	2009 11 05.8	02 43.75 +01 54.9 18.7	-0.86	- 6.4	5.9/01.9	64263
2009 SC ₁₆₁	2009 11 05.8	02 43.76 +35 36.3 18.0	-1.88	+11.6	9.9/08.0	64001
2005 VS ₃₃	2009 11 05.8	02 43.79 +09 19.8 19.8	-0.94	- 2.6	2.9/04.3	97964
2004 TF ₁₂₄	2009 11 05.8	02 43.79 +15 34.1 19.3	-0.87	- 5.3	0.1/05.7	64231
2003 KP ₃₂	2009 11 05.8	02 43.81 +05 56.6 19.5	-0.93	- 2.1	3.6/03.6	64204
2004 RL ₂₃₉	2009 11 05.8	02 43.81 +15 06.7 21.1	-0.89	- 4.5	0.2/05.6	20353
2007 EP ₁₁₆	2009 11 05.8	02 43.84 +16 00.4 19.5	-1.00	- 0.9	0.0/05.9	64314
2007 EJ ₁₆₈	2009 11 05.8	02 43.84 +12 53.6 21.3	-0.81	- 3.3	0.8/05.1	41331
2004 FL ₉₈	2009 11 05.8	02 43.85 -02 08.9 19.7	-0.95	- 5.1	6.3/01.3	60801
2005 MU ₁₈	2009 11 05.8	02 43.86 +18 07.2 20.8	-1.07	- 5.8	0.8/06.4	64242

2002 XZ ₂₅	2009 11 05.8	02 43.89 +18 11.7 19.2	-1.03	- 5.3	1.0/06.4	64198
2005 GQ ₉	2009 11 05.8	02 43.97 +14 02.6 20.3	-0.66	- 2.4	0.4/05.4	64241
2005 PH ₂₄	2009 11 05.8	02 43.98 +16 41.0 18.9	-0.98	- 3.1	0.4/06.0	64246
2002 CX ₁₄₀	2009 11 05.8	02 44.02 +34 21.9 19.6	-1.06	- 5.4	6.7/10.7	62341
2005 YK ₃₃	2009 11 05.8	02 44.03 +10 53.1 20.2	-0.87	- 3.7	1.7/04.7	64281
2004 OS	2009 11 05.8	02 44.04 -10 49.1 19.9	-0.92	- 0.5	10.0/31.2	64221
2004 RY ₅₀	2009 11 05.8	02 44.14 +17 52.9 18.9	-0.96	- 2.3	0.8/06.3	64223
2005 XD ₂	2009 11 05.8	02 44.15 +27 15.2 19.8	-0.94	- 8.3	4.0/09.2	98017
2001 EX ₁₉	2009 11 05.9	02 44.08 +26 19.9 19.1	-0.61	- 1.8	2.1/08.6	64159
2004 XA ₉₁	2009 11 05.9	02 44.09 +10 07.4 20.1	-0.78	- 2.5	1.5/04.5	41823
2006 DD ₈₃	2009 11 05.9	02 44.10 +29 01.4 20.4	-0.92	- 2.1	4.0/09.0	64293
2004 TN ₅₇	2009 11 05.9	02 44.12 +18 26.3 20.6	-0.90	- 3.9	0.8/06.5	64230
2001 XF ₆₂	2009 11 05.9	02 44.13 +18 06.5 17.6	-0.85	- 8.0	1.0/06.5	64173
2006 VO ₁₃	2009 11 05.9	02 44.14 +15 14.9 17.9	-1.29	+ 0.7	0.4/05.8	64298
2005 TV ₇₅	2009 11 05.9	02 44.22 +26 19.4 18.7	-0.84	-12.0	4.8/09.3	64259
2007 DZ ₃₃	2009 11 05.9	02 44.24 +25 06.8 22.3	-1.11	- 2.8	3.3/08.0	19703
1998 TO ₉	2009 11 05.9	02 44.25 +14 51.8 19.7	-0.81	- 4.3	0.3/05.7	64147
2004 GD ₂₂	2009 11 05.9	02 44.25 +16 24.1 21.0	-0.99	- 5.0	0.2/06.1	62390
2002 AD ₃₇	2009 11 05.9	02 44.25 -07 22.1 19.7	-0.91	- 1.9	7.6/31.4	19564
2008 FB ₉₇	2009 11 05.9	02 44.26 +14 19.3 23.3	-0.91	- 3.6	0.4/05.6	40751
2007 JL ₃₂	2009 11 05.9	02 44.26 +04 06.2 19.9	-0.84	- 0.7	3.6/03.4	64322
2005 UH ₁₉₁	2009 11 05.9	02 44.27 +17 45.7 20.2	-0.90	- 7.1	0.8/06.4	63743
2005 WQ ₁₅	2009 11 05.9	02 44.29 +12 49.1 19.6	-0.96	- 3.0	1.0/05.2	62459
2008 KG ₂₅	2009 11 05.9	02 44.30 +06 28.8 20.3	-1.02	- 2.9	3.9/03.9	64334
2005 YN ₇₀	2009 11 05.9	02 44.30 +08 23.0 20.7	-0.95	- 1.5	2.5/04.3	19263
2004 RE ₈₇	2009 11 05.9	02 44.33 +32 48.2 20.2	-1.13	- 1.3	5.6/09.7	59732
2007 JW ₂₀	2009 11 05.9	02 44.34 -06 58.6 19.6	-0.83	- 0.5	6.7/31.9	43283
2008 SP ₁₅₄	2009 11 05.9	02 44.35 +14 45.7 19.6	-0.56	- 2.0	0.2/05.7	64337
2002 TN ₈₈	2009 11 05.9	02 44.35 +20 48.7 19.0	-1.04	- 7.2	2.1/07.2	64193
2004 RX ₂₅₉	2009 11 05.9	02 44.39 +10 38.0 21.3	-0.86	- 5.2	1.7/04.6	19149
2007 DV ₅₃	2009 11 05.9	02 44.40 +28 10.1 20.6	-0.92	- 2.6	3.4/09.0	41862
2007 GK ₅₉	2009 11 05.9	02 44.40 +17 50.8 20.4	-0.89	- 3.6	0.6/06.4	64319
1998 QM	2009 11 05.9	02 44.42 +41 32.9 19.7	-1.39	- 5.3	10.2/13.5	90005
2003 SJ ₂₃₄	2009 11 05.9	02 44.42 +11 13.4 19.1	-0.84	- 2.0	1.6/04.9	64209
2002 GF ₁₇₄	2009 11 05.9	02 44.42 +10 32.7 18.9	-0.96	+ 0.5	1.7/04.9	63626
2006 XY ₇₀	2009 11 05.9	02 44.46 +02 41.1 20.8	-1.02	- 3.3	5.4/02.9	40172
2008 GE ₈₁	2009 11 05.9	02 44.47 +10 50.3 21.6	-1.03	- 4.4	1.8/04.8	40585
2005 WH ₁₃₄	2009 11 05.9	02 44.49 +18 32.4 20.2	-0.91	- 4.3	0.9/06.6	64277
2002 AW ₁₀₉	2009 11 05.9	02 44.50 +06 30.8 19.2	-0.92	- 3.7	4.0/03.7	63620
3765 T-3	2009 11 05.9	02 44.51 +06 13.6 19.2	-0.76	- 6.6	3.1/03.3	64079
2006 WG ₁₃₉	2009 11 05.9	02 44.52 +13 20.5 20.1	-1.09	- 4.8	1.2/05.4	64300
2007 GJ ₅₇	2009 11 06.0	02 44.46 +07 02.3 20.7	-0.80	- 4.3	2.8/03.8	41871
2004 TG ₂₇₉	2009 11 06.0	02 44.47 +15 06.9 19.2	-0.87	- 5.8	0.3/05.8	64233
1999 XE ₁₄₈	2009 11 06.0	02 44.49 +07 10.4 20.0	-0.96	+ 0.8	3.1/04.3	64150
2005 OF ₂₂	2009 11 06.0	02 44.49 +02 20.7 19.6	-1.09	- 1.0	5.7/03.4	39218
2002 FR ₃₆	2009 11 06.0	02 44.55 -08 28.3 21.0	-0.48	- 2.8	4.1/30.0	26617
2000 TK ₂₆	2009 11 06.0	02 44.57 +31 04.8 19.5	-1.00	- 6.5	5.0/10.3	64156
2005 UX ₅₂₀	2009 11 06.0	02 44.60 +12 01.9 21.9	-0.99	- 5.9	1.4/05.1	39248
1996 GJ ₃	2009 11 06.0	02 44.63 +11 00.1 21.0	-0.83	- 3.3	1.5/04.8	22361
2004 RZ ₁₅₉	2009 11 06.0	02 44.64 +23 18.7 19.1	-0.93	- 4.4	2.7/08.0	64225
2005 PP ₂₃	2009 11 06.0	02 44.65 +18 11.8 20.2	-1.05	- 5.5	0.9/06.6	64246

2003 FP ₅₂	2009 11 06.0	02 44.65 +02 43.4 21.0	-0.90	- 3.8	4.1/02.8	19596
2005 VJ ₇₈	2009 11 06.0	02 44.65 +22 27.6 18.1	-0.98	- 4.5	2.7/08.0	64272
2007 CF	2009 11 06.0	02 44.66 +06 10.5 20.7	-0.91	- 4.6	3.4/03.7	18193
2002 RZ ₁₇₃	2009 11 06.0	02 44.67 +21 24.5 20.0	-1.07	- 5.8	2.4/07.4	64191
2004 RE ₄₉	2009 11 06.0	02 44.67 +21 27.2 19.0	-0.98	- 2.3	2.0/07.3	64223
2007 BM ₂₀	2009 11 06.0	02 44.68 +25 07.1 20.0	-1.13	- 3.9	3.6/08.0	64303
2006 KZ ₄₉	2009 11 06.0	02 44.70 +15 35.3 20.2	-0.79	- 7.4	0.1/06.0	64296
2005 QE ₇₉	2009 11 06.0	02 44.76 +30 18.1 20.5	-1.21	- 3.1	5.7/09.5	57006
2005 YN ₉₆	2009 11 06.0	02 44.80 +17 20.9 20.2	-0.87	- 3.6	0.5/06.4	62470
2006 BC ₃₈	2009 11 06.0	02 44.82 +19 04.2 20.3	-0.96	- 3.0	1.2/06.8	63788
2007 GC ₅₁	2009 11 06.0	02 44.84 +15 00.8 20.9	-0.75	- 5.3	0.2/05.8	47428
2003 SD ₄	2009 11 06.0	02 44.84 +02 50.9 20.1	-0.73	- 6.3	3.9/02.4	21797
2002 ER ₅₆	2009 11 06.0	02 44.85 +22 53.6 20.1	-0.96	- 4.3	2.4/07.8	64182
2005 YB ₂₆₀	2009 11 06.0	02 44.89 +09 59.2 19.8	-0.89	- 2.7	2.0/04.7	64285
2004 XY ₈₀	2009 11 06.0	02 44.95 +32 18.0 18.9	-0.88	- 6.6	5.2/10.8	64238
2007 EH ₅₁	2009 11 06.1	02 44.86 +25 53.6 20.3	-1.11	- 3.9	4.0/08.0	64312
2005 SK ₁₂₀	2009 11 06.1	02 44.88 +19 47.4 20.0	-1.00	- 2.7	1.8/07.0	64255
2008 RQ ₂₁	2009 11 06.1	02 44.92 +28 17.9 20.9	-0.58	- 1.7	2.1/09.4	50164
2005 QF ₃₂	2009 11 06.1	02 44.95 +17 07.6 20.2	-1.06	- 4.6	0.5/06.4	39221
2007 DG ₉₈	2009 11 06.1	02 44.97 +00 03.9 20.3	-0.89	- 3.9	5.5/02.3	58564
2003 QF ₁₅	2009 11 06.1	02 44.99 +37 00.2 19.4	-0.98	- 3.7	6.6/11.9	47252
2005 QM ₁₈₂	2009 11 06.1	02 44.99 +15 29.2 19.0	-0.90	- 5.7	0.2/06.0	64251
2004 DE ₃₃	2009 11 06.1	02 45.05 +25 48.8 20.2	-1.16	- 2.9	3.7/08.3	14712
2004 XU ₆₈	2009 11 06.1	02 45.05 +06 51.0 19.1	-0.86	- 1.4	3.0/04.1	64238
2007 EV ₅₈	2009 11 06.1	02 45.06 +00 18.0 18.8	-0.79	- 5.3	8.0/01.9	64312
2003 GA ₃₈	2009 11 06.1	02 45.07 +03 36.7 20.7	-0.49	- 3.2	2.2/02.7	46021
2005 MY ₂	2009 11 06.1	02 45.07 +17 47.9 20.5	-1.07	- 5.8	0.7/06.6	64242
2003 UF ₃₂₃	2009 11 06.1	02 45.09 +22 55.7 20.0	-0.90	- 1.1	2.0/07.7	64212
2008 GK ₉₇	2009 11 06.1	02 45.11 +16 54.0 21.1	-1.06	- 4.5	0.3/06.4	64331
2005 YW ₄₄	2009 11 06.1	02 45.16 -00 42.2 20.1	-0.84	- 2.5	5.3/02.3	41836
2004 RF ₃₅₆	2009 11 06.1	02 45.17 +11 44.3 20.8	-0.84	- 5.1	1.5/05.1	23983
2007 EN ₂₁₆	2009 11 06.1	02 45.19 -02 37.8 21.2	-0.90	- 2.2	5.8/01.8	42879
2005 UA ₂₇₅	2009 11 06.1	02 45.20 -03 14.9 18.0	-1.58	+13.2	8.6/05.4	64267
2005 UQ ₁₃	2009 11 06.1	02 45.21 +15 18.5 20.8	-1.00	- 4.8	0.3/06.0	64261
2005 WX ₉₇	2009 11 06.1	02 45.21 +14 26.3 20.1	-0.91	- 3.2	0.5/05.8	64276
2005 QR ₃	2009 11 06.1	02 45.22 +18 38.4 20.5	-1.10	- 4.7	1.0/06.8	47351
2007 CS ₆₃	2009 11 06.1	02 45.24 -03 14.3 20.6	-0.85	- 4.9	6.0/01.2	59787
2007 EX ₇₄	2009 11 06.1	02 45.24 +16 34.1 20.3	-1.01	- 5.2	0.2/06.3	64312
2002 VF ₆₅	2009 11 06.1	02 45.24 +10 16.5 18.9	-1.14	+ 3.8	2.9/05.3	63647
2008 SV ₂₇₉	2009 11 06.1	02 45.28 +19 17.5 19.8	-0.59	- 1.9	0.7/07.0	64338
2002 GV ₁₆₀	2009 11 06.1	02 45.32 +09 02.2 20.5	-0.88	- 3.6	2.3/04.5	64185
2003 YL ₂₀	2009 11 06.1	02 45.33 +05 03.0 19.1	-1.12	- 0.8	5.0/04.1	64213
2007 CO ₂₀	2009 11 06.1	02 45.33 +24 16.5 20.4	-0.99	- 4.4	2.6/08.2	41860
2001 SQ ₂₄	2009 11 06.1	02 45.44 +49 54.6 19.8	-2.11	+ 6.0	16.6/11.3	37932
2002 JX ₅₉	2009 11 06.2	02 45.26 +19 01.6 18.7	-0.80	- 8.7	0.9/07.1	64185
2005 QG ₁₁₄	2009 11 06.2	02 45.28 +03 35.7 19.7	-0.88	- 6.3	5.4/02.9	40138
2005 QH ₁₅₂	2009 11 06.2	02 45.30 +25 22.6 19.2	-1.12	- 3.8	3.8/08.4	64250
2004 FD ₄₁	2009 11 06.2	02 45.33 +08 20.5 19.7	-0.98	- 7.4	3.1/04.2	64217
2007 BL ₁₀₁	2009 11 06.2	02 45.33 +16 28.0 19.6	-0.96	- 3.3	0.2/06.3	64305
2006 DF ₃₉	2009 11 06.2	02 45.35 +08 18.6 19.2	-0.85	- 4.9	2.9/04.2	64293
2000 DU ₂₁	2009 11 06.2	02 45.35 -04 09.4 21.0	-0.73	- 4.4	5.2/31.7	10726

2007 JJ ₃	2009 11 06.2	02 45.36 +15 34.0 19.4	-0.94 + 0.2	0.1/06.1	63838	2004 FD ₃₉	2009 11 06.3	02 46.04 +17 54.8 20.5	-1.08 - 3.4	0.7/06.8	64217
2002 GV ₉₇	2009 11 06.2	02 45.36 +09 24.4 20.2	-0.99 - 1.7	2.1/04.8	94744	2007 EX ₁₀	2009 11 06.3	02 46.04 +17 30.7 20.1	-1.03 - 5.1	0.6/06.7	64311
2006 EZ ₂₄	2009 11 06.2	02 45.38 +01 07.4 20.4	-0.75 - 4.5	4.6/02.3	20495	2004 PD ₁₀₅	2009 11 06.3	02 46.08 +28 49.4 18.8	-0.91 - 8.4	4.8/10.2	64222
2007 ED ₁₀₀	2009 11 06.2	02 45.42 +12 14.1 21.5	-0.88 - 4.4	1.2/05.3	41866	2002 CC ₂₂₉	2009 11 06.3	02 46.13 +10 15.2 20.5	-0.88 - 4.3	2.0/05.0	19571
2005 SL ₂₈	2009 11 06.2	02 45.42 +14 27.5 20.0	-0.95 - 7.8	0.6/05.8	64252	2006 EE ₃₁	2009 11 06.4	02 46.06 +00 03.8 20.3	-0.75 - 4.6	4.8/02.1	64294
2007 AE ₁₃	2009 11 06.2	02 45.45 +18 01.2 20.1	-1.08 - 5.5	0.8/06.7	64302	2006 BA ₄₄	2009 11 06.4	02 46.10 +49 30.7 20.9	-1.12 - 1.5	7.8/15.5	02273
2002 AD ₂₅	2009 11 06.2	02 45.45 +08 09.6 18.6	-0.88 - 6.0	3.4/04.2	64177	2006 DV ₆₁	2009 11 06.4	02 46.12 -10 10.8 20.0	-0.80 - 1.6	7.2/30.9	01366
2002 CJ	2009 11 06.2	02 45.46 +35 15.4 20.1	-1.14 - 1.5	6.6/10.6	47199	2007 CU ₅₂	2009 11 06.4	02 46.13 +19 13.5 20.0	-1.06 - 4.5	1.3/07.2	64307
2003 AP ₄₄	2009 11 06.2	02 45.47 +09 59.4 19.1	-1.06 - 1.0	2.6/05.0	64199	2006 QA ₆₂	2009 11 06.4	02 46.14 +52 13.5 20.5	-1.92 + 1.2	17.0/15.4	35943
2004 RP ₂₄	2009 11 06.2	02 45.47 +42 28.1 20.5	-1.21 - 3.5	8.2/13.7	40383	2005 UD ₃₃	2009 11 06.4	02 46.14 +15 15.9 20.7	-0.98 - 4.5	0.3/06.2	64261
2005 CT ₆₃	2009 11 06.2	02 45.50 -06 59.2 19.9	-0.69 - 4.2	6.0/30.8	64240	2005 SW ₉₇	2009 11 06.4	02 46.18 +21 25.7 19.8	-0.99 - 6.9	2.1/08.0	11130
2004 TL ₃₃₄	2009 11 06.2	02 45.53 +23 41.2 20.1	-0.99 - 2.7	2.8/08.0	86580	2004 GA ₄₄	2009 11 06.4	02 46.20 +17 31.5 21.5	-1.04 - 3.9	0.5/06.8	90198
2006 DN ₁₇₅	2009 11 06.2	02 45.57 +01 12.3 20.0	-0.76 - 4.2	4.4/02.4	64294	2004 PC ₁₀₂	2009 11 06.4	02 46.21 +20 26.5 20.6	-1.07 - 1.7	1.4/07.4	64222
2007 HQ ₁₄	2009 11 06.2	02 45.57 +07 45.5 20.0	-0.82 - 4.1	2.6/04.2	64320	2007 PE ₉	2009 11 06.4	02 46.22 +08 04.5 19.3	-0.53 - 3.1	1.6/04.3	64323
2005 OJ ₈	2009 11 06.2	02 45.58 +07 42.1 20.1	-0.98 - 6.2	3.4/04.2	64245	1996 RE ₇	2009 11 06.4	02 46.25 -02 35.9 20.0	-0.84 - 6.9	7.1/01.4	40082
2007 CN ₆₂	2009 11 06.2	02 45.60 +17 14.7 20.3	-1.04 - 4.6	0.5/06.6	21876	2007 ET ₁₉₈	2009 11 06.4	02 46.25 +21 30.2 20.3	-1.30 + 2.2	1.9/07.3	64316
2008 RC ₂	2009 11 06.2	02 45.61 +07 03.4 20.6	-0.52 - 3.2	1.7/03.9	62541	2000 CK ₈₄	2009 11 06.4	02 46.27 +11 25.4 19.9	-0.79 - 3.6	1.3/05.3	64152
2008 TB ₃₆	2009 11 06.2	02 45.62 +02 19.9 20.6	-0.49 - 4.3	2.4/02.3	46930	2005 YZ ₆₉	2009 11 06.4	02 46.27 -04 27.3 18.7	-0.92 + 1.2	8.6/02.6	64282
2006 BP ₄₅	2009 11 06.2	02 45.62 +00 05.1 20.5	-0.73 - 4.1	4.2/02.1	58873	2007 HS ₄₄	2009 11 06.4	02 46.27 +09 16.5 18.9	-0.82 - 9.4	2.6/04.4	64321
2007 EJ ₁₉₇	2009 11 06.2	02 45.63 +13 48.4 19.8	-0.88 - 5.9	0.8/05.7	64316	2001 XK ₂₄₅	2009 11 06.4	02 46.29 +36 12.9 19.1	-1.05 -14.0	7.1/13.4	00109
2006 EL ₅₇	2009 11 06.2	02 45.64 +17 07.6 21.4	-0.81 - 4.6	0.3/06.6	01491	2003 SM ₂₈₁	2009 11 06.4	02 46.31 +19 59.5 19.5	-0.80 - 6.0	1.2/07.5	97681
2006 BA ₉₆	2009 11 06.2	02 45.66 +25 07.6 21.0	-0.89 - 3.3	2.8/08.5	02276	2004 RR ₂₁₁	2009 11 06.4	02 46.36 -16 29.0 19.5	-0.75 -10.7	12.3/26.0	55137
2009 UV ₁₇	2009 11 06.2	02 45.67 +19 50.2 19.0	-1.09 - 0.5	1.9/07.0	64072	2001 RV ₁₁₂	2009 11 06.4	02 46.37 +17 21.9 20.4	-1.02 - 4.7	0.5/06.8	64163
2007 DU ₅₅	2009 11 06.2	02 45.67 +10 06.2 20.0	-1.00 - 4.0	2.4/04.9	40454	2004 RC ₁₀₁	2009 11 06.4	02 46.37 +21 04.9 19.9	-0.92 - 4.8	1.7/07.7	97733
2004 TA ₆₀	2009 11 06.2	02 45.69 +11 26.3 20.1	-0.87 - 3.9	1.7/05.2	64230	2004 FX ₁₃₅	2009 11 06.4	02 46.37 +17 59.6 19.8	-1.08 - 4.0	0.8/06.9	64218
2006 HK ₉₃	2009 11 06.2	02 45.69 +11 04.5 19.4	-0.75 -10.2	1.7/04.8	63797	2007 CT ₃	2009 11 06.4	02 46.38 +14 45.8 20.7	-1.03 - 3.4	0.5/06.2	16049
2004 KM ₁₂	2009 11 06.2	02 45.69 +07 27.2 19.9	-0.92 - 7.9	3.2/04.0	64220	2007 EO ₁₂₈	2009 11 06.4	02 46.38 +19 30.2 18.8	-0.96 - 3.4	1.7/07.3	64314
2007 GU ₁₈	2009 11 06.3	02 45.70 +19 26.6 20.0	-1.09 + 0.3	1.2/07.0	64318	2007 HF ₆	2009 11 06.4	02 46.42 +15 27.2 20.8	-0.90 - 3.2	0.2/06.3	64320
2005 TK ₁₃₇	2009 11 06.3	02 45.71 +12 21.2 19.7	-0.96 - 4.2	1.6/05.4	64259	2001 YF ₁₁₀	2009 11 06.4	02 46.44 +39 56.7 18.0	-0.95 - 6.0	11.0/13.7	64176
2003 SU ₉₈	2009 11 06.3	02 45.73 +08 28.7 18.7	-0.74 -12.4	2.6/03.8	63662	2006 FK ₁₄	2009 11 06.4	02 46.47 +17 25.5 20.3	-0.83 - 2.5	0.4/06.8	01515
2005 UA ₃₈₆	2009 11 06.3	02 45.73 +09 56.5 20.4	-1.02 - 1.2	2.2/05.1	26086	2003 SN ₆₅	2009 11 06.4	02 46.47 +04 56.6 18.6	-0.71 -10.3	4.0/03.0	64207
2007 BP ₄₁	2009 11 06.3	02 45.75 +08 32.1 19.4	-0.97 - 4.3	3.6/04.5	63812	2005 QN ₁₆₄	2009 11 06.4	02 46.49 +11 46.9 19.0	-0.96 - 3.4	2.0/05.5	64250
2006 BM ₁₅₆	2009 11 06.3	02 45.78 -02 15.4 20.3	-0.79 - 4.0	6.0/01.5	53472	2002 RK ₁₂₃	2009 11 06.4	02 46.53 +02 51.2 18.8	-1.02 - 2.6	6.3/03.7	64191
2007 GN ₁₅	2009 11 06.3	02 45.78 +26 36.8 20.7	-1.03 - 2.0	3.6/08.7	20599	2003 BA ₉₂	2009 11 06.4	02 46.54 +21 30.3 19.6	-0.99 - 4.6	1.9/07.8	64201
2005 OB ₁₀	2009 11 06.3	02 45.78 +12 29.0 20.1	-1.06 - 3.8	1.5/05.5	64245	2005 RL ₁₃₁	2009 11 06.5	02 46.46 +15 36.3 18.3	-0.96 - 1.3	0.2/06.4	63718
2005 JG ₈₉	2009 11 06.3	02 45.81 +17 10.8 20.2	-0.69 - 2.6	0.3/06.6	64241	2007 HG ₂₀	2009 11 06.5	02 46.54 +13 54.8 20.4	-0.80 - 6.3	0.7/05.9	40711
2005 GO ₁₃₆	2009 11 06.3	02 45.81 +06 39.9 21.2	-0.61 - 3.3	2.0/03.9	64241	2006 AD ₁₀₅	2009 11 06.5	02 46.58 +15 39.6 19.9	-0.84 - 4.4	0.1/06.4	64288
2007 BH ₁₉	2009 11 06.3	02 45.82 +02 05.3 20.3	-0.96 - 3.1	4.9/03.1	21874	2006 BW ₄₃	2009 11 06.5	02 46.58 +10 44.8 19.5	-0.88 - 3.3	1.9/05.3	64288
2003 GN ₅	2009 11 06.3	02 45.82 +28 53.8 19.8	-1.17 + 0.1	4.6/08.9	19598	2004 XS ₁₃₇	2009 11 06.5	02 46.60 +30 25.9 19.2	-0.89 - 3.8	4.4/10.2	64239
2004 XO ₆₅	2009 11 06.3	02 45.83 +53 51.9 19.0	-1.20 - 3.5	10.7/17.7	47331	2003 OD ₈	2009 11 06.5	02 46.60 -03 44.9 19.9	-0.86 - 1.2	6.2/02.2	64204
2007 DZ ₃₀	2009 11 06.3	02 45.83 +19 55.4 20.9	-1.09 - 4.0	1.7/07.2	64308	2006 DZ ₁₂₄	2009 11 06.5	02 46.64 +11 09.9 20.1	-0.85 - 5.1	1.8/05.3	64294
1999 VR ₁₆	2009 11 06.3	02 45.83 +19 08.0 19.4	-0.92 - 4.8	1.7/07.1	63605	2006 FF ₁₀	2009 11 06.5	02 46.65 +23 51.6 19.8	-0.80 - 5.4	2.1/08.6	64295
2005 QB ₅₄	2009 11 06.3	02 45.86 +06 55.1 20.0	-0.98 - 5.0	3.9/04.2	37402	2002 CR ₉₆	2009 11 06.5	02 46.66 -04 29.5 19.8	-0.85 - 5.0	7.8/31.9	63621
2003 QA ₄₇	2009 11 06.3	02 45.88 +04 45.0 18.8	-0.77 - 5.9	3.8/03.3	64205	1998 UX ₃₉	2009 11 06.5	02 46.67 +23 58.5 18.3	-1.03 + 1.2	3.0/08.0	64147
2007 EX ₅	2009 11 06.3	02 45.89 +19 48.1 21.2	-0.93 - 3.8	1.2/07.3	64310	2004 WW ₇	2009 11 06.5	02 46.73 +18 43.6 19.4	-0.82 - 7.9	0.9/07.3	64236
1995 SF ₈₀	2009 11 06.3	02 45.89 +33 18.9 20.2	-0.63 - 1.4	3.1/10.9	58393	2008 SO ₄₇	2009 11 06.5	02 46.76 +12 57.7 18.6	-0.56 - 3.6	0.7/05.7	64337
2001 FA ₁₂₃	2009 11 06.3	02 45.92 +20 23.0 19.3	-1.18 - 2.2	2.0/07.2	64159	2002 PA ₁₇₉	2009 11 06.5	02 46.82 +16 41.2 19.1	-1.13 - 2.2	0.3/06.7	64188
2007 DG ₅₀	2009 11 06.3	02 45.98 +14 24.8 20.7	-1.04 - 3.8	0.6/06.0	19704	2008 SR ₂₅₄	2009 11 06.5	02 46.82 +26 51.9 19.1	-0.57 - 3.4	2.1/09.6	50349
2007 ER ₁₉₉	2009 11 06.3	02 45.98 +16 32.4 20.2	-0.92 - 3.3	0.2/06.5	64316	2007 DX ₅₆	2009 11 06.5	02 46.85 +18 46.2 19.8	-1.12 - 2.3	1.1/07.1	64309
2008 PG ₁₁	2009 11 06.3	02 45.98 +36 11.4 20.8	-0.96 - 3.6	5.6/11.8	47450	2006 BO ₇₆	2009 11 06.5	02 46.89 +09 55.6 20.6	-0.80 - 2.9	1.8/05.1	20837
2005 MV ₃₆	2009 11 06.3	02 46.01 +19 21.4 19.3	-1.06 - 4.6	1.5/07.2	64243	2000 SZ ₉₂	2009 11 06.5	02 46.89 +14 21.9 18.8	-0.85 -10.1	0.6/06.1	64155

2007 EQ ₆₅	2009 11 06.5	02 46.90 +18 31.1 19.6	-1.00	- 1.7	0.9/07.1	64312
2007 DS ₄₅	2009 11 06.5	02 46.90 -00 15.1 19.9	-0.96	- 4.3	7.7/02.5	64308
2007 GE ₃₈	2009 11 06.5	02 46.91 +10 52.7 20.5	-0.88	- 4.2	1.8/05.3	64319
2004 RY ₃₄₅	2009 11 06.6	02 46.86 +01 48.8 20.0	-0.82	- 5.7	4.6/02.9	19631
2006 DN ₂	2009 11 06.6	02 46.88 +09 29.1 21.9	-0.82	- 4.2	2.0/04.9	02286
2003 KY ₁₁	2009 11 06.6	02 46.93 +14 28.8 18.4	-1.12	-21.8	0.7/06.1	64204
2005 AT ₄₇	2009 11 06.6	02 46.94 +16 20.3 20.2	-0.84	- 3.8	0.1/06.7	64239
2004 TG ₁₆₆	2009 11 06.6	02 46.94 +23 10.1 20.3	-0.95	- 2.8	2.7/08.3	12351
2006 VU ₇₀	2009 11 06.6	02 46.95 +10 42.2 20.5	-1.14	- 2.8	2.4/05.5	64299
2001 TP	2009 11 06.6	02 46.96 +37 06.9 18.7	-2.05	+10.6	11.3/08.3	64165
2007 DH ₂₃	2009 11 06.6	02 46.98 -04 57.2 19.5	-0.84	- 5.4	7.5/01.1	26248
2006 KN ₄	2009 11 06.6	02 46.98 +13 24.6 21.1	-0.64	- 2.6	0.6/06.0	64296
2006 CM ₁₇	2009 11 06.6	02 47.00 +12 18.4 19.8	-0.81	- 4.5	1.2/05.7	64292
2005 QN ₉₆	2009 11 06.6	02 47.00 +18 02.8 20.8	-1.10	- 3.9	0.8/07.1	64249
2004 LJ ₅	2009 11 06.6	02 47.00 +36 27.5 19.6	-1.05	- 7.4	6.1/12.7	40686
2001 VF ₆₂	2009 11 06.6	02 47.02 +21 00.6 18.6	-0.97	- 4.9	2.1/08.0	64170
2003 CN ₁₂	2009 11 06.6	02 47.03 +19 24.7 19.4	-1.04	- 3.2	1.5/07.4	64201
2009 TC ₂₃	2009 11 06.6	02 47.07 +17 24.7 19.1	-1.11	- 0.1	0.6/06.9	64064
2006 CQ ₃₃	2009 11 06.6	02 47.09 +19 59.8 19.8	-0.86	- 4.5	1.3/07.6	64292
2004 DR ₂₇	2009 11 06.6	02 47.10 +26 03.9 19.6	-1.17	- 3.0	3.9/08.9	40120
1998 RC ₁₃	2009 11 06.6	02 47.11 +14 34.0 19.4	-0.92	- 4.6	0.8/06.3	63600
2002 BT ₂₉	2009 11 06.6	02 47.12 +27 44.0 19.7	-1.10	- 1.1	4.0/09.1	64179
2007 EH ₄₇	2009 11 06.6	02 47.12 +16 41.7 21.5	-0.84	- 3.4	0.2/06.8	41326
2005 UH ₂₂₇	2009 11 06.6	02 47.15 +14 36.4 20.2	-1.00	- 5.8	0.6/06.3	97922
2002 CV ₇₀	2009 11 06.6	02 47.16 +51 56.8 20.0	-1.36	- 1.8	12.7/16.7	30650
2008 UK ₈	2009 11 06.6	02 47.17 +16 40.7 19.8	-0.55	- 2.3	0.1/06.8	64339
2000 GN ₁₄₂	2009 11 06.6	02 47.21 +02 11.6 20.0	-0.96	- 5.2	5.2/03.2	59654
2006 BT ₂₅₀	2009 11 06.6	02 47.21 +16 29.8 19.9	-0.83	- 3.5	0.1/06.8	64291
2005 UJ ₃₀₇	2009 11 06.6	02 47.25 +16 52.9 20.0	-0.99	- 3.4	0.3/06.9	22800
2006 BK ₆₀	2009 11 06.6	02 47.26 +00 34.8 21.1	-0.74	- 4.3	4.5/02.6	47378
2005 UC ₁₅₄	2009 11 06.6	02 47.28 +17 24.4 19.8	-0.91	- 5.7	0.6/07.0	64264
2001 RE ₁₀₁	2009 11 06.6	02 47.31 +23 04.8 18.5	-1.01	+ 0.3	3.6/08.1	64162
2007 HN ₃₄	2009 11 06.6	02 47.31 +15 42.6 20.6	-0.79	- 6.2	0.1/06.6	64321
2001 TJ ₃₉	2009 11 06.6	02 47.32 +25 26.3 18.4	-1.03	-23.2	4.4/10.1	63618
2007 LK ₆	2009 11 06.7	02 47.26 -05 47.7 20.7	-0.76	- 3.9	6.2/31.9	47436
2007 CZ ₅₂	2009 11 06.7	02 47.26 +27 53.0 19.4	-1.11	- 3.7	5.1/09.4	19699
2008 EU ₈₄	2009 11 06.7	02 47.30 -33 46.9 19.1	-1.10	+ 4.0	25.6/24.5	64326
2004 RD ₂₉₀	2009 11 06.7	02 47.32 +20 43.8 19.0	-1.11	+ 1.6	1.9/07.5	64227
2001 YS ₇₃	2009 11 06.7	02 47.33 +06 40.3 18.9	-0.94	- 1.8	4.2/04.6	64176
2003 UP ₁₂₈	2009 11 06.7	02 47.37 +20 12.2 20.0	-1.02	+ 1.8	1.3/07.4	64212
2002 CS ₁₁₉	2009 11 06.7	02 47.38 +19 01.2 17.6	-0.77	- 6.3	1.4/07.5	63622
2008 RR ₁₂₈	2009 11 06.7	02 47.39 +19 41.6 20.4	-0.54	- 2.3	0.6/07.7	64337
2008 MP	2009 11 06.7	02 47.41 +28 22.3 21.1	-1.20	+ 0.2	3.6/09.1	43302
2007 KS ₇	2009 11 06.7	02 47.42 +22 28.6 20.7	-1.01	- 3.0	2.0/08.0	22891
2007 GG ₂₃	2009 11 06.7	02 47.44 +14 48.7 21.0	-0.83	- 3.8	0.4/06.4	41871
2002 CA ₂₂	2009 11 06.7	02 47.45 -04 07.3 19.9	-0.87	- 4.5	7.1/01.4	20759
2004 RR ₂₁₂	2009 11 06.7	02 47.46 +31 01.8 19.6	-0.96	- 7.0	4.7/11.0	64226
2005 RQ ₄₀	2009 11 06.7	02 47.47 +17 02.2 18.4	-0.88	- 7.3	0.4/07.0	64251
2008 FL ₁₅	2009 11 06.7	02 47.49 +08 42.9 20.2	-1.10	- 2.9	2.8/05.2	58602
2000 LX ₂₃	2009 11 06.7	02 47.50 -28 53.2 21.1	-1.00	+ 0.5	12.7/27.8	60729
2001 XP ₂₀₆	2009 11 06.7	02 47.50 -00 45.0 19.4	-0.96	- 0.5	7.5/03.1	64174

2005 YC ₈₉	2009 11 06.7	02 47.50 +24 54.3 21.0	-0.96	- 4.1	3.1/08.9	19264
2007 JM ₃₈	2009 11 06.7	02 47.50 +13 10.8 20.7	-0.86	- 5.4	1.0/06.0	41875
2005 YM ₉₂	2009 11 06.7	02 47.53 +14 24.8 21.4	-0.79	- 3.6	0.4/06.3	47368
2002 CR ₂₂₂	2009 11 06.7	02 47.56 +09 10.6 20.1	-0.87	- 4.9	2.3/05.0	64181
2007 EQ ₁	2009 11 06.7	02 47.56 +33 12.1 21.2	-1.03	- 3.1	4.9/10.9	55308
2002 EX ₁₅₇	2009 11 06.7	02 47.60 +09 22.7 20.5	-0.52	- 3.1	1.3/05.0	64183
2007 EW ₅₃	2009 11 06.7	02 47.61 +04 53.6 19.0	-0.80	- 9.5	4.1/03.4	64312
2000 EQ ₆₇	2009 11 06.7	02 47.62 +17 29.6 20.3	-1.03	- 4.3	0.5/07.1	64152
2005 SS ₁₇₉	2009 11 06.7	02 47.68 +12 20.4 19.2	-0.92	- 4.1	1.8/05.9	64256
2005 WH ₆₉	2009 11 06.7	02 47.69 +12 10.6 20.1	-0.96	- 2.8	1.4/05.9	18158
2007 CM ₁₉	2009 11 06.8	02 47.66 +11 54.7 20.7	-1.00	- 4.3	1.5/05.8	62503
2005 EF ₇₅	2009 11 06.8	02 47.68 +19 54.1 21.2	-0.66	- 2.6	0.8/07.8	77828
2008 SC ₂₇₈	2009 11 06.8	02 47.68 +23 45.6 20.0	-0.56	- 2.7	1.5/08.8	64338
2002 TH ₂₃₀	2009 11 06.8	02 47.70 +02 16.8 19.4	-1.07	- 2.0	6.1/04.0	37972
2002 CX ₇₄	2009 11 06.8	02 47.71 +04 56.2 19.5	-0.87	- 4.1	4.0/04.1	64180
2003 ST ₂₀₆	2009 11 06.8	02 47.73 +03 45.9 20.0	-0.75	- 5.6	3.7/03.5	20786
2003 TN ₄₇	2009 11 06.8	02 47.75 +27 54.6 20.2	-0.86	- 5.0	3.9/10.0	64211
2007 BF ₁	2009 11 06.8	02 47.75 +12 14.5 20.4	-1.02	- 3.9	1.4/05.9	64303
2006 BN ₁₆₂	2009 11 06.8	02 47.75 +31 41.7 20.8	-0.93	- 3.3	4.5/10.7	41240
1999 LV ₃₅	2009 11 06.8	02 47.77 -03 01.0 20.8	-0.84	- 3.9	5.6/02.1	47133
2003 QV ₂₀	2009 11 06.8	02 47.78 +11 23.8 19.1	-0.83	- 3.3	1.6/05.7	64205
2005 NQ ₇₄	2009 11 06.8	02 47.78 +12 38.5 19.5	-0.96	- 4.1	1.7/06.0	63711
2007 GC ₂	2009 11 06.8	02 47.79 +05 02.4 20.7	-0.97	- 0.7	3.8/04.6	19475
2007 EO ₆₉	2009 11 06.8	02 47.83 +15 22.3 21.4	-0.96	- 3.1	0.3/06.7	20557
2000 SF ₉₃	2009 11 06.8	02 47.85 +18 12.3 17.4	-0.80	-10.3	11.6/28.0	64155
2007 HB ₇₁	2009 11 06.8	02 47.87 +08 14.2 19.6	-0.98	- 0.9	2.9/05.2	20658
2005 VW ₁₁₁	2009 11 06.8	02 47.87 +17 49.4 19.8	-1.00	- 2.3	0.6/07.2	64273
2001 VE ₁₂₄	2009 11 06.8	02 47.88 +17 16.6 19.0	-0.88	- 7.4	0.5/07.1	64170
2004 DG ₄₀	2009 11 06.8	02 47.88 +27 18.1 19.3	-1.18	- 3.2	4.8/09.3	64215
2001 QQ ₈₈	2009 11 06.8	02 47.93 +18 16.1 20.6	-1.05	- 4.7	0.8/07.4	64161
2002 AD ₉₆	2009 11 06.8	02 47.95 +38 10.4 20.1	-1.09	- 4.3	7.6/12.7	17988
2006 AU ₄₇	2009 11 06.8	02 47.96 +18 19.0 20.5	-0.89	- 4.9	0.7/07.4	64287
2005 YC ₂₉	2009 11 06.8	02 47.97 +12 53.3 20.9	-0.93	- 3.4	1.1/06.1	96686
1998 FY ₉	2009 11 06.8	02 47.98 +10 00.2 20.5	-0.84	- 6.0	1.8/05.2	62294
1998 MJ ₆	2009 11 06.8	02 47.98 +26 35.9 19.5	-1.04	- 5.8	4.9/09.6	64146
2002 GY ₁₃₉	2009 11 06.8	02 48.00 +16 43.1 20.6	-0.88	- 3.3	0.2/07.0	19085
2005 UK ₃₆₀	2009 11 06.8	02 48.00 +40 01.9 20.4	-1.05	- 3.0	7.2/12.9	60847
2006 HF ₈₃	2009 11 06.8	02 48.05 +16 40.0 20.9	-0.62	- 3.7	0.1/07.0	64296
2008 SM ₁₂	2009 11 06.8	02 48.08 +24 24.9 19.6	-0.60	- 1.9	1.6/09.0	64337
2008 ES ₁₅₀	2009 11 06.8	02 48.09 +08 59.3 20.3	-1.08	- 3.2	3.0/05.4	39958
2004 NH ₁₅	2009 11 06.8	02 48.09 +31 17.1 20.5	-1.04	- 5.4	4.7/10.9	14726
2004 XP ₁₂	2009 11 06.8	02 48.12 +18 37.5 18.3	-0.84	- 4.9	0.9/07.5	64237
2002 AK ₆₇	2009 11 06.9	02 48.06 +38 06.7 19.9	-1.15	- 3.2	7.9/12.1	69109
2003 BU ₁₀	2009 11 06.9	02 48.06 +28 10.9 19.5	-1.12	- 3.1	4.4/09.6	47241
2005 UK ₄₃₀	2009 11 06.9	02 48.07 +18 02.5 20.2	-0.99	- 3.8	0.7/07.3	64270
2002 TB ₃₆₆	2009 11 06.9	02 48.09 +05 09.5 20.2	-0.99	- 5.3	4.7/04.3	42629
2003 GL ₁₀	2009 11 06.9	02 48.09 +06 18.0 20.7	-0.84	- 5.4	2.9/04.4	64203
2001 UQ ₂₂₂	2009 11 06.9	02 48.14 +15 48.0 20.0	-0.99	- 3.4	0.1/06.8	64169
2004 VR ₃₅	2009 11 06.9	02 48.14 +10 29.8 18.9	-0.93	0.0	2.0/05.8	64235
2004 XL ₁₀₀	2009 11 06.9	02 48.20 -03 13.7 19.5	-0.80	- 1.7	6.0/02.3	64238
2002 DS	2009 11 06.9	02 48.20 +23 08.7 20.1	-0.96	- 4.0	2.5/08.6	64182

2004 XG ₂₂	2009 11 06.9	02 48.22 +18 13.5 18.9	-0.82	- 5.6	0.7/07.5	63697	2008 GO ₁₁₁	2009 11 07.1	02 49.07 +16 52.3 19.8	-1.16	- 2.4	0.2/07.3	64331
2006 BK ₁₇₂	2009 11 06.9	02 48.23 +16 13.8 19.4	-0.87	- 4.4	0.0/06.9	64290	2008 UW ₉	2009 11 07.1	02 49.07 +08 37.3 20.6	-0.51	- 3.0	1.4/05.1	50475
2004 GP ₆₀	2009 11 06.9	02 48.24 +14 15.4 21.0	-1.08	- 3.5	0.7/06.5	14114	2004 BW ₅₅	2009 11 07.1	02 49.08 +12 30.0 19.4	-1.05	- 4.3	1.8/06.3	64214
2004 XS ₃₁	2009 11 06.9	02 48.24 +12 38.5 20.0	-0.83	- 2.7	1.1/06.1	64237	2003 HQ ₃₆	2009 11 07.1	02 49.11 +10 54.8 19.8	-0.92	- 3.1	1.9/05.9	64204
2005 AG ₃₅	2009 11 06.9	02 48.24 +02 29.8 18.9	-0.79	- 3.1	4.6/03.6	64239	2002 YV ₆	2009 11 07.1	02 49.12 +00 38.2 18.9	-0.99	- 2.3	6.8/03.7	64199
2005 SK ₁₃₉	2009 11 06.9	02 48.28 +15 53.4 19.6	-1.01	- 2.9	0.1/06.9	64255	2006 DN ₂₁₆	2009 11 07.1	02 49.12 +05 09.2 21.3	-0.75	- 5.3	3.3/04.2	39794
2002 EY ₁₄₆	2009 11 06.9	02 48.35 +06 38.2 20.2	-0.84	- 4.8	3.2/04.6	64183	2007 DK ₂₄	2009 11 07.1	02 49.14 +13 49.1 21.4	-0.99	- 5.0	0.9/06.6	17731
2005 US ₂₅₆	2009 11 06.9	02 48.36 +18 34.4 20.7	-1.10	- 4.3	0.9/08.0	64267	2005 YY ₁₀₅	2009 11 07.1	02 49.14 +18 56.5 20.6	-0.89	- 4.5	0.9/07.8	64282
1999 TP ₆₄	2009 11 06.9	02 48.39 +14 52.3 19.7	-0.87	- 4.6	0.5/06.6	64148	2007 AW ₂₆	2009 11 07.1	02 49.15 +02 31.3 19.6	-1.03	- 3.2	6.0/04.1	64303
2002 EJ ₁₅₂	2009 11 06.9	02 48.39 +23 14.2 20.2	-0.60	- 1.9	1.4/08.7	49829	2007 DX ₂₂	2009 11 07.1	02 49.15 +38 02.4 21.7	-1.21	- 1.8	7.7/12.2	17729
2006 DJ ₃₆	2009 11 06.9	02 48.39 +04 09.4 20.2	-0.74	- 4.8	3.3/03.8	60861	2007 FX ₄₈	2009 11 07.1	02 49.17 +16 23.9 20.5	-0.86	- 3.5	0.0/07.2	64318
2008 KB ₁₆	2009 11 06.9	02 48.39 +02 20.8 21.6	-0.92	- 4.5	4.7/03.7	40774	2004 VL ₂₃	2009 11 07.1	02 49.21 +16 52.6 18.1	-0.94	- 0.9	11.2/28.0	63693
2005 YO ₂₂₁	2009 11 06.9	02 48.42 +17 51.5 20.1	-0.96	- 3.4	0.6/07.4	64285	2002 EG ₁₂₃	2009 11 07.1	02 49.22 +16 52.1 19.9	-0.89	- 5.6	0.2/07.3	64183
2005 YE ₉₅	2009 11 06.9	02 48.45 +21 48.8 19.7	-0.90	- 5.3	1.9/08.4	64282	2009 UD ₉₀	2009 11 07.1	02 49.26 +11 31.1 19.1	-0.84	- 1.4	1.9/06.2	64078
2005 WT ₃₅	2009 11 06.9	02 48.46 +19 06.3 18.3	-0.84	- 6.9	1.3/08.0	63763	2005 SY ₁₇₉	2009 11 07.1	02 49.27 +18 48.0 18.6	-1.02	- 1.7	1.2/08.0	64256
2006 BL ₉₄	2009 11 06.9	02 48.49 +34 27.6 20.1	-0.96	- 3.0	5.7/11.6	47380	2001 XY ₈₀	2009 11 07.1	02 49.28 +22 16.1 19.4	-0.94	- 7.3	2.3/08.8	64173
2004 VK ₈₂	2009 11 07.0	02 48.46 +21 12.6 19.1	-0.97	- 0.9	1.7/08.0	63694	2006 CM ₅₄	2009 11 07.1	02 49.28 +13 29.1 21.4	-0.79	- 3.5	0.8/06.5	47388
2005 RL ₁₀	2009 11 07.0	02 48.48 +16 51.0 19.6	-1.09	- 3.9	0.3/07.2	64251	2007 EG ₁₉₅	2009 11 07.1	02 49.30 +21 40.3 20.8	-0.97	- 3.0	1.9/08.4	19722
2002 CU ₂₂₄	2009 11 07.0	02 48.49 +30 48.3 21.3	-0.97	- 3.0	3.9/10.5	30685	2006 CY ₁₃	2009 11 07.2	02 49.25 +18 58.2 19.7	-0.85	- 3.9	0.9/08.0	64292
2002 PW ₃₇	2009 11 07.0	02 48.51 -06 34.0 19.7	-0.72	- 4.8	6.6/31.6	64187	2000 SX ₈₁	2009 11 07.2	02 49.27 -01 21.0 18.4	-0.68	-10.3	7.9/01.3	63611
2003 QD ₂₃	2009 11 07.0	02 48.52 -03 07.8 19.0	-0.71	- 7.5	6.9/01.2	64205	2009 TY ₇	2009 11 07.2	02 49.28 +18 57.0 18.8	-1.09	+ 2.3	1.5/07.7	64057
2004 RN ₁₇₅	2009 11 07.0	02 48.55 +10 23.1 18.4	-0.84	- 8.4	2.3/05.4	64225	2006 HW ₁₁₄	2009 11 07.2	02 49.28 +17 39.5 19.9	-0.94	- 0.3	0.4/07.5	63798
2002 CO ₅	2009 11 07.0	02 48.57 +21 45.7 19.2	-0.98	- 3.6	2.2/08.3	64179	2005 TK ₁₁₀	2009 11 07.2	02 49.30 +14 31.2 20.0	-0.92	- 7.5	0.7/06.7	63733
2005 AS ₄₄	2009 11 07.0	02 48.58 +22 06.0 18.7	-1.07	+ 1.9	2.4/08.0	63702	2005 GW ₉₄	2009 11 07.2	02 49.31 +13 47.0 20.7	-1.14	- 4.3	1.0/06.7	40133
2007 HT ₃	2009 11 07.0	02 48.59 +04 58.7 20.3	-0.97	+ 1.8	3.1/05.1	64320	2008 FE ₃₉	2009 11 07.2	02 49.31 +15 24.9 19.9	-1.17	- 0.4	0.3/07.1	41552
2003 SB ₂₀₇	2009 11 07.0	02 48.61 -07 13.0 19.9	-0.72	- 7.6	7.4/30.9	64209	2000 CX ₄₃	2009 11 07.2	02 49.31 +04 34.5 18.9	-0.78	- 4.4	3.8/04.2	64151
2001 XG ₃₆	2009 11 07.0	02 48.61 +14 24.2 18.6	-1.06	- 1.0	0.7/06.7	64173	2007 GP ₁	2009 11 07.2	02 49.32 +13 15.3 20.0	-0.85	- 2.1	0.9/06.5	62062
1996 AO ₁₄	2009 11 07.0	02 48.62 +18 53.5 20.6	-1.07	- 3.7	1.0/07.6	64144	2009 TH ₄	2009 11 07.2	02 49.34 +04 15.7 19.6	-0.87	- 5.9	4.9/04.1	64055
2009 SB ₄₉	2009 11 07.0	02 48.62 +18 48.0 20.7	-0.92	- 1.1	0.8/07.6	63963	2005 WT ₁₂₇	2009 11 07.2	02 49.38 +17 07.1 20.7	-0.93	- 4.9	0.3/07.4	64277
2008 JG ₁₄	2009 11 07.0	02 48.69 +08 35.5 20.3	-0.99	- 6.5	2.9/05.1	64333	2004 QM ₂₅	2009 11 07.2	02 49.39 +43 30.6 19.4	-1.09	- 7.0	9.1/15.9	59730
2003 SP ₂₉	2009 11 07.0	02 48.72 +26 01.3 20.3	-0.84	- 4.6	2.8/09.6	43176	2004 TB ₁₄₄	2009 11 07.2	02 49.39 +19 46.9 19.1	-1.01	- 0.7	1.3/08.0	64231
2003 SU ₃₂₃	2009 11 07.0	02 48.72 +26 15.8 20.6	-0.91	- 2.9	3.5/09.5	10989	2003 QB ₃₃	2009 11 07.2	02 49.39 +33 52.4 19.9	-1.01	- 2.1	5.4/11.5	43174
2005 QA ₁₇₉	2009 11 07.0	02 48.72 +22 15.7 19.0	-1.03	- 3.6	2.8/08.4	64251	2006 BG ₄₃	2009 11 07.2	02 49.41 +01 25.3 20.6	-0.78	- 2.6	4.1/03.7	41840
2005 UU ₂₉₆	2009 11 07.0	02 48.76 +15 12.5 19.6	-1.09	+ 0.1	0.4/06.9	62451	2004 TR ₁₄₄	2009 11 07.2	02 49.44 +19 34.0 19.4	-0.88	- 4.2	1.2/08.0	64231
2005 AC ₂₇	2009 11 07.0	02 48.77 -28 25.0 21.0	-1.21	+ 1.0	18.3/27.3	42735	2008 JN ₄	2009 11 07.2	02 49.44 +03 53.3 20.2	-0.98	- 2.6	4.8/04.6	43301
2002 RV ₂₅₂	2009 11 07.0	02 48.77 +15 16.2 20.7	-1.08	- 6.3	0.4/06.8	64191	2009 SN ₁₀₂	2009 11 07.2	02 49.47 +15 46.7 17.8	-1.11	+ 5.5	0.2/07.2	63979
2007 BD ₃₀	2009 11 07.0	02 48.77 +02 58.0 19.3	-1.00	- 3.3	5.6/04.0	64304	2008 KC ₄₀	2009 11 07.2	02 49.53 +08 38.7 20.3	-0.89	- 5.7	2.6/05.3	64334
2005 RF ₁₉	2009 11 07.0	02 48.83 +17 01.0 20.5	-1.06	- 4.0	0.3/07.3	64251	2006 YF ₁₇	2009 11 07.2	02 49.56 +06 01.3 19.3	-1.04	- 2.2	4.8/05.1	63807
2005 YE ₂₀₉	2009 11 07.0	02 48.84 -03 11.8 19.6	-0.93	- 0.1	6.5/03.0	63784	2001 XM ₂₁₁	2009 11 07.2	02 49.56 +05 52.1 18.3	-0.85	- 4.6	4.9/04.6	64175
2008 GL ₁₁	2009 11 07.0	02 48.85 +18 11.6 19.4	-1.07	+ 0.3	0.7/08.0	63851	2004 DA ₂₅	2009 11 07.2	02 49.58 +06 56.9 20.4	-1.02	- 4.7	3.5/05.1	40120
2005 LY ₄₉	2009 11 07.0	02 48.85 +06 34.0 20.2	-0.51	- 3.7	1.9/04.4	64242	2007 EH ₆₃	2009 11 07.2	02 49.62 +18 26.7 20.4	-0.96	- 3.3	0.8/07.8	64312
2006 DC ₄₈	2009 11 07.0	02 48.86 +17 01.7 20.8	-0.85	- 3.8	0.3/07.3	58525	2003 UG ₂₂₁	2009 11 07.2	02 49.68 +22 26.3 19.7	-0.84	- 3.9	2.1/08.8	64212
2004 LV ₄	2009 11 07.0	02 48.89 +07 04.9 19.9	-0.90	- 8.0	3.3/04.6	64220	2005 WV ₁₆₀	2009 11 07.2	02 49.69 +29 25.6 19.5	-0.95	- 8.7	5.3/11.2	02261
2005 QA ₉₀	2009 11 07.0	02 48.91 +12 53.2 19.1	-0.92	- 4.5	1.6/06.3	64249	2007 ED ₁₅₂	2009 11 07.2	02 49.69 +06 11.7 19.7	-0.89	- 3.7	3.8/04.9	19432
2005 YW ₂₂₇	2009 11 07.0	02 48.91 -03 11.8 21.6	-0.85	- 2.1	5.7/02.5	21353	2005 PX ₂	2009 11 07.2	02 49.72 +26 24.9 20.0	-1.18	- 4.5	4.1/09.7	64246
2003 SP ₁₇₉	2009 11 07.0	02 48.92 +25 31.2 19.6	-1.02	+ 1.0	3.2/08.9	97676	2009 SZ ₄₈	2009 11 07.3	02 49.67 +16 36.9 19.1	-1.01	- 5.2	0.2/07.4	63963
2005 YZ ₅₄	2009 11 07.1	02 48.86 +10 53.7 19.6	-0.96	- 2.2	2.0/06.0	64281	2001 DY ₅₈	2009 11 07.3	02 49.69 +03 45.3 20.0	-0.89	+ 0.7	3.2/04.9	43119
2008 FF ₇₉	2009 11 07.1	02 48.91 +12 32.5 20.2	-1.07	- 7.0	1.6/06.2	62531	2006 BU ₉₄	2009 11 07.3	02 49.72 +32 29.7 19.9	-0.94	- 3.1	5.0/11.3	64289
2004 XV ₁₂₁	2009 11 07.1	02 48.96 +18 10.3 19.8	-0.87	- 2.6	0.6/07.6	64238	2003 NW ₁₂	2009 11 07.3	02 49.73 +19 31.1 20.2	-0.82	- 7.2	0.9/08.2	40680
2004 SC ₅₇	2009 11 07.1	02 49.03 +08 00.3 19.7	-0.86	- 4.1	3.0/05.1	64229	2008 TC ₁₇₃	2009 11 07.3	02 49.73 +19 06.0 20.8	-0.54	- 2.2	0.5/08.0	63868
2006 DA ₂₅	2009 11 07.1	02 49.06 +16 33.2 22.0	-0.80	- 3.3	0.1/07.2	19286	2005 UQ ₂₉₈	2009 11 07.3	02 49.75 +15 20.9 19.6	-1.02	- 0.7	0.4/07.1	62451

2007 DM ₅₀	2009 11 07.3	02 49.77 +11 43.0 21.9	-1.03	- 3.8	1.6/06.3	41862
2005 XF ₇₅	2009 11 07.3	02 49.78 +24 10.6 20.0	-0.96	- 4.0	2.9/09.2	64280
2005 YU ₉₂	2009 11 07.3	02 49.80 -08 53.4 20.3	-0.79	- 1.7	6.9/01.5	43247
2005 QK ₁₈₀	2009 11 07.3	02 49.84 +23 47.8 19.2	-1.20	+ 2.0	3.7/08.6	63720
2008 RC ₇₁	2009 11 07.3	02 49.85 +39 48.1 21.3	-0.99	- 2.5	6.4/13.5	46675
2002 TT ₁₁₃	2009 11 07.3	02 49.86 +38 45.2 19.9	-0.92	- 2.3	5.8/13.2	46003
2006 DD ₁₁₅	2009 11 07.3	02 49.87 +20 57.8 20.7	-0.86	- 2.7	1.4/08.4	02297
2007 HK ₆₆	2009 11 07.3	02 49.88 +10 10.4 21.0	-0.75	- 5.5	1.7/05.7	64321
2001 WZ ₄₈	2009 11 07.3	02 49.88 +13 37.1 19.6	-0.94	- 5.2	1.0/06.7	64171
2006 DV ₂₆	2009 11 07.3	02 49.89 +05 15.1 20.4	-0.75	- 4.3	3.2/04.5	47390
2000 ES ₁₆₆	2009 11 07.3	02 49.91 -04 07.7 19.3	-0.82	- 2.1	6.5/02.4	64153
2003 UQ ₉₆	2009 11 07.3	02 49.92 +03 14.5 19.5	-0.75	-11.2	4.1/03.3	64211
2008 PC ₁₀	2009 11 07.3	02 49.96 +14 13.8 20.4	-0.78	- 5.4	0.6/06.8	50136
2000 EG ₂₇	2009 11 07.3	02 49.97 +24 33.1 18.5	-0.88	- 3.2	3.1/09.3	64152
2007 HH	2009 11 07.3	02 49.98 +07 20.6 19.6	-0.87	- 4.4	3.4/05.2	64320
2004 XN ₁₃₅	2009 11 07.3	02 49.99 +19 05.2 18.6	-0.89	- 2.3	1.0/08.0	64239
2005 YW ₁₁₄	2009 11 07.3	02 49.99 +39 30.3 20.2	-0.95	- 4.9	10.8/14.2	98052
2005 QH ₅₃	2009 11 07.3	02 50.01 +09 25.1 20.0	-1.02	- 4.8	2.7/05.8	90229
2001 SE ₁₈₈	2009 11 07.3	02 50.01 +25 47.0 19.9	-1.08	- 2.1	4.2/09.4	64164
2007 FG ₃₀	2009 11 07.3	02 50.01 +10 05.8 19.1	-0.81	- 5.9	2.2/05.8	64317
2004 RU ₂₂₇	2009 11 07.3	02 50.02 +33 58.8 19.4	-1.17	+ 0.9	6.7/10.9	64226
2004 GO ₃₀	2009 11 07.3	02 50.04 +19 09.1 20.9	-1.04	- 4.2	1.0/08.0	64218
2008 GX ₉₇	2009 11 07.3	02 50.09 +16 26.1 19.3	-1.01	- 7.9	0.0/07.4	64331
2002 PB ₁₀	2009 11 07.3	02 50.10 +17 48.0 20.5	-0.77	- 4.4	0.4/07.8	64187
2005 SW ₇₅	2009 11 07.3	02 50.12 +15 14.8 20.7	-1.01	- 4.7	0.4/07.1	64253
2004 CN ₈₅	2009 11 07.3	02 50.12 +09 05.9 20.5	-1.04	- 4.9	3.0/05.7	86285
2005 WY ₄₈	2009 11 07.4	02 50.05 +13 14.2 18.8	-0.97	- 0.6	1.5/06.8	63764
4714 P-L	2009 11 07.4	02 50.07 +35 29.7 20.1	-1.24	- 0.8	6.9/11.7	41716
2009 TC ₁₈	2009 11 07.4	02 50.09 +10 18.8 18.9	-0.92	- 1.9	3.0/06.1	64062
1995 DG ₁₀	2009 11 07.4	02 50.11 +05 51.6 21.2	-0.73	- 3.9	2.6/04.8	64144
2004 RA ₁₉	2009 11 07.4	02 50.13 +17 03.1 18.7	-0.86	- 6.9	0.3/07.6	64223
2006 SD ₁₃₉	2009 11 07.4	02 50.15 -09 15.4 20.0	-0.90	-19.6	11.7/28.6	39257
2005 BC ₁₄	2009 11 07.4	02 50.22 +36 53.7 19.4	-1.33	+ 4.6	7.3/10.3	62416
2005 SY ₂₂₁	2009 11 07.4	02 50.25 +00 42.5 19.8	-1.03	- 2.0	5.9/04.3	58511
2007 GP ₇₄	2009 11 07.4	02 50.28 -05 24.3 20.1	-0.85	- 3.2	7.0/02.0	21216
2006 DV ₁₁₉	2009 11 07.4	02 50.28 +28 22.0 19.4	-1.05	+ 0.1	3.9/09.9	55217
2007 HP ₈₁	2009 11 07.4	02 50.28 +16 50.7 20.4	-0.85	- 3.3	0.2/07.6	64321
2006 DG ₅₇	2009 11 07.4	02 50.31 -17 30.1 19.3	-0.78	- 2.5	10.2/29.0	64293
2008 JY ₂₅	2009 11 07.4	02 50.34 +02 20.4 20.2	-0.87	- 8.7	5.3/03.5	40043
2008 EP ₄₇	2009 11 07.4	02 50.36 +10 24.1 20.2	-1.06	- 3.4	2.4/06.2	39294
2004 TP ₂₂₂	2009 11 07.4	02 50.38 +39 31.1 19.5	-1.14	- 0.5	8.9/12.7	62408
2003 FJ ₆₆	2009 11 07.4	02 50.40 +10 56.3 20.3	-0.92	- 3.7	1.8/06.2	16250
2006 FL ₆	2009 11 07.4	02 50.43 +02 27.1 19.7	-0.79	- 2.4	3.8/04.2	60862
2003 SH ₂₁₈	2009 11 07.4	02 50.45 +30 01.2 19.9	-0.97	- 1.4	4.3/10.5	64209
2008 OC ₂₂	2009 11 07.4	02 50.45 +21 55.9 20.6	-0.82	- 3.1	1.5/08.8	46596
2006 EQ ₆₂	2009 11 07.4	02 50.46 +07 31.8 21.2	-0.76	- 6.0	2.5/05.1	02307
2005 QM ₄₀	2009 11 07.4	02 50.48 +18 16.3 18.5	-0.91	- 7.2	0.9/08.0	63715
2005 UT ₁₇₆	2009 11 07.4	02 50.50 +17 32.4 18.9	-1.19	+ 1.4	0.5/07.7	64265
2004 RW ₁₆₀	2009 11 07.4	02 50.51 +13 19.8 20.1	-0.88	- 4.9	1.0/06.7	35896
2007 BS ₄₁	2009 11 07.4	02 50.53 +22 40.5 20.6	-1.05	- 4.6	2.2/09.0	16023
2002 PK ₁₆₉	2009 11 07.5	02 50.48 +30 16.0 20.6	-0.89	- 2.5	4.4/10.9	64188

2006 CR ₄₀	2009 11 07.5	02 50.52 +26 04.4 20.7	-0.89	- 2.0	2.8/09.7	47388
2002 TB ₃₆₈	2009 11 07.5	02 50.52 -01 50.1 19.5	-0.68	- 5.8	10.0/02.1	63643
2001 XZ ₂₆₂	2009 11 07.5	02 50.54 +30 49.6 19.3	-0.99	- 6.7	5.1/11.4	64175
2007 GP ₃₁	2009 11 07.5	02 50.54 +10 31.8 20.5	-0.90	- 5.6	2.1/06.1	62518
2003 SJ ₁₀	2009 11 07.5	02 50.54 +26 47.2 20.0	-0.91	- 2.1	3.1/09.9	64206
2003 KA ₁₀	2009 11 07.5	02 50.54 -09 55.1 22.4	-0.85	- 1.5	7.1/01.6	50766
2009 TF ₄	2009 11 07.5	02 50.54 +15 59.5 18.9	-0.94	- 4.5	0.2/07.4	64054
2004 EN ₆₂	2009 11 07.5	02 50.56 +15 01.9 20.2	-1.08	- 4.8	0.5/07.2	64216
2007 CJ ₅₃	2009 11 07.5	02 50.57 +22 23.6 20.2	-1.11	- 3.2	2.6/08.8	64307
2007 EY ₇₈	2009 11 07.5	02 50.62 +32 40.7 20.7	-1.10	- 2.5	5.3/11.2	59791
2003 BF ₃₉	2009 11 07.5	02 50.64 +05 58.7 20.0	-0.94	- 4.0	3.5/05.1	47241
2000 RS ₈₈	2009 11 07.5	02 50.65 +35 05.1 19.3	-1.10	- 3.9	7.0/12.4	64155
2007 LY ₂₄	2009 11 07.5	02 50.67 +15 19.4 20.5	-0.79	- 3.6	0.3/07.3	64323
2005 UW ₈₈	2009 11 07.5	02 50.67 +15 55.4 19.6	-1.06	- 1.5	0.2/07.5	64263
1997 AC ₂₅	2009 11 07.5	02 50.67 +18 27.0 19.3	-0.87	- 8.2	0.7/08.0	64145
2005 VV ₁₀	2009 11 07.5	02 50.69 +10 44.3 19.8	-0.96	- 3.1	2.2/06.3	64272
2002 XU ₄₈	2009 11 07.5	02 50.73 +19 34.7 18.8	-1.03	- 6.8	1.3/08.0	64198
2005 QR ₁₃	2009 11 07.5	02 50.73 +20 19.1 20.0	-1.02	- 4.6	1.8/08.5	90223
2001 TM ₂₅₈	2009 11 07.5	02 50.77 +09 51.5 20.6	-0.97	- 4.0	2.2/06.1	64167
2007 EU ₂₁₃	2009 11 07.5	02 50.80 +17 13.9 20.4	-0.96	- 4.3	0.3/07.8	64316
2001 XC ₃₈	2009 11 07.5	02 50.84 +28 47.0 18.2	-1.11	- 0.5	5.5/10.1	64173
2008 JU ₁₁	2009 11 07.5	02 50.86 +11 23.4 20.6	-1.01	- 4.5	1.9/06.4	64333
2008 FM ₅₄	2009 11 07.5	02 50.87 +12 56.9 19.9	-1.11	- 4.4	1.4/06.8	64327
2006 US ₁₈	2009 11 07.5	02 50.88 +17 17.1 20.5	-1.09	- 9.1	12.3/28.0	63801
2007 FJ ₃₁	2009 11 07.5	02 50.91 +14 44.7 20.2	-0.92	- 4.0	0.6/07.2	22885
2006 SV ₁₅₃	2009 11 07.5	02 51.01 +42 29.7 19.9	-2.05	+ 8.5	12.8/10.1	39258
2004 CQ ₂₆	2009 11 07.6	02 50.86 +19 46.9 19.3	-1.11	- 4.6	1.4/08.4	64215
2001 VO ₈	2009 11 07.6	02 50.88 +12 17.6 19.2	-0.98	- 1.4	1.8/06.8	64169
2007 HH ₄₉	2009 11 07.6	02 50.89 +09 05.2 21.0	-0.79	- 3.3	2.1/05.9	20648
2007 DV ₁₀₅	2009 11 07.6	02 50.89 +10 09.7 20.6	-0.93	- 3.9	2.2/06.2	40177
2007 BT ₄₈	2009 11 07.6	02 50.90 +04 21.7 19.1	-0.98	- 2.6	5.3/05.0	64304
2005 UJ ₁₇₇	2009 11 07.6	02 50.91 +19 30.0 20.5	-0.99	- 4.0	1.2/08.3	64265
2005 UZ ₂₄₁	2009 11 07.6	02 50.91 +24 08.1 20.4	-1.00	- 7.3	2.7/09.6	96229
2007 EX ₁₉₃	2009 11 07.6	02 50.91 +33 15.3 20.6	-1.09	- 2.2	5.2/11.4	59792
2007 TD ₇₄	2009 11 07.6	02 50.99 -28 48.7 19.7	-0.56	- 1.6	8.3/24.6	64323
2002 VJ ₄₄	2009 11 07.6	02 51.01 +08 23.5 18.9	-0.90	- 2.6	4.2/05.8	64196
2003 SS ₂₀₉	2009 11 07.6	02 51.02 +32 47.9 19.7	-0.97	- 1.9	5.2/11.5	59709
1998 US ₅₀	2009 11 07.6	02 51.09 +18 49.4 20.4	-0.93	- 0.5	0.8/08.1	63603
1994 YS ₃	2009 11 07.6	02 51.11 +18 48.6 20.3	-0.84	- 3.9	0.7/08.2	64144
2001 XF ₃₁	2009 11 07.6	02 51.12 +26 13.3 18.7	-1.11	-20.2	4.6/11.0	26067
2003 SL ₂₉₃	2009 11 07.6	02 51.13 +30 09.7 19.7	-0.92	- 2.6	4.0/11.0	64210
2007 HG ₈₇	2009 11 07.6	02 51.16 +12 03.9 20.5	-0.79	- 3.4	1.2/06.6	62521
2003 SJ ₈₃	2009 11 07.6	02 51.16 +26 02.5 20.5	-0.95	- 0.9	3.1/09.7	95073
2005 UM ₄₀₃	2009 11 07.6	02 51.17 +12 39.3 20.5	-0.97	- 4.8	1.3/06.8	62453
2003 SC ₄₃₀	2009 11 07.6	02 51.18 +27 43.3 20.2	-0.93	- 1.1	3.3/10.1	64211
2005 SS ₂₅₁	2009 11 07.6	02 51.26 +15 37.2 18.8	-1.01	- 1.9	0.4/07.5	64257
2002 NM ₂₆	2009 11 07.6	02 51.26 +08 32.0 18.5	-1.02	- 5.0	3.9/05.9	64186
1998 HQ ₁₀	2009 11 07.6	02 51.29 +21 25.4 19.1	-1.10	+ 0.1	1.9/08.6	64146
2005 QW ₈₁	2009 11 07.6	02 51.31 +20 36.3 19.6	-1.06	- 3.3	1.9/08.6	90233
2008 FP ₁₁₄	2009 11 07.6	02 51.39 +40 28.6 19.8	-2.01	+ 9.6	12.6/10.0	40207
2007 BP ₅₅	2009 11 07.7	02 51.24 +12 54.7 20.5	-1.04	- 3.2	1.3/06.9	21875

2005 UZ ₁₃₈	2009 11 07.7	02 51.34 +12 01.0	19.6	-0.88	- 5.5	2.0/06.6	64264
2007 GQ ₆₇	2009 11 07.7	02 51.34 +18 33.6	19.4	-0.93	- 0.9	0.7/08.2	64320
2003 SR ₈₅	2009 11 07.7	02 51.35 +22 08.1	18.9	-0.77	-10.4	2.0/09.5	63661
2001 XY ₁₆	2009 11 07.7	02 51.36 +20 06.4	18.7	-1.01	- 2.2	1.6/08.5	64172
2005 OJ ₂₀	2009 11 07.7	02 51.38 +18 33.1	19.7	-1.05	- 4.5	0.9/08.2	64245
2001 UV ₂₂₁	2009 11 07.7	02 51.38 +09 57.1	19.1	-0.97	- 2.0	2.8/06.4	64169
2008 UP ₂₃	2009 11 07.7	02 51.41 +21 02.5	21.0	-0.57	- 1.2	0.8/08.9	51088
2008 RK ₁₂₁	2009 11 07.7	02 51.41 +12 19.9	20.0	-0.54	- 3.1	0.9/06.7	64337
1995 US ₈₀	2009 11 07.7	02 51.41 +11 50.3	20.1	-0.86	- 5.0	1.6/06.6	64144
2001 XP ₁₅₆	2009 11 07.7	02 51.42 +06 15.5	18.5	-0.96	- 1.2	4.3/05.7	64174
2001 KH ₁₆	2009 11 07.7	02 51.45 +05 10.0	20.7	-0.81	- 1.4	2.9/05.2	02035
2005 WS ₁₇₄	2009 11 07.7	02 51.47 +12 44.1	20.0	-0.94	- 2.3	1.3/06.9	64277
2005 YE ₄₂	2009 11 07.7	02 51.48 +27 47.5	19.7	-0.94	- 4.7	3.8/10.6	64281
2008 RT ₁₂₈	2009 11 07.7	02 51.49 +21 26.4	21.2	-0.54	- 2.4	0.9/09.0	58161
2006 BW ₂₆₉	2009 11 07.7	02 51.51 -06 41.0	21.1	-0.75	- 2.7	5.7/01.9	43257
2004 FD ₂₄	2009 11 07.7	02 51.51 +13 51.7	20.9	-1.01	- 5.7	0.9/07.1	64217
2004 XS ₁₁₇	2009 11 07.7	02 51.52 +32 16.1	19.9	-0.88	- 5.3	4.9/12.0	60391
2006 BM ₇₅	2009 11 07.7	02 51.56 -03 06.4	19.6	-0.83	- 1.5	6.7/03.5	57038
2008 KJ ₄₀	2009 11 07.7	02 51.60 +08 55.9	20.2	-1.08	- 3.5	2.8/06.1	40629
2007 HU ₅	2009 11 07.7	02 51.73 +07 25.4	21.3	-0.93	- 4.4	3.0/05.6	41872
2003 ST ₁₈₂	2009 11 07.8	02 51.66 +11 39.1	18.8	-0.75	- 8.7	1.5/06.4	63664
2004 RR ₁₄₆	2009 11 07.8	02 51.68 +27 43.4	20.4	-1.05	- 2.2	4.0/10.3	19626
2007 GL ₂₀	2009 11 07.8	02 51.72 +16 58.9	19.7	-0.93	- 0.9	8.1/28.0	63832
2005 YW ₁₅₁	2009 11 07.8	02 51.73 +11 46.7	20.6	-0.91	- 2.4	1.6/06.8	19267
2003 AF ₄₁	2009 11 07.8	02 51.73 -35 06.6	19.6	-1.16	+ 2.0	25.3/22.9	33373
2005 WY ₁₇₄	2009 11 07.8	02 51.75 +15 54.6	20.1	-0.93	- 3.6	0.2/07.7	64277
2005 YD ₁₁	2009 11 07.8	02 51.76 +19 10.8	20.4	-0.94	- 3.9	1.0/08.5	64280
2001 YJ ₁₁₂	2009 11 07.8	02 51.77 +28 27.2	18.3	-1.01	- 3.4	5.1/10.7	64176
2009 SM ₃₃₈	2009 11 07.8	02 51.78 +17 03.0	18.2	-0.95	- 0.1	8.7/19.0	64050
2006 WY ₁₅₇	2009 11 07.8	02 51.82 +10 02.5	20.4	-1.13	- 2.6	2.7/06.5	40170
2006 BL ₂₂	2009 11 07.8	02 51.83 +16 37.5	21.2	-0.81	- 3.5	6.5/19.0	63788
2008 EV ₁₅₀	2009 11 07.8	02 51.83 +11 38.2	20.5	-1.02	- 3.4	1.8/06.8	40744
2001 XD ₂₀₈	2009 11 07.8	02 51.84 -11 33.1	18.9	-1.00	+ 6.2	13.7/04.0	64175
2009 SB ₁₈	2009 11 07.8	02 51.84 +07 12.9	17.7	-0.76	-14.0	4.3/04.8	63952
2005 OX ₂₇	2009 11 07.8	02 51.85 +14 20.2	20.2	-1.05	- 6.0	0.8/07.3	64246
2003 SC ₁₁₃	2009 11 07.8	02 51.87 +24 54.7	19.6	-0.83	- 7.1	3.0/10.2	97673
2004 EB ₇₄	2009 11 07.8	02 51.89 +06 46.4	19.7	-0.98	- 4.9	3.6/05.6	64216
2007 DZ ₁₀₉	2009 11 07.8	02 51.92 +21 55.7	21.6	-0.98	- 3.8	1.7/09.1	40455
2009 UA ₂	2009 11 07.8	02 51.94 +10 45.6	19.0	-0.89	-18.7	2.2/05.9	64069
2002 LV ₆₁	2009 11 07.8	02 51.97 +02 17.8	20.3	-0.78	- 4.8	4.3/04.2	43155
2004 RW ₃₄₉	2009 11 07.8	02 51.99 +08 43.9	21.5	-0.87	- 5.1	2.4/05.9	21583
2007 GV ₂₉	2009 11 07.8	02 52.00 +18 57.2	19.3	-0.91	- 1.0	0.7/08.4	64318
2006 CJ ₅₉	2009 11 07.8	02 52.02 +04 35.2	20.0	-0.77	- 4.7	3.5/04.8	60860
2004 FT ₁₁₀	2009 11 07.8	02 52.03 +16 21.8	19.8	-1.01	- 5.9	8.7/19.0	64218
2002 CR ₁₀₀	2009 11 07.8	02 52.05 +07 51.7	20.0	-0.87	- 4.3	2.8/05.8	47201
2000 RU ₉₇	2009 11 07.8	02 52.05 +37 30.6	18.3	-0.80	-10.1	9.8/15.3	63610
2006 AT ₅₃	2009 11 07.8	02 52.12 +16 51.4	20.4	-0.87	- 4.2	8.2/28.0	63787
2004 VV ₇₄	2009 11 07.8	02 52.23 +05 32.1	18.6	-2.21	+27.9	6.8/08.7	64236
2005 UJ ₈₁	2009 11 07.9	02 52.07 +19 56.9	19.2	-0.92	- 8.4	1.4/08.9	64263
2006 KR ₂₆	2009 11 07.9	02 52.10 -07 13.0	19.1	-0.83	- 3.3	8.5/01.5	64296
1994 GB ₅	2009 11 07.9	02 52.10 +23 19.9	19.2	-1.05	- 1.3	2.5/09.3	64143

2004 RM ₃₀₃	2009 11 07.9	02 52.10 +11 21.6	20.5	-0.86	- 6.6	1.7/06.6	62401
2004 PU ₈₃	2009 11 07.9	02 52.11 +01 02.7	19.2	-0.84	- 4.4	5.6/04.1	18081
2001 JO	2009 11 07.9	02 52.13 +02 58.6	20.9	-0.87	+ 0.3	3.0/05.2	00024
2001 RP ₁₄	2009 11 07.9	02 52.16 +13 13.3	20.3	-0.98	- 5.1	1.1/07.1	40094
2000 QU ₅₈	2009 11 07.9	02 52.16 +16 36.8	17.7	-0.88	- 0.3	12.0/28.0	64154
2005 SC ₁₄₉	2009 11 07.9	02 52.17 +18 01.7	20.3	-1.08	- 1.8	0.6/08.2	63728
2006 EB ₇	2009 11 07.9	02 52.17 +14 13.2	19.9	-0.82	- 3.7	0.7/07.4	43264
2003 SQ ₈₅	2009 11 07.9	02 52.17 +35 22.7	19.5	-0.91	- 6.1	6.0/13.4	55100
2004 TP ₁₆₆	2009 11 07.9	02 52.19 +13 55.2	20.6	-0.87	- 5.0	0.9/07.3	41818
2004 TM ₇₅	2009 11 07.9	02 52.21 +15 33.3	20.7	-0.86	- 3.9	0.3/07.7	64230
2007 DK ₁₁₀	2009 11 07.9	02 52.21 +08 12.7	20.5	-0.90	- 5.6	2.8/05.9	41863
2006 BL ₂₂₁	2009 11 07.9	02 52.25 +30 32.6	21.1	-0.92	- 3.3	4.1/11.4	64291
2006 BC ₁₆₂	2009 11 07.9	02 52.28 +49 39.2	21.3	-1.08	- 2.1	7.3/17.0	21623
2005 PG ₁	2009 11 07.9	02 52.29 +32 11.7	19.7	-1.23	- 3.2	6.4/11.6	90220
1999 XL ₂₅	2009 11 07.9	02 52.30 +19 14.6	17.5	-0.83	- 8.9	1.0/08.7	64150
2004 RH ₁₈₀	2009 11 07.9	02 52.30 +22 13.5	19.2	-0.93	- 4.9	1.9/09.4	18091
2007 DY ₆₅	2009 11 07.9	02 52.31 +05 05.7	21.1	-0.89	- 4.4	3.7/05.2	38128
2004 TM ₁₀	2009 11 07.9	02 52.32 +18 38.6	19.6	-0.96	- 1.9	0.8/08.4	64229
2007 BK ₉	2009 11 07.9	02 52.32 +01 33.6	19.3	-1.02	- 1.2	7.1/04.9	64303
2003 SD ₄₈	2009 11 07.9	02 52.32 +27 53.2	20.0	-0.86	- 4.8	3.3/10.9	64207
2002 EF ₁₃₀	2009 11 07.9	02 52.38 +09 04.3	18.6	-0.88	- 9.4	2.8/05.8	64183
2001 RR ₁₃₇	2009 11 07.9	02 52.42 +24 57.3	19.8	-1.10	- 3.1	3.0/09.8	64163
2007 GT ₁₉	2009 11 07.9	02 52.45 +21 28.5	19.6	-1.05	- 0.2	1.7/08.9	64318
2000 AQ ₂₅₃	2009 11 07.9	02 52.46 +20 05.3	20.7	-0.86	- 4.0	1.2/08.9	72055
2007 DV ₁₀₆	2009 11 07.9	02 52.47 +12 54.9	20.9	-0.90	- 4.8	1.2/07.1	64310
2007 CB ₄₃	2009 11 07.9	02 52.49 +29 33.9	19.2	-1.11	- 3.3	6.2/11.0	18197
2006 WS ₂₀₃	2009 11 07.9	02 52.50 +27 09.8	19.9	-1.07	- 6.9	4.8/10.8	64300
2007 DC ₁	2009 11 07.9	02 52.51 +18 16.8	20.5	-1.04	- 4.1	0.7/08.4	64307
2001 YO ₁	2009 11 07.9	02 52.51 -14 26.0	19.5	-1.46	+ 7.1	14.5/04.4	38833
6510 P-L	2009 11 07.9	02 52.54 +35 32.1	19.5	-1.16	+ 0.7	7.2/11.9	64421
2003 KW ₂	2009 11 08.0	02 52.45 +08 16.8	21.2	-0.93	- 3.4	2.7/06.1	41116
2009 TP ₂₁	2009 11 08.0	02 52.45 +07 53.6	19.0	-0.94	- 2.7	3.4/06.1	64064
2007 ET ₁₉₅	2009 11 08.0	02 52.46 -03 20.2	20.8	-0.91	- 1.7	6.3/03.6	64316
2008 FN ₁₂₄	2009 11 08.0	02 52.49 -01 01.5	20.4	-1.01	-20.6	8.0/01.8	63850
2007 ET ₈₄	2009 11 08.0	02 52.49 +01 01.1	20.9	-0.98	- 3.7	5.6/04.3	17823
2005 WE ₃₄	2009 11 08.0	02 52.51 +03 04.0	19.6	-1.01	+ 0.6	4.7/05.5	64274
2003 FE ₂₂	2009 11 08.0	02 52.52 +16 54.6	19.1	-0.95	- 4.5	0.2/08.1	64202
2005 UB ₃₂₈	2009 11 08.0	02 52.53 +20 32.9	19.2	-0.92	- 9.2	1.5/09.2	63748
2004 RW ₂₇₀	2009 11 08.0	02 52.54 +23 33.1	20.6	-0.99	- 2.5	2.6/09.6	64227
2003 SF ₃₄₀	2009 11 08.0	02 52.58 +23 05.2	19.7	-0.97	+ 0.6	2.5/09.3	63667
2008 RE ₁₂₇	2009 11 08.0	02 52.59 +22 33.7	19.8	-0.54	- 3.0	1.1/09.6	58924
2005 VC ₄₈	2009 11 08.0	02 52.59 +13 26.0	20.7	-0.99	- 5.6	1.2/07.3	62457
2007 DZ ₃₄	2009 11 08.0	02 52.63 +13 31.2	18.7	-0.95	- 4.6	1.4/07.3	64308
2002 VK ₆₆	2009 11 08.0	02 52.65 +18 54.2	19.0	-1.05	- 0.7	1.2/08.5	63647
1997 UJ ₆	2009 11 08.0	02 52.65 +11 59.4	19.6	-0.53	- 4.9	0.9/06.8	64145
2003 SZ ₃₂₇	2009 11 08.0	02 52.65 +25 50.6	20.2	-0.92	- 1.6	2.8/10.1	64210
2008 HN ₆₇	2009 11 08.0	02 52.67 +14 14.1	21.2	-1.02	- 4.7	0.8/07.5	40609
2007 FE ₃₆	2009 11 08.0	02 52.69 +11 36.6	19.4	-0.88	- 5.5	2.0/06.8	64317
2003 UO ₃₂₄	2009 11 08.0	02 52.74 -01 32.9	20.1	-1.04	-15.9	7.7/02.2	39189
2008 GE ₁₄₀	2009 11 08.0	02 52.80 +14 59.2	20.8	-1.06	- 5.3	0.6/07.7	58144
2005 WT ₁₈₄	2009 11 08.0	02 52.81 +05 09.7	20.3	-0.89	- 5.4	4.0/05.2	18162

2005 UO ₃₆₉	2009 11 08.0	02 52.84 +09 53.6 21.4	-0.92	- 3.1	2.0/06.6	16330
2005 TM ₁₁₆	2009 11 08.0	02 52.85 +13 25.2 20.5	-0.95	- 7.3	1.2/07.3	64259
2000 SC ₁₉₉	2009 11 08.0	02 52.85 +12 46.5 19.6	-0.94	- 4.4	1.4/07.2	40090
2001 WT ₈₇	2009 11 08.0	02 52.87 +21 34.4 19.5	-1.03	- 3.8	1.8/09.2	64172
2003 TT ₅₅	2009 11 08.0	02 52.88 +10 42.6 20.0	-0.84	- 1.3	1.7/06.8	10993
2000 HJ ₁₀₁	2009 11 08.0	02 52.90 +31 22.7 20.6	-0.99	- 0.2	4.1/11.1	01999
2005 AA ₇	2009 11 08.0	02 52.96 +54 59.0 20.2	-1.79	- 2.9	17.5/18.7	09101
2004 JP ₂₈	2009 11 08.1	02 52.87 +14 00.3 20.9	-0.97	- 5.7	0.8/07.5	64220
2005 TB ₃₃	2009 11 08.1	02 52.87 +13 33.1 19.8	-1.02	- 3.3	1.2/07.5	64258
2006 DN ₁₀₄	2009 11 08.1	02 52.90 +36 36.2 21.0	-0.95	- 1.7	5.2/12.9	02296
2002 EQ ₁₀₂	2009 11 08.1	02 52.90 +29 47.8 19.9	-0.99	- 3.9	4.2/11.3	64183
2003 SR ₈₂	2009 11 08.1	02 52.92 +16 48.8 20.2	-0.83	- 3.5	0.1/08.2	64207
2005 QD ₄₆	2009 11 08.1	02 52.96 +25 35.6 20.2	-1.15	- 1.0	4.1/09.9	63716
2004 VA ₉₆	2009 11 08.1	02 52.99 -00 09.0 20.0	-0.79	- 4.6	5.3/03.8	47327
2006 EN ₂₄	2009 11 08.1	02 53.04 +28 09.9 21.3	-0.92	- 2.8	3.6/10.9	09535
2003 SQ ₂₅	2009 11 08.1	02 53.06 +10 57.4 19.6	-0.76	- 5.7	1.7/06.7	64207
2001 XY ₄₄	2009 11 08.1	02 53.08 +28 01.6 19.0	-1.12	- 0.3	4.8/10.4	63620
2005 WD ₁₇₇	2009 11 08.1	02 53.12 +16 05.8 19.0	-0.94	- 1.8	0.2/08.1	63774
2005 QV ₁₃₆	2009 11 08.1	02 53.16 +16 37.2 19.7	-0.98	- 2.5	0.0/08.2	63719
2003 SK ₁₀₅	2009 11 08.1	02 53.17 +18 38.4 18.9	-0.80	- 5.6	0.7/08.7	63662
2007 EL ₁₇₀	2009 11 08.1	02 53.20 +00 05.3 20.0	-0.89	- 3.9	5.9/04.3	59792
2007 EP ₁₀₉	2009 11 08.1	02 53.20 +08 25.9 19.6	-0.90	- 4.6	2.8/06.2	64313
2007 BH ₁₁	2009 11 08.1	02 53.23 +06 01.2 19.5	-1.04	- 2.0	4.4/06.0	22870
2005 TV ₉₁	2009 11 08.1	02 53.25 +27 08.5 19.4	-1.11	- 4.2	4.4/10.7	64259
2006 AF ₇₈	2009 11 08.1	02 53.27 +16 57.1 21.3	-0.78	- 3.8	0.1/08.3	02270
2007 LS ₄	2009 11 08.1	02 53.29 -00 55.4 20.1	-0.90	+ 0.6	5.3/04.8	64322
2005 XL ₈₂	2009 11 08.1	02 53.31 +29 25.5 19.5	-0.90	-10.7	5.5/12.2	96651
2004 XY ₇₄	2009 11 08.2	02 53.27 +13 27.7 19.1	-0.84	- 3.9	1.1/07.5	64238
2001 OE ₄₀	2009 11 08.2	02 53.28 +51 34.0 19.7	-1.61	- 1.1	11.9/17.5	39149
2005 QM ₂₈	2009 11 08.2	02 53.32 +09 54.9 20.6	-1.01	- 5.7	2.5/06.6	40693
2002 FC ₃₂	2009 11 08.2	02 53.37 +16 20.7 19.6	-0.57	- 1.3	0.0/08.2	64184
2000 HE ₉₈	2009 11 08.2	02 53.37 +13 38.7 20.0	-1.06	- 3.2	1.2/07.6	64153
2003 ST ₃₀₉	2009 11 08.2	02 53.37 +04 04.0 20.1	-0.74	- 6.4	3.5/04.8	64210
2009 TH ₁₇	2009 11 08.2	02 53.46 +07 54.5 18.7	-0.92	- 3.0	3.9/06.3	64061
2007 DR ₅₉	2009 11 08.2	02 53.51 +33 15.7 21.3	-1.05	- 2.8	4.8/12.2	59789
2005 YB ₂₇₉	2009 11 08.2	02 53.52 +04 26.2 19.9	-0.95	- 1.4	4.0/05.7	20833
2004 CH ₉₉	2009 11 08.2	02 53.54 +12 00.1 20.4	-1.00	- 6.1	1.6/07.1	64215
2007 GR ₅₇	2009 11 08.2	02 53.56 +10 53.1 21.0	-0.84	- 2.3	1.7/07.0	20618
2005 YU ₁₄₃	2009 11 08.2	02 53.59 +09 09.4 19.4	-0.89	- 2.4	3.2/06.6	63783
2006 BY ₂₆₈	2009 11 08.2	02 53.60 +30 49.6 19.6	-0.98	- 2.6	4.6/11.6	64291
2006 BB ₂₆₈	2009 11 08.2	02 53.64 -19 54.2 21.1	-0.75	- 2.0	8.8/29.4	11157
2003 ST ₁₃₀	2009 11 08.2	02 53.65 +41 20.8 20.3	-1.18	+ 0.6	6.7/13.6	48516
2003 QO ₁₄	2009 11 08.2	02 53.66 +21 50.2 20.1	-0.84	- 5.4	1.7/09.6	63657
2008 SA ₂₇₇	2009 11 08.2	02 53.66 +07 29.5 20.6	-0.52	- 2.7	1.8/05.9	58618
2006 BO ₈₇	2009 11 08.2	02 53.68 +01 13.6 20.1	-0.82	- 3.0	4.8/04.6	20837
2003 GB ₅₆	2009 11 08.2	02 53.68 +04 25.2 20.9	-0.85	- 6.3	4.2/05.1	20306
2006 AV ₇₉	2009 11 08.2	02 53.69 -19 59.2 20.4	-0.74	- 2.0	8.4/29.4	22807
2003 FQ ₁₁₇	2009 11 08.2	02 53.70 +05 33.6 20.3	-0.93	- 4.4	3.9/05.7	19597
1998 VX ₄₂	2009 11 08.2	02 53.72 +15 55.0 19.4	-0.87	- 3.2	0.2/08.1	64147
2008 SA ₁₃₅	2009 11 08.2	02 53.74 +48 48.8 21.5	-1.20	- 0.7	8.1/16.6	56134
2006 BB ₈₇	2009 11 08.3	02 53.67 +23 47.7 21.2	-0.85	- 3.1	1.9/10.0	64289

1998 VL ₄₈	2009 11 08.3	02 53.73 +12 06.2 20.2	-1.08	- 1.5	1.7/07.4	64147
2008 GN ₁₃₈	2009 11 08.3	02 53.76 +05 02.5 20.2	-0.95	- 4.4	4.6/05.7	46585
2004 YL ₁₄	2009 11 08.3	02 53.81 +15 50.7 20.2	-0.85	- 3.3	0.2/08.2	64239
2005 UX ₄₃₈	2009 11 08.3	02 53.82 +12 19.4 17.9	-1.00	+ 1.7	2.1/07.6	64270
2003 SL ₁₁₁	2009 11 08.3	02 53.86 +17 02.8 18.7	-0.79	-11.4	0.1/08.5	64208
2002 CC ₂₅₄	2009 11 08.3	02 53.86 +22 27.3 19.0	-0.96	- 4.4	2.3/09.7	64181
2001 UR ₆₀	2009 11 08.3	02 53.87 +24 55.0 19.6	-1.08	- 3.6	3.6/10.3	64167
2005 UY ₆₁	2009 11 08.3	02 53.87 +16 19.0 19.9	-0.91	- 8.7	0.1/08.3	97887
2004 FU ₄₂	2009 11 08.3	02 53.88 +05 26.2 21.2	-0.99	- 4.9	3.8/05.7	86405
2006 AG ₁₀₆	2009 11 08.3	02 53.90 +17 16.2 21.2	-0.84	- 3.7	0.2/08.5	59486
1995 CD ₅	2009 11 08.3	02 53.91 +27 30.3 19.7	-1.04	- 4.6	4.6/11.0	64144
2002 YH ₁₀	2009 11 08.3	02 53.91 +25 38.2 17.9	-0.94	- 7.7	4.3/10.9	64199
2008 QS ₄₂	2009 11 08.3	02 53.92 +16 52.9 20.5	-0.54	- 2.8	0.1/08.4	63862
2002 RL ₁₆₃	2009 11 08.3	02 53.93 +21 36.3 20.0	-1.11	- 4.3	2.3/09.5	63634
2008 JU ₃	2009 11 08.3	02 53.95 +06 16.7 19.8	-1.03	- 2.0	4.0/06.3	40770
1994 RT ₁₇	2009 11 08.3	02 53.95 +09 47.2 20.2	-0.86	- 4.9	2.3/06.7	64144
2001 WB ₁₀₄	2009 11 08.3	02 53.98 +22 22.4 20.0	-1.06	- 1.3	2.3/09.5	59387
2003 PE ₈	2009 11 08.3	02 53.98 +36 27.1 19.9	-1.00	- 3.5	6.0/13.5	59701
2003 OA ₁₆	2009 11 08.3	02 54.03 +31 07.8 18.8	-0.92	- 6.3	5.3/13.0	64204
2006 CQ ₃₇	2009 11 08.3	02 54.03 +34 42.2 20.2	-0.92	- 3.5	5.1/13.0	41844
2005 OQ ₁₃	2009 11 08.3	02 54.05 +34 08.0 19.3	-1.27	+ 0.9	8.7/12.0	63712
2007 ER ₃₆	2009 11 08.3	02 54.07 +05 43.2 20.9	-0.90	- 2.7	3.4/05.9	22880
2006 WG ₅₆	2009 11 08.3	02 54.08 +25 57.3 20.0	-1.08	- 5.0	3.6/10.6	16368
2007 GP ₆₇	2009 11 08.3	02 54.13 +19 53.9 20.9	-1.01	- 2.0	1.1/09.1	21682
2005 YC ₁₂₀	2009 11 08.3	02 54.14 +18 58.9 20.3	-0.90	- 4.9	0.8/09.0	64283
2000 SA ₂₄	2009 11 08.3	02 54.17 +46 45.0 20.8	-1.47	- 0.3	8.5/15.5	39144
2007 CA ₅	2009 11 08.4	02 54.06 +14 11.5 21.3	-1.03	- 4.7	1.0/07.8	22578
2005 NJ ₅₁	2009 11 08.4	02 54.11 +15 51.4 19.4	-1.02	- 5.5	0.3/08.2	64244
1997 NC ₂	2009 11 08.4	02 54.12 +14 09.1 19.9	-0.78	- 6.7	0.8/07.7	64145
2000 BT ₃₁	2009 11 08.4	02 54.12 -00 28.4 19.7	-0.79	- 2.8	5.3/04.3	64151
2008 RQ ₄₅	2009 11 08.4	02 54.16 +20 56.3 20.6	-0.59	- 1.6	0.9/09.5	59812
2005 QG ₁₂₁	2009 11 08.4	02 54.16 +12 08.7 20.0	-1.00	- 5.5	1.8/07.4	64249
2002 FR ₁₈	2009 11 08.4	02 54.21 +13 51.7 20.2	-0.54	- 2.4	0.5/07.7	64184
2003 SV ₉₈	2009 11 08.4	02 54.25 +34 36.3 18.3	-0.91	- 7.3	6.2/13.8	64208
2004 BS ₁₄₆	2009 11 08.4	02 54.25 +09 45.1 20.3	-0.65	- 2.7	1.6/06.8	64214
2005 UH ₄₀₄	2009 11 08.4	02 54.29 +12 28.6 21.0	-0.97	- 4.3	1.4/07.5	40152
2005 SA ₁₄₈	2009 11 08.4	02 54.29 +14 22.7 20.2	-0.99	- 4.1	0.9/07.9	18127
2000 WY ₅₀	2009 11 08.4	02 54.30 +26 35.3 18.7	-1.03	-10.4	3.0/11.2	64157
2005 UF ₄₁₁	2009 11 08.4	02 54.30 +10 53.3 19.3	-0.96	- 2.8	2.1/07.2	64270
2003 JJ ₅	2009 11 08.4	02 54.32 +11 30.3 18.9	-1.03	+ 0.9	1.8/07.6	64204
2007 FC ₄₃	2009 11 08.4	02 54.32 +39 03.5 20.5	-1.22	- 0.5	7.0/13.0	43278
1999 XQ	2009 11 08.4	02 54.33 -05 21.2 20.6	-0.79	- 1.5	5.8/03.3	64150
1999 RM ₁₀₆	2009 11 08.4	02 54.34 +08 04.1 19.2	-0.82	- 8.2	2.9/06.1	64148
2007 FV ₁₈	2009 11 08.4	02 54.35 +12 01.5 21.1	-0.91	- 4.5	1.6/07.4	20583
2005 SF ₂₁₀	2009 11 08.4	02 54.35 +17 00.7 19.5	-0.98	- 7.4	0.1/08.6	57014
2002 TW ₂₀₄	2009 11 08.4	02 54.40 +05 04.0 19.2	-1.01	- 2.4	5.4/06.0	64194
2007 FG ₃₉	2009 11 08.4	02 54.41 -00 58.8 21.2	-0.90	- 3.1	5.3/04.3	19472
2006 AR ₄	2009 11 08.4	02 54.41 +11 51.1 20.2	-0.91	- 3.9	1.7/07.4	64286
2000 CW ₁₃₆	2009 11 08.4	02 54.43 +26 58.4 21.6	-1.08	- 4.0	3.2/10.9	99937
2004 RA ₂₃	2009 11 08.4	02 54.44 +01 09.1 19.0	-0.80	- 5.4	6.3/04.4	35895
2007 ES ₇₈	2009 11 08.4	02 54.45 +10 24.4 20.0	-0.93	- 3.1	2.0/07.1	59791

1999 WD ₂₀	2009 11 08.4	02 54.45 +14 53.4 20.4	-0.86	- 3.4	0.6/08.1	64150	2006 AV ₂₃	2009 11 08.6	02 55.00 -19 21.7 20.4	-0.74	- 2.9	9.0/29.6	96911
2004 QR ₂₅	2009 11 08.4	02 54.46 +60 55.6 20.9	-1.65	- 3.6	12.0/23.1	41809	2007 JD ₁₂	2009 11 08.6	02 55.03 +00 49.1 20.5	-0.74	- 6.5	4.7/04.3	60524
2005 XH ₄₈	2009 11 08.4	02 54.47 +13 41.6 20.7	-0.99	- 2.4	1.1/07.9	64279	2001 UP ₈₂	2009 11 08.6	02 55.04 +16 06.5 18.8	-0.97	- 3.6	0.3/08.5	64167
2007 GZ ₁₂	2009 11 08.4	02 54.49 +04 12.3 21.0	-0.85	- 5.1	4.3/05.4	20598	2004 TK ₇₃	2009 11 08.6	02 55.05 +18 15.3 20.9	-0.90	- 3.2	0.6/09.0	64230
2003 UC ₇₆	2009 11 08.4	02 54.49 +25 43.0 20.0	-0.90	- 2.2	2.7/10.6	64211	2001 XS ₁₂₃	2009 11 08.6	02 55.05 +10 58.7 20.2	-1.04	- 2.1	2.2/07.5	64174
2006 AL	2009 11 08.4	02 54.52 -05 35.7 20.0	-0.87	- 2.6	7.2/03.1	64286	2006 EK ₅₄	2009 11 08.6	02 55.06 +25 18.3 20.4	-0.92	- 1.8	2.6/10.5	64295
2004 HN ₅₉	2009 11 08.4	02 54.53 +17 08.5 22.0	-1.04	- 3.8	0.2/08.6	95214	2006 KF ₃₁	2009 11 08.6	02 55.07 +16 35.8 21.0	-0.66	- 2.0	0.0/08.6	64296
2005 NW ₆₁	2009 11 08.4	02 54.53 +09 49.1 19.3	-0.94	- 3.2	3.4/07.0	64244	2006 FT ₂₅	2009 11 08.6	02 55.08 +16 37.6 20.6	-0.82	- 3.1	0.0/08.6	64295
2000 ET ₁₁₁	2009 11 08.5	02 54.47 +34 02.2 18.8	-0.97	- 2.6	6.0/12.7	64153	2008 GZ ₇₈	2009 11 08.6	02 55.09 +08 47.7 19.9	-0.90	- 8.8	3.0/06.5	64330
2006 WK ₁₇₈	2009 11 08.5	02 54.49 +17 05.4 20.5	-0.92	- 4.9	0.1/08.6	64300	2008 RA ₂₅	2009 11 08.6	02 55.13 +08 58.6 20.7	-0.74	- 5.1	1.9/06.7	47462
2007 GO ₂₇	2009 11 08.5	02 54.49 +02 58.4 20.0	-0.80	- 2.3	3.9/05.4	58566	2008 FN ₆₆	2009 11 08.6	02 55.15 +15 56.6 20.2	-1.07	- 3.1	0.3/08.5	64328
2007 CQ ₅₅	2009 11 08.5	02 54.50 +12 11.3 21.6	-0.98	- 4.2	1.5/07.5	18199	2007 GX ₆₅	2009 11 08.6	02 55.15 +05 17.5 19.8	-0.84	- 1.0	3.2/06.3	41872
2002 BN ₂	2009 11 08.5	02 54.51 +04 45.4 20.2	-0.89	- 3.7	4.3/05.8	17991	2006 XS ₉	2009 11 08.6	02 55.15 +16 20.3 20.6	-1.09	- 3.4	0.1/08.6	64300
1995 UE ₂₂	2009 11 08.5	02 54.54 +15 28.6 20.1	-1.04	- 5.6	0.4/08.2	64144	2003 SC ₁	2009 11 08.6	02 55.16 +18 11.0 20.0	-0.84	- 4.0	0.5/09.0	64206
2006 BO ₁₉₂	2009 11 08.5	02 54.55 +01 53.2 19.7	-0.78	- 3.9	4.6/04.9	64291	2002 JV ₂₆	2009 11 08.6	02 55.17 +08 58.5 20.4	-0.81	- 2.7	2.1/06.9	47215
2005 QA ₅₁	2009 11 08.5	02 54.55 +08 59.4 20.6	-1.01	- 4.2	2.8/06.8	62427	2002 XC ₄₅	2009 11 08.6	02 55.19 +03 21.1 18.8	-0.99	- 2.1	6.1/05.9	64198
2004 NJ ₁₄	2009 11 08.5	02 54.58 +08 13.3 19.4	-0.91	- 4.1	3.1/06.6	64220	2007 GK ₂₉	2009 11 08.6	02 55.21 +20 26.6 20.8	-0.88	- 1.5	1.0/09.5	62518
2007 DA ₅₂	2009 11 08.5	02 54.58 +08 20.5 20.7	-0.88	- 5.4	2.8/06.5	17755	2001 FD ₇₁	2009 11 08.6	02 55.24 +11 19.7 20.6	-0.77	- 2.9	1.4/07.4	47165
2007 GB ₅	2009 11 08.5	02 54.60 +06 43.8 20.9	-0.88	- 3.9	3.5/06.2	64318	2007 CY ₆₃	2009 11 08.6	02 55.27 +14 47.4 20.3	-1.03	- 3.7	0.7/08.3	19700
2004 XW ₁₅₅	2009 11 08.5	02 54.61 -07 16.9 21.0	-0.91	+ 1.1	7.0/03.7	89612	2008 GO ₁₀₉	2009 11 08.6	02 55.28 +11 55.5 22.4	-0.87	- 5.0	1.3/07.5	41923
2006 BN ₁₈₀	2009 11 08.5	02 54.62 +02 45.8 20.2	-0.80	- 3.3	4.3/05.2	41240	2006 EH ₂₆	2009 11 08.6	02 55.28 +03 50.0 20.8	-0.78	- 4.8	4.2/05.4	02305
2005 VT ₁₀	2009 11 08.5	02 54.63 +12 39.9 19.6	-0.90	- 5.7	1.7/07.5	64272	2005 QV ₁₄₆	2009 11 08.6	02 55.28 +16 17.1 19.0	-1.03	- 1.9	0.2/08.6	64250
2008 RE ₁₁₃	2009 11 08.5	02 54.67 +18 45.4 20.9	-0.53	- 2.8	0.4/09.1	64337	2008 HV ₃₅	2009 11 08.6	02 55.31 +11 27.4 19.9	-1.06	- 1.6	2.1/07.7	64332
2001 HW ₃₃	2009 11 08.5	02 54.68 +17 50.2 19.4	-0.91	0.0	0.3/08.8	64160	2008 PT ₆	2009 11 08.6	02 55.31 +19 40.8 20.3	-0.86	- 2.0	0.8/09.4	62541
2005 YV ₆₄	2009 11 08.5	02 54.71 +05 37.5 20.2	-0.95	- 1.8	4.4/06.2	02264	2008 TG ₁₄₂	2009 11 08.7	02 55.29 +18 41.2 20.4	-0.55	- 1.6	0.4/09.2	64338
2006 DE ₁₃₉	2009 11 08.5	02 54.74 -08 14.8 20.5	-0.76	- 4.5	7.9/01.8	64294	2007 HR ₁₁	2009 11 08.7	02 55.33 +12 32.6 20.2	-0.86	- 4.9	1.4/07.7	64320
2001 UC ₁₉₀	2009 11 08.5	02 54.75 +14 48.2 20.2	-0.93	- 7.5	0.8/08.1	64169	2004 TJ ₁₀₃	2009 11 08.7	02 55.34 +14 14.2 19.5	-0.83	- 9.1	0.8/08.0	63688
2005 UK ₅₁₂	2009 11 08.5	02 54.79 +17 24.8 20.7	-0.97	- 5.7	0.3/08.7	11148	1997 KD ₂	2009 11 08.7	02 55.34 +01 13.7 19.9	-0.76	- 8.0	5.5/04.4	64145
2007 GX ₃₀	2009 11 08.5	02 54.79 +15 25.9 20.6	-0.91	- 4.5	0.4/08.3	64318	2005 VE ₉₃	2009 11 08.7	02 55.35 +05 27.4 19.7	-0.97	+ 1.0	5.3/06.7	97971
2008 HD ₅	2009 11 08.5	02 54.79 +15 50.0 20.6	-1.09	- 3.3	0.3/08.4	64331	2007 FH ₁₅	2009 11 08.7	02 55.35 +16 20.4 21.0	-0.85	- 5.4	0.1/08.6	64317
2006 BE ₂₇₄	2009 11 08.5	02 54.80 +06 21.3 20.1	-0.79	- 2.8	3.0/06.2	41843	2006 CC ₃₆	2009 11 08.7	02 55.37 +41 20.0 20.6	-1.04	- 2.3	6.6/14.8	01312
1999 XO ₁₁₄	2009 11 08.5	02 54.82 +35 23.5 17.9	-1.01	- 2.9	7.3/13.3	64150	2002 SR ₂₁	2009 11 08.7	02 55.37 +12 43.5 19.1	-0.99	- 5.4	1.9/07.8	64192
2007 LS ₁₈	2009 11 08.5	02 54.83 -07 31.3 20.7	-0.81	- 3.0	6.8/02.6	64323	2004 TB ₂₂₅	2009 11 08.7	02 55.38 +12 25.9 20.3	-0.86	- 5.1	1.5/07.7	62408
1999 UJ ₁₈	2009 11 08.5	02 54.84 +14 07.9 19.9	-0.89	- 2.9	0.8/08.0	64149	2003 SF ₃₂₄	2009 11 08.7	02 55.40 +17 25.6 20.5	-0.81	- 4.4	0.2/08.9	64210
2004 XL ₁₄₁	2009 11 08.5	02 54.84 +08 45.4 18.7	-0.81	- 3.1	2.6/06.7	64239	2006 DO ₉₉	2009 11 08.7	02 55.41 +08 17.0 21.6	-0.80	- 4.4	2.5/06.6	01399
2004 FV ₁₃₄	2009 11 08.5	02 54.85 +23 12.5 20.2	-1.05	- 4.5	2.2/10.1	64218	2002 DY ₁₈	2009 11 08.7	02 55.42 +21 54.9 20.1	-1.03	- 0.3	1.6/09.7	64182
2007 DS ₄₉	2009 11 08.5	02 54.87 +27 34.3 20.4	-1.06	- 2.7	3.7/11.0	64308	2002 XX ₆₉	2009 11 08.7	02 55.43 +01 35.2 19.3	-1.05	- 1.4	5.5/05.6	20772
2004 RE ₇₉	2009 11 08.5	02 54.88 +16 03.3 19.8	-0.91	- 2.8	0.2/08.4	64224	2005 UM ₁₈₂	2009 11 08.7	02 55.53 +17 13.5 19.6	-0.94	- 6.2	0.2/08.9	64265
2008 LV ₅	2009 11 08.5	02 54.91 +03 37.6 21.2	-0.99	- 3.0	4.6/05.8	41926	2003 HG ₂₇	2009 11 08.7	02 55.56 +09 17.2 20.7	-0.88	- 3.6	2.3/07.1	41789
2005 YW ₁₄₄	2009 11 08.5	02 54.92 +11 24.7 20.6	-0.88	- 3.2	1.8/07.4	64283	2002 LG ₄₇	2009 11 08.7	02 55.58 -05 27.2 22.8	-0.73	- 3.4	5.1/03.3	41782
2005 TE ₁₁₇	2009 11 08.6	02 54.86 +15 56.2 20.7	-1.00	- 5.6	0.3/08.4	64259	2000 SZ ₁₇₃	2009 11 08.7	02 55.58 +40 14.2 20.3	-1.15	- 3.6	8.0/14.9	17920
2006 AU ₇₄	2009 11 08.6	02 54.86 +33 27.2 20.5	-0.84	- 4.7	3.9/13.0	21853	2001 QO ₅₂	2009 11 08.7	02 55.63 +12 35.8 18.7	-0.90	- 5.0	1.9/07.8	64161
2002 JL ₉₂	2009 11 08.6	02 54.87 +20 39.1 20.6	-0.81	- 5.6	1.1/09.6	64185	2000 EY ₁₄	2009 11 08.7	02 55.64 +00 48.6 18.4	-1.42	+ 4.6	7.0/06.6	64152
2005 BF ₁₈	2009 11 08.6	02 54.88 -13 26.0 18.3	-0.87	+ 2.5	11.4/02.9	64240	2000 HO ₇	2009 11 08.7	02 55.66 +14 44.4 20.1	-1.01	- 3.7	0.7/08.3	22669
1999 VJ ₁₈₅	2009 11 08.6	02 54.88 +08 58.4 19.6	-0.95	+ 0.3	2.7/07.2	64150	2005 QD ₁₆₀	2009 11 08.7	02 55.66 +24 49.5 18.2	-1.26	+ 0.3	3.9/10.3	64250
2007 HM ₁₈	2009 11 08.6	02 54.88 +10 43.3 21.0	-0.76	- 6.9	1.8/07.0	62520	2007 AK	2009 11 08.7	02 55.67 +47 47.1 21.3	-1.60	+ 2.8	9.3/14.3	21663
2003 TD ₅₄	2009 11 08.6	02 54.90 +14 49.5 19.7	-0.87	- 1.0	0.6/08.2	64211	2001 AO ₂₆	2009 11 08.7	02 55.68 +13 40.5 19.0	-0.85	- 1.9	0.8/08.1	47161
2005 QP ₁₃	2009 11 08.6	02 54.91 +06 51.7 19.5	-0.95	- 5.2	4.3/06.3	64247	2007 ED ₇₂	2009 11 08.7	02 55.70 +09 56.9 20.3	-0.95	- 5.1	2.9/07.2	17818
2005 QQ ₁₂₁	2009 11 08.6	02 54.97 +28 39.8 19.9	-1.17	- 3.5	4.7/11.3	64249	2007 HA ₄₁	2009 11 08.7	02 55.71 +09 13.8 20.1	-0.86	- 7.3	2.5/06.8	21688
2008 FP ₆₉	2009 11 08.6	02 54.97 +13 54.6 20.9	-1.05	- 3.3	1.0/08.0	41563	2005 YT ₂₀₈	2009 11 08.7	02 55.76 +41 27.2 18.1	-1.18	- 4.0	9.6/15.5	64285
2004 RR ₁₂₅	2009 11 08.6	02 54.98 +24 05.5 20.5	-0.97	- 3.8	2.6/10.4	64224	2004 TD ₉₃	2009 11 08.8	02 55.71 +16 46.1 19.4	-0.88	- 4.3	0.0/08.8	64231

2008 GC ₆₄	2009 11 08.8	02 55.71 +18 47.0 20.2	-1.29	+	2.7	0.7/09.1	63852
2007 EF ₈₇	2009 11 08.8	02 55.74 +10 12.1 20.4	-0.89	-	7.1	2.6/07.1	62512
2005 VX ₁₂₈	2009 11 08.8	02 55.77 +08 19.2 20.2	-0.94	-	6.1	3.2/06.7	26095
2007 HV ₅₈	2009 11 08.8	02 55.78 +01 40.6 20.7	-0.92	-	0.3	4.6/05.8	21690
1999 YJ ₁₀	2009 11 08.8	02 55.80 +16 53.9 19.4	-1.04	-	7.4	0.1/08.9	64151
2006 VC ₁₃₈	2009 11 08.8	02 55.89 +14 52.3 20.6	-1.12	-	4.6	0.8/08.4	64299
2000 DS ₁₀	2009 11 08.8	02 55.90 +15 57.4 19.4	-0.86	-	3.8	0.3/08.7	64152
2003 SQ ₁₉₃	2009 11 08.8	02 55.96 +32 08.9 19.2	-0.92	-	3.6	5.2/12.7	64209
2002 EM ₉₄	2009 11 08.8	02 56.01 +22 01.9 19.5	-0.98	-	2.8	1.9/10.0	64183
2001 SA ₂₉₉	2009 11 08.8	02 56.05 +26 10.8 19.7	-1.10	-	3.3	3.5/10.9	64165
2008 UH ₁₁	2009 11 08.8	02 56.06 +20 22.2 20.3	-0.56	-	2.0	0.7/09.8	50476
2005 VY ₁₂₇	2009 11 08.8	02 56.06 +14 13.3 21.0	-1.03	-	3.3	0.9/08.3	60850
2008 YV ₃₀	2009 11 08.8	02 56.07 +07 17.6 19.0	-0.55	-	1.4	1.8/06.6	64339
2004 EW ₈₂	2009 11 08.8	02 56.10 +08 24.9 20.5	-0.97	-	4.4	2.8/07.0	60800
2007 GM ₅₂	2009 11 08.8	02 56.14 +19 17.3 20.3	-0.94	-	2.8	0.9/09.5	19496
2002 DE ₇	2009 11 08.8	02 56.14 +22 12.7 18.3	-1.24	+	2.2	2.3/09.7	64182
2009 OQ ₁₅	2009 11 08.9	02 56.09 +18 34.8 19.5	-0.60	-	0.9	0.3/09.3	64343
2007 CZ ₆₂	2009 11 08.9	02 56.12 +28 14.7 20.2	-1.15	-	2.8	4.6/11.4	20849
2007 AQ ₁	2009 11 08.9	02 56.13 +14 47.3 20.3	-1.09	-	4.1	0.9/08.5	64302
2005 TQ ₁₉₀	2009 11 08.9	02 56.15 +14 08.7 20.6	-1.01	-	3.8	1.0/08.3	64260
2005 MT ₅	2009 11 08.9	02 56.15 +10 27.9 20.3	-1.07	-	3.7	2.6/07.6	39214
2004 FK ₃₅	2009 11 08.9	02 56.16 +16 57.4 20.6	-1.07	-	3.5	0.1/09.0	21810
2005 NG ₁₆	2009 11 08.9	02 56.20 +13 33.0 20.6	-1.07	-	3.1	1.4/08.3	64243
2008 KX ₃₀	2009 11 08.9	02 56.21 +06 18.9 21.4	-0.99	-	4.9	3.8/06.5	40627
2005 QP ₃	2009 11 08.9	02 56.21 +10 46.1 21.1	-1.03	-	5.5	2.2/07.5	39761
2008 JS ₆	2009 11 08.9	02 56.23 +12 08.3 21.6	-1.02	-	3.6	1.6/07.9	40611
2002 TZ ₂₄	2009 11 08.9	02 56.24 +21 44.8 19.6	-1.23	-	1.3	2.2/09.9	64193
2007 DE ₈₂	2009 11 08.9	02 56.27 +14 57.6 21.1	-1.00	-	4.7	0.7/08.5	41863
1999 VS ₇₆	2009 11 08.9	02 56.29 +12 42.0 20.1	-0.87	-	2.6	1.5/08.0	99925
2008 TE ₉₇	2009 11 08.9	02 56.29 +10 56.7 21.1	-0.51	-	4.1	1.0/07.4	50425
2007 EF ₄₈	2009 11 08.9	02 56.29 +17 53.6 19.9	-0.95	-	2.4	0.4/09.2	64312
2007 HE ₈₃	2009 11 08.9	02 56.31 +18 03.4 20.2	-0.90	-	5.9	0.4/09.3	64322
2007 FR ₄	2009 11 08.9	02 56.31 +19 43.5 19.4	-1.05	-	3.5	1.4/09.6	64317
2001 XW ₁₁₂	2009 11 08.9	02 56.35 +35 29.5 18.5	-1.18	-18.2	8.8/15.4	64174	
2000 QR ₁₅₆	2009 11 08.9	02 56.36 +40 07.3 18.6	-1.09	-	5.5	9.2/15.6	64154
2005 UC ₄₂₃	2009 11 08.9	02 56.36 +17 44.6 19.6	-1.04	-	2.3	0.4/09.2	64270
2004 FG ₉₆	2009 11 08.9	02 56.36 +06 31.5 19.9	-1.06	-	2.0	3.9/06.9	64217
2001 DW ₂₀	2009 11 08.9	02 56.36 -07 24.0 20.5	-0.74	-	2.7	5.9/03.0	64159
2007 GH ₂₈	2009 11 08.9	02 56.37 +05 42.5 21.5	-0.84	-	6.0	3.2/06.1	20865
2002 CB ₁₀₄	2009 11 08.9	02 56.37 +27 53.3 19.9	-1.04	-	2.7	3.7/11.4	64180
2002 XX ₁₁₇	2009 11 08.9	02 56.39 +02 02.8 19.5	-0.80	-	3.3	7.9/05.4	63652
2003 FW ₃₃	2009 11 08.9	02 56.39 +19 52.8 20.2	-1.02	-	2.0	1.1/09.6	18047
2005 XX ₇₈	2009 11 08.9	02 56.40 +31 48.6 18.3	-1.07	-	0.9	7.4/12.3	64280
2001 XS ₄₂	2009 11 08.9	02 56.42 +34 25.3 18.6	-1.14	-	1.6	7.0/12.8	64173
2006 EK ₄₀	2009 11 08.9	02 56.43 +16 31.1 20.7	-0.82	-	4.7	0.1/08.9	64295
2006 CT ₄₂	2009 11 08.9	02 56.45 +06 16.4 21.0	-0.78	-	5.2	3.2/06.3	64292
2005 XK ₇₉	2009 11 08.9	02 56.46 +04 36.0 19.4	-0.94	-	1.1	4.6/06.5	64280
2008 SG ₁₉₁	2009 11 08.9	02 56.49 +16 38.2 19.6	-0.54	-	3.2	0.0/09.0	64337
2008 SX ₂₇₆	2009 11 08.9	02 56.50 +30 43.8 21.1	-0.60	-	2.8	2.6/12.7	58167
2004 GV ₃₂	2009 11 08.9	02 56.54 +18 56.8 20.9	-1.03	-	4.4	0.7/09.5	60802
2002 RG ₂₂	2009 11 09.0	02 56.48 +23 39.3 18.9	-1.11	-	2.4	3.4/10.4	64190

2005 WP ₄₃	2009 11 09.0	02 56.48 +12 05.1 20.0	-0.99	-	1.4	1.6/08.1	64274
2003 QZ ₂	2009 11 09.0	02 56.48 +04 07.5 20.2	-0.78	-	4.8	4.0/05.8	41791
2000 GZ ₁₅₉	2009 11 09.0	02 56.49 +30 18.9 20.6	-1.17	-	2.1	4.6/11.8	64153
2006 DY ₃	2009 11 09.0	02 56.50 -01 06.8 20.1	-0.78	-	4.9	5.3/04.3	47389
2005 XN ₃₆	2009 11 09.0	02 56.52 +04 04.6 19.5	-0.99	-	0.1	4.8/06.5	19675
2006 DJ ₁₂	2009 11 09.0	02 56.52 +16 42.4 20.7	-0.80	-	3.4	0.0/09.0	64292
2008 SZ ₂₂₉	2009 11 09.0	02 56.53 +14 32.8 19.7	-0.52	-	3.6	0.4/08.4	64338
2007 GB ₄₀	2009 11 09.0	02 56.55 +13 37.0 20.2	-0.87	-	4.9	1.2/08.2	64319
2007 HK ₇₀	2009 11 09.0	02 56.55 +12 16.1 20.1	-0.86	-	4.7	1.5/07.9	62520
2001 QR ₁₁₆	2009 11 09.0	02 56.56 +43 43.2 19.0	-1.33	-	3.0	11.1/16.3	64161
2005 WU ₁₁₅	2009 11 09.0	02 56.56 +05 01.8 19.4	-0.87	-	6.7	4.7/05.9	64276
2008 PE ₁₁	2009 11 09.0	02 56.61 +19 11.7 19.8	-0.92	-	1.2	0.7/09.5	64335
2003 EQ ₁₁	2009 11 09.0	02 56.64 +05 58.9 22.0	-0.82	-	4.6	2.8/06.4	62369
2003 SD ₁₄₄	2009 11 09.0	02 56.67 +23 17.9 19.2	-0.99	+	0.5	2.0/10.3	64208
2006 YZ ₅₁	2009 11 09.0	02 56.68 +29 22.7 20.8	-1.09	-	4.9	4.6/12.1	24143
2008 EU ₁₅	2009 11 09.0	02 56.69 +11 40.8 20.3	-1.07	-	4.6	2.2/07.9	38992
2008 RG ₁₁₃	2009 11 09.0	02 56.71 +24 05.2 20.2	-0.58	-	2.7	1.5/10.9	50202
2003 FD ₄₃	2009 11 09.0	02 56.75 +42 13.3 19.1	-1.45	+	2.6	9.3/13.5	41788
2006 FV ₃₀	2009 11 09.0	02 56.78 +14 19.4 19.9	-0.84	-	3.3	0.8/08.5	64295
2007 HN ₄₉	2009 11 09.0	02 56.81 +07 50.5 20.1	-0.75	-	7.9	2.5/06.6	47431
2006 YY ₃₇	2009 11 09.0	02 56.88 +17 56.2 19.8	-1.13	-	2.6	0.5/09.3	64302
2002 AR ₈₈	2009 11 09.0	02 56.88 +11 38.9 19.5	-0.91	-	5.3	2.0/07.8	64178
2001 CK ₂₁	2009 11 09.0	02 56.90 +31 29.3 19.1	-1.04	-	2.1	5.9/12.2	02028
2003 UH ₃₁₃	2009 11 09.0	02 56.93 +13 13.9 20.5	-0.80	-	4.6	1.1/08.2	64212
2007 DJ ₇₇	2009 11 09.0	02 56.94 +31 49.1 20.4	-1.19	-	1.1	5.3/12.1	20850
2008 HJ ₄₄	2009 11 09.1	02 56.89 +14 35.4 20.6	-1.04	-	4.6	0.8/08.6	64332
2004 TP ₂₀₈	2009 11 09.1	02 56.91 +27 17.6 19.5	-1.00	-	2.4	3.7/11.4	64233
2004 TK ₈₂	2009 11 09.1	02 56.93 +23 50.5 20.6	-0.97	-	2.8	2.4/10.7	18101
2004 RA ₁₀₈	2009 11 09.1	02 56.95 +05 02.5 18.9	-0.83	-	6.2	4.3/06.0	64224
2007 DD ₁₁₀	2009 11 09.1	02 56.98 +03 14.9 21.1	-0.82	-	5.8	4.1/05.6	40177
2005 QL ₆₂	2009 11 09.1	02 57.03 +27 25.3 20.2	-1.14	-	1.8	4.8/11.3	63717
2005 VV ₁₂₃	2009 11 09.1	02 57.07 +12 23.3 18.9	-0.91	-	5.9	1.7/08.0	64273
2006 AH ₁₈	2009 11 09.1	02 57.07 +28 29.0 19.3	-1.01	-	4.0	4.0/11.8	64286
2002 GE ₁₀₇	2009 11 09.1	02 57.17 +03 42.1 20.0	-0.86	-	4.2	4.3/06.0	47213
2005 QX ₁₅₀	2009 11 09.1	02 57.19 +25 10.6 19.7	-1.13	-	1.6	3.6/10.8	64250
2007 DQ ₉₄	2009 11 09.1	02 57.20 +24 06.4 20.5	-1.11	-	2.2	2.5/10.6	64310
2002 FS ₄	2009 11 09.1	02 57.21 +52 30.5 21.7	-1.24	-	3.9	8.4/19.2	74161
2003 HJ ₄₂	2009 11 09.1	02 57.21 -01 49.1 20.8	-0.88	-	4.4	6.1/04.6	41789
2001 WP ₇	2009 11 09.1	02 57.22 +06 31.8 18.4	-0.96	-	0.9	4.8/07.2	64171
2004 CO ₅₆	2009 11 09.1	02 57.23 +23 49.8 19.7	-1.14	-	3.3	2.6/10.7	64215
2007 LV ₃₃	2009 11 09.1	02 57.24 +05 20.4 19.6	-0.75	-	9.1	3.2/05.8	64323
2004 RB ₄₁	2009 11 09.1	02 57.27 +13 50.2 19.8	-0.90	-	4.4	1.1/08.5	64223
2004 VN ₆₉	2009 11 09.1	02 57.31 +09 12.4 19.8	-0.89	-	0.7	2.4/07.7	64236
2007 GM ₃	2009 11 09.1	02 57.32 +12 42.5 19.9	-0.84	-	6.8	1.2/08.1	62517
2004 LO ₁₇	2009 11 09.1	02 57.34 +00 28.1 19.1	-1.03	+	0.5	5.8/06.4	64220
2005 YG ₁₀₈	2009 11 09.1	02 57.35 +15 03.4 19.7	-0.88	-	4.7	0.8/08.8	64282
2001 OB ₁	2009 11 09.1	02 57.36 +05 12.2 20.9	-1.02	-	3.1	4.8/06.8	37925
2003 QG ₁₀	2009 11 09.2	02 57.33 -11 24.1 19.7	-0.78	-	3.3	9.1/02.3	63657
2008 GQ ₁₀₆	2009 11 09.2	02 57.39 +06 07.5 22.2	-1.03	-	4.5	4.0/06.8	40212
2007 GZ ₆₅	2009 11 09.2	02 57.42 +10 35.6 19.8	-0.93	+	0.7	1.6/08.1	64319
2009 UW ₈₈	2009 11 09.2	02 57.42 +22 53.7 19.1	-1.05	-	3.5	2.8/10.6	64078

2005 YZ ₂₂₇	2009 11 09.2	02 57.48 +21 13.7 20.1	-0.92 - 4.8	1.5/10.3	64285
2008 TB ₆₁	2009 11 09.2	02 57.50 +03 18.1 19.6	-0.55 - 1.1	2.6/06.0	64338
2005 UN ₁₄₈	2009 11 09.2	02 57.52 +18 38.9 19.6	-0.97 - 4.5	0.8/09.7	64264
2002 RP ₂₈₀	2009 11 09.2	02 57.53 +23 04.5 19.5	-1.06 - 5.7	2.9/10.7	64192
2006 AB ₁₂	2009 11 09.2	02 57.55 +13 45.7 20.3	-0.88 - 3.3	1.0/08.6	64286
2000 YV ₁₀₆	2009 11 09.2	02 57.57 -19 37.6 19.2	-1.21 + 7.6	14.7/04.1	64158
2005 WY ₁₈₈	2009 11 09.2	02 57.59 +10 42.3 18.8	-0.91 - 3.3	2.7/07.9	64278
2002 NL ₅₇	2009 11 09.2	02 57.60 +15 39.9 21.3	-0.77 - 4.2	0.3/09.0	64187
2007 EW ₉₈	2009 11 09.2	02 57.63 +07 23.0 21.0	-0.89 - 4.3	3.3/07.0	26257
2004 HZ ₅₇	2009 11 09.2	02 57.65 +17 55.1 19.0	-1.12 - 0.7	0.5/09.5	64219
2008 EN ₁₂₇	2009 11 09.2	02 57.66 +35 43.6 20.3	-1.82 + 5.7	8.7/11.5	43298
2000 ET ₁₅₂	2009 11 09.2	02 57.68 +11 51.0 20.4	-1.03 - 4.0	1.9/08.2	16135
2005 WY ₁₉₅	2009 11 09.2	02 57.70 +09 08.5 19.4	-0.93 - 1.6	3.1/07.7	64278
2007 EB ₅₈	2009 11 09.2	02 57.71 +20 38.4 18.8	-0.99 - 4.2	1.9/10.2	64312
2000 TV ₅₁	2009 11 09.2	02 57.72 +29 26.2 18.8	-1.19 + 0.8	4.7/11.5	64157
2002 LS ₂₂	2009 11 09.2	02 57.73 -04 45.0 19.8	-0.98 + 2.6	6.3/05.8	21317
2005 UX ₅₈	2009 11 09.2	02 57.75 +19 30.1 20.0	-0.97 - 6.3	1.0/09.9	64262
2004 VO ₅₈	2009 11 09.2	02 57.75 +25 10.2 19.2	-0.87 - 6.4	2.8/11.5	64235
2005 VP ₁₁₄	2009 11 09.3	02 57.68 +14 52.4 18.7	-1.24 + 6.0	1.0/09.1	63758
2005 QN ₁₅₈	2009 11 09.3	02 57.69 +11 13.0 20.7	-1.04 - 3.4	2.3/08.1	58507
2008 RY ₂₇	2009 11 09.3	02 57.71 +00 20.9 20.5	-0.77 - 3.8	4.7/05.3	46654
2005 YS ₃₂	2009 11 09.3	02 57.71 +12 33.0 20.1	-0.86 - 3.7	1.4/08.3	64281
2001 XM ₂₂₃	2009 11 09.3	02 57.72 +11 10.5 18.8	-1.17 + 3.4	2.5/08.5	64175
2004 NM	2009 11 09.3	02 57.75 +48 07.5 20.4	-1.37 - 2.4	9.2/16.9	59726
2005 WK ₃₄	2009 11 09.3	02 57.77 +24 20.7 18.8	-0.91 - 6.2	3.4/11.2	63762
2006 DJ ₂₀₀	2009 11 09.3	02 57.80 -06 21.3 20.8	-0.73 - 4.1	6.0/03.2	02302
2001 RT ₁₁₄	2009 11 09.3	02 57.84 +22 38.1 19.5	-1.10 - 1.7	2.4/10.5	64163
1996 VP ₁₇	2009 11 09.3	02 57.87 +15 07.8 20.3	-1.01 - 0.7	0.6/09.0	64145
2001 YS ₁₄₉	2009 11 09.3	02 57.91 +25 55.1 18.9	-1.06 - 1.9	4.0/11.2	64177
2004 TQ ₂₃₀	2009 11 09.3	02 57.91 +15 52.9 20.9	-0.91 - 2.9	0.3/09.1	19641
2003 SE ₃₃₃	2009 11 09.3	02 57.93 +08 22.9 21.2	-0.80 - 4.4	2.5/07.3	20319
2006 BS ₂₅₅	2009 11 09.3	02 57.95 +27 14.7 19.8	-0.96 - 4.8	4.0/11.9	02283
2005 TC ₁₉₅	2009 11 09.3	02 57.96 +12 46.6 20.9	-1.02 - 3.9	1.6/08.4	59476
2008 KZ ₃	2009 11 09.3	02 57.97 +12 51.2 20.5	-0.97 - 6.7	1.5/08.4	64334
2007 EQ ₂₀₃	2009 11 09.3	02 57.99 +05 10.4 21.1	-0.89 - 4.8	3.9/06.5	41868
2003 SL ₂₃₄	2009 11 09.3	02 58.00 +07 46.8 19.3	-0.78 - 3.6	3.0/07.2	64209
2002 RQ ₈₇	2009 11 09.3	02 58.00 +22 24.0 18.3	-1.11 - 2.1	2.7/10.5	64191
2003 QE ₁₁₄	2009 11 09.3	02 58.01 +07 17.5 19.8	-0.77 - 6.0	3.0/06.8	64206
2007 BJ ₄₅	2009 11 09.3	02 58.01 +19 48.8 21.8	-1.03 - 4.6	1.0/10.0	56087
2007 ET ₁₂₆	2009 11 09.3	02 58.02 +16 19.6 20.9	-0.95 - 4.2	0.2/09.2	64314
2006 BF ₁₃₀	2009 11 09.3	02 58.06 +02 44.3 21.3	-0.75 - 4.2	4.0/05.9	43255
2007 GR ₆₉	2009 11 09.3	02 58.08 +16 22.9 19.6	-0.91 - 3.8	0.2/09.3	64320
2005 WN ₈	2009 11 09.3	02 58.09 +23 23.8 19.7	-0.80 -13.8	3.0/11.5	97978
2009 SA ₁₀₈	2009 11 09.3	02 58.09 +09 56.6 18.9	-0.75 -10.5	2.4/07.3	63982
2001 VM ₃₃	2009 11 09.3	02 58.10 +06 49.1 18.2	-1.25 + 6.8	4.6/08.3	64169
2003 QD ₁₁₄	2009 11 09.3	02 58.11 +23 08.5 19.2	-0.84 - 5.3	2.1/11.0	64206
2005 QG ₅₄	2009 11 09.3	02 58.12 +15 52.9 19.8	-1.04 - 5.1	0.4/09.2	64248
2006 BY ₂₇₆	2009 11 09.3	02 58.14 +38 31.2 20.4	-1.02 - 2.7	6.6/14.8	47386
2002 CS ₂₅₅	2009 11 09.3	02 58.17 +31 19.0 19.3	-1.07 - 2.1	5.4/12.5	64181
2002 HE ₉	2009 11 09.4	02 58.08 +13 28.8 19.6	-0.97 - 1.2	1.1/08.7	64185
2004 NY ₆	2009 11 09.4	02 58.13 +26 03.3 18.8	-0.96 - 5.8	3.6/11.8	64220

2005 YA ₂₀₂	2009 11 09.4	02 58.15 +13 52.3 20.1	-0.89 - 4.3	1.1/08.7	56038
2004 TO ₈₇	2009 11 09.4	02 58.19 +21 58.8 20.6	-0.98 - 2.0	1.7/10.5	64230
2000 SR ₃₆₄	2009 11 09.4	02 58.26 +13 48.1 18.1	-1.14 + 4.1	1.4/09.0	64156
2002 TW ₁₂₅	2009 11 09.4	02 58.26 +05 53.7 19.3	-1.06 - 3.5	4.7/07.1	58439
2007 BK ₄₀	2009 11 09.4	02 58.27 +26 44.3 20.6	-1.13 - 4.6	4.1/11.7	47417
2005 QJ ₆₂	2009 11 09.4	02 58.30 +14 49.3 20.0	-1.04 - 4.0	0.9/09.0	63717
2005 WM ₁₆₆	2009 11 09.4	02 58.30 +06 15.7 19.9	-0.92 - 1.8	4.0/07.2	19673
2007 DA ₃₂	2009 11 09.4	02 58.32 +20 10.2 20.9	-1.08 - 3.6	1.3/10.1	20849
2005 QG ₄₄	2009 11 09.4	02 58.38 +13 12.7 19.8	-1.04 - 4.1	1.6/08.7	64247
2007 DH ₁₉	2009 11 09.4	02 58.39 +13 09.1 20.5	-1.02 - 4.5	1.5/08.6	64307
2008 HL ₂₇	2009 11 09.4	02 58.43 +06 15.5 20.6	-0.96 - 1.7	3.8/07.4	50126
2004 EX ₂₁	2009 11 09.4	02 58.43 +10 55.5 20.1	-1.02 - 4.3	2.2/08.1	60799
2002 RW ₂₇₄	2009 11 09.4	02 58.46 +21 21.4 19.1	-1.00 - 1.2	2.4/10.4	64192
2003 GN ₈	2009 11 09.4	02 58.49 +19 43.5 21.1	-1.00 - 3.1	0.9/10.1	64203
2004 RE ₂₃₅	2009 11 09.4	02 58.51 -05 56.6 19.4	-0.78 - 9.0	8.2/02.7	64226
2002 AV ₁₆₂	2009 11 09.4	02 58.55 +07 28.8 19.4	-0.92 - 5.0	3.7/07.2	00138
2002 ED ₁₉	2009 11 09.5	02 58.52 +26 45.4 19.2	-0.95 - 6.3	3.2/12.0	64182
2006 WP ₁₈₂	2009 11 09.5	02 58.55 +07 00.4 20.7	-1.07 - 3.0	4.0/07.5	39271
2003 RG ₃	2009 11 09.5	02 58.58 +22 18.0 18.5	-0.89 - 2.9	2.0/10.7	64206
2008 TN ₄₉	2009 11 09.5	02 58.58 +10 14.8 20.2	-0.52 - 3.6	1.3/07.8	64338
2003 GJ ₅₇	2009 11 09.5	02 58.59 +06 39.2 19.8	-0.52 - 1.3	1.8/07.1	63656
2002 XD ₁₀₅	2009 11 09.5	02 58.61 +13 24.7 19.3	-1.05 - 1.4	1.7/08.8	64199
2002 JC ₁₀₁	2009 11 09.5	02 58.65 -09 09.0 21.1	-0.75 - 3.4	6.6/03.1	47216
2005 QH ₅₇	2009 11 09.5	02 58.66 +18 46.9 20.2	-1.07 - 4.3	0.8/09.9	64248
2003 FF ₁₃₂	2009 11 09.5	02 58.66 +14 29.9 22.3	-0.92 - 4.8	0.8/09.0	31259
2008 SH ₂₂₉	2009 11 09.5	02 58.66 +25 04.8 20.0	-0.59 - 2.4	1.7/11.6	50337
2003 SQ ₄₂₇	2009 11 09.5	02 58.69 +22 26.1 20.6	-0.92 - 0.7	1.6/10.7	64210
2003 SQ ₁₄₁	2009 11 09.5	02 58.70 +19 04.1 18.9	-0.79 - 5.5	0.7/10.1	63663
2002 QW ₉₇	2009 11 09.5	02 58.70 +41 00.4 19.7	-1.02 - 2.5	7.0/15.3	13922
2004 CV ₇₂	2009 11 09.5	02 58.72 -00 27.9 20.3	-0.64 - 2.4	4.1/05.3	64215
2005 QL ₅₅	2009 11 09.5	02 58.74 +18 41.5 18.9	-1.06 - 2.0	0.8/09.9	64248
2006 XN ₇₃	2009 11 09.5	02 58.75 +08 24.0 19.0	-0.92 - 4.1	3.2/07.6	64301
2005 EX ₂₆₂	2009 11 09.5	02 58.76 +19 55.3 20.5	-0.67 - 2.9	0.6/10.3	47347
2007 GK	2009 11 09.5	02 58.80 +09 45.2 21.3	-0.86 - 6.9	2.2/07.7	20861
2002 CT ₂₅₁	2009 11 09.5	02 58.84 +36 41.4 19.5	-1.08 - 3.6	6.4/14.3	64181
2003 SJ ₇₉	2009 11 09.5	02 58.84 +12 34.1 19.2	-0.75 - 7.1	1.6/08.4	63661
1997 CD ₁₃	2009 11 09.5	02 58.86 +09 23.6 19.4	-0.99 - 3.7	3.7/07.9	64145
2003 UX ₄₂	2009 11 09.5	02 58.88 +08 28.9 20.7	-0.76 - 5.1	2.5/07.4	41800
2007 CA ₆₃	2009 11 09.5	02 58.90 +16 19.4 20.7	-1.03 - 5.1	0.2/09.4	20849
2001 XH ₁₀₃	2009 11 09.5	02 58.94 +34 15.3 19.0	-1.26 -14.6	7.7/14.9	40672
2007 BN ₇₄	2009 11 09.5	02 58.94 +21 38.4 20.3	-1.10 - 3.5	2.2/10.6	64305
2008 FL ₆₅	2009 11 09.6	02 58.88 +12 59.8 22.1	-1.06 - 5.0	1.4/08.7	39026
2003 TA ₄₂	2009 11 09.6	02 58.90 +18 59.5 19.9	-0.82 - 4.2	0.6/10.1	59712
2001 EJ ₁₄	2009 11 09.6	02 58.90 +01 25.3 19.8	-0.80 - 1.9	4.3/06.2	43119
2005 UH ₃₁₁	2009 11 09.6	02 58.92 +13 52.3 20.0	-0.93 - 9.5	1.1/08.8	63747
2004 CN ₈₃	2009 11 09.6	02 58.99 +16 08.8 20.9	-0.66 - 2.7	0.2/09.4	47290
2003 FG ₁₂₆	2009 11 09.6	02 59.01 +21 05.0 19.9	-1.01 - 3.6	1.5/10.5	64203
2000 QM ₁₉₇	2009 11 09.6	02 59.01 +28 12.1 19.8	-1.07 - 3.5	4.0/12.2	64154
2005 UK ₅₁₃	2009 11 09.6	02 59.01 +18 00.4 20.8	-1.01 - 4.7	0.4/09.9	64271
2008 HU ₃₅	2009 11 09.6	02 59.05 +13 48.9 20.6	-1.19 - 1.2	1.2/09.1	40217
2007 CK ₅₇	2009 11 09.6	02 59.07 +08 47.7 20.7	-1.07 - 2.6	3.2/07.9	60887

2005 QY ₄₄	2009 11 09.6	02 59.07 +27 16.0 19.7	-1.16	- 2.6	4.4/11.8	63716
2004 XG ₁₈₀	2009 11 09.6	02 59.07 +31 41.7 19.0	-0.90	- 5.3	4.9/13.5	64239
2001 XB ₃₈	2009 11 09.6	02 59.08 +20 14.4 17.7	-1.22	+ 3.6	1.5/10.1	64173
2005 TF ₁₂₅	2009 11 09.6	02 59.09 +17 20.7 19.5	-0.88	- 5.0	0.2/09.7	64259
2006 BN ₅₀	2009 11 09.6	02 59.09 +39 30.6 20.6	-1.09	- 2.9	7.5/15.0	53466
2008 RS ₁₂₂	2009 11 09.6	02 59.10 +04 20.9 19.8	-0.51	- 2.6	2.4/06.4	64337
2002 GX ₄₈	2009 11 09.6	02 59.11 +10 07.1 20.1	-0.83	- 6.6	2.1/07.9	64184
2004 TB ₈₆	2009 11 09.6	02 59.13 +13 03.0 19.6	-0.86	- 4.9	1.5/08.7	64230
2003 QL ₁₁₄	2009 11 09.6	02 59.17 +27 36.8 20.4	-0.91	- 2.8	3.3/12.1	64206
2007 ED ₁₅₃	2009 11 09.6	02 59.18 +00 05.8 20.4	-0.86	- 4.5	5.9/05.6	17844
2003 AR ₆₁	2009 11 09.6	02 59.18 +21 29.9 18.8	-0.94	- 8.6	2.1/10.9	63653
2003 SA ₁₂	2009 11 09.6	02 59.19 +09 15.3 19.5	-0.79	- 4.0	2.8/07.8	64206
2006 BA ₂₀₄	2009 11 09.6	02 59.25 +01 23.3 21.0	-0.81	- 3.0	4.8/06.0	26129
2004 PP ₂₁	2009 11 09.6	02 59.26 +10 00.1 20.8	-0.93	- 3.8	2.4/08.1	21813
2005 QJ ₂₀	2009 11 09.6	02 59.28 +33 12.4 19.0	-1.10	- 2.2	8.3/13.6	63714
2003 HZ ₃₂	2009 11 09.6	02 59.28 +10 50.9 20.6	-0.83	- 6.7	1.7/08.1	40115
2003 SS ₂₃	2009 11 09.6	02 59.29 +18 26.3 20.5	-0.85	- 3.3	0.5/10.0	64207
2005 XG ₈₆	2009 11 09.6	02 59.32 +22 39.5 19.6	-0.96	- 4.7	2.2/11.0	64280
2008 GR ₁₁₀	2009 11 09.6	02 59.34 +01 50.7 19.2	-1.63	+ 8.9	7.6/08.5	63855
1999 FC ₇₇	2009 11 09.6	02 59.34 +09 48.8 20.3	-0.96	- 4.1	2.7/08.1	17899
2005 SD ₂₅₅	2009 11 09.6	02 59.35 +21 59.0 20.1	-1.09	- 4.5	1.9/10.8	39234
2000 SM ₄₇	2009 11 09.6	02 59.35 +14 27.0 18.9	-0.91	- 7.9	0.9/09.0	64155
2004 RG ₂₇₃	2009 11 09.7	02 59.29 +17 15.5 20.9	-0.94	- 3.4	0.1/09.8	64227
2006 GT ₃₉	2009 11 09.7	02 59.29 +10 46.4 19.3	-0.91	+ 0.5	1.8/08.5	64295
2009 OV ₂	2009 11 09.7	02 59.31 -39 37.1 17.9	-0.75	+17.9	32.5/03.0	64342
2007 RN ₉₉	2009 11 09.7	02 59.32 +07 44.1 21.0	-0.50	- 2.7	1.7/07.3	58091
2007 CC ₄₆	2009 11 09.7	02 59.36 +36 28.8 19.7	-1.13	- 4.9	6.7/14.7	22874
2006 DT ₉₃	2009 11 09.7	02 59.37 +06 13.9 20.6	-0.77	- 5.2	3.3/07.0	26136
2003 FF ₆₁	2009 11 09.7	02 59.38 +11 03.5 20.0	-0.97	- 3.5	2.1/08.4	19596
2004 RS ₁₅₅	2009 11 09.7	02 59.40 +13 40.1 19.0	-0.87	- 6.5	1.2/08.9	64225
2003 SY ₂₈₁	2009 11 09.7	02 59.42 +00 39.1 20.3	-0.73	- 9.9	5.2/04.7	03529
2001 WO ₇₀	2009 11 09.7	02 59.43 +13 02.7 20.2	-1.07	- 0.1	1.5/09.0	64172
2006 BY ₂₁₉	2009 11 09.7	02 59.46 +20 52.0 19.0	-0.93	- 4.9	1.5/10.7	64291
2000 SK ₁₆₃	2009 11 09.7	02 59.47 +18 21.7 20.7	-0.95	- 4.9	0.5/10.1	74826
2004 SE ₁₃	2009 11 09.7	02 59.49 +15 17.0 19.3	-0.95	- 1.9	0.6/09.4	64228
2006 DS ₁₇₆	2009 11 09.7	02 59.49 +08 09.0 21.2	-0.78	- 3.6	2.5/07.6	01433
1997 TV ₁₉	2009 11 09.7	02 59.49 +18 39.8 20.6	-0.57	- 2.5	0.3/10.2	64145
2004 RK ₂₅	2009 11 09.7	02 59.54 +21 04.7 19.8	-0.97	- 3.6	1.4/10.7	64223
2005 AJ ₆₈	2009 11 09.7	02 59.54 -08 26.5 21.0	-0.76	- 4.4	6.8/02.7	77804
2008 RL ₁₁₀	2009 11 09.7	02 59.63 +10 17.8 20.8	-0.52	- 3.2	1.3/08.0	47475
2005 WV ₁₉₄	2009 11 09.7	02 59.65 +10 21.2 18.9	-0.86	-11.4	2.7/07.8	64278
2008 GN ₁₁₇	2009 11 09.7	02 59.71 +07 16.0 19.9	-0.96	- 3.9	4.0/07.7	40763
2004 QJ ₁₂	2009 11 09.7	02 59.72 +01 58.4 19.9	-0.96	0.0	5.5/07.0	64222
2007 EH ₂₁₄	2009 11 09.7	02 59.78 +19 19.6 20.6	-1.04	- 4.1	0.8/10.3	20582
2008 FK ₅	2009 11 09.7	02 59.79 +36 44.1 19.7	-2.02	+ 9.1	10.1/11.4	51068
2003 SW ₂₉₅	2009 11 09.8	02 59.71 +23 11.3 19.1	-0.84	- 6.2	2.0/11.4	64210
2008 FV ₂₇	2009 11 09.8	02 59.73 +19 06.1 19.0	-1.91	+14.1	1.1/09.9	64327
2002 VY ₂₆	2009 11 09.8	02 59.78 +17 21.3 18.8	-1.15	+ 0.2	0.2/09.9	64196
2005 UN ₃₃₄	2009 11 09.8	02 59.83 +12 20.9 20.7	-1.01	- 2.0	2.1/08.9	22801
2000 DV ₆₀	2009 11 09.8	02 59.88 +13 49.2 20.6	-1.03	- 4.2	1.2/09.1	64152
2005 QJ ₅₈	2009 11 09.8	02 59.89 +26 39.7 19.0	-1.13	- 1.1	4.4/11.7	63716

2005 YV ₁₈₈	2009 11 09.8	02 59.91 +10 00.3 20.1	-0.90	- 2.6	2.6/08.3	98065
2008 TK ₈₂	2009 11 09.8	02 59.96 +23 59.6 20.2	-0.58	- 1.8	1.3/11.5	64338
2008 TF ₉₁	2009 11 09.8	03 00.00 +19 56.5 20.3	-0.56	- 1.8	0.6/10.6	59813
2004 RH ₁₁₃	2009 11 09.8	03 00.01 +07 35.3 20.9	-0.86	- 5.6	3.1/07.5	19625
2003 BB ₃₅	2009 11 09.8	03 00.02 +08 27.7 19.6	-0.69	- 3.0	2.4/07.8	64200
1999 ER ₇	2009 11 09.8	03 00.03 +11 12.1 18.7	-0.95	- 4.3	2.2/08.5	64148
2003 WW ₁₈₉	2009 11 09.8	03 00.03 +46 42.3 19.0	-1.07	- 2.6	10.0/17.7	64213
2005 WQ ₁₈₃	2009 11 09.8	03 00.03 +14 15.6 19.3	-1.15	+ 2.8	1.1/09.5	19254
2007 EJ ₂₀₃	2009 11 09.8	03 00.05 +12 18.3 19.7	-0.92	- 3.5	1.8/08.8	64316
2007 GM ₅₁	2009 11 09.8	03 00.07 +00 34.9 19.7	-0.94	+ 0.4	5.2/06.8	41871
2004 JB ₄₁	2009 11 09.8	03 00.08 +04 51.5 20.2	-0.91	- 6.4	4.1/06.9	40124
2007 EL ₈₅	2009 11 09.8	03 00.09 +07 21.2 20.0	-0.86	- 9.3	3.6/07.2	64313
2005 NM ₇₈	2009 11 09.8	03 00.13 +10 42.9 19.9	-1.04	- 4.0	2.8/08.5	64244
2005 QF ₁₈	2009 11 09.8	03 00.14 +13 15.7 19.4	-0.94	- 4.1	1.8/09.0	64247
2004 SR ₃₅	2009 11 09.8	03 00.14 -01 19.3 19.2	-0.78	- 7.6	6.4/04.7	64228
1994 AL ₇	2009 11 09.8	03 00.16 +21 00.5 19.8	-1.04	- 5.0	2.0/10.8	64143
2006 BX ₄₄	2009 11 09.9	03 00.09 +12 31.6 20.1	-0.81	- 3.9	1.4/08.8	64288
2004 XU ₅₄	2009 11 09.9	03 00.09 +24 23.9 19.1	-0.84	- 5.5	2.2/11.8	64237
2000 HT ₄₂	2009 11 09.9	03 00.09 +08 41.0 19.9	-0.78	- 9.7	2.4/07.4	62305
2004 RU ₂₃₆	2009 11 09.9	03 00.10 +12 22.4 20.5	-0.87	- 5.7	1.6/08.7	64226
1998 QA ₁₀₃	2009 11 09.9	03 00.11 +33 25.8 18.5	-1.14	+ 0.6	6.3/13.2	64146
2003 HS ₃₈	2009 11 09.9	03 00.12 +27 36.8 20.3	-0.97	- 6.3	3.1/12.6	64204
2007 HA ₇₃	2009 11 09.9	03 00.15 +13 49.9 21.5	-0.84	- 3.8	1.0/09.2	40711
2007 DL ₈₁	2009 11 09.9	03 00.16 +09 22.7 20.3	-0.96	- 5.6	3.2/08.1	41321
2007 HF ₂₀	2009 11 09.9	03 00.17 +14 25.3 20.8	-0.89	- 5.5	0.9/09.3	64320
2001 WV ₅₆	2009 11 09.9	03 00.20 +18 05.6 19.3	-1.02	- 2.6	0.4/10.1	64172
2000 WB ₁₇₇	2009 11 09.9	03 00.22 +08 57.2 19.7	-0.92	- 1.2	3.4/08.3	64158
2005 AD ₃₈	2009 11 09.9	03 00.24 +16 51.6 19.2	-0.81	- 4.8	0.1/09.9	63702
2006 BJ ₅₉	2009 11 09.9	03 00.26 -02 39.2 21.7	-0.74	- 3.4	5.1/05.1	98101
2007 GR ₅₆	2009 11 09.9	03 00.27 +04 46.9 20.5	-0.75	- 5.9	3.7/06.8	40711
2003 KL ₃	2009 11 09.9	03 00.31 -02 14.3 20.4	-0.98	0.0	6.9/06.2	19601
2003 UN ₆₄	2009 11 09.9	03 00.32 +23 26.5 19.1	-1.20	+ 4.8	2.2/10.8	63669
2003 SV ₂₄₁	2009 11 09.9	03 00.35 +22 21.1 19.1	-0.87	- 2.3	1.8/11.1	64209
2004 QU ₂₈	2009 11 09.9	03 00.37 +05 51.3 20.2	-0.56	- 2.1	2.5/07.3	63679
2002 SE ₅₄	2009 11 09.9	03 00.37 +17 14.4 18.4	-0.89	- 9.4	0.1/10.0	63637
2003 SH ₃₀₉	2009 11 09.9	03 00.37 +23 18.1 19.3	-0.88	- 3.4	2.0/11.4	64210
2000 NH ₈	2009 11 09.9	03 00.38 +17 40.5 21.3	-0.96	- 5.2	0.2/10.1	64154
2004 CS ₁₁₅	2009 11 09.9	03 00.39 +24 13.3 20.7	-1.12	- 4.2	2.5/11.6	64215
2007 EK ₁₄₈	2009 11 09.9	03 00.40 +10 58.1 21.0	-0.92	- 3.2	2.1/08.6	40709
2004 BB ₅₇	2009 11 09.9	03 00.42 +22 58.5 19.0	-1.17	- 1.8	2.8/11.1	64214
2006 XA ₁₄	2009 11 09.9	03 00.45 +19 39.4 19.2	-1.11	- 5.0	1.2/10.6	64300
2005 OY ₁₂	2009 11 09.9	03 00.46 +27 02.2 21.0	-1.17	- 3.5	3.7/12.1	90219
2002 AQ ₁₄₁	2009 11 09.9	03 00.51 -00 58.2 19.1	-0.94	- 1.0	7.1/06.4	64178
2005 UJ ₃₇₂	2009 11 09.9	03 00.52 +21 29.4 20.9	-1.01	- 3.0	1.5/10.9	64269
2005 OB ₂₁	2009 11 09.9	03 00.59 +27 36.8 19.6	-1.17	- 3.6	4.2/12.3	64245
2002 PP ₁₉₀	2009 11 10.0	03 00.50 +17 52.5 20.3	-1.17	- 2.0	0.4/10.2	63629
2003 UK ₂₇₈	2009 11 10.0	03 00.59 +28 26.9 19.1	-1.06	+ 1.6	3.7/12.0	64212
2005 UM ₁₀₇	2009 11 10.0	03 00.66 +12 57.5 20.6	-1.00	- 2.3	1.5/09.2	64263
2005 PQ ₂₃	2009 11 10.0	03 00.66 +25 02.0 19.4	-1.06	- 8.4	2.8/12.1	64246
2007 DH ₄₇	2009 11 10.0	03 00.71 +17 32.7 20.3	-1.04	- 4.6	0.2/10.1	64308
2008 TQ ₉₂	2009 11 10.0	03 00.73 +10 14.9 20.9	-0.51	- 2.5	1.2/08.3	50424

2002 SV ₃₇	2009 11 10.0	03 00.74 +11 28.3 18.8	-1.01	- 7.4	2.4/08.7	64192
2001 WZ ₂₃	2009 11 10.0	03 00.76 +18 27.7 20.3	-0.94	- 5.8	0.6/10.4	64171
2005 UL ₁₅₄	2009 11 10.0	03 00.77 +17 19.3 20.4	-0.97	- 5.0	0.1/10.1	63741
2008 HD ₇	2009 11 10.0	03 00.78 +40 05.8 20.5	-1.86	+ 5.0	10.9/13.0	39313
2005 NA ₂₁	2009 11 10.0	03 00.78 +09 32.1 17.9	-1.07	+ 2.1	3.9/08.9	63709
2001 FU ₁₁₁	2009 11 10.0	03 00.81 +28 19.1 20.3	-0.96	- 1.6	3.5/12.4	02033
2003 SB ₁₄	2009 11 10.0	03 00.81 +31 56.4 20.0	-1.00	- 1.9	4.4/13.4	43176
2002 QZ ₁₁₉	2009 11 10.0	03 00.81 +18 02.9 20.7	-1.14	- 3.5	0.4/10.3	63631
2008 RD ₁₂₆	2009 11 10.0	03 00.82 +02 23.1 20.7	-0.52	- 4.1	3.0/06.1	58613
1998 SQ ₂₉	2009 11 10.0	03 00.82 +18 40.3 20.2	-1.15	- 2.6	0.6/10.4	64146
2005 YM ₂₅₈	2009 11 10.0	03 00.83 -00 01.6 20.3	-0.92	- 1.3	7.0/06.4	56038
2007 GO ₃₂	2009 11 10.0	03 00.83 +10 18.1 20.8	-0.81	- 7.2	2.0/08.3	41340
2006 BH ₂₃₀	2009 11 10.0	03 00.88 -02 42.1 20.4	-0.77	- 2.1	5.2/05.6	26751
2008 GW ₃₅	2009 11 10.0	03 00.88 +24 55.1 20.8	-1.21	- 2.2	3.0/11.6	64329
2005 YY ₂₅₇	2009 11 10.0	03 00.90 +17 41.9 18.8	-0.95	- 2.9	0.3/10.2	64285
2000 JA ₄₂	2009 11 10.0	03 00.98 +14 14.5 20.2	-1.03	- 3.9	1.1/09.5	64153
2004 TP ₁₄	2009 11 10.0	03 01.10 +54 27.9 18.9	-3.16	+28.3	22.5/04.5	73256
2008 RP ₁₁₂	2009 11 10.1	03 00.92 +22 58.6 20.1	-0.58	- 2.9	1.2/11.6	64337
2001 FY ₅₄	2009 11 10.1	03 00.92 +27 36.9 18.6	-1.01	- 0.3	3.5/12.1	64159
2001 VP ₉₅	2009 11 10.1	03 00.93 +06 06.1 18.8	-0.84	-11.1	4.5/06.8	64170
2004 EE ₄₂	2009 11 10.1	03 00.93 +10 17.4 19.1	-1.01	- 6.3	2.6/08.5	64216
2003 TM ₄₅	2009 11 10.1	03 00.94 +16 20.9 19.7	-0.77	- 7.3	0.2/09.9	63668
2007 EE ₁₃₉	2009 11 10.1	03 00.95 +21 07.1 21.4	-1.15	- 1.9	1.7/10.9	22584
2007 QR ₁₂	2009 11 10.1	03 00.97 +23 47.4 19.8	-0.57	- 1.8	1.2/11.7	64323
2001 SQ ₂₀₂	2009 11 10.1	03 00.98 +21 35.0 21.6	-1.06	- 3.4	1.5/11.1	59667
2004 VO ₇₂	2009 11 10.1	03 00.98 +15 45.2 19.3	-0.89	- 2.4	0.4/09.8	64236
2008 GL ₆₈	2009 11 10.1	03 01.02 +07 37.5 20.5	-1.02	- 5.5	3.8/07.9	40759
2003 WO ₁₀₃	2009 11 10.1	03 01.06 +25 43.3 20.1	-0.79	- 6.1	2.6/12.4	64213
2005 UE ₁₀₅	2009 11 10.1	03 01.07 +10 32.2 19.8	-1.05	- 2.1	2.5/08.9	64263
2007 GB ₄₁	2009 11 10.1	03 01.09 +16 34.2 19.6	-0.88	- 4.9	0.2/10.0	64319
2001 XE ₂	2009 11 10.1	03 01.10 +47 19.0 18.4	-1.47	- 9.1	14.1/19.2	60752
2007 CN ₃₉	2009 11 10.1	03 01.10 -02 53.6 20.0	-0.90	- 3.4	6.8/05.7	55304
2005 NQ ₂₇	2009 11 10.1	03 01.13 +05 46.1 20.0	-0.99	- 4.5	5.0/07.6	40135
2004 HC ₅₁	2009 11 10.1	03 01.15 +20 14.8 19.4	-1.06	- 6.5	1.2/10.9	64219
2007 CB ₂₄	2009 11 10.1	03 01.17 +16 13.5 21.4	-0.98	- 4.7	0.3/09.9	43272
2007 EY ₈₂	2009 11 10.1	03 01.18 +12 43.4 19.9	-0.95	- 6.2	2.2/09.1	64313
2004 RB ₁₅₀	2009 11 10.1	03 01.24 +20 50.7 19.2	-0.99	- 1.7	1.4/10.9	64225
2005 OJ ₁₀	2009 11 10.1	03 01.27 +24 49.4 19.9	-1.16	- 2.8	3.2/11.8	64245
2007 LF ₁₆	2009 11 10.1	03 01.27 +05 02.9 19.9	-0.74	- 5.7	3.5/07.0	64323
2003 SE ₂₄₉	2009 11 10.1	03 01.27 +22 43.4 19.3	-0.91	- 1.2	1.7/11.3	64209
2005 CM ₂₇	2009 11 10.1	03 01.28 -10 26.5 19.7	-0.77	- 3.5	9.5/02.7	04314
2004 SS ₅₆	2009 11 10.1	03 01.29 +21 32.1 19.5	-0.98	- 2.5	1.5/11.1	64229
2002 ED ₁₀₂	2009 11 10.1	03 01.33 -07 23.8 20.0	-0.92	- 2.7	8.8/04.2	37954
2001 TB ₂₁	2009 11 10.1	03 01.35 +27 29.1 18.0	-0.95	- 9.2	4.3/13.0	64165
2005 VB ₇₀	2009 11 10.1	03 01.35 +15 40.8 18.9	-0.93	- 9.1	0.5/09.8	64272
2003 QV ₄	2009 11 10.1	03 01.36 +14 41.0 18.7	-0.80	- 6.6	0.8/09.6	64205
2004 OH ₈	2009 11 10.1	03 01.36 +05 35.3 20.2	-0.95	- 2.2	4.5/07.9	40126
2008 HV ₄₅	2009 11 10.1	03 01.37 +08 32.0 19.7	-1.02	- 0.4	3.3/08.6	64332
2000 SU ₈₁	2009 11 10.2	03 01.34 +00 49.9 19.3	-0.83	- 7.1	5.9/05.9	19527
2007 DB ₄₉	2009 11 10.2	03 01.36 +17 33.8 20.1	-1.04	- 4.6	0.2/10.3	64308
2003 BC ₁₇	2009 11 10.2	03 01.38 +01 01.3 20.0	-0.98	- 2.7	6.6/06.7	64200

2006 XW ₆₉	2009 11 10.2	03 01.38 +26 00.8 20.0	-1.10	- 5.7	3.3/12.3	64301
1997 CD ₆	2009 11 10.2	03 01.38 -01 02.6 20.4	-0.84	- 3.4	5.4/05.9	64145
2006 DL ₄₇	2009 11 10.2	03 01.39 +05 30.2 19.9	-0.77	- 4.0	3.5/07.4	47392
2004 PQ ₃₆	2009 11 10.2	03 01.40 +03 35.5 18.1	-0.71	- 6.9	6.4/06.5	64221
2004 JO ₁₃	2009 11 10.2	03 01.40 +20 51.5 21.0	-1.02	- 5.4	1.3/11.1	14724
2007 JW	2009 11 10.2	03 01.41 +04 52.1 21.0	-0.86	- 6.7	3.9/07.0	20882
2005 OP ₁₂	2009 11 10.2	03 01.48 +09 55.9 20.1	-1.03	- 4.0	2.8/08.7	64245
2003 AN ₂₅	2009 11 10.2	03 01.50 +09 57.7 19.4	-1.04	- 3.1	2.6/08.7	64199
2007 AK ₁₀	2009 11 10.2	03 01.55 +07 52.1 20.2	-0.96	- 2.8	3.2/08.3	16379
2003 EC ₂₉	2009 11 10.2	03 01.56 +30 00.9 20.7	-1.23	- 0.1	5.1/12.5	64201
2004 PL ₂₆	2009 11 10.2	03 01.57 -02 16.3 20.9	-0.87	- 5.6	7.2/05.6	38866
2001 SR ₁₁₉	2009 11 10.2	03 01.58 +29 48.5 19.4	-1.12	- 3.9	4.9/13.2	64163
2004 BG ₈₃	2009 11 10.2	03 01.64 +08 04.5 21.3	-1.08	- 3.7	3.0/08.3	60795
2005 SQ ₁₂₅	2009 11 10.2	03 01.64 +00 16.1 20.3	-0.89	- 8.8	6.9/05.7	38898
2000 EZ ₆₇	2009 11 10.2	03 01.66 +20 34.1 20.4	-1.10	- 3.6	1.3/11.0	64152
2001 SO ₂₅₉	2009 11 10.2	03 01.66 +15 26.4 19.7	-1.04	- 2.5	0.8/09.9	64164
2007 BL ₁₈	2009 11 10.2	03 01.70 +18 21.8 20.5	-1.08	- 3.5	0.4/10.5	64303
2007 FN ₃₁	2009 11 10.2	03 01.73 +20 15.0 20.0	-0.97	- 2.0	1.1/10.9	20860
2005 WB ₁₀₃	2009 11 10.2	03 01.76 +19 36.0 18.4	-0.93	- 7.6	1.0/10.9	64276
2003 RE ₁₀	2009 11 10.2	03 01.78 +25 50.5 20.2	-0.89	- 2.0	2.6/12.2	64206
2005 QP ₁₈₂	2009 11 10.2	03 01.78 +08 50.1 20.4	-0.95	- 6.4	3.4/08.2	64251
2008 HU ₆₁	2009 11 10.2	03 01.79 +18 39.3 20.1	-1.05	- 7.2	0.6/10.7	64332
2003 UU ₁	2009 11 10.3	03 01.72 +17 41.7 18.6	-0.94	+ 0.4	0.2/10.4	64211
1999 VV ₁₉₅	2009 11 10.3	03 01.72 +07 56.5 18.4	-1.10	+ 0.7	4.6/08.7	64150
2001 YS ₈₉	2009 11 10.3	03 01.73 +24 54.8 17.9	-0.87	- 1.9	4.1/12.0	64176
2008 GW ₉₀	2009 11 10.3	03 01.75 +19 09.4 19.8	-1.18	- 1.8	0.9/10.7	64330
2005 VA ₁₂₁	2009 11 10.3	03 01.76 -09 08.3 18.8	-0.83	- 4.4	11.4/03.2	64273
2007 EO ₂₀₀	2009 11 10.3	03 01.77 +03 10.5 19.5	-0.89	- 4.9	5.1/06.9	64316
2002 CG ₉₆	2009 11 10.3	03 01.87 +08 15.7 19.7	-0.89	- 3.9	3.2/08.3	64180
2005 WC ₅₄	2009 11 10.3	03 01.90 +11 53.1 18.3	-0.94	- 1.4	2.4/09.3	64275
2005 NT ₂₈	2009 11 10.3	03 01.93 +05 54.9 21.2	-1.03	- 4.5	4.6/07.9	37384
2002 TF ₂₀₄	2009 11 10.3	03 01.93 +10 32.7 18.2	-1.06	+ 3.6	3.7/09.4	63642
2003 SZ ₄₇	2009 11 10.3	03 01.97 +23 49.6 19.1	-0.83	- 5.8	2.1/12.1	64207
2004 FS ₆₇	2009 11 10.3	03 01.97 +04 44.4 19.4	-0.97	- 5.0	4.6/07.5	64217
2003 SR ₂₆₄	2009 11 10.3	03 01.99 +22 28.4 19.5	-0.96	- 0.1	1.8/11.4	64209
2004 RJ ₉₈	2009 11 10.3	03 01.99 +10 53.2 19.2	-0.84	- 7.1	2.4/08.7	64224
2005 UE ₃₉₉	2009 11 10.3	03 02.00 +19 57.0 19.4	-1.03	- 2.2	1.0/10.9	18149
2004 RE ₆₄	2009 11 10.3	03 02.00 +17 37.8 19.4	-0.95	- 4.1	0.2/10.5	64224
2004 NC ₂₈	2009 11 10.3	03 02.05 +12 03.6 20.2	-0.94	- 4.4	1.8/09.2	64221
2005 YH ₂₃₉	2009 11 10.3	03 02.08 +09 52.1 19.7	-0.98	- 1.7	2.8/08.9	64285
2007 BY ₆₅	2009 11 10.3	03 02.11 +22 29.9 19.9	-1.12	- 4.2	2.4/11.5	18192
2008 SV ₉	2009 11 10.3	03 02.12 +15 07.0 20.3	-0.66	- 3.2	0.5/09.9	64337
2007 JJ ₁	2009 11 10.3	03 02.12 +18 20.6 20.3	-0.99	- 1.9	0.4/10.6	64322
2007 GF ₃₅	2009 11 10.3	03 02.13 +06 05.2 20.9	-0.83	- 7.3	3.8/07.4	57125
2005 XO ₃₄	2009 11 10.3	03 02.14 +15 28.5 19.4	-0.93	- 4.4	0.6/10.0	64279
2007 EE ₃₂	2009 11 10.3	03 02.15 +09 57.2 19.3	-1.02	- 4.4	3.2/08.8	64311
2007 JA ₁₁	2009 11 10.3	03 02.15 +17 44.5 20.9	-0.83	- 4.0	0.2/10.5	64322
1995 SO ₂₅	2009 11 10.4	03 02.12 +20 56.8 21.1	-0.93	- 3.4	1.2/11.2	20238
2003 UW ₁₉₂	2009 11 10.4	03 02.14 +23 42.8 19.9	-0.88	- 3.6	2.1/11.9	64212
2001 WA ₄₈	2009 11 10.4	03 02.17 +00 57.4 19.2	-1.09	+ 3.4	6.9/08.1	64171
2004 VH ₁₁₂	2009 11 10.4	03 02.20 +20 24.7 19.1	-0.97	- 0.3	1.1/11.0	64236

2008 FX ₆₉	2009 11 10.4	03 02.21 +15 44.5 20.5	-1.04	- 6.1	0.6/10.1	64328
2003 GL ₂₄	2009 11 10.4	03 02.24 +16 02.1 20.1	-0.57	- 1.1	0.2/10.2	64203
2002 BP ₂₈	2009 11 10.4	03 02.25 -02 04.5 19.0	-1.09	+ 3.3	8.6/07.3	64179
2004 GO ₅	2009 11 10.4	03 02.26 +24 28.3 20.7	-1.17	- 1.9	2.7/11.8	21811
2008 HZ ₅₀	2009 11 10.4	03 02.31 +13 24.3 21.7	-1.05	- 4.1	1.4/09.6	40024
2007 GY ₆₀	2009 11 10.4	03 02.32 +19 20.0 19.5	-0.88	- 5.3	0.7/11.0	64319
2004 TQ ₁₅₃	2009 11 10.4	03 02.33 +16 54.7 20.3	-0.90	- 4.0	0.1/10.4	64232
2003 SW ₃₃₄	2009 11 10.4	03 02.37 +32 46.6 21.2	-1.04	- 0.5	4.5/13.7	21569
2008 KK ₂₈	2009 11 10.4	03 02.40 +16 42.3 19.7	-1.16	+ 1.4	0.2/10.4	63860
2008 JD ₈	2009 11 10.4	03 02.43 +17 12.8 20.5	-1.08	- 3.7	0.0/10.5	64333
2001 QU ₁₂₄	2009 11 10.4	03 02.44 +10 30.3 19.0	-1.00	- 2.8	3.1/09.1	64161
2008 GD ₉₀	2009 11 10.4	03 02.46 +13 41.0 20.1	-1.11	- 3.8	1.5/09.7	64330
2008 GF ₇₄	2009 11 10.4	03 02.46 +07 23.5 20.0	-1.11	- 0.5	4.3/08.8	39992
2007 DF ₈₆	2009 11 10.4	03 02.47 +16 06.9 20.1	-1.02	- 5.1	0.4/10.2	64309
2006 BG ₂₇₅	2009 11 10.4	03 02.49 +02 17.0 19.8	-0.77	- 4.4	4.9/06.8	64291
2005 SU ₅₄	2009 11 10.4	03 02.49 +15 05.3 20.6	-1.01	- 4.9	0.9/10.0	64253
2008 JG ₃₄	2009 11 10.4	03 02.50 -01 55.4 20.5	-1.00	- 0.3	6.3/07.0	58608
2005 UJ ₂₉₅	2009 11 10.4	03 02.50 +21 26.6 20.4	-1.01	- 4.1	1.5/11.4	64268
2003 SX ₂₆₀	2009 11 10.4	03 02.51 +07 45.0 20.0	-0.77	- 6.5	3.2/08.0	64209
1998 GA ₁₀	2009 11 10.4	03 02.53 +07 53.1 19.8	-1.02	- 0.9	3.1/08.7	60720
2002 AR ₁₁₃	2009 11 10.4	03 02.55 +24 26.9 17.7	-0.82	- 4.4	3.7/12.3	64178
2007 DZ ₄	2009 11 10.4	03 02.55 +11 23.5 20.7	-1.00	- 5.0	2.3/09.2	26247
2005 YA ₁₀₇	2009 11 10.4	03 02.56 +03 37.6 19.3	-0.94	- 0.5	5.6/08.0	64282
2007 ET ₄₃	2009 11 10.4	03 02.60 +18 32.1 21.5	-1.02	- 4.2	0.5/10.8	19391
2002 AB ₁₂₀	2009 11 10.5	03 02.53 +29 46.7 20.6	-0.98	- 3.6	3.8/13.4	64178
2004 RE ₂₉₈	2009 11 10.5	03 02.55 +10 16.1 20.1	-0.87	- 4.5	2.5/08.9	64227
2005 WX ₁₈	2009 11 10.5	03 02.55 +04 49.3 20.4	-1.07	+ 1.7	4.9/08.5	42781
2008 SC ₅₁	2009 11 10.5	03 02.56 +17 30.8 20.4	-0.56	- 2.3	0.1/10.6	64337
2002 VG ₅	2009 11 10.5	03 02.58 +16 22.3 18.8	-1.06	- 1.8	0.4/10.3	64196
2001 QM ₂₆₆	2009 11 10.5	03 02.64 +39 08.1 20.0	-1.20	- 7.1	8.4/16.7	14619
2007 ED ₁₃	2009 11 10.5	03 02.65 +00 18.1 20.2	-0.90	- 4.1	5.6/06.6	17793
2005 QL ₁₅	2009 11 10.5	03 02.65 +12 34.8 20.9	-1.04	- 5.3	1.6/09.5	40137
2001 HR ₂₈	2009 11 10.5	03 02.65 +14 55.3 19.8	-1.03	- 6.2	0.8/10.0	62314
2006 UW ₂₀₄	2009 11 10.5	03 02.66 +42 46.2 19.7	-1.96	+ 6.1	12.3/13.7	59779
2002 EX ₁₁₂	2009 11 10.5	03 02.66 +21 03.8 20.3	-0.58	- 1.7	0.8/11.4	50925
2000 UM ₆₈	2009 11 10.5	03 02.67 +17 29.9 18.3	-0.86	- 9.9	0.1/10.6	64157
2006 AD ₇₄	2009 11 10.5	03 02.72 -05 26.6 20.1	-0.82	- 6.6	8.4/04.1	64287
2003 UG ₂₄₃	2009 11 10.5	03 02.74 +33 53.0 19.3	-1.12	+ 2.1	5.6/13.4	59716
2007 JE ₁₆	2009 11 10.5	03 02.78 +54 43.3 22.0	-1.52	- 0.4	9.6/19.5	46552
2002 VH ₂₅	2009 11 10.5	03 02.81 +20 40.3 19.3	-1.09	- 2.5	1.7/11.3	64196
2001 XU ₂₅₂	2009 11 10.5	03 02.81 -05 34.3 19.7	-1.03	+ 1.0	9.5/06.1	19561
2007 EF ₂₀₅	2009 11 10.5	03 02.81 +09 27.7 20.0	-0.84	- 3.5	2.6/08.8	64316
2005 UX ₄₆	2009 11 10.5	03 02.83 +13 24.8 20.7	-1.00	- 3.9	1.4/09.7	56032
2003 SL ₂₈₃	2009 11 10.5	03 02.84 +20 43.6 20.4	-0.84	- 5.6	1.0/11.4	64210
1998 TN	2009 11 10.5	03 02.85 +22 20.4 18.5	-1.31	+ 7.3	2.3/11.1	63602
2004 RK ₁₃₀	2009 11 10.5	03 02.85 +21 33.3 20.4	-0.97	- 3.3	1.5/11.5	64224
2004 DZ ₃₉	2009 11 10.5	03 02.89 +06 35.2 20.4	-1.01	- 5.5	4.1/08.1	87616
2000 FJ ₅₂	2009 11 10.5	03 02.90 +16 27.5 21.6	-0.77	- 3.3	0.2/10.4	43105
2005 YJ ₉₈	2009 11 10.5	03 02.93 +18 03.3 19.6	-0.94	- 5.9	0.3/10.8	56038
2005 OO ₂₃	2009 11 10.5	03 02.95 +10 16.9 20.0	-1.02	- 6.3	2.7/09.0	64246
2001 XK ₁₆₆	2009 11 10.5	03 02.97 +12 03.2 19.6	-0.96	- 3.6	1.9/09.5	64174

2004 BL ₈₉	2009 11 10.5	03 03.00 +26 27.9 20.2	-1.13	- 5.5	3.1/12.7	64214
2002 VX ₆₃	2009 11 10.6	03 02.92 +25 25.3 18.3	-1.01	- 7.4	3.8/12.7	64196
2003 BH ₆₁	2009 11 10.6	03 02.95 +27 32.2 19.2	-0.78	- 2.8	3.0/13.0	64200
2005 UF ₁₄₂	2009 11 10.6	03 02.99 +03 56.1 18.6	-0.96	- 0.5	6.2/08.2	64264
2004 BJ ₂₃	2009 11 10.6	03 02.99 +23 29.9 18.5	-1.07	- 7.3	3.0/12.2	64214
2008 RD ₄	2009 11 10.6	03 03.01 +12 42.8 19.4	-0.56	- 3.2	1.0/09.5	64336
2001 WS ₈₅	2009 11 10.6	03 03.02 +18 46.3 18.7	-0.95	- 4.7	0.6/11.0	64172
2008 GV ₆₈	2009 11 10.6	03 03.04 +03 24.4 19.5	-0.85	-10.5	5.5/06.7	64330
1998 QB ₆₀	2009 11 10.6	03 03.10 +04 00.2 20.5	-0.79	- 4.6	4.1/07.4	39134
2006 AM ₆₅	2009 11 10.6	03 03.11 +12 40.2 20.0	-0.88	- 3.1	1.5/09.6	64287
2002 GK ₈₀	2009 11 10.6	03 03.11 +18 20.2 19.3	-1.05	- 1.2	0.4/10.8	64184
2003 SW ₃₀₂	2009 11 10.6	03 03.13 +33 12.2 19.7	-1.07	+ 1.0	5.7/13.7	00584
2005 SF ₁₆₃	2009 11 10.6	03 03.23 +14 15.8 19.8	-1.01	- 4.2	1.3/10.0	64255
2002 AV ₅₀	2009 11 10.6	03 03.28 +25 23.0 19.4	-0.99	- 4.3	3.7/12.5	64177
2001 YF ₅	2009 11 10.6	03 03.34 -05 10.1 18.9	-1.03	+ 3.3	10.2/06.9	64175
2008 HN ₁₂	2009 11 10.6	03 03.34 +15 10.5 18.4	-1.12	+ 1.6	0.9/10.4	64332
1999 WE ₁₂	2009 11 10.7	03 03.39 +22 32.7 19.2	-0.84	- 7.2	1.9/12.1	64150
2003 TT	2009 11 10.7	03 03.40 +32 12.3 20.0	-0.89	- 6.2	4.1/14.8	59712
2007 CU ₁₆	2009 11 10.7	03 03.41 +07 56.6 19.9	-1.07	- 0.9	4.2/09.0	20525
2005 YE ₂₂₇	2009 11 10.7	03 03.43 +20 15.7 19.2	-0.96	- 6.0	1.2/11.5	64285
2005 MZ ₅₁	2009 11 10.7	03 03.47 +18 21.8 20.7	-1.12	- 4.2	0.4/11.0	64243
2008 FY ₃₈	2009 11 10.7	03 03.47 +11 19.9 20.1	-1.03	- 2.6	2.3/09.6	41919
2005 YN ₃₆	2009 11 10.7	03 03.48 +24 36.4 19.4	-0.95	- 4.0	3.0/12.4	64281
2006 YE ₅₁	2009 11 10.7	03 03.51 +14 32.1 21.2	-1.04	- 3.7	1.0/10.2	20505
2005 YS ₂₆₈	2009 11 10.7	03 03.51 +18 05.5 20.6	-0.91	- 2.6	0.3/10.9	64285
2002 VV ₄₈	2009 11 10.7	03 03.51 +12 44.3 19.0	-0.97	- 3.8	2.3/09.7	64196
2002 TK ₁₈₄	2009 11 10.7	03 03.58 +32 39.4 19.5	-0.90	- 2.0	4.6/14.3	43164
2004 BK ₁₅₆	2009 11 10.7	03 03.65 +28 56.0 19.2	-1.17	- 5.3	5.6/13.6	64214
2007 HD ₅₁	2009 11 10.7	03 03.66 +11 25.4 21.5	-0.81	- 3.7	1.7/09.4	47431
2005 UV ₄₇₂	2009 11 10.7	03 03.69 +22 21.2 20.6	-1.01	- 5.2	1.7/12.0	40697
2008 ES ₁₄₈	2009 11 10.7	03 03.74 +20 20.9 20.0	-1.14	- 4.5	1.3/11.4	64326
2004 RK ₃₁₄	2009 11 10.7	03 03.76 +24 58.7 20.7	-1.01	- 2.4	2.6/12.4	64227
1999 TG ₇₀	2009 11 10.7	03 03.82 +20 21.8 20.5	-1.16	- 3.4	1.2/11.4	64148
1999 RN ₃₇	2009 11 10.7	03 03.98 +68 06.7 18.9	-2.92	+ 5.3	22.8/28.0	61831
2001 PX ₅₆	2009 11 10.8	03 03.73 +19 11.0 19.8	-1.04	- 5.2	0.8/11.2	64161
2005 WE ₁₂₀	2009 11 10.8	03 03.73 +00 58.9 20.1	-1.15	+ 4.1	6.1/08.6	01143
2003 FQ ₆₉	2009 11 10.8	03 03.76 +10 48.3 20.7	-0.92	- 2.6	2.0/09.4	41113
2005 SP ₂	2009 11 10.8	03 03.77 +25 30.4 19.4	-1.06	- 4.6	3.9/13.0	63722
2001 PA	2009 11 10.8	03 03.79 +26 32.2 19.7	-1.14	- 2.7	3.1/12.7	64161
2005 NH ₂₀	2009 11 10.8	03 03.81 +18 51.3 19.2	-1.05	- 7.4	0.6/11.2	64243
2004 RP ₈₈	2009 11 10.8	03 03.82 +18 14.0 19.9	-0.95	- 7.1	0.3/11.1	64224
2006 AP ₃₀	2009 11 10.8	03 03.86 +30 59.9 19.8	-1.02	- 3.2	4.8/13.9	64286
2000 QP ₂₂₇	2009 11 10.8	03 03.87 +16 24.6 19.2	-0.92	- 5.5	0.4/10.6	39704
2004 EU ₄₀	2009 11 10.8	03 03.95 +09 36.8 19.4	-1.00	- 6.5	3.2/09.0	64216
2005 YU ₉₅	2009 11 10.8	03 03.98 +02 37.7 19.8	-0.95	+ 0.5	5.7/08.3	62470
2002 SL ₂₈	2009 11 10.8	03 03.98 +11 23.2 19.5	-1.00	- 3.0	2.9/09.6	64192
2003 KM ₁₅	2009 11 10.8	03 04.00 +17 12.2 20.4	-0.98	- 3.3	0.0/10.8	64204
2001 OU ₁₅	2009 11 10.8	03 04.01 +13 24.8 19.8	-1.07	- 2.3	1.4/10.1	64160
2005 YT ₅₈	2009 11 10.8	03 04.02 +23 29.4 19.9	-0.96	- 4.1	2.1/12.3	64281
2004 YF ₃₂	2009 11 10.8	03 04.03 +40 16.3 18.3	-1.20	+ 3.6	9.9/14.2	64239
2004 TH ₃₅₅	2009 11 10.8	03 04.04 +12 57.1 18.6	-1.00	+ 2.0	1.9/10.2	64234

2004 XX ₁₈	2009 11 10.8	03 04.04 +14 36.1 18.6	-0.84 - 3.5	1.1/10.2	64237
2003 US ₅₇	2009 11 10.8	03 04.07 +24 59.0 19.4	-0.84 - 5.2	2.4/12.8	64211
2000 EN ₁₇₁	2009 11 10.8	03 04.08 +25 14.1 18.4	-1.09 + 1.6	3.0/12.1	64153
2004 XV ₅₄	2009 11 10.8	03 04.09 +07 48.9 19.7	-0.84 - 1.7	2.8/08.9	02231
2007 GU ₁₉	2009 11 10.8	03 04.10 +18 17.2 21.0	-0.87 - 3.8	0.3/11.1	43279
2001 TN ₂₄₁	2009 11 10.8	03 04.12 +15 51.5 19.8	-1.01 - 2.4	0.6/10.6	64167
2002 KX ₁₅	2009 11 10.8	03 04.17 +16 46.9 20.3	-0.81 - 6.7	0.2/10.7	64186
2005 VH ₁₂₄	2009 11 10.9	03 04.13 +19 57.5 20.9	-1.01 - 3.0	0.9/11.5	20824
2007 ER ₃	2009 11 10.9	03 04.13 +15 46.8 20.7	-1.03 - 4.8	0.6/10.6	56089
2003 SP ₄₅	2009 11 10.9	03 04.14 +30 00.2 19.0	-1.02 - 0.1	4.1/13.4	63660
2005 YD ₂₇₈	2009 11 10.9	03 04.19 +13 17.1 19.8	-0.97 - 2.6	1.5/10.1	64285
2004 SX ₄₆	2009 11 10.9	03 04.27 +23 14.8 19.2	-0.95 - 3.5	2.2/12.2	64228
2005 UG ₄₆₈	2009 11 10.9	03 04.34 +22 18.1 19.7	-0.96 - 9.0	1.7/12.3	64270
2006 WU ₅₄	2009 11 10.9	03 04.38 +20 41.2 18.9	-1.10 - 5.9	1.5/11.7	64299
2002 VM ₁₄₂	2009 11 10.9	03 04.40 +12 38.8 20.0	-1.07 - 2.9	2.1/10.0	63648
2003 UY ₂₁₆	2009 11 10.9	03 04.40 +27 53.1 19.8	-0.93 - 1.3	3.2/13.2	64212
2006 BH ₁₃₀	2009 11 10.9	03 04.40 +09 45.2 20.6	-0.75 - 3.5	2.0/09.2	64290
2003 SU ₄₁₃	2009 11 10.9	03 04.41 +20 53.8 20.5	-0.89 - 2.1	1.2/11.7	63668
2003 BC ₂₉	2009 11 10.9	03 04.44 +11 02.7 18.7	-0.97 - 3.7	2.9/09.6	64200
2007 HU ₁₈	2009 11 10.9	03 04.45 -01 39.7 21.0	-0.73 - 4.5	4.7/06.2	58566
2006 BY ₇₄	2009 11 10.9	03 04.49 +16 43.6 20.5	-0.91 - 2.6	0.2/10.8	64289
2005 OE ₉	2009 11 10.9	03 04.53 +24 45.5 19.6	-1.19 - 3.4	3.1/13.0	64245
2004 RO ₃₂	2009 11 10.9	03 04.54 +07 09.3 19.3	-0.91 - 2.2	4.0/08.9	64223
2005 WC ₁₂₂	2009 11 10.9	03 04.55 +09 34.6 18.6	-0.99 - 0.8	3.4/09.6	64276
2007 GU ₇₅	2009 11 10.9	03 04.57 +10 39.8 20.1	-0.77 - 5.7	2.1/09.3	63835
2001 XU ₂₁₄	2009 11 10.9	03 04.58 +43 59.8 18.0	-0.93 -10.6	12.8/21.0	64175
1999 VK ₄₁	2009 11 10.9	03 04.60 +24 18.4 18.8	-1.19 + 2.8	3.8/12.0	63605
2000 TF ₁₂	2009 11 10.9	03 04.61 +06 46.1 19.7	-0.85 - 7.1	3.8/08.3	19529
2006 YZ ₃₄	2009 11 11.0	03 04.55 +17 54.6 21.2	-1.10 - 3.2	0.2/11.1	55296
2008 PN ₆	2009 11 11.0	03 04.57 +31 26.8 20.6	-0.96 - 5.7	4.1/14.7	42986
2005 PT	2009 11 11.0	03 04.57 +47 30.9 18.6	-1.46 - 4.2	13.5/20.1	64246
2007 CS ₅₃	2009 11 11.0	03 04.58 +30 57.3 19.5	-1.23 - 0.6	6.2/13.5	64307
2009 TN ₃₅	2009 11 11.0	03 04.59 +15 51.0 19.2	-1.02 + 0.7	0.7/10.8	64067
2006 YS ₈	2009 11 11.0	03 04.61 +26 27.0 19.7	-1.06 - 4.5	3.1/13.1	64301
2000 FE ₅₉	2009 11 11.0	03 04.63 +10 22.0 19.1	-0.91 - 1.2	2.3/09.6	64153
1999 HM ₄	2009 11 11.0	03 04.68 +19 45.1 19.9	-1.11 - 0.6	0.9/11.5	64148
2001 XK ₂₆₆	2009 11 11.0	03 04.68 +12 39.7 19.1	-0.96 - 1.5	2.1/10.1	64175
2006 JC ₄₂	2009 11 11.0	03 04.70 +29 41.6 19.8	-0.57 - 3.7	2.2/14.3	64296
2004 RQ ₁₆₆	2009 11 11.0	03 04.70 +03 52.6 19.5	-0.81 - 6.7	5.4/07.5	64225
2007 AN ₃₀	2009 11 11.0	03 04.71 +13 23.4 20.8	-1.00 - 4.6	1.4/10.1	41307
2006 DR ₁₀₄	2009 11 11.0	03 04.73 +06 51.6 20.4	-0.76 - 4.8	3.1/08.4	47394
2005 OC ₂₂	2009 11 11.0	03 04.75 +03 48.7 19.5	-0.96 - 3.5	6.1/08.1	40136
2004 RB ₁₉₃	2009 11 11.0	03 04.78 +30 23.1 18.9	-1.03 - 2.6	4.6/13.9	64226
2008 SA ₁₆₄	2009 11 11.0	03 04.79 +07 27.4 19.9	-0.50 - 3.2	1.8/08.5	64337
2002 SW ₄₉	2009 11 11.0	03 04.80 +05 40.8 18.6	-0.99 - 4.0	5.5/08.5	64192
2001 QD ₈₇	2009 11 11.0	03 04.82 +40 03.5 19.9	-1.18 - 5.6	9.6/17.3	97448
2004 RO ₁₉	2009 11 11.0	03 04.82 +08 06.5 19.8	-0.88 - 4.2	3.3/08.9	22775
2000 QM ₁₆₃	2009 11 11.0	03 04.84 +14 19.9 18.1	-0.82 - 8.4	1.4/10.2	63608
2007 GG ₄₂	2009 11 11.0	03 04.84 +20 31.6 20.7	-0.99 - 2.2	1.1/11.7	21212
1994 RF ₃	2009 11 11.0	03 04.85 +21 19.5 19.8	-1.09 - 4.5	1.8/11.9	84424
2002 DA ₈	2009 11 11.0	03 04.89 +16 39.2 19.4	-1.03 - 0.2	0.2/10.9	64182

2008 SL ₂₁₃	2009 11 11.0	03 04.91 +10 10.0 19.8	-0.54 - 3.0	1.5/09.3	64338
2006 DL ₅₆	2009 11 11.0	03 04.92 +09 02.2 20.4	-0.79 - 2.4	2.5/09.3	43260
2007 HS ₂₃	2009 11 11.0	03 04.92 +14 58.2 21.5	-0.88 - 4.5	0.8/10.5	55324
2006 VN ₄₉	2009 11 11.0	03 04.94 +19 24.3 19.9	-1.17 - 3.4	0.8/11.5	64299
2005 SL ₃₅	2009 11 11.0	03 04.94 +11 23.4 19.4	-0.91 - 3.0	2.9/09.8	63724
2001 UW ₉₄	2009 11 11.0	03 04.99 +05 27.9 18.7	-1.03 + 3.1	5.7/09.3	64168
2004 PS ₆₈	2009 11 11.0	03 05.00 +31 00.9 19.6	-1.02 - 5.7	4.4/14.5	64222
2003 SB ₁₇₄	2009 11 11.1	03 04.94 +20 11.8 19.7	-0.92 - 0.7	1.0/11.7	20785
2006 BV ₆₈	2009 11 11.1	03 05.04 +03 56.8 20.6	-0.79 - 2.3	3.7/08.2	41841
2003 UW ₆₁	2009 11 11.1	03 05.05 +06 46.9 18.7	-0.81 - 2.1	3.7/08.8	64211
2007 BS ₄₂	2009 11 11.1	03 05.07 +08 12.7 20.5	-1.01 - 4.3	3.5/09.1	18190
2002 YU ₁₆	2009 11 11.1	03 05.11 +14 29.6 18.1	-0.97 - 0.5	1.5/10.6	64199
2004 RW ₂₇	2009 11 11.1	03 05.11 -04 30.3 19.9	-0.87 - 5.1	7.3/05.6	41810
2005 QY ₁₇₄	2009 11 11.1	03 05.12 +22 52.1 19.4	-1.08 - 7.8	2.4/13.0	64250
2006 BS ₁₀₈	2009 11 11.1	03 05.14 +16 43.8 21.3	-0.82 - 3.0	0.2/11.0	21355
2007 DJ ₆	2009 11 11.1	03 05.15 +62 41.9 19.4	-2.08 + 3.7	20.0/18.4	22875
2004 HP ₄₃	2009 11 11.1	03 05.15 +17 29.1 20.4	-1.08 - 4.5	0.0/11.2	41806
2005 QV ₄₉	2009 11 11.1	03 05.16 +07 18.6 19.6	-1.05 - 2.4	4.2/09.2	64248
2006 HL ₅₄	2009 11 11.1	03 05.16 +24 44.0 21.2	-0.87 - 1.9	2.0/12.7	57436
2008 GO ₁₀₇	2009 11 11.1	03 05.19 +17 04.2 20.1	-1.16 - 2.2	0.1/11.1	64331
2005 YO ₂₅₈	2009 11 11.1	03 05.20 +12 04.1 22.4	-0.78 - 3.2	1.3/09.9	96867
2009 UN ₃₀	2009 11 11.1	03 05.22 +19 59.7 19.1	-1.05 + 3.7	1.0/11.5	64074
2001 XX ₂₀₁	2009 11 11.1	03 05.22 -05 49.1 19.3	-0.96 + 3.2	11.1/07.3	94387
2009 TH ₂₃	2009 11 11.1	03 05.23 +15 27.7 18.6	-0.87 -10.0	1.0/10.6	64409
2005 SY ₆₈	2009 11 11.1	03 05.23 +22 15.7 19.3	-1.04 - 1.5	2.3/12.1	64253
2002 EG ₅₈	2009 11 11.1	03 05.26 +08 13.1 19.0	-0.86 - 6.2	3.2/08.9	64182
1998 TH ₁₀	2009 11 11.1	03 05.26 +16 57.6 19.9	-0.86 - 2.9	0.2/11.1	64147
2004 JJ ₄₁	2009 11 11.1	03 05.27 +19 52.7 20.7	-1.07 - 2.8	0.9/11.7	14725
2005 WD ₁₄₂	2009 11 11.1	03 05.27 +07 56.2 19.9	-1.05 + 2.1	4.0/09.7	98007
2003 QM ₆	2009 11 11.1	03 05.29 +01 59.0 18.9	-0.79 - 3.8	5.2/07.6	64205
1998 SY ₈₆	2009 11 11.1	03 05.29 +32 01.2 19.2	-1.00 - 2.0	4.8/14.4	64147
2005 SD ₃₉	2009 11 11.1	03 05.30 +14 25.2 19.6	-0.92 - 4.9	1.4/10.5	64252
2009 TM ₃₅	2009 11 11.1	03 05.34 +14 02.5 19.1	-0.91 - 4.5	1.4/10.4	64067
2005 WW ₁₆₅	2009 11 11.1	03 05.36 +16 15.8 19.6	-0.97 - 4.1	0.5/10.9	64277
2005 UY ₃	2009 11 11.1	03 05.37 +08 12.4 19.5	-0.95 - 6.2	4.0/08.9	64260
2003 GC ₄₈	2009 11 11.1	03 05.38 -00 29.0 20.2	-0.91 - 7.1	7.6/06.3	57383
2006 BG ₂₉	2009 11 11.1	03 05.39 +13 09.6 20.7	-0.86 - 2.7	1.3/10.3	20836
2001 SD ₈₀	2009 11 11.1	03 05.40 +11 29.3 20.1	-0.98 - 5.7	2.5/09.8	40095
2000 HK ₇₄	2009 11 11.1	03 05.42 -01 40.2 20.1	-0.95 + 1.2	5.4/07.7	99951
2002 SD ₇₁	2009 11 11.2	03 05.34 +18 21.7 20.4	-1.14 - 3.3	0.4/11.4	64192
2000 SW ₄₆	2009 11 11.2	03 05.38 +31 58.1 18.5	-1.04 - 7.0	5.5/15.1	64155
2008 HT ₆	2009 11 11.2	03 05.39 +19 00.3 20.0	-1.18 - 3.8	0.7/11.5	64332
2006 AO ₆₄	2009 11 11.2	03 05.39 +05 44.6 20.3	-0.83 - 2.6	3.7/08.7	58523
2007 EC ₁₅₈	2009 11 11.2	03 05.40 +10 34.0 21.0	-0.93 - 4.4	2.2/09.7	59791
2003 SR ₁₇₃	2009 11 11.2	03 05.41 +19 50.2 19.8	-0.82 - 4.4	0.7/11.8	64208
2005 YX ₅₀	2009 11 11.2	03 05.42 +11 18.9 20.8	-0.89 - 3.9	2.2/09.8	41836
2007 GA ₂₂	2009 11 11.2	03 05.45 +15 38.2 20.1	-0.80 - 4.1	0.5/10.8	47427
2001 WC ₁₆	2009 11 11.2	03 05.47 +11 01.7 19.0	-0.93 - 4.6	2.6/09.8	64171
2002 EM ₃₂	2009 11 11.2	03 05.48 +18 45.3 19.9	-0.95 - 2.6	0.5/11.5	64182
2004 NZ ₇	2009 11 11.2	03 05.51 +35 16.4 20.9	-1.08 - 5.3	5.5/15.8	70368
2004 JJ ₃₄	2009 11 11.2	03 05.51 +07 12.6 19.9	-1.00 - 2.1	3.8/09.3	39740

2003 BP ₅₃	2009 11 11.2	03 05.52 +23 14.1 20.1	-1.07	- 3.5	2.3/12.5	19590
2004 TD ₁₆₈	2009 11 11.2	03 05.54 +13 45.2 19.3	-0.90	- 2.7	1.3/10.5	64232
2005 QW ₁₁	2009 11 11.2	03 05.59 +05 51.7 19.0	-1.04	- 1.7	5.3/09.1	64247
2006 BQ ₂₂₆	2009 11 11.2	03 05.62 +51 00.3 21.4	-1.17	- 1.3	7.9/19.6	21854
2007 GR ₆₀	2009 11 11.2	03 05.62 +19 54.1 20.7	-0.82	- 4.3	0.7/11.8	63834
2005 GW ₁₁₁	2009 11 11.2	03 05.63 +06 04.2 20.2	-0.66	- 1.4	2.5/08.8	22790
2006 DH ₃₆	2009 11 11.2	03 05.64 +08 01.8 19.6	-0.79	- 4.9	3.1/09.0	64293
1999 UN ₃₂	2009 11 11.2	03 05.65 +17 56.8 19.6	-0.95	- 1.9	0.2/11.4	64149
2007 JG ₄₂	2009 11 11.2	03 05.69 -12 06.4 21.3	-0.73	- 4.9	7.3/03.4	50035
2006 AV ₁₇	2009 11 11.2	03 05.69 +27 44.6 21.0	-0.95	- 5.0	3.5/13.7	98076
2006 DB ₆₂	2009 11 11.2	03 05.70 -07 30.0 19.0	-0.87	+ 0.3	8.3/06.2	64293
2005 SL ₁₅₉	2009 11 11.2	03 05.71 +16 22.7 18.9	-0.94	- 7.2	0.4/11.0	64255
2003 GY ₂	2009 11 11.2	03 05.71 +09 53.0 20.7	-0.91	- 5.5	2.5/09.5	64203
2007 CJ ₄₁	2009 11 11.2	03 05.79 +27 27.2 21.2	-1.10	- 3.6	3.6/13.4	56088
2003 SK ₁₆₀	2009 11 11.2	03 05.79 +14 37.8 18.5	-0.79	- 5.2	1.0/10.6	64208
2005 XV ₅₉	2009 11 11.2	03 05.79 +11 14.3 19.3	-0.99	- 1.0	2.4/10.1	64279
2009 TU ₂₅	2009 11 11.2	03 05.81 +05 37.9 19.7	-0.84	-12.4	5.2/07.7	64065
2007 EG ₂₂	2009 11 11.3	03 05.75 +22 10.7 21.4	-1.06	- 4.2	1.7/12.3	19710
2001 QJ ₁₄₆	2009 11 11.3	03 05.76 +18 14.3 20.2	-1.05	- 4.3	0.3/11.5	64161
2007 DQ ₁₁₂	2009 11 11.3	03 05.77 +13 41.2 19.5	-0.96	- 3.0	1.6/10.5	64310
2006 BL ₁₇₁	2009 11 11.3	03 05.78 +01 41.7 22.2	-0.75	- 2.9	4.0/07.7	22536
2005 SQ ₆₇	2009 11 11.3	03 05.78 +20 20.1 20.7	-1.09	- 4.1	1.1/11.9	97817
2003 QL ₁₉	2009 11 11.3	03 05.79 +28 48.7 20.2	-0.99	- 2.0	3.5/13.8	64205
2008 GB ₃₇	2009 11 11.3	03 05.80 +13 26.7 20.6	-1.09	- 5.4	1.7/10.4	64329
2000 ST ₉₆	2009 11 11.3	03 05.82 +35 55.8 19.2	-1.11	- 3.3	6.6/15.6	47150
2005 QP ₄₆	2009 11 11.3	03 05.84 +28 21.8 19.8	-1.17	- 4.0	4.5/13.7	64247
1998 RM ₁₁	2009 11 11.3	03 05.85 +29 13.9 20.2	-1.00	- 0.9	3.9/13.7	64146
2002 XS ₅₂	2009 11 11.3	03 05.87 +30 15.1 18.2	-0.97	- 8.7	6.1/14.9	63651
2007 BL ₃₃	2009 11 11.3	03 05.88 +05 39.5 20.1	-0.99	- 3.0	4.3/08.9	59118
2002 BV ₂₂	2009 11 11.3	03 05.88 +31 59.8 18.1	-1.22	+ 2.6	6.8/13.7	64179
2005 YN ₁₉₃	2009 11 11.3	03 05.91 +13 11.5 20.4	-0.86	- 3.1	1.4/10.4	64285
2005 ST ₁₄₅	2009 11 11.3	03 05.94 +13 18.3 21.2	-1.03	- 3.7	1.4/10.5	64255
2006 BJ ₄₆	2009 11 11.3	03 05.97 +13 59.9 20.9	-0.82	- 3.4	1.0/10.6	53466
2005 QL ₁₃₆	2009 11 11.3	03 05.99 +03 35.2 19.4	-0.95	- 5.3	5.7/08.1	64250
2002 OF ₂₇	2009 11 11.3	03 06.00 +13 09.9 21.9	-1.10	- 4.7	1.7/10.4	37297
2004 VX ₆₄	2009 11 11.3	03 06.01 +06 22.7 19.3	-0.93	+ 0.7	3.6/09.4	64236
2005 QZ ₄₅	2009 11 11.3	03 06.02 +09 37.7 21.2	-1.06	- 3.8	3.1/09.8	87730
2008 RD ₄₆	2009 11 11.3	03 06.05 +12 18.8 20.2	-0.54	- 2.4	1.0/10.1	64336
2000 AR ₁₅₉	2009 11 11.3	03 06.07 +29 48.0 19.0	-1.19	- 3.1	5.5/13.9	64151
2008 RA ₁₀	2009 11 11.3	03 06.07 +17 38.2 20.3	-0.53	- 2.8	0.0/11.4	64336
2008 JB ₄	2009 11 11.3	03 06.07 +19 21.3 20.1	-1.00	-11.8	0.6/11.9	64333
2004 SZ ₁₆	2009 11 11.3	03 06.09 +05 50.1 19.3	-0.95	- 1.3	4.1/09.2	40689
2008 GH ₄	2009 11 11.3	03 06.09 +35 41.3 19.0	-1.15	- 7.1	6.4/16.3	64329
2000 CE ₈₁	2009 11 11.3	03 06.10 -08 35.8 20.1	-0.76	- 2.9	7.1/04.9	41754
2006 YJ ₅₄	2009 11 11.3	03 06.12 +10 17.1 21.3	-1.02	- 3.9	2.6/09.8	40706
1995 UT ₈₀	2009 11 11.3	03 06.14 +10 58.4 21.5	-0.86	-11.3	2.1/09.5	49640
2004 RO ₁₃₈	2009 11 11.3	03 06.23 +34 16.9 19.5	-1.01	- 6.8	6.0/15.9	64224
2003 GA ₈	2009 11 11.3	03 06.24 +09 52.2 19.9	-0.89	- 5.1	2.5/09.6	64203
2001 OX ₃₇	2009 11 11.3	03 06.25 +11 09.3 21.0	-1.09	- 1.7	2.4/10.2	37271
2001 AT ₃₇	2009 11 11.4	03 06.17 +03 51.3 19.4	-0.91	- 0.6	4.1/08.7	62311
2005 ME ₄₀	2009 11 11.4	03 06.18 +03 07.6 19.1	-0.99	- 4.9	6.4/08.1	64243

2004 EB ₉	2009 11 11.4	03 06.22 +13 15.3 20.2	-1.07	- 2.4	1.5/10.6	60798
2008 UL ₁₅	2009 11 11.4	03 06.22 +23 16.0 20.1	-0.58	- 2.0	1.1/12.8	64339
2002 AR ₁₉₄	2009 11 11.4	03 06.23 +27 09.3 20.4	-0.99	- 4.6	3.2/13.7	64179
2008 RT ₁₂₆	2009 11 11.4	03 06.23 +25 28.7 21.1	-0.58	- 2.0	1.5/13.3	64337
2005 YK ₁₄	2009 11 11.4	03 06.23 +04 57.7 20.2	-0.85	- 2.3	3.8/08.7	20829
2007 HM ₈₃	2009 11 11.4	03 06.24 +19 00.9 20.5	-0.88	- 5.6	0.5/11.8	59794
2008 PS ₁₃	2009 11 11.4	03 06.25 +25 20.0 18.8	-0.88	- 4.1	2.6/13.3	64335
2005 OF ₁₇	2009 11 11.4	03 06.27 +16 14.4 20.6	-1.07	- 5.4	0.5/11.1	39218
2007 DH ₂₄	2009 11 11.4	03 06.31 +19 24.4 20.0	-0.98	- 4.2	0.7/11.9	64308
2005 WU ₁₇₇	2009 11 11.4	03 06.35 +10 42.5 19.4	-0.95	- 1.5	2.4/10.1	64277
2001 SB ₁₉₀	2009 11 11.4	03 06.37 +20 34.9 19.2	-0.96	- 3.1	1.5/12.1	64164
2004 RE ₁₅₈	2009 11 11.4	03 06.38 +35 53.1 21.3	-1.11	- 2.8	5.5/15.6	41812
2006 VR ₁₃₆	2009 11 11.4	03 06.41 +19 07.4 20.1	-1.16	- 4.6	0.7/11.8	64299
2004 RE ₂₀₈	2009 11 11.4	03 06.45 +30 31.0 18.8	-0.97	- 7.6	4.5/15.0	64226
2008 GU ₁	2009 11 11.4	03 06.47 +22 12.8 20.7	-1.13	- 3.9	1.7/12.5	40208
2004 RD ₁	2009 11 11.4	03 06.49 +03 51.5 19.3	-0.93	+ 0.5	6.2/09.1	64223
2000 BJ ₃₅	2009 11 11.4	03 06.52 +35 27.4 19.6	-1.00	- 2.3	5.2/15.4	48817
2002 PK ₂₈	2009 11 11.4	03 06.52 +04 43.0 20.2	-1.04	- 5.1	5.4/08.6	38842
2005 NM ₅₅	2009 11 11.4	03 06.55 +32 17.1 19.4	-1.24	- 5.1	6.5/15.1	64244
2005 YK ₁₀₇	2009 11 11.4	03 06.59 +15 00.0 20.9	-0.91	- 3.3	0.9/10.9	64282
2007 GB	2009 11 11.4	03 06.59 +06 23.0 20.1	-0.96	+ 0.4	3.3/09.5	62517
2007 DG ₁₁₄	2009 11 11.4	03 06.61 +24 56.4 21.6	-0.99	- 2.2	2.2/13.0	41864
2000 EU ₁₄₄	2009 11 11.4	03 06.63 +18 33.9 20.5	-1.04	- 5.0	0.4/11.7	41755
2004 JB ₄₄	2009 11 11.4	03 06.63 +06 11.9 20.1	-0.95	- 4.6	3.9/09.0	21813
2007 EK ₄₆	2009 11 11.4	03 06.64 +13 49.9 19.6	-0.92	- 4.9	1.4/10.6	64312
2006 HL ₅₉	2009 11 11.4	03 06.64 +32 21.0 20.2	-0.96	- 3.4	4.4/14.9	64296
2005 SR ₁₆₁	2009 11 11.4	03 06.66 +21 03.6 19.7	-1.09	- 3.5	1.5/12.2	62435
2008 GB ₆₄	2009 11 11.4	03 06.71 +27 27.6 19.5	-1.79	+ 7.8	4.8/12.3	64330
2003 PM ₁	2009 11 11.5	03 06.56 +18 26.7 19.7	-0.89	- 3.7	0.3/11.7	64205
2006 FP ₃₀	2009 11 11.5	03 06.57 +06 58.3 21.6	-0.76	- 6.1	2.9/08.8	02312
2007 GW ₆₀	2009 11 11.5	03 06.59 +23 28.5 20.3	-0.91	- 2.6	1.9/12.8	20870
2006 BU ₆₈	2009 11 11.5	03 06.61 +19 28.3 20.2	-0.92	- 3.1	0.7/11.9	64289
2005 YR ₃₀	2009 11 11.5	03 06.66 +31 59.6 18.9	-1.01	- 7.3	5.5/15.3	64281
2005 MZ ₃₁	2009 11 11.5	03 06.69 +14 32.8 19.9	-1.11	- 3.0	1.2/10.9	64243
2003 TZ ₃₄	2009 11 11.5	03 06.69 +47 07.8 21.2	-1.33	+ 2.0	8.4/16.9	47267
2007 BE ₄₃	2009 11 11.5	03 06.69 +07 02.4 21.2	-0.99	- 3.3	3.9/09.3	47417
2006 EP ₅₅	2009 11 11.5	03 06.72 +15 38.7 21.9	-0.80	- 3.9	0.5/11.1	02307
2005 TM ₁₅₂	2009 11 11.5	03 06.72 -02 53.8 19.9	-0.96	- 0.2	7.3/07.5	21350
2007 DH ₃₉	2009 11 11.5	03 06.72 +07 21.5 22.0	-0.95	- 4.4	3.4/09.2	38128
2003 SN ₈₀	2009 11 11.5	03 06.73 +40 51.7 18.5	-1.02	- 4.5	7.7/17.9	64207
2005 YQ ₂₅₈	2009 11 11.5	03 06.75 +21 48.9 20.6	-0.97	- 3.7	1.4/12.5	19683
2005 UJ ₂₇₃	2009 11 11.5	03 06.76 +17 20.7 18.2	-0.98	- 1.7	0.1/11.5	64267
2007 HY ₃₆	2009 11 11.5	03 06.77 +21 17.3 19.6	-0.94	- 1.0	1.1/12.3	64321
2000 EL ₆₄	2009 11 11.5	03 06.77 +20 19.3 21.1	-1.05	- 4.2	1.0/12.2	40087
2005 UW ₃₀₉	2009 11 11.5	03 06.77 +15 58.9 20.5	-1.00	- 0.7	0.7/11.3	64268
2008 SW ₁₄₉	2009 11 11.5	03 06.78 +30 22.3 19.9	-0.62	- 1.7	2.5/14.6	64337
2007 RB ₂₈₈	2009 11 11.5	03 06.80 +19 39.8 19.8	-0.55	- 1.8	0.4/12.1	64323
2008 EC ₁₂₁	2009 11 11.5	03 06.80 +22 17.8 20.0	-1.24	- 2.8	2.1/13.0	40201
2002 RU ₂₄₇	2009 11 11.5	03 06.82 +01 52.6 19.6	-1.01	0.0	7.9/08.8	64191
2004 RD ₂₁₁	2009 11 11.5	03 06.83 +30 50.6 19.4	-1.03	- 5.2	4.5/14.9	64226
2007 GN ₃₈	2009 11 11.5	03 06.85 +16 12.1 20.9	-0.88	- 2.8	0.4/11.3	64319

2007 LS ₁	2009 11 11.5	03 06.86 +09 56.4 21.1	-0.76	- 4.7	2.2/09.7	21704
2005 TW ₆₂	2009 11 11.5	03 06.87 +15 43.0 19.7	-1.01	- 3.1	0.8/11.2	64258
2003 QL ₁₁₅	2009 11 11.5	03 06.92 +12 22.3 18.5	-0.94	+ 1.7	2.0/10.7	64206
2003 YM ₁₂	2009 11 11.5	03 06.92 +32 01.8 19.0	-0.90	- 2.0	4.8/14.8	77756
2001 KB ₆₂	2009 11 11.5	03 06.93 +14 23.5 19.4	-0.76	- 7.6	0.9/10.7	64160
2005 EW ₄₂	2009 11 11.5	03 06.93 +00 07.7 20.8	-0.60	- 2.7	3.6/07.4	26731
2004 TM ₃₃₇	2009 11 11.5	03 06.95 +14 05.7 20.3	-0.88	- 4.8	1.2/10.8	64234
2008 EU ₅₄	2009 11 11.5	03 06.95 +07 20.6 19.3	-1.04	- 4.3	4.3/09.4	64325
2007 BE ₅₀	2009 11 11.5	03 06.99 +20 34.6 19.9	-1.13	- 2.4	1.3/12.2	62501
2004 TA ₈₁	2009 11 11.5	03 07.01 +18 08.6 19.6	-0.90	- 4.8	0.2/11.7	64230
2005 SQ ₈₂	2009 11 11.5	03 07.03 +15 32.1 19.2	-0.91	- 5.7	0.9/11.1	64254
2004 TG ₁	2009 11 11.6	03 06.98 +12 16.8 19.2	-0.87	- 5.0	1.9/10.4	64229
2005 UC ₃₇₄	2009 11 11.6	03 06.98 +18 43.3 20.6	-1.01	- 2.6	0.4/11.8	64269
2007 DN ₃₁	2009 11 11.6	03 06.99 +13 33.5 21.4	-0.92	- 3.8	1.3/10.7	41862
2007 EE ₉₂	2009 11 11.6	03 07.00 +06 57.4 20.9	-0.94	- 5.2	3.9/09.1	21878
2005 XM ₇₆	2009 11 11.6	03 07.01 +03 14.4 19.6	-0.93	- 1.3	5.3/08.7	62467
2007 EY ₃₀	2009 11 11.6	03 07.01 +14 02.0 21.1	-1.02	- 5.0	1.3/10.8	22583
2002 TQ ₃₇₅	2009 11 11.6	03 07.04 +15 41.2 20.3	-1.07	- 3.3	0.8/11.2	64195
2008 JF ₃₆	2009 11 11.6	03 07.04 +12 35.1 20.9	-1.01	- 4.1	1.8/10.6	40618
2005 BL ₄₈	2009 11 11.6	03 07.15 +08 01.5 20.5	-0.81	- 3.5	3.1/09.4	09112
2006 BK ₁₅₈	2009 11 11.6	03 07.15 +15 23.1 20.9	-0.79	- 3.2	0.6/11.2	47382
2000 LW ₁	2009 11 11.6	03 07.18 +30 37.4 19.1	-1.14	-16.1	4.6/15.9	97378
2005 YD ₂₀₇	2009 11 11.6	03 07.18 -04 09.7 20.5	-0.91	- 0.4	7.9/07.4	98068
2007 ES ₈	2009 11 11.6	03 07.19 +23 51.3 20.8	-1.01	- 2.9	2.0/13.0	20851
2006 BX ₉₄	2009 11 11.6	03 07.19 +14 31.3 20.9	-0.78	- 3.1	0.8/11.0	64289
2003 SK ₁₂	2009 11 11.6	03 07.24 +03 43.8 19.5	-0.78	- 4.2	4.7/08.4	20783
2005 UQ ₂₃₃	2009 11 11.6	03 07.25 +13 16.0 20.1	-1.17	+ 4.1	1.9/11.1	64267
2002 AT ₁₇₆	2009 11 11.6	03 07.31 +12 01.3 19.2	-0.94	- 2.7	2.0/10.5	64179
2007 BE ₃₂	2009 11 11.6	03 07.32 +12 33.9 20.8	-1.00	- 4.0	1.7/10.6	40174
2005 YX ₁₀₃	2009 11 11.6	03 07.33 +14 51.6 20.5	-0.91	- 3.4	0.9/11.1	64282
2007 EW ₇₂	2009 11 11.6	03 07.38 +17 03.7 19.2	-0.98	- 2.8	0.2/11.6	63823
2002 PE ₃₄	2009 11 11.6	03 07.43 +30 42.3 19.6	-1.25	- 4.9	5.4/14.7	64187
2005 QP ₁₆₄	2009 11 11.6	03 07.45 +31 46.4 19.7	-1.27	- 1.7	5.2/14.5	64250
2004 TE ₇₆	2009 11 11.6	03 07.46 +19 55.8 19.5	-0.97	- 1.9	0.9/12.2	64230
2003 BN ₈₀	2009 11 11.6	03 07.47 +37 32.3 19.7	-1.20	- 2.0	6.8/16.0	41787
2006 BN ₆₇	2009 11 11.7	03 07.38 +13 34.1 20.0	-0.89	- 2.7	1.4/10.9	64289
2004 DH ₂₆	2009 11 11.7	03 07.42 +14 15.0 20.2	-1.06	- 3.6	1.2/11.0	64215
2002 AP ₂₄	2009 11 11.7	03 07.45 -04 23.9 17.9	-0.78	- 2.9	10.7/06.2	64177
2006 BO ₂₅₁	2009 11 11.7	03 07.46 +16 50.1 20.8	-0.85	- 3.6	0.2/11.6	64291
2004 RU ₂₀₁	2009 11 11.7	03 07.47 +20 34.5 20.5	-0.95	- 2.6	1.0/12.4	64226
2008 MD ₁	2009 11 11.7	03 07.48 +21 39.5 20.2	-0.90	- 5.2	1.2/12.7	43302
2005 UJ ₇₇	2009 11 11.7	03 07.56 -03 35.2 18.9	-0.95	- 0.9	8.8/07.6	64262
1998 SU ₄₄	2009 11 11.7	03 07.58 +18 11.5 20.1	-1.05	- 5.5	0.2/11.9	39135
2007 CV ₇	2009 11 11.7	03 07.62 +04 19.0 20.7	-1.01	- 3.4	5.2/08.9	55302
2002 CA ₃₀₃	2009 11 11.7	03 07.64 -06 23.5 20.7	-0.92	- 2.8	8.4/06.1	21313
2006 DF ₁₇₈	2009 11 11.7	03 07.66 +05 45.5 20.7	-0.81	- 3.8	3.6/09.0	03876
2008 UE ₁₉₀	2009 11 11.7	03 07.69 +10 55.5 20.6	-0.53	- 2.3	1.3/10.2	50575
2007 DA ₉₁	2009 11 11.7	03 07.72 +27 12.2 19.2	-1.04	- 2.3	5.0/13.8	64309
2006 XE ₅₆	2009 11 11.7	03 07.75 +10 02.5 20.9	-1.04	- 4.0	2.7/10.2	21873
2007 HB ₈₄	2009 11 11.7	03 07.79 -15 44.5 22.3	-0.98	+ 0.3	9.0/04.8	21365
2001 UD ₁₀	2009 11 11.7	03 07.79 +03 42.9 21.3	-1.10	-19.0	6.3/07.4	49935

2003 SN ₁₆₀	2009 11 11.7	03 07.79 +22 29.9 19.1	-0.93	- 0.9	1.5/12.7	64208
2002 NX ₄₅	2009 11 11.8	03 07.78 +21 56.6 19.1	-1.14	- 5.7	1.9/12.8	64187
2002 VS ₄	2009 11 11.8	03 07.80 +18 44.1 19.2	-1.22	+ 2.0	0.5/12.0	63645
2008 FF ₉₆	2009 11 11.8	03 07.82 +13 05.6 19.0	-1.00	- 5.0	2.0/10.8	64328
2002 QV ₈₁	2009 11 11.8	03 07.84 +08 08.7 20.6	-1.09	- 3.2	3.8/09.9	37299
2005 AV ₈₁	2009 11 11.8	03 07.84 +11 46.5 18.3	-1.07	+ 5.0	2.5/11.1	64240
2008 TK ₁₅	2009 11 11.8	03 07.87 +17 43.4 20.8	-0.56	- 2.5	0.0/11.9	64338
2005 YY ₅₆	2009 11 11.8	03 07.88 +25 47.7 20.9	-0.96	- 4.1	2.7/13.7	64281
1999 LS ₁₄	2009 11 11.8	03 07.88 +05 52.2 21.4	-0.88	- 3.6	3.5/09.3	40663
2005 TF ₁₄₉	2009 11 11.8	03 07.91 +08 25.9 20.7	-0.97	- 4.5	3.3/09.8	64260
2003 PK ₁₁	2009 11 11.8	03 07.94 +37 27.9 19.5	-1.08	- 2.0	7.1/16.5	64205
2007 CX ₅₇	2009 11 11.8	03 07.96 +10 23.9 20.3	-1.05	- 1.6	2.7/10.5	64307
2003 BC ₈₆	2009 11 11.8	03 07.96 +10 21.9 19.7	-0.99	- 3.4	3.3/10.3	64201
2006 AS ₂₈	2009 11 11.8	03 07.96 +23 30.6 20.6	-0.98	- 2.8	2.2/13.1	64286
2005 OZ ₄	2009 11 11.8	03 08.00 +25 06.5 20.3	-1.14	- 5.7	3.0/13.6	90219
2004 RB ₄₀	2009 11 11.8	03 08.01 +05 01.6 19.1	-0.95	- 0.6	4.5/09.5	64223
1999 VY ₅₃	2009 11 11.8	03 08.03 +14 44.2 18.8	-0.82	- 8.1	1.0/11.1	64149
2008 HT ₁₂	2009 11 11.8	03 08.04 +04 51.1 21.2	-0.99	- 3.3	4.5/09.2	41924
2002 TB ₃₄₈	2009 11 11.8	03 08.08 +05 45.7 20.5	-1.08	- 1.7	5.0/09.7	39176
2002 TK ₆₄	2009 11 11.8	03 08.09 +23 16.4 19.9	-1.15	- 4.5	2.2/13.1	58439
2005 QZ ₆₈	2009 11 11.8	03 08.09 +03 57.2 19.3	-1.07	+ 0.1	5.9/09.6	64248
2003 BX ₃₀	2009 11 11.8	03 08.16 +12 51.1 20.5	-1.02	- 3.9	1.9/10.9	64200
2001 XU ₁₈₅	2009 11 11.8	03 08.16 +08 44.4 18.6	-0.93	- 2.0	4.0/10.1	64174
2006 DP ₆₈	2009 11 11.8	03 08.16 +02 25.7 21.1	-0.78	- 1.3	3.8/08.7	02293
2003 SY ₃₂₀	2009 11 11.8	03 08.18 +17 54.4 19.4	-0.88	- 1.2	0.1/11.9	64210
2005 SX ₂₀₁	2009 11 11.8	03 08.21 +09 45.7 19.7	-0.94	- 4.4	3.6/10.1	64256
2005 SN ₂₉₀	2009 11 11.8	03 08.21 +12 46.5 19.8	-0.91	- 7.4	2.1/10.7	63731
2001 QQ ₈	2009 11 11.8	03 08.24 +25 31.0 19.4	-1.11	- 4.2	3.1/13.6	64161
2003 UA ₃₀₄	2009 11 11.8	03 08.24 +24 11.3 20.3	-0.86	- 3.1	1.9/13.4	64212
2006 YC ₅₃	2009 11 11.8	03 08.25 +13 28.9 21.1	-1.01	- 4.2	1.5/11.0	41858
2006 DL ₇₃	2009 11 11.9	03 08.20 +34 38.3 20.7	-1.00	- 0.4	4.5/15.3	02293
2003 SH ₁₄₂	2009 11 11.9	03 08.21 +40 09.0 18.9	-1.00	- 4.0	7.3/17.6	64208
2003 WY ₂	2009 11 11.9	03 08.21 +35 27.2 20.4	-1.27	+ 4.4	6.1/14.4	00660
2006 DT ₂₀₉	2009 11 11.9	03 08.27 +04 26.3 20.8	-0.78	- 3.7	3.8/08.9	47398
2003 SY ₂₆₄	2009 11 11.9	03 08.27 +29 31.5 20.3	-1.04	- 0.2	3.6/14.2	64209
2008 CV ₁₉₉	2009 11 11.9	03 08.28 +23 16.7 20.5	-1.17	- 4.1	2.1/13.1	64324
2004 FA ₄₉	2009 11 11.9	03 08.30 +18 08.2 20.6	-1.05	- 5.0	0.2/12.0	90194
2001 SR ₂₉₄	2009 11 11.9	03 08.32 +07 35.8 19.1	-0.88	- 7.2	4.6/09.3	64165
2007 DW ₁₁₃	2009 11 11.9	03 08.32 +12 19.8 20.6	-0.95	- 4.8	2.0/10.7	42873
2005 WG ₁₅₇	2009 11 11.9	03 08.33 +32 09.1 18.1	-0.76	-13.0	7.0/16.9	63772
2007 BJ ₈₁	2009 11 11.9	03 08.35 +40 30.2 20.3	-1.20	- 3.9	7.7/17.6	42868
2000 WJ ₃₁	2009 11 11.9	03 08.35 +04 19.3 19.1	-0.99	- 0.4	5.1/09.4	64157
2005 SU ₁₄₅	2009 11 11.9	03 08.41 +20 20.5 21.1	-1.12	- 2.6	1.0/12.5	39231
2005 SV ₂₇₁	2009 11 11.9	03 08.42 +26 42.6 20.5	-1.14	- 2.9	3.6/13.8	64257
2008 FN ₃₉	2009 11 11.9	03 08.45 -11 22.8 19.9	-1.00	-16.8	13.6/01.6	39016
2001 WJ ₃₂	2009 11 11.9	03 08.46 +14 07.0 18.9	-0.95	- 3.8	1.6/11.2	64171
2007 CR ₁	2009 11 11.9	03 08.46 +14 19.5 21.1	-1.03	- 4.0	1.2/11.3	18193
2003 OU ₁	2009 11 11.9	03 08.50 +33 30.5 19.0	-1.00	- 4.7	5.7/16.0	64204
2007 HC ₂₂	2009 11 11.9	03 08.51 +17 14.0 19.6	-0.91	- 0.7	0.1/11.9	64320
2005 QG ₄₂	2009 11 11.9	03 08.55 +26 59.2 19.0	-1.07	- 3.1	4.5/14.0	63716
2001 ER ₁₅	2009 11 11.9	03 08.57 +06 01.9 19.8	-1.08	- 3.3	4.5/09.6	12748

2007 HM ₇₃	2009 11 11.9	03 08.59 +14 00.1	19.7 -0.81 - 6.5	1.2/11.1	63836
2005 OJ ₇	2009 11 11.9	03 08.60 +13 55.5	19.9 -1.10 - 2.9	1.4/11.3	64245
2005 UG ₁₄₁	2009 11 11.9	03 08.60 +10 12.0	18.8 -0.90 - 3.1	3.5/10.4	64264
2005 MH ₃₈	2009 11 11.9	03 08.61 +04 19.6	20.3 -1.06 - 3.1	5.4/09.3	89681
2005 TP ₁₄	2009 11 11.9	03 08.64 +16 15.8	18.6 -1.07 + 1.2	0.7/11.8	63731
2005 YG ₁₄₀	2009 11 11.9	03 08.66 +21 55.4	20.7 -0.97 - 3.6	1.5/12.9	96792
2004 EC ₁₂	2009 11 11.9	03 08.69 +05 52.7	19.1 -1.03 - 5.2	4.6/09.3	87618
2001 XW ₁₄₅	2009 11 12.0	03 08.59 +12 28.1	19.9 -1.01 - 2.5	1.9/11.0	20755
2005 YW ₁₇	2009 11 12.0	03 08.60 +28 55.1	19.7 -0.92 - 7.3	5.2/15.0	64280
2004 RX ₆₁	2009 11 12.0	03 08.60 +11 00.0	19.1 -0.87 - 4.6	2.7/10.5	64223
2005 QN ₁₅₉	2009 11 12.0	03 08.62 +13 58.6	19.2 -1.08 - 2.1	1.5/11.3	64250
2000 GQ ₅₆	2009 11 12.0	03 08.62 +18 37.7	20.7 -1.04 - 3.4	0.3/12.2	14599
2003 BN	2009 11 12.0	03 08.66 +13 36.4	18.8 -1.00 - 3.1	1.9/11.2	64200
2004 PZ ₆₂	2009 11 12.0	03 08.66 +05 12.9	21.1 -0.89 - 6.1	4.2/09.0	00736
2000 EV ₅₅	2009 11 12.0	03 08.66 +00 34.1	18.8 -0.77 - 4.1	5.7/07.9	64152
2008 RJ ₈₈	2009 11 12.0	03 08.67 +30 14.6	20.8 -0.62 - 2.1	2.5/15.1	64336
2002 TQ ₂₅₇	2009 11 12.0	03 08.69 +13 11.7	18.9 -0.82 - 7.7	2.4/10.9	63642
2005 SC ₁₁₇	2009 11 12.0	03 08.70 +16 13.6	18.5 -1.08 - 0.4	0.6/11.8	64254
2001 VL ₄₀	2009 11 12.0	03 08.71 +22 27.6	18.6 -0.96 - 6.6	2.1/13.2	64169
2001 YJ ₁₅₃	2009 11 12.0	03 08.71 +23 00.0	17.9 -1.22 + 4.2	2.4/12.7	64177
2001 QF ₁₈₆	2009 11 12.0	03 08.72 +20 13.0	17.7 -1.04 -26.4	1.3/13.0	64161
2001 UE ₂	2009 11 12.0	03 08.73 +23 12.0	18.6 -1.90 +13.0	3.0/12.2	63619
2004 FP ₂₈	2009 11 12.0	03 08.77 +14 33.0	20.6 -1.04 - 3.7	1.1/11.4	64217
2007 JQ ₃	2009 11 12.0	03 08.77 +05 44.0	20.9 -0.76 - 4.8	3.5/09.2	43283
2004 TL ₂₉₀	2009 11 12.0	03 08.77 +22 16.9	20.7 -0.94 - 3.2	1.5/13.0	64233
2004 OC ₆	2009 11 12.0	03 08.79 +04 30.4	19.6 -1.02 + 0.8	5.1/09.9	64221
2005 AU ₅₄	2009 11 12.0	03 08.84 +24 09.8	19.2 -0.91 - 0.4	1.9/13.3	64240
2005 UQ ₁₅₈	2009 11 12.0	03 08.84 +18 35.5	21.2 -1.04 - 3.2	0.3/12.2	14261
2005 WM ₃₂	2009 11 12.0	03 08.89 +26 34.6	20.0 -0.97 - 6.8	3.0/14.3	64274
2005 SH ₂₈₉	2009 11 12.0	03 08.96 +14 13.4	20.4 -1.04 - 3.5	1.3/11.4	64257
2001 FQ ₁₄₁	2009 11 12.0	03 08.96 +20 28.9	20.2 -0.86 - 1.9	0.8/12.7	64159
2004 PF ₃₁	2009 11 12.0	03 08.98 +37 50.1	20.9 -1.13 - 3.7	6.5/16.9	47297
2005 SD ₂₅₄	2009 11 12.0	03 09.01 +59 38.1	21.5 -1.98 + 1.1	17.0/23.8	56029
2004 XC ₁₃₇	2009 11 12.0	03 09.06 +13 58.3	19.0 -0.95 + 0.5	1.2/11.5	64239
2002 PL ₁₈₂	2009 11 12.1	03 08.99 +08 06.5	20.5 -1.03 - 4.1	4.8/10.2	21782
2002 CF ₇	2009 11 12.1	03 09.01 -27 46.0	19.4 -1.42 +10.9	18.7/07.3	64179
2000 QY ₉₈	2009 11 12.1	03 09.05 -05 41.8	18.6 -0.85 - 3.4	9.5/06.8	64154
2000 EN ₁₁	2009 11 12.1	03 09.13 -21 01.0	20.0 -0.77 - 1.7	9.6/02.0	41755
2005 XR ₈₄	2009 11 12.1	03 09.13 +37 04.0	18.2 -1.32 + 5.3	9.2/14.7	64280
2002 OC ₁₀	2009 11 12.1	03 09.13 +20 41.5	19.5 -1.10 - 7.7	1.3/13.0	39169
2006 BH ₃₂	2009 11 12.1	03 09.18 -00 30.4	20.1 -0.79 - 3.0	5.5/08.0	64288
2006 AH ₄₅	2009 11 12.1	03 09.19 +01 53.2	19.7 -0.87 - 2.5	5.6/08.8	62474
2005 QD ₆₈	2009 11 12.1	03 09.24 +11 25.4	20.6 -1.04 - 2.8	2.9/10.9	46301
2008 GC ₄₅	2009 11 12.1	03 09.27 +20 00.3	20.7 -1.09 - 4.0	0.9/13.0	64330
2003 QW ₁₄	2009 11 12.1	03 09.28 +27 22.0	19.8 -0.84 - 6.4	3.9/14.7	97662
2001 XP ₂₁₃	2009 11 12.1	03 09.28 +12 01.8	18.4 -0.89 - 5.9	2.5/10.8	64175
2008 NF ₁	2009 11 12.1	03 09.28 -33 37.4	18.1 -0.61 - 5.1	23.2/24.0	64335
2002 TK ₅	2009 11 12.1	03 09.30 +12 09.7	18.6 -1.01 - 2.1	2.8/11.1	64193
2008 HQ ₁₅	2009 11 12.1	03 09.31 +07 46.6	21.4 -1.01 - 3.4	3.5/10.1	40766
2007 DJ ₅₁	2009 11 12.1	03 09.44 +26 58.4	21.0 -1.03 - 3.7	3.0/14.2	43273
2004 JJ ₁₈	2009 11 12.1	03 09.46 +16 03.6	20.9 -1.04 - 3.0	0.6/11.9	14724

2007 GV ₁₉	2009 11 12.1	03 09.48 +15 57.5	19.8 -0.92 - 8.6	0.6/11.7	64318
2005 SX ₁₉₅	2009 11 12.1	03 09.49 +12 55.8	19.9 -1.02 - 5.5	2.0/11.1	64256
2003 RP ₂₅	2009 11 12.1	03 09.50 +56 05.6	18.4 -1.39 - 0.5	13.6/23.2	41793
2006 GV ₄₁	2009 11 12.2	03 09.43 +11 35.4	20.4 -0.90 0.0	1.7/11.1	02317
2005 UC ₃₀₀	2009 11 12.2	03 09.43 +06 37.6	19.6 -0.98 - 3.4	4.6/10.0	64268
2005 YW ₁₉₆	2009 11 12.2	03 09.44 +20 36.1	20.8 -0.95 - 3.9	1.1/12.8	64285
2003 PR ₆	2009 11 12.2	03 09.44 -07 57.5	18.9 -0.75 - 5.2	9.0/05.6	64205
2005 UE ₃₀₁	2009 11 12.2	03 09.45 +08 03.9	19.8 -0.96 - 3.1	3.5/10.2	64268
2007 JX ₁₈	2009 11 12.2	03 09.46 +10 31.2	20.2 -0.81 - 2.7	2.0/10.7	64322
2005 MZ ₁₆	2009 11 12.2	03 09.50 +09 10.1	20.8 -1.06 - 3.8	3.4/10.5	64242
2005 QT ₄₁	2009 11 12.2	03 09.53 +12 01.4	20.0 -1.01 - 5.9	2.2/10.9	64247
2005 SW ₁₁₄	2009 11 12.2	03 09.59 +20 35.4	20.2 -1.06 - 4.0	1.3/13.0	62434
2004 RD ₁₅₈	2009 11 12.2	03 09.59 +36 55.5	20.6 -1.11 - 3.0	6.0/16.7	19626
2004 HU ₄₉	2009 11 12.2	03 09.60 +12 02.6	20.5 -1.09 - 1.8	2.0/11.2	18071
2004 EG ₃₄	2009 11 12.2	03 09.61 +10 47.4	20.2 -0.66 - 3.7	1.7/10.6	64216
2005 QE ₁₈	2009 11 12.2	03 09.62 +07 13.6	19.1 -0.89 - 4.2	5.0/09.9	64247
2003 GZ	2009 11 12.2	03 09.62 +00 32.7	20.2 -0.85 - 5.3	5.4/08.1	62371
2008 KX ₆	2009 11 12.2	03 09.70 -02 56.5	20.2 -0.95 - 1.5	8.2/08.2	64334
2003 ND ₁₃	2009 11 12.2	03 09.71 +43 25.5	20.1 -1.08 - 4.0	8.6/19.2	10978
1995 UQ ₄₀	2009 11 12.2	03 09.76 +23 18.8	20.0 -1.14 - 2.4	2.5/13.4	15670
2005 YL ₁₅₇	2009 11 12.2	03 09.76 +17 27.2	18.5 -0.87 - 6.0	0.1/12.2	64284
2007 GT ₄₄	2009 11 12.2	03 09.77 +13 30.6	20.5 -0.87 - 3.7	1.4/11.3	64319
2004 RS ₁₄	2009 11 12.2	03 09.77 +20 39.1	19.1 -0.94 - 4.7	1.1/13.0	64223
2008 RV ₁₂₆	2009 11 12.2	03 09.77 +15 18.5	20.3 -0.52 - 2.6	0.4/11.7	64337
2003 OD ₂₀	2009 11 12.2	03 09.81 +08 45.1	18.7 -0.84 - 4.1	3.2/10.3	64205
2005 TQ ₈₇	2009 11 12.2	03 09.81 +18 13.9	19.7 -1.02 - 1.7	0.2/12.4	64259
2004 VJ ₉₄	2009 11 12.2	03 09.83 +16 45.2	21.4 -0.86 - 3.2	0.3/12.1	64236
2005 TN ₁₅₄	2009 11 12.2	03 09.84 +29 49.2	20.9 -1.15 - 2.8	4.8/14.8	22522
1999 UU ₃₆	2009 11 12.2	03 09.88 +07 48.8	20.8 -0.84 - 5.1	2.9/10.0	64149
2008 TL ₇₆	2009 11 12.3	03 09.84 +16 34.0	20.7 -0.54 - 2.2	0.2/12.0	64338
2004 EU ₄₅	2009 11 12.3	03 09.86 +07 10.1	20.4 -0.66 - 3.5	2.7/09.8	47291
2007 CX ₅₆	2009 11 12.3	03 09.88 +12 35.9	19.2 -1.06 - 3.7	2.1/11.2	64307
2006 BV ₁₀₈	2009 11 12.3	03 09.92 +11 47.2	19.0 -0.89 - 1.8	2.6/11.1	63790
2002 CC ₁₆	2009 11 12.3	03 09.92 +17 50.8	20.3 -1.02 - 3.9	0.1/12.3	64179
2008 EV ₁₄₇	2009 11 12.3	03 09.93 +12 15.8	21.0 -1.09 - 4.6	2.1/11.2	40744
2000 TJ ₂₂	2009 11 12.3	03 09.94 +35 46.5	18.8 -1.13 - 0.4	7.6/15.8	97407
2005 MF ₂₄	2009 11 12.3	03 09.96 +11 06.1	21.6 -1.10 - 4.1	2.3/11.0	58503
2005 YT ₃₆	2009 11 12.3	03 09.97 +35 57.4	19.4 -1.02 - 5.8	7.2/17.1	19677
2005 UU ₅₀₈	2009 11 12.3	03 09.98 +17 08.5	20.8 -1.00 - 2.7	0.2/12.2	58518
2006 DA ₁₃₂	2009 11 12.3	03 09.98 +15 02.1	19.4 -0.88 - 2.0	0.9/11.8	64294
2001 HY ₂₂	2009 11 12.3	03 10.00 +00 32.8	20.3 -0.82 - 0.5	4.3/08.9	21763
2004 XC ₁₄₀	2009 11 12.3	03 10.00 +06 33.0	19.9 -0.78 - 2.6	3.2/09.9	43226
1999 VW ₇₅	2009 11 12.3	03 10.02 +15 29.0	19.6 -0.90 - 2.3	0.8/11.9	64149
2003 SB ₃₁₉	2009 11 12.3	03 10.05 +24 40.2	18.6 -0.84 - 6.0	2.2/14.1	64210
2003 UR ₂₀₄	2009 11 12.3	03 10.06 +16 38.5	20.1 -0.81 - 4.5	0.3/12.1	64212
2002 PH ₁₈₂	2009 11 12.3	03 10.06 +09 28.9	20.4 -0.78 - 3.0	2.3/10.5	64188
1998 WK ₂₅	2009 11 12.3	03 10.09 +19 52.3	19.7 -0.93 - 0.7	0.7/12.8	64147
2005 XL ₆₇	2009 11 12.3	03 10.10 +20 11.8	19.8 -1.03 - 1.5	1.0/12.8	62466
2002 QJ ₅₃	2009 11 12.3	03 10.10 +21 14.1	20.0 -1.08 - 5.7	1.6/13.2	64189
2007 FQ ₄₀	2009 11 12.3	03 10.11 +18 47.5	20.4 -0.96 - 3.6	0.4/12.6	22885
2007 DU ₂₆	2009 11 12.3	03 10.11 +19 57.5	20.3 -1.08 - 3.3	0.8/12.8	64308

1995 DS ₇	2009 11 12.3	03 10.11 +20 58.0 20.7	-0.88	- 2.5	1.0/13.0	64144
2004 RH ₄₅	2009 11 12.3	03 10.11 +38 35.3 20.2	-1.16	- 2.1	6.9/16.9	59731
2008 SY ₉₁	2009 11 12.3	03 10.12 +38 55.6 19.8	-0.75	+ 0.1	4.0/17.0	47495
2000 AW ₇₀	2009 11 12.3	03 10.13 -02 42.0 18.1	-0.90	+ 1.3	7.8/08.9	64151
2004 DB ₂₄	2009 11 12.3	03 10.17 +27 26.9 19.5	-1.13	- 5.8	3.7/14.6	64215
2008 FS ₇₀	2009 11 12.3	03 10.18 +19 19.7 19.8	-1.05	- 2.7	9.4/03.0	64328
2004 SP ₄	2009 11 12.3	03 10.20 +06 34.6 20.2	-0.86	- 5.9	4.1/09.7	19154
2004 NY ₁₀	2009 11 12.3	03 10.24 +06 38.3 20.1	-0.93	- 3.3	3.6/10.1	40126
2005 WG ₁₈₄	2009 11 12.3	03 10.26 +12 02.8 19.8	-0.94	- 4.4	2.1/11.1	41834
2008 SA ₇₇	2009 11 12.3	03 10.26 +12 23.6 20.6	-0.54	- 3.1	1.1/11.1	51074
2009 UF ₈₇	2009 11 12.3	03 10.27 +07 50.5 18.7	-0.82	- 4.3	4.8/10.1	64078
2007 DL ₁₃	2009 11 12.4	03 10.22 +06 00.9 20.0	-0.98	- 4.9	4.7/09.7	21876
2002 CL ₁₅₄	2009 11 12.4	03 10.25 -07 24.4 20.5	-0.89	- 1.5	8.3/07.2	40673
2005 RQ ₇	2009 11 12.4	03 10.25 +13 58.3 19.7	-1.04	- 4.5	1.6/11.6	64251
2005 SU ₂₆₁	2009 11 12.4	03 10.26 +12 01.6 19.5	-1.01	- 3.0	2.4/11.2	64257
2006 DZ ₁₂₅	2009 11 12.4	03 10.28 +02 39.7 20.0	-0.78	- 4.5	4.9/08.8	47395
1995 WX ₂₆	2009 11 12.4	03 10.31 +23 17.0 20.3	-0.98	- 1.7	1.6/13.5	10685
2000 DY ₄₇	2009 11 12.4	03 10.31 +29 15.9 20.6	-1.14	- 3.1	3.9/14.8	40664
2005 SY ₂₈₃	2009 11 12.4	03 10.34 +02 59.7 20.2	-0.88	- 5.5	6.6/08.9	24035
2002 JY ₁₀₇	2009 11 12.4	03 10.35 +08 45.1 20.0	-0.96	- 0.5	2.7/10.8	08262
2004 DE ₄₉	2009 11 12.4	03 10.38 +24 25.2 20.5	-1.16	- 3.4	2.5/13.8	12869
2007 GO ₅₉	2009 11 12.4	03 10.39 +14 49.5 19.6	-0.91	- 8.2	1.0/11.7	64319
2005 QP ₂₈	2009 11 12.4	03 10.39 +36 14.4 18.9	-1.16	- 2.2	8.7/16.4	87026
1999 FF ₁₇	2009 11 12.4	03 10.40 +13 30.3 20.8	-0.94	- 5.2	1.5/11.5	64148
2006 BL ₂₀₄	2009 11 12.4	03 10.41 +16 25.1 20.4	-0.86	- 3.1	0.4/12.2	64291
2006 DH ₃₁	2009 11 12.4	03 10.42 +32 12.6 20.4	-0.93	- 2.3	4.2/15.6	64293
2004 RK ₃₀₄	2009 11 12.4	03 10.43 +14 24.8 20.8	-0.88	- 5.7	1.2/11.6	64227
2004 TQ ₂₄	2009 11 12.4	03 10.44 +25 58.6 19.7	-1.00	- 2.3	2.8/14.1	64229
2006 YY ₅₁	2009 11 12.4	03 10.44 +12 46.5 21.0	-0.99	- 3.7	1.7/11.4	64302
2008 HL ₁₇	2009 11 12.4	03 10.47 +19 23.2 22.1	-1.19	- 2.5	0.6/13.0	40766
2008 TK ₇₆	2009 11 12.4	03 10.47 +11 33.7 20.1	-0.53	- 2.8	1.2/10.9	64338
2007 HG ₆	2009 11 12.4	03 10.50 +18 28.7 21.5	-0.97	- 2.4	0.2/12.6	21684
2006 CO ₄₅	2009 11 12.4	03 10.50 +16 06.8 20.8	-0.83	- 2.8	0.5/12.1	47388
2003 GW ₃₁	2009 11 12.4	03 10.53 +42 16.6 20.2	-1.52	+ 3.3	8.2/16.1	19598
2002 XM ₁₁₉	2009 11 12.4	03 10.56 +16 50.0 20.9	-0.96	- 8.0	0.4/12.2	50946
2008 LE ₁₇	2009 11 12.4	03 10.58 +07 44.7 21.3	-0.95	- 3.4	3.5/10.4	41699
2001 XB ₂₃₂	2009 11 12.4	03 10.59 +22 45.7 18.5	-1.01	- 5.9	2.3/13.7	64175
2008 RL ₁₂₆	2009 11 12.4	03 10.61 -02 57.0 20.7	-0.51	- 3.7	4.0/07.1	58613
2003 SV ₂₃₈	2009 11 12.4	03 10.64 +29 01.6 20.1	-0.93	- 2.5	3.4/14.9	47262
2002 VT ₄	2009 11 12.4	03 10.65 +18 04.7 19.7	-1.12	- 4.2	10.9/03.0	62360
2008 FX ₁₅	2009 11 12.4	03 10.67 +10 43.6 21.3	-1.05	- 2.8	2.5/11.1	41543
2003 QY ₃₄	2009 11 12.4	03 10.68 +41 59.7 19.4	-1.14	- 1.6	8.5/18.3	02155
2005 RG ₅	2009 11 12.4	03 10.69 +23 31.9 18.3	-1.09	- 1.1	2.9/13.6	64251
2007 GJ ₁₆	2009 11 12.5	03 10.64 +25 01.7 19.3	-0.98	- 1.0	2.4/13.9	64318
2001 YK ₁₁₅	2009 11 12.5	03 10.65 +00 20.8 19.3	-1.03	+ 0.1	6.6/09.3	64176
2001 YY ₈₅	2009 11 12.5	03 10.66 +25 02.0 19.4	-1.04	- 3.3	2.8/14.0	64176
2005 QD ₈₂	2009 11 12.5	03 10.66 +27 11.7 19.9	-1.16	- 2.6	4.3/14.4	90233
2005 RF ₃₁	2009 11 12.5	03 10.67 +01 48.8 19.4	-1.00	- 4.3	6.1/09.2	64251
2008 GK ₁₁₅	2009 11 12.5	03 10.68 +08 03.9 21.6	-1.06	- 4.3	3.7/10.5	41629
2005 WU ₁₂₄	2009 11 12.5	03 10.72 +14 17.8 20.2	-1.07	- 0.9	1.4/11.9	63769
2001 SY ₁₂₇	2009 11 12.5	03 10.72 +21 30.9 20.2	-1.07	- 4.1	1.5/13.3	64163

2005 WX ₁₂₆	2009 11 12.5	03 10.73 +08 27.0 19.1	-0.94	- 5.0	4.1/10.3	64277
2005 QH ₆₀	2009 11 12.5	03 10.74 +17 45.0 18.5	-1.14	+ 0.8	0.0/12.5	64248
2005 YF ₁₃₄	2009 11 12.5	03 10.75 +26 42.7 20.6	-1.00	- 2.8	3.2/14.4	64283
2001 XQ ₁₀	2009 11 12.5	03 10.76 -34 31.5 19.0	-1.20	+ 5.7	18.8/31.0	60752
2003 BF ₅₅	2009 11 12.5	03 10.77 +00 11.6 20.7	-0.97	- 2.9	5.9/08.8	62367
2000 SP ₃₀₄	2009 11 12.5	03 10.77 +15 05.0 18.8	-0.90	- 7.8	0.9/11.8	64156
2001 PT ₂₉	2009 11 12.5	03 10.81 +20 02.2 20.5	-1.09	- 3.9	0.9/13.0	39149
2004 OA ₁₀	2009 11 12.5	03 10.82 +24 55.6 19.7	-1.04	- 3.2	2.5/14.0	64221
2007 BJ ₄₀	2009 11 12.5	03 10.92 +23 40.0 20.5	-1.09	- 4.3	2.2/13.8	40707
2007 GV ₁₅	2009 11 12.5	03 10.92 +19 11.6 21.4	-1.04	- 4.0	0.5/12.9	31528
2001 WN ₁₀₁	2009 11 12.5	03 10.93 +10 29.4 19.2	-0.91	- 4.5	3.3/10.9	64172
2003 ED ₄₃	2009 11 12.5	03 10.94 -03 40.0 20.9	-0.86	- 4.9	7.1/07.4	19594
2004 DJ ₄₃	2009 11 12.5	03 10.97 +17 57.2 20.2	-1.06	- 4.7	0.1/12.6	64215
2002 CA ₆₀	2009 11 12.5	03 10.98 -29 23.9 19.4	-1.11	+ 3.5	16.5/01.5	64180
1996 XD ₁₈	2009 11 12.5	03 10.99 +20 26.5 20.0	-0.93	- 4.9	1.1/13.2	64145
2007 LE ₁₃	2009 11 12.5	03 10.99 +00 48.7 21.3	-0.79	- 3.7	4.9/08.6	55329
2001 SC ₁₃₂	2009 11 12.5	03 11.03 +24 01.0 19.7	-1.09	- 3.4	2.4/13.9	40670
2002 XG ₁₈	2009 11 12.5	03 11.06 +07 42.9 18.5	-1.07	+ 2.7	5.2/11.1	63650
2005 OP ₈	2009 11 12.5	03 11.10 +17 14.1 19.8	-1.06	- 5.6	11.3/03.0	63711
2002 LB ₃₄	2009 11 12.5	03 11.11 +03 12.9 19.4	-0.89	- 0.1	4.7/09.9	64186
2005 YP ₂₂₉	2009 11 12.5	03 11.11 +15 00.5 19.9	-0.96	- 1.8	0.9/12.1	64285
2005 SO ₃₈	2009 11 12.5	03 11.12 +13 44.1 20.9	-1.01	- 5.4	1.6/11.7	58509
2003 FA ₆₉	2009 11 12.6	03 11.05 -05 47.4 19.5	-0.88	- 5.1	8.5/06.7	64202
2002 AF ₁₈₁	2009 11 12.6	03 11.09 +38 15.2 20.0	-1.20	- 1.7	6.9/16.7	58803
2002 SV ₃	2009 11 12.6	03 11.15 +11 27.3 19.5	-1.03	- 5.5	2.8/11.2	64192
2003 SX ₅₈	2009 11 12.6	03 11.16 +17 29.6 18.2	-0.81	- 6.4	0.1/12.5	64207
2005 XX ₆₁	2009 11 12.6	03 11.18 +19 05.3 20.4	-0.99	- 4.7	0.5/12.9	19258
2004 RT ₅₉	2009 11 12.6	03 11.19 +37 58.5 19.9	-1.15	- 2.1	6.7/17.0	59731
2003 TB ₁₈	2009 11 12.6	03 11.20 +28 24.3 19.3	-0.88	- 4.7	3.2/15.2	64211
2004 JX ₂₈	2009 11 12.6	03 11.22 +13 34.6 20.2	-1.02	- 2.9	1.5/11.8	64220
2006 SF ₅₉	2009 11 12.6	03 11.22 -06 25.2 19.5	-0.93	-18.9	11.5/04.0	64297
2002 EG ₈₂	2009 11 12.6	03 11.22 +11 42.6 20.3	-0.85	- 5.4	1.9/11.2	20763
2005 PO ₅	2009 11 12.6	03 11.24 +17 06.8 18.9	-1.00	- 3.9	11.9/03.0	63713
2005 SU ₁₁₀	2009 11 12.6	03 11.26 +18 05.6 19.8	-0.94	- 4.2	0.1/12.7	64254
2001 WX ₂₇	2009 11 12.6	03 11.28 +18 34.6 19.4	-0.90	-12.3	10.4/24.0	64171
2003 TP ₃₈	2009 11 12.6	03 11.28 +30 16.7 20.8	-0.91	- 3.3	4.0/15.5	41800
2005 SO ₂₆	2009 11 12.6	03 11.30 +10 08.7 20.0	-1.02	- 5.1	3.2/11.0	64252
2005 AB ₁₄	2009 11 12.6	03 11.30 +52 27.1 19.9	-1.33	- 1.6	11.2/20.1	77799
2002 RE ₁₉	2009 11 12.6	03 11.32 +27 17.1 18.9	-1.26	- 1.5	4.5/14.5	64190
2004 PN ₃₇	2009 11 12.6	03 11.32 +11 32.7 20.4	-0.92	- 3.8	2.2/11.3	22484
2006 BA ₂₄₃	2009 11 12.6	03 11.34 +42 23.0 19.8	-1.09	- 2.4	7.3/18.6	59771
2006 BU ₂₂₃	2009 11 12.6	03 11.36 +14 20.8 20.5	-0.85	- 3.5	1.1/11.9	64291
2000 HP ₆₃	2009 11 12.6	03 11.39 +17 24.3 20.5	-1.03	- 3.2	0.1/12.6	64153
2003 FO	2009 11 12.6	03 11.40 -23 24.1 22.4	-0.88	- 3.4	10.6/01.4	59696
2004 PB ₉₅	2009 11 12.6	03 11.40 +22 12.6 19.3	-0.94	- 7.5	1.4/13.8	59729
2003 TB ₁₆	2009 11 12.6	03 11.42 +04 56.8 19.5	-0.77	- 3.9	4.2/09.7	64211
2004 RZ	2009 11 12.6	03 11.45 +24 20.4 18.4	-0.93	-17.5	2.5/14.8	64222
2008 TF ₁₄₉	2009 11 12.6	03 11.46 +19 51.7 19.9	-0.59	- 1.3	0.4/13.1	50449
2007 EQ ₄₇	2009 11 12.6	03 11.49 +22 46.9 20.7	-1.11	- 2.2	2.2/13.6	19393
2005 PA ₁₁	2009 11 12.6	03 11.50 +06 54.8 20.7	-1.04	- 3.6	4.2/10.5	40692
2005 NU ₁₂₄	2009 11 12.6	03 11.51 +23 43.8 20.3	-1.12	- 4.2	2.5/13.9	24030

2005 WA ₆₈	2009 11 12.6	03 11.52 +15 34.6 19.7	-0.96 - 3.6	0.8/12.2	64275
2001 VZ ₂₆	2009 11 12.6	03 11.52 +17 24.7 18.2	-1.00 - 0.9	0.2/12.6	64169
2008 LX ₁₀	2009 11 12.7	03 11.45 +05 25.0 21.1	-1.13 + 0.3	4.7/10.7	40633
2005 MR ₁₅	2009 11 12.7	03 11.47 +30 41.3 18.3	-1.12 -15.7	5.1/16.8	63707
2005 XJ ₅₃	2009 11 12.7	03 11.48 +22 31.4 20.2	-1.02 - 4.3	1.8/13.7	26109
2007 EH ₁₃₄	2009 11 12.7	03 11.49 +23 09.7 21.0	-1.04 - 2.5	1.9/13.8	20567
2004 TM ₉₄	2009 11 12.7	03 11.51 +17 33.2 20.4	-0.90 - 4.0	0.1/12.7	64231
2008 KP ₁₀	2009 11 12.7	03 11.53 +10 56.2 20.8	-1.08 - 2.9	2.7/11.4	41681
2007 HM ₇	2009 11 12.7	03 11.53 +08 04.1 20.2	-0.77 - 5.1	3.0/10.4	20630
2004 RL ₁₆₀	2009 11 12.7	03 11.54 +24 47.3 19.8	-0.95 - 4.3	2.7/14.3	95386
2002 JR ₇₅	2009 11 12.7	03 11.55 +16 33.9 19.0	-0.95 - 0.3	0.4/12.5	64185
2006 BL ₁₄₇	2009 11 12.7	03 11.56 +15 40.9 20.2	-0.90 - 2.5	0.7/12.3	64290
2001 BA ₂₇	2009 11 12.7	03 11.59 +07 16.9 20.0	-0.84 - 3.4	3.1/10.4	60735
2005 ST ₂₂₃	2009 11 12.7	03 11.68 +10 04.5 21.3	-0.90 - 6.6	3.5/10.9	21838
2004 FX ₁₀₆	2009 11 12.7	03 11.70 +17 21.2 20.4	-1.07 - 5.2	0.2/12.6	64218
2003 RT ₄	2009 11 12.7	03 11.70 +32 38.7 19.5	-0.98 - 1.8	4.8/15.9	64206
2005 WZ ₁₃₄	2009 11 12.7	03 11.72 +10 30.2 19.9	-0.91 - 2.1	2.5/11.3	64277
2006 BC ₂₆₅	2009 11 12.7	03 11.72 +09 04.7 21.5	-0.78 - 3.4	2.5/10.8	41843
2005 WE ₁₅₈	2009 11 12.7	03 11.75 +34 41.1 19.1	-0.95 - 8.6	7.3/17.6	96557
2003 QH ₂₀	2009 11 12.7	03 11.75 +34 19.6 19.5	-1.02 - 1.7	4.9/16.3	64205
2001 QG ₆₈	2009 11 12.7	03 11.77 +09 47.3 19.8	-0.99 - 9.0	2.9/10.7	64161
2005 SX	2009 11 12.7	03 11.84 +19 39.8 19.7	-1.04 - 6.8	0.7/13.2	64252
2006 BU ₁₀₂	2009 11 12.7	03 11.87 +19 00.1 20.5	-0.89 - 3.8	0.4/13.0	62477
2006 GV ₁₇	2009 11 12.7	03 11.91 +14 39.3 20.1	-0.84 - 2.8	1.1/12.1	64295
2005 TN ₁₆	2009 11 12.7	03 11.92 +26 27.3 21.0	-1.15 - 2.9	3.2/14.5	12911
2005 XJ ₇₆	2009 11 12.7	03 11.93 +17 32.8 19.6	-0.98 - 2.1	0.1/12.7	64280
2005 YW ₁₀	2009 11 12.7	03 11.94 +19 06.5 20.1	-0.95 - 4.2	0.5/13.1	64280
2006 CK ₄₂	2009 11 12.8	03 11.90 +01 36.1 20.4	-0.78 - 5.1	4.9/08.8	62480
2003 BZ ₅₁	2009 11 12.8	03 11.91 +08 50.7 19.9	-1.00 - 5.4	3.6/10.8	64200
2005 YU ₁₁₀	2009 11 12.8	03 11.92 +16 44.2 19.8	-0.90 - 4.9	0.4/12.6	64283
2005 WZ ₁₆₇	2009 11 12.8	03 11.92 +18 02.8 19.9	-0.95 - 4.3	8.6/24.0	19673
2005 NW ₁₂₂	2009 11 12.8	03 11.92 +05 53.4 18.7	-1.05 - 0.3	5.5/10.8	64245
2003 UU ₁₃₈	2009 11 12.8	03 11.96 +26 42.1 19.9	-0.96 - 1.1	2.8/14.6	86139
2000 EV ₁₉₃	2009 11 12.8	03 11.99 +19 33.0 21.4	-1.03 - 4.3	0.6/13.2	40087
2007 FZ ₁₀	2009 11 12.8	03 12.02 +22 56.1 20.0	-0.95 - 3.3	1.7/13.9	49018
1995 UV ₁₇	2009 11 12.8	03 12.03 +25 09.7 19.9	-1.00 - 2.9	2.8/14.4	64144
2004 DX ₂₅	2009 11 12.8	03 12.05 +19 14.2 20.0	-1.14 - 3.7	0.6/13.0	64215
2008 GV ₇₃	2009 11 12.8	03 12.08 +05 25.7 19.9	-1.03 - 2.8	5.7/10.4	40582
2003 SC ₁₉₃	2009 11 12.8	03 12.08 +24 39.7 19.6	-0.84 - 5.3	2.1/14.5	64209
2008 FO ₈	2009 11 12.8	03 12.09 +22 42.2 18.4	-1.89 +14.8	2.6/12.9	64327
2005 SX ₁₅₉	2009 11 12.8	03 12.09 +13 35.2 20.1	-1.00 - 6.9	1.7/11.8	63728
2004 YA ₃₅	2009 11 12.8	03 12.10 -05 30.9 18.4	-0.79 - 1.9	9.5/07.8	64239
2006 BR ₂₂₄	2009 11 12.8	03 12.12 -05 31.9 21.1	-0.74 - 3.2	6.3/07.4	53475
2008 PS ₁	2009 11 12.8	03 12.16 +37 50.6 20.5	-0.96 - 3.7	5.7/17.8	52507
2001 SR ₆₇	2009 11 12.8	03 12.19 +11 54.0 18.1	-0.94 - 3.2	2.7/11.6	64163
2006 AO ₁₀₀	2009 11 12.8	03 12.22 +23 30.4 19.8	-0.93 - 5.0	2.2/14.2	09492
2008 TY ₁₁₆	2009 11 12.8	03 12.22 +21 08.3 20.5	-0.58 - 1.0	0.6/13.6	63868
2005 UD ₄₀₅	2009 11 12.8	03 12.25 +13 49.4 19.7	-1.02 - 0.4	1.7/12.2	64270
2005 WA ₂₀₉	2009 11 12.8	03 12.25 +20 01.5 20.8	-0.96 - 4.2	0.8/13.4	20456
2005 ON ₈	2009 11 12.8	03 12.27 +00 36.9 21.4	-1.03 - 3.3	7.2/09.5	87713
2002 NX ₆₆	2009 11 12.8	03 12.28 +16 24.3 23.2	-1.17 - 4.3	9.4/03.0	26626

2003 SP ₁₆₇	2009 11 12.8	03 12.30 +26 13.4 18.8	-1.01 + 0.8	3.0/14.3	64208
2002 EQ ₁₄₁	2009 11 12.8	03 12.32 +20 34.6 20.0	-0.96 - 2.7	0.9/13.4	64183
2002 GA ₇₂	2009 11 12.9	03 12.27 +28 16.5 19.4	-1.13 + 0.6	3.6/14.6	97592
2000 EP ₅₁	2009 11 12.9	03 12.28 +19 20.4 21.2	-1.07 - 4.3	0.5/13.2	58793
2005 QO	2009 11 12.9	03 12.29 -07 44.4 19.2	-0.91 - 4.7	11.9/07.2	64246
2002 CR ₃	2009 11 12.9	03 12.32 +21 49.8 19.2	-1.06 - 1.5	1.6/13.7	64179
2007 HP ₁₉	2009 11 12.9	03 12.35 +16 28.9 20.6	-0.89 - 2.1	0.5/12.6	64320
2004 RH ₂₅₄	2009 11 12.9	03 12.41 +15 16.8 19.6	-0.97 - 1.6	0.9/12.4	64227
2005 SG ₇₄	2009 11 12.9	03 12.45 +11 42.0 20.7	-1.00 - 5.4	2.2/11.6	64253
2007 AZ ₂₂	2009 11 12.9	03 12.47 +06 46.6 20.1	-1.02 - 3.4	5.2/10.6	18186
2003 OT ₁₉	2009 11 12.9	03 12.48 +37 33.6 19.0	-0.98 - 6.0	6.9/18.3	64204
2004 JT ₂₈	2009 11 12.9	03 12.50 +13 30.3 20.7	-1.02 - 3.4	1.5/12.1	64220
2001 OZ ₃₈	2009 11 12.9	03 12.51 +33 28.3 19.1	-1.23 - 1.0	6.7/16.0	64160
2007 HU ₉₄	2009 11 12.9	03 12.53 +17 25.2 20.6	-0.95 - 2.2	7.2/24.0	64322
2006 XK ₂₀	2009 11 12.9	03 12.55 +03 08.4 19.7	-1.11 - 1.1	6.1/10.3	64301
2004 DR ₅₈	2009 11 12.9	03 12.55 +27 41.2 20.5	-0.72 - 2.2	2.2/15.2	64216
2002 GB ₈₇	2009 11 12.9	03 12.57 +04 33.0 19.9	-0.82 - 4.3	4.2/09.9	41781
2000 QA ₇₇	2009 11 12.9	03 12.58 +34 23.2 19.3	-1.21 - 3.0	5.9/16.6	58402
2007 JX ₄₁	2009 11 12.9	03 12.62 +06 59.8 22.8	-0.80 - 1.7	2.6/10.8	20889
2005 YN ₁₄₆	2009 11 12.9	03 12.63 +18 28.9 20.2	-0.95 - 2.7	8.7/03.0	64283
2006 VR ₉₁	2009 11 12.9	03 12.68 +16 09.5 19.6	-1.07 - 4.9	0.8/12.6	64299
2008 GZ ₆₉	2009 11 12.9	03 12.70 +07 12.4 21.2	-1.08 - 3.1	4.1/10.9	40211
2000 PG ₉	2009 11 12.9	03 12.71 +19 20.9 20.7	-1.11 - 0.6	0.5/13.2	64154
2003 SB ₃₂₃	2009 11 12.9	03 12.72 +25 52.5 20.4	-0.91 - 3.3	2.6/14.8	08765
2005 LK ₃₀	2009 11 12.9	03 12.73 +27 45.8 20.8	-1.16 - 6.6	3.8/15.3	64242
2005 WN ₇₃	2009 11 12.9	03 12.74 +15 40.4 19.2	-1.00 - 2.2	0.8/12.6	64275
2003 SE ₁₀₆	2009 11 12.9	03 12.76 +43 53.1 19.6	-1.12 - 2.5	8.4/19.5	41794
2001 FM ₁₈	2009 11 13.0	03 12.66 +24 14.8 20.8	-1.14 - 4.1	2.3/14.3	12748
2005 YS ₁₀₉	2009 11 13.0	03 12.70 +11 00.0 20.2	-0.89 - 3.7	2.4/11.5	64283
2005 SD ₄₁	2009 11 13.0	03 12.75 +20 50.3 20.0	-1.10 - 3.2	1.2/13.6	58509
2004 SJ ₁₈	2009 11 13.0	03 12.75 +12 32.0 18.8	-1.00 + 0.8	2.1/12.1	63685
2002 TJ ₁₄₈	2009 11 13.0	03 12.85 +24 34.5 20.2	-1.10 - 8.6	3.1/14.7	04231
2001 SC ₃₃₄	2009 11 13.0	03 12.86 +08 37.4 20.9	-0.94 - 5.5	3.7/10.9	64165
2006 AV ₄₁	2009 11 13.0	03 12.87 +17 54.8 19.5	-0.90 - 4.8	0.0/13.0	64286
2006 HO ₃₀	2009 11 13.0	03 12.89 +06 22.2 20.9	-0.82 - 2.8	3.1/10.5	02323
2005 QT ₁₃	2009 11 13.0	03 12.92 +00 46.0 19.5	-0.96 - 4.5	7.2/09.4	64247
2006 FJ ₄₆	2009 11 13.0	03 12.94 +10 15.4 20.6	-0.77 - 3.0	2.1/11.4	64295
2001 XN ₁₉₅	2009 11 13.0	03 12.94 -02 16.6 20.3	-0.96 - 1.5	7.1/08.9	20755
2005 UL ₃₃₇	2009 11 13.0	03 12.96 +18 46.2 21.2	-1.07 - 3.0	0.3/13.2	58517
2005 WZ ₆₆	2009 11 13.0	03 12.97 +16 47.3 20.5	-0.97 - 2.9	0.4/12.8	64275
2003 SJ ₂₄₇	2009 11 13.0	03 12.98 +17 37.4 19.8	-0.85 - 3.4	0.1/13.0	64209
2000 CL ₇₃	2009 11 13.0	03 12.99 +17 22.1 19.3	-0.84 - 3.5	0.2/12.9	64152
2007 DQ ₃₃	2009 11 13.0	03 13.04 +11 13.3 21.0	-0.90 - 3.7	2.1/11.6	41862
2004 TS ₃₉	2009 11 13.0	03 13.04 +16 32.8 20.4	-0.90 - 4.2	0.5/12.8	64230
2006 CD ₅₃	2009 11 13.0	03 13.07 -00 45.9 21.5	-0.77 - 2.8	5.0/08.9	21176
2007 DC ₁₁	2009 11 13.0	03 13.09 +29 48.6 21.4	-1.03 - 2.8	3.8/15.6	19701
2004 RV ₈₄	2009 11 13.0	03 13.11 -26 22.0 21.4	-0.91 - 3.8	13.6/02.7	70417
2000 YK ₄₂	2009 11 13.0	03 13.12 +28 32.2 18.4	-0.93 - 6.2	4.2/15.7	64158
2007 DK ₁₈	2009 11 13.0	03 13.13 +22 08.6 21.7	-0.97 - 3.4	1.3/14.0	47419
2001 XB ₁₃₃	2009 11 13.0	03 13.13 +26 35.1 19.1	-0.97 -11.9	3.4/15.6	64174
2003 FX ₁₃₂	2009 11 13.0	03 13.13 +21 51.2 22.3	-1.03 - 2.4	1.3/13.9	61877

2004 PL ₈₉	2009 11 13.1	03 13.07 +20 22.5 19.2	-0.94	- 7.1	0.8/13.7	64222
2005 UU ₁₁₁	2009 11 13.1	03 13.14 +20 02.5 19.6	-1.01	- 4.1	0.8/13.6	64263
2004 PM ₅₈	2009 11 13.1	03 13.16 -03 47.8 20.4	-0.87	- 4.1	7.2/08.1	19618
2006 DD ₂₄	2009 11 13.1	03 13.18 +28 44.3 19.2	-0.97	- 1.8	3.8/15.3	64293
2002 EX ₁₅₄	2009 11 13.1	03 13.19 +02 39.5 20.1	-0.53	- 0.9	2.6/09.7	47209
2001 XP ₂₁₉	2009 11 13.1	03 13.20 +15 04.1 18.9	-1.19	+ 3.9	1.2/12.8	64175
2003 BR ₆₆	2009 11 13.1	03 13.22 +22 56.0 19.8	-1.09	- 3.8	2.0/14.2	64200
2006 BD ₂₇	2009 11 13.1	03 13.24 +36 47.1 20.2	-1.11	- 1.8	7.7/17.0	02272
2007 CX ₆₃	2009 11 13.1	03 13.24 -01 03.3 21.8	-0.83	- 3.7	5.1/08.8	19700
2006 BG ₂₁₀	2009 11 13.1	03 13.27 +30 57.7 19.7	-0.94	- 3.9	4.1/16.1	64291
2005 SG ₁₁₀	2009 11 13.1	03 13.36 +16 31.4 19.7	-0.93	- 4.6	0.7/12.8	64254
2001 VA ₄	2009 11 13.1	03 13.39 +21 22.9 19.7	-0.89	- 8.1	1.6/14.1	03259
2001 SN ₁₃₈	2009 11 13.1	03 13.40 +27 34.8 19.6	-1.13	- 2.0	3.9/15.0	16167
2002 CN ₁₈₆	2009 11 13.1	03 13.43 +08 53.0 19.7	-0.94	- 3.6	3.6/11.2	64181
2005 QE ₁₀₈	2009 11 13.1	03 13.44 +20 11.7 20.6	-1.10	- 4.5	0.9/13.6	90235
2003 TQ ₅₄	2009 11 13.1	03 13.44 +16 08.5 20.4	-0.87	- 0.9	0.5/12.8	64211
2003 UA ₃₃₉	2009 11 13.1	03 13.45 +16 32.5 20.1	-0.87	- 2.8	0.4/12.9	64213
2005 TP ₁₁₅	2009 11 13.1	03 13.45 +20 55.2 21.3	-1.07	- 4.0	1.1/13.8	96034
2007 GQ ₄₄	2009 11 13.1	03 13.46 +17 24.0 19.8	-0.97	- 1.5	0.2/13.1	64319
2005 QY ₄₅	2009 11 13.1	03 13.48 +04 36.9 19.7	-0.98	- 4.5	5.6/10.2	64247
2007 JQ ₉	2009 11 13.1	03 13.49 +14 32.1 19.9	-0.86	- 1.1	0.9/12.5	64322
2002 GV ₇₅	2009 11 13.1	03 13.50 +19 34.7 19.9	-1.19	- 5.8	0.7/13.5	64184
2005 RZ ₁₂	2009 11 13.1	03 13.51 +20 16.8 19.7	-1.03	- 1.7	1.1/13.6	63722
2005 TN ₁₁	2009 11 13.1	03 13.54 +18 03.2 19.8	-1.05	- 2.9	0.0/13.2	64258
2007 CG ₆₀	2009 11 13.1	03 13.55 +24 28.3 19.8	-1.10	- 5.1	2.5/14.6	19700
2001 HR ₄₆	2009 11 13.1	03 13.56 +21 44.3 19.7	-1.20	- 1.2	1.5/13.9	64160
2005 TW ₁₆₇	2009 11 13.1	03 13.56 +19 03.0 20.2	-1.03	- 3.7	0.4/13.4	18135
2005 QR ₁₅₀	2009 11 13.2	03 13.48 +09 05.4 19.4	-0.93	- 5.4	4.0/11.2	64250
2004 XS ₁₉₁	2009 11 13.2	03 13.49 +28 22.2 19.2	-1.10	+ 2.3	3.9/14.7	11076
2005 JV ₄₃	2009 11 13.2	03 13.51 +17 25.8 19.2	-1.22	- 1.3	0.2/13.1	63705
2002 XB ₆₉	2009 11 13.2	03 13.54 +64 26.4 18.8	-2.19	+ 5.8	21.0/19.6	59690
2004 RR ₈₁	2009 11 13.2	03 13.59 +27 05.9 19.8	-0.99	- 3.4	3.5/15.2	18087
2005 PB ₂	2009 11 13.2	03 13.59 -22 02.1 21.0	-1.02	- 0.9	14.4/05.3	39219
2003 EA ₄₉	2009 11 13.2	03 13.62 +15 29.0 19.8	-0.96	- 2.9	0.8/12.7	64202
2002 GX ₅₆	2009 11 13.2	03 13.66 +16 24.6 20.4	-0.88	- 5.9	0.4/12.9	31997
2005 UC ₂₃₄	2009 11 13.2	03 13.66 +12 34.5 20.2	-0.98	- 3.8	1.9/12.1	64267
2006 AB ₈₅	2009 11 13.2	03 13.67 -15 07.0 20.3	-0.85	+ 1.1	8.5/06.9	59770
2005 WU ₁₂₁	2009 11 13.2	03 13.68 +20 57.1 19.1	-0.91	- 8.8	1.3/14.0	63769
2002 JN ₆₉	2009 11 13.2	03 13.68 +06 54.1 19.8	-0.91	- 1.9	3.5/11.0	60764
2004 RF ₃₀₅	2009 11 13.2	03 13.69 +24 51.3 20.8	-0.98	- 4.3	2.5/14.8	41814
2007 CS ₁₉	2009 11 13.2	03 13.69 +18 17.3 21.4	-1.05	- 4.6	0.1/13.3	56088
2009 SS ₃₃₇	2009 11 13.2	03 13.72 +12 41.3 18.4	-0.75	-14.0	2.4/11.6	64049
2005 WG ₁₆₇	2009 11 13.2	03 13.73 +15 48.9 19.8	-1.02	- 1.9	0.9/12.8	63773
2008 GB ₃₀	2009 11 13.2	03 13.75 +04 38.2 19.7	-1.60	+ 8.2	6.4/12.3	40209
2006 BN ₂₁₂	2009 11 13.2	03 13.75 +31 45.4 20.1	-1.19	+ 1.3	5.6/15.4	64291
2004 FR ₁₃	2009 11 13.2	03 13.77 +25 59.5 20.1	-1.10	- 5.7	3.1/15.1	20790
2000 GV ₄₃	2009 11 13.2	03 13.79 +21 00.6 21.5	-1.07	- 2.8	1.0/13.9	13751
2005 SV ₂₁₂	2009 11 13.2	03 13.81 +20 57.1 20.9	-1.06	- 3.5	1.0/13.9	97838
2005 NV ₆₇	2009 11 13.2	03 13.81 +21 09.8 20.4	-1.12	- 5.2	1.3/14.0	87706
2005 TC ₉₉	2009 11 13.2	03 13.82 +30 02.3 19.7	-1.13	- 4.3	5.1/16.0	64259
2009 SD ₂₃₅	2009 11 13.2	03 13.83 +21 19.0 18.3	-1.06	- 0.8	1.7/13.9	64023

1995 SW ₅	2009 11 13.2	03 13.83 +00 56.3 20.3	-0.92	- 6.6	8.0/09.1	49639
2005 UR ₂₁₇	2009 11 13.2	03 13.83 +12 08.8 20.0	-0.93	- 5.8	2.4/11.9	64266
2005 QU ₇₆	2009 11 13.2	03 13.84 +26 20.3 19.5	-1.16	- 3.1	3.8/15.0	97796
2008 SP ₂₅₂	2009 11 13.2	03 13.86 +11 13.6 19.8	-0.53	- 2.6	1.3/11.7	64338
2000 FF ₆	2009 11 13.2	03 13.86 +21 00.2 20.6	-1.07	- 3.1	1.1/13.9	22668
1995 NR	2009 11 13.2	03 13.90 -06 18.7 21.2	-0.84	+ 0.6	5.9/08.7	01964
2004 TK ₁₈₇	2009 11 13.2	03 13.92 +15 19.5 19.4	-0.90	- 5.0	1.0/12.7	64232
2004 FT ₄₉	2009 11 13.2	03 13.95 +13 15.7 19.5	-1.02	- 7.2	2.1/12.2	64217
2002 UB ₃₀	2009 11 13.3	03 13.88 +04 19.0 20.6	-1.06	- 2.8	5.4/10.7	37974
2004 RJ ₂₆₉	2009 11 13.3	03 13.89 +19 25.4 20.6	-0.94	- 3.9	0.5/13.6	64227
2003 YR	2009 11 13.3	03 13.90 +56 23.0 18.9	-1.27	- 4.2	12.8/25.7	40684
2005 WM ₈₆	2009 11 13.3	03 13.91 +11 07.6 19.6	-1.07	+ 0.5	2.5/12.2	64275
2003 SN ₃₂₇	2009 11 13.3	03 13.97 +08 53.6 20.7	-0.82	- 6.5	3.0/11.1	63667
2000 GX ₈₉	2009 11 13.3	03 13.98 +14 22.2 19.4	-1.12	- 1.8	1.5/12.7	64153
2009 SS ₂₃₄	2009 11 13.3	03 14.02 +12 34.1 19.1	-0.81	- 5.4	3.0/12.0	64023
2006 BK ₁₁₃	2009 11 13.3	03 14.07 +20 04.7 20.0	-0.92	- 3.2	0.7/13.8	64289
1999 KQ ₆	2009 11 13.3	03 14.09 +02 43.2 22.3	-0.86	- 2.9	4.0/10.2	41070
2008 MX ₁	2009 11 13.3	03 14.11 +29 40.5 21.3	-1.00	- 6.5	3.9/16.2	64335
2005 UE ₂₃₂	2009 11 13.3	03 14.11 +17 18.4 19.9	-1.02	- 3.0	0.3/13.2	18145
2006 DD ₅	2009 11 13.3	03 14.13 +09 20.3 21.4	-0.80	- 3.6	2.5/11.4	47389
2002 PO ₁₄	2009 11 13.3	03 14.15 +17 17.2 20.1	-1.12	- 5.4	0.3/13.2	64187
2003 QG ₆₅	2009 11 13.3	03 14.15 +08 30.6 18.5	-0.91	+ 0.6	3.3/11.8	64206
2001 QV ₁₇₅	2009 11 13.3	03 14.16 +15 13.0 21.0	-1.04	- 4.3	1.1/12.8	64161
2007 BP ₆₅	2009 11 13.3	03 14.16 +25 32.6 20.3	-1.09	- 4.0	2.7/14.9	19696
2002 BJ ₂₉	2009 11 13.3	03 14.17 +14 52.7 18.6	-1.05	+ 0.4	1.3/12.8	64179
2001 KG ₇₄	2009 11 13.3	03 14.22 +19 22.7 18.5	-0.80	- 7.2	0.4/13.7	64160
2006 BJ ₂₇₇	2009 11 13.3	03 14.25 +25 00.3 21.2	-0.89	- 2.4	2.1/14.9	39792
2004 RC ₁₃₉	2009 11 13.3	03 14.32 +29 11.1 18.9	-0.97	- 7.2	4.1/16.3	64225
2001 OY ₂₉	2009 11 13.3	03 14.32 +28 58.5 19.1	-1.18	- 2.0	4.7/15.5	64160
2005 JW ₄₀	2009 11 13.3	03 14.33 +15 25.2 19.7	-1.06	- 8.7	1.2/12.8	87671
2000 CZ ₆₈	2009 11 13.3	03 14.34 +14 56.6 20.4	-0.83	- 3.2	1.0/12.7	64151
2007 FP ₂₇	2009 11 13.3	03 14.36 +21 45.9 20.7	-0.99	- 3.7	1.3/14.2	22885
2003 UH ₂₀₇	2009 11 13.3	03 14.36 +20 49.1 19.5	-0.82	- 4.2	0.9/14.0	64212
2002 CK ₂₁₂	2009 11 13.3	03 14.37 +21 14.1 19.3	-0.98	- 3.0	1.3/14.1	64181
2004 DL ₂₅	2009 11 13.3	03 14.37 +42 38.4 19.3	-1.30	-10.7	8.3/20.7	40684
2003 FE ₈₀	2009 11 13.3	03 14.38 +09 12.1 20.1	-0.93	- 4.6	2.9/11.4	64203
2002 QK ₅₂	2009 11 13.4	03 14.32 +12 58.8 21.1	-1.10	- 4.0	2.2/12.4	37298
2002 HQ ₁₄	2009 11 13.4	03 14.36 +23 10.2 19.6	-0.58	- 1.5	1.0/14.6	50928
2005 YP ₃₀	2009 11 13.4	03 14.39 +08 16.3 19.2	-0.97	- 3.4	4.2/11.3	64281
2001 UD ₂₀₇	2009 11 13.4	03 14.39 +22 32.8 20.0	-1.11	- 1.7	1.7/14.3	60749
2002 AP ₂₀₃	2009 11 13.4	03 14.41 +38 48.5 19.9	-1.12	- 4.0	8.4/18.0	38332
2000 SM ₃₀₈	2009 11 13.4	03 14.44 +39 51.8 19.4	-1.28	- 1.6	8.4/18.3	17922
2007 EP ₂₁₉	2009 11 13.4	03 14.62 +05 27.7 19.8	-0.95	- 3.9	5.1/10.7	39838
2004 CF ₂₁	2009 11 13.4	03 14.76 +16 16.6 20.2	-1.16	- 2.0	0.7/13.2	63673
2003 SL ₁₇₉	2009 11 13.4	03 14.76 +12 01.7 19.4	-0.86	- 1.1	2.1/12.3	64209
2005 SQ ₇₇	2009 11 13.4	03 14.80 +09 31.4 20.3	-0.99	- 5.1	3.2/11.6	64253
2008 SH ₂₃₆	2009 11 13.4	03 14.81 +52 36.7 20.6	-1.34	0.0	9.3/21.6	49069
2000 TB ₆	2009 11 13.5	03 14.70 +09 14.0 19.3	-0.89	- 6.7	3.2/11.3	64156
2008 SJ ₅₆	2009 11 13.5	03 14.73 +30 26.6 20.4	-0.66	- 0.5	2.3/16.1	47489
2002 TZ ₂₈₀	2009 11 13.5	03 14.76 +30 31.0 18.9	-1.26	- 1.1	5.7/15.8	64194
2005 VM ₈₃	2009 11 13.5	03 14.76 +13 14.0 19.3	-0.90	- 9.7	1.8/12.2	63756

2008 UB ₁₉₀	2009 11 13.5	03 14.77 +17 01.0	20.3	-0.57	- 1.8	0.2/13.3	64339
1997 WK ₁₄	2009 11 13.5	03 14.77 +13 28.8	20.2	-0.57	- 0.8	0.8/12.5	47129
2006 XN ₃₈	2009 11 13.5	03 14.77 +26 09.1	19.7	-1.14	- 5.4	3.6/15.3	16373
2006 EK ₄₄	2009 11 13.5	03 14.78 +00 51.8	20.4	-0.84	- 0.6	4.7/10.1	02306
2004 JO ₂₅	2009 11 13.5	03 14.79 +17 54.7	20.4	-1.00	- 4.4	0.0/13.5	64220
2005 SB ₇	2009 11 13.5	03 14.84 +14 28.3	19.1	-0.88	- 6.2	1.7/12.7	64252
2005 SL ₂₃₉	2009 11 13.5	03 14.85 +12 08.9	20.3	-1.02	- 5.3	2.5/12.2	64257
2003 SD ₄₁₇	2009 11 13.5	03 14.86 +02 41.4	22.0	-0.75	- 3.8	3.9/10.1	60348
2005 WM ₉	2009 11 13.5	03 14.89 +19 03.1	20.7	-0.96	- 4.5	0.3/13.8	64273
2003 WL ₁₉₃	2009 11 13.5	03 14.89 +30 15.7	20.4	-0.99	- 1.1	3.6/16.0	64213
2002 AG ₁₁₀	2009 11 13.5	03 14.90 -00 29.3	20.0	-0.93	- 1.7	6.5/09.8	37948
2006 BS ₉₅	2009 11 13.5	03 14.92 +15 07.8	20.5	-0.81	- 3.4	0.8/12.9	64289
2005 YG ₁₃₅	2009 11 13.5	03 14.93 +06 12.7	20.4	-0.93	- 0.7	3.7/11.4	20470
2000 EK ₂₃	2009 11 13.5	03 14.96 +15 12.6	19.1	-0.83	- 3.5	1.1/12.9	64152
2004 GM ₅₇	2009 11 13.5	03 14.96 +18 56.5	21.1	-1.05	- 4.3	0.3/13.7	90198
2008 NY ₄	2009 11 13.5	03 14.99 +28 20.2	20.9	-1.09	- 5.2	3.6/15.9	64335
2005 YA ₉₁	2009 11 13.5	03 15.04 +13 39.6	20.3	-0.89	- 3.7	1.5/12.6	64282
2003 SN ₁₇₀	2009 11 13.5	03 15.06 +09 13.4	19.9	-0.76	- 5.2	2.5/11.5	64208
2007 GP ₄₀	2009 11 13.5	03 15.08 +24 19.7	20.5	-1.14	+ 0.9	2.0/14.6	21363
2008 SM ₃₈	2009 11 13.5	03 15.13 +21 47.2	20.3	-0.57	- 1.4	0.7/14.4	64337
2002 PQ ₁₇₂	2009 11 13.5	03 15.15 +20 22.0	20.8	-0.80	- 3.8	0.6/14.1	64188
2005 WU ₅₃	2009 11 13.5	03 15.18 +13 05.3	20.4	-1.00	- 1.5	1.7/12.7	64275
2005 SS ₂₃₁	2009 11 13.6	03 15.12 +19 14.2	20.1	-0.97	- 2.2	0.6/13.8	43234
2005 WC ₁₈₈	2009 11 13.6	03 15.12 +16 12.3	19.2	-0.99	- 0.2	0.9/13.3	63774
2003 QX ₁₀₉	2009 11 13.6	03 15.13 +58 28.9	18.7	-1.30	- 4.3	14.3/26.4	47254
2003 SY ₃₁₈	2009 11 13.6	03 15.15 +11 12.1	20.1	-0.77	- 5.2	1.9/12.0	64210
2005 XK ₆₆	2009 11 13.6	03 15.15 -14 57.8	17.5	-0.83	+ 7.5	18.0/11.7	64279
1995 SV ₂₅	2009 11 13.6	03 15.15 +22 20.5	21.0	-1.13	- 3.4	1.8/14.5	39133
2006 FM ₁₀	2009 11 13.6	03 15.16 +01 19.4	20.3	-0.82	- 3.0	4.9/09.9	03881
2004 JH ₁₉	2009 11 13.6	03 15.19 +24 48.9	19.9	-1.06	- 5.7	2.5/15.1	64219
2007 DH ₉₂	2009 11 13.6	03 15.19 +12 21.9	19.0	-0.93	- 3.1	2.9/12.4	64309
2005 LZ ₄₅	2009 11 13.6	03 15.19 -08 57.7	19.8	-0.56	- 0.4	5.1/07.7	64242
2007 HD ₂₉	2009 11 13.6	03 15.24 +14 08.3	20.5	-0.83	- 1.5	1.1/12.9	64320
2003 GC ₃₄	2009 11 13.6	03 15.25 +02 36.5	19.7	-0.89	- 5.5	5.5/10.0	64203
2005 QV ₅₅	2009 11 13.6	03 15.25 +22 21.2	19.1	-1.08	- 3.5	1.9/14.5	64248
2008 JG ₃₆	2009 11 13.6	03 15.26 +13 21.8	20.8	-1.02	- 4.1	1.7/12.7	40050
2007 DX ₈₇	2009 11 13.6	03 15.28 +16 33.3	20.2	-0.99	- 2.6	0.5/13.3	64309
2008 SZ ₂₄₄	2009 11 13.6	03 15.30 +21 58.5	19.7	-0.60	- 1.3	0.8/14.5	63867
2001 PE ₂₄	2009 11 13.6	03 15.30 -25 41.2	19.6	-1.16	+ 1.1	20.9/04.6	35779
2004 RY ₂₁₅	2009 11 13.6	03 15.30 +43 13.3	19.7	-1.21	- 3.5	7.7/19.9	59736
2002 XK ₃₅	2009 11 13.6	03 15.33 +23 25.1	19.1	-0.98	- 7.2	2.6/15.0	64198
2001 XW ₁₈₀	2009 11 13.6	03 15.34 +32 17.1	19.9	-1.04	- 6.4	4.7/17.1	47190
2002 EK ₅₅	2009 11 13.6	03 15.37 +05 25.8	19.8	-0.86	- 4.6	4.1/10.8	19574
2005 EL ₂₇₂	2009 11 13.6	03 15.38 +17 59.3	21.2	-0.66	- 2.1	0.0/13.6	64241
2008 JX	2009 11 13.6	03 15.40 +14 20.6	19.9	-1.04	- 3.9	1.6/12.9	64333
2001 OW ₁₂	2009 11 13.6	03 15.42 +27 24.4	19.4	-1.10	- 4.6	4.2/15.8	64160
2004 XJ ₂₇	2009 11 13.6	03 15.44 +14 13.5	19.8	-0.91	- 1.2	1.2/12.9	64237
2005 QF ₅₂	2009 11 13.6	03 15.50 +21 16.1	20.4	-1.10	- 4.4	1.4/14.3	87731
2006 BE ₂₁₂	2009 11 13.6	03 15.52 +53 12.1	21.3	-1.25	- 0.9	8.7/22.1	43256
2005 YW ₂₀₄	2009 11 13.6	03 15.53 +03 47.1	19.4	-0.84	- 4.1	5.1/10.4	43249
2005 US ₁₈₀	2009 11 13.6	03 15.57 +13 34.7	19.3	-1.00	- 2.5	1.9/12.8	64265

2001 QG ₁₆₁	2009 11 13.6	03 15.57 +20 59.8	19.6	-1.08	- 3.9	1.2/14.3	64161
2002 AM ₄₅	2009 11 13.6	03 15.60 -04 45.4	20.4	-0.88	- 1.8	6.9/09.0	59675
2004 XZ ₃₇	2009 11 13.7	03 15.53 -00 48.9	19.0	-0.80	- 4.0	6.7/09.4	63697
2009 UM ₈₂	2009 11 13.7	03 15.53 +14 14.9	19.7	-0.92	- 5.2	1.5/12.8	64077
2006 BJ ₁	2009 11 13.7	03 15.53 +14 02.5	19.0	-0.91	- 3.2	1.7/12.9	64288
2004 RU ₉₅	2009 11 13.7	03 15.54 -14 39.9	20.1	-0.82	- 5.7	11.6/04.8	69982
2004 RV ₁₇₀	2009 11 13.7	03 15.56 +26 11.6	19.8	-1.02	- 2.3	2.6/15.4	59734
2001 XH ₁₈₃	2009 11 13.7	03 15.57 +18 54.1	19.9	-0.98	- 4.4	0.3/13.9	19560
2005 YF ₈₆	2009 11 13.7	03 15.60 +23 41.9	20.1	-0.95	- 4.2	2.0/15.0	64282
1999 TO ₁₆₃	2009 11 13.7	03 15.60 +18 26.3	19.6	-1.22	- 0.9	0.2/13.8	64149
2006 BW ₄₉	2009 11 13.7	03 15.60 +16 42.0	20.4	-0.92	- 2.5	0.5/13.4	64288
2003 OE ₁₆	2009 11 13.7	03 15.61 +23 33.5	19.6	-0.85	- 5.8	1.8/15.1	46026
2006 BS ₁₂₀	2009 11 13.7	03 15.61 +14 25.2	20.0	-0.84	- 4.2	1.2/12.9	21355
2001 QQ ₆₁	2009 11 13.7	03 15.61 +23 58.6	19.9	-1.11	- 4.7	2.5/15.0	64161
2001 SS ₃₁₆	2009 11 13.7	03 15.65 +36 09.2	18.2	-0.99	- 2.7	9.1/17.8	64165
2004 TE ₇₀	2009 11 13.7	03 15.65 +14 06.6	18.8	-0.94	- 1.8	1.5/13.0	64230
2005 WL ₅₃	2009 11 13.7	03 15.65 +15 09.7	19.9	-0.99	- 2.4	1.0/13.2	64275
2006 BQ ₉₉	2009 11 13.7	03 15.65 +08 02.6	19.8	-0.87	- 6.1	3.7/11.3	64289
2005 UE ₁₈₂	2009 11 13.7	03 15.66 +18 01.3	19.5	-1.05	- 1.6	0.0/13.7	64265
2004 SO ₅₀	2009 11 13.7	03 15.67 +20 52.8	19.7	-0.96	- 2.5	1.0/14.3	64229
2005 YF ₉₈	2009 11 13.7	03 15.72 +09 31.3	20.0	-1.03	+ 0.3	3.8/12.3	96760
2007 GG ₅₀	2009 11 13.7	03 15.76 +14 31.6	19.3	-0.89	- 7.7	1.2/12.8	63834
2002 TU ₁₁₇	2009 11 13.7	03 15.82 +32 53.7	18.9	-1.19	- 5.2	6.7/17.2	64193
2005 EA ₉₅	2009 11 13.7	03 15.88 -01 00.8	21.1	-0.61	- 2.3	3.9/09.4	24462
2005 YS ₉₆	2009 11 13.7	03 15.90 +13 35.7	20.3	-1.00	- 2.9	1.6/12.9	64282
2008 GE ₇₉	2009 11 13.7	03 15.91 +16 20.7	19.7	-1.06	- 0.6	0.6/13.5	64330
2004 PD ₉₈	2009 11 13.7	03 15.92 +26 57.8	19.3	-1.11	- 0.8	3.6/15.4	62395
2007 GH ₄	2009 11 13.7	03 15.92 +16 16.5	20.0	-0.94	- 1.9	0.6/13.4	64318
2007 LH ₂₀	2009 11 13.7	03 15.93 +10 44.6	20.8	-0.80	- 4.4	2.3/12.1	41875
2001 FD ₁₄₅	2009 11 13.7	03 15.93 +12 17.4	19.6	-0.95	+ 1.4	1.6/12.9	64159
2005 WQ ₁₆₄	2009 11 13.7	03 15.95 +17 23.0	20.1	-0.96	- 6.0	0.3/13.6	98011
2004 PA ₂₇	2009 11 13.7	03 15.96 +22 59.8	21.6	-1.00	- 3.7	1.6/14.8	17493
2004 FT ₁₂₅	2009 11 13.7	03 15.97 +15 47.2	21.0	-1.03	- 4.4	0.8/13.3	64218
2007 EL ₁₀₉	2009 11 13.7	03 15.98 +24 28.4	20.3	-1.10	- 0.7	2.3/14.9	42876
2005 XS ₂₈	2009 11 13.7	03 15.99 +10 44.0	17.9	-1.13	+ 5.2	3.4/13.0	64279
2008 PY ₁₆	2009 11 13.7	03 16.04 +37 05.3	21.1	-1.14	- 2.6	5.8/18.0	42992
2003 FW ₃₀	2009 11 13.8	03 15.94 +21 38.2	21.4	-0.96	- 2.4	1.0/14.5	39185
2006 FL ₄₆	2009 11 13.8	03 15.96 -02 33.4	21.0	-0.76	- 2.4	5.2/09.2	24487
2006 BN ₂₂₃	2009 11 13.8	03 15.98 +09 20.0	20.2	-0.83	- 3.4	2.8/11.9	64291
2007 BH ₅₈	2009 11 13.8	03 15.99 +24 01.3	20.7	-1.07	- 4.1	2.0/15.0	43272
2001 XT ₇₀	2009 11 13.8	03 16.02 +07 26.9	19.0	-0.94	- 3.4	4.4/11.6	64173
2005 YP ₃₃	2009 11 13.8	03 16.03 +05 47.3	18.8	-0.88	- 0.1	6.0/11.6	63780
2001 SS ₈	2009 11 13.8	03 16.04 +22 30.5	20.8	-1.07	- 2.9	1.5/14.7	16164
2002 AB ₁₃₃	2009 11 13.8	03 16.04 +10 21.3	20.9	-0.96	- 2.7	2.7/12.3	19565
2007 JQ ₄₃	2009 11 13.8	03 16.05 -06 01.0	20.6	-0.74	- 3.9	6.4/08.0	47435
2006 BZ ₈₈	2009 11 13.8	03 16.05 +07 59.8	19.6	-0.88	- 2.6	3.8/11.7	64289
2005 OJ ₉	2009 11 13.8	03 16.13 +32 48.4	20.7	-1.26	- 5.0	5.3/17.2	87713
2005 UD ₄₈₆	2009 11 13.8	03 16.16 +27 56.2	19.8	-1.01	- 3.2	4.8/16.0	64271
2006 AB ₂₃	2009 11 13.8	03 16.18 +19 49.4	19.9	-0.91	- 3.6	0.6/14.2	64286
2006 BV ₉₃	2009 11 13.8	03 16.19 +03 32.0	20.3	-0.78	- 3.6	4.3/10.6	62477
2005 QP ₇₈	2009 11 13.8	03 16.19 +09 05.4	19.2	-0.93	- 6.1	4.0/11.7	64249

2005 XX ₁₀₉	2009 11 13.8	03 16.20 +04 07.8 21.0	-0.77	- 3.2	4.0/10.8	43246
2005 WT ₁₅₆	2009 11 13.8	03 16.21 +13 32.5 19.0	-1.05	- 0.5	2.0/13.1	64277
2003 HL ₂₆	2009 11 13.8	03 16.22 +13 56.9 20.3	-0.95	- 4.0	1.5/13.0	64203
2001 OQ ₅₈	2009 11 13.8	03 16.23 +35 37.0 19.0	-1.28	- 2.9	6.9/18.0	64160
2007 CL ₅₉	2009 11 13.8	03 16.23 +15 18.1 19.9	-1.02	- 6.3	1.2/13.2	62504
2005 TO ₁₆₁	2009 11 13.8	03 16.24 +16 33.9 19.5	-0.98	- 7.7	0.6/13.5	19657
2002 CR ₂₂₉	2009 11 13.8	03 16.26 +12 18.6 21.6	-0.92	- 4.0	2.0/12.6	42608
2005 LP ₃₉	2009 11 13.8	03 16.29 +24 12.7 18.9	-0.94	-12.8	3.0/15.7	63707
2002 BY ₁₄	2009 11 13.8	03 16.33 +04 59.0 20.3	-1.01	+ 0.4	4.7/11.7	20759
2007 EH ₃₆	2009 11 13.8	03 16.35 -02 23.6 20.3	-0.86	- 2.6	6.1/09.5	59790
2001 PW ₁₆	2009 11 13.8	03 16.38 -08 35.7 21.3	-0.93	- 6.2	8.6/07.3	60821
2002 VD ₇₃	2009 11 13.8	03 16.38 +13 51.0 18.6	-1.08	+ 0.6	2.1/13.2	63647
2004 MS ₇	2009 11 13.8	03 16.38 +21 52.4 19.7	-1.11	0.0	1.3/14.5	62394
2006 BK ₂₆₀	2009 11 13.8	03 16.41 +13 55.6 20.4	-0.81	- 2.8	1.2/13.0	64291
2005 SK ₈₇	2009 11 13.8	03 16.42 +18 58.1 20.8	-1.07	- 3.4	0.3/14.1	41196
2005 SR ₂₇₉	2009 11 13.8	03 16.42 +18 06.1 19.3	-1.01	- 1.2	0.0/13.9	63731
2002 RZ ₁₃₆	2009 11 13.8	03 16.43 +15 17.3 19.3	-1.04	- 3.2	1.5/13.3	63633
2005 NV ₉₇	2009 11 13.9	03 16.37 +09 20.7 21.1	-1.08	- 3.5	3.5/12.2	40136
2006 GL ₂₅	2009 11 13.9	03 16.40 +17 45.5 20.8	-0.85	- 2.7	0.1/13.8	64295
2004 JO ₁₄	2009 11 13.9	03 16.42 +09 59.2 20.0	-1.00	- 3.1	3.0/12.3	64219
2002 YJ ₂₃	2009 11 13.9	03 16.44 +05 31.7 18.9	-1.01	- 1.4	5.6/11.6	64199
2004 JK ₄	2009 11 13.9	03 16.46 +15 52.7 21.5	-1.00	- 4.1	0.7/13.5	40124
2004 XR ₁₀₄	2009 11 13.9	03 16.47 -06 17.7 20.0	-0.88	+ 0.8	6.4/09.3	02233
2000 SY ₁₃₁	2009 11 13.9	03 16.48 +31 31.5 19.0	-1.01	- 8.1	5.1/17.5	64156
2005 YQ ₅₇	2009 11 13.9	03 16.50 +12 49.9 20.4	-0.93	- 2.2	1.9/12.9	63781
2005 UL ₁₆₉	2009 11 13.9	03 16.50 +19 16.8 19.7	-0.92	- 7.6	0.5/14.2	64265
2006 BB ₁₅₂	2009 11 13.9	03 16.52 +16 57.8 20.1	-0.91	- 2.4	0.4/13.7	64290
2003 ER ₂₆	2009 11 13.9	03 16.52 +26 50.1 19.5	-1.11	- 2.1	3.3/15.6	64201
2006 BX ₇₈	2009 11 13.9	03 16.55 -04 46.1 20.7	-0.77	- 2.1	5.9/08.9	62477
2000 CZ ₁₃₆	2009 11 13.9	03 16.55 +06 51.1 19.6	-0.82	- 2.3	3.6/11.6	64152
2003 FL	2009 11 13.9	03 16.55 +10 25.0 20.3	-0.98	- 2.1	2.8/12.5	64202
2003 SR ₂₃₅	2009 11 13.9	03 16.60 +31 25.2 19.7	-0.96	- 2.1	4.2/16.8	64209
2002 AE ₁₀₅	2009 11 13.9	03 16.63 +20 34.0 19.6	-1.00	- 3.7	0.9/14.5	64178
2005 NT ₄₈	2009 11 13.9	03 16.67 +12 15.5 19.2	-1.02	- 1.7	2.9/12.9	64244
2005 UH ₂₁₂	2009 11 13.9	03 16.69 +15 49.9 19.7	-0.98	- 4.2	0.9/13.5	64266
2004 CF ₃₇	2009 11 13.9	03 16.71 +30 08.3 19.4	-1.18	- 5.1	4.8/16.6	64215
2003 FW ₁₀₅	2009 11 13.9	03 16.73 +09 29.8 20.3	-0.95	- 2.8	2.9/12.2	26657
2005 YC ₃₄	2009 11 13.9	03 16.75 +23 36.4 19.8	-0.93	- 4.1	1.8/15.2	64281
2003 UW ₆₆	2009 11 13.9	03 16.80 +15 19.1 19.4	-0.89	- 1.2	1.0/13.5	64211
2001 UD ₁₂₇	2009 11 13.9	03 16.83 +09 45.1 18.3	-0.97	- 2.7	3.4/12.3	64168
2004 XF ₁₂₁	2009 11 14.0	03 16.75 +35 35.1 19.1	-0.93	- 5.6	5.3/18.4	59748
2008 SP ₁₀₇	2009 11 14.0	03 16.77 +13 13.7 20.3	-0.53	- 4.1	1.0/12.8	49054
2007 EU ₆₉	2009 11 14.0	03 16.80 +29 52.9 20.0	-1.08	- 1.1	3.8/16.2	64312
2004 FH ₁₆₅	2009 11 14.0	03 16.81 -12 58.2 20.1	-1.17	+ 4.6	11.8/10.5	62390
2004 SA ₃	2009 11 14.0	03 16.82 +26 51.6 19.6	-1.07	- 0.1	3.3/15.5	28856
2008 OZ ₁₈	2009 11 14.0	03 16.84 +20 14.6 18.8	-1.14	+ 3.6	0.7/14.3	64335
2007 EP ₁₅₆	2009 11 14.0	03 16.85 +21 29.1 21.4	-0.92	- 4.0	0.9/14.7	59791
2003 UE ₁₁₅	2009 11 14.0	03 16.87 +19 54.3 20.0	-0.85	- 1.5	0.5/14.4	64212
2002 PZ ₁₂₉	2009 11 14.0	03 16.88 +10 24.4 19.4	-1.16	- 0.7	3.3/12.8	64188
2008 GH ₁₃₇	2009 11 14.0	03 16.88 +11 38.2 20.5	-1.18	- 0.3	2.6/13.0	43300
2001 DG ₁₁₁	2009 11 14.0	03 16.89 +19 56.3 19.4	-1.10	- 7.0	0.7/14.4	64159

2008 HQ ₃₆	2009 11 14.0	03 16.90 +06 23.3 20.0	-0.99	- 4.0	4.6/11.6	41651
1996 RU ₁₆	2009 11 14.0	03 16.91 +14 45.0 20.0	-0.95	- 4.3	1.3/13.3	64145
2001 KX ₄₃	2009 11 14.0	03 16.93 +07 10.4 19.6	-1.02	- 4.5	4.3/11.7	64160
2004 RF ₈₃	2009 11 14.0	03 16.93 +22 52.1 19.8	-0.98	- 2.9	1.7/15.0	19624
1999 LP ₃	2009 11 14.0	03 16.94 +15 10.4 21.0	-0.90	- 6.7	0.9/13.3	68539
2007 BF ₆₈	2009 11 14.0	03 16.94 +10 51.0 19.0	-0.98	- 2.8	3.6/12.6	64305
2008 HJ ₆₂	2009 11 14.0	03 16.94 +09 21.5 21.0	-1.02	- 5.4	3.4/12.1	50128
2005 YA ₃₅	2009 11 14.0	03 17.01 +26 50.0 20.2	-0.92	- 4.5	2.6/16.0	54157
2005 MB ₂₂	2009 11 14.0	03 17.02 +09 25.7 21.5	-1.08	- 3.1	3.4/12.4	39215
2002 PP ₁₇₀	2009 11 14.0	03 17.03 +21 46.8 20.7	-1.19	- 3.3	1.4/14.7	55948
2005 YV ₃₉	2009 11 14.0	03 17.07 +09 06.9 20.0	-0.90	- 2.1	3.2/12.3	64281
2001 XX ₂₀₅	2009 11 14.0	03 17.12 +09 35.1 18.3	-0.91	- 1.9	4.2/12.4	64174
2002 DU ₈	2009 11 14.0	03 17.13 +08 05.7 17.9	-1.15	+ 5.6	4.6/13.0	64182
2005 YS ₂₄	2009 11 14.0	03 17.16 +10 23.9 19.7	-0.94	- 2.2	3.1/12.5	63779
2000 SB ₃	2009 11 14.0	03 17.16 -10 32.8 20.2	-0.93	- 8.2	9.7/07.0	39144
2004 DN ₂₈	2009 11 14.0	03 17.17 +13 04.1 20.3	-0.66	- 2.4	1.2/13.0	64215
2006 BL ₂₁₆	2009 11 14.0	03 17.18 -00 51.2 19.7	-0.97	+ 0.6	7.7/10.7	63792
2005 YO ₂₂₀	2009 11 14.1	03 17.20 +10 18.9 19.5	-0.97	- 0.6	2.8/12.7	64285
2008 UM ₁₅	2009 11 14.1	03 17.22 +17 15.2 20.4	-0.55	- 2.6	0.2/13.9	64339
2004 GK ₁₇	2009 11 14.1	03 17.23 +17 21.4 20.7	-1.08	- 2.9	0.3/14.0	64218
2002 CZ ₂₅₃	2009 11 14.1	03 17.32 +25 39.9 18.6	-0.91	-10.0	3.2/16.2	64181
2003 SW ₃₉₅	2009 11 14.1	03 17.32 +10 10.0 20.2	-0.84	- 1.0	2.3/12.6	64210
2005 MD ₄₃	2009 11 14.1	03 17.35 +29 36.4 19.5	-1.11	- 5.5	5.2/16.8	64243
2008 GE ₆₉	2009 11 14.1	03 17.40 +10 06.9 21.4	-1.02	- 5.4	3.0/12.4	39991
2007 DP ₂₈	2009 11 14.1	03 17.40 +04 20.6 19.7	-0.95	- 4.0	6.0/11.2	21876
2007 EQ ₇	2009 11 14.1	03 17.42 +26 03.3 20.0	-1.05	- 2.4	4.0/15.7	20851
2004 MT ₇	2009 11 14.1	03 17.46 +20 49.2 19.6	-1.10	0.0	0.9/14.6	64220
2006 BU ₅₀	2009 11 14.1	03 17.46 -04 21.7 20.9	-0.77	- 1.5	5.8/09.5	41840
2002 AM ₂₀₃	2009 11 14.1	03 17.50 +13 18.6 19.9	-0.95	- 3.2	1.9/13.2	64179
2009 PY ₂	2009 11 14.1	03 17.51 -36 32.6 19.1	-1.38	+26.8	27.0/07.6	64344
2005 XF ₃₀	2009 11 14.1	03 17.51 +15 56.1 20.2	-0.96	- 5.5	0.8/13.7	11152
2006 BF ₁₅₇	2009 11 14.1	03 17.53 +34 01.9 21.2	-0.95	- 1.8	4.3/17.5	48990
2005 QK ₄₁	2009 11 14.1	03 17.54 +62 42.2 20.2	-1.92	+ 0.8	19.9/29.0	90227
2002 VR ₂₄	2009 11 14.1	03 17.61 +18 06.2 18.3	-0.93	- 5.1	0.1/14.2	64196
2007 CH ₅₂	2009 11 14.2	03 17.57 +28 43.1 20.0	-1.21	- 2.1	4.5/16.2	58084
1995 QA ₆	2009 11 14.2	03 17.57 +22 03.7 20.0	-0.56	- 2.8	0.7/15.1	64144
2007 DU ₃₅	2009 11 14.2	03 17.60 +36 21.5 20.5	-1.18	- 1.9	6.5/18.0	17743
2002 XR ₁₁₇	2009 11 14.2	03 17.62 +09 27.7 18.2	-0.96	+ 1.3	4.8/12.8	63652
2006 XO ₂₇	2009 11 14.2	03 17.64 +22 46.7 19.0	-1.12	- 6.4	2.1/15.2	64301
2004 GF ₈₀	2009 11 14.2	03 17.65 +16 53.0 21.0	-1.04	- 3.9	0.5/13.9	64218
2005 WQ ₉₄	2009 11 14.2	03 17.67 +12 25.4 18.9	-0.98	- 0.9	2.6/13.2	64276
2007 EE ₁₀	2009 11 14.2	03 17.73 +20 16.7 20.9	-1.00	- 3.4	0.7/14.7	64311
2006 DU ₁₂₃	2009 11 14.2	03 17.76 +11 21.4 21.3	-0.76	- 3.5	1.8/12.7	47395
2006 DD ₈₇	2009 11 14.2	03 17.77 +14 58.6 20.2	-0.81	- 2.8	0.9/13.6	64293
2004 XX ₅₉	2009 11 14.2	03 17.77 +08 12.1 17.9	-0.92	+ 2.7	4.4/12.8	64237
2000 DN ₃₅	2009 11 14.2	03 17.78 +03 10.9 19.4	-0.78	- 3.7	4.7/10.8	64152
2005 WF ₁₀₄	2009 11 14.2	03 17.81 +10 14.7 18.8	-1.00	- 1.2	3.4/12.8	64276
2001 NE ₁₀	2009 11 14.2	03 17.83 +21 04.0 19.8	-1.10	- 3.2	1.2/14.8	62314
2008 RY ₉₅	2009 11 14.2	03 17.83 +33 39.7 19.7	-0.94	- 3.2	4.5/17.7	58611
2002 ES ₁₃₇	2009 11 14.2	03 17.83 +26 17.0 20.0	-1.02	- 1.9	2.9/15.8	64183
2007 ED ₁₉₈	2009 11 14.2	03 17.84 +22 36.5 19.9	-1.08	- 3.4	2.0/15.1	19447

2003 CP ₅	2009 11 14.2	03 17.85 +30 11.5 19.7	-0.81 - 2.1	3.3/16.8	64201
2001 SJ ₂₇₅	2009 11 14.2	03 17.90 -03 25.7 21.8	-1.01 - 6.2	8.9/09.7	74101
2003 SZ ₂₆	2009 11 14.2	03 17.91 +03 34.7 20.3	-0.79 - 5.6	4.4/10.8	32921
2008 GZ ₄₇	2009 11 14.2	03 17.91 +08 28.6 19.9	-0.95 - 4.9	3.6/12.2	64330
2003 SP ₃₀₀	2009 11 14.2	03 17.95 +28 52.5 20.4	-0.91 - 3.6	3.2/16.6	64210
2000 JV ₈	2009 11 14.2	03 17.96 +16 56.3 20.6	-1.03 - 3.0	0.4/14.0	14600
2003 QC ₅₈	2009 11 14.2	03 18.00 +41 36.1 19.0	-1.13 - 0.2	8.8/19.1	97664
2006 BY ₁₆₁	2009 11 14.2	03 18.00 +12 26.0 19.8	-0.94 - 2.2	2.1/13.1	97097
2002 CO ₁₉	2009 11 14.2	03 18.05 +20 59.9 20.3	-0.97 - 2.6	0.9/14.8	20759
2003 FS ₁₃₁	2009 11 14.2	03 18.07 +15 52.9 21.0	-0.98 - 1.4	0.8/13.9	10974
2005 WC ₉₁	2009 11 14.3	03 18.01 +23 33.0 19.2	-1.07 - 2.2	2.1/15.3	20825
2003 HY ₃₄	2009 11 14.3	03 18.02 +05 55.7 20.1	-0.87 - 6.5	4.1/11.4	64203
2005 SC ₁₆₉	2009 11 14.3	03 18.04 +22 26.0 19.5	-1.07 - 5.3	1.7/15.2	59758
2007 AF ₂₁	2009 11 14.3	03 18.05 +06 50.0 19.9	-1.01 - 3.5	5.1/12.0	18186
2003 UT ₉₆	2009 11 14.3	03 18.06 +11 12.8 19.3	-0.78 - 5.9	2.2/12.6	63669
2004 LP ₁₇	2009 11 14.3	03 18.07 +09 56.7 19.5	-1.01 - 1.1	2.9/12.9	64220
2001 QW ₄₁	2009 11 14.3	03 18.08 +21 42.7 19.0	-1.08 - 4.0	1.6/15.0	64161
2007 DO ₇	2009 11 14.3	03 18.08 +25 00.7 19.9	-1.13 - 3.7	2.8/15.7	64307
2004 DT ₄₄	2009 11 14.3	03 18.09 +30 44.9 20.5	-1.21 - 3.6	4.7/16.9	64215
2007 DF ₂	2009 11 14.3	03 18.09 +17 09.8 19.3	-1.14 0.0	0.5/14.1	63815
2002 TT ₁₅₄	2009 11 14.3	03 18.17 +26 47.3 18.8	-1.05 - 7.1	4.1/16.4	64194
2005 QD ₂₀	2009 11 14.3	03 18.18 +35 08.2 18.8	-1.15 - 3.4	8.2/18.2	64247
2005 MF ₂₇	2009 11 14.3	03 18.26 +03 36.7 20.7	-1.06 - 2.1	5.9/11.7	86833
2007 DS ₃₈	2009 11 14.3	03 18.28 +25 25.6 20.4	-1.01 - 2.3	2.3/15.8	20849
2003 FX ₁₂₉	2009 11 14.3	03 18.29 +08 38.3 21.1	-0.94 - 2.0	3.0/12.5	64203
2005 QY ₅₉	2009 11 14.3	03 18.30 +16 46.3 19.9	-0.99 - 4.6	0.7/14.0	64248
2003 FZ ₁₀₅	2009 11 14.3	03 18.32 -02 50.7 20.4	-0.88 - 5.6	7.0/09.2	62370
2006 DG ₂₀₉	2009 11 14.3	03 18.33 +20 42.9 21.6	-0.86 - 2.0	0.7/14.9	04371
2007 JQ ₁₀	2009 11 14.3	03 18.33 +18 41.5 19.8	-0.94 - 7.6	0.1/14.5	21696
2008 PD ₁₇	2009 11 14.3	03 18.36 +51 32.8 19.1	-1.20 - 2.7	10.6/23.1	50138
2004 XS ₆₉	2009 11 14.3	03 18.37 +18 42.2 19.1	-0.92 - 0.7	0.2/14.5	64238
2005 TF ₁₀₀	2009 11 14.3	03 18.37 +25 17.7 20.2	-1.10 - 1.8	3.1/15.7	20404
2002 TB ₈	2009 11 14.3	03 18.39 +15 44.8 18.7	-0.95 - 5.8	1.3/13.8	63638
2003 EG ₃₃	2009 11 14.3	03 18.39 +00 40.2 20.3	-0.88 - 4.3	5.6/10.5	59695
2006 FP ₁₀	2009 11 14.3	03 18.40 +05 04.7 20.6	-0.79 - 4.8	4.1/11.3	47401
1999 VN ₁₄₁	2009 11 14.3	03 18.46 +19 56.6 20.8	-0.91 - 3.1	0.6/14.7	64150
2005 QE ₄₁	2009 11 14.3	03 18.46 +25 14.9 19.3	-1.12 - 5.1	2.9/15.9	64247
2007 EL ₁₃₅	2009 11 14.4	03 18.39 +16 22.7 21.0	-0.94 - 4.1	0.6/14.0	63826
1995 SE ₃₁	2009 11 14.4	03 18.41 +30 10.5 20.5	-0.62 - 1.5	2.3/17.1	64144
2003 JU ₈	2009 11 14.4	03 18.43 +06 30.6 20.4	-0.86 - 5.4	3.8/11.7	19600
2002 GT ₂₉	2009 11 14.4	03 18.45 +01 46.4 19.0	-0.85 - 3.9	6.6/10.8	64184
1998 SX ₁₇₃	2009 11 14.4	03 18.45 +18 17.7 21.2	-1.08 - 3.8	0.0/14.4	07761
2005 UL ₃₄₅	2009 11 14.4	03 18.46 +14 04.5 20.3	-0.99 - 2.6	1.5/13.6	64269
2002 UF ₅₅	2009 11 14.4	03 18.48 +11 38.5 20.1	-1.11 - 0.1	3.1/13.4	64195
2007 DP ₆₀	2009 11 14.4	03 18.49 +16 19.6 20.7	-1.01 - 4.4	0.7/14.0	20850
2002 GX ₁₂	2009 11 14.4	03 18.51 +06 33.0 19.9	-0.81 - 6.3	3.5/11.6	64184
2005 YJ ₁₆₁	2009 11 14.4	03 18.52 +13 52.2 20.4	-0.89 - 4.1	1.5/13.5	64284
2007 LH ₂₈	2009 11 14.4	03 18.56 +06 27.8 20.9	-0.77 - 5.0	3.5/11.7	21710
2005 SU ₁₃₃	2009 11 14.4	03 18.61 +16 15.7 19.4	-0.98 - 5.7	0.8/14.0	64255
2001 XN ₈₃	2009 11 14.4	03 18.61 -00 04.0 18.9	-1.03 + 5.8	9.3/12.3	94343
2004 TE ₃₈	2009 11 14.4	03 18.62 +22 55.7 19.8	-0.99 - 1.7	1.6/15.3	64229

2007 AC ₃₀	2009 11 14.4	03 18.62 +16 49.0 20.6	-1.08 - 3.1	0.6/14.2	63810
2003 SO ₁₃₃	2009 11 14.4	03 18.62 +28 38.7 18.7	-0.90 - 5.0	3.5/16.9	64208
2007 DP ₅₃	2009 11 14.4	03 18.63 +43 48.0 20.9	-1.26 - 1.3	8.1/19.8	41862
2006 FA	2009 11 14.4	03 18.66 +06 10.2 20.8	-0.80 - 4.7	3.5/11.6	53488
2005 SF ₁₁₆	2009 11 14.4	03 18.69 +19 14.4 20.3	-1.05 - 4.2	0.4/14.7	62434
2005 SD ₂₃	2009 11 14.4	03 18.72 +15 37.4 19.9	-1.00 - 4.2	1.2/13.9	64252
2006 EM ₈	2009 11 14.4	03 18.74 +16 27.9 20.8	-0.79 - 2.9	0.5/14.1	64294
2007 EK ₁₀₂	2009 11 14.4	03 18.77 +33 46.7 20.5	-1.23 + 0.4	5.4/17.0	64313
2006 DR ₇₉	2009 11 14.4	03 18.78 +07 05.1 20.6	-0.90 - 5.8	4.6/11.8	64293
2007 DK ₇₉	2009 11 14.4	03 18.78 +19 27.4 20.4	-1.13 - 2.7	0.5/14.7	64309
2002 CJ ₃₁₅	2009 11 14.4	03 18.80 +24 31.2 21.2	-0.95 - 4.9	1.9/15.9	41780
2006 BF ₁₂₀	2009 11 14.4	03 18.81 +19 55.4 20.1	-0.89 - 4.0	0.5/14.8	64289
2002 QK ₆₉	2009 11 14.4	03 18.87 +21 46.8 19.7	-1.18 - 2.9	1.6/15.1	64189
2001 LU	2009 11 14.5	03 18.82 +01 53.4 21.3	-0.76 - 1.1	4.1/11.3	21304
2002 JF ₁₁₇	2009 11 14.5	03 18.91 +10 09.5 19.4	-0.91 0.0	2.7/13.1	41782
2003 UO ₉₃	2009 11 14.5	03 18.92 +24 47.2 19.0	-0.87 - 3.2	2.3/15.9	64211
2004 PV ₉₈	2009 11 14.5	03 18.92 -03 32.7 19.6	-0.91 - 0.3	8.5/10.7	64222
2007 MC ₇	2009 11 14.5	03 18.97 +18 31.2 20.5	-0.80 - 5.2	0.1/14.6	64323
2000 QN ₆₄	2009 11 14.5	03 19.00 +08 12.2 20.2	-1.00 - 2.2	3.4/12.7	64154
2003 UZ ₂₃₈	2009 11 14.5	03 19.00 +26 56.7 20.6	-0.93 - 1.3	2.6/16.2	64212
2007 EF ₂₀₂	2009 11 14.5	03 19.02 +20 46.1 20.4	-1.08 - 3.3	0.9/15.0	64316
2005 MQ ₄₁	2009 11 14.5	03 19.04 +27 39.6 21.3	-1.18 - 5.0	3.6/16.6	87692
2007 EG ₂₂₀	2009 11 14.5	03 19.04 +15 49.0 19.7	-0.90 - 2.1	0.9/14.1	64316
2004 XC ₉₉	2009 11 14.5	03 19.06 +08 59.4 19.3	-0.85 - 1.3	2.9/12.8	64238
2004 RX ₉₇	2009 11 14.5	03 19.07 +43 15.9 21.2	-1.23 - 2.6	7.6/20.2	41811
2003 UL ₃₂₇	2009 11 14.5	03 19.08 +15 55.6 20.3	-0.81 - 6.3	0.9/14.0	63671
2002 CT ₂₉₉	2009 11 14.5	03 19.08 +11 40.9 17.3	-0.76 -13.3	3.0/12.5	63623
2007 EZ ₁₀₂	2009 11 14.5	03 19.11 -00 27.7 21.6	-0.87 - 4.8	6.1/10.2	19717
2006 BS ₂₇₉	2009 11 14.5	03 19.12 +31 29.9 20.5	-0.95 - 3.4	4.1/17.5	64291
2002 TZ ₂₂₈	2009 11 14.5	03 19.23 +06 02.6 19.4	-1.03 - 4.2	5.2/12.1	64194
2005 WB ₁₈₉	2009 11 14.5	03 19.23 -01 31.5 19.4	-1.13 + 4.4	7.5/12.2	64278
2005 TN ₇₁	2009 11 14.5	03 19.24 +20 50.1 21.4	-1.05 - 3.6	0.9/15.1	26064
2001 QL ₇₂	2009 11 14.5	03 19.24 +15 42.2 21.0	-1.02 - 4.1	1.1/14.1	64161
2003 BU ₃₀	2009 11 14.5	03 19.25 +07 55.7 19.6	-0.99 - 3.1	4.4/12.5	64200
2008 JX ₃₄	2009 11 14.5	03 19.26 +12 17.7 20.8	-0.90 - 7.8	2.0/13.1	64334
2007 HS ₂₈	2009 11 14.5	03 19.29 +12 41.5 19.5	-0.92 - 5.4	2.1/13.3	64320
2004 ET ₇	2009 11 14.5	03 19.31 +19 25.1 20.8	-1.11 - 3.1	0.4/14.8	64216
2001 RA ₁₃₁	2009 11 14.6	03 19.20 +15 23.4 20.2	-1.04 - 3.4	1.1/14.0	64163
2008 RQ ₁₁₂	2009 11 14.6	03 19.22 +16 49.1 20.1	-0.56 - 3.4	0.3/14.2	63864
2008 UF ₉₀	2009 11 14.6	03 19.23 +24 08.2 19.7	-0.59 - 2.4	1.2/15.9	64339
2006 HJ ₈	2009 11 14.6	03 19.24 +11 53.9 19.9	-0.77 - 4.4	1.9/13.1	64295
2004 FU ₂₁	2009 11 14.6	03 19.24 +20 37.7 19.6	-1.08 - 5.5	0.9/15.1	64217
2008 TG ₃₅	2009 11 14.6	03 19.25 +14 32.9 19.9	-0.55 - 2.7	0.8/13.7	64338
2004 FX ₁₂₇	2009 11 14.6	03 19.25 +22 00.0 20.2	-1.10 - 4.5	1.4/15.4	64218
2002 PF ₁₈₅	2009 11 14.6	03 19.26 +29 05.8 20.3	-0.88 - 3.6	3.1/17.0	64188
2007 GZ ₁₇	2009 11 14.6	03 19.27 +26 14.9 21.9	-1.04 - 2.0	2.6/16.1	19480
2003 SE ₁₇₁	2009 11 14.6	03 19.27 +07 54.8 18.8	-1.01 + 3.0	3.6/13.3	63664
2004 FT ₁₃₆	2009 11 14.6	03 19.27 +24 17.6 20.1	-1.13 - 2.9	2.1/15.8	90196
2004 GX ₅₃	2009 11 14.6	03 19.27 +07 22.4 21.6	-0.95 - 7.9	3.9/12.0	40685
2005 SK ₂₆₆	2009 11 14.6	03 19.31 +12 52.8 19.6	-0.96 - 7.4	2.3/13.3	64257
2004 XP ₁₂₄	2009 11 14.6	03 19.36 +05 11.3 19.2	-1.05 + 3.3	4.3/12.8	77795

2008 FF ₉₄	2009 11 14.6	03 19.41 +11 58.0 19.6	-1.16	- 1.1	2.9/13.6	64328
2002 EN ₉₄	2009 11 14.6	03 19.44 +06 51.8 20.4	-0.86	- 3.8	3.6/12.2	47208
2005 TT ₆₁	2009 11 14.6	03 19.45 +31 36.9 19.5	-1.03	- 3.9	4.6/17.5	64258
2004 NF ₂₄	2009 11 14.6	03 19.49 +37 37.7 20.7	-1.12	- 4.9	6.0/19.3	59726
2005 SD ₁₇₈	2009 11 14.6	03 19.51 +22 38.5 20.9	-1.07	- 4.4	1.6/15.6	47353
2006 DQ ₁₈₈	2009 11 14.6	03 19.53 +12 58.9 20.0	-0.83	- 3.0	1.7/13.5	64294
2000 PO ₂	2009 11 14.6	03 19.54 +35 04.2 18.8	-1.07	- 7.0	6.9/19.1	62305
2001 SV ₁₆₅	2009 11 14.6	03 19.56 +21 15.7 20.0	-1.08	- 3.6	1.1/15.3	64164
2006 BO ₄₁	2009 11 14.6	03 19.58 -08 50.9 20.3	-0.74	- 3.8	7.9/08.2	41239
2002 QB ₁₂₃	2009 11 14.6	03 19.58 +26 25.8 20.3	-0.86	- 3.7	2.4/16.5	47226
2002 ED ₁₃₄	2009 11 14.6	03 19.59 +11 56.7 19.7	-0.87	- 4.5	2.2/13.3	64183
2004 TH ₁₈₈	2009 11 14.6	03 19.60 +15 49.3 20.5	-0.89	- 4.4	0.8/14.1	64232
2008 RH ₁₁	2009 11 14.6	03 19.62 +19 42.2 20.7	-0.69	- 2.1	0.3/15.0	49038
2008 RR ₁₂₀	2009 11 14.6	03 19.63 -00 10.2 21.0	-0.76	- 4.4	5.1/10.5	50208
2007 FP ₁₅	2009 11 14.6	03 19.67 +03 41.1 21.7	-0.88	- 5.4	4.5/11.3	57124
2002 AT ₁₄₇	2009 11 14.6	03 19.68 +38 02.5 19.7	-1.13	- 3.4	7.4/19.0	27410
2005 ST ₅₉	2009 11 14.6	03 19.70 +21 29.9 19.9	-1.08	- 2.9	1.3/15.3	64253
2002 LW ₂₁	2009 11 14.6	03 19.71 +07 44.8 17.6	-1.17	+ 6.8	4.0/13.8	64186
2007 HC ₆₅	2009 11 14.7	03 19.65 +18 02.3 20.8	-0.86	- 1.8	0.1/14.6	64321
2003 SC ₄₀	2009 11 14.7	03 19.66 +42 46.7 19.0	-1.11	- 3.0	7.6/20.7	64207
2002 TQ ₁₈₆	2009 11 14.7	03 19.67 +19 45.0 18.9	-1.09	- 7.1	0.6/15.0	64194
2005 VJ	2009 11 14.7	03 19.71 +21 24.5 19.7	-1.03	- 1.8	1.4/15.3	64271
2001 FU ₄₉	2009 11 14.7	03 19.75 +23 43.1 20.3	-1.18	- 3.5	2.2/15.8	12748
2004 CS ₄₅	2009 11 14.7	03 19.77 +26 46.8 19.5	-1.19	- 2.9	3.1/16.4	11027
2005 NY ₆₀	2009 11 14.7	03 19.78 +07 45.1 20.3	-1.05	- 3.6	4.4/12.7	64244
2002 EB ₈₄	2009 11 14.7	03 19.78 +13 54.1 20.7	-0.90	- 3.4	1.4/13.8	64183
2005 YZ ₂₆₈	2009 11 14.7	03 19.79 +35 30.7 19.3	-1.02	- 4.1	6.4/18.7	96868
2003 UF ₁₃₉	2009 11 14.7	03 19.79 +05 52.8 19.3	-0.83	- 1.0	4.0/12.4	55107
2006 YS ₂₁	2009 11 14.7	03 19.84 +25 55.7 20.7	-1.13	- 5.9	2.9/16.4	40444
2001 NO ₁₃	2009 11 14.7	03 19.85 +26 46.5 20.8	-1.15	- 4.1	3.3/16.5	93955
2003 QM ₁₁₇	2009 11 14.7	03 19.85 +40 40.5 20.0	-1.10	- 1.5	7.3/19.6	41792
2001 TM ₁₇₆	2009 11 14.7	03 19.85 +16 21.5 19.5	-0.97	- 5.6	0.8/14.3	64166
2006 BY ₃₅	2009 11 14.7	03 19.87 +19 55.3 21.0	-0.91	- 2.9	0.5/15.1	01232
1996 TO ₂₄	2009 11 14.7	03 19.93 +11 25.8 20.1	-0.89	- 7.2	2.2/13.1	64145
2004 JD ₁₉	2009 11 14.7	03 19.96 +21 32.8 21.2	-1.07	- 4.9	1.1/15.4	64219
2003 EL ₅₇	2009 11 14.7	03 19.96 +01 24.2 21.0	-0.93	- 2.4	5.2/11.3	60785
2007 DF ₅₀	2009 11 14.7	03 19.96 +13 28.8 20.8	-1.05	- 3.7	1.9/13.8	19704
2007 EH ₆₆	2009 11 14.7	03 19.98 +25 38.6 21.7	-1.08	- 1.8	2.5/16.1	20556
2001 HH	2009 11 14.7	03 20.00 +13 30.7 21.4	-1.12	- 2.6	1.9/13.9	74967
2005 UH ₂₉₈	2009 11 14.7	03 20.00 +16 45.0 20.8	-0.99	- 5.6	0.6/14.4	64268
2003 SJ ₂₂₀	2009 11 14.7	03 20.01 +36 42.1 20.2	-1.13	+ 0.8	5.2/18.1	64209
2002 CU ₉₁	2009 11 14.7	03 20.02 +39 33.1 20.8	-1.11	- 2.3	6.2/19.3	58424
2006 DT ₁₄₄	2009 11 14.7	03 20.03 +04 50.6 20.7	-0.77	- 3.4	3.9/11.8	47396
2002 BY ₂₇	2009 11 14.7	03 20.06 +07 51.7 19.0	-1.02	+ 0.6	5.1/13.0	64179
2004 TB ₃₆₉	2009 11 14.7	03 20.07 +19 28.6 20.2	-0.89	- 3.6	0.4/15.0	64234
2007 DZ ₉₇	2009 11 14.7	03 20.09 +19 45.3 20.2	-1.05	- 4.7	0.6/15.1	64310
2001 YU ₁₃₁	2009 11 14.7	03 20.11 +37 24.8 18.7	-1.07	- 7.0	8.0/19.7	64177
2004 QL ₈	2009 11 14.8	03 20.03 +29 27.7 20.6	-1.16	- 1.0	3.7/16.8	64222
2007 ED ₁₁₉	2009 11 14.8	03 20.05 +29 18.9 19.7	-1.17	+ 0.5	3.9/16.6	59791
2007 GV ₆₈	2009 11 14.8	03 20.05 +02 39.5 21.0	-0.88	- 8.0	5.8/10.8	41341
2002 JC ₆₉	2009 11 14.8	03 20.06 +07 23.1 20.0	-0.97	- 2.0	3.7/12.7	94775

1998 BQ ₁₉	2009 11 14.8	03 20.07 -09 31.8 19.2	-0.95	+ 0.5	11.1/09.6	64146
2001 TH ₂₄₅	2009 11 14.8	03 20.07 +28 45.3 20.6	-1.11	- 1.1	4.8/16.7	94187
2000 SA ₁₄	2009 11 14.8	03 20.10 +19 28.0 18.3	-0.93	- 9.3	0.4/15.1	64155
2005 YD ₇₄	2009 11 14.8	03 20.10 +25 40.5 18.2	-0.84	- 5.3	3.7/16.6	64282
2008 RV ₉	2009 11 14.8	03 20.13 +17 00.0 19.7	-0.55	- 3.0	0.3/14.5	64336
2006 AF ₈₅	2009 11 14.8	03 20.14 -12 41.2 20.1	-0.75	- 3.0	8.0/07.4	58523
2008 HO ₅₀	2009 11 14.8	03 20.15 +14 49.1 21.8	-1.02	- 5.1	1.3/14.1	50127
2002 RP ₂₅₅	2009 11 14.8	03 20.17 +28 09.3 20.2	-0.83	- 5.1	2.5/17.2	64191
2005 ST ₁₆₂	2009 11 14.8	03 20.18 +22 09.6 19.8	-1.07	- 3.4	1.5/15.6	64255
2006 BH ₂₃₁	2009 11 14.8	03 20.21 +15 50.4 20.5	-0.88	- 2.4	0.8/14.3	64291
2002 CF ₁₁₆	2009 11 14.8	03 20.21 +22 55.4 19.2	-0.98	- 3.7	1.7/15.8	97566
2005 UM ₉₇	2009 11 14.8	03 20.23 +13 35.5 20.2	-0.98	- 3.7	1.9/13.9	64263
2004 EX ₃₆	2009 11 14.8	03 20.26 +20 18.9 19.4	-1.15	- 2.9	0.8/15.2	64216
2005 SF ₇₇	2009 11 14.8	03 20.28 +08 39.5 20.3	-1.00	- 5.1	3.5/12.8	40142
2005 GU ₁₇₃	2009 11 14.8	03 20.31 +19 01.0 21.2	-1.24	- 1.5	0.2/15.0	58498
2002 CH ₂₈₅	2009 11 14.8	03 20.32 +09 50.3 20.0	-0.93	- 2.7	3.2/13.2	17999
2002 JA ₈₃	2009 11 14.8	03 20.36 +22 12.3 20.1	-1.01	- 0.2	1.2/15.5	64185
2001 YR ₁₂₆	2009 11 14.8	03 20.36 +13 50.7 19.2	-1.06	+ 0.7	1.7/14.2	64176
2005 SG ₃₅	2009 11 14.8	03 20.39 +15 58.9 19.2	-1.04	- 1.9	1.1/14.4	64252
2001 XC ₅₈	2009 11 14.8	03 20.46 +12 52.2 18.1	-0.94	+ 0.2	2.8/14.0	64173
2006 BN ₂₇₇	2009 11 14.8	03 20.46 -00 33.3 19.8	-0.82	- 2.4	6.1/10.9	64291
2005 UD ₃₃₇	2009 11 14.8	03 20.48 +18 37.0 20.6	-1.05	- 3.1	0.1/14.9	43240
2003 HD ₃₉	2009 11 14.8	03 20.50 +15 56.2 20.1	-0.93	- 6.6	0.8/14.3	64204
2005 SA ₂₂₄	2009 11 14.8	03 20.52 +17 13.3 21.2	-1.04	- 4.3	0.4/14.7	14234
2007 FM ₃₃	2009 11 14.9	03 20.45 +17 06.0 20.2	-1.04	- 4.4	0.5/14.6	40710
2008 UY ₂₃	2009 11 14.9	03 20.50 +18 39.0 19.9	-0.55	- 2.8	0.0/15.0	64339
2004 XB ₄₄	2009 11 14.9	03 20.50 +19 47.0 19.7	-0.87	- 4.4	0.5/15.2	64237
1998 YF ₁₅	2009 11 14.9	03 20.51 +06 08.2 19.8	-0.81	- 1.4	3.9/12.5	64148
2001 SO ₆₉	2009 11 14.9	03 20.52 +07 29.0 18.2	-0.91	- 4.4	4.8/12.6	64163
2005 YZ ₃₁	2009 11 14.9	03 20.53 +24 38.9 21.1	-0.97	- 3.7	2.2/16.2	98038
2003 EE ₃₃	2009 11 14.9	03 20.55 -20 28.2 18.9	-0.76	-10.1	17.2/30.6	64202
2001 PG ₅₄	2009 11 14.9	03 20.57 +21 32.3 20.8	-1.09	- 4.0	1.3/15.6	64161
2004 JS ₃₅	2009 11 14.9	03 20.58 +21 29.9 20.3	-1.09	- 1.9	1.1/15.5	97710
2004 QP ₉	2009 11 14.9	03 20.59 +28 39.7 17.9	-0.97	+ 0.7	5.1/16.7	64222
2007 CF ₂	2009 11 14.9	03 20.60 +23 41.2 21.2	-1.00	- 3.8	1.7/16.0	41860
2000 XK ₄	2009 11 14.9	03 20.61 +33 02.3 18.7	-0.99	- 5.4	6.2/18.5	64158
2002 QK ₉₂	2009 11 14.9	03 20.62 +19 23.7 20.0	-1.19	- 2.8	0.5/15.1	63630
2005 XC ₅₉	2009 11 14.9	03 20.68 +13 10.5 20.7	-1.01	+ 0.1	2.3/14.1	64279
2003 SF ₄₂₉	2009 11 14.9	03 20.69 +30 04.3 19.6	-0.95	- 1.5	3.8/17.2	64211
2003 UW ₁₇₅	2009 11 14.9	03 20.70 +16 03.9 19.7	-0.86	- 2.5	0.8/14.5	64212
2003 SG ₁₃₉	2009 11 14.9	03 20.70 +10 42.1 19.0	-0.78	- 5.3	2.5/13.2	64208
2002 GY ₁₃₇	2009 11 14.9	03 20.71 +15 21.6 19.3	-1.04	+ 1.0	1.1/14.5	64185
2003 RD ₁₁	2009 11 14.9	03 20.71 +01 48.2 18.8	-0.85	- 1.0	5.7/11.9	64206
2006 AS ₉₆	2009 11 14.9	03 20.73 +12 46.1 19.6	-0.87	- 6.4	1.9/13.6	64287
2005 WN ₁₄₄	2009 11 14.9	03 20.73 +11 15.9 18.8	-0.89	- 8.3	2.8/13.2	63770
2008 LO ₂	2009 11 14.9	03 20.77 +09 05.9 21.4	-1.01	- 3.4	3.4/13.2	40777
2004 CD ₉₅	2009 11 14.9	03 20.78 +26 17.8 19.4	-1.13	- 4.6	2.7/16.6	64215
2002 DG ₂₀	2009 11 14.9	03 20.81 +21 32.9 20.5	-0.97	- 2.3	1.1/15.6	31198
2005 QC ₁₁₅	2009 11 14.9	03 20.84 +19 03.1 20.4	-1.07	- 4.8	0.3/15.1	97799
2002 CO ₆₀	2009 11 14.9	03 20.85 +25 42.1 18.5	-1.03	+ 0.1	3.5/16.2	94584
2004 RC ₅₀	2009 11 14.9	03 20.85 +05 25.2 19.7	-0.88	- 4.4	4.9/12.2	64223

2005 VF ₆₈	2009 11 14.9	03 20.86 +14 02.0 19.9	-1.01 - 1.8	1.9/14.2	64272
2008 HZ ₄₁	2009 11 14.9	03 20.88 +16 21.3 20.0	-1.09 - 6.1	0.8/14.5	64332
2005 MM ₃₄	2009 11 14.9	03 20.89 +10 18.9 20.3	-1.07 - 3.5	3.2/13.4	64243
2004 FZ ₁₄₀	2009 11 14.9	03 20.89 +21 46.9 20.5	-1.11 - 3.7	1.3/15.6	21811
2005 VH ₉₉	2009 11 14.9	03 20.90 +36 36.5 17.7	-1.29 + 4.4	8.4/17.3	64273
2002 PE ₄	2009 11 14.9	03 20.90 +17 55.4 19.4	-0.79 - 5.1	0.1/14.9	64187
2000 RO ₈₁	2009 11 14.9	03 20.91 +35 43.3 19.1	-1.10 - 4.6	6.2/19.0	17917
2007 LN ₁₂	2009 11 14.9	03 20.91 +13 51.1 20.8	-0.93 - 2.7	1.5/14.1	21707
2008 TO ₁₄₈	2009 11 15.0	03 20.85 +18 43.2 20.1	-0.58 - 1.5	0.1/15.1	63868
2005 QC ₃₃	2009 11 15.0	03 20.88 +26 48.2 21.1	-1.18 - 4.3	3.4/16.8	63715
2002 SQ ₄₄	2009 11 15.0	03 20.90 +16 16.4 19.6	-1.13 - 3.9	0.9/14.6	64192
2004 RA ₂₁₂	2009 11 15.0	03 20.90 +33 28.1 19.3	-1.03 - 6.9	5.2/18.8	64226
2005 OU ₂₉₆	2009 11 15.0	03 20.93 +18 13.3 19.8	-0.97 - 5.3	0.1/15.0	58517
2006 EQ ₅₅	2009 11 15.0	03 20.96 +20 02.8 20.1	-0.85 - 3.9	0.5/15.4	43265
2002 JZ ₁₁₅	2009 11 15.0	03 20.99 -10 01.9 21.0	-0.51 - 2.5	5.2/08.0	21780
2004 RO ₁₈₈	2009 11 15.0	03 21.01 +23 29.7 18.8	-0.94 - 5.7	1.7/16.2	59735
2004 PH ₁₀₀	2009 11 15.0	03 21.02 +01 52.6 20.0	-0.89 - 3.2	5.7/11.7	40127
2007 EY ₂₂₀	2009 11 15.0	03 21.03 +19 22.0 19.9	-0.91 - 2.5	0.3/15.2	64316
2004 JN ₁₇	2009 11 15.0	03 21.04 +18 53.3 19.5	-1.04 - 6.0	0.2/15.1	64219
2006 KE ₂₄	2009 11 15.0	03 21.06 +16 38.8 21.8	-0.65 - 2.0	0.4/14.7	46485
1997 LQ ₁₆	2009 11 15.0	03 21.08 +16 05.0 21.4	-0.82 - 4.7	0.6/14.5	64145
2001 RM ₁₃₀	2009 11 15.0	03 21.11 +14 22.7 18.8	-0.97 - 3.2	1.9/14.2	64163
2004 HO ₅₇	2009 11 15.0	03 21.18 +16 16.1 19.3	-1.08 - 2.3	1.0/14.7	64219
2005 SZ ₁₈₂	2009 11 15.0	03 21.20 +20 18.8 21.4	-1.06 - 4.2	0.7/15.5	11133
2004 TK ₅₆	2009 11 15.0	03 21.20 +24 24.6 20.2	-0.98 - 3.0	2.1/16.3	64230
2003 RB ₂₃	2009 11 15.0	03 21.23 +23 59.8 18.5	-0.87 - 8.3	2.1/16.5	63659
2006 BM ₁₁₂	2009 11 15.0	03 21.24 +27 35.2 21.3	-0.92 - 2.8	2.7/17.0	53469
2004 DN ₃₇	2009 11 15.0	03 21.26 +10 21.1 20.8	-1.05 - 3.8	3.0/13.5	12869
2007 EX ₁₃₂	2009 11 15.0	03 21.31 +22 47.8 20.7	-1.00 - 2.9	1.4/16.0	19427
2003 SZ ₂₉₂	2009 11 15.0	03 21.31 +44 22.2 20.0	-1.20 - 0.3	9.2/20.7	02175
2003 EF ₄₉	2009 11 15.0	03 21.32 +09 20.6 20.8	-0.92 - 5.7	3.1/13.0	43169
2004 QB ₂₇	2009 11 15.0	03 21.32 +20 31.6 19.9	-0.93 - 5.2	0.8/15.6	64222
2007 EE ₂₁₂	2009 11 15.0	03 21.33 +34 02.8 20.0	-1.18 - 1.6	6.2/18.1	21675
2009 UE ₁₂	2009 11 15.0	03 21.35 +19 19.1 19.2	-0.94 - 0.2	0.4/15.3	64071
2006 BU ₄₃	2009 11 15.1	03 21.27 -03 53.9 18.8	-0.82 - 5.1	9.7/09.3	64288
2006 BD ₂₇₆	2009 11 15.1	03 21.28 +16 12.7 21.1	-0.82 - 3.2	0.6/14.6	47386
2003 SA ₁₆₄	2009 11 15.1	03 21.28 +27 47.8 19.6	-0.94 - 1.0	2.7/16.9	43179
2005 YC ₁₆	2009 11 15.1	03 21.29 +11 09.8 20.0	-0.91 - 2.5	2.7/13.7	64280
2001 VY ₁₁₄	2009 11 15.1	03 21.31 +24 12.3 18.4	-0.92 - 7.6	2.6/16.6	64170
2006 DR ₆₃	2009 11 15.1	03 21.34 +17 12.0 21.2	-0.79 - 3.1	0.3/14.9	64293
2007 DQ ₃₅	2009 11 15.1	03 21.35 +17 48.9 21.4	-1.03 - 3.9	0.2/15.0	20849
2006 AJ ₆₁	2009 11 15.1	03 21.37 +01 07.1 21.7	-0.76 - 2.2	4.2/11.5	24478
2004 DB ₂₇	2009 11 15.1	03 21.38 +12 50.5 20.9	-1.05 - 3.4	2.0/14.0	58472
2007 GL ₆₇	2009 11 15.1	03 21.38 +20 22.0 20.0	-0.97 - 2.0	0.7/15.5	64320
2007 HP ₆₁	2009 11 15.1	03 21.40 +02 46.1 20.5	-0.91 - 6.2	5.3/11.4	22889
2001 FF ₁₅	2009 11 15.1	03 21.40 +11 34.6 19.6	-0.83 - 4.6	2.1/13.6	60736
2006 AD ₃₉	2009 11 15.1	03 21.42 +23 26.1 20.6	-0.96 - 3.8	1.8/16.2	56039
2004 XZ ₇₀	2009 11 15.1	03 21.43 +22 24.3 19.9	-0.87 - 2.4	1.2/15.9	64238
2007 CX ₂₂	2009 11 15.1	03 21.45 +16 22.1 19.4	-1.05 - 4.6	0.9/14.7	64306
2007 CH ₃₆	2009 11 15.1	03 21.47 +26 48.0 20.7	-1.16 - 2.5	3.2/16.7	64306
2005 XO ₈₂	2009 11 15.1	03 21.49 +22 43.6 19.5	-1.01 - 5.6	1.8/16.1	96651

2004 SM ₄₅	2009 11 15.1	03 21.49 +06 52.2 19.2	-0.83 - 7.5	4.0/12.2	64228
2005 YS ₇₃	2009 11 15.1	03 21.51 +22 14.4 19.7	-0.98 - 3.4	1.4/15.9	64282
2004 GS ₄₄	2009 11 15.1	03 21.53 +22 30.6 20.4	-1.09 - 3.8	1.5/16.0	14721
2005 SV ₆₃	2009 11 15.1	03 21.55 +15 56.5 19.7	-0.99 - 4.9	1.1/14.6	64253
2003 RT ₁₇	2009 11 15.1	03 21.62 -03 11.4 19.9	-0.77 - 6.1	6.3/09.9	62374
2005 YW ₁₈₄	2009 11 15.1	03 21.63 +16 15.7 20.5	-0.92 - 3.7	0.8/14.7	64284
2004 PB ₇₂	2009 11 15.1	03 21.63 +04 17.7 21.7	-0.93 - 2.6	4.4/12.5	39743
2008 JM ₃₂	2009 11 15.1	03 21.65 +17 51.0 18.7	-1.14 + 0.6	0.3/15.1	64333
2001 UM ₁₃₅	2009 11 15.1	03 21.66 +16 43.9 19.0	-1.01 - 2.6	0.7/14.8	64168
2004 RX ₂₆₈	2009 11 15.1	03 21.67 +21 24.8 21.0	-0.97 - 3.6	1.0/15.8	58482
2003 UN ₇₈	2009 11 15.1	03 21.68 +27 37.5 19.8	-0.87 - 5.0	2.9/17.3	41801
2008 SG ₃₁	2009 11 15.1	03 21.69 +26 14.3 19.7	-0.59 - 2.5	1.5/17.0	58614
2005 YY ₁₁₀	2009 11 15.1	03 21.71 +05 24.2 20.5	-0.84 - 2.3	3.9/12.6	19679
2002 QM ₇₀	2009 11 15.1	03 21.71 -00 07.0 20.8	-0.76 - 2.4	4.8/11.2	62352
2000 WB ₅₂	2009 11 15.1	03 21.72 +21 11.5 19.1	-0.88 - 7.7	1.1/15.9	64157
2005 QE ₇₂	2009 11 15.1	03 21.73 +19 52.5 19.9	-1.10 - 4.2	0.6/15.5	64248
2007 ES ₁₆₂	2009 11 15.1	03 21.73 +08 25.9 19.7	-0.94 - 5.6	4.5/13.0	31524
2005 UX ₆₆	2009 11 15.2	03 21.67 +18 59.8 19.1	-1.08 + 0.6	0.2/15.3	64262
2002 EM ₃	2009 11 15.2	03 21.69 +12 17.0 20.6	-0.86 - 3.7	1.9/13.9	64182
2004 FN ₁₁	2009 11 15.2	03 21.70 +22 28.3 19.5	-1.12 - 5.9	1.6/16.1	62388
2006 BH ₁₄₁	2009 11 15.2	03 21.74 +25 11.2 20.0	-0.92 - 3.3	2.1/16.6	64290
2005 UG ₁₅₅	2009 11 15.2	03 21.80 +19 11.6 19.6	-1.10 - 0.7	0.3/15.3	64264
2005 SS ₁₉₀	2009 11 15.2	03 21.81 +17 29.4 19.0	-1.00 - 1.1	0.5/15.1	64256
2000 EZ ₃₅	2009 11 15.2	03 21.86 +03 07.1 20.5	-0.96 - 5.3	5.7/11.9	22668
2008 HU ₄₇	2009 11 15.2	03 21.90 +05 09.2 21.7	-1.02 - 4.2	5.2/12.6	40023
2002 VP ₁₃₁	2009 11 15.2	03 21.90 +18 55.9 18.5	-1.06 - 4.7	0.2/15.3	64197
2007 EX ₂₇	2009 11 15.2	03 21.91 +13 23.9 19.7	-1.08 - 2.9	2.2/14.3	64311
2001 HL ₂₀	2009 11 15.2	03 21.93 -08 25.6 20.6	-0.78 - 1.1	6.9/09.7	97438
2007 EZ ₁₁₉	2009 11 15.2	03 21.96 +18 14.8 20.2	-1.01 - 1.1	0.1/15.2	64314
2005 TB ₈₈	2009 11 15.2	03 22.03 +10 00.8 20.8	-0.96 - 5.9	3.5/13.4	21843
2005 YW ₁₂₆	2009 11 15.2	03 22.05 +36 06.0 19.4	-1.07 - 4.4	7.0/19.3	62471
2004 SC ₄₉	2009 11 15.2	03 22.11 +11 15.8 20.1	-0.88 - 5.4	2.3/13.7	64229
2006 QR ₃₅	2009 11 15.2	03 22.13 +59 19.5 20.4	-2.12 + 2.4	20.6/24.3	09657
2006 BU ₁₈₇	2009 11 15.2	03 22.13 +21 14.0 19.4	-0.94 - 1.9	0.9/15.8	64290
2000 GP ₂₆	2009 11 15.2	03 22.14 +19 13.4 20.6	-1.07 - 3.2	0.3/15.4	64153
2001 XV ₇₇	2009 11 15.2	03 22.16 +13 42.1 19.2	-0.97 - 3.3	2.0/14.3	64173
2002 UU ₆₄	2009 11 15.3	03 22.09 +12 47.7 19.8	-1.01 - 6.2	2.6/14.0	64195
2005 WB ₁₃₁	2009 11 15.3	03 22.10 +17 16.8 20.0	-1.03 - 2.6	0.5/15.1	63770
2001 SY ₂₇₃	2009 11 15.3	03 22.12 +09 33.7 20.2	-0.94 - 5.4	3.9/13.3	64164
2008 SW ₂₈	2009 11 15.3	03 22.12 +18 06.7 20.2	-0.55 - 2.7	0.1/15.2	63866
2003 UK ₃₉₁	2009 11 15.3	03 22.12 +16 21.3 20.4	-1.01 + 2.4	0.7/15.0	64213
2007 EQ ₁₁₁	2009 11 15.3	03 22.15 +21 32.0 20.4	-1.01 - 2.1	1.0/15.9	64313
2005 QS ₁₀₄	2009 11 15.3	03 22.19 +20 25.3 20.5	-1.08 - 5.3	0.7/15.7	64249
2005 VX ₇₈	2009 11 15.3	03 22.19 +33 27.4 18.2	-1.10 -16.0	5.4/20.1	64272
2009 SD ₁₆₁	2009 11 15.3	03 22.19 +12 44.0 18.9	-0.90 - 6.3	2.5/14.0	64001
2005 TJ ₁₇₀	2009 11 15.3	03 22.19 +09 35.4 19.6	-0.92 - 1.4	3.2/13.7	64260
2008 SM ₃₃	2009 11 15.3	03 22.21 +38 56.5 21.0	-1.01 - 1.9	5.9/19.7	46735
2004 EU ₉₁	2009 11 15.3	03 22.21 +10 07.0 19.9	-1.00 - 4.5	4.0/13.6	64217
2005 UL ₂₄₉	2009 11 15.3	03 22.22 +16 55.6 20.5	-1.01 - 2.9	0.6/15.0	64267
2001 XA ₁₇₄	2009 11 15.3	03 22.22 +20 09.6 18.1	-0.84 - 7.1	0.8/15.7	64174
2008 TJ ₉₃	2009 11 15.3	03 22.25 +12 55.2 20.1	-0.54 - 2.3	1.1/14.1	64338

2004 PA ₄₀	2009 11 15.3	03 22.25 +12 05.1 19.0	-0.90	- 4.1	2.4/14.0	64221
2008 RN ₁₂₆	2009 11 15.3	03 22.27 +11 51.0 20.2	-0.54	- 2.1	1.3/13.9	58159
2008 JB ₁₃	2009 11 15.3	03 22.27 +03 28.9 20.1	-0.96	- 2.6	5.8/12.5	64333
2006 DN ₃₂	2009 11 15.3	03 22.28 +27 34.5 20.3	-0.92	- 2.3	2.8/17.2	47391
2004 RB ₂₂₅	2009 11 15.3	03 22.29 +24 01.9 19.4	-0.99	- 2.3	2.2/16.4	18092
2005 WF ₁₀	2009 11 15.3	03 22.31 +15 03.7 19.4	-1.01	- 0.6	1.5/14.8	64273
2001 SQ ₁₃₂	2009 11 15.3	03 22.33 +27 37.7 19.5	-1.13	- 3.2	3.8/17.2	64163
2009 UB ₃₃	2009 11 15.3	03 22.34 +17 46.5 20.4	-0.98	- 4.2	0.4/15.2	64075
2002 PA ₁₃₂	2009 11 15.3	03 22.35 +10 26.6 20.9	-1.08	- 5.8	3.4/13.7	37959
2004 RM ₄₀	2009 11 15.3	03 22.37 +24 16.7 19.4	-0.97	- 3.9	2.3/16.6	64223
2004 RY ₂₅₇	2009 11 15.3	03 22.40 +35 01.8 20.0	-1.07	- 4.8	5.3/19.1	41159
2008 TZ ₂₃	2009 11 15.3	03 22.41 +26 15.7 20.9	-0.57	- 2.2	1.4/17.1	50387
2007 EY ₁₂₉	2009 11 15.3	03 22.43 +30 19.8 18.5	-1.12	- 1.9	5.2/18.0	64314
2008 JV ₂₄	2009 11 15.3	03 22.43 +08 32.3 19.4	-1.01	- 6.0	3.9/13.2	64333
2008 RS ₄	2009 11 15.3	03 22.43 +20 52.4 20.8	-0.71	- 2.7	0.6/15.9	52507
2000 RB ₃₇	2009 11 15.3	03 22.44 -22 59.7 19.3	-0.84	- 8.2	15.0/01.9	58402
1998 QZ ₅₈	2009 11 15.3	03 22.44 +28 13.4 18.6	-1.16	- 3.4	4.7/18.0	64146
2007 EN ₁₁₅	2009 11 15.3	03 22.47 +18 36.5 20.0	-0.95	- 1.4	0.0/15.4	64314
2005 MA ₃₉	2009 11 15.3	03 22.50 +05 57.3 20.9	-1.06	- 2.5	5.1/13.1	58503
2008 ES ₉₂	2009 11 15.3	03 22.53 -15 11.3 20.9	-1.14	+ 2.0	11.7/10.4	40201
2004 EQ ₁₉	2009 11 15.3	03 22.57 +16 44.3 20.4	-1.07	- 4.0	0.6/15.0	64216
2008 LK ₁₅	2009 11 15.4	03 22.53 +15 13.1 20.6	-1.04	- 6.6	1.3/14.7	64335
2006 DA ₁₀₃	2009 11 15.4	03 22.53 +15 27.9 20.8	-0.83	- 3.3	1.0/14.8	64293
1999 XC ₂₃₈	2009 11 15.4	03 22.54 +14 50.5 19.5	-1.11	- 2.5	1.7/14.7	64151
2007 GF ₆₄	2009 11 15.4	03 22.54 +18 27.2 20.9	-0.90	- 2.5	0.0/15.4	64319
2003 ST ₄₃₀	2009 11 15.4	03 22.55 +31 05.2 20.6	-0.92	- 2.2	3.7/18.0	48904
2004 RG ₂₂	2009 11 15.4	03 22.56 +23 09.1 20.3	-1.01	- 3.2	1.7/16.3	11066
2005 TX ₄	2009 11 15.4	03 22.58 +14 58.3 20.8	-1.03	- 4.4	1.3/14.7	64257
2008 TX ₄	2009 11 15.4	03 22.64 +15 06.1 19.9	-0.54	- 2.8	0.7/14.6	64338
2008 FH ₁₂₄	2009 11 15.4	03 22.65 +12 29.5 21.0	-1.12	- 3.5	2.6/14.3	40207
2007 FL ₄₂	2009 11 15.4	03 22.66 -09 53.9 21.5	-0.85	- 7.8	7.4/07.7	20861
2005 WA ₄	2009 11 15.4	03 22.66 +06 01.7 18.5	-0.91	- 2.4	5.9/12.9	64273
2002 GD ₁₆₂	2009 11 15.4	03 22.66 +23 46.4 19.4	-1.02	- 0.7	1.8/16.4	62347
2000 FK ₄₇	2009 11 15.4	03 22.67 +15 56.4 19.9	-1.07	- 1.4	0.9/15.0	63607
2001 QR ₄₄	2009 11 15.4	03 22.68 +20 55.2 20.8	-1.08	- 3.8	0.8/15.9	40093
2002 TM ₃₀₅	2009 11 15.4	03 22.70 +12 32.2 21.9	-1.11	- 2.8	2.2/14.4	37311
2002 VW ₇₀	2009 11 15.4	03 22.70 +11 14.1 19.2	-1.08	- 1.6	3.2/14.2	64196
2005 WZ ₁₂₄	2009 11 15.4	03 22.70 +21 18.0 20.8	-0.99	- 3.9	1.0/16.0	20826
2006 FF ₄₈	2009 11 15.4	03 22.72 +23 10.3 19.5	-1.00	+ 0.3	1.6/16.2	03884
2005 QV ₂₃	2009 11 15.4	03 22.72 +19 44.9 19.9	-1.10	- 3.1	0.5/15.7	64247
2007 BF ₇₅	2009 11 15.4	03 22.73 +14 12.4 19.7	-1.00	- 2.9	1.6/14.6	64305
2008 TK ₁₀	2009 11 15.4	03 22.81 +22 09.9 20.4	-0.59	- 1.2	0.7/16.2	64338
2004 TU ₁₃	2009 11 15.4	03 22.83 +15 29.2 19.2	-0.91	- 3.9	1.1/14.8	64229
2003 UR ₇	2009 11 15.4	03 22.83 +05 16.3 18.8	-0.77	- 8.2	4.6/12.0	64211
2005 UE ₂₁₃	2009 11 15.4	03 22.86 +25 35.1 17.4	-0.71	- 8.3	3.7/17.4	64266
2008 SP ₅₃	2009 11 15.4	03 22.86 +11 24.7 20.1	-0.53	- 2.6	1.3/13.9	64337
2007 JN ₂	2009 11 15.4	03 22.95 +17 08.1 19.9	-0.84	- 3.9	0.4/15.2	64322
2007 CX ₆₅	2009 11 15.4	03 23.01 +21 31.3 20.8	-1.12	- 1.7	1.3/16.0	41316
2004 TK ₂₈₂	2009 11 15.5	03 22.93 +17 00.9 19.3	-0.95	- 1.9	0.5/15.2	64233
2004 DV ₄₆	2009 11 15.5	03 22.94 +17 09.9 19.7	-1.05	- 5.8	0.5/15.2	64216
2002 VK ₂₇	2009 11 15.5	03 23.01 +17 09.5 18.4	-0.98	- 7.0	0.7/15.2	63645

2003 BL ₇₇	2009 11 15.5	03 23.03 +19 56.5 18.9	-1.07	- 1.1	0.7/15.8	64201
2001 DH ₈₇	2009 11 15.5	03 23.08 +32 15.6 20.6	-0.97	- 0.9	3.7/18.1	64159
1995 SB ₅₂	2009 11 15.5	03 23.08 +21 46.6 19.7	-1.08	- 2.5	1.6/16.1	64144
2005 YR ₁₉₅	2009 11 15.5	03 23.10 +13 10.5 19.9	-0.90	- 4.3	2.0/14.4	64285
1998 SF ₂₈	2009 11 15.5	03 23.11 +26 09.9 18.8	-1.14	- 0.6	3.9/16.9	63601
2004 SC ₅₅	2009 11 15.5	03 23.15 -08 49.1 17.9	-0.74	- 4.6	11.5/08.1	64229
2005 UT ₂₇₃	2009 11 15.5	03 23.15 +23 13.5 20.2	-1.15	- 1.4	1.8/16.4	62451
2005 QE ₅₆	2009 11 15.5	03 23.15 +36 37.1 19.6	-1.32	- 1.2	8.1/19.1	33453
2003 UA ₄₁₅	2009 11 15.5	03 23.18 +07 13.4 21.2	-0.81	- 1.8	3.3/13.3	41133
2004 FJ ₁₆₂	2009 11 15.5	03 23.19 +13 00.8 19.8	-1.11	+ 0.1	2.5/14.7	41145
2001 RH ₂₃	2009 11 15.5	03 23.19 +19 47.9 20.2	-1.07	- 3.7	0.5/15.8	64162
2006 AG ₄₁	2009 11 15.5	03 23.20 +17 32.6 20.2	-0.94	- 2.5	0.4/15.4	64286
2006 AV ₈₉	2009 11 15.5	03 23.21 +12 18.1 20.1	-0.89	- 3.6	2.2/14.3	64287
2004 PF ₉₂	2009 11 15.5	03 23.22 +36 29.6 19.7	-1.08	- 6.1	6.0/19.9	40127
2005 WT ₁₈₉	2009 11 15.5	03 23.26 +38 31.4 17.6	-1.15	- 5.5	7.7/20.4	64278
1998 SD ₃₇	2009 11 15.5	03 23.27 +28 56.4 20.4	-0.98	- 0.9	3.1/17.5	97339
2001 XV ₂₆₂	2009 11 15.5	03 23.27 +18 15.6 19.4	-0.93	- 4.6	0.1/15.5	62334
2008 RD ₁	2009 11 15.5	03 23.31 +02 44.5 21.6	-0.79	- 2.3	4.4/12.4	46638
2001 GT ₆	2009 11 15.5	03 23.32 +21 29.4 20.6	-1.09	- 5.5	1.0/16.2	40358
2008 PO ₁₁	2009 11 15.5	03 23.32 +26 26.7 21.0	-0.93	- 3.2	2.3/17.2	50136
2006 AG ₉₈	2009 11 15.5	03 23.35 -11 43.2 20.2	-0.83	+ 0.3	7.6/09.6	62475
2006 AJ ₂₁	2009 11 15.5	03 23.36 +25 43.5 18.0	-0.94	+ 4.0	4.0/16.5	63786
2004 EO	2009 11 15.5	03 23.38 +12 03.2 19.4	-1.11	- 2.4	3.0/14.4	59089
2003 AY ₆₃	2009 11 15.5	03 23.40 +67 10.2 17.9	-1.80	+ 1.7	23.8/30.9	18036
2006 HX ₅₆	2009 11 15.6	03 23.34 +11 06.3 19.8	-0.85	- 3.5	2.5/14.0	60459
2005 PP ₉	2009 11 15.6	03 23.36 +14 59.4 19.4	-1.05	- 2.9	1.7/14.9	57425
2006 BH ₂₁₁	2009 11 15.6	03 23.37 +27 57.3 20.6	-0.92	- 2.1	2.8/17.5	64291
2004 TZ ₂₀₅	2009 11 15.6	03 23.37 +18 08.3 20.2	-0.91	- 2.5	0.2/15.5	64232
2003 RV ₂₄	2009 11 15.6	03 23.38 +21 56.8 19.2	-0.85	- 5.7	1.1/16.4	59705
2006 AV ₆₈	2009 11 15.6	03 23.39 +04 42.9 19.7	-0.86	- 2.3	4.7/12.9	64287
2004 RW ₃₉	2009 11 15.6	03 23.39 +27 39.5 19.5	-1.05	- 2.1	3.4/17.4	17504
2007 EK ₁₉₁	2009 11 15.6	03 23.40 +19 10.4 20.3	-0.99	- 2.9	0.2/15.7	64315
2002 CS ₁₃₀	2009 11 15.6	03 23.49 -15 57.5 20.1	-0.85	- 3.4	11.7/07.0	69216
2007 ED ₁₉₁	2009 11 15.6	03 23.51 +24 51.9 20.0	-1.04	- 1.4	2.4/16.8	57124
2002 CJ ₇₆	2009 11 15.6	03 23.55 +12 46.8 21.0	-0.91	- 3.1	1.8/14.5	47200
2002 CL ₁₉₆	2009 11 15.6	03 23.56 +35 46.7 18.9	-1.12	- 2.5	6.3/19.2	64181
2009 UH ₂₇	2009 11 15.6	03 23.57 +16 00.7 18.5	-1.09	+ 4.7	1.0/15.4	64074
2003 QP ₁	2009 11 15.6	03 23.57 +04 53.2 20.3	-0.79	- 4.4	4.4/12.6	47252
2008 GR ₁₁₉	2009 11 15.6	03 23.61 +12 13.7 21.6	-1.04	- 4.1	2.3/14.4	40213
2000 UV ₆₁	2009 11 15.6	03 23.62 +21 11.1 18.4	-0.77	- 7.6	1.3/16.3	64157
2004 TC ₂	2009 11 15.6	03 23.62 +26 05.3 19.8	-1.01	- 2.2	2.6/17.1	64229
1999 GD ₅₉	2009 11 15.6	03 23.63 +28 07.3 20.7	-1.12	- 0.7	3.0/17.3	19514
2006 FO ₃₇	2009 11 15.6	03 23.65 +36 32.4 19.3	-1.17	+ 1.2	5.8/18.4	01542
2007 LF ₁₀	2009 11 15.6	03 23.65 +01 28.0 21.8	-0.78	- 2.7	4.7/12.1	26293
2003 KT ₁₃	2009 11 15.6	03 23.67 +11 56.4 20.6	-0.89	- 3.1	2.0/14.3	43172
2008 GH ₁₁₈	2009 11 15.6	03 23.68 +16 07.5 20.4	-1.21	- 1.0	1.0/15.3	40763
2007 JP ₂	2009 11 15.6	03 23.68 +14 48.3 20.0	-0.88	- 0.7	1.1/15.0	64322
2007 GX ₆₀	2009 11 15.6	03 23.71 +20 20.1 20.3	-1.00	- 5.0	0.6/16.0	64319
2002 WS ₂₆	2009 11 15.6	03 23.72 +18 51.3 19.6	-1.14	- 0.8	0.1/15.7	64198
2005 MD ₂₀	2009 11 15.6	03 23.72 +08 52.6 20.5	-1.05	- 4.6	3.9/13.8	64242
2007 DO ₂₆	2009 11 15.6	03 23.73 +16 21.8 21.9	-1.05	- 3.1	0.8/15.3	40452

2003 BE ₈₂	2009 11 15.6	03 23.76 +13 23.1 18.4	-0.97	- 3.9	2.5/14.6	64201
2008 HJ ₃₃	2009 11 15.6	03 23.76 +08 27.9 20.9	-1.00	- 2.5	3.7/13.8	64332
2003 UD ₁₂₂	2009 11 15.7	03 23.75 +46 16.5 19.7	-1.18	- 1.2	8.8/21.9	59714
1998 FE ₆₃	2009 11 15.7	03 23.77 +32 18.0 20.0	-1.10	- 0.9	4.3/18.2	20726
2007 ES ₁₀₅	2009 11 15.7	03 23.79 +23 55.0 19.9	-1.23	- 1.0	2.3/16.6	62513
2007 CG ₄₀	2009 11 15.7	03 23.80 +14 01.6 20.3	-1.05	- 4.0	1.8/14.8	64306
2005 SZ ₇₈	2009 11 15.7	03 23.81 +19 38.0 19.3	-1.03	- 1.3	0.5/15.9	64253
2001 XN ₂₁₆	2009 11 15.7	03 23.82 +22 53.2 18.3	-0.94	- 9.1	1.8/16.8	64175
2003 SG ₃₁₃	2009 11 15.7	03 23.85 +17 30.5 20.2	-0.86	- 3.5	0.4/15.5	63666
2008 GR ₉₇	2009 11 15.7	03 23.85 +21 26.8 20.0	-1.18	- 1.5	1.2/16.2	64331
2002 NA ₅₇	2009 11 15.7	03 23.85 +25 44.0 18.8	-1.15	- 4.2	3.4/17.2	64187
2005 UT ₁₉₁	2009 11 15.7	03 23.88 +20 12.3 20.5	-1.01	- 3.4	0.5/16.0	64266
2004 XW ₁₃	2009 11 15.7	03 23.91 -19 17.2 19.4	-0.89	+ 1.7	12.3/08.9	64237
2004 RK ₁₃₆	2009 11 15.7	03 23.91 +21 32.9 19.0	-0.93	- 7.5	1.0/16.4	60809
2005 RB ₃₀	2009 11 15.7	03 23.92 +21 53.9 20.9	-1.12	- 3.8	1.2/16.4	64251
2007 BX ₇₆	2009 11 15.7	03 23.96 +13 36.6 20.9	-1.02	- 3.9	1.8/14.8	38126
2004 JQ ₄	2009 11 15.7	03 23.99 +17 14.3 20.4	-1.05	- 5.8	0.5/15.5	64219
2004 RZ ₁₈₀	2009 11 15.7	03 24.02 +46 04.4 19.0	-1.24	- 1.8	10.4/21.9	41812
2006 YR ₃₂	2009 11 15.7	03 24.03 +16 28.3 18.7	-1.13	+ 0.1	1.1/15.4	64302
2006 EP ₅₂	2009 11 15.7	03 24.04 +07 02.8 20.4	-0.75	- 4.7	3.2/13.1	64295
2002 VM ₁₂₆	2009 11 15.7	03 24.05 +21 21.4 18.6	-1.15	+ 3.1	1.4/16.1	63648
2008 SQ ₂₇₅	2009 11 15.7	03 24.07 +27 35.8 20.9	-0.59	- 1.9	1.7/17.8	64338
2003 OG ₃₁	2009 11 15.7	03 24.08 +52 40.8 19.5	-1.32	- 2.1	9.6/24.5	64205
1998 TQ ₂₂	2009 11 15.7	03 24.08 +19 44.8 20.3	-0.88	- 2.8	0.4/16.0	64147
2008 WP ₉₂	2009 11 15.7	03 24.09 +16 17.6 19.7	-0.55	- 1.5	0.4/15.3	64339
2001 FL ₃₅	2009 11 15.7	03 24.11 +47 27.6 20.2	-1.15	- 1.0	7.1/22.0	58407
2007 ES ₂₁₀	2009 11 15.7	03 24.15 +20 37.0 19.1	-1.18	- 0.3	0.9/16.1	64316
2005 TF ₂₂	2009 11 15.7	03 24.15 +10 20.9 21.2	-0.99	- 5.2	3.0/14.0	21840
2002 NY ₅₇	2009 11 15.7	03 24.16 -05 11.8 20.3	-0.77	- 1.7	6.1/10.9	08277
2004 TD ₁₉₉	2009 11 15.7	03 24.16 +19 53.1 19.8	-0.95	- 2.0	0.4/16.0	64232
2003 QN ₁₀₂	2009 11 15.7	03 24.18 +24 52.0 18.7	-0.90	- 3.5	2.3/17.1	64206
2007 CT ₁₅	2009 11 15.7	03 24.18 +11 29.6 20.1	-1.10	- 2.1	3.0/14.5	18194
2002 VX ₆₁	2009 11 15.7	03 24.20 +24 19.8 19.1	-1.20	- 0.6	2.7/16.7	64196
2002 RK ₇₇	2009 11 15.8	03 24.14 +30 19.0 19.1	-1.21	- 2.8	5.4/18.0	64190
2002 CR ₈₇	2009 11 15.8	03 24.17 +34 06.8 19.9	-1.09	- 3.0	5.8/19.0	97564
2001 VN ₄₁	2009 11 15.8	03 24.18 +21 17.8 19.6	-1.04	- 3.1	1.0/16.3	62327
1999 RR ₁₆₄	2009 11 15.8	03 24.19 +27 09.9 19.3	-1.19	- 4.9	3.9/18.0	64148
2004 TU ₇₈	2009 11 15.8	03 24.20 +25 48.5 19.9	-1.01	- 2.0	2.5/17.2	64230
2004 FM ₁₁	2009 11 15.8	03 24.22 +28 47.6 20.2	-1.18	- 4.9	4.1/17.9	64217
2007 CQ ₃₈	2009 11 15.8	03 24.26 +04 55.5 19.7	-0.98	- 3.1	6.2/13.2	64306
2005 SM ₂₉₀	2009 11 15.8	03 24.27 +12 33.0 20.1	-1.01	- 6.0	2.3/14.5	64257
2007 HX ₃₈	2009 11 15.8	03 24.28 +13 54.2 20.3	-0.93	- 4.0	1.7/14.9	64321
2007 EV ₁₉₃	2009 11 15.8	03 24.30 +27 32.8 22.3	-0.99	- 2.2	2.6/17.6	19722
2005 YL ₈₇	2009 11 15.8	03 24.32 +10 07.1 20.2	-0.93	- 2.0	3.1/14.2	64282
2005 QU ₁₇₇	2009 11 15.8	03 24.32 +13 53.1 19.5	-1.06	- 2.2	2.0/15.0	64251
2005 AS ₁₈	2009 11 15.8	03 24.34 +38 16.4 19.4	-0.97	- 5.7	6.7/20.7	42735
2005 WN ₂₅	2009 11 15.8	03 24.34 +17 31.5 19.3	-1.10	+ 0.4	0.4/15.7	63760
2005 NG ₄₉	2009 11 15.8	03 24.36 +06 41.2 19.7	-1.04	- 2.3	5.3/13.8	39217
2003 ST ₁₄₅	2009 11 15.8	03 24.37 +30 37.1 19.0	-0.89	- 6.6	3.8/18.8	64208
2007 HK ₄₄	2009 11 15.8	03 24.40 +20 34.0 21.5	-0.82	- 3.6	0.5/16.3	47431
2005 UJ ₃₆₀	2009 11 15.8	03 24.41 +09 57.9 19.9	-0.82	- 2.5	2.5/14.1	64269

2006 YK ₅₂	2009 11 15.8	03 24.42 +23 54.6 20.9	-1.16	- 3.3	2.2/16.8	38124
2004 FP ₃	2009 11 15.8	03 24.43 +17 37.9 20.5	-1.06	- 4.7	0.4/15.6	64217
2008 HX ₁₂	2009 11 15.8	03 24.47 +07 57.5 20.4	-1.12	- 1.0	4.2/14.1	40011
2002 KL ₁₄	2009 11 15.8	03 24.48 +08 23.1 19.5	-0.80	- 8.4	2.9/13.3	59680
2001 XY ₂₁₄	2009 11 15.8	03 24.50 +47 31.2 20.9	-1.24	- 5.0	8.1/22.8	49945
2002 ST ₂₄	2009 11 15.8	03 24.52 +26 10.3 20.5	-1.25	- 2.8	3.2/17.3	64192
2008 JC ₈	2009 11 15.8	03 24.52 -07 28.6 20.5	-0.97	- 9.1	9.6/09.1	40611
2004 TB ₂₈	2009 11 15.8	03 24.55 +16 33.5 19.7	-0.92	- 3.3	0.7/15.5	64229
2007 BS ₆₉	2009 11 15.8	03 24.56 +32 06.2 21.1	-1.08	- 3.4	4.3/18.7	17689
2005 UM ₂₅₂	2009 11 15.8	03 24.58 +21 56.5 19.3	-0.96	- 7.7	1.4/16.7	01063
2002 UB ₇₄	2009 11 15.8	03 24.59 +17 56.8 19.4	-1.04	- 5.3	0.3/15.7	64195
2005 OA ₃	2009 11 15.8	03 24.61 +51 37.6 19.8	-1.51	- 8.6	11.3/26.0	14189
2003 UJ ₂₂₁	2009 11 15.8	03 24.61 +27 52.1 20.1	-0.93	- 1.1	2.7/17.6	64212
2004 BS ₃₂	2009 11 15.8	03 24.61 +25 35.1 20.5	-1.20	- 3.5	3.1/17.2	14709
2007 GJ ₃₈	2009 11 15.8	03 24.64 +18 02.7 19.4	-0.98	- 2.2	0.2/15.8	64319
2005 WU ₁₄₉	2009 11 15.9	03 24.58 +14 24.2 19.7	-1.08	+ 1.3	1.5/15.3	64277
2003 UX ₂₃₅	2009 11 15.9	03 24.59 +20 13.0 19.7	-0.82	- 5.3	0.5/16.3	64212
2004 LO ₃₁	2009 11 15.9	03 24.64 +16 52.2 21.1	-1.03	- 1.4	0.6/15.6	09044
2004 EA ₆₂	2009 11 15.9	03 24.70 +16 54.4 21.1	-1.04	- 4.2	0.6/15.6	40684
1995 UT ₅₉	2009 11 15.9	03 24.72 +22 32.0 20.0	-0.99	- 2.0	1.5/16.7	64144
1998 FY ₂₄	2009 11 15.9	03 24.73 +36 47.3 20.5	-1.11	- 2.4	5.5/19.5	43094
2005 XN ₅₂	2009 11 15.9	03 24.73 +25 14.3 19.6	-1.01	- 3.1	2.7/17.3	64279
2007 EE ₁₁₇	2009 11 15.9	03 24.75 +17 03.6 19.9	-0.97	- 1.2	0.6/15.7	63825
2003 UP ₇₉	2009 11 15.9	03 24.76 +42 06.8 18.9	-1.04	- 3.5	7.6/21.4	43187
2008 SA ₂₂₄	2009 11 15.9	03 24.77 +19 05.5 20.0	-0.57	- 1.5	0.1/16.0	64338
2002 CX ₁₁₄	2009 11 15.9	03 24.78 +05 19.3 19.8	-0.91	- 1.6	4.3/13.4	21312
2002 CM ₁₆₅	2009 11 15.9	03 24.80 +04 38.0 19.8	-0.92	- 1.9	4.7/13.3	20761
2003 BX ₉₁	2009 11 15.9	03 24.82 +24 56.9 20.1	-0.85	+ 0.3	1.9/17.0	08669
2008 FA ₁₂₅	2009 11 15.9	03 24.83 +09 01.9 20.3	-1.00	- 2.7	3.5/14.2	64329
2003 UL ₄₂	2009 11 15.9	03 24.85 +00 00.6 20.6	-0.75	- 6.7	5.5/11.2	47268
2004 RB ₂₁₃	2009 11 15.9	03 24.87 +30 25.1 18.9	-0.98	- 8.3	4.3/18.9	64226
2007 DB ₁₀₆	2009 11 15.9	03 24.87 +20 11.7 21.6	-1.03	- 3.6	0.5/16.3	20547
2005 QZ ₄₆	2009 11 15.9	03 24.87 +18 06.9 20.3	-1.11	- 2.9	0.2/15.9	64248
2005 YU ₃₄	2009 11 15.9	03 24.90 -00 17.9 19.8	-0.87	- 1.5	6.4/12.4	20829
2000 EJ ₁₀₆	2009 11 15.9	03 24.90 +40 02.7 19.7	-1.18	+ 1.6	6.2/19.3	01996
2005 OH ₁₀	2009 11 15.9	03 24.90 +15 54.9 18.4	-1.02	- 1.2	1.4/15.5	64245
2005 XM ₁₆	2009 11 15.9	03 24.91 +30 51.8 18.8	-0.97	- 8.9	4.9/19.2	64278
2000 QJ ₅₈	2009 11 15.9	03 24.93 -03 15.0 18.7	-0.90	- 1.7	9.0/11.9	64154
2004 PR	2009 11 15.9	03 24.95 +48 58.0 19.4	-1.24	- 9.8	11.0/25.8	64221
2000 QF ₆₃	2009 11 15.9	03 24.99 -04 41.0 20.1	-0.92	- 1.1	9.2/11.9	39143
2004 CQ ₈₅	2009 11 15.9	03 25.04 +20 35.6 20.3	-1.11	- 3.6	0.7/16.4	64215
2001 XA ₂₄₆	2009 11 15.9	03 25.05 +26 32.4 18.7	-1.07	- 4.4	3.1/18.0	64175
2005 QX ₇₁	2009 11 15.9	03 25.05 +18 28.6 20.3	-1.08	- 4.7	0.1/16.0	64248
2008 FQ ₈₇	2009 11 15.9	03 25.08 +29 23.4 21.3	-1.28	- 1.7	4.0/18.0	39033
2005 UM ₂₅₅	2009 11 16.0	03 25.00 +19 06.3 19.6	-1.09	- 1.3	0.2/16.1	63745
2001 KT ₄₃	2009 11 16.0	03 25.02 -04 53.8 20.3	-0.86	+ 1.2	6.0/12.1	60737
2007 HV ₅₂	2009 11 16.0	03 25.04 +09 39.2 20.3	-0.77	- 6.3	2.6/13.9	64321
2000 DZ ₈	2009 11 16.0	03 25.12 +12 13.8 20.3	-0.85	- 3.5	2.0/14.7	01994
2002 EY ₁₁₅	2009 11 16.0	03 25.15 +28 03.7 19.0	-1.13	+ 0.7	3.2/17.5	64183
2004 RD ₃₁₉	2009 11 16.0	03 25.18 +04 05.6 20.2	-0.87	- 4.9	5.4/12.8	19630
2007 ET ₁₄₅	2009 11 16.0	03 25.18 +09 28.7 20.6	-0.94	- 3.6	3.3/14.2	64315

2007 LP ₂	2009 11 16.0	03 25.20 +02 50.1 22.1	-0.76 - 2.2	3.9/12.8	21370
2003 QZ ₉₈	2009 11 16.0	03 25.29 +32 55.5 21.1	-0.99 - 2.5	4.2/19.0	64206
2001 JF ₈	2009 11 16.0	03 25.30 +17 04.5 20.7	-1.06 - 5.4	0.6/15.7	64160
2002 GY ₃₈	2009 11 16.0	03 25.34 +19 14.7 19.8	-0.99 - 2.0	0.2/16.2	64184
2005 QO ₁₁₄	2009 11 16.0	03 25.34 +17 36.6 19.3	-1.01 - 4.1	0.5/15.9	63718
2005 OE ₂₀	2009 11 16.0	03 25.36 +30 32.7 19.2	-1.16 - 3.7	5.4/18.5	64245
2005 WD ₁₁₈	2009 11 16.0	03 25.39 +24 44.1 18.8	-1.03 - 5.5	2.9/18.0	64276
2007 DS ₄₀	2009 11 16.0	03 25.41 +15 20.2 21.7	-1.03 - 3.9	1.3/15.4	26249
2004 XX ₆₈	2009 11 16.0	03 25.41 +04 37.2 19.4	-0.89 + 0.1	5.1/13.6	21817
2007 BV ₈₀	2009 11 16.0	03 25.43 +13 42.3 21.6	-1.00 - 3.5	1.7/15.1	41311
2006 AM ₆₈	2009 11 16.0	03 25.46 +19 13.0 20.8	-0.99 - 3.9	0.2/16.2	98085
2005 WJ ₁₉₆	2009 11 16.1	03 25.38 +26 05.1 21.0	-0.90 - 2.6	2.1/17.6	42785
2008 FH ₁₀₂	2009 11 16.1	03 25.39 +05 08.7 19.5	-1.02 - 3.6	6.1/13.5	64328
2005 YP ₁₉₀	2009 11 16.1	03 25.40 +16 28.0 20.1	-0.92 - 3.0	0.8/15.7	64284
2004 JP ₈	2009 11 16.1	03 25.42 +01 30.2 20.8	-0.93 - 5.5	5.8/12.3	41148
2002 LH ₆₁	2009 11 16.1	03 25.44 +38 14.9 20.1	-0.96 - 4.4	5.7/20.8	43155
2004 DZ ₂₉	2009 11 16.1	03 25.45 +16 45.1 20.3	-1.08 - 3.3	0.7/15.7	64215
2004 RN ₅₅	2009 11 16.1	03 25.47 +18 58.3 20.0	-0.94 - 5.0	0.1/16.2	64223
2001 UY ₁₅₆	2009 11 16.1	03 25.50 +22 57.0 19.1	-1.87 +11.7	2.2/16.2	63619
2001 ND ₁₄	2009 11 16.1	03 25.50 +15 14.4 21.0	-1.07 - 2.4	1.2/15.5	33316
2005 CR ₂₄	2009 11 16.1	03 25.56 +07 28.3 20.4	-0.81 - 5.7	4.0/13.4	64240
2003 CG ₁₉	2009 11 16.1	03 25.59 -03 43.5 19.7	-0.96 - 4.1	9.7/10.9	19097
2004 EG ₈₄	2009 11 16.1	03 25.61 +10 38.5 20.8	-1.04 - 5.2	3.0/14.5	11041
2004 VQ ₃₈	2009 11 16.1	03 25.68 +18 23.8 20.6	-0.84 - 5.9	0.1/16.1	64235
2001 XP ₁₀₉	2009 11 16.1	03 25.70 +09 01.0 18.4	-0.98 - 2.2	3.9/14.4	64174
2004 ET ₄₁	2009 11 16.1	03 25.80 +22 01.8 19.5	-1.15 - 2.2	1.3/16.8	64216
2007 ES ₁₇₈	2009 11 16.1	03 25.85 +00 18.9 19.9	-0.86 -11.1	6.8/11.0	20857
2005 WY ₁₂₆	2009 11 16.1	03 25.85 +12 19.0 18.2	-0.88 - 8.3	2.7/14.6	64277
2007 BD ₅₀	2009 11 16.1	03 25.85 +12 57.7 20.8	-1.03 - 4.1	2.2/15.0	64304
2002 CC ₃₈	2009 11 16.2	03 25.80 +54 21.0 18.9	-1.43 - 3.0	13.1/25.2	64180
2001 YN ₃₅	2009 11 16.2	03 25.80 +24 45.5 19.1	-1.04 - 3.6	2.5/17.4	64176
2007 QM ₁₅	2009 11 16.2	03 25.82 +25 40.9 20.6	-0.57 - 1.7	1.3/17.7	58896
2004 XH ₄₃	2009 11 16.2	03 25.84 +10 31.2 19.0	-0.94 + 0.7	2.8/14.9	64237
2006 BF ₁₈₁	2009 11 16.2	03 25.86 +04 01.7 20.1	-0.82 - 2.5	4.5/13.3	43256
2007 EP ₁₃₆	2009 11 16.2	03 25.90 +15 59.7 19.6	-0.96 - 3.9	1.3/15.7	64314
2003 UA ₁₇₄	2009 11 16.2	03 25.91 +35 34.8 20.2	-1.09 + 0.9	4.4/19.1	47273
2005 WR ₁₀₀	2009 11 16.2	03 25.94 +10 57.8 19.4	-1.06 + 0.2	2.7/15.0	64276
2006 BO ₇₉	2009 11 16.2	03 25.94 +28 00.3 21.0	-0.89 - 1.7	2.5/18.0	04369
2005 UW ₃₉₄	2009 11 16.2	03 25.96 +21 30.8 20.6	-1.12 - 4.1	1.0/16.8	12917
2006 CR ₃₅	2009 11 16.2	03 25.99 +13 51.7 18.9	-0.94 - 1.5	1.8/15.4	64292
1999 RA ₂₄₉	2009 11 16.2	03 25.99 +04 29.0 19.2	-1.05 - 3.3	6.7/13.6	64148
2001 SP ₂₉₇	2009 11 16.2	03 26.01 +16 12.8 21.5	-1.03 - 5.6	1.0/15.7	94113
2004 ER ₅₃	2009 11 16.2	03 26.08 +18 13.6 19.7	-1.22 - 0.1	0.2/16.2	64216
2008 SH ₃₈	2009 11 16.2	03 26.08 +12 06.9 20.8	-0.52 - 2.5	1.2/14.8	64337
2003 SE ₃₂₁	2009 11 16.2	03 26.13 +12 12.0 19.9	-0.78 - 5.0	2.0/14.8	47265
2006 BQ ₂₁₉	2009 11 16.2	03 26.13 +06 43.4 19.7	-0.86 - 1.5	3.7/14.0	01290
2008 KB ₂₀	2009 11 16.2	03 26.17 +13 00.3 20.8	-1.08 - 3.3	2.2/15.2	46586
2005 YY ₄₈	2009 11 16.2	03 26.19 +24 07.4 20.6	-0.95 - 4.3	1.9/17.4	98040
2005 QO ₆₆	2009 11 16.2	03 26.20 +18 34.1 18.8	-1.02 - 1.1	0.1/16.2	63717
2005 MM ₅₀	2009 11 16.2	03 26.21 +07 26.8 18.8	-0.93 - 1.8	5.8/14.2	64243
2007 BQ	2009 11 16.2	03 26.23 +28 10.7 20.0	-1.17 - 4.4	3.8/18.0	47416

2007 EG ₆₈	2009 11 16.2	03 26.24 +12 50.3 20.2	-0.93 - 3.7	2.1/15.1	56089
2007 BX ₇₇	2009 11 16.2	03 26.24 +28 11.2 21.0	-1.11 - 3.4	3.3/18.1	40175
2006 DU ₈₆	2009 11 16.2	03 26.25 +15 04.5 19.0	-0.86 - 2.6	1.3/15.6	64293
2004 GX ₆₀	2009 11 16.2	03 26.29 +14 51.1 20.8	-1.05 - 3.8	1.4/15.5	62391
2001 PL ₄₄	2009 11 16.2	03 26.29 +25 43.8 20.5	-1.10 - 4.1	2.4/17.7	87436
2005 OO ₂₂	2009 11 16.3	03 26.23 +21 12.0 21.0	-1.16 - 3.9	0.9/16.8	64245
2006 CF ₆₇	2009 11 16.3	03 26.23 +07 12.8 20.5	-0.78 - 4.5	3.5/13.7	64292
2005 QJ ₁₈₁	2009 11 16.3	03 26.25 +12 44.6 19.2	-1.00 - 2.0	2.8/15.2	63721
2004 RV ₁₇₄	2009 11 16.3	03 26.28 +06 50.6 18.6	-0.86 - 7.4	4.5/13.5	64225
2007 EU ₇₂	2009 11 16.3	03 26.28 +02 12.2 21.1	-0.87 - 5.2	5.4/12.6	43275
1998 RN ₁₀	2009 11 16.3	03 26.31 +12 48.1 20.8	-0.84 - 3.6	2.0/15.1	99892
2005 US ₃₈₈	2009 11 16.3	03 26.32 +18 35.4 19.2	-0.99 - 4.7	0.1/16.3	64269
2006 OZ ₂	2009 11 16.3	03 26.32 +36 54.6 20.6	-0.64 - 2.3	3.4/20.6	47414
2006 CO ₅₉	2009 11 16.3	03 26.33 +18 17.3 21.2	-0.81 - 3.0	0.1/16.2	64292
2001 UW ₄	2009 11 16.3	03 26.34 +28 15.8 18.8	-1.57 - 3.9	5.9/18.0	64167
2005 TS ₁₅₀	2009 11 16.3	03 26.36 +15 30.9 20.4	-1.06 - 2.8	1.2/15.7	64260
2005 NX ₅₄	2009 11 16.3	03 26.37 +18 00.5 21.2	-1.11 - 4.8	0.3/16.2	04338
2007 DN ₈₃	2009 11 16.3	03 26.39 +08 15.5 21.0	-1.04 - 4.0	4.2/14.2	18212
2005 YN ₅₅	2009 11 16.3	03 26.43 +13 38.3 20.0	-1.01 - 1.6	2.1/15.5	20465
2006 BU ₂₆₈	2009 11 16.3	03 26.45 +24 18.1 18.6	-1.09 + 1.4	2.1/17.2	97145
2005 NG ₇₁	2009 11 16.3	03 26.47 +27 12.4 21.3	-1.17 - 4.9	3.5/18.1	39217
2005 PC ₄	2009 11 16.3	03 26.47 +07 37.9 20.2	-1.08 - 3.3	4.5/14.4	64246
2005 YP ₂₃	2009 11 16.3	03 26.49 +16 30.0 20.3	-0.93 - 3.0	0.8/15.9	64280
2004 RR ₂₀₆	2009 11 16.3	03 26.50 +07 45.1 20.8	-0.93 - 6.7	3.7/13.9	64226
2004 LP ₃	2009 11 16.3	03 26.52 +41 22.5 20.3	-1.18 - 6.9	7.0/22.3	66384
2007 EW ₂₅	2009 11 16.3	03 26.53 +21 24.7 20.1	-0.98 - 1.8	0.8/16.8	64311
2000 GH ₁₂₀	2009 11 16.3	03 26.55 +16 28.8 21.9	-1.00 - 4.2	0.8/15.9	64724
2005 SR ₂₅₈	2009 11 16.3	03 26.56 +30 55.3 19.7	-1.12 - 4.9	5.2/19.0	20399
2004 TD ₂₄₁	2009 11 16.3	03 26.56 +22 59.3 18.5	-0.86 - 7.1	1.7/17.4	73409
2005 YQ ₂₀₃	2009 11 16.3	03 26.57 +22 23.6 20.9	-0.94 - 3.6	1.2/17.1	20833
2005 RU ₃	2009 11 16.3	03 26.60 +20 16.5 19.9	-1.11 - 3.4	0.6/16.7	64251
2004 DW ₇₄	2009 11 16.3	03 26.60 +31 04.2 20.2	-1.21 - 4.3	4.9/18.9	64216
2001 UG ₁₀₉	2009 11 16.3	03 26.61 +15 24.7 18.4	-0.91 -11.3	1.4/15.5	64168
2003 UQ ₂₀₀	2009 11 16.3	03 26.63 +09 30.9 19.8	-0.77 - 7.4	3.0/14.1	47274
2006 AF ₆₃	2009 11 16.3	03 26.65 +25 58.6 21.0	-0.98 - 3.2	2.5/18.0	01214
2006 AQ ₅₄	2009 11 16.3	03 26.65 +12 30.5 21.1	-0.90 - 3.8	2.3/15.1	03832
2005 WQ ₁₄₁	2009 11 16.3	03 26.68 -00 56.5 21.4	-0.88 - 0.5	6.0/12.9	98007
2002 RJ ₁₆₀	2009 11 16.3	03 26.68 +50 09.7 21.2	-1.15 - 1.2	7.1/23.3	43162
2005 QR ₅₂	2009 11 16.4	03 26.63 +18 40.5 18.3	-1.02 - 2.1	0.0/16.4	64248
2008 GQ ₆₆	2009 11 16.4	03 26.65 +14 34.6 20.2	-1.14 - 2.1	1.7/15.7	43300
2007 GH ₄₂	2009 11 16.4	03 26.65 +21 52.7 19.8	-0.97 - 2.0	1.2/17.0	64319
2004 FE ₁₄₁	2009 11 16.4	03 26.66 +15 11.6 21.0	-1.02 - 5.2	1.2/15.7	40122
2008 LF ₁₁	2009 11 16.4	03 26.67 +17 22.1 20.0	-0.94 - 3.9	0.5/16.1	64335
2006 EV ₆₈	2009 11 16.4	03 26.67 +22 34.9 21.0	-0.83 - 2.9	1.0/17.2	60457
2004 TU ₃₆₇	2009 11 16.4	03 26.68 +15 27.7 20.6	-0.86 - 4.9	1.1/15.7	64234
2004 RH ₁₇₇	2009 11 16.4	03 26.68 +29 38.1 19.0	-0.99 - 5.8	4.0/18.9	64225
1999 TV ₁₆₀	2009 11 16.4	03 26.71 +32 26.6 19.5	-1.07 - 1.5	4.7/19.0	17902
2003 UH ₁₃₅	2009 11 16.4	03 26.72 +09 29.4 20.0	-0.77 - 5.2	2.8/14.3	64212
2006 BN ₂₈₂	2009 11 16.4	03 26.77 +16 50.7 20.2	-0.91 - 2.2	0.7/16.1	63793
2003 SL ₁₀	2009 11 16.4	03 26.80 +03 49.9 20.7	-0.77 - 5.8	4.4/12.9	21137
2005 QT ₅₇	2009 11 16.4	03 26.80 +29 31.8 19.1	-1.13 - 2.5	4.9/18.5	64248

1996 JJ ₁₁	2009 11 16.4	03 26.82 +07 46.9 20.2	-0.99 - 3.3	4.2/14.3	64145
2003 FX ₁₂₁	2009 11 16.4	03 26.83 +26 38.5 20.0	-1.08 - 1.7	2.6/17.8	64203
2008 KF ₂₇	2009 11 16.4	03 26.84 +05 35.2 19.3	-1.04 -19.5	6.1/12.3	63860
2006 QH ₁₆₃	2009 11 16.4	03 26.87 +19 00.0 17.7	-1.87 +15.8	0.1/16.4	64297
2001 KN ₁₅	2009 11 16.4	03 26.88 +11 44.6 20.1	-1.03 - 5.3	2.6/15.0	39148
2003 MY ₅	2009 11 16.4	03 26.92 +24 58.4 20.2	-0.90 - 5.0	1.7/18.0	47250
2007 DH ₁₈	2009 11 16.4	03 26.92 +20 15.1 20.1	-1.08 - 3.8	0.6/16.7	64307
2001 FS ₁₇₃	2009 11 16.4	03 26.92 +14 21.6 21.1	-0.85 - 3.6	1.4/15.5	47166
2002 QL ₃₀	2009 11 16.4	03 26.95 +17 10.4 19.8	-1.07 - 2.2	0.8/16.2	64189
2003 GH ₂₉	2009 11 16.4	03 27.00 +30 36.7 21.0	-1.01 - 2.7	3.1/18.8	64203
2007 EO ₇₂	2009 11 16.4	03 27.02 +02 47.9 20.6	-0.85 - 4.9	5.2/13.0	22881
2001 RJ ₈₅	2009 11 16.4	03 27.07 +29 16.6 19.5	-1.15 - 2.8	4.0/18.5	60741
2002 WV ₆	2009 11 16.4	03 27.08 +21 21.4 19.1	-1.12 - 4.7	1.2/17.0	64197
2007 KM ₆	2009 11 16.4	03 27.10 +18 59.1 20.0	-0.85 - 6.0	0.1/16.5	21244
2003 QY ₂₇	2009 11 16.5	03 27.05 +39 24.6 18.9	-1.03 - 6.7	7.2/22.0	53748
2000 CK ₁₄₃	2009 11 16.5	03 27.09 -25 05.1 21.2	-0.79 - 0.5	11.0/06.6	99937
2003 SQ ₁₄	2009 11 16.5	03 27.11 +45 12.9 19.4	-1.22 + 0.2	9.0/21.8	41793
2007 CT ₃₃	2009 11 16.5	03 27.11 +19 34.9 21.2	-1.08 - 4.0	0.3/16.7	56088
2005 MZ	2009 11 16.5	03 27.11 +19 50.7 20.3	-1.11 - 4.2	0.4/16.7	62421
2007 EW ₂₉	2009 11 16.5	03 27.18 +26 43.2 17.8	-1.10 + 1.4	4.0/18.0	64311
2007 GR ₃₄	2009 11 16.5	03 27.19 +20 38.7 20.3	-1.00 - 2.1	0.6/16.9	62518
2008 GZ ₂₁	2009 11 16.5	03 27.22 +05 49.9 19.1	-1.20 -25.4	6.5/12.2	64329
2005 VQ ₈₁	2009 11 16.5	03 27.25 +22 22.9 19.6	-0.96 - 7.5	1.2/17.4	62458
1999 TE ₅₃	2009 11 16.5	03 27.27 +28 43.9 20.2	-1.02 - 1.6	3.5/18.4	47802
2005 YH ₁₃₇	2009 11 16.5	03 27.28 +22 37.8 20.8	-0.97 - 3.2	1.3/17.3	58522
2006 AG ₈₅	2009 11 16.5	03 27.28 +40 31.0 19.5	-1.23 + 0.1	8.2/20.3	43252
2000 GV ₁₂₀	2009 11 16.5	03 27.30 +12 12.8 19.1	-0.97 - 5.2	2.9/15.2	64153
2003 ST ₁₇₃	2009 11 16.5	03 27.32 +34 01.5 20.5	-0.98 - 1.8	4.3/19.6	48900
2004 TD ₃₀₅	2009 11 16.5	03 27.32 +15 40.3 20.2	-0.92 - 3.6	1.2/15.9	63691
2003 SZ ₁₄₅	2009 11 16.5	03 27.33 +33 03.2 19.2	-0.92 - 6.2	4.6/20.0	64208
2002 FA ₁	2009 11 16.5	03 27.33 +29 54.6 18.1	-1.08 + 0.4	5.4/18.0	64183
2005 VF ₁₂₈	2009 11 16.5	03 27.39 +10 42.5 21.2	-1.04 - 4.1	3.0/15.0	38081
2005 YP ₁₂₃	2009 11 16.5	03 27.40 +17 39.7 19.7	-0.97 - 2.0	0.4/16.4	64283
2007 CX ₁₁	2009 11 16.5	03 27.47 +23 44.7 20.7	-1.05 - 4.6	1.7/17.6	41860
2006 HA ₄₆	2009 11 16.6	03 27.45 +16 16.5 20.8	-0.85 - 2.7	0.8/16.1	64296
2007 BS ₂₆	2009 11 16.6	03 27.46 +21 31.4 21.0	-1.05 - 3.8	0.9/17.1	47417
2008 TJ ₁₇₆	2009 11 16.6	03 27.46 +26 25.6 20.5	-0.59 - 1.6	1.4/18.2	64339
2007 FO ₄₆	2009 11 16.6	03 27.46 +19 53.2 20.7	-0.93 - 2.5	0.4/16.8	64318
2001 YG ₅₂	2009 11 16.6	03 27.49 +22 22.6 18.6	-1.02 - 4.2	1.5/17.3	62335
2005 SY ₇₆	2009 11 16.6	03 27.51 +14 12.4 20.6	-1.03 - 4.4	1.8/15.7	64253
2007 EV ₁₇₂	2009 11 16.6	03 27.51 +13 24.2 21.3	-0.99 - 5.1	2.2/15.5	26262
2002 EM ₂₁	2009 11 16.6	03 27.52 +16 59.5 20.5	-1.00 - 2.4	0.6/16.3	10864
2005 RT ₁₄	2009 11 16.6	03 27.55 +31 39.6 20.2	-1.21 - 2.2	5.5/19.0	64251
2005 QF ₁₈₈	2009 11 16.6	03 27.57 +29 06.9 20.7	-1.19 - 2.5	3.9/18.5	41193
2005 YC ₁₁₅	2009 11 16.6	03 27.67 +18 19.6 19.5	-0.96 - 1.4	0.2/16.6	64283
2004 FG ₃₆	2009 11 16.6	03 27.68 +24 26.5 19.5	-1.24 - 0.5	2.5/17.5	64217
2006 AP ₁₀₄	2009 11 16.6	03 27.71 +25 29.6 19.7	-0.97 - 3.9	2.6/18.0	41840
2002 GN ₁₄₈	2009 11 16.6	03 27.76 +20 53.1 20.1	-0.92 - 3.9	0.7/17.1	47213
2004 OU ₁₁	2009 11 16.6	03 27.78 -02 47.0 21.2	-0.94 - 1.3	7.2/13.0	69750
2002 CR ₁₂₄	2009 11 16.6	03 27.78 +10 01.4 19.1	-0.90 - 4.3	3.3/14.8	64180
2000 FO ₄₈	2009 11 16.6	03 27.79 +10 36.0 20.9	-1.02 - 2.5	2.8/15.2	37265

2005 YJ ₇₃	2009 11 16.6	03 27.82 +27 45.9 18.9	-0.93 - 4.7	4.4/18.7	64282
2008 SS ₂	2009 11 16.6	03 27.86 +24 34.6 19.3	-0.96 - 0.4	1.8/17.7	62542
2007 EH ₄₉	2009 11 16.6	03 27.87 +10 32.8 21.6	-0.94 - 3.1	2.6/15.1	20554
2007 DX ₂₃	2009 11 16.6	03 27.87 +21 12.5 21.5	-0.98 - 3.4	0.8/17.1	19702
2003 QW ₈	2009 11 16.6	03 27.89 +00 27.5 19.6	-0.79 - 4.5	6.3/12.6	19602
2005 AK ₂₇	2009 11 16.6	03 27.91 -27 09.7 19.4	-1.29 + 5.0	21.3/09.8	64239
2008 OA ₂₁	2009 11 16.7	03 27.85 +31 58.2 20.8	-0.93 - 2.7	3.9/19.4	46594
2007 EK ₄₅	2009 11 16.7	03 27.91 +27 17.0 20.1	-1.04 - 1.6	2.9/18.2	20852
2007 MP ₇	2009 11 16.7	03 27.99 +13 56.6 20.0	-0.87 - 0.9	1.5/15.9	64323
2003 BZ ₇₇	2009 11 16.7	03 28.02 +09 05.2 20.1	-1.03 - 1.9	3.7/15.0	64201
2003 SK ₂₄₈	2009 11 16.7	03 28.02 +08 37.9 19.5	-0.78 - 4.6	3.7/14.5	64209
2005 QT ₁₁	2009 11 16.7	03 28.03 +08 04.3 20.3	-1.07 - 2.4	4.4/14.9	64246
2002 TK ₈₇	2009 11 16.7	03 28.03 +14 19.0 19.0	-0.96 - 6.0	2.2/15.7	64193
2004 JV ₄₈	2009 11 16.7	03 28.05 +09 58.1 20.4	-1.04 - 1.9	3.3/15.2	21813
2002 RK ₂₇₉	2009 11 16.7	03 28.05 +22 51.4 19.3	-1.04 - 7.2	1.9/18.0	39172
2000 RN ₁₆	2009 11 16.7	03 28.09 +30 23.7 18.9	-1.04 - 4.9	4.4/19.3	64154
2005 JJ ₇₅	2009 11 16.7	03 28.10 +37 21.8 19.2	-1.28 + 3.7	6.4/18.9	14164
2005 QV ₂	2009 11 16.7	03 28.10 +29 21.9 19.5	-1.14 - 6.6	4.4/19.1	64246
2007 LW ₂₇	2009 11 16.7	03 28.11 -00 48.6 21.4	-0.83 - 5.1	6.0/12.2	21710
2005 NE ₄₅	2009 11 16.7	03 28.13 +13 14.1 20.6	-1.11 - 3.0	2.2/15.8	58504
2004 TC ₂₉₂	2009 11 16.7	03 28.15 +20 45.7 20.4	-0.97 - 2.0	0.7/17.1	64233
2007 RT ₇₅	2009 11 16.7	03 28.16 +13 26.3 20.4	-0.53 - 2.0	1.0/15.6	64323
2004 RM ₁₅₈	2009 11 16.7	03 28.18 +14 19.6 20.0	-0.91 - 4.7	1.6/15.8	64225
2002 XQ ₁₄	2009 11 16.7	03 28.21 +39 51.9 17.9	-1.15 - 7.6	10.9/22.8	64198
2008 TB ₁₄₂	2009 11 16.7	03 28.21 +23 09.9 20.0	-0.61 - 1.2	0.9/17.6	50447
2003 JR ₇	2009 11 16.7	03 28.22 +11 19.8 19.9	-0.95 - 1.4	2.4/15.5	64204
2001 OG ₃₇	2009 11 16.7	03 28.24 +05 36.5 18.9	-1.15 -19.3	6.3/12.8	63616
2006 BB ₃₄	2009 11 16.7	03 28.24 +33 06.1 20.7	-1.01 - 2.5	4.3/19.5	62476
2005 VA ₁₂₅	2009 11 16.7	03 28.27 +12 34.9 21.0	-0.85 - 3.4	2.0/15.5	11149
2003 EF ₅₉	2009 11 16.7	03 28.27 +56 47.4 21.1	-1.49 - 3.2	9.6/26.3	47244
2007 GP ₄₂	2009 11 16.7	03 28.29 +19 11.7 21.6	-0.84 - 2.9	0.1/16.9	47428
2001 SJ ₁₆₀	2009 11 16.7	03 28.32 +14 33.5 19.5	-0.97 - 6.2	1.7/15.8	64164
2006 BL ₂₆₇	2009 11 16.7	03 28.35 +09 25.2 19.5	-0.96 - 0.2	3.5/15.2	21176
2005 YZ ₁₂₈	2009 11 16.8	03 28.27 +09 16.0 19.3	-0.94 - 1.4	3.5/15.1	64283
2007 CS ₇	2009 11 16.8	03 28.28 +29 52.2 20.7	-1.18 - 3.7	4.4/18.9	64305
2005 BU ₂₃	2009 11 16.8	03 28.28 +43 31.5 18.7	-1.06 - 3.4	8.4/22.6	64240
2007 DF ₁₃	2009 11 16.8	03 28.40 +04 59.4 20.6	-0.99 - 5.4	5.6/13.8	19701
2008 QS ₁₇	2009 11 16.8	03 28.41 +29 43.0 20.5	-0.91 - 2.9	3.2/19.1	64336
2005 QV ₁₁₄	2009 11 16.8	03 28.44 +29 31.9 19.4	-1.17 - 2.9	4.4/18.9	64249
2003 AY ₉₂	2009 11 16.8	03 28.44 +15 51.1 20.3	-1.05 - 3.1	1.1/16.3	64200
2009 UM ₃₃	2009 11 16.8	03 28.47 +18 20.4 19.4	-1.03 - 2.1	0.3/16.7	64075
2003 CA ₆	2009 11 16.8	03 28.47 +18 00.0 19.5	-1.08 - 2.5	0.3/16.7	64201
2005 ST ₅₄	2009 11 16.8	03 28.48 +21 26.7 20.7	-1.10 - 2.7	1.3/18.0	64253
2006 EC ₄₂	2009 11 16.8	03 28.52 +20 49.1 19.7	-0.87 - 3.8	0.7/17.3	64295
2002 TH ₂₇₃	2009 11 16.8	03 28.53 +31 00.3 20.0	-1.26 - 2.5	5.4/19.1	65376
2007 HK ₃₆	2009 11 16.8	03 28.57 +18 38.6 21.2	-0.85 - 3.4	0.1/16.8	43281
2005 TC ₄₃	2009 11 16.8	03 28.60 +20 15.2 19.7	-1.08 - 3.0	0.6/17.1	64258
2007 DE ₄₂	2009 11 16.8	03 28.61 +27 50.5 19.7	-1.16 - 4.3	4.0/18.6	42872
2001 XJ ₁₅₅	2009 11 16.8	03 28.63 +25 39.3 19.4	-0.95 - 9.5	2.9/18.6	64174
2001 HM ₄₈	2009 11 16.8	03 28.63 -14 24.4 20.8	-0.73 - 3.6	8.2/08.9	47166
2001 RE ₁₃₉	2009 11 16.8	03 28.65 +06 29.6 20.1	-0.95 - 4.5	5.2/14.3	64163

2005 SK ₁₂₈	2009 11 16.8	03 28.74 +17 02.0 19.9	-1.06	- 4.0	0.8/16.5	62435
2001 ON ₅₅	2009 11 16.8	03 28.79 +23 49.1 18.4	-1.27	-19.0	2.3/18.3	64160
2006 BA ₁₁₅	2009 11 16.9	03 28.72 +24 36.2 20.3	-0.86	- 3.4	1.6/18.1	47380
2003 SN ₁₀₉	2009 11 16.9	03 28.72 +39 41.8 19.8	-1.05	- 1.7	5.6/21.2	47258
2005 YP ₂₂	2009 11 16.9	03 28.72 +14 26.8 19.6	-0.91	- 2.3	1.5/16.1	64280
2007 EO ₇₆	2009 11 16.9	03 28.76 +04 46.7 21.3	-0.87	- 5.7	4.3/13.7	64312
2002 CY ₅₀	2009 11 16.9	03 28.77 +42 01.2 20.0	-1.19	- 3.2	8.3/21.8	47200
2000 RF ₈₂	2009 11 16.9	03 28.77 +13 24.2 18.3	-0.88	- 9.4	2.3/15.5	63610
2008 SS ₈₉	2009 11 16.9	03 28.80 +13 03.6 21.2	-0.78	- 3.5	1.6/15.7	64337
2002 RX ₁₅₈	2009 11 16.9	03 28.86 +20 24.2 20.9	-1.15	- 3.9	0.6/17.2	62354
2006 BA ₁₁₀	2009 11 16.9	03 28.88 +04 39.2 20.0	-0.83	- 1.6	4.3/14.3	64289
2004 CC ₄₃	2009 11 16.9	03 28.89 +23 09.7 20.5	-1.17	- 2.4	1.6/17.7	87613
2005 WZ ₁₇₄	2009 11 16.9	03 28.90 +13 16.1 20.3	-0.96	- 1.3	1.9/16.0	20827
2007 GK ₂₂	2009 11 16.9	03 28.96 +20 39.9 20.1	-0.93	- 0.5	0.5/17.3	63833
2008 HR ₃₄	2009 11 16.9	03 28.97 +08 09.9 20.2	-1.05	- 4.4	4.2/14.9	64332
2005 SA ₁₁₉	2009 11 16.9	03 28.98 +20 58.1 19.7	-1.29	+ 1.3	10.5/08.0	21832
2003 GB ₅	2009 11 16.9	03 28.99 +08 59.3 20.7	-0.92	- 5.0	3.3/14.8	41789
2004 EP ₄₁	2009 11 16.9	03 29.00 +29 23.9 19.6	-1.24	- 1.9	4.7/18.8	14714
2007 DV ₂₀	2009 11 16.9	03 29.00 +30 14.2 22.6	-0.99	- 2.7	3.0/19.2	46503
2005 QE ₁₅₉	2009 11 16.9	03 29.01 +21 29.2 19.9	-1.15	- 2.1	0.9/17.4	64250
2006 DB ₁₇₅	2009 11 16.9	03 29.05 +17 55.2 21.0	-0.86	- 2.5	0.3/16.8	64294
2005 KF ₆	2009 11 16.9	03 29.11 +19 50.8 19.8	-1.24	- 1.2	0.4/17.1	64242
2005 YS ₂₃	2009 11 16.9	03 29.12 -03 25.7 20.3	-0.98	+ 1.1	8.6/13.3	21352
2005 QY ₅₁	2009 11 16.9	03 29.16 +27 18.8 19.7	-1.16	- 5.5	3.6/18.8	16298
2002 RX ₁₂₆	2009 11 16.9	03 29.16 +32 34.3 19.8	-0.87	- 4.8	3.5/20.2	47228
2006 BB ₁₁₀	2009 11 16.9	03 29.16 +15 01.0 20.3	-0.89	- 2.3	1.3/16.3	64289
2005 YU ₁₂₁	2009 11 16.9	03 29.17 +33 43.6 18.8	-1.03	- 6.9	6.0/20.5	64283
2008 QH ₆	2009 11 17.0	03 29.11 +05 33.5 19.8	-0.77	- 6.0	4.0/13.8	51071
2005 WF ₁₁₃	2009 11 17.0	03 29.11 +06 51.3 19.3	-0.92	- 5.3	4.4/14.4	64276
2002 CU ₁₅₅	2009 11 17.0	03 29.14 +13 05.4 19.1	-1.02	- 0.9	2.7/16.0	64181
2006 HB ₂	2009 11 17.0	03 29.15 +17 25.2 20.2	-0.90	+ 0.2	0.4/16.8	63797
2003 UO ₁₄₂	2009 11 17.0	03 29.16 +23 28.8 19.3	-0.82	- 5.8	1.3/18.1	50962
2000 CX ₁₄₉	2009 11 17.0	03 29.17 -01 21.2 20.2	-0.78	- 2.5	6.3/12.8	59377
2006 DD ₉₀	2009 11 17.0	03 29.18 +05 26.9 20.9	-0.78	- 4.1	4.2/14.1	22812
2007 CK ₃₁	2009 11 17.0	03 29.18 +20 51.9 20.5	-1.03	- 3.7	0.7/17.4	64306
2002 QF ₁₃₀	2009 11 17.0	03 29.19 +11 41.5 21.0	-1.15	- 2.1	3.1/15.8	64189
2007 EL ₃₀	2009 11 17.0	03 29.19 +11 45.8 21.3	-1.03	- 4.1	2.7/15.6	19711
2005 YB ₁₁₇	2009 11 17.0	03 29.21 +16 25.7 20.7	-0.95	- 2.1	0.9/16.6	64283
2006 EU ₆₃	2009 11 17.0	03 29.24 +26 47.6 20.3	-0.88	- 3.4	2.3/18.7	47400
2005 QW ₄₃	2009 11 17.0	03 29.24 +12 53.8 20.2	-1.08	- 3.4	2.2/15.9	64247
2000 SZ ₆	2009 11 17.0	03 29.24 +26 50.4 18.8	-0.98	- 8.0	3.0/19.0	64809
2002 CR ₂₇₂	2009 11 17.0	03 29.26 -11 24.2 19.4	-0.93	- 1.3	12.4/10.1	20762
2007 HE ₅₈	2009 11 17.0	03 29.28 +14 13.5 20.3	-0.97	- 0.7	1.5/16.2	42884
2007 HF ₄₉	2009 11 17.0	03 29.28 +12 53.0 20.4	-0.84	- 2.3	1.9/15.9	21221
2003 DM ₄	2009 11 17.0	03 29.31 -01 55.2 23.6	-0.98	- 4.4	6.4/12.4	20301
2008 SH ₁₄	2009 11 17.0	03 29.32 +10 33.1 19.7	-0.82	- 3.6	2.8/15.3	64337
2002 RF ₂₅₇	2009 11 17.0	03 29.32 +14 31.2 19.9	-1.02	- 4.6	2.2/16.2	63635
2004 CT ₉₅	2009 11 17.0	03 29.32 +07 24.0 19.6	-1.06	- 3.9	4.7/14.8	64215
2005 QV ₅₂	2009 11 17.0	03 29.33 +23 48.9 19.6	-1.16	- 4.3	2.0/18.0	38050
2001 YB ₄	2009 11 17.0	03 29.34 -08 39.4 20.9	-1.22	+ 2.7	9.6/12.7	94414
2005 XM ₅₃	2009 11 17.0	03 29.35 +23 07.9 20.7	-1.04	- 4.8	1.8/18.0	96627

2005 UQ ₄₄₃	2009 11 17.0	03 29.35 +26 20.6 19.5	-1.07	- 3.7	3.0/18.5	18150
2002 KR ₈	2009 11 17.0	03 29.36 +08 21.5 19.7	-0.79	- 7.4	3.0/14.5	64186
2003 SV ₃₁₁	2009 11 17.0	03 29.36 +09 01.3 19.9	-0.79	- 5.3	3.1/14.8	64210
2004 PG ₈₈	2009 11 17.0	03 29.42 +16 32.1 20.8	-0.94	- 4.9	0.8/16.6	69838
2005 YZ ₈₁	2009 11 17.0	03 29.42 +07 52.9 20.2	-0.92	- 1.7	4.0/15.1	63781
2003 EF ₁₇	2009 11 17.0	03 29.46 +12 00.2 20.9	-0.97	- 2.5	2.2/15.8	15762
2002 OR ₁₆	2009 11 17.0	03 29.48 +17 37.8 20.0	-1.12	- 6.9	0.6/16.8	64187
2005 UV ₈₆	2009 11 17.0	03 29.50 +16 16.9 21.3	-1.04	- 4.0	1.0/16.6	64263
2005 BA ₉	2009 11 17.0	03 29.51 +38 16.9 19.5	-1.03	- 1.9	6.9/20.9	47339
2002 XX ₁₀₈	2009 11 17.0	03 29.51 +23 18.7 19.1	-1.06	- 2.6	2.2/17.9	62364
2002 AN ₂₀₂	2009 11 17.0	03 29.53 +18 54.4 19.8	-0.97	- 4.2	0.0/17.1	64179
2008 RL ₁₀₀	2009 11 17.0	03 29.56 +02 17.0 19.3	-0.79	- 2.9	5.2/13.7	62542
2002 QU ₁₁₅	2009 11 17.0	03 29.60 +24 33.3 19.9	-1.15	- 2.8	2.7/18.1	21548
2001 VE ₁₂₆	2009 11 17.0	03 29.60 +16 27.2 20.1	-1.00	- 2.4	1.1/16.6	64171
2009 UQ ₃₉	2009 11 17.1	03 29.54 +15 29.5 18.9	-0.77	-10.3	1.6/16.2	64076
2006 BZ ₂₀₁	2009 11 17.1	03 29.54 +15 05.5 20.0	-0.89	- 2.5	1.3/16.4	64291
2004 RG ₃₁	2009 11 17.1	03 29.57 +21 55.8 19.9	-1.05	- 2.1	1.2/18.0	64223
2003 TC ₁	2009 11 17.1	03 29.57 +30 14.6 19.2	-0.88	- 7.7	3.5/20.0	64211
2006 BM ₂₅₀	2009 11 17.1	03 29.59 +03 23.5 20.5	-0.78	- 2.7	4.4/14.0	62479
2005 XT ₆₇	2009 11 17.1	03 29.61 +22 59.5 20.7	-0.98	- 4.2	1.3/17.9	18165
2004 SC ₄₃	2009 11 17.1	03 29.62 +33 48.6 19.8	-1.06	- 4.5	5.2/20.4	95468
2003 SY ₂₈₄	2009 11 17.1	03 29.63 +28 05.0 19.7	-0.90	- 4.2	3.2/19.1	41797
2005 QB ₂₁	2009 11 17.1	03 29.65 +21 56.1 19.4	-1.12	- 2.6	1.4/18.0	64247
2003 TN ₂₈	2009 11 17.1	03 29.69 +20 08.7 20.2	-0.84	- 3.3	0.3/17.4	48905
2008 SY ₃₉	2009 11 17.1	03 29.69 +16 23.1 20.1	-0.54	- 1.7	0.5/16.6	64337
2000 SQ ₁₃₅	2009 11 17.1	03 29.73 +40 43.5 19.1	-1.22	- 0.9	8.5/21.2	97398
2005 AX ₅₁	2009 11 17.1	03 29.73 +13 29.2 18.8	-0.85	- 1.2	1.9/16.2	64239
2004 NE ₁₂	2009 11 17.1	03 29.73 -00 19.1 20.0	-0.98	+ 0.6	7.1/14.3	55995
2006 BP ₁₇	2009 11 17.1	03 29.74 +07 38.2 20.0	-0.87	- 2.4	3.8/15.0	64288
2002 QE ₃₀	2009 11 17.1	03 29.77 +08 11.9 19.9	-1.10	- 3.1	4.2/15.2	64189
2006 YM ₃₄	2009 11 17.1	03 29.77 +16 30.0 20.1	-1.19	- 0.6	1.1/16.8	63807
1995 SH ₁₃	2009 11 17.1	03 29.80 +23 43.7 19.2	-0.98	- 2.7	2.0/18.1	62292
2002 QC ₁₁₂	2009 11 17.1	03 29.82 +18 52.6 21.2	-1.14	- 5.3	0.0/17.1	37962
2002 LG ₁₆	2009 11 17.1	03 29.83 +25 48.4 20.1	-0.87	- 5.6	1.9/18.7	43155
2006 CU ₄₉	2009 11 17.1	03 29.83 +33 44.0 19.9	-0.94	- 3.3	4.1/20.3	47388
2003 SU ₅₄	2009 11 17.1	03 29.84 +13 04.8 19.7	-0.82	- 6.2	2.0/15.8	63660
2004 TN ₁₈₅	2009 11 17.1	03 29.86 +28 59.2 19.8	-1.04	- 1.6	3.2/19.0	59744
2006 BW ₁₃₆	2009 11 17.1	03 29.86 +17 41.2 21.5	-0.84	- 2.5	0.4/16.9	47381
2002 TR ₇₃	2009 11 17.1	03 29.88 +23 34.8 19.1	-1.10	- 6.7	2.1/18.2	63640
2001 UF ₇₀	2009 11 17.1	03 29.95 +24 02.3 20.8	-1.10	- 1.8	1.8/18.1	94210
2005 YC ₆₀	2009 11 17.1	03 29.95 +20 41.4 20.5	-0.99	- 2.7	0.6/17.5	64281
1998 HM ₈₀	2009 11 17.1	03 29.98 +25 11.6 20.0	-1.12	- 1.2	2.3/18.0	97335
2007 FV ₇	2009 11 17.1	03 29.98 +18 23.8 19.9	-1.03	- 4.2	0.3/17.1	64317
2004 EG ₃₅	2009 11 17.1	03 30.00 +05 11.9 20.1	-1.00	- 4.0	4.8/14.5	64216
2005 WJ ₂₅	2009 11 17.2	03 29.93 +20 28.6 20.2	-1.04	- 1.9	0.5/17.5	97981
2005 UC ₁₄	2009 11 17.2	03 29.99 +16 29.7 20.1	-1.06	- 3.0	1.0/16.8	64261
2002 AE ₁₈₇	2009 11 17.2	03 30.01 -08 50.6 19.5	-1.05	+ 3.2	10.2/13.3	64179
2005 QA ₆₅	2009 11 17.2	03 30.04 +21 33.7 18.5	-1.03	+ 1.2	1.3/17.6	63717
2004 EX ₁₆	2009 11 17.2	03 30.05 +14 07.9 20.2	-1.11	- 1.8	1.8/16.4	14093
2006 BN ₇₈	2009 11 17.2	03 30.09 -05 16.9 21.2	-0.76	- 2.2	6.2/12.2	63789
2005 YJ ₂₅₂	2009 11 17.2	03 30.09 +12 06.5 20.3	-0.92	- 2.6	2.4/15.9	22806

1998 HD ₁₀	2009 11 17.2	03 30.09 +23 38.1 20.8	-1.06 + 0.1	1.5/18.0	62294
2007 HE ₃₀	2009 11 17.2	03 30.11 +30 46.5 20.7	-1.02 - 0.1	3.4/19.3	64321
2002 BW ₂₄	2009 11 17.2	03 30.26 -02 19.6 18.7	-0.87 - 3.5	9.1/12.6	63621
2004 VS ₁₁₁	2009 11 17.2	03 30.28 +35 46.8 19.1	-1.07 - 1.3	5.8/20.4	64236
2002 VF ₁₂₇	2009 11 17.2	03 30.29 +20 39.5 18.6	-1.18 + 1.1	0.8/17.5	63648
2002 JZ ₁₃₇	2009 11 17.2	03 30.30 +23 10.8 19.4	-0.99 + 0.1	1.4/18.0	64186
2007 GE ₃₀	2009 11 17.2	03 30.32 +20 59.5 21.3	-0.84 - 1.6	0.5/17.7	59793
2003 UV ₂₃₉	2009 11 17.2	03 30.34 +30 33.1 19.6	-1.06 + 0.8	3.6/19.2	43191
2007 CE ₆₅	2009 11 17.2	03 30.35 +20 16.1 22.7	-0.93 - 1.4	0.3/17.5	38128
2006 HE ₇₈	2009 11 17.2	03 30.36 +38 13.6 19.0	-1.26 + 4.0	7.2/19.7	64296
2004 EK ₆	2009 11 17.3	03 30.34 +15 57.4 19.9	-1.07 - 4.3	1.1/16.7	64216
2003 UP ₂₇	2009 11 17.3	03 30.40 +14 19.1 18.2	-0.87 - 0.7	1.7/16.5	64211
2003 SC ₁₀₅	2009 11 17.3	03 30.41 +29 51.2 18.5	-0.90 - 5.5	3.6/19.8	64208
2008 JG ₁₅	2009 11 17.3	03 30.41 +09 38.2 21.5	-1.02 - 4.0	3.3/15.5	40771
2003 SY ₂₈₅	2009 11 17.3	03 30.43 +36 03.7 20.2	-1.02 - 1.8	5.9/20.7	02175
2002 RR ₆₈	2009 11 17.3	03 30.47 +25 03.2 19.5	-1.17 - 3.5	2.8/18.5	64190
2007 CM ₂₇	2009 11 17.3	03 30.50 +10 23.6 21.2	-1.07 - 3.9	3.4/15.7	18196
2004 HA ₃₂	2009 11 17.3	03 30.51 +20 02.9 20.5	-1.11 - 1.5	0.4/17.5	64219
2002 AZ ₂₀₂	2009 11 17.3	03 30.51 +39 17.1 21.5	-1.17 - 4.1	7.7/21.5	35570
2005 QM ₃₂	2009 11 17.3	03 30.53 +16 26.0 20.5	-1.10 - 3.4	1.0/16.9	64247
2003 SG ₁₃	2009 11 17.3	03 30.54 -05 10.6 19.8	-0.77 - 4.8	8.2/11.9	53772
2006 DS ₅₅	2009 11 17.3	03 30.56 -00 46.4 19.3	-0.82 - 2.0	7.0/13.5	03867
2007 GK ₆₄	2009 11 17.3	03 30.57 +14 32.5 19.9	-0.92 - 7.1	1.5/16.3	63834
2005 TK ₁₂₁	2009 11 17.3	03 30.59 +23 17.8 20.7	-1.10 - 3.9	1.5/18.2	40146
2006 AQ ₂₆	2009 11 17.3	03 30.62 +13 42.5 19.7	-0.92 - 2.1	1.8/16.4	60857
2005 OO ₂₅	2009 11 17.3	03 30.63 +29 14.1 20.3	-1.16 - 4.8	4.4/19.5	47351
2002 UH ₂₃	2009 11 17.3	03 30.66 +41 04.0 18.5	-2.11 +15.2	11.5/18.0	64195
2004 MF ₇	2009 11 17.3	03 30.69 +26 56.7 20.0	-1.03 - 5.9	2.9/19.1	21813
2007 BJ ₄₇	2009 11 17.3	03 30.69 +22 54.0 19.4	-1.14 - 2.2	1.8/18.0	62501
2007 LD ₁₀	2009 11 17.3	03 30.70 +04 33.3 20.6	-0.75 - 4.3	3.9/14.2	64323
2003 QA ₇₀	2009 11 17.3	03 30.71 +49 10.7 17.5	-1.09 -10.4	11.3/27.6	64206
2003 CO ₁₄	2009 11 17.3	03 30.75 +17 51.8 20.6	-1.02 - 4.8	0.4/17.1	64201
2006 EG ₁₉	2009 11 17.3	03 30.75 +07 32.4 20.4	-0.79 - 4.7	3.7/14.8	64294
2007 BA ₁₇	2009 11 17.3	03 30.78 +30 23.8 20.1	-1.19 - 3.3	4.5/19.5	19695
2001 RA ₁₀₉	2009 11 17.3	03 30.80 +21 52.5 20.4	-1.09 - 3.4	1.0/18.0	64162
2004 RR ₄	2009 11 17.3	03 30.82 +11 41.9 19.4	-0.96 - 0.9	2.7/16.2	59730
2005 QX ₁₃	2009 11 17.4	03 30.77 +23 26.9 20.1	-1.07 - 3.9	2.1/18.3	90224
2007 TA	2009 11 17.4	03 30.80 +01 27.7 19.5	-0.55 - 1.5	3.6/13.8	64323
2006 BH ₃₃	2009 11 17.4	03 30.84 +38 08.1 21.2	-0.97 - 1.8	4.9/21.3	46367
2002 FC ₂₆	2009 11 17.4	03 30.85 +04 01.2 20.2	-0.91 - 0.7	4.5/14.8	21315
2008 TS ₈₂	2009 11 17.4	03 30.89 +34 54.4 20.7	-1.07 - 2.7	4.9/20.6	56138
2002 EQ ₆₈	2009 11 17.4	03 30.94 +31 21.0 20.5	-1.04 - 1.9	3.9/19.7	21778
2000 SV ₆₅	2009 11 17.4	03 30.96 +05 02.2 19.7	-0.90 - 4.9	4.6/14.5	64155
2005 YN ₁₉₂	2009 11 17.4	03 31.04 +25 27.6 21.1	-0.98 - 3.5	2.2/18.7	98065
2007 JB ₁₉	2009 11 17.4	03 31.05 +13 01.4 20.2	-0.81 - 5.3	1.8/16.1	64322
2001 XO ₁₀₅	2009 11 17.4	03 31.08 -01 03.3 19.8	-1.57 + 9.2	9.6/16.4	39160
2003 SU ₁₅₀	2009 11 17.4	03 31.10 +17 14.5 18.9	-0.90 - 0.3	0.7/17.2	63664
2005 SZ ₂₇₀	2009 11 17.4	03 31.18 +12 25.8 19.2	-1.09 - 0.3	2.7/16.5	64257
2003 SM ₂₄₆	2009 11 17.4	03 31.21 +27 11.4 19.8	-0.95 - 1.0	2.5/18.9	02172
2006 AD ₆₈	2009 11 17.4	03 31.23 +15 03.0 20.3	-0.88 - 3.1	1.3/16.7	64287
2003 FK ₆₈	2009 11 17.4	03 31.23 +30 34.7 20.2	-1.15 - 0.1	3.8/19.4	59696

2004 RZ ₅	2009 11 17.4	03 31.23 +26 17.4 18.8	-1.10 + 0.7	3.0/18.6	63679
2004 PU ₆₉	2009 11 17.4	03 31.25 +38 41.8 19.9	-1.19 - 1.5	6.8/21.3	59728
2005 MC ₂₁	2009 11 17.4	03 31.27 +13 19.7 20.6	-1.09 - 4.2	2.2/16.4	64242
2005 OH ₂₈	2009 11 17.5	03 31.18 +22 19.9 20.6	-1.12 - 4.0	1.4/18.1	11116
2006 BW ₂₄₈	2009 11 17.5	03 31.21 +18 33.7 20.5	-0.87 - 2.6	0.1/17.4	64291
2005 UA ₄₃₂	2009 11 17.5	03 31.25 +15 20.3 20.7	-0.97 - 4.4	1.3/16.8	64270
2003 SX ₂₈₈	2009 11 17.5	03 31.28 +02 04.8 20.3	-0.78 - 4.4	5.1/13.9	20786
2004 XN ₂₈	2009 11 17.5	03 31.32 +10 19.1 18.2	-0.93 + 0.9	3.1/16.2	64237
2007 HM ₆₅	2009 11 17.5	03 31.32 +05 42.5 20.3	-0.83 - 1.2	4.0/15.2	64321
2004 NK ₂₄	2009 11 17.5	03 31.33 +07 33.6 19.2	-0.92 - 4.3	4.2/15.3	64220
2005 CN ₇₆	2009 11 17.5	03 31.34 +60 22.9 20.0	-1.50 - 1.0	12.7/27.0	87652
2007 BS ₁₅	2009 11 17.5	03 31.34 +02 56.2 21.9	-0.93 - 1.8	4.9/14.7	40447
2008 FW ₁₁₂	2009 11 17.5	03 31.36 +21 21.4 20.0	-1.26 - 0.1	1.1/18.0	63849
2006 BH ₁₄₉	2009 11 17.5	03 31.36 +03 38.3 20.7	-0.86 - 3.5	5.0/14.3	63790
2001 DP ₈₁	2009 11 17.5	03 31.39 +03 59.4 21.8	-1.32 - 4.8	6.8/14.8	31169
2005 CQ ₄	2009 11 17.5	03 31.39 +30 46.1 19.6	-0.96 - 2.4	4.2/19.8	64240
2003 US ₃₃₆	2009 11 17.5	03 31.41 +08 12.8 20.6	-0.80 - 4.7	3.5/15.2	55111
2005 SW ₁₅₃	2009 11 17.5	03 31.44 +15 17.8 21.4	-1.04 - 5.4	1.4/16.8	40143
2008 RS ₈₂	2009 11 17.5	03 31.45 +26 12.4 20.6	-0.87 - 3.3	2.1/19.0	58611
2001 RW ₁₁₆	2009 11 17.5	03 31.47 +12 16.3 20.3	-1.03 - 3.5	2.7/16.3	64163
2002 XQ ₄₃	2009 11 17.5	03 31.49 +25 38.8 19.4	-1.13 - 6.9	2.9/19.0	64198
2001 XE ₁₃₆	2009 11 17.5	03 31.51 +15 13.0 19.3	-0.98 - 2.9	1.7/16.8	64174
2009 UD ₃₄	2009 11 17.5	03 31.53 +18 00.4 20.4	-0.87 - 3.8	0.3/17.4	64075
2003 JD ₅	2009 11 17.5	03 31.56 +09 06.7 20.0	-0.88 - 6.2	3.1/15.3	64204
2002 CP ₁₇	2009 11 17.5	03 31.59 +26 41.4 19.0	-1.05 - 2.7	3.2/19.0	64179
2007 EE ₇₈	2009 11 17.5	03 31.62 +20 12.4 20.1	-0.98 - 2.4	0.4/17.8	64313
2007 ED ₁₉₆	2009 11 17.5	03 31.63 +29 44.8 21.1	-0.94 - 1.5	2.9/19.6	47425
2002 AW ₆₃	2009 11 17.5	03 31.63 +37 13.0 19.3	-1.15 - 3.1	6.3/21.1	64178
2004 YY ₂₈	2009 11 17.5	03 31.64 +23 31.0 19.1	-0.92 - 3.1	1.6/18.5	47335
2004 PZ ₂₅	2009 11 17.5	03 31.65 +22 58.1 19.3	-1.00 - 3.6	1.5/18.4	18078
2000 SR ₂₆	2009 11 17.5	03 31.66 +04 50.7 19.8	-0.91 - 5.6	5.3/14.6	64155
2005 YD ₂₅₇	2009 11 17.6	03 31.57 +07 51.2 20.5	-0.87 - 3.3	3.8/15.4	64285
2003 FZ ₉₃	2009 11 17.6	03 31.57 +15 42.7 18.9	-1.07 + 1.2	1.2/17.1	63654
2008 HT ₄₇	2009 11 17.6	03 31.58 +02 37.0 20.4	-1.08 -16.6	7.3/12.7	41656
2004 CV ₇₉	2009 11 17.6	03 31.58 +04 34.6 19.5	-1.06 - 2.2	5.9/15.1	64215
2006 DP ₂₅	2009 11 17.6	03 31.60 +04 45.3 19.9	-0.83 - 3.6	5.5/14.6	56041
2007 BP ₁₅	2009 11 17.6	03 31.60 +13 41.9 21.3	-1.02 - 2.7	1.9/16.6	21183
2005 SH ₂₃₉	2009 11 17.6	03 31.62 +19 42.0 20.6	-1.09 - 2.7	10.8/08.0	21838
1999 FQ ₇₈	2009 11 17.6	03 31.62 +31 16.8 20.6	-1.16 - 0.2	3.9/19.6	43096
2006 DD ₃₃	2009 11 17.6	03 31.67 -01 48.0 21.1	-0.76 - 4.2	5.7/12.9	47391
2005 WP ₈₈	2009 11 17.6	03 31.68 +22 55.0 18.7	-0.95 - 9.3	1.6/18.6	63766
2007 FQ ₃₇	2009 11 17.6	03 31.69 +15 31.8 20.9	-0.90 - 3.7	1.2/16.9	64317
2004 XA ₁₆₈	2009 11 17.6	03 31.71 +14 28.6 19.8	-0.81 - 1.8	1.2/16.8	64239
2004 XP ₅₉	2009 11 17.6	03 31.71 +07 03.9 19.6	-0.93 + 1.1	3.8/15.8	64237
2003 QH ₃₁	2009 11 17.6	03 31.75 +04 26.0 18.8	-0.77 - 5.4	5.7/14.3	64205
2003 QM ₈₁	2009 11 17.6	03 31.77 +02 51.8 19.4	-0.80 - 3.3	5.4/14.3	64206
2004 NU ₁₂	2009 11 17.6	03 31.77 +09 48.3 20.8	-0.97 - 2.5	3.1/16.0	40126
2004 RU ₁₈₇	2009 11 17.6	03 31.81 +36 12.8 18.7	-1.07 - 4.3	6.4/21.5	64225
2005 YK ₁₇₀	2009 11 17.6	03 31.81 +09 57.6 20.4	-0.89 - 3.0	3.1/15.9	64284
2002 XZ ₇₃	2009 11 17.6	03 31.83 +19 24.0 18.5	-1.10 - 0.8	11.8/08.0	64198
2003 GL ₅₆	2009 11 17.6	03 31.90 +14 11.4 20.0	-0.54 - 1.6	0.9/16.7	64203

2001 RB ₁₅₀	2009 11 17.6	03 31.91 +14 31.8 20.0	-1.06	- 2.4	1.7/16.9	64163	2005 WP ₁₇₇	2009 11 17.8	03 32.58 +14 45.0 20.7	-0.96	- 1.6	1.5/17.1	64277
2007 HE ₈₇	2009 11 17.6	03 31.93 +13 37.9 20.3	-0.81	- 5.3	1.7/16.5	64322	2000 HV ₆	2009 11 17.8	03 32.58 +19 44.1 20.2	-1.09	- 2.9	9.3/29.0	64153
2004 RJ ₃₅₅	2009 11 17.6	03 31.95 +25 38.1 20.8	-1.02	- 2.8	2.3/18.9	64228	2005 SA ₁₂₇	2009 11 17.8	03 32.59 +21 27.3 20.4	-1.11	- 3.1	0.9/18.3	22795
2005 QM ₁₅	2009 11 17.6	03 31.95 +23 37.2 19.7	-1.09	- 4.3	2.0/18.6	18115	2001 RB ₁₄₅	2009 11 17.8	03 32.59 +25 07.1 19.0	-1.17	+ 0.5	2.7/18.7	64163
2003 AO ₃₃	2009 11 17.6	03 31.96 +21 10.6 19.2	-1.08	- 3.1	0.9/18.0	19588	2005 SE ₂₀₀	2009 11 17.8	03 32.60 +23 27.9 19.2	-1.04	- 0.6	2.2/18.6	64256
2008 RZ ₇₄	2009 11 17.6	03 31.97 +40 29.0 21.1	-1.03	- 1.5	5.9/22.0	46678	2005 SY ₄₅	2009 11 17.8	03 32.62 +20 05.5 21.2	-1.08	- 4.3	9.2/08.0	64253
2004 FL ₂₇	2009 11 17.6	03 32.00 +19 15.4 20.5	-0.72	- 2.8	0.0/17.7	64217	2000 UV ₁	2009 11 17.8	03 32.64 +31 22.7 19.0	-1.22	+ 2.8	4.9/19.4	59380
2001 YM ₆₇	2009 11 17.6	03 32.01 +19 12.8 18.6	-1.05	- 1.4	10.0/29.0	64176	2000 SX ₉₄	2009 11 17.8	03 32.66 +23 50.9 18.6	-0.92	- 6.4	2.1/18.9	64155
2004 SF ₁₀	2009 11 17.6	03 32.03 +33 27.4 20.2	-1.18	- 1.5	4.6/20.3	64228	2005 XC ₂₃	2009 11 17.8	03 32.66 +20 10.6 19.0	-0.99	- 4.6	0.4/18.1	64279
2005 UN ₂₆₃	2009 11 17.6	03 32.07 +15 48.4 21.0	-1.03	- 3.3	1.2/17.1	20422	2006 AX ₉₂	2009 11 17.8	03 32.71 +30 23.8 20.4	-1.02	- 3.8	4.5/20.2	96968
2004 TO ₃₀₉	2009 11 17.7	03 32.02 +25 37.5 20.3	-1.01	- 1.7	2.3/18.9	64234	2003 SW ₃₈	2009 11 17.8	03 32.72 +31 22.1 19.1	-0.93	- 4.8	4.2/20.6	64207
2004 TW ₈₅	2009 11 17.7	03 32.02 +14 26.2 20.3	-0.90	- 4.2	1.6/16.8	32987	2008 KK ₄₁	2009 11 17.8	03 32.73 +12 53.8 21.4	-1.11	- 3.8	2.5/16.7	43302
2003 RF ₇	2009 11 17.7	03 32.04 +02 25.4 19.6	-0.76	- 7.1	4.9/13.6	64206	2002 PW ₁₇₆	2009 11 17.8	03 32.73 +39 28.6 21.9	-0.97	- 3.2	5.1/22.3	00320
2003 HA ₃₁	2009 11 17.7	03 32.04 +19 58.6 21.4	-0.98	- 2.5	0.3/17.9	19599	2005 YB ₁₅₉	2009 11 17.8	03 32.75 +09 50.9 19.8	-0.91	- 2.7	3.1/16.1	64284
2004 VP ₁₀₇	2009 11 17.7	03 32.07 +20 26.4 21.5	-0.93	- 2.4	0.5/18.0	00857	2002 TT ₆₀	2009 11 17.8	03 32.76 -23 25.5 18.6	-0.68	-10.5	21.1/31.6	63640
2004 SE ₃	2009 11 17.7	03 32.07 +17 29.0 19.6	-0.91	- 4.7	0.6/17.4	64228	2007 DS ₉₆	2009 11 17.8	03 32.76 +18 08.7 21.0	-1.03	- 3.9	0.3/17.7	59789
1998 UZ ₅	2009 11 17.7	03 32.07 +01 12.9 19.6	-0.79	- 8.4	5.7/13.2	19513	2005 QS ₈₁	2009 11 17.8	03 32.79 +20 07.6 20.2	-1.13	- 3.1	10.3/08.0	62427
2005 WP ₂₀₄	2009 11 17.7	03 32.08 +04 19.5 19.8	-0.91	- 1.5	5.4/15.0	64278	2008 RV ₉₅	2009 11 17.8	03 32.82 +17 17.7 20.9	-0.81	- 3.7	0.5/17.5	64336
2006 BG ₂₅₇	2009 11 17.7	03 32.14 +17 12.3 19.9	-0.89	- 2.3	0.7/17.4	64291	2006 WL ₁₈₄	2009 11 17.8	03 32.92 +10 05.5 19.2	-1.07	- 1.2	3.7/16.4	64300
2005 TZ ₁₃₈	2009 11 17.7	03 32.16 +19 58.5 20.2	-1.12	- 1.9	9.9/08.0	64259	2001 SP ₂₆₄	2009 11 17.8	03 32.97 +43 18.4 19.5	-2.20	+ 8.3	11.9/19.8	10802
2006 AN ₆₃	2009 11 17.7	03 32.17 +12 43.0 20.0	-0.93	- 2.4	2.2/16.6	22807	2004 PC ₁₀	2009 11 17.9	03 32.83 +12 41.0 20.8	-0.95	- 3.2	2.1/16.7	64221
2000 GQ ₄₈	2009 11 17.7	03 32.17 +20 42.6 20.2	-1.09	- 3.2	0.6/18.0	64153	2005 UJ ₂₅₅	2009 11 17.9	03 32.84 +15 52.8 20.7	-1.04	- 3.7	1.2/17.3	64267
2003 FM ₃₈	2009 11 17.7	03 32.21 +03 14.6 21.6	-0.87	- 5.9	4.9/14.2	69470	2002 RQ ₁₇	2009 11 17.9	03 32.87 +25 20.8 18.5	-1.12	- 3.2	3.1/19.1	64190
2003 NY ₁₁	2009 11 17.7	03 32.25 +33 42.3 19.5	-0.95	- 6.5	5.4/21.4	64204	2004 RP ₁₂₂	2009 11 17.9	03 32.88 +30 41.3 19.3	-1.13	- 1.6	4.3/19.9	19625
2004 GV ₂₅	2009 11 17.7	03 32.26 +18 51.5 20.4	-1.14	- 3.8	10.1/29.0	41805	2004 QH ₂	2009 11 17.9	03 32.89 +28 25.1 19.3	-1.14	+ 1.6	4.1/19.3	70391
2007 BL ₇₀	2009 11 17.7	03 32.27 +28 56.0 20.2	-1.10	- 0.6	3.3/19.4	22872	2008 SM ₅₅	2009 11 17.9	03 32.91 +08 08.9 20.6	-0.52	- 3.1	2.0/15.5	64337
2007 QK ₅	2009 11 17.7	03 32.27 +42 50.5 19.3	-0.74	- 0.8	4.5/22.8	64323	2007 EL ₄₃	2009 11 17.9	03 32.92 +18 25.9 21.1	-0.90	- 3.4	0.2/17.8	47422
2005 SG ₂₅₆	2009 11 17.7	03 32.31 +22 38.0 19.3	-1.00	- 4.3	1.7/18.5	64257	2007 EP ₁₅₀	2009 11 17.9	03 32.95 +11 04.5 19.8	-0.97	- 2.7	3.3/16.5	64315
2008 JL ₃₅	2009 11 17.7	03 32.31 +30 13.1 19.7	-1.17	-11.2	3.8/20.6	40772	1997 SW ₁₃	2009 11 17.9	03 32.98 +15 22.4 20.3	-0.79	- 5.7	1.2/17.1	63599
2005 YV ₁₉₂	2009 11 17.7	03 32.31 +17 00.0 19.7	-0.93	- 2.8	0.8/17.4	64284	2002 AA ₈₅	2009 11 17.9	03 32.99 +20 41.4 19.0	-0.97	- 5.9	0.6/18.3	43143
2003 SZ ₁₂	2009 11 17.7	03 32.31 +32 18.5 20.0	-1.00	- 1.6	4.3/20.2	64207	2005 QK ₉₆	2009 11 17.9	03 32.99 +28 16.5 19.9	-1.23	- 2.6	3.8/19.6	64249
2005 SO ₄₉	2009 11 17.7	03 32.32 +22 50.1 20.4	-1.10	- 1.8	1.6/18.4	64253	2007 JT ₂₆	2009 11 17.9	03 33.00 +07 40.0 20.5	-0.85	- 0.8	3.5/16.0	21234
2000 DE ₁₀	2009 11 17.7	03 32.32 +06 02.6 20.4	-1.00	- 3.5	4.9/15.3	17907	2005 TJ ₅₃	2009 11 17.9	03 33.03 +23 08.9 19.8	-1.00	- 2.8	1.9/18.7	62440
2005 YN ₁₁₅	2009 11 17.7	03 32.33 +10 18.2 20.3	-0.85	- 1.5	2.5/16.2	64283	2005 XY ₁₄	2009 11 17.9	03 33.06 +20 43.7 19.4	-0.96	- 7.4	0.6/18.3	41835
2003 SU ₃₁₀	2009 11 17.7	03 32.33 +40 52.3 18.7	-1.17	+ 2.0	8.5/21.0	62377	2002 RH ₆₂	2009 11 17.9	03 33.12 +30 42.8 18.0	-1.39	+ 2.5	5.5/19.5	64190
2004 RG ₁₄₇	2009 11 17.7	03 32.35 +14 00.9 19.9	-0.91	- 3.4	2.0/16.8	64225	2005 YV ₁₆₁	2009 11 17.9	03 33.13 +09 01.5 20.8	-0.90	- 3.0	3.6/16.0	64284
2003 SA ₂₈₄	2009 11 17.7	03 32.35 +08 26.1 19.2	-0.79	- 8.1	3.6/15.1	59710	2008 FG ₅₆	2009 11 17.9	03 33.14 +18 00.8 21.3	-1.11	- 4.0	9.4/08.0	39023
2000 DR ₂₅	2009 11 17.7	03 32.40 -01 47.1 20.8	-0.77	- 3.2	5.5/13.2	60728	2004 QZ ₉	2009 11 17.9	03 33.17 -08 30.0 19.1	-0.87	- 0.1	11.2/13.2	64222
2000 YG ₁₂₂	2009 11 17.7	03 32.43 +06 26.9 18.8	-1.01	+ 5.0	6.0/16.4	93906	2003 SH ₁₆₉	2009 11 17.9	03 33.20 +09 32.8 19.5	-0.83	- 2.4	3.2/16.2	64208
2006 HP ₅₄	2009 11 17.7	03 32.46 +12 50.4 20.1	-0.79	- 5.7	1.9/16.4	64296	2006 DF ₁₃₁	2009 11 17.9	03 33.21 +28 11.6 19.9	-1.00	- 0.4	3.1/19.5	64294
2007 DR ₁₀₉	2009 11 17.7	03 32.46 +16 57.5 20.9	-0.93	- 3.7	0.7/17.4	63819	2008 TZ ₅₀	2009 11 17.9	03 33.21 +18 43.7 19.8	-0.55	- 1.7	0.1/17.9	64338
2005 WW ₁₂₁	2009 11 17.8	03 32.41 +19 07.8 18.1	-0.92	- 7.6	10.6/29.0	64276	2000 QS ₁₀₇	2009 11 17.9	03 33.28 +23 01.1 20.5	-1.03	- 2.5	1.2/18.7	40088
2002 CU ₁₇₀	2009 11 17.8	03 32.42 -02 51.5 20.1	-0.87	- 2.9	6.9/13.3	43147	2004 LE ₃₁	2009 11 17.9	03 33.28 +05 14.2 20.6	-0.94	- 6.7	4.7/14.9	64220
2002 PW ₁₅₈	2009 11 17.8	03 32.45 +36 07.9 21.8	-0.92	- 3.0	4.1/21.4	94813	2003 JT ₇	2009 11 17.9	03 33.30 +15 38.4 21.1	-1.02	- 1.4	1.1/17.4	20780
2006 FM ₉	2009 11 17.8	03 32.47 +50 54.8 21.1	-1.18	- 2.7	7.8/24.7	18176	2005 SX ₁₄₀	2009 11 17.9	03 33.31 +18 31.3 20.8	-1.10	- 2.8	9.3/08.0	64255
2002 CD ₁₅₆	2009 11 17.8	03 32.48 +31 35.2 20.4	-1.07	- 1.8	3.9/20.1	43147	2006 BZ ₂₃₈	2009 11 17.9	03 33.31 +19 35.2 20.4	-0.91	- 4.3	8.1/08.0	64291
2003 GY ₂₂	2009 11 17.8	03 32.51 +24 46.9 20.7	-1.00	- 1.8	1.7/18.8	41789	2005 CT ₇	2009 11 17.9	03 33.34 +45 16.9 18.6	-1.36	-16.1	13.1/26.6	40692
2002 CB ₇₅	2009 11 17.8	03 32.52 +35 27.0 20.2	-1.07	- 3.2	5.1/21.1	54074	2004 JC ₇	2009 11 18.0	03 33.24 -09 54.7 19.3	-0.94	-11.4	10.9/10.2	64219
2009 UY ₄₆	2009 11 17.8	03 32.54 +19 39.8 20.0	-0.91	- 1.9	7.3/08.0	64076	2000 DG ₃₀	2009 11 18.0	03 33.25 +02 10.3 19.3	-0.80	- 3.7	5.4/14.3	62303
2008 JQ ₂₇	2009 11 17.8	03 32.55 +10 15.3 21.4	-1.02	- 4.8	3.3/16.1	41675	2000 DO ₃₆	2009 11 18.0	03 33.27 +22 32.1 20.6	-1.13	- 3.4	1.3/18.6	47142
2003 UG ₁₂₄	2009 11 17.8	03 32.56 +16 33.2 20.0	-0.88	- 1.5	0.8/17.4	64212	2006 BD ₂₀₄	2009 11 18.0	03 33.30 +22 44.1 20.9	-0.88	- 2.6	1.0/18.7	47384

2005 YW ₁₂₉	2009 11 18.0	03 33.34 +09 39.6 19.6	-1.00 + 0.4	3.7/16.6	19680
2008 PN ₁₇	2009 11 18.0	03 33.36 +40 27.5 20.0	-0.99 - 3.9	5.7/23.0	47451
2009 SQ ₃₃₁	2009 11 18.0	03 33.43 +03 55.7 18.3	-0.75 -10.9	7.0/13.7	64047
2001 TT ₁₈	2009 11 18.0	03 33.45 +55 32.7 20.2	-2.33 + 7.7	18.8/21.8	57960
2004 SF ₄₀	2009 11 18.0	03 33.48 +24 10.9 18.9	-1.01 - 0.9	1.9/18.9	64228
2002 GC ₈₉	2009 11 18.0	03 33.50 +00 39.7 19.4	-0.90 + 1.2	5.9/15.4	64184
2004 XE ₁₇₇	2009 11 18.0	03 33.55 +31 32.8 20.1	-0.91 - 3.6	3.8/20.6	56000
2008 GA ₇₀	2009 11 18.0	03 33.55 +05 50.2 20.3	-0.97 - 2.6	4.9/15.7	64330
2000 BZ ₂₃	2009 11 18.0	03 33.56 +00 56.2 19.5	-0.94 + 2.0	6.2/15.4	01993
2004 TQ ₃₂₉	2009 11 18.0	03 33.57 +16 52.9 20.4	-0.95 - 3.4	0.8/17.6	43220
2007 FQ ₄₄	2009 11 18.0	03 33.57 +22 25.9 20.5	-0.93 - 2.6	1.1/18.7	31527
2008 HL ₃₆	2009 11 18.0	03 33.60 +09 26.2 20.0	-1.13 - 0.7	4.2/16.6	64332
2009 UY ₃₈	2009 11 18.0	03 33.62 +15 59.9 20.2	-0.85 - 2.5	1.0/17.5	64075
2004 JW ₁₄	2009 11 18.0	03 33.62 +12 44.3 20.0	-1.09 - 1.4	2.4/17.0	64219
2007 GS ₄₃	2009 11 18.0	03 33.62 +14 16.7 20.3	-0.90 - 4.7	1.7/17.1	64319
2006 FK ₁₃	2009 11 18.0	03 33.62 +08 12.4 20.5	-0.82 - 4.8	3.4/15.7	47401
2002 CA ₄₀	2009 11 18.0	03 33.69 -14 52.4 19.9	-0.83 - 4.5	9.8/09.8	59676
2001 WO ₂₇	2009 11 18.0	03 33.74 +10 49.3 18.8	-0.95 - 2.2	3.8/16.6	64171
2005 RQ ₁₄	2009 11 18.1	03 33.65 +17 19.7 19.4	-0.97 - 3.9	0.9/17.7	64251
2004 RA ₃₄₂	2009 11 18.1	03 33.68 +07 38.0 19.9	-0.90 - 2.8	4.2/15.9	64228
2001 RU ₁₂₇	2009 11 18.1	03 33.71 +13 36.0 19.7	-1.01 - 2.5	2.5/17.1	39151
2008 TP ₁₀₈	2009 11 18.1	03 33.73 +10 00.5 20.5	-0.55 - 2.0	1.8/16.2	50431
2005 QR ₁₀	2009 11 18.1	03 33.75 +33 50.4 18.9	-1.22 - 2.9	6.8/21.1	64246
2006 BL ₂₀₈	2009 11 18.1	03 33.77 +17 21.4 20.4	-0.84 - 3.7	0.5/17.8	64291
2001 CT ₃₆	2009 11 18.1	03 33.77 -02 53.2 20.8	-0.79 - 2.7	6.2/13.7	43118
2007 CU ₁₇	2009 11 18.1	03 33.79 +21 01.7 21.2	-1.08 - 2.8	0.6/18.5	16055
2008 TW ₁₇₄	2009 11 18.1	03 33.80 +21 40.7 20.2	-0.57 - 1.2	0.5/18.6	58930
2004 HQ ₂₈	2009 11 18.1	03 33.82 +14 58.0 19.6	-1.11 - 1.5	1.7/17.4	64219
2005 QK ₁₆₅	2009 11 18.1	03 33.84 +18 33.7 19.7	-1.14 - 0.7	0.3/18.0	64250
2008 TO ₉₂	2009 11 18.1	03 33.86 +03 44.6 19.9	-0.52 - 3.2	3.0/14.7	58620
2005 UV ₁₇₆	2009 11 18.1	03 33.88 +20 46.0 19.7	-1.01 - 3.8	0.7/18.4	64265
2008 KF ₄₃	2009 11 18.1	03 33.89 +32 06.7 21.1	-1.02 - 5.5	4.0/21.0	58608
2006 DS ₂₁₄	2009 11 18.1	03 33.90 +37 50.9 20.7	-1.00 - 1.7	5.2/21.8	47398
2004 GT ₂₇	2009 11 18.1	03 33.92 -00 20.1 20.9	-0.95 - 3.4	6.4/14.4	40123
2000 EQ ₁₁₆	2009 11 18.1	03 33.92 -06 11.5 19.2	-0.76 - 3.8	8.0/12.4	64153
2005 XC ₂₂	2009 11 18.1	03 33.93 +26 29.1 18.5	-1.10 - 4.2	3.0/19.6	64279
2005 SQ ₈₇	2009 11 18.1	03 33.94 +15 31.4 21.3	-1.06 - 4.0	1.4/17.5	21831
2007 EU ₁₁₄	2009 11 18.1	03 34.02 +20 40.4 20.4	-0.99 - 1.3	0.5/18.4	64314
2008 FY ₆₀	2009 11 18.1	03 34.03 +19 25.9 20.0	-1.22 - 0.3	0.1/18.2	63847
2007 RL ₁₆₄	2009 11 18.1	03 34.03 +20 33.5 20.0	-0.55 - 2.3	0.2/18.5	64323
2008 FR ₁₂₉	2009 11 18.1	03 34.05 +20 36.7 19.8	-1.14 - 2.9	0.6/18.4	64329
2007 BU ₇₅	2009 11 18.1	03 34.07 +20 45.8 20.1	-1.07 - 3.2	0.8/18.5	64305
2004 XN ₁₄₉	2009 11 18.1	03 34.11 +19 28.8 19.7	-0.88 - 2.3	0.1/18.2	64239
2004 DU ₁₂	2009 11 18.1	03 34.11 +04 55.4 19.5	-1.02 - 3.8	5.3/15.4	64215
2001 XF ₁₄₉	2009 11 18.1	03 34.12 +18 42.6 18.8	-0.95 - 5.6	0.2/18.1	64174
2007 CU ₃₈	2009 11 18.1	03 34.15 +21 34.1 21.4	-1.06 - 4.0	0.8/18.6	18197
2005 YV ₆₁	2009 11 18.1	03 34.15 +27 05.6 20.0	-0.99 - 4.0	2.8/19.8	64282
2005 YX ₁₃₁	2009 11 18.2	03 34.09 +13 52.1 20.4	-0.91 - 2.7	1.9/17.2	20832
2005 XW ₁₉	2009 11 18.2	03 34.09 +20 13.9 20.1	-1.04 - 1.7	0.4/18.4	64278
2009 SC ₂₃₄	2009 11 18.2	03 34.10 +17 03.2 18.3	-0.90 - 7.8	1.1/17.7	64022
2002 QP ₇₁	2009 11 18.2	03 34.14 +22 05.8 20.0	-1.12 - 3.4	1.4/18.7	64189

2001 XT ₁₀₅	2009 11 18.2	03 34.19 +27 40.1 18.4	-1.03 - 3.8	3.9/19.9	64174
2005 SW ₁₁₇	2009 11 18.2	03 34.20 +15 21.6 19.0	-1.12 - 0.1	1.6/17.7	64254
2007 GM ₃₈	2009 11 18.2	03 34.23 +07 40.0 19.8	-0.83 - 6.1	4.1/15.6	64319
2005 UY ₂₄₁	2009 11 18.2	03 34.24 +24 42.5 20.7	-1.06 - 4.0	1.9/19.3	64267
2004 XC ₅₉	2009 11 18.2	03 34.25 -05 54.5 18.7	-0.95 + 4.1	8.6/15.4	64237
2002 CF ₁₅₇	2009 11 18.2	03 34.29 -00 08.3 20.2	-0.91 - 1.7	6.3/14.7	35807
2006 BL ₄₇	2009 11 18.2	03 34.29 +05 52.9 18.8	-1.00 + 0.9	5.2/16.3	64288
2002 TS ₁₁₁	2009 11 18.2	03 34.29 +26 52.4 19.2	-1.28 - 0.7	3.5/19.4	63640
2003 SD ₁₄₀	2009 11 18.2	03 34.30 +10 29.6 19.4	-0.83 - 2.1	3.1/16.6	64208
2007 CB ₁₂	2009 11 18.2	03 34.30 +12 53.0 20.8	-1.07 - 3.0	2.4/17.1	59787
2005 XQ ₈₃	2009 11 18.2	03 34.31 +13 31.1 19.6	-1.01 - 0.3	2.0/17.4	64280
2008 DF ₆₆	2009 11 18.2	03 34.31 +58 16.1 20.3	-2.29 + 3.4	18.7/24.4	40527
2000 SO ₄₂	2009 11 18.2	03 34.36 +04 48.2 21.0	-0.97 - 4.0	4.5/15.6	60731
2003 SS ₂₃₀	2009 11 18.2	03 34.36 +02 42.3 19.5	-0.80 - 3.5	5.5/14.9	58455
2002 CA ₉₂	2009 11 18.2	03 34.38 +30 52.5 19.2	-1.08 - 2.1	4.5/20.4	69199
2002 GJ ₁₀₃	2009 11 18.2	03 34.39 +44 27.9 18.7	-1.44 + 1.7	8.1/23.0	64185
2007 DC ₁₈	2009 11 18.2	03 34.41 +27 31.0 21.2	-1.18 - 3.1	3.5/19.7	18202
2007 JQ ₃₃	2009 11 18.2	03 34.44 +06 53.5 19.7	-0.85 - 0.9	3.9/16.2	64322
2008 HT ₂₁	2009 11 18.2	03 34.46 +03 03.9 19.8	-1.04 + 1.3	5.8/16.2	40766
2007 EQ ₁₁₅	2009 11 18.2	03 34.46 +10 37.7 20.0	-0.85 - 2.7	2.9/16.7	60521
2004 XB ₂₃	2009 11 18.2	03 34.49 +09 49.7 18.7	-0.90 0.0	3.2/16.8	64237
2003 SX ₁₁₁	2009 11 18.2	03 34.50 +32 31.0 19.7	-1.04 - 0.3	4.7/20.5	02166
2002 SF ₆₆	2009 11 18.2	03 34.51 +11 04.1 19.9	-1.12 - 1.5	3.6/17.0	64192
1996 TD ₁	2009 11 18.2	03 34.51 -08 33.2 20.4	-1.02 - 7.7	10.7/12.5	66058
2007 DX ₃₈	2009 11 18.2	03 34.52 +16 07.9 21.3	-1.06 - 3.2	1.2/17.7	64308
2002 TD ₁₄₉	2009 11 18.2	03 34.52 +22 46.4 20.3	-1.14 - 5.0	1.4/19.0	22719
2004 EA ₂₅	2009 11 18.2	03 34.54 +26 59.5 20.4	-1.18 - 2.2	2.7/19.6	11038
2007 JT ₃₉	2009 11 18.2	03 34.56 +28 01.9 19.9	-1.06 - 2.4	2.8/19.9	64322
2001 JX ₁	2009 11 18.2	03 34.56 +10 13.2 21.5	-1.05 - 3.3	3.2/16.7	58408
2006 ED ₄₃	2009 11 18.3	03 34.50 -07 30.3 20.0	-0.78 - 2.5	7.9/12.6	43265
2004 BM ₁₁₃	2009 11 18.3	03 34.51 -15 45.8 21.6	-0.99 - 3.9	11.6/10.3	41138
2002 VQ ₁₀₆	2009 11 18.3	03 34.52 +21 22.4 18.6	-1.08 - 6.7	0.9/18.8	14684
2005 TZ ₁₂₉	2009 11 18.3	03 34.53 +26 59.9 21.0	-1.20 - 0.9	2.7/19.6	40695
2006 DQ ₄₆	2009 11 18.3	03 34.54 -02 25.5 20.1	-0.77 - 5.0	6.3/13.3	47392
2006 BA ₈₀	2009 11 18.3	03 34.54 +23 43.0 20.3	-0.95 - 1.4	1.5/19.1	11155
2008 KU ₅	2009 11 18.3	03 34.54 +11 26.3 21.5	-1.03 - 4.1	2.8/16.8	40621
2007 LF ₁₅	2009 11 18.3	03 34.54 +29 13.1 21.1	-0.96 - 5.3	2.7/20.5	58567
2005 SK ₂₈₆	2009 11 18.3	03 34.55 +15 47.5 21.1	-0.99 - 2.0	1.7/17.7	24474
2000 QS ₁₂₈	2009 11 18.3	03 34.56 +06 26.2 19.3	-0.94 - 5.6	4.6/15.7	64154
2007 FP ₄	2009 11 18.3	03 34.61 +18 21.2 20.0	-0.96 - 4.0	0.3/18.2	64317
2008 SW ₂₇₅	2009 11 18.3	03 34.61 +12 46.5 20.9	-0.53 - 1.8	1.2/17.0	58166
2000 GT ₃₅	2009 11 18.3	03 34.62 +20 34.1 20.8	-1.07 - 3.7	0.5/18.6	19522
2008 MF	2009 11 18.3	03 34.63 +08 13.1 20.7	-1.05 - 2.5	4.1/16.4	64335
2000 CG ₁₀₆	2009 11 18.3	03 34.65 +28 39.8 20.4	-0.61 - 2.2	1.9/20.3	45850
2003 UN ₃₀₃	2009 11 18.3	03 34.66 +32 48.9 20.5	-0.96 - 1.6	4.1/20.9	64212
2003 JR ₆	2009 11 18.3	03 34.67 +15 17.7 20.0	-0.96 - 0.9	1.2/17.7	64204
2006 BC ₁₅₇	2009 11 18.3	03 34.71 -05 01.3 19.8	-0.79 - 2.3	7.6/13.5	60859
2002 RZ ₂₂₃	2009 11 18.3	03 34.71 +07 41.0 20.2	-1.17 + 0.1	5.3/16.8	64191
2007 FS ₃₉	2009 11 18.3	03 34.75 +02 50.7 20.8	-0.84 - 3.4	4.9/15.1	59793
2005 VO ₁₂₅	2009 11 18.3	03 34.78 +06 20.9 20.8	-0.96 - 0.4	3.9/16.3	64273
2007 AS	2009 11 18.3	03 34.80 +50 00.3 20.1	-1.45 - 7.8	10.8/26.7	26239

2005 XO	2009 11 18.3	03 34.83 +19 57.0 19.7	-1.00	- 3.3	0.3/18.5	64278
2003 SN ₂₉₂	2009 11 18.3	03 34.84 +10 04.1 19.5	-0.79	- 8.2	2.7/16.1	64210
2004 TC ₂₁₁	2009 11 18.3	03 34.86 +21 11.3 20.5	-0.96	- 2.3	0.7/18.7	20808
2009 UO ₇₁	2009 11 18.3	03 34.94 +26 49.4 18.9	-1.19	+ 0.8	3.6/19.5	64076
2009 TQ ₃₅	2009 11 18.3	03 34.97 +13 24.7 19.1	-0.82	- 7.7	2.1/17.0	64067
2004 XS ₄₀	2009 11 18.3	03 34.97 +15 41.5 18.2	-1.01	+ 1.7	1.3/17.9	64237
2003 UT ₂₂₀	2009 11 18.3	03 34.97 +16 51.7 20.0	-0.81	- 5.3	0.7/17.9	63670
2009 UW ₁₇	2009 11 18.3	03 34.99 +07 13.3 19.4	-0.96	- 2.8	4.9/16.1	64072
2003 UB ₂₁₄	2009 11 18.4	03 34.93 +24 07.4 20.8	-0.91	- 1.6	1.7/19.3	58028
2006 BC ₁₂₇	2009 11 18.4	03 34.94 +11 28.5 21.0	-0.80	- 3.1	2.3/16.9	53470
2004 FP ₇₈	2009 11 18.4	03 35.05 +24 42.2 20.6	-1.14	- 2.9	2.0/19.4	64217
2008 SE ₉₆	2009 11 18.4	03 35.05 +18 13.4 20.6	-0.53	- 2.5	0.2/18.2	64337
2007 ED ₂₁₉	2009 11 18.4	03 35.06 +21 53.3 20.2	-1.10	- 2.7	1.0/18.9	64316
2005 YD ₁₄₅	2009 11 18.4	03 35.07 +38 34.3 19.9	-1.09	- 4.6	7.0/22.6	98058
2008 PG ₈	2009 11 18.4	03 35.11 +34 30.7 20.3	-1.06	- 4.1	4.7/21.6	43305
2004 HV ₅₇	2009 11 18.4	03 35.13 +22 39.5 20.5	-1.14	- 1.0	1.3/19.0	64219
2007 ET ₈	2009 11 18.4	03 35.14 +16 49.5 19.6	-1.02	- 3.9	1.1/18.0	64311
2007 DF ₃₇	2009 11 18.4	03 35.15 +17 02.7 21.0	-1.03	- 3.8	0.8/18.0	22877
2004 ED ₉₀	2009 11 18.4	03 35.20 +07 55.5 20.0	-1.04	- 4.4	5.1/16.2	64217
2004 HR ₅	2009 11 18.4	03 35.22 +23 36.5 20.8	-1.12	- 4.6	1.6/19.3	41806
2005 SL ₁₄₀	2009 11 18.4	03 35.24 +17 35.6 20.4	-1.08	- 2.8	0.6/18.2	60836
2003 SK ₂₃	2009 11 18.4	03 35.26 +44 10.3 19.4	-1.12	- 2.2	8.0/23.8	47256
2006 DF ₄₂	2009 11 18.4	03 35.29 +10 52.3 20.2	-0.90	- 2.9	3.1/16.9	64293
2002 CH ₂₂₅	2009 11 18.5	03 35.34 +08 31.6 19.9	-0.89	- 3.2	3.8/16.4	64181
2005 TJ ₂₉	2009 11 18.5	03 35.34 +14 43.3 21.0	-1.04	- 5.1	1.7/17.6	40145
2006 DT ₇₅	2009 11 18.5	03 35.34 +15 34.1 19.9	-0.89	- 2.6	1.3/17.8	64293
2007 DA ₁₀₉	2009 11 18.5	03 35.35 +02 46.4 20.9	-0.77	- 4.2	4.7/15.1	49017
2007 LP ₈	2009 11 18.5	03 35.39 +12 59.6 20.5	-0.87	- 5.5	2.1/17.2	60893
2003 AD ₃₀	2009 11 18.5	03 35.39 +14 51.5 19.9	-1.07	- 3.0	1.9/17.7	64199
2006 BX ₂₈₁	2009 11 18.5	03 35.40 +04 51.9 21.2	-0.77	- 3.0	4.1/15.6	64292
2004 JE ₂₀	2009 11 18.5	03 35.40 +22 42.9 20.3	-1.09	- 2.5	1.2/19.1	62392
2005 SJ ₁₂₅	2009 11 18.5	03 35.42 +17 17.4 19.5	-0.96	- 3.8	1.0/18.1	64255
2007 JO ₁₇	2009 11 18.5	03 35.43 +16 33.4 20.7	-0.86	- 4.9	0.9/17.9	64322
2006 HC ₁₉	2009 11 18.5	03 35.50 +16 47.1 20.5	-0.84	- 1.6	0.7/18.1	01631
2006 XB ₇₁	2009 11 18.5	03 35.55 +08 27.5 19.7	-1.06	+ 0.3	5.5/16.9	40172
2000 YJ ₂	2009 11 18.5	03 35.59 +22 12.9 19.7	-0.95	- 5.5	1.0/19.2	47159
2007 FD ₃₈	2009 11 18.5	03 35.59 +13 55.5 20.4	-0.94	- 3.6	1.7/17.5	64317
2007 GJ ₅₆	2009 11 18.5	03 35.64 +15 02.5 21.0	-0.98	- 1.2	1.5/17.9	21681
2005 SR ₁₆₂	2009 11 18.5	03 35.64 +23 55.4 18.9	-1.18	+ 0.2	2.1/19.2	64255
2007 EN ₁₇₁	2009 11 18.5	03 35.64 +29 52.0 19.2	-1.14	+ 0.7	4.0/20.1	60891
2007 BK ₂₁	2009 11 18.5	03 35.66 +21 06.3 19.4	-1.13	- 2.2	0.9/18.9	64303
2007 DQ ₉₃	2009 11 18.5	03 35.69 +18 47.2 20.0	-1.12	- 2.2	0.2/18.5	64310
2005 QT ₅₀	2009 11 18.5	03 35.71 +07 09.1 21.3	-1.05	- 3.1	4.4/16.5	58506
2003 SD ₁₈₄	2009 11 18.5	03 35.75 +22 20.5 19.8	-0.89	- 2.4	0.9/19.2	62376
2004 PC ₇₀	2009 11 18.5	03 35.83 +32 35.9 20.1	-1.09	- 4.3	4.4/21.4	40382
2002 RL ₇₇	2009 11 18.6	03 35.73 +27 02.9 20.5	-1.22	- 4.5	3.7/20.1	50643
2005 YE ₂₀₄	2009 11 18.6	03 35.74 +12 33.9 20.8	-0.94	- 2.6	2.5/17.4	98067
2002 TC ₂₄	2009 11 18.6	03 35.74 +10 15.2 18.9	-0.97	- 6.2	4.3/16.7	64193
2005 QX ₇₄	2009 11 18.6	03 35.77 +22 37.1 19.5	-1.09	- 9.5	1.3/19.4	64248
2006 DO ₉₈	2009 11 18.6	03 35.80 +33 30.9 20.3	-0.97	- 2.7	4.4/21.5	47394
2006 BE ₂₇₆	2009 11 18.6	03 35.80 +15 57.0 20.5	-0.86	- 3.2	1.1/18.0	47386

2007 EE ₁₄₃	2009 11 18.6	03 35.81 +22 09.5 20.4	-1.01	- 4.5	1.1/19.2	19430
2006 BP ₁₇₈	2009 11 18.6	03 35.82 +14 50.5 20.6	-0.89	- 2.6	1.5/17.8	64290
2006 BH ₈	2009 11 18.6	03 35.83 +01 30.5 22.0	-0.77	- 2.8	4.5/15.0	98091
2004 RJ ₃₃₇	2009 11 18.6	03 35.87 +15 57.9 20.2	-0.89	- 4.5	1.1/17.9	64228
2008 SR ₂₇₅	2009 11 18.6	03 35.88 +20 11.3 19.9	-0.57	- 2.9	0.2/18.8	64338
2001 MX ₇	2009 11 18.6	03 35.89 -33 07.2 19.3	-1.49	+15.1	28.3/21.8	48036
2005 SU ₁₈₉	2009 11 18.6	03 35.91 +17 41.0 20.8	-1.06	- 3.7	0.7/18.3	62436
2004 PU ₉₈	2009 11 18.6	03 35.98 +13 23.7 19.4	-0.99	- 1.4	2.1/17.7	64222
2005 QD ₃₆	2009 11 18.6	03 35.98 +15 03.5 19.7	-1.07	- 3.5	1.7/17.9	64247
2002 TW ₃₃₇	2009 11 18.6	03 35.99 +16 00.0 19.6	-1.10	- 1.4	1.6/18.1	64194
2007 DE ₄₈	2009 11 18.6	03 36.00 +32 35.0 20.2	-1.18	- 2.5	5.5/21.0	22877
2008 RU ₁₂₆	2009 11 18.6	03 36.00 -01 27.0 21.1	-0.53	- 4.4	4.1/13.7	58613
2004 HY ₂	2009 11 18.6	03 36.00 +17 52.7 20.9	-1.06	- 2.2	0.5/18.4	12879
2002 RY ₂₄₂	2009 11 18.6	03 36.03 +17 47.5 18.9	-1.03	- 5.5	0.8/18.3	64191
2003 AC ₂₇	2009 11 18.6	03 36.04 +14 47.2 18.6	-1.00	- 1.1	2.3/17.9	64199
2007 EV ₁₂₉	2009 11 18.6	03 36.04 +15 56.8 20.7	-1.08	- 4.3	1.4/18.0	21878
2003 TU ₅₄	2009 11 18.6	03 36.09 +17 42.0 20.6	-0.86	- 1.1	0.5/18.4	64211
2000 SZ ₉₈	2009 11 18.6	03 36.15 +22 18.4 19.3	-0.98	- 4.8	1.1/19.3	17919
2003 SZ ₂₈₁	2009 11 18.6	03 36.17 +33 09.6 19.0	-0.98	- 1.8	4.5/21.3	64210
2002 SM ₅₀	2009 11 18.6	03 36.18 +19 27.4 18.7	-1.21	+ 0.5	0.1/18.7	64192
2003 SK ₂₈₉	2009 11 18.6	03 36.18 +27 43.1 20.2	-0.97	- 0.4	2.6/20.1	64210
2008 FD ₅₁	2009 11 18.6	03 36.19 +18 42.5 21.5	-1.15	- 3.3	0.2/18.6	40556
2000 SP ₂₀₂	2009 11 18.6	03 36.21 +00 31.0 19.6	-0.84	- 6.6	7.7/14.3	64156
2005 SZ ₁₉₈	2009 11 18.7	03 36.15 +17 45.0 20.9	-1.07	- 4.1	0.6/18.4	64256
2007 EV ₉₁	2009 11 18.7	03 36.16 +20 31.1 20.8	-1.04	- 3.8	0.4/18.9	47423
2008 SQ ₃₁	2009 11 18.7	03 36.16 +25 06.9 20.1	-0.59	- 2.5	1.2/19.9	64337
2007 BF ₂₇	2009 11 18.7	03 36.20 +22 39.6 20.5	-1.15	- 3.8	1.3/19.3	19695
2003 SN ₂₈₄	2009 11 18.7	03 36.21 +33 00.2 19.1	-0.95	- 3.5	4.6/21.5	64210
2005 YU ₄₁	2009 11 18.7	03 36.21 +29 10.2 19.6	-1.00	- 4.1	3.6/20.7	59768
2005 WL ₂₇	2009 11 18.7	03 36.24 +21 52.5 19.5	-0.99	- 4.8	1.0/19.2	18156
2007 CT ₅₀	2009 11 18.7	03 36.26 +12 13.8 20.7	-1.05	- 3.4	2.6/17.4	64306
2008 KB ₁₃	2009 11 18.7	03 36.27 +16 03.3 20.1	-1.00	- 4.2	1.2/18.1	64334
2007 DF ₄₈	2009 11 18.7	03 36.39 +47 10.3 18.7	-1.39	- 1.6	10.5/24.7	59788
2001 WL ₄₆	2009 11 18.7	03 36.42 +19 49.1 19.2	-1.28	+ 5.3	0.2/18.8	64171
2007 BV ₇₇	2009 11 18.7	03 36.45 +27 56.2 20.5	-1.18	- 4.0	3.7/20.4	40175
2006 BO ₇₄	2009 11 18.7	03 36.46 +27 44.5 20.9	-0.92	- 2.3	2.4/20.4	47379
2003 SU ₄₃₂	2009 11 18.7	03 36.52 +32 49.0 20.0	-0.95	- 3.2	4.2/21.5	60348
2009 UG ₄₇	2009 11 18.7	03 36.57 +20 08.0 19.4	-1.04	- 0.7	0.4/18.9	64076
2008 RY ₅₀	2009 11 18.7	03 36.57 +22 02.5 19.9	-0.84	- 4.2	0.8/19.3	46666
2009 UW ₃₃	2009 11 18.7	03 36.58 +18 35.9 19.2	-1.03	- 0.7	0.4/18.7	64075
2005 WK ₁₀₁	2009 11 18.7	03 36.60 +18 31.4 19.9	-0.97	- 5.8	0.3/18.6	11151
2007 GU ₄₆	2009 11 18.7	03 36.64 +19 11.8 19.2	-1.15	+ 2.2	0.1/18.8	64319
2005 WM ₁₁₈	2009 11 18.7	03 36.65 +27 18.5 18.5	-1.06	- 3.6	3.3/20.3	64276
2006 DQ ₂₆	2009 11 18.8	03 36.67 +21 11.7 20.7	-0.87	- 2.6	0.5/19.2	56041
2006 DN ₇₈	2009 11 18.8	03 36.69 -04 17.0 19.9	-0.80	- 3.1	8.5/14.0	64293
2004 XX ₈₀	2009 11 18.8	03 36.72 +15 44.9 18.2	-0.90	- 0.3	1.5/18.2	63699
2003 US ₄	2009 11 18.8	03 36.73 +36 04.8 18.2	-0.97	-11.7	5.6/23.6	64211
2002 TH ₂	2009 11 18.8	03 36.76 +16 21.2 18.5	-1.06	- 6.1	1.4/18.2	63638
2004 SP ₂₇	2009 11 18.8	03 36.76 +00 54.4 20.4	-0.88	- 5.0	6.4/14.8	21584
2001 VK ₂₁	2009 11 18.8	03 36.76 +22 09.3 18.8	-1.08	- 0.2	1.2/19.3	64169
2005 WP ₁₈₈	2009 11 18.8	03 36.79 +33 35.1 19.3	-1.01	- 2.2	5.0/21.5	47363

2003 QL ₁₀	2009 11 18.8	03 36.83 +29 56.3 18.1	-0.91 - 9.6	3.5/21.6	63657
2005 YQ ₂₁₆	2009 11 18.8	03 36.83 +24 03.4 20.6	-1.01 - 3.3	1.8/19.7	09483
2009 SZ ₁₃₈	2009 11 18.8	03 36.84 +14 43.5 19.4	-0.89 - 6.4	1.8/17.8	63992
2003 ED ₂₉	2009 11 18.8	03 36.88 +11 23.5 19.9	-0.96 - 2.3	2.7/17.5	64201
2006 HP ₂₃	2009 11 18.8	03 36.90 +14 29.6 20.5	-0.82 - 2.8	1.5/17.9	64296
2007 GO ₁₇	2009 11 18.8	03 36.92 +23 09.0 20.0	-1.05 - 3.5	1.5/19.6	41870
2002 AV ₄₆	2009 11 18.8	03 36.93 +24 18.6 19.9	-1.03 - 4.2	1.8/19.8	94483
2002 CK ₂₄	2009 11 18.8	03 36.95 +32 20.2 19.6	-1.03 - 6.9	4.5/21.8	41778
2008 RM ₉₄	2009 11 18.8	03 36.96 +14 21.5 20.6	-0.56 - 2.3	1.0/17.8	51072
2004 TB ₁₄₅	2009 11 18.8	03 36.97 +27 16.4 19.3	-1.08 + 1.0	3.0/20.0	64231
2002 TQ ₂₇₃	2009 11 18.8	03 36.99 +14 04.5 18.4	-0.99 - 9.0	2.4/17.6	63642
2004 VM ₃₂	2009 11 18.8	03 37.01 +15 25.4 19.7	-0.89 - 3.1	1.4/18.1	64235
2005 TW ₅	2009 11 18.8	03 37.03 +29 00.6 19.6	-1.12 - 4.8	3.6/20.8	40145
2007 FS ₃₆	2009 11 18.8	03 37.04 +13 43.9 21.1	-0.92 - 4.1	1.7/17.8	74266
2004 RU ₂₁₅	2009 11 18.8	03 37.06 +38 46.3 19.6	-1.12 - 4.3	6.0/23.2	41813
1997 CU ₁₂	2009 11 18.9	03 36.99 +31 07.8 19.2	-1.20 - 0.7	5.9/20.8	64145
2002 OE ₂₈	2009 11 18.9	03 37.01 +11 04.2 19.2	-1.00 - 3.3	4.3/17.4	18016
2005 YM ₇₅	2009 11 18.9	03 37.01 +23 39.5 20.2	-1.00 - 2.9	1.5/19.7	20830
2006 DS ₆₄	2009 11 18.9	03 37.01 +36 46.2 19.4	-1.08 - 1.5	6.0/22.1	47393
2005 YJ ₂₁₈	2009 11 18.9	03 37.02 +08 14.1 20.5	-0.93 - 0.9	3.7/17.1	64285
2004 TG ₁₃₉	2009 11 18.9	03 37.02 +22 47.1 19.2	-0.95 - 4.4	1.3/19.6	64231
2005 UQ ₅₀₄	2009 11 18.9	03 37.07 +07 46.5 20.8	-0.80 - 2.5	3.1/16.7	11147
2003 UB ₁₀₄	2009 11 18.9	03 37.08 +44 10.8 18.3	-1.11 - 0.6	9.3/23.7	64212
2002 SS ₂₆	2009 11 18.9	03 37.09 +10 35.8 19.2	-1.00 - 6.7	4.0/17.0	64192
2005 UB ₄₅₀	2009 11 18.9	03 37.10 +15 30.1 20.9	-1.03 - 3.4	1.6/18.2	58518
2003 UD ₃₂₉	2009 11 18.9	03 37.12 +02 14.6 20.7	-0.78 - 6.0	5.4/15.0	42678
2004 RH ₃₁₂	2009 11 18.9	03 37.15 +21 21.5 18.6	-1.00 - 0.5	0.8/19.2	64227
2003 SG ₂₂	2009 11 18.9	03 37.16 +31 07.4 19.0	-0.92 - 4.3	3.9/21.4	43176
2008 SG ₂₀	2009 11 18.9	03 37.21 +07 42.4 20.5	-0.73 - 3.7	3.4/16.5	64337
2005 SL ₃₆	2009 11 18.9	03 37.21 +13 06.3 20.0	-1.04 - 4.3	2.5/17.8	39227
2005 RE ₂₂	2009 11 18.9	03 37.21 +19 20.1 19.6	-1.06 - 3.6	0.0/18.9	61930
2001 RU ₁₁₅	2009 11 18.9	03 37.22 +16 13.1 20.7	-1.05 - 3.0	1.1/18.4	64163
2005 SX ₂₂₁	2009 11 18.9	03 37.25 +02 14.8 18.8	-1.02 + 2.0	8.0/16.8	64256
1998 RF ₁₃	2009 11 18.9	03 37.29 +15 24.1 20.2	-0.97 - 4.0	2.0/18.2	63600
2007 DU ₄₄	2009 11 18.9	03 37.30 +17 24.1 20.7	-1.05 + 0.3	0.6/18.7	21876
2009 TC ₂₀	2009 11 18.9	03 37.31 +14 39.3 18.8	-0.90 - 9.8	1.7/17.8	64408
2000 NB ₁₉	2009 11 18.9	03 37.32 +15 27.7 19.7	-1.01 - 2.3	1.5/18.3	64154
2004 EW ₁₇	2009 11 18.9	03 37.33 +03 25.3 20.8	-1.01 - 2.1	5.4/16.2	40684
2008 PV ₁	2009 11 18.9	03 37.36 -01 57.1 21.0	-0.88 - 2.7	6.7/14.9	42984
2003 OP ₂₇	2009 11 18.9	03 37.37 +37 27.7 19.8	-1.03 - 4.0	5.7/23.0	47251
2005 QK ₁₆₃	2009 11 18.9	03 37.38 +18 24.8 20.2	-1.12 - 1.9	0.4/18.8	90239
2003 UJ ₂₁₄	2009 11 18.9	03 37.38 +29 55.1 20.7	-1.00 + 0.4	3.5/20.6	97689
2005 SG ₁₄₅	2009 11 18.9	03 37.39 +19 54.2 20.1	-1.11 - 2.0	0.2/19.1	62435
2001 QX ₁₁₀	2009 11 18.9	03 37.41 +13 37.1 19.7	-0.96 - 7.4	2.5/17.7	64161
2005 YL ₁₉₉	2009 11 18.9	03 37.41 +23 20.6 20.2	-0.99 - 4.3	1.6/19.8	98066
2003 HL ₂₂	2009 11 18.9	03 37.42 +28 47.5 19.7	-1.13 - 0.9	3.5/20.5	20779
2005 AS ₅₇	2009 11 18.9	03 37.42 +12 12.3 20.0	-0.95 + 0.7	2.3/17.9	64240
2005 SD ₂₁₁	2009 11 18.9	03 37.43 +15 09.7 20.6	-1.07 - 6.0	1.8/18.1	63730
2007 FM ₃₂	2009 11 18.9	03 37.43 +28 05.1 20.9	-1.06 + 0.4	2.8/20.3	64317
2006 DV ₂₁₂	2009 11 18.9	03 37.45 +21 37.1 21.0	-0.89 - 2.1	0.7/19.4	64294
2002 CC ₇₁	2009 11 18.9	03 37.47 +15 35.5 19.3	-0.96 - 3.0	1.5/18.3	64180

2004 PH ₅₆	2009 11 19.0	03 37.45 +38 00.1 18.7	-1.07 - 4.2	7.8/23.0	60805
2006 BZ ₁₉₂	2009 11 19.0	03 37.45 +52 55.1 21.5	-1.18 - 2.6	7.9/26.9	09504
2005 ST ₂₄₀	2009 11 19.0	03 37.46 +30 11.7 20.8	-1.17 - 2.7	4.4/21.0	22796
2006 FM ₃₆	2009 11 19.0	03 37.51 +16 19.0 20.3	-0.84 - 2.2	0.9/18.5	64295
2005 TT ₅₇	2009 11 19.0	03 37.52 +16 02.5 20.4	-1.03 - 3.9	1.2/18.4	64258
2007 AW ₁	2009 11 19.0	03 37.55 +23 25.4 19.4	-1.11 - 5.2	1.9/19.8	18185
2007 BU ₁	2009 11 19.0	03 37.59 +07 15.8 20.5	-1.04 - 2.6	4.6/16.9	18187
2005 NF ₆₃	2009 11 19.0	03 37.61 +47 55.9 18.8	-1.32 -13.3	12.1/28.5	97787
2003 SM ₃₃₆	2009 11 19.0	03 37.63 +12 04.9 20.7	-0.86 - 0.3	2.8/17.9	21802
2004 RU ₂₀₆	2009 11 19.0	03 37.65 +19 27.5 20.1	-0.96 - 6.7	0.0/19.1	63683
2002 AO ₆₉	2009 11 19.0	03 37.65 +34 00.2 18.3	-1.03 -10.5	6.3/23.0	64178
2002 AM ₅₁	2009 11 19.0	03 37.66 +16 07.7 20.1	-0.98 - 3.6	1.2/18.4	64177
2005 WB ₈₇	2009 11 19.0	03 37.67 +29 45.8 20.0	-1.01 - 6.1	3.7/21.3	09456
2004 OR ₇	2009 11 19.0	03 37.69 +12 32.2 19.9	-0.98 - 2.5	2.4/17.9	64221
2006 AT ₅	2009 11 19.0	03 37.74 +29 21.9 18.6	-1.22 + 5.2	4.6/20.0	64286
2002 JW ₁₀₂	2009 11 19.0	03 37.76 +12 38.0 19.3	-0.90 - 0.1	2.0/18.0	64186
2005 UH ₃₁₀	2009 11 19.0	03 37.76 +19 46.1 20.5	-1.11 - 2.5	0.1/19.1	62451
2005 UO ₁₃₃	2009 11 19.0	03 37.80 +29 13.0 20.2	-1.21 - 2.2	3.8/20.8	40696
2004 OK ₃	2009 11 19.0	03 37.80 +39 34.2 20.3	-1.19 - 5.2	6.9/23.8	40381
2005 OW ₃	2009 11 19.0	03 37.82 +22 52.7 20.1	-1.23 - 0.4	1.5/19.6	63711
2000 RR ₁₄	2009 11 19.0	03 37.83 +41 14.0 19.8	-1.08 - 6.0	9.8/24.7	97389
2004 RZ ₂₃₁	2009 11 19.0	03 37.88 +26 32.0 20.6	-1.02 - 1.6	2.5/20.3	74353
2006 BT ₁₅₁	2009 11 19.1	03 37.81 +20 06.6 20.1	-0.94 - 2.2	0.2/19.2	64290
2005 QJ ₁₀₆	2009 11 19.1	03 37.82 +19 18.3 20.2	-1.15 - 2.4	0.1/19.1	64249
2008 TL ₁₂₅	2009 11 19.1	03 37.82 +22 35.6 20.6	-0.57 - 2.3	0.6/19.8	50441
2002 AO ₂₈	2009 11 19.1	03 37.84 +01 22.5 19.4	-0.98 + 0.5	6.3/16.3	21310
2004 CW ₆	2009 11 19.1	03 37.85 +33 30.7 20.1	-1.27 - 3.5	5.7/21.7	12865
2005 QO ₃₄	2009 11 19.1	03 37.87 +13 54.4 21.4	-1.09 - 3.8	2.1/18.1	38884
2005 MR ₃₆	2009 11 19.1	03 37.89 +12 43.5 21.0	-1.12 - 2.3	2.6/18.0	64243
2008 SD ₇₄	2009 11 19.1	03 37.94 +12 27.5 20.4	-0.54 - 3.0	1.4/17.6	51074
2001 TU ₉₀	2009 11 19.1	03 37.94 +21 42.9 19.2	-1.00 - 6.5	1.0/19.6	97481
2000 UA ₇₃	2009 11 19.1	03 37.96 +19 04.4 18.4	-0.90 - 9.0	0.1/19.0	64157
2005 SH ₁₃₉	2009 11 19.1	03 37.97 +18 29.7 19.7	-1.05 - 2.0	0.4/19.0	64255
2004 SW ₅₆	2009 11 19.1	03 37.97 +25 43.2 19.6	-1.05 - 1.1	2.2/20.2	64229
2005 QF ₁₃₅	2009 11 19.1	03 37.98 +29 52.2 20.1	-1.21 - 1.3	4.4/20.8	34859
2008 RV ₂₉	2009 11 19.1	03 38.00 +30 37.2 20.3	-0.84 - 1.7	2.9/21.2	50167
2002 TM ₂₄₉	2009 11 19.1	03 38.02 +12 17.6 19.9	-1.08 - 4.8	3.0/17.8	37311
2001 VG ₁₁₅	2009 11 19.1	03 38.09 +23 41.9 18.8	-0.99 - 7.6	1.8/20.1	64170
2005 YA ₁₀₅	2009 11 19.1	03 38.09 +07 09.0 20.1	-0.98 + 0.2	4.7/17.4	64282
2007 BN ₆₉	2009 11 19.1	03 38.12 +14 32.4 21.3	-1.04 - 3.4	1.7/18.3	19696
2003 FJ ₇₇	2009 11 19.1	03 38.13 +23 49.1 20.1	-1.04 - 3.8	1.5/20.0	47245
2007 DR ₁	2009 11 19.1	03 38.14 +31 21.3 21.1	-1.14 - 3.7	3.9/21.4	53589
2005 YR ₁₁₃	2009 11 19.1	03 38.18 +16 09.9 19.7	-0.99 - 1.2	1.2/18.6	64283
2002 VM ₇₄	2009 11 19.1	03 38.20 +17 35.6 18.9	-1.20 + 0.7	0.9/18.9	64196
2001 KH ₇₁	2009 11 19.1	03 38.20 +15 12.2 20.4	-1.16 - 1.0	1.7/18.5	22684
2007 GY ₂₁	2009 11 19.1	03 38.21 +23 32.2 20.5	-0.98 + 0.4	1.3/19.8	63833
2004 MP ₈	2009 11 19.1	03 38.22 +33 31.0 19.9	-1.19 - 0.7	4.7/21.5	48929
2005 WB ₆₃	2009 11 19.1	03 38.27 +29 00.3 19.6	-1.03 - 7.4	3.5/21.4	62461
2004 FN ₃₉	2009 11 19.1	03 38.29 -06 15.1 20.4	-0.96 - 8.0	8.3/12.9	39198
2005 UL ₂₆₂	2009 11 19.1	03 38.32 +16 22.6 20.9	-1.03 - 3.0	1.1/18.7	64267
2001 FL ₁₂₁	2009 11 19.2	03 38.28 +36 04.7 20.5	-0.93 - 3.4	4.2/22.7	47166

2006 BB ₃₈	2009 11 19.2	03 38.28 +34 15.4 20.8	-1.01	- 2.2	4.8/22.0	01232
2004 RD ₂₅₇	2009 11 19.2	03 38.30 +34 07.9 19.0	-1.08	- 2.8	5.9/22.0	64227
2004 TR ₁₁	2009 11 19.2	03 38.31 +14 57.3 19.6	-0.89	- 4.7	1.7/18.3	64229
2002 GA ₂	2009 11 19.2	03 38.35 -12 13.2 21.1	-0.81	- 0.6	7.9/13.8	43152
2007 EL ₁₀₂	2009 11 19.2	03 38.38 +16 18.0 21.8	-0.91	- 2.5	0.9/18.7	20855
2005 AT ₂₈	2009 11 19.2	03 38.42 -25 53.8 19.6	-1.28	+ 9.7	23.9/16.9	64239
2004 TU ₉₀	2009 11 19.2	03 38.43 +33 53.7 19.7	-1.16	+ 0.5	5.1/21.4	02217
2003 DJ ₅	2009 11 19.2	03 38.44 +31 49.5 20.9	-1.17	- 4.6	5.0/21.6	97637
2003 OU ₁₄	2009 11 19.2	03 38.44 +09 48.0 20.4	-0.87	- 6.0	3.3/17.2	64204
2002 CL ₁₃₅	2009 11 19.2	03 38.46 +26 27.2 19.6	-1.00	- 4.4	2.6/20.6	17995
2005 ML ₅₂	2009 11 19.2	03 38.47 +28 27.8 19.1	-1.06	- 6.0	4.3/21.2	16293
2002 AE ₁₁₆	2009 11 19.2	03 38.48 +15 23.5 19.3	-0.98	- 1.8	1.5/18.6	64178
2000 EB ₁₂₂	2009 11 19.2	03 38.50 +42 25.9 20.2	-1.09	- 0.8	6.6/23.4	45851
2002 TW ₃₇₅	2009 11 19.2	03 38.54 +26 35.9 18.9	-1.11	- 1.8	3.6/20.5	64195
2006 HM ₁₂₉	2009 11 19.2	03 38.57 +11 48.6 20.0	-0.86	- 2.1	2.5/17.9	64296
2004 RD ₃₉	2009 11 19.2	03 38.60 +14 41.5 19.4	-0.89	- 2.9	2.1/18.4	64223
2004 GK ₄₆	2009 11 19.2	03 38.61 +17 43.4 20.8	-1.07	- 3.1	0.7/19.0	14721
2006 AB ₁₀₅	2009 11 19.2	03 38.62 +04 48.5 20.8	-0.80	- 3.0	4.4/16.4	41840
2002 AP ₄₇	2009 11 19.2	03 38.63 +04 15.9 19.7	-0.93	- 1.7	5.4/16.6	40673
2005 WL ₁₈₇	2009 11 19.2	03 38.64 +24 22.2 20.3	-1.04	- 4.6	1.8/20.2	02262
2004 RE ₁₂₄	2009 11 19.2	03 38.65 +19 09.0 19.4	-1.08	+ 0.2	0.1/19.2	64224
2007 EQ ₁₆	2009 11 19.2	03 38.66 +15 33.9 21.0	-0.95	- 2.9	1.2/18.6	22879
2005 WV ₉₂	2009 11 19.2	03 38.67 +13 37.8 20.1	-1.05	+ 0.6	2.1/18.5	64276
2004 YW ₃	2009 11 19.2	03 38.70 +09 33.8 19.5	-0.83	- 1.1	3.0/17.6	64239
2007 GG ₆₁	2009 11 19.3	03 38.64 +20 22.8 20.4	-0.83	- 4.2	0.3/19.5	64319
2001 WE ₁₂	2009 11 19.3	03 38.71 +12 40.1 19.6	-0.98	- 0.1	3.3/18.3	97510
2004 TP ₇₂	2009 11 19.3	03 38.75 +19 42.0 21.0	-0.95	- 2.3	0.1/19.4	62405
2007 JL ₃	2009 11 19.3	03 38.75 +18 25.4 20.5	-0.87	- 1.5	0.3/19.1	64322
2002 RJ ₂₀₇	2009 11 19.3	03 38.77 +30 10.5 19.2	-1.21	- 3.5	4.7/21.3	64191
2000 EB ₁₉₆	2009 11 19.3	03 38.77 +22 24.1 20.7	-1.09	- 2.9	1.0/19.8	57953
2002 EQ ₁₄₆	2009 11 19.3	03 38.77 +17 41.6 20.0	-0.92	- 2.4	0.6/19.0	47209
2002 QH ₈₂	2009 11 19.3	03 38.81 +23 24.2 21.4	-0.85	- 1.8	1.0/20.0	94828
2005 YO ₁₅₉	2009 11 19.3	03 38.82 +33 40.0 18.6	-0.90	-12.4	6.6/23.5	64284
2003 HZ ₁₁	2009 11 19.3	03 38.86 +00 27.3 20.7	-0.89	- 2.0	5.6/15.9	43171
2007 GJ ₂	2009 11 19.3	03 38.90 +10 09.7 20.4	-0.97	- 0.2	3.0/17.9	20592
2004 RR ₁₈	2009 11 19.3	03 38.94 +27 43.1 20.1	-1.05	- 3.1	2.8/20.9	19621
2007 DY ₄	2009 11 19.3	03 38.96 +10 54.6 20.7	-1.04	- 3.8	3.1/17.8	64307
2005 QV ₅₉	2009 11 19.3	03 38.99 +11 32.9 20.9	-1.05	- 3.9	2.9/17.9	64248
2004 HV ₄₂	2009 11 19.3	03 38.99 +25 57.3 20.1	-1.15	- 1.9	2.4/20.4	90200
2001 VF ₁₁₅	2009 11 19.3	03 39.01 +20 53.3 18.7	-1.08	- 1.5	0.6/19.6	64170
2005 QE ₄₆	2009 11 19.3	03 39.04 +20 19.9 20.0	-1.08	- 2.1	0.4/19.5	90228
2005 SQ ₆₅	2009 11 19.3	03 39.06 +22 05.4 18.4	-1.00	- 6.1	1.2/19.9	64253
2002 CD ₆₉	2009 11 19.3	03 39.07 +05 29.1 19.5	-0.96	- 1.1	5.3/17.0	64180
2002 EV ₃₆	2009 11 19.3	03 39.08 +11 50.2 20.7	-0.92	- 2.7	3.0/18.0	94686
2004 OF ₁₁	2009 11 19.3	03 39.09 +32 52.5 20.4	-1.18	- 2.7	4.9/21.9	70372
2004 QX ₁₀	2009 11 19.3	03 39.10 +06 21.7 19.1	-0.97	+ 0.2	4.9/17.5	64222
2004 BT ₉₈	2009 11 19.3	03 39.11 +14 34.7 20.3	-1.06	- 2.7	1.7/18.5	21808
2005 QF ₅	2009 11 19.3	03 39.15 +30 48.0 19.8	-1.24	- 3.5	4.4/21.5	87721
2002 CJ ₂₂₁	2009 11 19.4	03 39.07 +03 47.7 20.6	-0.91	- 4.0	5.1/16.2	30685
2006 BS ₁₁₀	2009 11 19.4	03 39.08 +16 56.3 19.6	-0.91	- 2.1	0.9/19.0	64289
2007 CN	2009 11 19.4	03 39.10 +46 43.2 20.5	-1.41	- 7.7	9.7/25.9	56088

2001 UQ ₁₈₇	2009 11 19.4	03 39.12 +12 42.3 19.8	-0.99	- 4.1	2.7/18.1	64169
2001 OX ₆₆	2009 11 19.4	03 39.14 +44 00.0 19.2	-1.31	- 5.4	10.0/25.3	16154
2002 EP ₁₄₀	2009 11 19.4	03 39.18 +07 51.0 20.2	-0.90	- 3.1	4.2/17.2	64183
2008 HS ₃₇	2009 11 19.4	03 39.24 +20 48.8 21.7	-1.12	- 4.7	0.4/19.7	50127
2008 TN ₁₇₅	2009 11 19.4	03 39.25 +17 41.8 20.6	-0.55	- 2.8	0.4/19.1	64339
2008 SD ₂₆₀	2009 11 19.4	03 39.28 +17 41.1 20.4	-0.58	- 0.9	0.4/19.1	63868
2006 RJ ₁₀₈	2009 11 19.4	03 39.29 +12 27.6 21.9	-1.25	- 5.9	2.9/18.1	39256
2002 CX ₄₆	2009 11 19.4	03 39.3 +82 36.4 18.5	-3.24	+12.4	34.7/10.5	60758
2003 JL ₁₆	2009 11 19.4	03 39.30 +00 52.6 20.9	-0.94	- 0.5	6.1/16.5	19600
2006 EE ₂₁	2009 11 19.4	03 39.31 +15 19.7 21.0	-0.83	- 2.7	1.2/18.7	64294
2007 FZ ₂₇	2009 11 19.4	03 39.32 +07 59.8 21.7	-0.86	- 4.0	3.5/17.2	41338
2005 SS ₁₇₅	2009 11 19.4	03 39.39 +10 53.8 20.1	-0.99	- 7.9	3.3/17.5	22796
2004 OO ₂	2009 11 19.4	03 39.40 +17 09.8 20.8	-0.99	- 3.5	0.8/19.0	64221
2007 GN ₃₆	2009 11 19.4	03 39.40 +22 22.8 20.5	-1.05	0.0	0.9/19.9	64319
2005 QN ₃	2009 11 19.4	03 39.45 +15 19.7 19.0	-0.95	- 4.1	2.1/18.7	64246
2001 XR ₆₈	2009 11 19.4	03 39.45 +26 49.6 18.4	-1.89	+12.3	3.9/19.6	64173
2003 JV ₁	2009 11 19.4	03 39.45 +11 56.3 20.6	-0.90	- 6.4	2.6/17.8	64204
2007 EN ₂₁₀	2009 11 19.4	03 39.46 +23 33.9 20.1	-1.15	- 2.0	1.7/20.1	62516
2007 DW ₇₆	2009 11 19.4	03 39.50 +03 42.7 19.3	-0.99	- 3.0	6.7/16.6	64309
2007 ES ₁₃₆	2009 11 19.4	03 39.52 +28 17.7 20.3	-1.17	- 2.7	3.7/21.0	19429
2002 XP ₆₀	2009 11 19.4	03 39.53 +24 13.9 19.3	-1.08	- 6.5	1.9/20.5	64198
2005 QJ ₉₂	2009 11 19.5	03 39.49 +17 40.4 20.2	-1.08	- 3.8	0.8/19.2	64249
2003 TO ₃	2009 11 19.5	03 39.56 +29 23.1 18.9	-1.10	+ 4.2	4.0/20.6	63668
2005 MP ₅₃	2009 11 19.5	03 39.57 +12 08.9 20.8	-1.09	- 2.9	2.8/18.3	40135
2003 NT ₄	2009 11 19.5	03 39.57 -05 09.9 20.7	-0.84	- 2.7	7.3/14.9	64204
1998 QB ₂₉	2009 11 19.5	03 39.57 +11 37.4 20.0	-1.04	- 6.6	3.4/17.9	88663
2008 HE ₃₄	2009 11 19.5	03 39.59 +12 07.5 21.6	-1.04	- 3.5	2.6/18.2	40601
2006 HW ₂₂	2009 11 19.5	03 39.59 +20 58.6 19.7	-0.93	+ 0.1	0.5/19.7	64296
2006 PC ₁₅	2009 11 19.5	03 39.59 -25 55.2 20.4	-1.19	- 0.9	20.3/09.2	58531
2006 AJ ₄₄	2009 11 19.5	03 39.60 +28 01.8 20.2	-1.01	- 2.6	3.1/21.1	96929
2002 CO ₁₈	2009 11 19.5	03 39.60 +35 09.1 19.4	-1.20	+ 0.1	5.8/21.9	97559
2005 UT ₅₁₀	2009 11 19.5	03 39.63 +14 46.4 20.3	-1.08	+ 1.1	1.6/18.9	64271
2005 WW ₁₁₄	2009 11 19.5	03 39.65 +26 19.4 20.5	-0.99	- 5.6	2.5/21.0	58520
2008 RC ₇₃	2009 11 19.5	03 39.67 +16 59.0 20.8	-0.85	- 3.2	0.8/19.1	64336
2001 FR ₁₈₉	2009 11 19.5	03 39.68 +07 49.8 19.4	-0.84	- 2.4	3.7/17.4	64160
2002 HG ₁₁	2009 11 19.5	03 39.69 -05 18.2 20.7	-0.79	- 2.5	6.8/15.0	64185
2006 FS ₇	2009 11 19.5	03 39.69 +17 16.8 20.6	-0.84	- 2.8	0.7/19.1	64295
2009 UX ₇₂	2009 11 19.5	03 39.72 +21 58.7 19.7	-1.03	- 0.7	0.9/19.9	64077
2007 HL ₆₃	2009 11 19.5	03 39.79 +18 41.1 20.7	-0.96	- 0.7	0.3/19.4	64321
2007 JF ₁₈	2009 11 19.5	03 39.82 +01 19.4 22.3	-0.78	- 2.3	4.9/16.1	58567
2006 TO ₁	2009 11 19.5	03 39.85 +48 29.3 20.2	-2.17	+10.6	14.5/20.4	12468
2002 OU ₃₀	2009 11 19.5	03 39.88 +27 43.6 21.5	-0.83	- 4.0	1.9/21.3	49835
2003 HP ₂₂	2009 11 19.5	03 39.89 +19 08.5 20.2	-0.98	- 4.5	0.1/19.5	18053
2003 SP ₃₃₀	2009 11 19.5	03 39.91 +19 22.7 20.8	-0.87	- 1.8	0.0/19.6	20787
2007 LN ₆	2009 11 19.5	03 39.91 +11 38.4 19.9	-0.81	- 4.7	2.3/17.9	64323
2000 HV ₂₇	2009 11 19.5	03 39.92 +14 24.4 19.2	-1.07	-13.3	2.0/18.2	64153
2005 WW ₂₉	2009 11 19.5	03 39.93 +23 08.5 19.3	-1.02	- 4.4	1.7/20.3	96456
2003 SA ₂₃₃	2009 11 19.5	03 39.96 +03 41.1 19.9	-0.79	- 3.2	5.3/16.5	64209
2002 EK	2009 11 19.5	03 39.96 -09 37.9 18.3	-1.34	+ 8.3	11.5/17.3	64182
2001 FC ₁₇₈	2009 11 19.5	03 39.96 +15 30.6 18.8	-1.16	- 1.6	1.7/19.0	60737
2002 VZ ₁₄₃	2009 11 19.6	03 39.91 +15 03.6 19.9	-1.04	- 4.6	2.0/18.8	64197

2006 HB ₂₁	2009 11 19.6	03 39.92 +16 39.7 19.9	-0.85 - 1.5	0.9/19.1	64296
2001 QV ₆₁	2009 11 19.6	03 39.95 +47 15.3 20.0	-1.47 - 3.4	10.4/25.9	90065
2001 TM ₁₅₆	2009 11 19.6	03 39.96 +16 20.9 19.7	-1.00 - 4.2	1.3/19.0	64166
2003 EW ₆₂	2009 11 19.6	03 39.97 -00 36.8 21.1	-0.89 - 6.0	7.3/15.1	20303
2005 SG ₁₇₂	2009 11 19.6	03 39.99 +22 11.4 19.2	-0.99 - 4.4	1.3/20.1	64255
2004 RN ₁₇	2009 11 19.6	03 40.03 +18 07.3 19.4	-1.00 - 1.3	0.5/19.4	64223
2004 RL ₁₈₃	2009 11 19.6	03 40.04 +01 22.5 18.7	-0.81 - 6.8	7.3/15.4	62399
2005 YF ₃	2009 11 19.6	03 40.04 +37 28.1 17.8	-1.37 + 3.1	7.9/22.0	64280
2007 EH ₈₀	2009 11 19.6	03 40.07 +12 55.4 20.4	-0.91 - 4.3	2.3/18.3	59791
2009 US ₈₄	2009 11 19.6	03 40.07 +20 47.8 18.4	-1.24 + 9.4	0.6/19.7	64077
2002 AR ₁₄₂	2009 11 19.6	03 40.11 -02 50.9 20.1	-0.93 - 0.5	7.5/16.0	59675
2006 BO ₁₂₈	2009 11 19.6	03 40.14 +12 58.1 20.6	-0.81 - 2.6	1.8/18.4	47381
2006 BY ₁₄₂	2009 11 19.6	03 40.17 +22 30.8 20.5	-0.89 - 3.1	0.9/20.2	43255
2006 BV ₂₃₇	2009 11 19.6	03 40.17 +12 45.3 20.0	-0.90 - 1.5	2.3/18.5	64291
2006 DN ₂₃	2009 11 19.6	03 40.20 +30 50.1 20.5	-0.97 - 1.8	3.5/21.7	47390
2000 GX ₁₁₅	2009 11 19.6	03 40.23 +17 14.8 20.7	-1.06 - 3.1	0.8/19.3	47145
2003 SD ₁₄₅	2009 11 19.6	03 40.23 +21 43.6 18.4	-0.84 - 9.3	0.8/20.2	64208
2004 NR ₃₀	2009 11 19.6	03 40.26 +34 09.0 20.4	-1.11 - 5.3	4.9/23.0	70370
2008 TV ₄₉	2009 11 19.6	03 40.30 +22 56.0 20.2	-0.59 - 1.5	0.7/20.3	50399
2004 LR ₇	2009 11 19.6	03 40.31 +03 03.0 19.9	-1.02 + 0.8	5.6/17.5	58479
2007 LD ₂	2009 11 19.6	03 40.31 +11 32.3 19.7	-0.80 - 5.3	2.6/18.0	64322
2006 DS ₁₃₃	2009 11 19.6	03 40.35 +24 06.9 19.2	-0.96 - 1.4	1.7/20.5	64294
2006 FK ₃₉	2009 11 19.6	03 40.38 +26 40.3 20.4	-0.90 - 1.3	2.1/20.9	55221
2002 XE ₈₉	2009 11 19.6	03 40.41 -10 49.5 19.5	-1.25 + 4.2	12.8/15.4	59691
2008 GY ₁₉	2009 11 19.7	03 40.32 +10 07.8 21.4	-1.07 - 3.8	3.7/18.0	39985
2005 UZ ₂₂₁	2009 11 19.7	03 40.35 +22 44.3 20.7	-1.07 - 4.0	1.2/20.3	18145
2006 AK ₅₇	2009 11 19.7	03 40.36 +27 49.6 19.8	-0.96 - 4.6	2.7/21.4	47374
2006 DR ₈₄	2009 11 19.7	03 40.36 +06 36.5 20.8	-0.78 - 4.0	3.8/17.1	64293
2006 BM ₁₁₈	2009 11 19.7	03 40.40 +33 34.5 20.8	-0.96 - 3.0	4.2/22.5	46380
2003 SK ₅₈	2009 11 19.7	03 40.40 +19 13.2 19.6	-0.85 - 6.0	0.1/19.6	64207
2003 SC ₇₈	2009 11 19.7	03 40.43 +36 22.2 19.3	-1.01 - 2.5	5.8/23.0	64207
2004 TY ₁₀₇	2009 11 19.7	03 40.43 +12 09.0 19.2	-0.90 - 2.6	2.8/18.4	64231
2000 VC ₅₈	2009 11 19.7	03 40.44 +25 48.5 18.8	-0.96 - 6.1	2.5/21.1	64157
2008 FF ₁	2009 11 19.7	03 40.46 -19 17.1 21.0	-1.09 - 6.7	17.6/09.8	41534
2001 OU ₄₄	2009 11 19.7	03 40.47 +31 43.4 20.2	-1.23 - 2.4	4.9/21.9	14613
2006 DB ₁₄	2009 11 19.7	03 40.49 +29 11.8 20.7	-0.98 - 1.1	2.9/21.4	47390
2008 OL ₂₀	2009 11 19.7	03 40.52 +05 45.2 20.2	-0.79 - 3.4	4.2/17.0	64335
2000 GO ₈₅	2009 11 19.7	03 40.53 +12 49.0 19.6	-1.04 + 1.3	2.3/18.8	64153
2008 JL ₁₃	2009 11 19.7	03 40.57 +09 45.5 19.6	-1.10 - 2.6	4.1/18.2	64333
2005 AO ₂₄	2009 11 19.7	03 40.57 +36 01.1 21.9	-0.92 - 3.4	3.9/23.0	60821
2002 PE ₁₆₈	2009 11 19.7	03 40.58 +19 18.3 19.4	-1.16 - 1.9	0.1/19.7	62351
2000 WE ₆	2009 11 19.7	03 40.59 +12 07.9 18.4	-1.25 + 8.8	4.1/19.5	63615
2007 CX ₆₄	2009 11 19.7	03 40.61 +21 28.9 21.0	-1.10 - 2.7	0.7/20.1	24147
2005 WC ₆₂	2009 11 19.7	03 40.62 +00 40.2 19.3	-1.00 + 1.5	8.1/17.4	40156
2002 TX ₁₂₄	2009 11 19.7	03 40.65 +21 32.0 19.3	-1.10 - 7.4	0.8/20.2	14675
2001 QB ₁₇₀	2009 11 19.7	03 40.67 +20 54.4 20.0	-1.07 - 4.9	0.5/20.0	64161
2005 QN ₉₄	2009 11 19.7	03 40.70 +06 14.9 20.2	-1.03 - 2.9	5.7/17.5	40138
2007 GQ ₄₈	2009 11 19.7	03 40.76 +18 17.9 19.2	-0.97 + 0.6	0.5/19.6	64319
2003 SD ₂₄₅	2009 11 19.7	03 40.79 +30 17.8 19.9	-0.99 - 1.0	3.5/21.6	00566
2007 EU ₂₀₉	2009 11 19.7	03 40.85 +48 38.6 19.6	-1.68 + 4.6	9.2/22.8	21878
2001 PO ₆₀	2009 11 19.8	03 40.75 +14 15.6 20.2	-1.07 - 3.2	2.2/18.9	64161

2005 NH ₈	2009 11 19.8	03 40.76 +19 25.0 20.2	-1.11 - 4.9	0.1/19.8	64243
2007 EC ₁₉₇	2009 11 19.8	03 40.77 +13 37.0 19.1	-0.93 - 5.4	2.4/18.6	64316
2007 DH ₁₁₅	2009 11 19.8	03 40.77 +27 21.2 18.5	-1.06 - 2.4	3.9/21.2	64310
2007 BW ₅₇	2009 11 19.8	03 40.80 +16 38.1 20.0	-1.08 - 3.0	1.2/19.3	64304
2004 SQ ₂₄	2009 11 19.8	03 40.80 +32 33.8 20.2	-1.07 - 3.3	5.1/22.4	11070
2005 SV ₈₆	2009 11 19.8	03 40.81 +14 18.3 20.1	-0.98 - 4.3	2.4/18.8	64254
2002 CU ₁₆₄	2009 11 19.8	03 40.82 +31 07.1 18.8	-1.11 - 0.8	4.8/21.7	19570
2005 SF ₅₃	2009 11 19.8	03 40.86 +15 22.6 19.9	-0.99 - 3.8	2.0/19.1	63725
2005 OR ₁₁	2009 11 19.8	03 40.88 +00 22.2 19.6	-1.02 - 2.0	8.2/16.7	39218
2007 DT ₉₃	2009 11 19.8	03 40.91 +24 39.6 19.8	-1.21 - 0.9	2.4/20.6	19707
2005 WS ₉₉	2009 11 19.8	03 40.94 +15 47.8 19.1	-1.04 - 0.6	1.5/19.3	64276
2007 GW ₁₉	2009 11 19.8	03 40.98 +14 56.6 19.4	-0.90 - 7.5	1.6/18.8	63832
2001 PV ₅₃	2009 11 19.8	03 41.01 +18 19.6 20.0	-1.14 - 1.6	0.5/19.7	64161
2005 SK ₅	2009 11 19.8	03 41.01 +06 12.0 20.6	-1.00 - 6.5	5.1/17.1	64252
2003 QE ₁₀₆	2009 11 19.8	03 41.01 +07 17.8 19.2	-0.81 - 4.3	4.0/17.4	64206
2003 SF ₁₀₈	2009 11 19.8	03 41.03 +40 24.5 19.1	-1.13 - 0.4	6.4/23.6	47258
2005 QM ₁₃₉	2009 11 19.8	03 41.03 +22 01.9 20.2	-1.14 - 3.0	0.9/20.3	63719
2002 TQ ₁₆	2009 11 19.8	03 41.04 +29 56.7 18.7	-1.21 - 2.0	4.9/21.6	64193
2005 QW ₃₆	2009 11 19.8	03 41.04 +22 48.6 20.2	-1.13 - 4.1	1.3/20.4	58856
2007 DH ₈₇	2009 11 19.8	03 41.06 +29 42.9 21.5	-1.18 - 2.4	3.5/21.6	19707
2007 FX ₇	2009 11 19.8	03 41.06 +21 19.0 21.8	-1.05 - 3.4	0.6/20.2	20859
2003 QX ₁₁₉	2009 11 19.8	03 41.07 +38 30.7 20.1	-1.00 - 5.5	6.2/24.3	64206
2009 QY ₅₁	2009 11 19.8	03 41.08 -41 14.7 19.3	-0.90 +13.7	29.4/13.0	62171
2004 TN ₁₅₄	2009 11 19.8	03 41.09 +16 13.5 20.1	-0.90 - 4.1	1.3/19.2	64232
2004 RH ₁₇₆	2009 11 19.8	03 41.10 +12 43.0 20.3	-0.91 - 5.9	2.3/18.4	70033
2004 CC ₈₆	2009 11 19.8	03 41.11 +16 03.7 20.2	-1.09 - 3.4	1.3/19.3	64215
2006 BG ₁₄₄	2009 11 19.8	03 41.12 -06 11.4 19.7	-0.86 - 4.8	8.6/13.9	47382
2005 NW ₂₁	2009 11 19.8	03 41.17 +27 09.7 19.9	-1.12 - 6.5	3.3/21.5	15825
2007 GU ₅₉	2009 11 19.8	03 41.18 +27 04.8 20.6	-0.98 - 0.5	2.3/21.1	64319
2006 DM ₂₀	2009 11 19.8	03 41.19 +28 09.8 19.4	-1.00 - 2.1	3.3/21.4	01334
2001 SV ₂₄₈	2009 11 19.8	03 41.25 +24 52.6 18.7	-1.12 - 0.5	2.3/20.7	62320
2005 NL ₃₅	2009 11 19.8	03 41.26 +31 00.9 19.9	-1.21 - 5.7	4.8/22.3	64244
2003 WM ₁₆	2009 11 19.9	03 41.23 +14 40.9 19.3	-0.79 - 6.0	1.7/18.8	64213
1998 KK ₁₆	2009 11 19.9	03 41.26 +19 14.9 22.8	-0.90 - 1.5	0.1/19.9	32333
2004 RD ₉₂	2009 11 19.9	03 41.26 +04 46.2 20.8	-0.91 - 4.7	4.8/17.0	64224
2003 UW ₂₁₆	2009 11 19.9	03 41.26 +31 00.5 20.2	-0.96 - 1.8	3.5/22.0	47274
2000 EW ₁₇₀	2009 11 19.9	03 41.30 +16 03.8 19.9	-1.14 - 1.2	1.4/19.4	64153
2005 RV ₂₉	2009 11 19.9	03 41.30 +16 12.6 19.0	-0.99 - 3.0	1.7/19.3	64251
2008 NV ₃	2009 11 19.9	03 41.32 -23 06.2 21.6	-0.94 + 0.4	11.4/12.6	59134
2007 EL ₁₁₃	2009 11 19.9	03 41.34 +11 56.6 20.0	-1.02 - 2.2	3.1/18.7	64314
2007 MG ₉	2009 11 19.9	03 41.35 +03 49.5 19.5	-0.82 - 1.6	5.2/17.2	21715
2005 WZ ₁₆₉	2009 11 19.9	03 41.35 +19 32.0 20.3	-0.97 - 5.4	0.0/19.9	63773
2003 JC ₁₄	2009 11 19.9	03 41.38 +05 26.0 21.0	-0.86 - 4.6	4.1/17.1	64204
2003 JU ₁₆	2009 11 19.9	03 41.38 -18 16.7 19.6	-1.11 + 5.1	11.5/16.3	41790
2005 VS ₁₁₉	2009 11 19.9	03 41.38 -00 06.1 20.5	-0.98 + 1.1	7.4/17.0	97975
2005 SZ ₁₄₀	2009 11 19.9	03 41.40 +09 29.1 20.0	-0.99 - 4.8	4.1/18.0	64255
2004 RL ₃₃₆	2009 11 19.9	03 41.41 +21 43.4 20.6	-0.94 - 3.8	0.7/20.4	64228
2005 TB ₁₂₉	2009 11 19.9	03 41.44 +18 01.9 20.7	-1.05 - 3.9	0.6/19.7	40146
2004 TW ₆₁	2009 11 19.9	03 41.46 +31 19.6 19.8	-1.13 - 0.3	3.9/21.8	59742
2006 BW ₁₆₉	2009 11 19.9	03 41.48 +03 20.6 21.3	-0.76 - 3.2	4.4/16.8	47383
2003 NK	2009 11 19.9	03 41.48 +51 20.9 21.1	-1.27 - 3.6	7.8/27.2	19602

2005 MZ ₂	2009 11 19.9	03 41.49 +30 02.6 20.0	-1.19	- 6.6	4.1/22.2	12356
2006 AU ₄₂	2009 11 19.9	03 41.52 +12 46.5 20.2	-0.90	- 3.1	2.3/18.7	64286
2002 CE ₂₇₂	2009 11 19.9	03 41.56 +19 47.8 18.8	-0.97	- 7.2	0.1/20.0	33965
2006 AD ₈₀	2009 11 19.9	03 41.56 -07 28.0 20.8	-0.78	- 2.5	7.3/14.4	02270
2001 YV ₁₄₅	2009 11 19.9	03 41.56 +15 45.6 19.6	-1.15	+ 1.9	1.3/19.5	64177
2002 AY ₁₁₂	2009 11 19.9	03 41.57 +30 11.6 17.6	-0.94	- 2.6	5.4/22.0	64178
2005 MJ ₉	2009 11 19.9	03 41.63 +18 03.2 20.5	-1.14	- 5.0	0.7/19.7	62421
2006 AO ₃₉	2009 11 19.9	03 41.64 +23 59.4 20.3	-0.98	- 3.3	1.7/20.8	96924
2004 FT ₃	2009 11 19.9	03 41.66 -00 44.3 20.7	-1.02	- 2.5	7.4/16.5	40121
2005 YP ₁₂₀	2009 11 20.0	03 41.56 +18 46.5 19.9	-0.93	- 4.0	0.3/19.8	62470
2006 PO ₂₀	2009 11 20.0	03 41.57 -30 58.8 19.4	-1.18	+ 5.6	26.1/10.7	64296
2000 ET ₁₇₃	2009 11 20.0	03 41.58 +07 48.7 18.4	-0.95	+ 1.6	3.9/18.4	64153
2003 HE ₅₅	2009 11 20.0	03 41.64 +16 00.8 21.5	-0.97	- 4.5	1.2/19.3	20780
2003 UE ₃₅	2009 11 20.0	03 41.64 +22 51.7 19.3	-0.86	- 5.0	1.0/20.7	59713
2005 XR ₄	2009 11 20.0	03 41.66 +09 41.7 19.4	-0.98	- 0.4	3.8/18.5	64278
2006 XK ₆₉	2009 11 20.0	03 41.69 +08 59.8 19.9	-1.07	- 1.4	4.1/18.4	64301
2004 RM ₃₁₅	2009 11 20.0	03 41.70 +15 49.2 18.4	-1.05	+ 2.1	1.6/19.6	64227
2003 JQ ₁₁	2009 11 20.0	03 41.71 +21 42.0 20.7	-1.01	- 2.0	0.6/20.4	64204
2005 UW ₂₄₉	2009 11 20.0	03 41.74 +19 49.5 20.2	-1.01	- 2.4	0.1/20.1	64267
2005 WA ₅₀	2009 11 20.0	03 41.74 +17 52.5 20.0	-1.06	- 0.1	0.7/19.8	63765
2003 SG ₁₇₉	2009 11 20.0	03 41.76 +02 33.7 19.6	-0.79	- 3.4	5.3/16.6	47260
2006 DN ₄	2009 11 20.0	03 41.77 +18 58.9 20.4	-0.79	- 2.2	0.2/19.9	64292
2007 BT ₄₉	2009 11 20.0	03 41.79 +10 24.1 20.4	-1.03	- 2.7	3.4/18.5	64304
2006 YN ₅₁	2009 11 20.0	03 41.82 -04 03.8 19.9	-0.92	- 2.4	8.5/15.7	47416
2006 BD ₂₂	2009 11 20.0	03 41.85 +15 03.3 20.5	-0.83	- 2.6	1.3/19.2	64288
2000 RP ₆₄	2009 11 20.0	03 41.87 +33 21.7 19.4	-1.08	- 7.2	5.6/23.3	21758
2007 BN ₈₁	2009 11 20.0	03 41.90 +13 19.3 21.7	-1.01	- 3.8	2.2/18.9	41311
2006 DW ₁	2009 11 20.0	03 41.91 +32 26.0 20.1	-1.05	- 1.9	4.8/22.3	58525
2007 FL ₄₇	2009 11 20.0	03 41.97 +14 54.1 20.1	-0.95	- 4.2	1.8/19.2	63831
1992 DD ₁	2009 11 20.0	03 41.98 +42 06.9 21.6	-1.50	+ 1.3	10.6/22.5	50367
2004 SZ ₄₅	2009 11 20.0	03 42.01 +24 24.3 19.7	-0.98	- 3.1	1.8/21.0	59740
2008 JK ₃₄	2009 11 20.0	03 42.01 +06 53.2 21.2	-0.99	- 2.9	4.4/17.9	64334
2008 JT ₂₀	2009 11 20.0	03 42.03 +18 13.3 19.7	-1.05	- 6.3	0.5/19.8	64333
2004 SL ₄	2009 11 20.0	03 42.06 +21 42.8 20.1	-0.96	- 4.3	0.8/20.5	64228
2007 EL ₁₈₃	2009 11 20.0	03 42.07 +14 36.6 20.7	-0.96	- 2.5	1.8/19.2	26262
2002 CB ₂₅₆	2009 11 20.1	03 41.99 +05 59.2 18.4	-0.88	- 4.2	6.1/17.4	64181
2008 QV ₂₂	2009 11 20.1	03 41.99 +22 52.6 19.1	-0.87	- 5.3	1.0/20.8	47456
2005 LU ₄₇	2009 11 20.1	03 42.00 +19 50.6 19.0	-1.04	- 4.6	0.1/20.1	64242
2007 DX ₄₆	2009 11 20.1	03 42.00 +18 57.0 20.4	-1.05	- 3.7	0.3/20.0	64308
2005 WP ₉₁	2009 11 20.1	03 42.03 +17 19.5 19.3	-1.05	- 1.1	0.9/19.8	64275
2001 VF ₃₈	2009 11 20.1	03 42.05 +21 39.8 19.0	-1.05	- 3.0	0.7/20.5	64169
2007 BQ ₁₆	2009 11 20.1	03 42.08 +17 47.5 20.5	-1.07	- 2.8	0.7/19.8	64303
2005 QE ₁₃₈	2009 11 20.1	03 42.12 +16 56.0 20.4	-1.09	- 3.0	1.0/19.7	60832
2002 AT ₁₇₁	2009 11 20.1	03 42.13 +13 27.6 19.0	-0.99	- 0.7	2.6/19.2	20758
2006 BD ₇₁	2009 11 20.1	03 42.16 +07 41.4 20.6	-0.84	- 1.1	3.5/18.1	64289
2007 FD ₁₄	2009 11 20.1	03 42.18 +28 42.9 20.6	-1.06	- 0.4	2.8/21.6	43278
2001 DY ₈₀	2009 11 20.1	03 42.19 +26 01.0 19.1	-0.98	- 0.4	1.9/21.1	64159
2002 OR ₂₆	2009 11 20.1	03 42.19 +02 39.7 21.2	-0.75	- 4.5	4.7/16.6	41783
2005 TL ₄₂	2009 11 20.1	03 42.20 +20 56.8 19.1	-1.00	- 4.7	0.6/20.4	64258
2007 GJ ₂₁	2009 11 20.1	03 42.23 +21 47.8 21.0	-1.08	- 1.2	0.8/20.5	20864
2005 YG ₁₀₉	2009 11 20.1	03 42.24 +22 33.4 20.9	-0.94	- 3.8	0.9/20.7	58522

2008 OK ₁₇	2009 11 20.1	03 42.24 +11 46.3 21.6	-0.92	- 3.6	2.5/18.7	46590
2004 GJ ₄₆	2009 11 20.1	03 42.25 +19 48.5 20.6	-1.10	- 2.6	0.1/20.2	21811
2004 TO ₃₂₃	2009 11 20.1	03 42.27 +19 22.9 20.0	-0.91	- 3.3	0.1/20.1	64234
2002 PW ₄₇	2009 11 20.1	03 42.27 +18 41.0 19.4	-1.10	- 7.2	0.4/19.9	64187
2000 EW ₉	2009 11 20.1	03 42.28 +29 05.0 18.9	-1.10	+ 2.0	2.7/21.3	64152
2007 DL ₈₄	2009 11 20.1	03 42.28 +09 00.7 20.8	-0.88	- 4.6	3.5/18.0	64309
2001 XD ₁₂₆	2009 11 20.1	03 42.28 +18 43.1 19.1	-1.01	- 3.3	0.4/20.0	62332
2003 SQ ₈₃	2009 11 20.1	03 42.29 +21 09.5 20.4	-0.90	- 1.8	0.5/20.4	63661
2006 YY ₃₀	2009 11 20.1	03 42.30 +13 27.7 19.2	-1.15	- 0.4	2.7/19.3	64302
2008 EM ₈₈	2009 11 20.1	03 42.33 -20 34.6 20.7	-1.08	- 6.2	18.9/09.9	58600
2005 UB ₂₈₈	2009 11 20.1	03 42.34 +15 16.2 20.7	-1.05	- 2.5	1.7/19.4	64268
2003 SG ₁₀₁	2009 11 20.1	03 42.34 +21 15.5 19.5	-0.86	- 6.1	0.5/20.5	57386
1995 OA ₉	2009 11 20.1	03 42.35 +33 00.4 19.6	-1.05	- 7.1	5.2/23.3	97325
2001 YN ₈₈	2009 11 20.1	03 42.37 +22 02.6 18.3	-0.98	- 3.7	1.0/20.6	64176
2001 SE ₁₂₃	2009 11 20.1	03 42.37 +24 50.3 19.5	-1.10	- 4.9	2.2/21.2	64163
2005 RG ₂₆	2009 11 20.1	03 42.41 +13 06.8 19.6	-1.09	- 0.4	3.0/19.3	64251
2007 DK ₇₆	2009 11 20.1	03 42.42 +20 33.9 20.4	-1.02	- 1.7	0.3/20.3	64309
2003 UT ₁₃₃	2009 11 20.1	03 42.45 +20 52.6 18.8	-0.83	- 7.0	0.4/20.5	59714
2003 HT ₁	2009 11 20.1	03 42.45 +00 55.9 19.8	-0.87	- 5.8	6.4/16.3	18052
2005 YM ₁₁₅	2009 11 20.1	03 42.46 +23 47.6 19.8	-1.00	- 2.2	1.5/20.9	19680
2001 SZ ₂₀₂	2009 11 20.1	03 42.46 +14 28.5 20.2	-1.02	- 3.5	2.0/19.3	31182
2000 SH ₇	2009 11 20.1	03 42.50 +40 06.2 19.3	-1.28	+ 2.1	9.0/23.2	64155
2008 FD ₆₆	2009 11 20.2	03 42.40 +21 47.8 18.7	-1.21	- 0.6	1.1/20.5	64328
2008 HO ₅₆	2009 11 20.2	03 42.41 +16 52.7 21.0	-1.15	- 2.1	1.1/19.8	41659
2005 YT ₃₁	2009 11 20.2	03 42.41 +39 14.1 19.7	-1.09	- 6.3	7.6/24.8	96690
2004 RN ₂₀₁	2009 11 20.2	03 42.44 +32 47.6 18.9	-1.07	- 1.6	4.9/22.5	64226
2005 SR ₁₃₄	2009 11 20.2	03 42.44 +14 40.8 20.7	-1.08	- 2.8	1.9/19.4	40142
2003 SV ₂₃₇	2009 11 20.2	03 42.47 +24 34.0 18.6	-0.92	- 1.1	1.7/21.0	64209
2005 WV ₁₈₅	2009 11 20.2	03 42.49 +17 18.6 17.2	-0.91	- 9.5	1.0/19.6	64278
2001 SD ₁₀₄	2009 11 20.2	03 42.50 +13 33.4 20.1	-1.00	- 5.1	2.3/19.0	90083
2004 YD ₁₁	2009 11 20.2	03 42.51 +21 08.1 19.8	-0.88	- 6.4	0.5/20.5	40692
2008 FR ₁₃₀	2009 11 20.2	03 42.54 +14 04.8 20.9	-1.10	- 0.6	2.1/19.4	43300
2005 OU ₁₁	2009 11 20.2	03 42.56 +24 48.0 20.8	-1.24	- 1.4	2.0/21.0	00964
2005 UQ ₁₁₂	2009 11 20.2	03 42.58 +25 25.6 19.4	-1.15	- 0.1	2.2/21.1	62446
2000 SJ ₁₃₇	2009 11 20.2	03 42.61 +15 52.3 18.3	-0.92	- 9.5	1.5/19.3	64156
2006 DP ₉₀	2009 11 20.2	03 42.63 +03 43.7 21.2	-0.75	- 3.5	4.4/17.1	53483
2004 XL ₉₇	2009 11 20.2	03 42.64 +35 18.9 19.9	-0.95	- 3.8	4.6/23.4	47332
2002 TF ₉₈	2009 11 20.2	03 42.64 +23 18.6 19.6	-1.17	- 3.3	1.5/20.9	40677
2005 WX ₁₁₅	2009 11 20.2	03 42.64 +13 43.1 18.3	-0.94	- 6.9	2.4/19.0	64276
2007 DN ₂₂	2009 11 20.2	03 42.67 +12 32.7 21.0	-1.06	- 3.9	2.8/18.9	19702
2005 UN ₁₄₀	2009 11 20.2	03 42.72 +16 55.1 20.9	-1.05	- 3.5	1.1/19.8	56032
2000 WG ₇₀	2009 11 20.2	03 42.74 +27 31.4 18.4	-0.94	-10.0	3.2/22.2	64157
2005 WN ₆₂	2009 11 20.2	03 42.79 +15 26.2 19.1	-0.97	- 3.5	1.9/19.5	64275
2002 AC ₄₇	2009 11 20.2	03 42.82 +13 43.3 19.7	-0.98	- 2.9	2.3/19.2	20757
2005 AB ₁₅	2009 11 20.2	03 42.84 +23 28.6 19.3	-0.90	- 2.0	1.3/20.9	59748
2001 XQ ₂₃₇	2009 11 20.2	03 42.85 +19 20.6 19.2	-1.07	+ 1.0	0.2/20.2	64175
2004 RJ ₁₈₁	2009 11 20.2	03 42.85 +24 53.4 19.4	-1.00	- 4.0	1.8/21.3	18091
1995 TQ ₉	2009 11 20.2	03 42.87 +29 56.9 21.1	-1.05	- 1.4	3.3/22.0	47127
2008 HF ₂₅	2009 11 20.2	03 42.87 +27 23.4 21.1	-1.24	- 2.1	3.0/21.6	41646
2005 SN ₂₃₁	2009 11 20.2	03 42.88 +25 56.7 20.7	-1.16	- 0.6	2.5/21.2	64257
2000 XE ₃₁	2009 11 20.2	03 42.88 +40 23.5 18.6	-1.07	- 6.2	8.6/25.3	64158

2004 XV ₈₀	2009 11 20.2	03 42.90 +28 03.8 18.7	-0.90	- 5.6	2.9/22.1	64238
2007 FH ₃₂	2009 11 20.3	03 42.83 +00 34.6 20.6	-0.92	- 1.7	5.8/16.9	22885
2005 RR ₃₀	2009 11 20.3	03 42.86 +21 15.4 20.2	-1.04	- 2.6	0.8/20.6	64251
2007 EW ₁₅₃	2009 11 20.3	03 42.90 +34 48.6 20.6	-1.21	- 0.1	5.4/22.6	41867
2005 TZ ₁₅₄	2009 11 20.3	03 42.93 +31 27.8 19.6	-1.15	- 1.6	5.4/22.3	22798
2005 SD ₂₂₁	2009 11 20.3	03 43.01 +27 09.4 20.5	-1.15	- 1.5	3.1/21.5	11134
2004 RO ₃₄₆	2009 11 20.3	03 43.03 +10 48.6 19.2	-0.86	- 7.4	3.2/18.3	64228
2006 DY ₁₇₇	2009 11 20.3	03 43.04 +05 20.6 21.0	-0.79	- 2.8	4.5/17.7	64294
2004 JH ₁₆	2009 11 20.3	03 43.04 +15 13.0 21.2	-1.03	- 3.4	1.5/19.5	62392
2007 MD ₅	2009 11 20.3	03 43.07 +06 32.4 19.8	-0.78	- 6.1	4.1/17.4	64323
2008 SY ₂₆₁	2009 11 20.3	03 43.08 +16 14.2 20.2	-0.56	- 2.0	0.7/19.7	64338
1999 TN ₄	2009 11 20.3	03 43.08 +29 21.7 19.2	-1.35	- 0.3	4.4/21.8	64148
2004 EA ₆	2009 11 20.3	03 43.09 +13 44.1 20.5	-1.11	- 1.5	2.2/19.4	14090
2001 XD ₁₅₅	2009 11 20.3	03 43.16 +13 33.3 18.0	-0.93	- 2.3	3.0/19.3	64174
2005 MU ₁₇	2009 11 20.3	03 43.18 +13 16.7 19.1	-1.03	- 2.0	3.2/19.3	64242
2005 QX ₁₃₁	2009 11 20.3	03 43.18 +19 07.0 19.2	-1.09	- 0.8	0.3/20.3	64250
2005 YN ₂₆₄	2009 11 20.3	03 43.21 +29 49.4 20.5	-1.00	- 3.1	3.2/22.2	46356
2006 FG ₂₆	2009 11 20.3	03 43.23 +28 47.8 21.0	-0.93	- 1.2	2.4/21.9	02311
2004 OQ ₁₀	2009 11 20.3	03 43.23 +15 34.0 18.9	-0.97	-12.0	1.7/19.3	64221
2008 RC ₅₄	2009 11 20.3	03 43.23 +30 58.9 20.2	-0.93	- 3.6	3.5/22.6	58155
2007 BL ₁₀	2009 11 20.3	03 43.30 +24 31.3 19.7	-1.12	- 5.4	2.3/21.3	38125
2003 GX ₂₄	2009 11 20.4	03 43.31 +49 45.7 20.6	-2.41	+13.8	16.5/20.3	40372
2004 RU ₂₆₈	2009 11 20.4	03 43.32 +21 21.7 20.6	-0.97	- 3.4	0.6/20.7	41814
2002 QK ₄₈	2009 11 20.4	03 43.32 -09 39.7 21.7	-0.75	- 1.5	6.8/14.9	21319
2001 SX ₁₉₃	2009 11 20.4	03 43.38 +15 55.7 21.2	-1.05	- 3.6	1.5/19.8	94091
2008 RD ₆₀	2009 11 20.4	03 43.39 +03 36.5 20.1	-0.78	- 4.2	5.0/17.2	59812
2007 LV ₂₀	2009 11 20.4	03 43.41 -04 32.8 20.1	-0.80	- 0.7	7.4/16.4	64323
2005 YW ₃₁	2009 11 20.4	03 43.46 +02 44.9 20.1	-0.96	+ 0.3	6.6/17.9	98038
2004 RX ₂₉₄	2009 11 20.4	03 43.46 +28 25.2 20.6	-1.03	- 2.5	3.2/22.0	00779
2002 CD ₈₈	2009 11 20.4	03 43.46 +04 44.6 19.9	-0.91	- 1.7	5.0/17.9	41778
2006 AM ₄₆	2009 11 20.4	03 43.48 -01 30.9 19.8	-0.88	- 0.5	6.9/17.1	64287
2002 NU ₅₉	2009 11 20.4	03 43.51 +30 58.8 20.1	-0.90	- 3.9	3.3/22.8	47218
2006 GL ₃₉	2009 11 20.4	03 43.52 +12 40.0 20.6	-0.85	- 0.2	1.9/19.3	64295
2007 DL ₆₇	2009 11 20.4	03 43.52 +13 49.6 19.2	-0.99	- 1.6	3.0/19.5	22878
2002 NQ ₆₀	2009 11 20.4	03 43.56 +19 11.9 20.6	-0.80	- 4.1	0.1/20.4	64187
2006 BP ₁₀₂	2009 11 20.4	03 43.58 +05 43.8 20.5	-0.81	- 2.7	4.2/17.9	64289
1997 TH	2009 11 20.4	03 43.59 +10 41.6 21.7	-0.78	- 4.6	2.5/18.6	60492
2001 HB ₂₆	2009 11 20.4	03 43.61 +19 54.8 21.0	-0.84	- 1.6	0.0/20.5	64160
2007 EY ₂₀₅	2009 11 20.4	03 43.62 +02 30.9 21.5	-0.86	- 3.6	5.0/17.2	46520
2004 RC ₃₃₆	2009 11 20.4	03 43.64 +30 04.1 20.5	-1.05	- 2.3	3.3/22.3	40689
2006 AV ₁₄	2009 11 20.4	03 43.66 +04 46.6 19.6	-0.92	- 1.2	5.7/18.0	62474
2008 HB ₅₄	2009 11 20.4	03 43.68 +14 47.5 21.6	-1.07	- 5.1	1.9/19.6	40606
2007 GD ₁₂	2009 11 20.4	03 43.68 -01 40.4 20.7	-0.86	- 3.4	6.9/16.4	58566
2005 SR ₂₂	2009 11 20.4	03 43.70 +16 22.1 20.2	-1.09	- 2.2	1.3/19.9	64252
2003 GH ₃₅	2009 11 20.4	03 43.72 +10 13.9 20.4	-0.90	- 4.4	3.0/18.7	69506
2005 AR ₅₄	2009 11 20.4	03 43.75 +25 41.1 18.3	-1.07	+ 2.8	2.3/21.2	64240
2005 TA ₁₂₃	2009 11 20.5	03 43.71 +07 51.3 19.6	-0.99	- 7.0	4.6/17.9	64259
2004 PK ₁₁₅	2009 11 20.5	03 43.72 +03 52.0 20.1	-1.03	+ 2.0	5.7/18.7	40687
2005 QD ₄₉	2009 11 20.5	03 43.73 +08 03.8 20.9	-1.06	- 3.4	4.2/18.5	62427
2002 XQ ₆₀	2009 11 20.5	03 43.78 +17 12.8 18.3	-1.09	- 0.6	1.2/20.2	63651
2007 BF ₆	2009 11 20.5	03 43.79 +07 29.6 19.9	-1.02	- 4.4	4.9/18.2	64303

2003 SC ₃₂₂	2009 11 20.5	03 43.79 +35 27.7 19.1	-1.16	+ 2.5	5.9/22.4	64210
2006 EV ₁₇	2009 11 20.5	03 43.81 +30 54.7 21.1	-0.94	- 1.6	3.1/22.5	53487
2008 GA ₇₄	2009 11 20.5	03 43.81 +13 43.1 21.0	-1.10	- 1.5	2.2/19.6	41922
2006 AF ₄₂	2009 11 20.5	03 43.86 +21 11.6 20.3	-0.89	- 3.5	0.4/20.8	64286
1999 CQ ₁₃₂	2009 11 20.5	03 43.88 +16 27.5 20.2	-1.04	- 3.2	1.3/20.0	64148
2006 DT ₄₀	2009 11 20.5	03 43.88 +16 58.5 19.9	-0.88	- 1.4	0.9/20.1	63795
2002 QO ₁₀	2009 11 20.5	03 43.89 -13 01.3 22.1	-0.73	- 2.3	7.5/14.1	35816
2007 AF ₃₀	2009 11 20.5	03 43.89 +25 36.2 21.5	-1.11	- 4.0	2.1/21.6	41858
2006 DJ ₄₉	2009 11 20.5	03 43.91 +30 35.6 20.1	-1.07	- 1.1	4.1/22.3	60861
2004 RX ₁₁₉	2009 11 20.5	03 43.94 +09 06.0 21.0	-0.92	- 3.2	3.7/18.6	64224
2006 DC ₅₁	2009 11 20.5	03 44.06 +04 21.3 19.9	-0.80	- 3.3	4.9/17.6	51027
2004 PH ₁₆	2009 11 20.5	03 44.09 +01 26.1 18.4	-0.87	- 1.3	7.8/17.6	95263
2001 SC ₂₆₉	2009 11 20.5	03 44.10 +22 40.3 20.0	-1.06	- 2.4	1.3/21.1	62320
2005 RA ₅	2009 11 20.5	03 44.12 +28 53.0 19.1	-1.05	- 4.6	4.3/22.4	97803
2003 SM ₂₂₄	2009 11 20.5	03 44.15 +33 21.1 20.6	-1.00	- 0.9	4.0/23.0	10987
2007 HH ₃₂	2009 11 20.5	03 44.15 +21 49.1 20.4	-0.95	- 2.6	0.7/21.0	62520
2003 SQ ₁₁₁	2009 11 20.5	03 44.22 +54 19.9 18.7	-1.79	+12.3	15.7/21.2	64208
2000 DA ₇₂	2009 11 20.6	03 44.08 +17 20.7 20.3	-0.90	- 2.9	0.8/20.2	64152
2008 PH ₈	2009 11 20.6	03 44.08 +21 33.9 20.7	-0.87	- 3.9	0.5/21.0	64335
2001 UT ₁₀₈	2009 11 20.6	03 44.11 +18 35.5 18.3	-1.15	+ 2.4	0.5/20.5	64168
2007 HG ₁₃	2009 11 20.6	03 44.11 +11 55.1 20.4	-0.95	- 3.0	2.6/19.2	64320
1999 RW ₂₁₆	2009 11 20.6	03 44.13 +13 50.6 19.9	-0.90	- 3.6	2.1/19.5	47134
2007 LP ₃₆	2009 11 20.6	03 44.14 +04 38.6 20.5	-0.80	- 2.0	4.5/17.9	47437
1998 RQ ₉	2009 11 20.6	03 44.16 +11 44.6 20.6	-1.04	- 3.6	3.5/19.2	64146
2005 QK ₇₈	2009 11 20.6	03 44.18 +24 58.9 19.0	-1.11	- 3.7	2.3/21.5	64249
2003 SF ₂₆₄	2009 11 20.6	03 44.18 +17 09.8 19.9	-0.87	- 2.2	0.9/20.2	64209
2002 TE ₃₈₄	2009 11 20.6	03 44.19 +14 06.4 21.0	-1.11	- 3.2	2.4/19.7	46010
2005 NO ₂₆	2009 11 20.6	03 44.29 +19 05.3 19.7	-1.12	- 4.9	0.3/20.5	64244
2004 SN ₄₅	2009 11 20.6	03 44.30 +26 11.0 19.7	-1.00	- 3.3	2.2/21.8	64228
1994 RW ₈	2009 11 20.6	03 44.32 +31 48.9 20.5	-1.04	- 2.0	4.1/22.8	93685
2007 HL ₃₃	2009 11 20.6	03 44.34 +22 39.9 19.0	-1.15	+ 1.7	1.1/21.0	63836
2002 CJ ₁₉₈	2009 11 20.6	03 44.35 +07 17.7 20.0	-0.89	- 2.4	4.0/18.5	47203
2007 CC ₃₉	2009 11 20.6	03 44.40 +14 34.4 19.5	-1.05	- 3.9	2.5/19.7	64306
2002 FF ₃₂	2009 11 20.6	03 44.46 +33 59.9 19.0	-1.19	+ 0.8	5.5/22.6	64184
2002 LO	2009 11 20.6	03 44.47 +14 36.0 19.3	-0.85	- 8.4	1.5/19.5	64186
2005 YS ₅₂	2009 11 20.6	03 44.48 +21 33.2 19.1	-0.95	- 4.8	0.7/21.0	64281
2002 AM ₁₉₀	2009 11 20.6	03 44.51 +19 11.1 18.7	-1.01	0.0	0.3/20.6	64179
2006 BC ₂₇₆	2009 11 20.6	03 44.52 +19 29.7 21.0	-0.91	- 2.1	0.1/20.6	64291
2005 YC ₂₂₃	2009 11 20.6	03 44.54 +19 24.1 20.7	-0.97	- 2.4	0.1/20.6	64285
2004 RX ₆₂	2009 11 20.6	03 44.57 +19 23.4 18.9	-0.94	- 3.6	0.2/20.6	64224
2002 SE ₇	2009 11 20.6	03 44.58 +09 11.3 19.2	-0.99	- 6.3	4.9/18.5	64192
2006 DE ₆	2009 11 20.7	03 44.55 +05 31.6 19.6	-0.84	- 1.0	4.4/18.4	64292
2004 SV ₃₅	2009 11 20.7	03 44.57 +30 55.1 20.3	-1.06	- 3.8	3.8/22.8	47313
2007 DY ₂₄	2009 11 20.7	03 44.58 +20 45.1 21.5	-1.08	- 3.5	0.3/20.9	19702
2007 CS ₆₁	2009 11 20.7	03 44.58 +23 18.2 20.2	-1.12	- 3.3	1.3/21.3	43273
2008 QG ₄₀	2009 11 20.7	03 44.58 +38 45.6 20.5	-1.03	- 1.7	5.9/24.2	47459
2006 DE ₁₆	2009 11 20.7	03 44.59 -01 10.4 21.2	-0.83	- 1.7	6.6/17.0	21627
2005 XW ₁₀₁	2009 11 20.7	03 44.62 +26 36.0 20.7	-0.95	- 3.4	2.2/22.0	11152
2002 CH ₂₂₈	2009 11 20.7	03 44.63 +21 34.7 18.7	-0.98	- 5.8	0.8/21.1	00182
2005 RZ ₂₀	2009 11 20.7	03 44.65 +24 00.9 19.3	-1.08	- 6.2	1.8/21.6	64251
2008 KL ₁	2009 11 20.7	03 44.67 +07 44.3 21.2	-1.04	+ 1.1	4.1/19.2	40619

2003 NZ ₄	2009 11 20.7	03 44.68 +03 55.3 20.8	-0.90	0.0	4.5/18.4	41790
2006 BJ ₂₆₁	2009 11 20.7	03 44.70 +16 48.5 19.7	-0.87	- 2.5	1.0/20.2	64291
2003 UV ₁₇	2009 11 20.7	03 44.72 +43 54.2 19.0	-1.41	+ 5.1	8.3/22.9	77723
2006 AP ₄₉	2009 11 20.7	03 44.73 +13 46.7 19.9	-0.97	- 1.1	2.3/19.8	64287
2007 JJ ₃₁	2009 11 20.7	03 44.77 +14 12.0 19.6	-0.93	- 9.4	2.3/19.4	64322
2006 AL ₁₀₂	2009 11 20.7	03 44.77 +04 31.6 19.9	-0.86	- 2.2	5.2/18.0	41839
2002 JK ₈₅	2009 11 20.7	03 44.80 +15 46.7 18.9	-0.86	- 6.7	1.3/19.9	64185
2003 SM ₂₄₄	2009 11 20.7	03 44.81 +02 21.1 20.0	-0.79	- 5.8	5.7/17.0	59709
2004 RU ₃₃₄	2009 11 20.7	03 44.88 +06 43.5 19.3	-0.93	- 1.2	4.9/18.7	64228
2001 VL ₅₅	2009 11 20.7	03 44.94 +24 18.4 18.5	-0.75	- 4.2	1.3/21.7	64170
2000 SX ₂₅	2009 11 20.7	03 44.96 +01 57.7 19.4	-0.91	- 5.7	6.5/17.2	64155
2004 RW ₃₁₃	2009 11 20.7	03 45.00 +27 21.6 19.8	-1.03	- 2.2	2.7/22.1	59738
2005 TH ₂₉	2009 11 20.8	03 44.92 +18 59.1 20.3	-1.07	- 4.2	0.3/20.7	64258
2000 FC ₃	2009 11 20.8	03 44.92 -24 39.8 19.6	-1.26	+ 3.6	20.0/14.6	39141
2005 VJ ₃₂	2009 11 20.8	03 44.92 +18 52.4 19.1	-1.00	- 8.7	0.4/20.6	64272
2003 WL ₁₇₈	2009 11 20.8	03 44.96 +21 14.5 20.8	-0.88	- 1.3	0.4/21.0	47282
2003 SK ₁₇₅	2009 11 20.8	03 44.97 +31 07.5 20.5	-0.99	- 1.5	3.7/23.0	95087
2005 NH ₃₆	2009 11 20.8	03 45.00 +10 46.2 18.8	-0.94	- 1.8	4.7/19.4	64244
2000 SL ₃₁₅	2009 11 20.8	03 45.01 +21 49.6 18.4	-0.93	-10.4	0.8/21.3	63613
2006 AC ₁₀₅	2009 11 20.8	03 45.05 +33 44.5 20.4	-1.02	- 1.8	4.6/23.3	41840
2004 NV ₆	2009 11 20.8	03 45.11 +03 00.8 18.6	-0.93	- 0.7	6.3/18.4	64220
2007 CE ₂₃	2009 11 20.8	03 45.12 +15 21.3 20.5	-1.04	- 2.9	1.6/20.1	64306
2006 MZ ₁₃	2009 11 20.8	03 45.12 +00 31.4 19.2	-1.62	+ 8.4	8.6/20.2	64296
2004 TZ ₁₉	2009 11 20.8	03 45.13 +30 30.6 19.7	-1.10	- 0.5	3.5/22.5	59741
2001 SW ₂₄₀	2009 11 20.8	03 45.15 +01 30.3 20.9	-0.96	- 5.3	7.4/17.3	40670
2000 DO ₂₆	2009 11 20.8	03 45.15 +21 40.0 20.1	-0.90	- 2.8	0.6/21.2	64152
2003 AR ₉₂	2009 11 20.8	03 45.15 +17 04.1 19.8	-1.08	- 2.1	1.1/20.4	64200
2000 SO ₁₄₃	2009 11 20.8	03 45.15 +16 51.8 19.0	-0.92	- 7.4	1.2/20.2	64156
2004 RD ₁₉₆	2009 11 20.8	03 45.16 +18 16.5 19.5	-0.93	- 5.9	0.6/20.5	64226
2003 CJ ₁₂	2009 11 20.8	03 45.17 +26 37.8 19.6	-1.09	- 4.4	3.0/22.1	18042
2005 WT ₁₁₉	2009 11 20.8	03 45.20 +20 05.1 19.4	-1.03	- 1.1	0.1/20.9	98002
2007 DX ₈₂	2009 11 20.8	03 45.21 +20 20.5 21.2	-1.06	- 3.5	0.2/20.9	20541
2005 QZ ₅₄	2009 11 20.8	03 45.28 +16 45.6 20.0	-1.11	- 2.3	1.3/20.4	64248
2003 UE ₃₄₀	2009 11 20.8	03 45.28 +19 15.6 21.1	-0.85	- 2.2	0.2/20.8	58462
2004 OH ₇	2009 11 20.8	03 45.29 +08 55.6 19.9	-0.97	- 2.0	3.9/19.1	64221
2007 EX ₉₁	2009 11 20.8	03 45.35 +31 10.4 18.8	-1.12	- 4.1	5.4/23.1	64313
2001 VC ₇₁	2009 11 20.8	03 45.35 +25 49.3 17.9	-1.00	- 3.8	2.8/22.0	64170
2005 UF ₈₇	2009 11 20.8	03 45.36 +17 22.6 20.3	-1.04	- 2.8	0.9/20.5	64263
2007 LJ ₁₆	2009 11 20.8	03 45.36 +03 31.7 20.4	-0.82	- 1.7	5.1/18.1	55330
2000 SV ₁₄₂	2009 11 20.8	03 45.39 +18 28.5 18.1	-0.91	-10.5	0.5/20.6	64156
2008 TG ₁₀₁	2009 11 20.9	03 45.33 +29 10.3 20.6	-0.64	- 0.6	1.8/22.6	49087
2001 YV ₉₆	2009 11 20.9	03 45.34 +08 08.0 18.7	-0.81	- 0.5	6.3/19.0	64176
2003 RF ₂₃	2009 11 20.9	03 45.34 +04 25.9 20.1	-0.81	- 3.1	4.6/18.1	47255
1998 SX ₇₉	2009 11 20.9	03 45.34 +10 31.6 19.0	-0.97	- 5.7	4.3/19.0	64147
2005 XS ₂₆	2009 11 20.9	03 45.36 +32 20.0 20.4	-1.00	- 4.9	3.7/23.5	43245
2008 LW ₁₁	2009 11 20.9	03 45.36 +11 17.4 21.2	-1.04	- 3.8	3.2/19.4	41696
2005 SP ₁₇	2009 11 20.9	03 45.36 +22 23.6 20.6	-1.12	- 2.9	0.9/21.3	22794
2007 FB ₁₁	2009 11 20.9	03 45.36 +11 25.3 21.2	-0.88	- 5.9	2.5/19.1	55316
2004 VK ₂₅	2009 11 20.9	03 45.38 +24 14.9 19.5	-0.93	- 4.6	1.6/21.8	59747
1999 BO ₃₀	2009 11 20.9	03 45.39 +13 43.1 20.1	-1.03	- 2.0	2.3/19.9	16125
2006 GU ₅₀	2009 11 20.9	03 45.44 +00 37.2 20.0	-0.84	- 1.2	5.9/17.6	03892

1995 SY ₆₄	2009 11 20.9	03 45.47 +16 49.5 20.0	-1.03	- 5.5	1.5/20.3	64144
2007 EK ₄₂	2009 11 20.9	03 45.48 +30 55.2 20.5	-1.10	- 1.5	3.8/22.7	41865
2007 EU ₁₀₂	2009 11 20.9	03 45.49 +24 46.4 22.0	-1.08	- 1.4	1.7/21.7	20855
1999 VN ₁₃₈	2009 11 20.9	03 45.53 +17 12.7 20.7	-1.16	- 0.7	1.3/20.6	63605
2001 UM ₁₆₀	2009 11 20.9	03 45.54 +16 21.9 18.6	-0.88	- 8.5	1.7/20.1	64168
2006 CC ₅	2009 11 20.9	03 45.55 +01 52.9 20.1	-0.83	- 1.9	5.5/17.8	43258
2007 EP ₅	2009 11 20.9	03 45.57 +30 33.7 20.3	-1.19	- 2.5	5.0/22.7	41864
2005 SJ ₁₆₅	2009 11 20.9	03 45.58 +21 23.7 19.4	-1.06	- 2.0	0.7/21.2	64255
2008 OD ₂₀	2009 11 20.9	03 45.63 +26 03.7 21.2	-0.87	- 2.4	1.7/22.1	46592
2005 SF ₁₅₈	2009 11 20.9	03 45.67 +23 04.8 20.8	-1.13	- 3.8	1.3/21.5	95884
2001 TW ₁₆₂	2009 11 20.9	03 45.71 +23 13.1 20.3	-1.09	- 3.5	1.2/21.6	30130
2001 FK ₁₈₄	2009 11 20.9	03 45.71 +06 36.2 21.2	-0.80	- 3.8	3.9/18.4	62314
2004 TL ₁₆₅	2009 11 20.9	03 45.75 +17 36.4 19.9	-0.92	- 4.6	0.8/20.5	64232
2007 BB ₁₀	2009 11 20.9	03 45.77 +27 23.3 20.4	-1.18	- 2.4	3.3/22.2	14539
2001 XS ₁₉₁	2009 11 20.9	03 45.80 +22 41.6 19.1	-0.99	- 5.2	1.0/21.5	59674
2004 TM ₂₂₅	2009 11 21.0	03 45.75 +04 59.5 21.0	-0.87	- 4.8	4.4/18.0	64233
2000 DF ₉₁	2009 11 21.0	03 45.76 +25 38.8 21.1	-0.85	- 2.6	1.5/22.1	47143
2002 NW ₆₂	2009 11 21.0	03 45.76 +27 12.0 19.8	-0.92	- 2.6	2.4/22.3	64187
2005 SJ ₆₄	2009 11 21.0	03 45.77 +29 00.0 19.2	-1.18	- 1.2	4.0/22.5	59757
2006 BU ₂₄₇	2009 11 21.0	03 45.77 +11 55.2 20.2	-0.86	- 2.2	2.5/19.6	64291
2007 FU ₃₅	2009 11 21.0	03 45.77 +58 16.3 21.1	-1.86	+ 0.2	13.8/26.9	46525
2003 SK ₄₀₁	2009 11 21.0	03 45.79 +05 13.0 19.9	-0.80	- 0.8	4.1/18.6	49879
2004 NB ₁₇	2009 11 21.0	03 45.81 -00 41.4 19.3	-0.94	- 0.6	8.1/17.9	64220
2002 TV ₂₁₇	2009 11 21.0	03 45.84 +16 43.3 20.9	-1.13	- 2.5	1.2/20.5	39175
2005 RC ₃	2009 11 21.0	03 45.89 +15 34.1 20.1	-1.10	- 1.7	1.6/20.4	40693
2005 SF ₁₈₈	2009 11 21.0	03 45.91 +16 06.6 21.0	-1.05	- 4.0	1.5/20.4	22519
2003 QO ₇₄	2009 11 21.0	03 45.93 +46 25.9 20.6	-1.17	- 4.2	9.5/27.5	21797
2007 LB ₃₇	2009 11 21.0	03 45.94 +02 02.4 21.2	-0.76	- 3.7	5.0/17.5	46563
2002 CM ₂₃₉	2009 11 21.0	03 45.95 +28 15.7 19.1	-1.05	- 2.9	3.8/22.5	02079
2005 UO ₄₈₈	2009 11 21.0	03 45.98 +23 44.9 20.1	-1.07	- 4.6	1.7/21.8	64271
2002 SA ₆₀	2009 11 21.0	03 46.00 +17 53.7 20.2	-1.21	- 1.2	0.8/20.8	64192
2004 RH ₁₃	2009 11 21.0	03 46.00 +35 34.5 20.0	-1.19	- 0.4	5.3/23.6	40687
2007 MS ₆	2009 11 21.0	03 46.00 +02 35.8 21.2	-0.80	- 3.0	5.2/17.8	43285
2007 ER ₁₁	2009 11 21.0	03 46.02 +13 56.6 19.7	-1.06	- 4.5	2.6/20.0	64311
2001 SZ ₈₆	2009 11 21.0	03 46.03 +08 00.4 20.1	-0.93	- 5.4	5.5/18.8	64163
2004 JW ₂₅	2009 11 21.0	03 46.03 +19 29.4 19.0	-1.05	- 5.8	0.2/21.0	64220
2004 BM ₉₉	2009 11 21.0	03 46.04 +08 40.6 20.2	-1.06	- 2.4	4.2/19.2	86244
2002 PU ₁₈₉	2009 11 21.0	03 46.08 +14 26.8 20.1	-1.13	- 2.4	2.5/20.2	58809
2004 FR ₈₅	2009 11 21.0	03 46.08 +12 03.5 21.3	-1.10	- 2.1	2.9/19.8	41144
2005 SS ₂₃₉	2009 11 21.0	03 46.09 +20 32.1 18.3	-1.00	- 9.1	0.3/21.2	64257
2004 HX ₃₀	2009 11 21.0	03 46.11 +13 51.7 20.8	-1.06	- 3.4	2.2/20.0	41806
2008 OX ₂₀	2009 11 21.0	03 46.11 -04 25.7 19.6	-0.81	- 4.2	8.5/15.6	63861
2007 JG ₄₄	2009 11 21.0	03 46.15 +12 20.8 20.2	-0.80	- 7.7	2.0/19.3	64322
2002 DD ₁₁	2009 11 21.0	03 46.16 +18 25.5 20.9	-0.98	+ 0.1	0.4/20.9	21313
2004 CS ₉₅	2009 11 21.0	03 46.24 +25 01.8 20.5	-1.17	- 2.7	1.8/21.9	41804
2006 BL ₂₆₃	2009 11 21.0	03 46.27 +43 13.1 20.3	-1.13	- 1.3	7.1/25.4	47385
2003 UX ₇	2009 11 21.1	03 46.16 +27 42.5 20.2	-0.98	- 0.4	2.4/22.3	60350
2008 PU ₇	2009 11 21.1	03 46.18 +30 54.7 20.0	-0.93	- 4.7	3.4/23.4	47449
2005 NA ₆₅	2009 11 21.1	03 46.18 +07 40.5 20.9	-1.08	- 2.5	4.9/19.2	87706
2004 PY ₁₀₄	2009 11 21.1	03 46.20 +34 32.6 21.2	-1.11	- 6.1	4.8/24.3	97724
2005 VV ₈₉	2009 11 21.1	03 46.21 +26 03.4 20.5	-1.02	- 8.4	2.1/22.5	97971

2003 EA ₅₈	2009 11 21.1	03 46.26 -03 59.9 20.0	-0.90 - 1.4	7.1/17.0	59695
2004 GA ₂₃	2009 11 21.1	03 46.27 +19 30.9 20.4	-1.08 - 2.8	0.1/21.1	90197
2002 AG ₁₅₈	2009 11 21.1	03 46.27 +04 57.8 18.8	-0.90 - 2.4	6.6/18.5	64178
2003 UN ₅₂	2009 11 21.1	03 46.30 +42 59.6 19.1	-1.08 - 1.6	7.5/25.5	59713
2008 FO ₁₂₆	2009 11 21.1	03 46.35 +05 49.6 18.8	-0.93 - 7.8	6.3/18.1	63850
2005 SR ₅₆	2009 11 21.1	03 46.36 +09 12.9 19.5	-0.86 - 4.2	5.5/19.1	64253
2007 JS ₂₁	2009 11 21.1	03 46.39 +19 52.0 19.9	-0.91 - 2.1	0.0/21.1	64322
2002 EM ₆₂	2009 11 21.1	03 46.45 +02 23.1 19.9	-0.85 - 5.0	5.7/17.5	20763
2006 ET ₆₉	2009 11 21.1	03 46.50 +48 12.6 21.5	-1.12 - 0.5	6.0/26.2	26756
2006 YH ₈	2009 11 21.1	03 46.51 +25 45.9 20.6	-1.13 - 4.3	2.2/22.2	59784
2001 RP ₂₀	2009 11 21.1	03 46.53 +23 15.0 18.9	-1.07 - 3.7	1.5/21.8	64162
2005 YJ ₁₀₃	2009 11 21.1	03 46.55 +39 42.6 20.7	-1.11 - 7.4	6.0/25.8	56038
2006 TU ₁₀₇	2009 11 21.1	03 46.55 +19 38.2 20.2	-0.54 - 3.5	0.0/21.1	64297
2007 EX ₁₁	2009 11 21.1	03 46.64 +18 09.7 20.8	-1.07 - 2.4	0.6/20.9	64311
2005 MU ₃₆	2009 11 21.1	03 46.69 +17 22.5 20.3	-1.17 - 2.6	1.1/20.8	64243
2006 XQ ₄₉	2009 11 21.2	03 46.58 +15 04.8 21.3	-1.06 - 2.7	1.7/20.4	60883
2001 SD ₃₀₇	2009 11 21.2	03 46.59 +23 49.7 19.5	-1.08 - 2.2	1.7/21.8	19546
2007 BC ₆₁	2009 11 21.2	03 46.61 +28 58.4 20.9	-1.20 - 4.6	4.0/22.9	16388
2718 P-L	2009 11 21.2	03 46.63 +23 46.2 19.3	-1.04 - 2.7	1.8/21.9	57547
2005 ND ₄₃	2009 11 21.2	03 46.63 +15 35.4 20.5	-1.10 - 4.6	1.7/20.4	64244
2008 SX ₂₇₄	2009 11 21.2	03 46.64 +18 17.1 20.2	-0.57 - 1.2	0.3/20.9	64338
2001 VH ₁₁₅	2009 11 21.2	03 46.65 +23 51.0 18.7	-1.01 - 7.0	1.5/22.0	64170
2008 DH ₄₀	2009 11 21.2	03 46.67 -17 22.7 20.8	-1.12 -10.1	17.4/10.0	40198
2001 WT ₁₀₀	2009 11 21.2	03 46.68 +21 07.3 19.7	-1.04 - 3.0	0.5/21.4	64172
2006 DT ₂₁₁	2009 11 21.2	03 46.68 +31 15.1 22.0	-0.99 - 1.1	3.3/23.0	02303
2007 HJ ₇	2009 11 21.2	03 46.70 +29 25.7 20.7	-1.02 + 1.1	2.4/22.6	21364
2005 SH ₁₁₅	2009 11 21.2	03 46.71 +20 10.9 21.2	-1.09 - 3.7	0.1/21.3	39769
2008 SZ ₃₈	2009 11 21.2	03 46.71 +07 12.9 20.0	-0.53 - 2.7	2.4/18.6	64337
2000 QO ₅₂	2009 11 21.2	03 46.72 +43 51.8 18.4	-1.27 - 2.5	10.5/26.4	4992
2007 HE ₈₆	2009 11 21.2	03 46.77 +12 10.6 21.7	-0.83 - 1.8	2.2/19.9	20664
2001 UV ₂₇	2009 11 21.2	03 46.79 +27 17.2 20.0	-1.15 - 1.6	2.5/22.4	48845
2007 HP ₇₉	2009 11 21.2	03 46.81 +18 12.5 21.9	-0.81 - 3.1	0.4/20.9	47432
2002 JM ₁₁₃	2009 11 21.2	03 46.82 +24 51.1 20.6	-0.90 - 3.8	1.3/22.2	64186
2007 GR ₇₅	2009 11 21.2	03 46.83 +10 51.0 19.4	-0.95 + 2.0	3.0/20.2	55322
2000 AT ₂₅₃	2009 11 21.2	03 46.84 +09 49.9 20.1	-0.54 - 1.2	1.9/19.4	64151
2000 DU ₅	2009 11 21.2	03 46.85 +13 47.2 18.3	-1.58 +11.6	3.0/21.1	64152
2005 QY	2009 11 21.2	03 46.86 +31 56.5 20.5	-1.25 - 2.6	5.0/23.3	39219
2006 QX ₃₀	2009 11 21.2	03 46.87 -23 15.9 20.1	-1.15 - 3.2	19.1/11.2	38088
2003 XA ₁₁	2009 11 21.2	03 46.88 +09 54.2 18.9	-0.94 + 2.7	3.3/20.1	47283
2008 TH ₁₇₃	2009 11 21.2	03 46.88 +17 29.3 21.0	-0.54 - 1.9	0.4/20.8	64339
2006 AU ₂	2009 11 21.2	03 46.89 +14 13.9 19.5	-1.07 + 1.7	2.1/20.6	64286
2005 QG ₁₈₁	2009 11 21.2	03 46.89 +16 44.9 20.1	-1.06 - 2.1	1.5/20.8	11125
2001 NU ₈	2009 11 21.2	03 46.90 +31 12.3 19.1	-1.18 - 3.2	4.8/23.3	59663
2002 AT ₁₀₇	2009 11 21.2	03 46.91 +31 15.0 18.5	-1.03 - 4.4	5.1/23.5	94509
2007 CU ₄₂	2009 11 21.2	03 46.92 +31 38.8 20.8	-1.21 - 3.5	4.8/23.0	17701
2001 KA ₂₉	2009 11 21.2	03 46.96 +19 09.4 19.5	-1.09 -10.8	0.3/21.1	41764
2003 FO ₂₁	2009 11 21.2	03 46.97 +09 13.8 21.4	-0.98 + 0.2	3.3/19.8	04253
2005 QF ₁₀	2009 11 21.2	03 47.01 +21 16.1 20.5	-1.13 - 3.6	0.6/21.5	90223
2001 SH ₁₆₂	2009 11 21.2	03 47.05 +57 46.1 19.6	-2.39 + 6.6	18.9/25.0	39152
2005 NG ₁₂₃	2009 11 21.2	03 47.11 +19 52.9 20.6	-1.11 - 5.8	0.0/21.3	63711
2007 DL ₂₁	2009 11 21.3	03 47.01 +25 49.4 20.2	-1.06 - 2.6	2.0/22.3	64308

2004 EQ ₉₈	2009 11 21.3	03 47.02 -00 41.3 18.6	-0.96 - 3.2	10.0/17.8	62388
2004 NX ₁₉	2009 11 21.3	03 47.02 -03 14.9 20.7	-0.96 - 0.4	8.1/18.0	41149
2003 QR ₇	2009 11 21.3	03 47.08 -06 24.0 19.5	-0.79 - 2.1	9.8/16.6	64205
2005 QE ₁₈₃	2009 11 21.3	03 47.13 +24 45.6 19.4	-1.05 - 6.1	2.2/22.3	64251
2003 SE ₃₂₉	2009 11 21.3	03 47.13 +34 42.8 20.4	-1.02 - 1.3	4.9/23.9	08768
2003 SK ₂₇₄	2009 11 21.3	03 47.15 +12 18.1 20.4	-0.80 - 4.4	2.2/19.8	64209
2005 YT ₁₄₄	2009 11 21.3	03 47.16 +16 46.2 19.9	-0.93 - 2.0	1.1/20.8	64283
2003 SQ ₃₂₈	2009 11 21.3	03 47.17 +08 47.6 21.3	-0.80 - 3.8	3.2/19.2	38856
2006 BS ₂₅₀	2009 11 21.3	03 47.19 -07 20.7 21.2	-0.75 - 1.9	7.0/16.2	22537
2008 HC ₂₁	2009 11 21.3	03 47.20 +11 10.4 21.0	-1.10 - 2.5	3.4/19.9	40014
2005 TV ₅₅	2009 11 21.3	03 47.20 +21 09.2 20.2	-1.13 - 1.6	0.5/21.5	58513
2001 VQ ₁₁₁	2009 11 21.3	03 47.21 +21 09.9 19.0	-1.01 - 2.9	0.5/21.5	64170
2004 RD ₁₇₈	2009 11 21.3	03 47.21 +17 40.3 19.0	-0.93 - 5.6	0.8/20.9	64225
2002 TV ₅₈	2009 11 21.3	03 47.22 +09 03.7 19.9	-1.02 - 6.1	4.8/19.2	64193
2008 QN ₁₆	2009 11 21.3	03 47.24 +37 25.6 20.8	-1.03 - 1.2	4.9/24.4	49036
2009 SP ₁₄₈	2009 11 21.3	03 47.29 +13 41.2 19.2	-0.81 - 6.8	2.0/20.0	64385
2005 SN ₁₀₆	2009 11 21.3	03 47.31 +21 58.9 19.7	-1.08 - 2.7	0.9/21.7	62434
2003 SQ ₂₂₉	2009 11 21.3	03 47.32 +21 21.2 19.9	-0.91 - 0.9	0.5/21.6	64209
2006 BO ₂₅₄	2009 11 21.3	03 47.37 +04 01.7 20.6	-0.81 - 2.5	4.8/18.5	43257
2005 NT ₁₆	2009 11 21.3	03 47.38 +16 52.2 20.6	-1.09 - 4.1	1.4/20.8	63709
2007 RR ₁₅₄	2009 11 21.3	03 47.39 +14 09.4 20.1	-0.56 - 1.8	1.2/20.3	64323
2005 QL ₃₆	2009 11 21.3	03 47.40 +15 27.7 20.0	-1.08 - 3.4	1.8/20.6	64247
2002 RS ₁₈₁	2009 11 21.3	03 47.44 +08 57.5 18.4	-0.97 - 5.5	5.6/19.3	64191
2003 JH ₁₀	2009 11 21.3	03 47.46 +10 47.6 20.7	-0.91 - 2.9	2.8/19.8	62372
2001 SQ ₂₀₈	2009 11 21.3	03 47.52 +21 15.5 20.2	-1.10 - 2.5	0.5/21.6	64164
2005 ON ₃	2009 11 21.3	03 47.53 +15 51.4 19.5	-1.17 - 1.1	1.7/20.8	64245
2006 AV ₇	2009 11 21.4	03 47.42 +04 41.8 19.7	-1.08 + 2.6	6.4/19.5	01201
2005 QY ₁₇₀	2009 11 21.4	03 47.43 +20 56.3 18.8	-1.10 - 6.1	0.4/21.6	64250
2006 BX ₆₈	2009 11 21.4	03 47.43 +17 28.2 19.8	-0.99 - 1.3	1.0/21.0	63789
2003 UT ₂₉₇	2009 11 21.4	03 47.50 +34 38.0 21.3	-1.04 + 0.3	4.3/23.7	55976
2003 BB ₈₈	2009 11 21.4	03 47.54 +06 12.7 19.6	-0.71 - 1.9	3.9/18.9	64201
2005 TF ₂₃	2009 11 21.4	03 47.55 +24 28.2 21.1	-1.16 - 1.8	1.9/22.1	97849
2003 SF ₂₁₃	2009 11 21.4	03 47.55 +14 36.0 18.5	-0.99 + 3.0	2.0/20.8	64209
2005 XN ₂₆	2009 11 21.4	03 47.55 +16 40.3 20.2	-0.97 - 2.1	1.3/20.9	63775
2005 WK ₁₆₉	2009 11 21.4	03 47.60 +17 47.1 20.4	-1.05 - 2.3	0.8/21.1	58521
2004 TU	2009 11 21.4	03 47.60 +24 12.9 19.3	-0.99 - 2.1	1.6/22.1	19633
2005 YX ₂₃₆	2009 11 21.4	03 47.61 +16 59.1 21.1	-0.94 - 3.2	1.0/20.9	03827
2005 AJ ₄₂	2009 11 21.4	03 47.64 +43 15.2 19.0	-1.12 - 1.8	7.4/26.1	47337
2005 SS ₂₇	2009 11 21.4	03 47.66 +20 51.3 19.5	-1.06 - 5.7	0.3/21.6	64252
2005 RA ₂₃	2009 11 21.4	03 47.70 -13 11.0 20.2	-0.97 - 4.8	12.5/14.8	57427
2008 FE ₆₆	2009 11 21.4	03 47.74 +12 56.9 20.8	-1.07 - 5.2	2.7/20.2	41561
2007 CP ₆₄	2009 11 21.4	03 47.77 +19 02.6 21.0	-1.02 - 2.6	0.3/21.3	20533
2000 YQ ₄₂	2009 11 21.4	03 47.78 +24 57.3 17.9	-0.85 - 7.1	2.3/22.6	64158
2005 WC ₁₉₇	2009 11 21.4	03 47.79 +11 35.2 20.0	-0.98 - 3.1	3.1/20.0	41834
2002 FB ₂₂	2009 11 21.4	03 47.79 +05 04.7 20.2	-0.86 - 2.4	4.4/18.8	64184
2005 WN ₆₈	2009 11 21.4	03 47.81 +19 31.4 19.9	-0.97 - 6.3	0.2/21.4	64275
2000 GS ₁₁₂	2009 11 21.4	03 47.82 +14 58.0 19.1	-1.06 - 3.6	2.2/20.6	59654
2005 BE ₂₉	2009 11 21.4	03 47.82 +30 37.3 19.3	-0.98 - 1.0	3.5/23.0	59749
2005 QF ₅₇	2009 11 21.4	03 47.85 +22 48.0 20.4	-1.15 - 3.6	1.1/22.0	39222
2005 YJ ₂₅	2009 11 21.4	03 47.91 +16 15.4 19.7	-0.95 - 2.6	1.5/20.9	64281
2000 DT ₁₀₁	2009 11 21.5	03 47.85 +42 42.1 19.9	-1.17 + 0.1	7.1/24.9	47143

2006 HC ₁	2009 11 21.5	03 47.86 +01 06.5 20.0	-0.78	- 7.8	5.3/16.9	11167
2008 SD ₂₁	2009 11 21.5	03 47.91 +28 53.7 21.9	-0.91	- 2.9	2.5/23.2	50221
2005 US ₂₉₄	2009 11 21.5	03 47.95 +23 32.7 20.3	-1.07	- 2.9	1.4/22.1	20425
2008 HH ₂₆	2009 11 21.5	03 48.00 +11 22.9 21.3	-1.12	- 3.2	3.3/20.1	40217
2003 UH ₅	2009 11 21.5	03 48.03 +27 46.7 18.7	-0.87	- 6.4	2.9/23.3	72925
2005 OS ₁₉	2009 11 21.5	03 48.06 +30 42.5 20.9	-1.24	- 3.8	4.0/23.4	89703
2008 HD ₃₄	2009 11 21.5	03 48.09 +10 02.9 18.3	-1.19	+ 6.7	5.0/21.0	64332
2007 DJ ₃₃	2009 11 21.5	03 48.10 +08 03.2 20.8	-1.02	- 3.5	4.8/19.4	18205
2007 ES ₃₇	2009 11 21.5	03 48.11 +05 08.2 20.1	-0.95	- 6.3	6.0/18.4	64311
2006 BN ₂₄₇	2009 11 21.5	03 48.12 +30 54.2 20.1	-0.98	- 2.7	3.6/23.5	47385
2008 PG ₁₇	2009 11 21.5	03 48.13 +05 03.9 19.7	-0.80	- 1.9	4.7/19.0	64335
2007 EN ₃₈	2009 11 21.5	03 48.14 +03 24.2 22.1	-0.77	- 3.2	4.2/18.5	47422
2005 SE ₁₃₉	2009 11 21.5	03 48.15 +14 23.2 20.1	-0.96	- 3.1	2.7/20.6	33460
2006 BK ₄₀	2009 11 21.5	03 48.16 +18 36.4 21.1	-0.85	- 3.4	0.4/21.3	64288
2005 QY ₁	2009 11 21.5	03 48.16 +24 44.7 20.1	-1.15	- 4.6	1.8/22.4	64246
2005 QB ₅₇	2009 11 21.5	03 48.16 +28 30.3 18.8	-1.01	- 4.2	4.4/23.2	64248
2007 HO ₁₀	2009 11 21.5	03 48.16 +34 48.9 19.6	-1.30	+ 4.3	6.6/23.0	64320
2004 EY ₇	2009 11 21.5	03 48.19 +20 29.9 19.9	-1.10	- 4.1	0.2/21.7	64216
2005 WB ₇₆	2009 11 21.5	03 48.20 +19 57.0 18.7	-0.99	- 1.3	0.0/21.6	64275
2003 UV ₇₄	2009 11 21.5	03 48.21 +24 26.8 20.2	-0.87	- 4.3	1.3/22.5	60789
2005 SP ₇₂	2009 11 21.5	03 48.23 +15 13.2 19.3	-1.00	- 1.4	2.3/20.8	64253
2001 UP ₂₀₉	2009 11 21.5	03 48.26 +19 14.6 19.5	-0.97	- 7.2	0.3/21.4	64169
2000 YY ₃₅	2009 11 21.5	03 48.28 +04 01.3 18.2	-0.94	- 0.2	6.9/19.0	00002
2003 KE ₁₁	2009 11 21.5	03 48.30 +16 59.9 19.4	-1.82	+12.9	1.6/21.6	39186
2005 NL ₁₃	2009 11 21.5	03 48.35 +17 11.0 20.3	-1.12	- 4.0	1.2/21.1	62422
1997 TR ₁₉	2009 11 21.6	03 48.27 +24 16.5 20.4	-1.10	- 3.1	1.6/22.3	14583
2006 BT ₇₇	2009 11 21.6	03 48.30 +16 42.7 19.7	-0.93	- 2.0	1.2/21.1	64289
2002 RE ₂₅₅	2009 11 21.6	03 48.31 +24 46.6 20.5	-0.86	- 2.0	1.3/22.4	48878
2000 QV ₁₄₇	2009 11 21.6	03 48.34 +50 10.2 20.3	-1.44	- 2.9	9.7/28.2	17916
2004 RF ₃₅	2009 11 21.6	03 48.34 +39 59.3 19.1	-1.22	- 0.8	8.1/25.1	70404
2003 TU ₂₆	2009 11 21.6	03 48.35 +36 51.0 21.5	-1.00	- 2.1	4.8/24.7	56915
2005 XH ₄₁	2009 11 21.6	03 48.38 +23 01.3 21.1	-1.01	- 1.8	1.0/22.1	26109
2004 XQ ₁₆₃	2009 11 21.6	03 48.38 +31 00.9 20.0	-0.91	- 3.5	3.3/23.7	59748
2005 SJ ₁₉₅	2009 11 21.6	03 48.43 +20 29.6 20.7	-1.11	- 3.7	0.2/21.7	40143
2007 DF ₃₅	2009 11 21.6	03 48.45 +24 01.2 19.3	-1.12	- 2.9	1.7/22.3	58564
2002 CV ₁₅₇	2009 11 21.6	03 48.46 -05 30.3 19.6	-0.95	- 1.3	10.3/16.9	60759
2008 JA ₇	2009 11 21.6	03 48.49 +13 26.7 21.3	-1.09	- 4.6	2.5/20.5	40770
2007 EC ₉	2009 11 21.6	03 48.51 +30 56.0 21.6	-1.13	- 1.5	3.7/23.4	19709
2002 WH ₃₀	2009 11 21.6	03 48.52 +17 33.1 19.2	-1.20	+ 1.7	1.2/21.4	64198
2004 TK ₇₆	2009 11 21.6	03 48.55 +28 22.2 19.8	-1.04	- 1.2	3.2/23.0	09076
2005 SO ₃₅	2009 11 21.6	03 48.59 +25 19.5 19.2	-1.17	+ 0.5	2.4/22.4	61932
2002 TL ₂₅₂	2009 11 21.6	03 48.60 +10 35.1 19.5	-1.07	- 3.0	4.4/20.2	39175
2001 PB ₁₉	2009 11 21.6	03 48.62 +11 27.3 18.7	-1.08	+ 2.5	4.1/20.7	64161
2001 RU ₁₀₆	2009 11 21.6	03 48.63 +21 17.7 19.6	-1.11	- 2.7	0.5/21.9	64162
2007 GN ₄₇	2009 11 21.6	03 48.63 +19 51.6 22.0	-0.83	- 2.4	0.0/21.6	21879
2006 QU ₁	2009 11 21.6	03 48.63 +55 12.3 19.3	-1.84	- 6.5	16.9/01.2	09619
2003 FS ₃₇	2009 11 21.6	03 48.63 +15 38.1 20.9	-0.96	- 4.0	1.4/20.9	20777
2004 NS ₂₄	2009 11 21.6	03 48.64 +38 40.3 20.4	-1.17	- 3.5	6.3/25.4	16274
2003 SB ₈₂	2009 11 21.6	03 48.67 +26 40.6 19.9	-0.94	- 1.5	2.2/22.8	64207
2003 CR ₄	2009 11 21.6	03 48.67 +13 40.9 20.3	-0.70	- 4.0	1.8/20.4	55963
2003 KQ ₆	2009 11 21.6	03 48.68 +14 41.1 21.2	-1.04	0.0	1.9/20.9	95007

2004 XU ₁₃₃	2009 11 21.6	03 48.69 +28 21.0 19.2	-0.94	- 4.2	2.8/23.3	43226
2005 WU ₁₅	2009 11 21.6	03 48.71 +21 09.1 19.3	-1.06	- 4.9	0.5/21.9	64274
2001 KB ₁₉	2009 11 21.6	03 48.71 +19 09.1 19.8	-0.87	- 1.8	0.2/21.5	64160
2003 UE ₃₄	2009 11 21.6	03 48.75 +12 01.6 19.3	-0.81	- 7.4	2.6/19.9	64211
2003 UZ ₁₅₀	2009 11 21.6	03 48.79 +37 59.8 19.5	-1.21	+ 2.6	5.3/24.0	47272
2005 WY ₃₆	2009 11 21.7	03 48.68 +17 50.1 20.3	-0.99	- 3.2	0.9/21.3	64274
2000 YB ₆₀	2009 11 21.7	03 48.68 +31 16.3 19.0	-1.00	- 4.5	4.5/23.9	41762
2004 DT ₄₃	2009 11 21.7	03 48.69 +24 37.8 20.5	-1.19	- 2.2	1.8/22.4	95182
2006 BO ₁₀₂	2009 11 21.7	03 48.70 +36 28.5 20.6	-1.03	- 3.9	5.5/25.0	41239
2002 JE ₁₁₄	2009 11 21.7	03 48.70 +22 39.0 20.9	-1.02	- 0.2	0.8/22.1	94781
2000 WS ₈₁	2009 11 21.7	03 48.71 +23 29.4 19.6	-0.97	- 3.7	1.4/22.3	19531
2005 OE ₁₃	2009 11 21.7	03 48.71 +17 57.1 18.7	-1.11	- 0.3	0.9/21.4	64245
2003 AL ₅₄	2009 11 21.7	03 48.71 +06 56.0 19.5	-1.07	+ 0.2	5.3/19.9	64200
2005 YC ₂₀₂	2009 11 21.7	03 48.72 +11 48.8 20.4	-0.93	- 2.4	3.0/20.3	64285
2007 GN ₆₆	2009 11 21.7	03 48.76 +23 26.4 19.6	-0.99	+ 0.4	1.1/22.2	64319
2005 WS ₅₁	2009 11 21.7	03 48.81 +17 06.3 19.1	-1.06	+ 1.1	1.3/21.4	97988
2004 YB ₆	2009 11 21.7	03 48.84 +31 26.2 19.8	-0.92	- 4.2	3.6/24.0	86608
2007 JX ₁	2009 11 21.7	03 48.85 +18 22.6 19.4	-0.92	0.0	0.5/21.5	64322
2000 GG ₃₄	2009 11 21.7	03 48.87 +21 33.7 21.2	-1.08	- 2.9	0.5/22.0	58401
2004 GR ₁₃	2009 11 21.7	03 48.91 +29 50.1 19.9	-1.17	- 3.7	3.7/23.5	47293
2001 XA ₉₅	2009 11 21.7	03 48.98 +19 09.7 18.2	-0.99	+ 1.4	0.5/21.6	64173
2003 BU ₆₆	2009 11 21.7	03 49.01 +24 21.1 19.1	-1.02	- 4.7	2.1/22.6	57912
2003 SC ₄₃₂	2009 11 21.7	03 49.05 +16 55.0 21.0	-0.84	- 4.3	1.1/21.2	63668
2001 OX ₁₉	2009 11 21.7	03 49.08 +26 55.2 20.2	-1.17	- 1.8	2.5/23.0	90059
2001 FE ₂₀	2009 11 21.7	03 49.09 -01 38.9 21.7	-0.72	- 4.3	5.0/17.3	47165
2000 BN ₂₀	2009 11 21.7	03 49.12 +14 45.9 20.4	-0.86	- 2.4	1.8/20.9	10723
2005 UX ₈	2009 11 21.7	03 49.12 +19 06.5 18.8	-1.05	- 0.6	0.4/21.6	64260
2004 TV ₁₉₆	2009 11 21.7	03 49.13 +16 47.6 20.5	-0.90	- 3.9	1.1/21.2	64232
2004 CA ₆	2009 11 21.7	03 49.17 +10 13.4 19.8	-1.10	- 2.7	4.0/20.2	62384
1998 RU ₉	2009 11 21.7	03 49.20 +23 49.5 21.2	-1.14	- 3.1	1.4/22.4	14584
2005 YR ₂₈₉	2009 11 21.7	03 49.20 -07 11.6 20.3	-1.50	+ 3.1	15.2/18.7	96879
2002 LQ ₆₂	2009 11 21.8	03 49.13 +11 48.8 19.8	-0.83	- 8.0	2.3/19.9	64186
2006 DR ₁₄₄	2009 11 21.8	03 49.13 +24 29.6 21.0	-0.95	- 2.2	1.5/22.6	55218
2002 QL ₆₈	2009 11 21.8	03 49.15 +15 36.1 20.8	-0.82	- 2.2	1.3/21.0	64189
2006 QW ₁₄₂	2009 11 21.8	03 49.17 +41 43.3 18.8	-1.46	-16.6	10.4/28.3	09761
2004 FH ₂	2009 11 21.8	03 49.20 +08 39.8 20.0	-1.07	- 3.3	4.3/19.9	62388
2003 UW ₁₈₅	2009 11 21.8	03 49.22 +27 37.0 20.9	-0.93	- 0.9	2.2/23.0	86143
2007 TA ₂₁₉	2009 11 21.8	03 49.22 +19 19.1 21.0	-0.54	- 2.1	0.1/21.7	58577
2005 YD ₁₅₀	2009 11 21.8	03 49.31 +19 34.0 19.4	-0.97	- 1.5	0.2/21.8	64284
2007 PM ₄₀	2009 11 21.8	03 49.31 +42 45.5 19.9	-0.72	- 1.9	4.4/26.5	59796
2004 HO ₅₀	2009 11 21.8	03 49.32 +06 21.3 21.2	-1.02	- 1.3	4.6/19.8	39201
3046 P-L	2009 11 21.8	03 49.33 +33 27.9 19.1	-1.15	- 4.1	5.0/24.4	64421
2009 TZ ₁₇	2009 11 21.8	03 49.34 -05 28.2 19.1	-0.90	- 1.0	11.3/17.4	64061
2006 AC ₁₈	2009 11 21.8	03 49.35 +35 31.5 19.7	-1.03	- 4.5	5.1/25.0	47373
2006 DY ₁₅	2009 11 21.8	03 49.35 +16 38.7 19.8	-0.88	- 1.6	1.1/21.3	64292
2006 BB ₇₂	2009 11 21.8	03 49.35 +04 08.6 21.1	-0.89	- 0.8	5.3/19.3	97034
2005 QM ₁₂₇	2009 11 21.8	03 49.37 +12 21.2 21.0	-1.08	- 3.9	2.9/20.5	60832
2005 SO ₆₇	2009 11 21.8	03 49.38 +24 18.1 21.1	-1.14	- 2.8	1.5/22.6	90265
2006 AR ₂₃	2009 11 21.8	03 49.38 +15 57.3 19.7	-0.91	- 2.3	1.4/21.2	64286
2006 FL ₅₀	2009 11 21.8	03 49.40 +07 43.8 20.9	-0.91	+ 1.5	3.4/20.2	02314
2000 PY ₂₁	2009 11 21.8	03 49.51 +08 14.6 19.4	-0.99	- 0.9	4.4/20.2	40088

2005 QP ₄₁	2009 11 21.8	03 49.52 +14 20.3 19.6	-1.03	- 5.1	2.5/20.8	64247
2005 NX ₁	2009 11 21.8	03 49.54 -16 58.8 21.0	-1.11	+ 2.0	13.1/17.5	41825
2006 AU ₄₈	2009 11 21.8	03 49.58 +17 37.5 20.9	-0.97	- 2.2	0.9/21.5	64287
2006 DB ₂₄	2009 11 21.8	03 49.59 +04 24.2 20.9	-0.79	- 2.6	4.7/19.1	43259
2005 YR ₁₈₈	2009 11 21.9	03 49.57 +63 50.3 19.6	-1.72	- 8.7	16.3/08.0	96832
2005 MX ₁₀	2009 11 21.9	03 49.58 +12 55.5 20.2	-1.16	- 1.2	3.1/20.9	39214
2005 UB ₃₈₈	2009 11 21.9	03 49.58 +16 17.0 20.3	-1.06	- 2.7	1.4/21.3	64269
2007 EZ ₁₀₇	2009 11 21.9	03 49.60 +33 21.8 21.7	-1.01	- 0.4	3.6/24.0	47423
2005 WT ₁₈	2009 11 21.9	03 49.64 +12 43.5 19.7	-1.08	+ 1.7	2.6/21.0	20824
1995 VB ₄	2009 11 21.9	03 49.64 +14 00.7 19.7	-1.09	- 1.5	2.7/21.0	13731
2000 DG ₉₀	2009 11 21.9	03 49.67 +18 50.2 21.4	-1.08	- 3.5	0.4/21.7	41754
2005 QB ₃₇	2009 11 21.9	03 49.70 +26 15.5 18.9	-1.15	- 4.8	2.6/23.1	64247
2007 FT ₂	2009 11 21.9	03 49.71 +09 47.7 20.3	-1.06	- 0.1	3.7/20.5	21878
2004 VR ₁	2009 11 21.9	03 49.72 +19 03.4 19.2	-1.05	+ 2.6	0.4/21.8	74427
1998 TA ₂₀	2009 11 21.9	03 49.72 +28 33.9 19.6	-0.99	- 0.6	2.7/23.3	64147
2006 CG ₅₁	2009 11 21.9	03 49.73 +22 47.2 20.2	-0.96	- 3.2	1.0/22.4	47388
2006 FT ₄₅	2009 11 21.9	03 49.74 +19 54.1 20.2	-0.86	- 2.1	0.0/21.9	64295
2007 CW ₄₄	2009 11 21.9	03 49.75 +19 43.3 20.6	-1.03	- 3.7	0.1/21.9	64306
2002 GS ₇₈	2009 11 21.9	03 49.75 -00 04.1 21.0	-0.85	- 2.4	6.0/18.3	43153
2008 RM ₁₀₅	2009 11 21.9	03 49.75 +17 26.9 20.4	-0.54	- 1.9	0.5/21.5	64336
2005 YS ₁₈₈	2009 11 21.9	03 49.78 +24 48.3 19.9	-0.98	- 3.4	1.8/22.8	64284
2005 AU ₇₃	2009 11 21.9	03 49.80 +20 47.3 19.5	-0.87	- 2.4	0.2/22.1	62416
2001 KF ₇₄	2009 11 21.9	03 49.81 +08 20.3 20.6	-0.81	- 1.1	3.1/20.0	21304
2008 JY ₂₀	2009 11 21.9	03 49.81 +14 18.2 20.6	-1.07	- 1.8	2.0/21.1	40771
2006 DA ₁₇	2009 11 21.9	03 49.82 +19 06.1 20.2	-0.93	- 1.8	0.3/21.8	64293
2000 SC ₂₆₈	2009 11 21.9	03 49.82 +03 49.8 20.2	-0.89	- 6.3	5.9/18.6	46493
2005 WN ₁₅₆	2009 11 21.9	03 49.83 +08 24.7 17.9	-0.91	- 5.5	5.6/19.5	64277
2003 UJ ₃₇	2009 11 21.9	03 49.85 +19 26.3 17.9	-0.83	-10.1	0.2/21.8	63669
2006 DK ₇	2009 11 21.9	03 49.85 +18 48.0 21.8	-0.84	- 2.7	0.4/21.7	51026
2005 YG ₉₀	2009 11 21.9	03 49.87 +24 51.1 20.3	-0.97	- 4.4	1.7/22.9	98048
2005 UU ₃₁₈	2009 11 21.9	03 49.88 +22 13.5 20.6	-1.06	- 3.3	0.7/22.3	59763
2001 QB ₁₅₂	2009 11 21.9	03 49.93 +32 33.3 17.3	-1.34	-24.0	6.0/26.0	64161
2006 DU ₂₀₈	2009 11 21.9	03 49.93 +04 37.2 19.4	-0.78	- 5.5	4.7/18.7	64294
2008 GZ ₃₇	2009 11 21.9	03 49.93 +20 01.5 20.3	-1.14	- 2.3	0.0/22.0	64329
2006 DO ₉₅	2009 11 21.9	03 49.94 +05 06.2 19.8	-0.79	- 4.7	5.4/18.9	09523
2001 SS ₄₈	2009 11 21.9	03 50.03 +54 03.0 19.9	-2.31	+ 7.4	17.4/25.0	39152
2003 QE ₉₄	2009 11 22.0	03 49.96 +29 08.4 19.6	-0.98	- 2.2	2.9/23.6	60787
2007 ED ₄₉	2009 11 22.0	03 49.97 +25 13.0 20.3	-1.05	- 1.6	1.8/22.8	20853
2005 SK ₁₅₀	2009 11 22.0	03 49.98 +13 30.4 21.5	-1.02	- 3.8	2.3/20.9	95878
2003 TS ₃₈	2009 11 22.0	03 49.98 +32 32.9 20.0	-0.95	- 2.4	3.7/24.3	47267
2003 UT ₂₂₁	2009 11 22.0	03 49.99 +18 05.1 19.2	-0.89	- 0.4	0.7/21.7	63670
2007 CY ₈	2009 11 22.0	03 50.02 +25 37.1 20.9	-1.09	- 4.0	1.9/23.0	41312
2005 YP ₅₉	2009 11 22.0	03 50.05 +35 20.5 20.0	-1.04	- 4.0	4.6/24.9	02264
2008 GG ₂₂	2009 11 22.0	03 50.08 +25 36.3 21.4	-1.27	- 1.1	2.2/23.0	41593
2007 GS ₉	2009 11 22.0	03 50.10 +04 29.3 20.9	-0.87	- 4.9	4.9/18.9	38131
2001 QQ ₄₅	2009 11 22.0	03 50.11 +15 51.2 20.3	-1.09	- 2.3	1.8/21.4	64161
2005 TW ₉₁	2009 11 22.0	03 50.12 +22 29.1 19.9	-1.09	- 5.6	1.1/23.0	97859
2001 QA ₂₅₂	2009 11 22.0	03 50.15 +15 56.1 20.4	-1.07	- 2.4	1.5/21.4	64162
2003 GX ₃₁	2009 11 22.0	03 50.15 +22 47.4 20.2	-0.66	- 0.8	0.5/22.5	47247
2000 CD ₅₉	2009 11 22.0	03 50.17 +25 37.5 20.3	-1.18	- 3.4	2.2/23.0	64151
2005 UN ₁₂₈	2009 11 22.0	03 50.23 +18 18.8 20.7	-1.00	- 6.0	0.7/21.7	63741

2002 GK ₁₈₀	2009 11 22.0	03 50.25 +19 30.7 20.3	-0.95	- 5.1	0.2/21.9	64185
2005 UW ₃₈₈	2009 11 22.0	03 50.26 +14 52.3 20.4	-1.03	- 5.2	2.0/21.1	64269
2005 WR ₆₉	2009 11 22.0	03 50.29 +17 40.8 19.0	-0.99	- 2.8	1.0/21.7	64275
2007 EG ₅₄	2009 11 22.0	03 50.30 +23 31.2 20.5	-1.03	- 1.0	1.2/22.6	62511
2005 EH ₃₈	2009 11 22.0	03 50.30 +49 58.9 18.8	-2.15	+ 9.7	15.8/23.7	60822
2008 KJ ₃₀	2009 11 22.0	03 50.35 -03 39.0 19.6	-0.88	- 4.4	9.8/17.6	64334
2006 GF ₆	2009 11 22.0	03 50.40 +48 40.3 21.4	-1.31	+ 1.9	7.5/26.0	50003
2007 HC ₇₇	2009 11 22.0	03 50.44 +12 53.3 21.2	-0.96	- 1.8	2.4/20.9	21692
2005 TW ₉₈	2009 11 22.1	03 50.43 +32 55.1 20.7	-1.23	- 4.0	4.7/24.5	41206
2005 SK ₁₆₃	2009 11 22.1	03 50.45 +16 40.1 19.9	-1.05	- 2.8	1.5/21.6	64255
2005 MW ₄₂	2009 11 22.1	03 50.48 +14 41.5 19.6	-1.10	- 2.6	2.4/21.3	38879
2002 CM ₁₅₇	2009 11 22.1	03 50.48 +12 15.7 20.5	-0.98	- 2.0	2.7/20.9	97569
2005 QY ₈	2009 11 22.1	03 50.48 +15 12.2 19.8	-1.09	- 2.9	2.1/21.3	64246
2007 JB ₁₅	2009 11 22.1	03 50.52 +19 17.2 19.8	-0.93	- 4.1	0.3/22.0	64322
2003 TN ₃₉	2009 11 22.1	03 50.52 +19 18.5 20.3	-0.83	- 4.9	0.2/22.0	64211
2005 XB ₂₀	2009 11 22.1	03 50.53 +33 20.3 18.9	-1.07	- 8.4	5.1/25.2	62465
2008 QP ₁₈	2009 11 22.1	03 50.56 +04 53.8 20.2	-0.79	- 5.1	4.5/19.0	64336
2006 BN ₈₈	2009 11 22.1	03 50.57 +09 32.7 20.0	-0.89	- 1.7	3.8/20.5	58524
1998 RX ₁₀	2009 11 22.1	03 50.57 +21 54.9 20.3	-0.91	- 2.4	0.6/22.4	62294
2005 SG ₂₀₉	2009 11 22.1	03 50.6 +70 02.6 19.4	-2.32	+ 7.1	24.8/28.9	97837
2007 EX ₁₈₂	2009 11 22.1	03 50.63 +20 36.5 20.5	-1.14	+ 0.5	0.2/22.2	64315
2004 NV ₁₆	2009 11 22.1	03 50.65 +14 47.1 21.0	-0.99	- 3.4	1.9/21.3	40126
2001 WA ₄₉	2009 11 22.1	03 50.65 +15 45.2 19.5	-0.98	- 4.2	1.9/21.4	64171
2007 ED ₉₄	2009 11 22.1	03 50.71 -02 50.2 19.2	-0.89	- 3.9	9.3/17.9	64313
2004 CQ ₁₀₇	2009 11 22.1	03 50.73 +16 15.9 21.0	-1.10	- 3.7	1.5/21.5	64215
2004 BC ₉₈	2009 11 22.1	03 50.73 +31 25.5 21.0	-1.22	- 3.1	4.4/24.1	14710
2004 RO ₂₂₅	2009 11 22.1	03 50.74 +38 16.7 20.2	-1.19	- 1.8	6.5/25.4	19627
2004 JW ₃₇	2009 11 22.1	03 50.78 +00 58.6 21.2	-1.00	- 1.4	6.5/19.2	41806
2008 TU ₁₀₀	2009 11 22.1	03 50.79 +20 44.3 20.0	-0.57	- 1.8	0.1/22.3	64338
2001 WQ ₂	2009 11 22.1	03 50.80 +12 36.6 18.5	-1.18	-19.7	3.6/20.0	64171
2002 TX ₆₃	2009 11 22.1	03 50.81 +30 16.5 19.6	-1.24	- 3.4	4.7/24.0	14674
2001 SG ₂₅₂	2009 11 22.1	03 50.84 -06 19.8 19.6	-1.13	-11.7	12.0/15.6	64164
2004 RC ₁₄₁	2009 11 22.1	03 50.88 +24 52.1 19.2	-1.08	- 0.3	1.8/23.0	62398
2002 WL ₂₆	2009 11 22.1	03 50.88 +13 23.9 20.4	-1.05	- 2.9	3.0/21.1	40370
2003 UR ₇₈	2009 11 22.1	03 50.90 +49 41.8 20.1	-1.30	+ 0.2	7.7/27.5	59713
2003 SA ₃₄₆	2009 11 22.2	03 50.82 +34 44.1 20.5	-1.00	- 1.7	4.3/24.7	58457
2007 CE ₆₃	2009 11 22.2	03 50.84 +09 35.1 19.9	-1.05	- 3.5	4.3/20.4	62504
2001 UD ₁₀₀	2009 11 22.2	03 50.89 +21 23.1 19.2	-1.06	- 1.2	0.6/22.4	64168
2001 VL ₁₀₀	2009 11 22.2	03 50.93 +06 56.0 19.0	-0.90	- 5.9	5.8/19.5	64170
2002 CH ₁₁₂	2009 11 22.2	03 50.98 -04 30.7 20.6	-0.84	- 3.7	7.1/17.3	30661
2001 WO ₆₄	2009 11 22.2	03 50.98 +20 05.5 19.3	-1.03	- 1.6	0.0/22.2	64172
2002 AC ₃₇	2009 11 22.2	03 51.02 +10 32.3 18.6	-1.02	- 1.8	4.1/20.7	64177
2004 XS ₇₄	2009 11 22.2	03 51.03 -02 49.5 18.6	-0.91	+ 2.9	8.3/19.6	64238
2007 DQ ₁₁	2009 11 22.2	03 51.04 +03 55.8 19.8	-1.03	- 3.4	7.6/19.3	64307
2003 TB ₁₅	2009 11 22.2	03 51.06 +28 12.6 18.8	-1.00	+ 0.1	2.8/23.4	55104
2005 NA	2009 11 22.2	03 51.08 +22 25.5 19.5	-1.14	- 3.9	1.0/23.0	38044
2006 DF ₂₃	2009 11 22.2	03 51.08 +10 58.3 20.7	-0.84	- 2.4	2.8/20.7	38086
2005 SH ₂₂₄	2009 11 22.2	03 51.08 +16 25.4 20.6	-1.06	- 4.0	1.5/21.6	59758
2006 DH ₇₆	2009 11 22.2	03 51.09 +01 44.6 21.3	-0.80	- 2.4	5.6/19.0	60453
2008 TY ₁₀₉	2009 11 22.2	03 51.10 +09 45.6 20.5	-0.54	- 1.3	1.9/20.4	64338
2001 XN ₃₇	2009 11 22.2	03 51.16 +36 21.0 18.8	-1.14	- 6.6	6.6/25.6	20754

2007 BS ₇₅	2009 11 22.2	03 51.16 +30 37.8 20.7	-1.17	- 3.2	3.9/24.1	24145
2002 YM ₁₇	2009 11 22.2	03 51.19 +22 42.2 19.5	-1.08	- 5.8	1.0/22.8	18033
2002 EQ ₈₅	2009 11 22.2	03 51.19 +36 37.3 19.6	-1.19	+ 0.3	6.0/24.6	97582
2009 QR ₉	2009 11 22.2	03 51.25 +02 20.0 17.4	-0.77	- 0.1	10.0/19.9	64346
2008 JV ₁₃	2009 11 22.2	03 51.27 +13 21.8 20.4	-1.09	- 2.0	2.5/21.3	40038
2005 SR ₁₃₅	2009 11 22.2	03 51.28 +17 42.1 20.8	-1.02	- 3.2	1.1/21.9	33460
2005 YX ₁₆₁	2009 11 22.2	03 51.29 +14 09.2 18.9	-0.91	- 3.1	2.7/21.3	64284
2005 WN ₁₈₆	2009 11 22.3	03 51.21 +23 11.1 19.7	-0.98	- 4.1	1.2/22.9	98015
2007 CF ₁₇	2009 11 22.3	03 51.22 +24 09.8 19.6	-1.15	- 2.1	1.9/22.9	19697
2000 AB ₂₀₉	2009 11 22.3	03 51.22 +39 38.0 19.3	-1.03	- 4.1	6.1/26.2	50887
2005 UD ₄₅₂	2009 11 22.3	03 51.26 +28 39.6 19.5	-1.01	- 6.1	3.0/24.0	47358
2005 XJ ₂₀	2009 11 22.3	03 51.29 +27 40.4 19.0	-0.96	- 3.0	3.8/23.7	57433
2005 UZ ₂₃₁	2009 11 22.3	03 51.31 +16 54.8 20.4	-0.99	- 4.9	1.1/21.7	63744
2007 HD ₂₈	2009 11 22.3	03 51.32 +14 25.3 20.1	-0.82	- 6.4	1.7/21.1	63835
2005 QK ₁₄₅	2009 11 22.3	03 51.33 +17 53.0 18.9	-1.16	- 0.1	1.0/22.0	64250
2005 US ₁₃₂	2009 11 22.3	03 51.35 -05 00.9 19.1	-0.85	- 3.7	11.4/17.2	64264
2004 XC ₂₃	2009 11 22.3	03 51.42 +13 57.6 18.2	-0.88	- 0.6	2.7/21.4	64237
2002 SH ₅₂	2009 11 22.3	03 51.45 +06 17.7 19.0	-1.10	+ 0.6	6.4/20.7	40107
2006 FD ₃₅	2009 11 22.3	03 51.47 +25 28.8 20.2	-0.89	- 1.2	1.4/23.2	64295
2005 YM ₁₄₈	2009 11 22.3	03 51.47 +29 04.9 20.0	-1.02	- 2.9	3.1/23.9	18169
2001 YZ ₄	2009 11 22.3	03 51.50 +44 43.3 19.8	-1.39	+ 1.3	8.8/25.6	97534
2001 SR ₃₅₄	2009 11 22.3	03 51.54 +16 21.5 20.8	-1.08	- 1.7	1.3/21.8	64165
2000 GX ₁₁₈	2009 11 22.3	03 51.56 +13 37.5 20.3	-1.04	- 5.8	3.1/21.1	19523
2002 RL ₂₃₇	2009 11 22.3	03 51.57 +23 05.0 21.2	-1.21	- 2.5	1.2/23.0	58437
2002 EF ₅₀	2009 11 22.3	03 51.60 +28 36.8 19.7	-1.03	- 2.4	3.0/23.8	18002
2002 CP ₁₂₄	2009 11 22.3	03 51.66 +16 39.0 19.3	-0.97	- 4.4	1.4/21.7	63622
2005 QT ₃₄	2009 11 22.3	03 51.70 +20 31.7 20.4	-1.13	- 3.0	10.7/13.0	64247
2002 CP ₂₆₃	2009 11 22.4	03 51.63 +33 11.9 20.9	-1.05	- 3.1	4.1/24.7	60305
2006 CA ₅₇	2009 11 22.4	03 51.63 +11 44.5 20.8	-0.83	- 3.0	2.6/20.9	64292
2003 SV ₄₀₀	2009 11 22.4	03 51.63 +02 05.8 20.2	-0.81	- 0.7	6.0/19.6	41798
2000 EG ₅₃	2009 11 22.4	03 51.68 +21 48.7 20.3	-0.88	- 2.9	0.5/22.7	47143
2005 SP ₂₁₉	2009 11 22.4	03 51.71 +12 47.3 17.9	-0.97	+ 4.8	3.8/21.8	64256
2002 QR ₁₁₈	2009 11 22.4	03 51.72 +11 28.3 19.4	-1.04	+ 0.4	4.6/21.3	62352
2002 TC ₃₀₇	2009 11 22.4	03 51.75 +22 40.0 20.3	-1.26	+ 0.7	1.1/23.0	62359
2006 EX ₂₀	2009 11 22.4	03 51.75 +30 14.1 21.0	-0.99	- 2.2	3.1/24.1	43264
2006 EM ₃₀	2009 11 22.4	03 51.76 +33 23.8 21.4	-1.01	- 0.9	4.2/24.5	01479
2008 OM ₂	2009 11 22.4	03 51.78 +11 05.4 20.3	-0.95	- 2.3	3.1/21.0	46588
2006 BP ₇₉	2009 11 22.4	03 51.80 +05 25.8 20.0	-0.81	- 1.5	4.4/20.0	64289
2002 AB ₁₆₄	2009 11 22.4	03 51.80 +06 05.1 18.4	-0.90	- 3.5	6.1/19.8	64179
2002 TH ₁₂₁	2009 11 22.4	03 51.84 +23 05.2 17.9	-1.02	- 8.8	1.4/23.1	64194
2002 QW ₁₀₂	2009 11 22.4	03 51.84 +30 53.2 19.4	-1.11	- 5.7	5.4/24.6	13923
2004 DV ₆₁	2009 11 22.4	03 51.87 +19 55.5 19.9	-1.15	- 1.7	0.1/22.4	62386
2005 TY ₅₀	2009 11 22.4	03 51.87 +29 29.5 19.4	-1.14	- 4.9	3.8/24.2	18132
2000 SW ₈₉	2009 11 22.4	03 51.89 +21 35.4 17.3	-0.92	-13.1	11.1/13.0	64155
2005 MU ₅₀	2009 11 22.4	03 51.89 +25 57.3 20.4	-1.20	- 4.0	2.4/23.4	09296
2004 BJ ₁₃	2009 11 22.4	03 51.91 +23 32.2 19.5	-1.17	- 4.5	1.5/23.0	24436
2004 ES ₇₄	2009 11 22.4	03 51.92 +12 08.0 19.7	-1.04	- 3.9	3.0/21.1	16264
2006 DS ₈₆	2009 11 22.4	03 51.93 +33 30.4 20.5	-1.01	- 0.8	4.3/24.6	01388
2004 PW ₆₈	2009 11 22.4	03 51.94 +39 09.5 20.4	-1.18	- 4.5	6.1/26.4	59728
2002 QT ₉₇	2009 11 22.4	03 51.97 +04 13.7 20.5	-0.79	- 1.8	4.8/19.7	03367
2003 QC ₁₉	2009 11 22.4	03 51.97 +37 51.8 18.7	-1.05	- 2.1	6.5/25.7	40680

2005 NE ₄₉	2009 11 22.4	03 52.02 +14 33.5 20.7	-1.19	+ 0.1	2.2/21.8	38045
2004 RS ₁₅₉	2009 11 22.4	03 52.03 +36 13.6 19.5	-1.09	- 4.0	5.3/25.6	47306
2002 CK ₂₇	2009 11 22.4	03 52.06 +26 33.0 18.1	-1.02	+ 0.3	3.2/23.4	64180
2004 VX ₈₀	2009 11 22.4	03 52.08 +24 35.8 19.4	-1.03	+ 0.4	1.5/23.1	62412
2007 GX ₁₆	2009 11 22.4	03 52.09 +23 14.6 20.3	-1.02	- 2.7	1.1/23.0	47427
2004 SV ₉	2009 11 22.4	03 52.09 +37 13.7 20.5	-1.19	- 0.8	5.9/25.2	41815
2004 CQ ₆₄	2009 11 22.4	03 52.13 +16 26.4 19.0	-1.20	+ 1.0	1.5/22.1	12866
2007 BR ₄₃	2009 11 22.5	03 52.08 +30 38.2 21.4	-1.24	- 2.8	4.3/24.2	19695
2005 NZ ₉₈	2009 11 22.5	03 52.08 +20 40.0 20.5	-1.15	- 4.4	10.0/13.0	40136
2008 SX ₁₆₅	2009 11 22.5	03 52.10 +11 11.3 19.9	-0.55	- 2.3	1.8/20.8	63867
2002 EZ ₆₆	2009 11 22.5	03 52.10 +09 02.2 20.2	-0.87	- 4.2	3.6/20.4	20278
2005 TL ₁₂₁	2009 11 22.5	03 52.16 +30 40.2 20.7	-1.21	- 1.8	4.2/24.2	97862
2002 XA ₁₁₅	2009 11 22.5	03 52.23 +17 59.5 18.7	-1.02	- 7.3	1.0/22.1	63652
2001 RZ ₆₃	2009 11 22.5	03 52.27 +19 13.8 19.8	-1.06	- 7.4	11.5/13.0	64162
2001 QN ₁₁₃	2009 11 22.5	03 52.28 +32 47.1 18.3	-1.11	- 3.5	5.9/24.9	64161
1998 HS ₅₀	2009 11 22.5	03 52.28 +06 10.5 20.0	-1.10	- 1.8	5.7/20.5	60275
2004 VM ₆₃	2009 11 22.5	03 52.30 +14 46.4 19.6	-0.90	- 2.0	2.1/21.7	20812
2007 EY ₁₈₇	2009 11 22.5	03 52.32 +09 55.1 21.0	-0.91	- 4.5	3.1/20.6	43277
2001 UZ ₁₀₁	2009 11 22.5	03 52.33 +17 07.0 19.5	-1.00	- 4.1	1.3/22.0	64168
2002 OM ₂₆	2009 11 22.5	03 52.36 +29 03.0 19.6	-0.93	- 1.0	2.6/24.0	47219
2005 NH ₂₄	2009 11 22.5	03 52.36 +15 22.1 20.9	-1.11	- 4.3	1.9/21.7	64244
2002 GF ₁₆₃	2009 11 22.5	03 52.36 +24 11.3 19.6	-1.09	0.0	1.5/23.0	43154
2007 EO ₁₅₆	2009 11 22.5	03 52.38 +40 02.2 21.9	-1.07	- 1.5	5.3/26.1	46517
2006 BQ ₁₄₃	2009 11 22.5	03 52.40 +15 50.6 20.4	-0.91	- 2.6	1.5/21.8	64290
2004 PO ₄₉	2009 11 22.5	03 52.41 +18 09.1 19.5	-1.01	- 1.9	0.7/22.3	64221
2000 EX ₂₃	2009 11 22.5	03 52.43 +24 09.0 19.9	-1.15	- 2.9	1.7/23.0	59654
2002 VB ₁₂₆	2009 11 22.5	03 52.45 -14 06.4 18.1	-0.74	-18.5	16.6/08.5	64197
2007 JJ ₈	2009 11 22.5	03 52.45 +17 12.4 21.0	-0.91	- 5.1	0.9/22.0	63838
2002 CN ₈₆	2009 11 22.5	03 52.46 +42 18.2 20.1	-1.19	- 3.7	8.7/27.0	94595
2001 QE ₆₀	2009 11 22.5	03 52.46 +25 13.5 20.7	-1.13	- 2.9	1.7/23.4	64161
2008 OD ₁₈	2009 11 22.5	03 52.47 +31 07.3 19.9	-0.89	- 5.6	3.0/24.9	55496
2004 EP ₃₀	2009 11 22.5	03 52.51 +20 49.9 20.1	-1.11	- 4.1	10.1/13.0	64216
2004 RU ₆₁	2009 11 22.5	03 52.51 +25 18.9 20.4	-1.02	- 2.8	1.7/23.5	41811
2005 TB ₁₅₂	2009 11 22.5	03 52.55 +19 42.0 18.8	-1.06	- 1.4	0.2/22.5	64260
2002 EU ₁₃₆	2009 11 22.6	03 52.46 +33 06.2 19.5	-1.12	- 0.8	5.0/24.5	94710
2004 RO ₂₉	2009 11 22.6	03 52.46 -03 49.5 19.7	-0.93	- 0.3	8.8/19.2	97728
2001 RZ ₅₉	2009 11 22.6	03 52.52 +11 03.7 19.8	-1.05	- 2.0	3.1/21.2	13785
2001 XU ₇₆	2009 11 22.6	03 52.55 +23 29.8 19.3	-1.08	- 2.4	1.3/23.1	16188
2006 DA ₅₇	2009 11 22.6	03 52.55 +12 43.5 20.8	-0.79	- 1.8	2.0/21.4	60861
2005 SC ₁₆₅	2009 11 22.6	03 52.56 +16 32.4 20.8	-1.09	- 3.7	1.4/22.0	40143
2007 FK ₃₇	2009 11 22.6	03 52.57 +23 05.8 21.8	-0.90	- 1.4	0.8/23.1	26265
2007 EV ₆₃	2009 11 22.6	03 52.58 +16 33.3 21.3	-0.94	- 2.8	1.1/22.0	47422
2004 PH ₅₇	2009 11 22.6	03 52.58 +06 38.0 19.7	-0.93	- 3.0	5.4/20.4	62395
2004 SG ₄	2009 11 22.6	03 52.59 +05 15.4 20.0	-0.90	- 5.9	5.1/19.6	62402
2005 US ₅₂₅	2009 11 22.6	03 52.59 +20 21.7 19.9	-1.05	- 1.8	0.1/22.6	64271
2007 BZ ₁₁	2009 11 22.6	03 52.63 +35 10.1 19.9	-1.26	- 2.6	6.7/25.1	19695
2005 XX ₂₁	2009 11 22.6	03 52.63 +25 43.9 19.3	-1.10	- 1.7	2.3/23.5	64279
2002 QG ₅₆	2009 11 22.6	03 52.65 +24 44.9 20.4	-1.21	- 2.2	2.0/23.3	61269
2001 WD ₈	2009 11 22.6	03 52.67 +12 48.3 18.4	-0.97	- 3.7	3.0/21.3	64171
1998 WF ₃₀	2009 11 22.6	03 52.67 +21 42.7 19.2	-1.04	- 1.8	0.7/22.9	64147
2004 EU ₁₄	2009 11 22.6	03 52.72 +17 32.2 20.0	-1.15	- 1.1	1.0/22.3	43198

2005 UC ₁₆₂	2009 11 22.6	03 52.73 +14 01.2 18.9	-1.05	+	2.8	3.1/22.0	64265
2004 HE ₂₅	2009 11 22.6	03 52.73 +19 55.5 21.1	-1.08	-	2.3	0.1/22.6	90199
2003 SH ₁₀₇	2009 11 22.6	03 52.75 +18 10.0 19.8	-0.82	-	4.7	0.6/22.3	64208
2003 SW ₃₁₈	2009 11 22.6	03 52.76 +12 41.0 20.9	-0.82	-	4.7	2.5/21.2	08750
2005 QJ ₃₆	2009 11 22.6	03 52.77 +29 24.4 19.5	-1.23	-	2.4	4.0/24.2	39221
2006 YF ₃₉	2009 11 22.6	03 52.77 +30 58.0 19.7	-1.20	-	4.2	4.3/24.6	59784
2001 EH ₂₄	2009 11 22.6	03 52.78 +36 55.5 19.8	-1.06	-	2.9	5.4/25.6	47165
2001 QT ₂₉₄	2009 11 22.6	03 52.81 +18 18.0 18.3	-0.98	-	8.0	0.9/22.3	64162
2007 CD ₅	2009 11 22.6	03 52.81 +15 46.0 21.2	-1.06	-	3.1	1.7/21.9	19697
2000 EF ₂₀₈	2009 11 22.6	03 52.83 +08 34.8 20.8	-0.79	-	3.9	3.4/20.4	47144
2006 DV ₁₀₂	2009 11 22.6	03 52.83 +18 02.9 21.2	-0.85	-	2.6	0.6/22.3	63796
2006 AA ₈	2009 11 22.6	03 52.83 +02 53.7 20.0	-0.88	-	3.2	5.3/19.4	62474
2002 PV ₉₇	2009 11 22.6	03 52.85 +32 42.4 19.1	-1.38	-	1.3	5.6/24.6	64187
2004 FW ₈₄	2009 11 22.6	03 52.89 +26 32.0 18.9	-1.17	-	1.0	3.1/23.6	64217
2005 SF ₁₄₆	2009 11 22.6	03 52.90 +24 50.7 20.0	-1.19	-	1.3	1.8/23.4	64255
2001 TO ₃₅	2009 11 22.6	03 52.91 +33 19.8 18.4	-1.13	-	2.0	5.9/24.9	64165
2005 SS ₆₉	2009 11 22.6	03 52.97 +11 38.9 18.8	-1.24	+	6.8	4.1/23.0	38896
2007 BF ₁₇	2009 11 22.6	03 52.98 +04 42.7 20.3	-1.02	-	1.6	5.5/20.3	40706
2005 WJ ₄₅	2009 11 22.7	03 52.89 +18 32.0 18.6	-1.23	+	5.6	11.9/13.0	64274
2004 JG ₁₄	2009 11 22.7	03 52.91 +21 19.3 19.1	-1.21	+	0.7	0.5/22.8	64219
2007 BZ ₃₁	2009 11 22.7	03 52.91 +26 53.4 20.4	-1.15	-	5.1	2.6/23.9	18189
2007 RC ₂₈₈	2009 11 22.7	03 52.92 +26 12.4 20.2	-0.61	-	1.4	1.2/23.8	64323
2005 YM ₅₂	2009 11 22.7	03 52.96 +23 46.3 19.5	-0.96	-	4.9	1.3/23.4	96721
2006 BR ₃₃	2009 11 22.7	03 52.99 +33 51.8 20.2	-0.99	-	2.0	4.2/25.1	47377
2005 TC ₃₁	2009 11 22.7	03 53.00 +22 27.9 19.0	-1.10	-	1.2	1.0/23.0	64258
2006 AF ₇₉	2009 11 22.7	03 53.01 +23 28.3 20.2	-0.95	-	3.8	1.2/23.3	96957
2005 VC ₈₁	2009 11 22.7	03 53.02 +20 05.7 20.0	-1.05	-	1.2	9.0/03.0	64273
2004 RJ ₁₄₅	2009 11 22.7	03 53.02 +11 42.7 19.9	-0.91	-	3.1	3.4/21.3	19626
2006 EY ₇₁	2009 11 22.7	03 53.02 +26 48.1 20.4	-0.91	-	1.1	1.9/23.8	64295
2008 GL ₈₆	2009 11 22.7	03 53.05 +30 06.7 21.0	-1.34	-	1.2	4.0/24.2	41615
2004 KL ₁₃	2009 11 22.7	03 53.07 +04 53.4 20.7	-1.02	-	1.5	5.3/20.4	40686
2005 WO ₁₆₀	2009 11 22.7	03 53.08 +25 06.1 19.3	-1.07	-	2.1	1.9/23.5	64277
2001 QR ₅₉	2009 11 22.7	03 53.14 +29 03.1 19.6	-1.18	-	2.3	3.3/24.2	90065
2004 XG ₁₇₇	2009 11 22.7	03 53.14 +21 05.8 20.3	-0.86	-	1.9	0.3/22.9	64239
2001 YB ₄₀	2009 11 22.7	03 53.14 +28 14.2 18.1	-1.05	-	4.9	3.4/24.3	64176
2005 RU ₁₄	2009 11 22.7	03 53.16 +16 05.6 21.2	-1.07	-	3.4	1.8/22.1	97804
2005 UZ ₆₅	2009 11 22.7	03 53.17 +19 17.7 18.9	-1.00	-	6.1	0.4/22.6	64262
2000 FJ ₁	2009 11 22.7	03 53.19 -07 37.4 19.6	-0.88	+	1.6	7.7/18.8	22668
2008 MN	2009 11 22.7	03 53.20 -16 40.9 20.7	-0.83	-	1.8	10.1/17.0	41927
2004 RA ₂₂₇	2009 11 22.7	03 53.20 +25 47.6 19.5	-0.98	-	3.2	2.0/23.7	41814
2004 GT ₂₅	2009 11 22.7	03 53.25 +13 52.5 20.4	-1.04	-	6.1	2.8/21.5	74310
2006 AD ₇₃	2009 11 22.7	03 53.29 +16 03.5 20.0	-0.93	-	2.2	1.5/22.1	64287
2001 PZ ₁₈	2009 11 22.7	03 53.30 +12 29.2 20.0	-1.09	-	0.7	3.0/21.7	40093
2004 RH ₃₈	2009 11 22.7	03 53.31 +61 23.7 22.1	-1.89	-	0.2	11.8/01.4	60807
2008 FM ₂₁	2009 11 22.7	03 53.31 +16 22.5 20.8	-1.20	-	0.5	1.6/22.3	39011
2005 YT ₁₃₁	2009 11 22.7	03 53.32 +03 23.4 21.2	-0.82	-	1.0	4.6/20.2	20831
2006 FP ₁₉	2009 11 22.7	03 53.33 +21 32.4 20.4	-0.90	-	2.1	0.4/23.0	62483
2007 RG ₁₅₇	2009 11 22.7	03 53.33 +27 35.8 19.7	-0.61	-	1.3	1.4/24.1	58570
2003 SJ ₁₇₉	2009 11 22.7	03 53.36 +26 06.4 19.7	-0.97	-	0.1	1.9/23.6	64209
2005 QD ₁₆₁	2009 11 22.7	03 53.37 +18 48.0 19.4	-1.03	-	0.7	0.7/22.6	64250
2005 UH ₁₆₇	2009 11 22.7	03 53.38 +16 59.1 20.4	-1.02	-	5.8	1.4/22.2	64265

2004 SH ₄₃	2009 11 22.8	03 53.32 +40 25.4 20.9	-1.19	-	2.2	6.7/26.4	41815
2006 DY ₆₂	2009 11 22.8	03 53.33 +19 22.7 20.5	-0.82	-	0.0	0.2/22.7	64293
2006 DN ₁₉₆	2009 11 22.8	03 53.38 +28 39.0 20.4	-0.97	-	0.2	2.4/24.0	64294
2007 FU ₂₉	2009 11 22.8	03 53.39 +37 05.2 20.2	-1.16	-	0.9	5.3/25.5	20860
2000 DF ₁₆	2009 11 22.8	03 53.39 +25 44.8 19.3	-1.21	-	0.3	2.2/23.5	64152
2007 HD ₅₄	2009 11 22.8	03 53.40 +10 00.6 20.4	-0.91	-	3.3	3.7/21.0	31530
2005 YO ₂₁₇	2009 11 22.8	03 53.41 +08 52.8 19.1	-0.96	+	0.5	4.5/21.3	96856
2002 QB ₇₉	2009 11 22.8	03 53.42 +25 42.3 21.0	-0.89	-	1.9	1.7/23.7	64189
2008 HN ₃₂	2009 11 22.8	03 53.44 +15 25.9 19.8	-1.08	-	0.9	1.9/22.2	41649
2008 LU ₁₅	2009 11 22.8	03 53.46 +08 48.5 20.4	-1.08	+	0.1	4.1/21.4	41698
2005 TE ₈₆	2009 11 22.8	03 53.48 +18 31.6 19.7	-1.06	-	6.3	0.6/22.5	64259
2003 TK ₃₀	2009 11 22.8	03 53.51 +33 12.4 19.7	-1.04	+	0.5	4.2/24.6	02177
2005 RZ ₁₇	2009 11 22.8	03 53.60 +19 23.8 19.3	-1.13	-	1.2	0.4/22.7	24472
2001 TN ₁₆₉	2009 11 22.8	03 53.61 +42 13.8 19.2	-1.33	-	0.0	8.9/26.1	17960
2008 SK ₂₅₇	2009 11 22.8	03 53.64 +25 49.5 19.5	-0.62	-	0.6	1.1/23.8	51079
2006 GY ₄₄	2009 11 22.8	03 53.64 +19 44.0 21.0	-0.84	-	2.6	0.1/22.8	64295
2002 CN ₁₆	2009 11 22.8	03 53.66 +32 47.3 19.4	-1.11	-	3.2	4.6/25.0	47199
2003 BG ₆	2009 11 22.8	03 53.66 +09 40.6 18.5	-0.96	-	1.1	5.3/21.3	64200
2007 RL ₆	2009 11 22.8	03 53.67 +24 49.2 19.4	-0.60	-	2.4	0.9/23.7	64323
2003 HF ₅₈	2009 11 22.8	03 53.67 +25 31.6 21.9	-1.05	-	2.1	1.7/23.7	20307
2002 ES ₃₈	2009 11 22.8	03 53.67 -02 07.1 22.0	-0.86	-	2.4	7.1/19.0	19081
2008 QV ₂₈	2009 11 22.8	03 53.69 +40 26.6 20.2	-1.18	-	1.8	6.6/26.4	47457
2008 NS ₂	2009 11 22.8	03 53.71 +25 59.6 20.6	-0.93	-	3.1	1.8/23.9	47447
2006 BH ₁₀	2009 11 22.8	03 53.72 +22 25.5 20.6	-0.94	-	2.8	0.7/23.2	41840
2005 TD ₉₇	2009 11 22.8	03 53.77 +22 05.1 19.7	-1.08	-	3.6	0.8/23.0	64259
2003 QW ₉₈	2009 11 22.8	03 53.78 +35 07.2 20.9	-1.03	-	2.2	5.2/25.5	00495
1999 XA ₁₃₉	2009 11 22.8	03 53.81 +07 51.8 19.9	-0.90	+	0.7	4.3/21.3	64150
2005 WW ₁₅₀	2009 11 22.8	03 53.83 +22 52.5 18.7	-1.08	+	0.5	1.2/23.2	98009
2005 ST ₄₅	2009 11 22.8	03 53.83 +30 00.2 20.7	-1.20	-	1.6	3.9/24.4	14751
2005 TJ ₁₆₇	2009 11 22.9	03 53.73 +19 57.0 20.6	-1.07	-	3.5	9.4/03.0	64260
2000 DF ₉₇	2009 11 22.9	03 53.73 +09 41.8 19.4	-1.03	-	3.4	4.5/21.1	59654
2004 RF ₂₂₉	2009 11 22.9	03 53.78 +28 46.2 20.1	-1.03	-	2.0	3.0/24.3	59737
2005 CV ₂₇	2009 11 22.9	03 53.81 +44 56.1 19.1	-1.14	-	0.7	8.7/26.9	77811
2003 UH ₁₉₉	2009 11 22.9	03 53.84 +11 23.9 19.0	-0.79	-	6.2	3.0/21.1	64212
2004 XL ₂₀	2009 11 22.9	03 53.87 +14 24.0 19.4	-0.92	+	0.3	1.9/22.1	00867
2002 XX ₃₁	2009 11 22.9	03 53.90 +28 30.3 18.6	-1.11	-	5.8	3.7/24.5	64198
2006 BC ₂₆₆	2009 11 22.9	03 53.91 +08 53.0 20.5	-0.81	-	4.5	3.6/20.7	47385
2007 KP ₃	2009 11 22.9	03 53.91 +10 00.7 19.8	-0.95	+	1.2	3.1/21.7	31531
2000 CK ₇₉	2009 11 22.9	03 53.95 +18 48.9 19.7	-0.88	-	2.7	0.5/22.7	62302
2005 YB ₆	2009 11 22.9	03 53.95 +15 32.9 20.4	-1.03	-	1.2	1.8/22.2	98032
2002 AD ₁₈	2009 11 22.9	03 53.95 -05 08.7 19.5	-1.50	+10.0	12.1/22.3	40101	
2001 YQ ₁₂₇	2009 11 22.9	03 53.96 +19 22.9 17.8	-1.01	+	3.3	0.5/22.9	64177
2000 PH ₁₂	2009 11 22.9	03 54.00 +41 03.0 19.7	-1.21	-	5.8	8.0/27.6	97380
2000 CJ ₃₅	2009 11 22.9	03 54.06 +36 24.3 18.9	-0.98	-	3.9	4.9/26.1	47142
2006 EH ₁₀	2009 11 22.9	03 54.06 +01 15.5 19.3	-0.80	-	3.2	6.7/19.5	58043
2005 WG ₃₃	2009 11 22.9	03 54.08 +27 42.1 19.1	-1.06	-	8.0	2.7/24.6	97983
2005 SH ₂₃₂	2009 11 22.9	03 54.08 +29 02.0 19.4	-1.21	+	0.6	3.5/24.1	64257
2006 GL ₃₂	2009 11 22.9	03 54.15 +03 19.0 20.4	-0.80	-	3.6	5.2/19.7	49002
2007 PH ₄₇	2009 11 22.9	03 54.18 -05 42.2 20.6	-0.51	-	2.1	4.6/17.9	41876
2006 FU ₄₈	2009 11 22.9	03 54.19 -09 40.4 19.5	-0.84	+	0.3	8.6/18.0	21358
2006 QY ₃₀	2009 11 22.9	03 54.20 -27 08.4 19.8	-1.09	+	1.0	22.9/14.8	60864

2008 GH ₇₄	2009 11 22.9	03 54.21 +08 36.8 20.3	-1.09	- 1.3	5.0/21.4	62534
2002 WM ₃₀	2009 11 22.9	03 54.22 +19 38.1 20.1	-1.02	- 8.4	11.7/13.0	59408
2149 T-3	2009 11 22.9	03 54.23 +13 52.4 19.1	-0.90	- 5.8	2.1/21.7	64421
2002 RV ₅₃	2009 11 22.9	03 54.25 +09 57.9 19.9	-1.12	- 2.3	4.3/21.5	39170
2005 QK ₄₄	2009 11 22.9	03 54.25 +27 58.0 20.5	-1.17	- 3.0	3.6/24.3	90228
2005 YA ₁₁₅	2009 11 23.0	03 54.20 +21 12.1 19.6	-0.99	- 1.9	0.3/23.2	64283
2003 AR ₃	2009 11 23.0	03 54.22 -26 54.4 18.9	-1.09	+ 8.4	23.6/16.4	64199
2005 WM ₃₃	2009 11 23.0	03 54.25 +20 19.6 19.3	-1.04	+ 2.6	0.0/23.0	63762
2007 BY ₂₁	2009 11 23.0	03 54.26 +18 23.2 20.3	-1.13	- 2.3	0.8/22.7	59785
2004 TC ₂₃₉	2009 11 23.0	03 54.31 +20 07.3 20.0	-0.93	- 3.2	0.1/23.0	64233
2007 FU ₄₃	2009 11 23.0	03 54.31 +26 05.9 20.8	-1.07	- 1.5	2.0/23.9	22885
2006 BP ₂₆₃	2009 11 23.0	03 54.37 +07 56.5 20.5	-0.83	- 2.0	3.9/21.0	21176
2006 AB ₅₅	2009 11 23.0	03 54.37 +13 18.2 20.4	-0.91	- 3.1	2.4/21.8	47374
2006 DZ ₃	2009 11 23.0	03 54.38 +34 27.1 20.1	-1.02	- 1.8	4.5/25.4	47389
2005 WX ₁₁₄	2009 11 23.0	03 54.39 +13 30.3 20.4	-0.99	- 0.7	2.4/22.1	21351
2003 BB ₃₀	2009 11 23.0	03 54.43 +25 48.0 19.7	-1.12	- 3.9	2.1/24.0	64200
2000 HP	2009 11 23.0	03 54.43 +08 04.2 20.8	-0.79	- 5.2	3.7/20.5	47145
2001 XB ₁₇₂	2009 11 23.0	03 54.45 +21 42.1 18.9	-1.00	- 4.1	0.6/23.3	64174
2005 UP ₃₄₂	2009 11 23.0	03 54.48 +29 29.5 19.9	-1.15	- 1.4	3.6/24.4	62452
2003 SR ₂₇₄	2009 11 23.0	03 54.52 +23 44.9 20.0	-0.91	- 1.4	1.0/23.6	62377
2007 GE ₂₈	2009 11 23.0	03 54.55 +19 27.8 20.2	-1.06	+ 0.5	0.3/23.0	64318
2007 JN ₉	2009 11 23.0	03 54.55 +06 58.5 21.5	-0.75	- 3.6	3.3/20.6	47433
2004 RC ₂₆₉	2009 11 23.0	03 54.58 +10 31.6 20.4	-0.91	- 3.8	3.7/21.4	20800
2007 EC ₈₉	2009 11 23.0	03 54.60 +16 08.4 20.5	-1.01	- 2.3	1.5/22.4	64313
2006 PP ₃₁	2009 11 23.0	03 54.60 +33 39.2 19.7	-0.63	- 2.3	2.5/25.7	58532
2007 KP ₁	2009 11 23.0	03 54.62 +06 09.2 21.7	-0.78	- 3.3	3.8/20.5	47435
2005 TA ₁₅	2009 11 23.0	03 54.66 +27 32.1 19.8	-0.98	- 7.0	3.6/24.7	89889
2006 DS ₁₂₂	2009 11 23.1	03 54.58 +03 26.3 20.4	-0.85	+ 0.1	4.6/20.7	60861
2005 PB ₄	2009 11 23.1	03 54.61 +26 06.2 20.5	-1.25	- 4.0	2.3/24.1	90221
2005 TE ₃₅	2009 11 23.1	03 54.62 +15 23.8 20.6	-1.07	- 2.9	1.9/22.3	64258
2006 DZ ₁₃₈	2009 11 23.1	03 54.67 +02 27.3 19.5	-0.83	- 1.8	6.4/20.2	43262
2008 GO ₁₀	2009 11 23.1	03 54.68 +16 28.4 20.2	-1.11	- 3.9	1.6/22.5	64329
2007 DQ ₆₄	2009 11 23.1	03 54.72 +21 24.6 20.7	-1.03	- 2.6	0.4/23.3	64309
2003 SW ₁₅₇	2009 11 23.1	03 54.72 +23 07.8 19.7	-0.89	- 3.8	1.0/23.6	74280
2004 FL ₄₅	2009 11 23.1	03 54.73 +15 05.4 20.3	-1.07	- 2.1	1.9/22.3	60800
2000 WL ₁₀₃	2009 11 23.1	03 54.75 +00 34.1 18.5	-0.95	+ 1.4	7.8/20.8	64157
2005 UN ₄₄₆	2009 11 23.1	03 54.77 +20 20.7 19.6	-1.05	- 6.2	0.0/23.1	64270
2005 WN ₁₈₂	2009 11 23.1	03 54.78 -04 22.7 18.4	-0.98	+ 4.6	11.7/20.6	64278
2004 RQ ₂₁₇	2009 11 23.1	03 54.78 +25 36.2 18.7	-0.95	- 7.8	2.0/24.3	64226
2005 YB ₅₆	2009 11 23.1	03 54.78 +20 51.9 19.4	-1.02	- 3.1	0.2/23.2	64281
2005 SV ₆₁	2009 11 23.1	03 54.80 +26 33.7 19.4	-1.16	- 0.7	2.9/24.0	19652
2002 AK ₆₀	2009 11 23.1	03 54.81 -15 24.3 19.3	-0.93	+ 0.9	13.2/17.6	40363
2005 RU ₄₇	2009 11 23.1	03 54.83 +23 27.5 19.4	-1.17	+ 2.3	1.5/23.5	63722
2006 WO ₆₉	2009 11 23.1	03 54.84 +12 45.8 19.4	-1.09	- 2.0	3.5/22.0	16368
2004 BP ₁₄₂	2009 11 23.1	03 54.84 +12 47.1 21.0	-1.15	- 1.4	3.5/22.1	21809
2005 QG ₁₀₇	2009 11 23.1	03 54.87 +25 34.4 19.5	-1.21	- 1.1	2.0/23.9	62428
2000 SS ₂₅₄	2009 11 23.1	03 54.91 +00 10.0 20.2	-0.89	- 4.6	7.6/19.4	19528
1998 SK ₂₀	2009 11 23.1	03 55.01 +12 29.6 21.0	-0.89	- 3.2	2.8/21.9	84464
2003 UB ₃₅₁	2009 11 23.1	03 55.02 +04 53.0 19.7	-0.79	- 3.7	5.0/20.3	64213
2004 GH ₄₉	2009 11 23.1	03 55.03 +26 31.5 19.8	-1.20	- 1.9	2.8/24.1	18070
2005 XV ₁₀₂	2009 11 23.1	03 55.03 +12 12.1 19.7	-0.94	- 0.7	3.5/22.0	98030

2008 QS ₆	2009 11 23.1	03 55.04 +32 47.1 20.3	-1.03	- 2.5	3.8/25.3	42995
2005 UC ₈₇	2009 11 23.1	03 55.05 +11 08.0 20.6	-0.99	- 5.8	3.3/21.5	39241
2000 SX ₁₃₂	2009 11 23.1	03 55.07 +39 16.0 20.2	-1.18	- 4.5	6.3/27.0	16144
2002 AC ₂₀₅	2009 11 23.2	03 55.00 +25 14.7 19.3	-1.08	- 1.8	1.8/23.9	64179
2007 LM ₅	2009 11 23.2	03 55.03 +03 46.6 19.9	-0.78	- 4.6	5.3/20.0	64323
2007 EQ ₅₉	2009 11 23.2	03 55.03 +17 47.2 20.2	-1.06	- 2.1	0.9/22.8	64312
2005 SL ₁₇₁	2009 11 23.2	03 55.09 +18 56.7 18.7	-0.99	- 5.2	0.7/23.0	64255
2005 NT ₉₅	2009 11 23.2	03 55.14 +11 43.3 19.2	-1.08	- 0.3	4.2/22.1	62424
2007 EE ₁₇₄	2009 11 23.2	03 55.15 +33 15.9 20.8	-1.15	- 1.6	4.6/25.2	17848
2008 JZ ₂₅	2009 11 23.2	03 55.17 +18 15.3 20.0	-1.11	- 6.1	0.8/22.8	63858
2005 SD ₈₁	2009 11 23.2	03 55.18 +22 54.9 21.0	-1.14	- 2.5	0.9/23.6	64254
2005 YG ₁₂₀	2009 11 23.2	03 55.18 +22 02.0 20.4	-0.96	- 4.0	0.6/23.5	41837
2001 UW ₁₀₈	2009 11 23.2	03 55.19 +13 53.3 19.1	-0.97	- 4.9	2.6/22.1	64168
2004 RZ ₅₀	2009 11 23.2	03 55.23 +06 43.5 20.1	-0.92	- 2.4	4.7/21.0	40127
2008 QL ₂₆	2009 11 23.2	03 55.23 +12 45.9 20.9	-0.86	- 1.9	2.2/22.0	46624
2004 TP ₂₄₅	2009 11 23.2	03 55.24 +26 56.4 19.9	-1.03	- 1.2	2.4/24.2	64233
2001 VN ₇₈	2009 11 23.2	03 55.28 -07 34.5 18.5	-1.57	+16.5	15.0/24.7	62327
2005 GK ₁₃₆	2009 11 23.2	03 55.29 -10 18.7 19.5	-0.96	-17.4	15.2/12.6	22504
2007 DR ₃₂	2009 11 23.2	03 55.33 +32 30.2 19.9	-1.22	- 1.2	5.7/25.0	22876
2001 FZ ₉₀	2009 11 23.2	03 55.33 +23 38.0 20.2	-1.14	- 4.8	1.2/23.8	47165
2002 OR ₂₈	2009 11 23.2	03 55.35 +25 24.3 18.5	-1.05	- 8.8	2.5/24.4	64187
2008 SO ₄₂	2009 11 23.2	03 55.35 +24 37.0 20.6	-0.60	- 1.3	0.8/24.0	50231
2001 VY ₁₂₅	2009 11 23.2	03 55.35 +19 13.8 19.7	-0.97	- 4.9	0.5/23.1	64171
2003 UF ₅₁	2009 11 23.2	03 55.37 +29 38.0 19.1	-0.90	- 6.1	2.8/25.2	64211
2004 FK ₁₈	2009 11 23.2	03 55.41 +10 50.5 21.6	-1.10	- 1.4	4.0/21.9	62388
2005 SH ₂₂₁	2009 11 23.2	03 55.43 +11 54.3 19.7	-0.99	- 5.6	3.6/21.7	21838
2002 TF ₇₁	2009 11 23.2	03 55.43 +30 02.4 18.6	-1.25	- 6.4	4.1/25.2	64193
2003 UW ₈₃	2009 11 23.2	03 55.46 +36 29.5 19.5	-0.97	- 5.0	4.6/26.6	47270
2005 MP ₂₄	2009 11 23.2	03 55.48 +18 57.2 20.1	-1.20	- 0.8	0.6/23.1	39215
2003 SK ₄₁₈	2009 11 23.2	03 55.48 +05 51.3 20.3	-0.81	- 1.5	4.5/21.0	64210
2004 RK ₂₀₅	2009 11 23.2	03 55.49 +25 03.8 18.3	-1.09	+ 2.1	1.9/23.8	62400
2006 SB ₃₆₈	2009 11 23.2	03 55.50 -04 51.6 20.4	-1.07	-14.6	12.0/16.5	53551
2005 YR ₁₉₁	2009 11 23.3	03 55.42 +24 46.1 20.3	-0.99	- 2.9	1.6/24.0	01190
2006 AJ ₅₇	2009 11 23.3	03 55.43 -00 40.4 20.0	-0.96	+ 1.3	8.8/20.5	26122
2000 HC ₁₉	2009 11 23.3	03 55.43 +22 25.1 20.9	-1.09	- 2.5	0.7/23.6	22377
2007 CX ₄₅	2009 11 23.3	03 55.46 +25 35.1 20.7	-1.13	- 4.4	2.0/24.2	64306
2008 UT ₂₃₀	2009 11 23.3	03 55.48 +21 49.7 20.1	-0.60	- 2.2	0.3/23.6	63869
2006 BP ₁₂₈	2009 11 23.3	03 55.50 +33 41.8 21.1	-1.00	- 2.6	4.2/25.6	43255
2005 QZ ₁₇₇	2009 11 23.3	03 55.52 +23 58.6 19.1	-0.98	- 3.5	1.8/23.9	18119
2000 CQ ₁₂₀	2009 11 23.3	03 55.54 -15 34.8 19.2	-0.83	- 1.4	11.9/15.9	99936
2003 GH ₃₄	2009 11 23.3	03 55.57 -03 59.3 20.6	-0.88	- 2.3	7.5/19.2	47247
1999 JC ₅₃	2009 11 23.3	03 55.58 +13 33.5 19.4	-0.92	- 5.5	2.2/22.0	64148
2001 FV ₁₅₈	2009 11 23.3	03 55.60 +30 44.1 20.2	-0.94	- 0.9	2.8/25.0	47166
2007 HC ₅₅	2009 11 23.3	03 55.62 +04 15.2 21.3	-0.85	- 4.2	4.9/20.3	55325
2008 GV ₁₃₀	2009 11 23.3	03 55.63 +09 13.9 20.8	-0.98	- 2.1	3.8/21.7	40764
2006 HX ₃₉	2009 11 23.3	03 55.63 +17 06.7 19.8	-0.99	+ 1.7	1.1/23.0	14281
2008 GU ₁₁₁	2009 11 23.3	03 55.66 +28 10.3 20.5	-1.37	+ 3.9	2.5/24.1	40763
2003 BV ₅₇	2009 11 23.3	03 55.73 +23 12.8 19.4	-1.10	- 3.3	1.2/23.8	64200
2002 TP ₃₀₈	2009 11 23.3	03 55.73 +11 47.3 20.9	-1.13	- 1.8	3.5/22.2	39176
2005 SX ₁₄₅	2009 11 23.3	03 55.76 +17 03.0 19.8	-1.02	- 1.6	1.6/22.9	64255
2005 YL ₁₅₄	2009 11 23.3	03 55.77 +32 16.1 19.2	-1.03	- 3.5	5.3/25.5	98059

2005 QX ₃₉	2009 11 23.3	03 55.81 +31 59.4 20.6	-1.24 - 5.1	4.4/25.6	95703
2007 EV ₈₅	2009 11 23.3	03 55.87 +23 54.2 20.5	-1.10 0.0	1.2/23.8	64313
2008 RH ₁₀₆	2009 11 23.3	03 55.88 +34 42.5 19.8	-0.97 - 3.0	4.8/26.0	46697
2008 GS ₆₂	2009 11 23.3	03 55.88 +14 09.2 20.0	-1.10 - 6.3	2.6/22.2	64330
2008 GG ₁₂₈	2009 11 23.3	03 55.88 -16 10.5 20.7	-1.08 + 2.6	12.9/19.7	40593
2006 BD ₅	2009 11 23.3	03 55.90 +21 54.4 20.1	-0.97 - 3.3	0.7/23.7	64288
2005 QD ₆	2009 11 23.3	03 55.93 +22 41.0 20.2	-1.16 - 3.8	0.9/23.8	39220
2005 QK ₃₅	2009 11 23.4	03 55.85 +34 10.7 19.1	-1.24 - 1.2	6.2/25.5	64247
1999 TK ₁₁₀	2009 11 23.4	03 55.92 +00 21.1 18.2	-0.72 - 9.2	9.1/18.2	64149
2008 JC ₃₅	2009 11 23.4	03 55.92 -12 18.2 20.6	-1.16 + 4.6	11.5/20.9	40772
2004 TT ₁₄₀	2009 11 23.4	03 55.95 +33 21.6 19.7	-1.06 + 0.8	6.0/25.1	00810
2005 RE ₄₀	2009 11 23.4	03 55.96 +18 18.7 19.3	-1.08 - 3.6	0.9/23.1	64251
2006 JJ ₆₂	2009 11 23.4	03 55.96 -02 53.4 20.3	-0.79 - 1.7	6.6/19.6	47412
2002 AB ₁₄₇	2009 11 23.4	03 55.96 +16 29.8 19.2	-0.98 - 2.9	1.7/22.8	64178
2005 AM ₂₆	2009 11 23.4	03 56.01 +18 31.0 19.6	-0.90 - 0.6	0.6/23.2	64239
2004 RS ₈₀	2009 11 23.4	03 56.05 +24 54.2 20.8	-1.02 - 2.5	1.4/24.2	64224
2007 EY ₄₆	2009 11 23.4	03 56.05 +17 53.8 21.1	-1.05 - 3.4	1.0/23.0	19713
2005 NN ₅₅	2009 11 23.4	03 56.13 +16 09.6 19.6	-1.18 + 0.8	1.9/23.0	64244
2007 GL ₄₇	2009 11 23.4	03 56.13 +14 09.7 19.9	-0.93 - 7.4	2.2/22.1	64319
2006 BF ₁₀	2009 11 23.4	03 56.15 +23 33.3 20.8	-0.91 - 2.7	0.9/24.0	47376
2003 CX ₇	2009 11 23.4	03 56.15 +16 07.4 18.8	-1.04 - 1.5	2.0/22.8	64201
2003 SP ₂₁₀	2009 11 23.4	03 56.15 +01 55.6 20.3	-0.85 - 4.7	6.2/20.2	39731
1998 SA ₂₇	2009 11 23.4	03 56.19 +38 25.9 18.6	-1.12 + 3.1	7.9/25.5	64146
2004 FO ₂₁	2009 11 23.4	03 56.22 +12 23.4 19.6	-1.05 - 6.0	3.5/22.0	16265
2005 XN ₅₉	2009 11 23.4	03 56.24 +23 37.5 18.5	-0.99 - 2.9	1.5/24.0	96632
2002 RJ ₆₁	2009 11 23.4	03 56.24 +27 39.7 18.6	-1.27 + 0.4	3.6/24.4	63632
2005 SM ₂₄₉	2009 11 23.4	03 56.25 +19 56.7 20.4	-1.06 - 3.4	0.2/23.4	47353
2001 QN ₂₃₃	2009 11 23.4	03 56.29 +11 54.1 19.5	-1.00 - 3.7	3.8/22.1	40094
2004 CO ₄₅	2009 11 23.4	03 56.32 +20 46.3 19.4	-1.20 - 1.0	0.2/23.5	64215
2003 SB ₃₂₂	2009 11 23.5	03 56.27 +05 08.3 19.6	-0.81 - 1.4	4.8/21.1	47265
2005 YL ₄₃	2009 11 23.5	03 56.27 +07 11.9 20.8	-0.92 - 1.1	4.4/21.5	26114
2005 QC ₁₃₅	2009 11 23.5	03 56.31 +14 50.5 19.9	-1.06 - 2.9	2.4/22.6	21822
2005 TR ₆₈	2009 11 23.5	03 56.32 +26 19.1 19.7	-1.22 - 1.4	2.3/24.3	64259
2002 PX ₁₇₂	2009 11 23.5	03 56.32 -02 14.9 22.2	-0.77 - 1.1	5.6/19.8	58433
2004 PP ₅₉	2009 11 23.5	03 56.36 +00 55.5 20.5	-0.91 - 2.6	7.0/20.3	18080
2007 GJ ₃₃	2009 11 23.5	03 56.37 +18 08.2 21.6	-0.87 - 2.8	0.7/23.1	43279
2005 UE ₄₁₉	2009 11 23.5	03 56.37 +17 18.0 21.2	-1.05 - 2.2	1.1/23.0	64270
2007 DP ₇₂	2009 11 23.5	03 56.38 +41 22.6 22.0	-1.23 - 1.2	6.6/26.9	17768
2008 TS ₅₄	2009 11 23.5	03 56.39 +24 12.6 20.2	-0.61 - 1.3	0.8/24.2	50401
2002 RR ₂₇₇	2009 11 23.5	03 56.40 +36 16.2 20.9	-0.91 - 3.0	3.8/26.5	47231
2006 DA ₆₁	2009 11 23.5	03 56.40 +07 49.5 20.1	-0.82 - 4.4	4.2/21.1	62481
2003 UQ ₃₀₄	2009 11 23.5	03 56.42 +25 42.7 19.6	-0.89 - 4.6	1.5/24.5	64212
2007 LD ₂₇	2009 11 23.5	03 56.44 -00 35.7 21.3	-0.75 - 3.1	5.7/19.7	47437
2007 BH ₂₂	2009 11 23.5	03 56.45 +28 45.2 21.0	-1.21 - 3.0	3.2/24.8	56087
2004 RB ₁₆	2009 11 23.5	03 56.45 +02 31.5 20.7	-0.90 - 3.6	6.1/20.5	19621
2002 KE ₁₆	2009 11 23.5	03 56.47 +01 43.0 20.7	-0.82 + 0.2	5.0/21.0	59393
2003 TR ₄₆	2009 11 23.5	03 56.48 +40 20.3 19.8	-1.11 + 0.2	6.4/26.5	22754
2007 CG ₃₆	2009 11 23.5	03 56.51 +09 14.0 20.0	-1.04 - 1.6	4.5/21.9	38127
2005 OH ₁₅	2009 11 23.5	03 56.52 +27 45.1 20.0	-1.27 - 0.8	2.9/24.5	64245
2005 YB ₁₁₄	2009 11 23.5	03 56.58 +33 19.9 20.2	-1.07 - 3.3	4.5/25.8	60446
2004 RE ₈₉	2009 11 23.5	03 56.60 +18 00.1 17.9	-0.93 - 6.5	1.1/23.1	63681

2005 SY ₂	2009 11 23.5	03 56.62 +16 16.3 19.8	-1.05 - 3.2	1.9/22.9	58508
1996 HV ₁₄	2009 11 23.5	03 56.62 +31 53.0 19.6	-1.06 + 1.3	3.5/25.0	47128
1998 WU ₂	2009 11 23.5	03 56.68 +17 28.0 19.4	-0.83 - 6.7	1.0/23.0	64147
2003 NA ₆	2009 11 23.5	03 56.69 +23 20.6 19.6	-0.89 - 9.1	1.1/24.3	63657
2003 SQ ₃₀₁	2009 11 23.5	03 56.73 +02 35.3 18.2	-0.77 - 1.7	7.6/20.6	64210
2005 XE ₇₈	2009 11 23.5	03 56.76 +24 58.9 18.5	-1.30 + 7.5	2.0/23.8	64280
2007 EH ₄₄	2009 11 23.5	03 56.76 +19 43.2 19.6	-1.03 - 4.3	0.3/23.5	19712
2003 YN ₁₅₈	2009 11 23.5	03 56.77 +38 07.3 19.2	-0.97 - 6.3	5.0/27.5	47287
1995 SQ ₆₇	2009 11 23.6	03 56.73 +09 32.1 20.4	-0.53 - 2.1	2.1/21.6	64144
2006 DS ₅₀	2009 11 23.6	03 56.74 +06 36.4 20.0	-0.88 - 2.4	5.0/21.4	40161
2005 QU ₁₂₃	2009 11 23.6	03 56.77 +09 41.2 21.2	-1.05 - 3.5	4.2/21.9	62428
2007 HF ₄₆	2009 11 23.6	03 56.78 -00 19.8 20.1	-0.97 - 0.4	7.4/20.6	22889
2003 NG ₁₀	2009 11 23.6	03 56.79 +22 51.8 20.2	-0.91 - 5.0	0.8/24.1	74259
2005 TP ₁₃₁	2009 11 23.6	03 56.82 +23 08.9 20.0	-1.15 - 1.5	1.1/24.0	64259
2001 XP ₂₂₄	2009 11 23.6	03 56.83 +13 15.2 19.0	-1.32 +10.5	3.4/23.5	60754
2005 UX ₁₃₇	2009 11 23.6	03 56.84 +22 28.5 20.1	-1.09 - 1.1	1.0/23.9	62447
2007 EU ₁₈₂	2009 11 23.6	03 56.84 +18 37.1 19.8	-0.98 - 4.6	0.6/23.3	62515
2003 RM ₉	2009 11 23.6	03 56.88 +07 13.1 19.0	-0.76 - 7.4	5.4/20.8	63659
1998 YQ ₂₁	2009 11 23.6	03 56.89 +11 14.5 19.3	-0.98 - 0.1	4.6/22.4	62296
2007 RJ ₂₈₃	2009 11 23.6	03 56.91 +24 44.6 19.1	-0.59 - 3.2	0.9/24.5	64323
2005 SD ₆	2009 11 23.6	03 56.92 +21 00.4 20.5	-1.08 - 4.6	0.2/23.7	64252
2008 HT ₁₇	2009 11 23.6	03 56.95 +14 53.5 20.3	-1.17 + 2.5	2.1/23.1	41644
2005 QH ₁₃₈	2009 11 23.6	03 56.95 +19 59.7 19.6	-1.04 - 1.3	0.2/23.6	63719
2005 UL ₅₀₅	2009 11 23.6	03 56.96 +04 04.1 20.3	-0.80 - 1.5	4.8/21.1	26089
2001 PA ₆₆	2009 11 23.6	03 56.97 +24 29.2 19.3	-1.10 - 2.5	1.9/24.3	64161
2004 RV ₆₉	2009 11 23.6	03 57.02 +29 12.9 20.2	-1.07 - 1.7	3.2/25.0	37360
2005 YP ₂₀₆	2009 11 23.6	03 57.04 +32 40.0 18.7	-1.01 - 8.3	5.2/26.4	57434
2005 YN ₁₇₈	2009 11 23.6	03 57.05 +15 10.2 20.4	-0.93 - 2.8	1.8/22.8	64284
2006 CO	2009 11 23.6	03 57.08 +07 36.1 19.4	-0.86 - 5.0	5.1/21.2	20840
2004 NA ₁₅	2009 11 23.6	03 57.14 +37 01.2 20.3	-1.15 - 6.3	5.7/27.2	40686
2007 GE	2009 11 23.6	03 57.18 +11 49.9 19.9	-0.94 - 3.9	3.0/22.2	41870
2004 RF ₆₂	2009 11 23.6	03 57.20 +28 30.9 18.8	-1.04 - 2.1	3.2/25.0	64223
2003 UP ₅₈	2009 11 23.6	03 57.20 +33 21.9 20.6	-1.01 - 1.8	3.9/25.9	46073
2005 XF ₆₅	2009 11 23.7	03 57.11 +16 53.3 18.5	-0.96 - 6.6	1.4/23.0	64279
2002 RP ₂₄₄	2009 11 23.7	03 57.11 +10 58.2 19.9	-1.08 - 1.2	4.6/22.4	16221
1998 WJ ₃₉	2009 11 23.7	03 57.12 +17 43.9 20.4	-0.87 - 2.1	1.0/23.3	64147
2004 CT ₁₁₁	2009 11 23.7	03 57.12 +17 24.3 20.5	-1.13 - 2.7	1.2/23.2	12868
2005 YW ₂₅₃	2009 11 23.7	03 57.15 +29 36.2 21.4	-1.10 - 4.1	3.7/25.3	98071
2002 CR ₂₆₅	2009 11 23.7	03 57.15 +29 54.8 20.8	-1.10 - 2.7	3.4/25.2	43148
2005 SO ₂₆₄	2009 11 23.7	03 57.17 +16 57.8 20.9	-1.03 - 2.3	1.6/23.2	35929
2005 TY ₁₄₇	2009 11 23.7	03 57.17 +16 10.9 20.1	-1.04 - 1.6	1.9/23.1	20407
2005 UL ₃₇₁	2009 11 23.7	03 57.18 +21 04.5 19.9	-1.03 - 3.0	0.3/23.8	64269
1998 HD ₁₅₄	2009 11 23.7	03 57.20 +18 28.8 20.6	-0.89 - 4.1	0.6/23.4	64146
2001 YM ₂₇	2009 11 23.7	03 57.23 +17 37.4 19.0	-1.10 + 0.9	1.2/23.4	64176
2001 XS ₁₃₅	2009 11 23.7	03 57.24 +10 21.6 19.6	-1.03 + 0.7	3.4/22.5	62332
2007 GA ₃₈	2009 11 23.7	03 57.24 +09 24.5 20.4	-0.83 - 4.5	3.5/21.7	41871
2006 BZ ₂₅₈	2009 11 23.7	03 57.24 +32 47.0 20.2	-0.98 - 2.0	3.7/25.8	47385
2006 DH ₁₈₈	2009 11 23.7	03 57.30 +20 09.8 20.8	-0.88 - 2.1	0.1/23.7	38086
2001 JU ₇	2009 11 23.7	03 57.31 +20 11.4 20.7	-0.85 - 0.8	0.1/23.7	64160
2006 AE ₆₃	2009 11 23.7	03 57.38 +31 24.9 20.5	-1.00 - 3.4	3.4/25.7	52444
2000 CL ₁₄₁	2009 11 23.7	03 57.41 +31 45.4 20.2	-0.93 - 3.0	3.3/25.8	47142

2004 RB ₉₄	2009 11 23.7	03 57.43 +33 17.4 19.6	-1.06 - 4.6	5.1/26.2	59732
2005 OW ₁₀	2009 11 23.7	03 57.45 +22 27.9 18.5	-1.19 + 1.5	0.9/24.0	64245
2008 QG ₂₁	2009 11 23.7	03 57.48 +32 18.6 19.9	-0.93 - 3.9	3.5/26.0	50148
2004 XK ₁₂₃	2009 11 23.7	03 57.51 +14 39.1 19.2	-0.93 + 0.4	1.8/23.0	60821
2007 JN ₁₈	2009 11 23.7	03 57.56 +04 00.8 21.5	-0.84 + 0.5	4.4/21.6	20886
2007 HE ₁	2009 11 23.7	03 57.58 +26 27.5 19.7	-1.08 + 0.6	2.0/24.6	64320
2006 FJ ₃₈	2009 11 23.7	03 57.59 +40 43.2 20.9	-1.14 + 0.6	6.1/26.6	21856
2005 TT ₁₆₁	2009 11 23.7	03 57.62 +26 43.8 20.5	-1.12 - 2.5	2.5/24.8	64260
2007 BX ₇₉	2009 11 23.7	03 57.64 +32 00.4 20.7	-1.21 - 2.8	4.9/25.6	40707
2007 DA ₁₁₀	2009 11 23.8	03 57.54 +23 12.8 20.6	-1.04 - 2.2	1.0/24.2	39834
2006 BU ₂₂₆	2009 11 23.8	03 57.55 +04 57.9 20.3	-0.78 - 0.9	3.9/21.4	62479
2005 YR ₁₈₉	2009 11 23.8	03 57.58 +16 07.6 20.7	-0.95 - 2.6	1.6/23.1	64284
2003 GF ₁₆	2009 11 23.8	03 57.61 +16 16.6 20.0	-1.02 - 0.9	1.5/23.2	59083
2004 TO ₁₅₆	2009 11 23.8	03 57.65 +17 35.0 20.2	-0.94 - 2.6	1.0/23.4	46207
2007 DK ₇	2009 11 23.8	03 57.71 +17 24.8 20.1	-1.07 - 2.8	1.4/23.4	64307
2001 VD ₃₇	2009 11 23.8	03 57.71 +20 42.8 17.8	-0.98 - 8.5	0.1/23.9	64169
2007 FQ ₂₈	2009 11 23.8	03 57.74 +23 49.8 20.6	-1.10 - 3.0	1.3/24.4	64317
2008 UZ ₂₃₅	2009 11 23.8	03 57.75 +21 23.3 19.7	-0.57 - 2.3	0.2/24.0	51097
2002 CO ₁₆₆	2009 11 23.8	03 57.79 +41 04.0 19.2	-1.24 - 0.7	8.1/26.9	97569
2007 ET ₇₄	2009 11 23.8	03 57.80 +17 11.2 21.0	-0.90 - 3.1	0.9/23.3	47422
2007 LA ₉	2009 11 23.8	03 57.81 +18 38.5 19.4	-0.97 - 7.2	0.7/23.5	64323
2005 XM ₅₉	2009 11 23.8	03 57.82 +23 53.9 19.3	-1.03 - 2.9	1.4/24.4	18165
2005 SV ₈₃	2009 11 23.8	03 57.82 +27 19.8 19.6	-1.21 - 1.9	2.9/24.8	64254
2005 QJ ₆₉	2009 11 23.8	03 57.83 +22 59.5 18.9	-1.22 - 0.4	1.1/24.2	90231
2007 CP ₅₁	2009 11 23.8	03 57.85 +05 36.7 20.4	-0.97 - 3.9	5.2/21.3	47419
2001 XX ₆	2009 11 23.8	03 57.86 -33 51.1 19.3	-1.52 + 9.9	23.5/20.4	40099
2005 XA ₄₀	2009 11 23.8	03 57.86 +23 18.3 21.1	-0.96 - 2.9	0.9/24.3	47364
2004 PY ₉₁	2009 11 23.8	03 57.86 +37 48.5 20.7	-1.16 - 5.0	5.9/27.4	70387
2006 AY ₁₀₄	2009 11 23.8	03 57.88 +04 33.0 20.0	-0.90 - 1.2	6.4/21.6	59770
2005 YP ₁₁₃	2009 11 23.8	03 57.89 +19 33.3 19.7	-1.00 - 0.7	0.3/23.7	64283
2001 PY ₂₁	2009 11 23.8	03 57.92 +24 29.4 19.7	-1.13 - 5.0	1.6/24.6	64161
2002 RX ₂₇₃	2009 11 23.8	03 57.95 +15 05.1 21.5	-1.16 - 3.1	2.2/23.1	37966
2002 TS ₁₀₁	2009 11 23.8	03 57.95 +33 21.1 19.3	-1.25 - 2.2	5.9/25.9	14674
2004 XN ₃₁	2009 11 23.8	03 57.97 +31 37.0 20.2	-0.91 - 4.2	3.0/26.0	47330
2005 QX ₄₆	2009 11 23.8	03 58.02 +18 25.6 18.5	-1.08 - 1.6	1.0/23.6	64248
2005 SB ₁₉₉	2009 11 23.8	03 58.04 +14 07.8 20.4	-1.03 - 4.7	2.6/22.8	40399
2007 GL ₆₁	2009 11 23.8	03 58.04 +24 35.7 21.3	-0.97 - 3.2	1.4/24.6	43280
2002 CF ₁₀	2009 11 23.8	03 58.07 +60 19.9 19.0	-2.01 + 1.5	20.8/30.7	58424
2002 CY ₃₁₀	2009 11 23.9	03 57.97 +23 36.4 19.8	-1.02 - 2.2	1.3/24.4	94669
2004 XY ₁₂₅	2009 11 23.9	03 57.98 +25 12.0 18.6	-1.12 + 4.4	1.8/24.3	64238
2004 GP ₃₁	2009 11 23.9	03 58.00 +21 13.3 20.5	-1.10 - 2.2	0.3/24.0	62390
2007 BO ₄₆	2009 11 23.9	03 58.03 +09 16.3 20.2	-1.06 - 0.8	5.2/22.4	20515
2005 QH ₃₃	2009 11 23.9	03 58.07 +22 03.7 21.0	-1.16 - 3.5	0.6/24.2	64247
2005 NZ ₁₅	2009 11 23.9	03 58.11 +17 10.0 21.5	-1.16 - 1.6	1.4/23.5	97786
2008 JJ ₁₁	2009 11 23.9	03 58.11 +08 21.7 20.7	-1.03 - 2.7	4.8/22.1	41669
2002 OC ₃₂	2009 11 23.9	03 58.17 +10 54.7 21.6	-1.18 - 1.0	4.0/22.7	48870
2003 SK ₂₇₉	2009 11 23.9	03 58.18 +02 46.3 19.3	-0.84 - 0.1	6.7/21.5	31285
2006 DT ₄₈	2009 11 23.9	03 58.22 +16 49.3 20.1	-0.93 - 2.4	1.4/23.4	01355
2005 YH ₂₀₀	2009 11 23.9	03 58.22 +03 41.6 20.6	-0.99 + 0.3	6.0/21.6	96842
2007 CH ₉	2009 11 23.9	03 58.27 +23 28.5 21.4	-1.10 - 3.2	1.1/24.4	47418
2006 BW ₅₆	2009 11 23.9	03 58.28 +13 21.6 19.3	-0.92 - 2.2	2.7/22.9	59770

2003 UC ₂₅	2009 11 23.9	03 58.29 +33 30.2 19.9	-0.98 - 1.3	4.0/26.1	47268
2005 MR ₃₅	2009 11 23.9	03 58.33 +13 07.2 19.0	-1.04 - 0.2	3.7/23.0	64243
2007 DR ₁₁₂	2009 11 23.9	03 58.34 +20 43.1 19.5	-1.02 - 1.7	0.1/24.0	64310
2006 JL ₄₆	2009 11 23.9	03 58.35 +29 13.9 20.5	-1.03 + 1.8	2.6/25.0	64296
2003 SY ₃₀	2009 11 23.9	03 58.37 +27 56.5 19.1	-0.95 - 1.6	2.6/25.2	64207
2008 PQ ₇	2009 11 23.9	03 58.37 +32 38.5 20.8	-1.06 - 4.8	3.8/26.3	50135
2007 GC ₁₈	2009 11 23.9	03 58.38 +25 49.1 20.9	-0.91 - 2.6	1.6/24.9	57124
2002 ET ₁₀₅	2009 11 23.9	03 58.40 +21 56.3 19.5	-1.07 - 0.2	0.6/24.2	64183
2004 GC ₇₇	2009 11 23.9	03 58.41 -07 31.7 21.6	-0.95 - 5.9	9.1/18.1	77782
2004 TG ₁₉₂	2009 11 23.9	03 58.45 +16 26.6 20.6	-0.93 - 2.8	1.4/23.3	64232
2004 RG ₆₃	2009 11 23.9	03 58.48 +41 09.1 19.6	-1.22 - 1.2	7.5/27.4	62397
2008 GV ₁₁₉	2009 11 24.0	03 58.39 +19 17.5 20.8	-1.07 - 1.3	0.4/23.8	64331
1998 US ₁	2009 11 24.0	03 58.40 +13 58.4 21.8	-1.08 - 5.0	2.2/22.9	39135
2002 PO ₇₈	2009 11 24.0	03 58.40 +16 44.5 20.4	-1.18 - 2.1	1.5/23.5	40106
2003 SP ₂₀₀	2009 11 24.0	03 58.42 +06 44.2 18.3	-0.85 -12.8	4.8/20.4	63664
2007 DA ₁₁₁	2009 11 24.0	03 58.43 +29 21.3 21.6	-1.08 - 2.4	2.9/25.4	40457
2005 XF ₁₀₂	2009 11 24.0	03 58.43 +06 05.9 20.1	-0.95 - 0.2	5.4/22.0	11152
2005 SR ₁₂₄	2009 11 24.0	03 58.45 +30 42.0 19.4	-1.18 - 1.1	4.4/25.5	19653
2007 FF ₃₈	2009 11 24.0	03 58.45 +39 25.2 20.9	-1.13 - 2.8	5.4/27.3	20861
2005 YK ₁₄₁	2009 11 24.0	03 58.46 +30 16.2 20.3	-1.01 - 3.7	3.2/25.8	47369
2004 XB	2009 11 24.0	03 58.46 +40 52.6 18.1	-1.48 -11.4	10.7/29.1	64236
2006 FM ₂	2009 11 24.0	03 58.46 +17 19.0 20.8	-0.86 - 3.2	0.9/23.5	62482
2004 XV ₃₅	2009 11 24.0	03 58.48 +17 04.7 19.1	-0.96 + 1.0	1.3/23.6	64237
2008 PJ ₇	2009 11 24.0	03 58.54 +21 54.9 19.8	-0.92 - 4.8	0.5/24.3	43305
2005 AR ₄₈	2009 11 24.0	03 58.56 -03 58.3 20.7	-0.86 + 0.2	7.9/20.2	00905
2006 BO ₅₉	2009 11 24.0	03 58.57 +15 13.8 19.8	-0.95 - 1.1	2.0/23.3	40160
2007 GG ₆	2009 11 24.0	03 58.60 +23 43.6 20.3	-0.92 - 0.7	0.9/24.5	64318
2004 RV ₃₃₉	2009 11 24.0	03 58.61 +32 28.7 19.4	-1.13 + 0.4	4.8/25.7	70465
2001 KB ₁₈	2009 11 24.0	03 58.61 +22 30.1 20.9	-1.14 - 5.0	0.7/24.4	58408
2002 QA ₈₈	2009 11 24.0	03 58.62 +06 48.1 20.6	-0.77 - 2.3	3.9/21.7	43160
2004 RU ₂₃₃	2009 11 24.0	03 58.67 +14 02.0 20.3	-0.91 - 3.4	2.3/23.0	40129
2006 DH ₁₄₀	2009 11 24.0	03 58.70 +03 52.3 20.1	-0.84 - 1.8	5.7/21.4	41846
2000 RV ₈₁	2009 11 24.0	03 58.70 -25 08.1 18.0	-0.74 -10.8	19.7/08.0	02005
2001 LH ₁₆	2009 11 24.0	03 58.72 +21 53.8 19.2	-1.10 - 4.9	0.5/24.3	64160
2003 EL ₁₈	2009 11 24.0	03 58.76 +16 51.8 20.7	-1.05 - 2.3	1.3/23.5	58448
2007 FD ₃₃	2009 11 24.0	03 58.77 +11 56.1 21.0	-0.91 - 2.9	2.7/22.7	47426
2005 UM ₁₆₁	2009 11 24.0	03 58.82 +28 40.0 19.0	-0.92 - 9.0	4.2/26.0	97907
2006 BX ₈₇	2009 11 24.0	03 58.85 +18 17.6 20.4	-0.86 - 2.0	0.6/23.7	41841
2005 WB ₁₄₈	2009 11 24.0	03 58.86 +18 51.8 19.1	-1.00 - 4.4	0.6/23.8	64277
2002 AJ ₁₆₇	2009 11 24.0	03 58.86 +40 14.8 19.5	-1.20 - 3.8	7.3/27.5	58423
2003 BQ ₇₄	2009 11 24.0	03 58.88 +23 39.9 19.8	-1.19 + 1.4	1.4/24.4	62367
2002 CO ₁₆₉	2009 11 24.1	03 58.80 -05 15.4 20.0	-0.91 - 1.5	8.2/19.7	31970
2002 RE ₉₂	2009 11 24.1	03 58.83 +31 23.9 19.0	-1.25 - 0.9	5.1/25.6	60769
2007 BZ ₄₁	2009 11 24.1	03 58.84 +32 29.9 20.6	-1.20 - 3.6	4.6/26.1	18190
2003 EN ₃₂	2009 11 24.1	03 58.85 +34 05.9 20.1	-1.16 - 2.6	4.9/26.4	40679
2000 VY ₄₄	2009 11 24.1	03 58.86 +38 12.0 19.6	-1.41 + 5.3	7.8/25.7	64879
2003 SU ₂₉₁	2009 11 24.1	03 58.86 +25 30.6 19.0	-0.88 - 5.6	1.6/25.1	64210
2007 EP ₁₀₇	2009 11 24.1	03 58.87 +34 02.1 20.8	-1.22 + 1.5	4.9/25.7	55312
2007 ES ₁₂₆	2009 11 24.1	03 58.88 +14 07.7 19.9	-1.05 - 5.3	2.9/23.0	62513
2001 SE ₃	2009 11 24.1	03 58.91 +17 20.2 18.3	-1.01 - 1.7	1.5/23.7	64163
2003 SE ₂₉₀	2009 11 24.1	03 58.94 +03 28.8 20.4	-0.81 - 2.2	5.3/21.3	42654

2005 YW ₁₅₃	2009 11 24.1	03 58.97 +10 24.4 18.6	-0.93	+	3.4	5.2/23.1	98059	2003 SL ₁₅₁	2009 11 24.3	03 59.86 +37 47.5 20.0	-1.16	+	0.6	5.6/26.8	40117
2003 WD ₅₅	2009 11 24.1	03 58.97 +27 18.5 20.4	-0.92	-	0.8	2.1/25.1	64213	2002 CC ₁₃₉	2009 11 24.3	03 59.90 +11 19.1 18.3	-0.78	-	5.0	4.8/22.5	64180
2004 HU ₅₆	2009 11 24.1	03 58.98 -13 08.8 20.5	-0.99	-	5.7	12.3/16.4	21812	2007 DQ ₉₀	2009 11 24.3	03 59.90 +29 55.6 20.9	-1.23	-	2.1	3.8/25.7	59789
2002 VP ₁₆	2009 11 24.1	03 59.00 +28 15.9 19.2	-1.25	-	0.6	3.1/25.2	64196	2007 CP ₃₄	2009 11 24.3	03 59.91 +08 35.4 20.1	-1.09	+	0.6	5.6/22.9	19342
2007 KU ₇	2009 11 24.1	03 59.02 +02 11.8 19.7	-0.87	+	1.3	5.7/21.9	64322	2003 SO ₂₃₈	2009 11 24.3	03 59.93 +13 08.8 19.8	-0.83	-	4.4	2.5/23.0	59709
2005 YV ₁₆₀	2009 11 24.1	03 59.02 +03 25.9 20.5	-0.94	-	0.7	6.1/21.6	24477	2006 HS ₁₀₄	2009 11 24.3	03 59.96 +12 55.6 20.1	-0.87	+	0.6	2.1/23.4	04374
2006 BC ₈₃	2009 11 24.1	03 59.05 +09 32.5 20.9	-0.84	-	2.3	3.1/22.3	02275	2000 SR ₁₃₇	2009 11 24.3	04 00.00 +42 29.4 20.3	-1.31	-	1.1	7.8/28.0	07873
2007 EP ₁₁₂	2009 11 24.1	03 59.05 +10 53.4 20.7	-0.95	-	4.4	3.5/22.4	20855	2007 EB ₇₂	2009 11 24.3	04 00.06 +24 36.3 22.2	-1.06	-	1.8	1.3/25.0	57123
2008 SF ₂₃₆	2009 11 24.1	03 59.05 +16 32.3 19.6	-0.55	-	2.7	0.8/23.4	52510	2004 DL ₄₃	2009 11 24.3	04 00.06 +19 56.4 19.6	-1.10	-	4.2	0.2/24.3	64215
2000 SK ₂₈	2009 11 24.1	03 59.06 +15 08.9 18.2	-0.89	-	9.9	2.3/22.9	64155	2006 BC ₁₁₀	2009 11 24.3	04 00.07 +11 03.9 21.7	-0.81	-	1.6	2.4/22.9	97064
2007 DR ₃₀	2009 11 24.1	03 59.10 +12 57.7 21.7	-0.95	-	2.7	2.4/23.0	55306	2002 BX ₃	2009 11 24.3	04 00.07 +31 06.4 19.1	-1.16	-	0.6	3.8/25.8	43145
2005 SF ₉₂	2009 11 24.1	03 59.12 +19 27.1 19.8	-1.05	-	3.7	0.5/24.0	64254	2005 SQ ₁₃₈	2009 11 24.3	04 00.13 +21 29.3 20.8	-1.12	-	2.1	0.4/24.5	62435
2005 UK ₃₉₈	2009 11 24.1	03 59.12 +18 55.0 19.2	-1.08	0.0	0.7/24.0	64269	2006 BY ₂₇₅	2009 11 24.3	04 00.13 +14 33.0 21.4	-0.80	-	1.6	1.6/23.5	24057	
2003 XZ ₂₁	2009 11 24.1	03 59.14 +11 46.8 18.5	-1.29	-	1.2	4.1/23.1	64213	1998 QN	2009 11 24.3	04 00.14 +45 04.9 18.5	-1.33	-	8.3	12.1/01.0	64146
2004 TJ ₅₉	2009 11 24.1	03 59.15 +29 50.2 19.9	-1.09	+	0.5	3.9/25.3	89600	2004 FA ₁₁₁	2009 11 24.4	04 00.07 +30 58.8 19.6	-1.24	-	0.9	4.0/25.8	97703
2000 QH ₂₂₇	2009 11 24.1	03 59.17 +38 51.7 20.3	-1.20	-	3.5	6.4/27.6	55916	2003 QC ₁₅	2009 11 24.4	04 00.07 +10 15.1 20.6	-0.84	-	3.8	3.3/22.6	40680
2003 YU ₁₄₉	2009 11 24.1	03 59.18 +18 06.4 19.2	-0.84	+	0.2	0.7/23.8	64214	2002 CO ₁₃	2009 11 24.4	04 00.15 +05 36.1 19.9	-0.92	-	2.1	5.1/22.0	41778
2003 UK ₂₆₆	2009 11 24.1	03 59.19 +27 56.7 19.2	-0.94	0.0	2.2/25.2	64212	2005 UG ₅₁₄	2009 11 24.4	04 00.16 +13 31.5 20.8	-1.04	-	4.3	2.7/23.2	24045	
2005 AA ₁	2009 11 24.1	03 59.21 +23 03.5 18.3	-0.76	-	4.8	1.2/24.7	77798	2005 ST ₆₇	2009 11 24.4	04 00.22 +19 10.5 19.7	-0.99	-	4.0	0.7/24.2	63726
2007 DT ₁₀₂	2009 11 24.1	03 59.27 +53 34.2 20.2	-2.22	+	8.6	13.9/24.4	20851	2008 SE ₁₆	2009 11 24.4	04 00.23 +30 18.9 21.1	-1.01	-	2.9	2.9/26.1	49045
2006 AJ ₁₀₁	2009 11 24.1	03 59.30 +09 44.1 20.2	-0.91	-	2.1	3.9/22.5	11154	2000 CA ₂₄	2009 11 24.4	04 00.28 +33 52.0 19.5	-0.96	-	3.1	3.9/26.7	47142
2006 BV ₁₇	2009 11 24.2	03 59.26 +14 41.8 19.5	-0.93	-	2.2	2.2/23.3	59770	2002 GJ ₁₇₁	2009 11 24.4	04 00.29 +12 36.2 20.6	-0.88	-	4.5	2.5/23.0	47214
2006 DZ ₂₁₂	2009 11 24.2	03 59.28 +12 27.1 20.9	-0.86	-	2.9	2.7/22.8	43264	2003 KO ₃₀	2009 11 24.4	04 00.30 +12 52.0 19.3	-1.02	+	1.2	2.8/23.6	64204
2007 QO ₁₅	2009 11 24.2	03 59.32 +10 11.0 20.7	-0.54	-	1.6	1.9/22.4	58896	2007 DL ₅₁	2009 11 24.4	04 00.31 +24 26.6 20.2	-1.13	-	2.5	1.5/25.0	64308
2007 LN ₂	2009 11 24.2	03 59.35 +04 27.4 20.6	-0.81	-	0.4	4.4/21.9	41875	2008 OY ₆	2009 11 24.4	04 00.35 +23 12.9 21.4	-0.87	-	4.1	0.7/24.9	46589
2007 EK ₈	2009 11 24.2	03 59.36 +15 47.8 20.1	-0.99	-	3.5	1.8/23.4	64310	2003 UF ₃₁₆	2009 11 24.4	04 00.37 +23 36.8 19.7	-0.86	-	3.3	1.1/25.0	47276
2003 SN ₁₄₅	2009 11 24.2	03 59.37 +37 26.7 19.6	-1.06	-	1.0	5.5/26.9	48899	2004 TV ₆₄	2009 11 24.4	04 00.40 +23 04.5 19.6	-1.00	-	1.3	0.9/24.8	64230
1994 AD ₁₅	2009 11 24.2	03 59.43 +23 43.2 19.5	-1.02	-	2.9	1.4/24.8	93682	2007 DT ₅₄	2009 11 24.4	04 00.41 +13 43.4 20.5	-0.98	-	3.2	2.5/23.4	26251
2005 TM ₁₀₈	2009 11 24.2	03 59.48 +15 21.8 21.0	-1.05	-	5.8	1.9/23.3	41206	2005 NL ₁₂₃	2009 11 24.4	04 00.45 +16 36.0 19.5	-1.06	-	3.7	1.9/23.8	64245
2003 TR ₂₀	2009 11 24.2	03 59.49 +32 41.4 18.7	-0.94	-	3.8	4.5/26.5	47267	2008 RD ₈	2009 11 24.4	04 00.46 +07 19.3 20.7	-0.78	-	4.1	3.7/22.0	49038
2005 TO ₈₆	2009 11 24.2	03 59.53 +21 25.0 19.9	-1.13	-	1.2	0.4/24.4	63733	2003 WW ₈₁	2009 11 24.4	04 00.46 +30 41.3 19.8	-0.92	-	3.6	3.2/26.3	60356
2005 SV ₁₂₃	2009 11 24.2	03 59.56 +23 03.8 19.6	-1.05	-	1.3	1.2/24.6	63727	2006 CQ ₆₂	2009 11 24.4	04 00.47 +04 10.7 19.6	-0.85	-	0.7	5.1/22.1	43258
2004 XA ₁₂₃	2009 11 24.2	03 59.58 +12 10.3 19.6	-0.90	0.0	2.6/23.1	11076	2004 RV ₇₅	2009 11 24.4	04 00.49 +29 27.0 19.6	-1.09	-	0.5	3.4/25.7	59732	
2000 WM ₇₁	2009 11 24.2	03 59.60 +28 25.8 19.0	-1.01	-	7.8	3.1/26.0	97416	2004 RP ₁₅₇	2009 11 24.4	04 00.50 +37 12.0 20.1	-1.12	-	3.8	6.1/27.5	47306
2005 SR ₁₁₅	2009 11 24.2	03 59.62 +21 54.2 21.0	-1.12	-	3.2	0.5/24.5	64254	2007 RM ₂₅₅	2009 11 24.4	04 00.54 +20 16.3 20.6	-0.56	-	2.0	0.1/24.4	64323
2007 DZ ₄₉	2009 11 24.2	03 59.69 +17 34.7 20.7	-1.05	-	3.0	1.1/23.8	59788	2004 EF ₃₆	2009 11 24.4	04 00.59 +14 52.3 20.6	-1.06	-	4.6	2.0/23.5	21809
2004 RW ₁₃₄	2009 11 24.2	03 59.70 +21 09.7 20.1	-1.00	-	2.0	0.2/24.4	64224	2002 GN ₁₆₉	2009 11 24.5	04 00.51 +25 31.7 19.9	-0.98	-	3.4	1.7/25.3	64185
2003 ST ₆₉	2009 11 24.2	03 59.71 +16 15.1 19.9	-0.84	-	3.4	1.3/23.5	47257	2004 XT ₁₆₀	2009 11 24.5	04 00.53 +44 22.9 19.7	-1.05	-	7.0	9.7/30.1	77796
2007 CL ₅₂	2009 11 24.3	03 59.66 +18 43.2 19.0	-1.05	-	6.7	0.8/24.0	64307	2005 VL ₁₃₀	2009 11 24.5	04 00.54 +19 10.2 20.6	-1.06	+	2.8	0.7/24.4	21850
2006 DL ₁₂	2009 11 24.3	03 59.67 +06 12.9 20.8	-0.77	-	2.3	3.7/21.9	01331	2001 XH ₂₃	2009 11 24.5	04 00.58 +28 21.7 18.4	-1.02	-	1.6	3.9/25.7	57359
2004 JH ₁	2009 11 24.3	03 59.69 +18 23.0 21.0	-1.04	-	4.6	0.8/23.9	40124	2004 TC ₃₉	2009 11 24.5	04 00.59 +26 34.5 19.6	-1.03	-	0.9	2.1/25.4	64229
2005 TA ₉₈	2009 11 24.3	03 59.69 +22 30.5 20.8	-1.09	-	3.6	0.7/24.6	22797	2000 OR ₁₀	2009 11 24.5	04 00.59 +37 42.7 18.5	-1.24	-	6.8	6.7/28.3	64154
2005 YN ₁₇₇	2009 11 24.3	03 59.71 +39 06.2 22.4	-1.16	-	4.0	5.6/27.5	98063	2005 OY ₅	2009 11 24.5	04 00.65 +31 12.1 19.4	-1.22	-	3.8	4.5/26.3	18114
2000 CG	2009 11 24.3	03 59.73 +20 53.9 17.8	-0.83	-	1.8	0.2/24.4	64151	2008 QE ₂₆	2009 11 24.5	04 00.68 +41 26.9 20.2	-1.22	-	1.7	6.6/27.9	59812
2008 OJ	2009 11 24.3	03 59.74 +59 17.5 20.2	-1.47	-	4.2	10.6/04.3	47447	2007 RE ₂₇	2009 11 24.5	04 00.69 +13 50.4 20.0	-0.55	-	2.2	1.4/23.3	51050
2005 TN ₆₃	2009 11 24.3	03 59.76 +15 31.6 20.5	-1.10	-	4.6	2.1/23.5	97856	2002 AC ₁₃₁	2009 11 24.5	04 00.70 +42 58.6 18.8	-1.22	-	3.7	7.7/28.6	47197
2005 UH ₂₁	2009 11 24.3	03 59.78 +25 31.0 20.1	-1.12	-	2.3	1.9/25.1	64261	2006 DX ₅	2009 11 24.5	04 00.70 +09 38.5 21.2	-0.90	-	2.5	3.3/22.7	04369
2002 DD ₈	2009 11 24.3	03 59.81 +18 11.4 17.7	-1.17	+	4.5	1.0/24.1	64182	2007 EC ₁₁	2009 11 24.5	04 00.70 +22 32.4 20.6	-1.14	-	2.4	0.8/24.8	19377
2003 RY ₁₀	2009 11 24.3	03 59.84 +54 23.8 19.8	-1.34	-	3.1	10.1/01.5	47255	2006 BT ₂₀₇	2009 11 24.5	04 00.71 +05 30.9 19.2	-0.89	-	4.1	6.0/21.7	64291
2008 TD ₁₀₁	2009 11 24.3	03 59.84 +12 39.3 20.4	-0.54	-	2.7	1.6/22.9	51084	2004 RH ₈₇	2009 11 24.5	04 00.73 +41 46.3 19.5	-1.11	-	4.3	8.9/28.9	59732
2005 SO ₅₃	2009 11 24.3	03 59.86 +21 35.3 19.1	-1.04	-	5.0	0.4/24.5	63725	2008 SC ₃₃	2009 11 24.5	04 00.74 +27 04.8 21.6	-0.94	-	2.5	2.0/25.6	46735

2006 BU ₁₇₉	2009 11 24.5	04 00.74 +21 51.9 21.1	-0.88	- 2.3	0.4/24.8	53472
2006 AR ₈	2009 11 24.5	04 00.75 -03 39.9 21.1	-0.84	- 0.1	6.7/21.1	20834
2002 NJ ₁₄	2009 11 24.5	04 00.80 +31 05.0 20.5	-0.89	- 3.4	2.7/26.5	47218
2007 CO ₆₀	2009 11 24.5	04 00.87 +20 31.6 19.0	-1.17	+ 1.4	0.0/24.6	64307
2008 SL ₉₁	2009 11 24.5	04 00.89 +17 00.5 19.9	-0.56	- 2.4	0.7/23.9	64337
2008 HF ₂₈	2009 11 24.5	04 00.90 +27 23.8 21.7	-1.23	- 2.5	2.6/25.6	40017
1997 EJ ₁	2009 11 24.5	04 00.91 +28 03.4 21.1	-0.98	- 3.8	2.4/25.9	93711
2007 EO ₁₄	2009 11 24.5	04 00.92 +15 08.2 20.2	-1.09	- 1.9	2.3/23.8	19378
2005 YK ₂₄₅	2009 11 24.5	04 00.92 +15 16.7 20.2	-1.00	0.0	2.0/23.9	20477
2002 AA ₅₆	2009 11 24.5	04 00.93 +17 18.2 19.2	-0.99	- 3.1	1.4/24.0	20758
2004 RX ₂₃₈	2009 11 24.5	04 00.94 -03 07.3 21.5	-0.89	- 4.5	7.6/20.0	47309
2002 CM ₁₀₀	2009 11 24.5	04 00.96 +05 07.9 19.3	-0.92	- 2.9	6.0/22.0	47201
2004 GU ₅₆	2009 11 24.5	04 00.99 +23 01.9 21.5	-1.10	- 3.1	0.9/25.0	90198
2003 ST ₄₂₉	2009 11 24.5	04 00.99 +21 36.4 20.3	-0.88	- 2.2	0.3/24.8	64211
2008 RH ₈₂	2009 11 24.5	04 01.02 +39 38.7 20.0	-1.13	- 2.8	6.2/27.8	56132
2004 XW ₄₈	2009 11 24.6	04 00.92 +24 54.0 20.1	-0.88	- 1.4	1.2/25.3	47330
2000 BC ₅₂	2009 11 24.6	04 00.99 +05 57.5 20.5	-0.56	- 0.7	2.9/22.2	64151
2006 CA ₁₈	2009 11 24.6	04 01.04 +18 57.0 18.6	-0.96	- 1.4	0.6/24.4	64292
2002 QO ₁₃₂	2009 11 24.6	04 01.05 +12 02.6 20.5	-0.87	- 1.5	2.5/23.3	55080
2002 CG ₃₁	2009 11 24.6	04 01.07 +40 23.1 18.9	-1.22	- 1.0	8.3/27.5	64180
2006 BS ₁₃₀	2009 11 24.6	04 01.13 +27 07.2 20.8	-0.89	- 2.3	1.8/25.7	64290
2005 EB ₂₀₂	2009 11 24.6	04 01.14 +32 06.9 18.9	-1.32	+ 7.9	4.3/25.1	64240
2005 UB ₄₂₇	2009 11 24.6	04 01.15 +20 55.6 20.3	-1.11	- 2.3	0.1/24.7	64270
2007 HH ₇₆	2009 11 24.6	04 01.16 +22 30.2 20.3	-0.99	- 0.6	0.6/24.9	64321
2004 GA ₁₉	2009 11 24.6	04 01.16 +04 34.5 20.7	-1.08	- 0.4	6.1/22.5	40123
2002 QS ₆₄	2009 11 24.6	04 01.17 +39 18.0 21.8	-1.00	- 1.7	4.7/27.7	47225
2008 UR ₅₉	2009 11 24.6	04 01.17 +36 42.0 20.2	-0.68	- 1.7	3.3/27.6	55524
2004 QO ₆	2009 11 24.6	04 01.18 +38 14.6 20.0	-1.21	- 1.5	6.1/27.3	59729
2003 SM ₁₂₉	2009 11 24.6	04 01.19 +13 32.7 20.4	-0.86	- 2.6	2.2/23.5	58454
2003 TK ₃₅	2009 11 24.6	04 01.23 +26 18.6 19.8	-0.90	- 3.1	1.8/25.6	64211
2003 BT ₈₉	2009 11 24.6	04 01.24 +02 26.7 19.6	-0.97	- 5.1	7.2/21.2	59694
2005 AT ₁₂	2009 11 24.6	04 01.27 -04 39.2 18.9	-0.89	+ 2.7	9.1/21.8	63701
2006 KY ₅₃	2009 11 24.6	04 01.27 +15 39.3 19.5	-0.84	- 6.9	1.6/23.6	64296
2005 UB ₁₆₁	2009 11 24.6	04 01.28 +10 03.6 18.8	-0.94	+ 2.0	5.5/23.5	21846
2006 AB ₃₂	2009 11 24.6	04 01.29 +22 07.1 18.4	-1.09	+ 2.3	0.6/24.8	64286
2007 KA ₄	2009 11 24.6	04 01.30 +10 08.0 19.7	-0.88	+ 0.2	3.5/23.3	43284
2006 HE ₆₅	2009 11 24.6	04 01.34 +16 29.4 21.4	-0.82	- 3.2	1.2/24.0	47408
2006 BZ ₁₅₆	2009 11 24.6	04 01.35 +30 43.6 21.1	-0.99	- 1.7	3.2/26.2	01270
2002 LN ₅₁	2009 11 24.6	04 01.35 +12 45.7 20.5	-0.83	- 4.3	2.4/23.3	43155
2004 TX ₂₂₅	2009 11 24.6	04 01.36 +14 01.2 20.3	-0.91	- 3.3	2.5/23.6	95558
2004 XG ₆₄	2009 11 24.6	04 01.37 +28 41.2 18.8	-0.94	- 5.1	2.8/26.2	64238
2005 YG ₁₄₄	2009 11 24.7	04 01.34 +32 46.9 20.3	-1.05	- 4.3	4.7/26.9	41233
2004 HJ ₄₃	2009 11 24.7	04 01.36 +20 58.3 18.3	-1.21	+ 2.6	0.2/24.7	64219
2001 XA ₅₀	2009 11 24.7	04 01.40 +20 31.7 19.1	-1.04	- 3.0	0.0/24.7	64173
2005 NJ ₇₇	2009 11 24.7	04 01.43 +11 30.4 20.9	-1.07	- 4.5	3.7/23.2	40136
2005 QV ₁₄₁	2009 11 24.7	04 01.47 +11 28.5 20.5	-1.04	- 4.5	3.4/23.2	40139
2005 YD ₂₂₈	2009 11 24.7	04 01.48 +31 04.3 20.8	-1.05	- 2.8	3.5/26.4	41234
2005 UP ₃₆₁	2009 11 24.7	04 01.49 +19 35.7 20.3	-1.06	- 2.6	0.5/24.6	64269
2004 VE ₃₅	2009 11 24.7	04 01.52 +17 24.0 20.5	-0.92	- 1.8	1.1/24.2	19645
2004 XM ₄₁	2009 11 24.7	04 01.55 -00 50.2 19.6	-0.90	+ 2.9	7.1/22.6	43225
2000 GV ₁₉	2009 11 24.7	04 01.55 +30 20.7 20.4	-1.20	- 1.3	3.7/26.1	16136

2004 DO ₃₃	2009 11 24.7	04 01.56 +10 22.5 20.1	-1.05	- 2.7	3.7/23.2	11033
2005 SM ₁₂	2009 11 24.7	04 01.56 +19 59.8 18.2	-1.04	- 6.5	0.3/24.6	64252
2000 JW ₁₃	2009 11 24.7	04 01.57 +19 30.3 20.9	-1.04	- 3.3	0.4/24.6	16139
2002 JX ₁₂₀	2009 11 24.7	04 01.57 +05 11.6 20.1	-0.96	- 1.1	5.3/22.4	97603
2004 SO ₁₆	2009 11 24.7	04 01.58 -31 51.2 19.4	-0.88	- 5.1	18.6/08.0	41815
2002 CF ₂₇₀	2009 11 24.7	04 01.59 +32 10.9 21.2	-1.05	- 2.6	3.6/26.6	56865
2003 FG ₁₁₅	2009 11 24.7	04 01.61 +14 55.1 20.4	-0.98	- 0.7	1.8/24.0	19597
2006 DQ ₁₁₂	2009 11 24.7	04 01.61 +28 24.9 19.9	-0.92	- 2.6	2.4/26.1	47395
2003 QA ₈₀	2009 11 24.7	04 01.62 +40 35.3 18.9	-1.15	- 1.2	6.8/28.1	43175
2002 DN ₁₀	2009 11 24.7	04 01.70 +04 20.3 21.2	-0.87	- 3.0	4.9/22.0	43149
2007 FL ₁₅	2009 11 24.7	04 01.72 +14 05.3 20.5	-0.95	- 4.4	2.2/23.6	59792
2001 TA ₁₉₃	2009 11 24.7	04 01.76 +30 52.3 17.5	-1.05	- 2.0	4.9/26.4	64166
2006 FU ₂₀	2009 11 24.7	04 01.80 +22 37.1 20.7	-0.86	- 1.7	0.6/25.1	64295
2006 BM ₁₅₈	2009 11 24.7	04 01.83 +15 07.1 21.5	-0.85	- 2.5	1.7/23.9	43255
2001 YR ₇₂	2009 11 24.8	04 01.76 +34 53.0 17.9	-1.12	- 8.6	5.9/28.1	64176
2007 BY ₂₉	2009 11 24.8	04 01.78 +13 20.4 19.7	-1.08	- 1.8	3.0/23.8	58563
2003 JS ₁	2009 11 24.8	04 01.80 +09 58.2 20.8	-0.93	- 4.7	3.6/22.9	20780
2008 OO ₁₀	2009 11 24.8	04 01.80 +08 51.3 20.3	-0.85	- 0.9	3.6/23.2	64335
2000 QA ₆₂	2009 11 24.8	04 01.80 -05 52.3 18.6	-0.93	+ 0.1	11.2/21.7	63607
2004 RK ₃₁₀	2009 11 24.8	04 01.81 +27 53.1 20.1	-1.03	- 1.9	2.6/25.9	64227
2000 XO ₁₅	2009 11 24.8	04 01.84 +21 19.4 18.6	-0.96	- 6.4	0.3/24.9	64158
2000 SM ₃₁	2009 11 24.8	04 01.84 +18 04.0 20.0	-1.00	- 3.4	1.0/24.4	64155
2004 EE ₁₀	2009 11 24.8	04 01.85 +26 39.9 20.5	-1.17	- 3.3	2.3/25.8	14713
2001 KF ₃₃	2009 11 24.8	04 01.86 +16 55.3 20.8	-0.83	- 2.0	1.1/24.2	47167
2000 DS ₃₂	2009 11 24.8	04 01.87 +16 24.4 20.9	-1.10	- 3.6	1.8/24.1	19521
2005 XY ₃₆	2009 11 24.8	04 01.87 +26 01.7 20.5	-1.03	- 2.8	2.1/25.7	64279
2006 BC ₁₈	2009 11 24.8	04 01.88 +06 58.8 20.3	-0.96	- 1.3	5.3/22.8	01227
2007 LF ₂₂	2009 11 24.8	04 01.88 +10 26.8 22.0	-0.79	- 4.9	2.6/22.9	46561
2001 RB ₅₄	2009 11 24.8	04 01.88 +26 07.2 20.1	-1.17	- 1.7	2.1/25.6	40094
2007 GE ₁₉	2009 11 24.8	04 01.90 +31 10.8 18.9	-1.22	+ 1.9	4.0/25.9	55320
2001 WV ₉	2009 11 24.8	04 01.94 +09 09.1 18.7	-1.10	+ 4.0	5.1/24.0	60751
2007 EV ₁₁₈	2009 11 24.8	04 01.96 +15 47.7 20.8	-0.93	- 2.5	1.5/24.1	47423
2006 DF ₂₀₇	2009 11 24.8	04 02.00 +07 55.2 20.5	-0.77	- 3.5	3.7/22.6	62482
2005 AL ₈₂	2009 11 24.8	04 02.00 +10 38.4 19.9	-0.82	- 2.4	3.5/23.2	62416
2007 CC ₅₀	2009 11 24.8	04 02.03 +39 02.0 18.8	-1.28	- 0.9	6.7/28.0	42869
1999 XN ₂₂₃	2009 11 24.8	04 02.06 +08 39.9 20.4	-0.88	0.0	3.9/23.2	99931
2008 FT ₆₈	2009 11 24.8	04 02.06 +18 09.6 20.4	-1.15	- 2.1	1.0/24.5	40559
2004 NV ₃₃	2009 11 24.8	04 02.08 +14 28.4 20.2	-1.04	+ 0.3	2.1/24.1	58003
2006 CW ₅₇	2009 11 24.8	04 02.08 +23 58.3 20.3	-1.01	- 2.6	1.3/25.4	64292
2006 FN ₃₄	2009 11 24.8	04 02.12 +06 15.7 20.2	-0.81	- 5.9	3.8/21.9	62483
2005 TD ₁₅₆	2009 11 24.8	04 02.12 +17 14.0 19.8	-1.04	- 5.7	1.4/24.2	64260
1999 UH ₂₉	2009 11 24.8	04 02.15 +29 18.2 20.2	-1.09	+ 0.4	3.0/26.0	64149
2000 QG ₂₁₄	2009 11 24.8	04 02.25 +42 50.5 19.6	-1.31	0.0	8.8/28.2	58402
2006 EZ ₇₁	2009 11 24.9	04 02.19 +22 09.2 20.6	-0.89	- 2.3	0.5/25.1	58527
1998 HR ₃	2009 11 24.9	04 02.20 +02 07.6 20.5	-0.86	- 4.8	5.8/21.5	21535
2004 XA ₁₂₄	2009 11 24.9	04 02.22 +33 14.3 20.1	-0.96	- 5.7	3.7/27.4	02233
2003 SA ₁₃₅	2009 11 24.9	04 02.24 -02 08.2 19.9	-0.79	- 3.7	7.1/20.7	43178
2005 NV ₄₅	2009 11 24.9	04 02.26 +22 10.0 20.4	-1.15	- 4.0	0.6/25.2	64244
2003 SR ₂₈₈	2009 11 24.9	04 02.30 +23 18.3 19.2	-0.94	+ 0.9	1.1/25.2	63666
2004 NO ₁₂	2009 11 24.9	04 02.31 +30 39.6 20.4	-1.12	- 2.7	3.7/26.5	59726
2008 LM ₈	2009 11 24.9	04 02.31 +02 51.9 19.4	-1.05	+ 4.5	7.9/23.8	60577

2001 SA ₃₄₃	2009 11 24.9	04 02.32 +34 36.3 19.6	-1.13 - 8.8	5.7/28.0	94122
2004 TO ₃₃₅	2009 11 24.9	04 02.35 +17 16.3 20.0	-0.89 - 5.1	1.2/24.3	63691
2008 HB ₇₀	2009 11 24.9	04 02.36 +26 02.6 20.6	-1.24 - 2.6	2.1/25.7	59545
2006 AA ₂₀	2009 11 24.9	04 02.39 +06 25.9 18.3	-1.06 + 5.1	6.2/24.0	64286
2006 DQ ₁₅₃	2009 11 24.9	04 02.42 -14 05.3 22.7	-0.73 - 3.2	7.5/17.7	02299
2005 WS ₉₂	2009 11 24.9	04 02.45 +18 41.8 19.7	-1.06 - 1.1	0.7/24.7	22803
2008 RR ₁₀₉	2009 11 24.9	04 02.49 -08 39.8 21.2	-0.73 - 4.4	7.1/18.9	46700
2002 AV ₇₁	2009 11 24.9	04 02.50 +06 08.3 18.7	-1.07 + 3.1	6.0/23.5	20758
2006 BC ₂₀₈	2009 11 24.9	04 02.52 +14 11.2 18.9	-0.87 - 4.1	2.3/23.8	43256
2002 FN ₃₅	2009 11 24.9	04 02.52 +41 53.1 19.6	-1.20 - 2.7	7.8/28.5	47210
2007 EE ₂₈	2009 11 24.9	04 02.56 +18 25.3 21.2	-1.06 - 3.7	0.8/24.6	56089
2000 AK ₂₁₆	2009 11 24.9	04 02.57 +24 05.2 18.8	-1.05 - 8.1	1.7/25.7	64151
2001 SL ₂₄₁	2009 11 24.9	04 02.58 +13 02.0 19.7	-1.00 - 4.1	2.8/23.7	41770
2002 AF ₂₂	2009 11 24.9	04 02.58 +03 13.7 18.3	-1.06 + 3.7	7.3/23.3	60756
1995 UO ₅₈	2009 11 24.9	04 02.59 +19 14.5 19.6	-1.12 - 5.2	0.6/24.7	62292
2001 QG ₂₂₂	2009 11 24.9	04 02.60 +14 43.6 19.7	-1.03 - 5.2	2.2/23.9	14618
2008 QT ₃₀	2009 11 24.9	04 02.60 +25 31.9 19.6	-0.84 - 4.0	1.5/25.9	59812
2005 SW ₂₇₁	2009 11 24.9	04 02.65 +31 04.6 20.0	-1.19 - 1.6	4.5/26.5	22520
2006 GY ₂₉	2009 11 24.9	04 02.66 +05 00.7 20.7	-0.82 + 0.2	4.1/22.8	21856
2005 NM ₁₂₃	2009 11 24.9	04 02.66 +15 08.5 19.4	-1.06 - 2.2	2.7/24.2	40136
2002 AQ ₁₉₈	2009 11 24.9	04 02.70 +11 34.4 19.6	-1.03 + 1.8	3.2/24.0	43144
1995 UM ₁₆	2009 11 25.0	04 02.61 +14 21.2 19.8	-0.91 - 3.4	2.4/24.0	41748
2005 TT ₁₁₅	2009 11 25.0	04 02.63 +20 57.6 19.2	-0.98 - 3.8	0.1/25.0	64259
2007 GO ₂₄	2009 11 25.0	04 02.64 +17 53.4 20.7	-0.92 - 0.5	0.8/24.6	22886
2005 TC ₁₈₆	2009 11 25.0	04 02.68 +17 53.9 20.5	-1.06 - 3.7	1.2/24.6	57020
2003 QS ₅₄	2009 11 25.0	04 02.68 +02 45.3 19.8	-0.84 - 1.8	5.7/22.3	19603
2005 TO ₁₁₆	2009 11 25.0	04 02.71 +24 02.4 21.0	-1.15 - 3.3	1.3/25.5	64259
2006 CM ₂₆	2009 11 25.0	04 02.72 +28 13.9 19.3	-1.07 - 3.8	3.0/26.3	01310
2003 UQ ₂₇	2009 11 25.0	04 02.73 +26 29.3 18.5	-1.03 + 2.5	2.1/25.6	61883
2007 HW ₂₇	2009 11 25.0	04 02.74 +21 03.6 21.0	-0.87 - 0.9	0.1/25.1	64320
2005 WR ₆₂	2009 11 25.0	04 02.79 +11 38.6 18.8	-0.97 - 0.4	4.3/23.9	64275
2007 DM ₁₁₂	2009 11 25.0	04 02.79 +07 30.9 21.7	-0.86 - 4.8	4.0/22.6	40709
2002 CX ₁₃₉	2009 11 25.0	04 02.83 +23 56.0 19.7	-1.02 - 4.2	1.2/25.6	64180
2003 TM ₁₆	2009 11 25.0	04 02.84 +39 36.4 18.8	-1.14 + 1.7	6.4/27.4	64211
2007 FA ₁₃	2009 11 25.0	04 02.86 +27 04.2 20.3	-0.99 - 5.1	2.0/26.2	58566
1998 RX ₄₅	2009 11 25.0	04 02.86 +11 29.6 20.1	-1.04 - 4.7	3.9/23.5	40083
2008 PT ₇	2009 11 25.0	04 02.88 +19 47.5 18.5	-0.86 - 5.3	0.3/24.9	64335
2007 EZ ₁₂	2009 11 25.0	04 02.99 +21 39.8 19.2	-1.14 - 1.6	0.4/25.2	64311
2008 QK ₃₀	2009 11 25.0	04 03.02 +22 16.6 19.5	-0.87 - 4.4	0.5/25.4	64336
2002 TS ₃₅₀	2009 11 25.0	04 03.04 +00 06.7 20.5	-0.77 - 5.1	6.1/20.9	47236
2004 TY ₂₀₀	2009 11 25.0	04 03.04 +12 03.3 19.8	-0.89 - 4.5	3.2/23.5	21157
2004 TW ₃₃₂	2009 11 25.0	04 03.09 +19 39.6 20.2	-0.92 - 3.0	0.4/24.9	64234
2005 MH ₁₅	2009 11 25.1	04 03.07 +23 00.1 19.8	-1.13 - 5.2	1.0/25.5	14176
2002 AQ ₃₈	2009 11 25.1	04 03.07 -02 12.7 18.5	-0.94 + 5.8	11.7/23.8	64177
2007 HY ₆₄	2009 11 25.1	04 03.12 +25 53.6 19.3	-1.01 + 0.4	1.7/25.8	64321
2004 PP ₉₅	2009 11 25.1	04 03.12 +16 22.6 19.9	-1.03 - 0.5	1.5/24.6	41809
2006 BJ ₂₁₀	2009 11 25.1	04 03.15 +34 34.5 20.2	-1.04 - 3.3	4.4/27.5	47384
2004 RY ₁₉₅	2009 11 25.1	04 03.16 +35 41.7 19.3	-1.07 - 3.7	5.9/27.8	64226
2003 AO ₇₀	2009 11 25.1	04 03.18 +33 19.4 18.6	-1.21 - 2.2	5.6/27.0	64200
2005 YA ₉₈	2009 11 25.1	04 03.21 +06 05.3 20.6	-0.99 + 1.8	5.1/23.6	40699
2007 EH ₁₆	2009 11 25.1	04 03.22 +21 30.1 20.3	-1.07 - 3.0	0.3/25.3	43274

2005 YJ ₃₉	2009 11 25.1	04 03.27 +12 48.0 18.8	-0.91 - 4.9	3.7/23.7	60855
2004 RW ₁₄₃	2009 11 25.1	04 03.28 +13 53.3 18.5	-0.93 - 1.7	2.6/24.1	64225
2008 LU	2009 11 25.1	04 03.36 +19 24.9 19.7	-1.12 - 0.9	0.5/25.0	64334
2004 EO ₃₆	2009 11 25.1	04 03.36 +30 45.2 19.4	-1.25 - 2.4	4.4/26.6	60799
2005 NR ₇₄	2009 11 25.1	04 03.38 +31 12.5 19.6	-1.16 - 6.4	4.9/27.2	16294
2006 EG ₅₆	2009 11 25.1	04 03.39 +12 17.7 20.3	-0.85 - 3.7	2.7/23.7	48999
2005 XV ₈₃	2009 11 25.1	04 03.41 +08 47.1 18.8	-1.04 + 3.8	5.2/24.1	60854
2004 DS ₆₁	2009 11 25.1	04 03.43 +23 40.9 21.3	-0.73 - 1.6	0.7/25.7	24441
2006 CV ₅₈	2009 11 25.1	04 03.44 +03 50.7 18.6	-0.81 + 3.3	9.1/23.7	02286
2008 PU ₁₂	2009 11 25.1	04 03.46 +10 00.1 20.0	-0.88 - 1.8	3.6/23.6	52507
2001 PC ₄₃	2009 11 25.1	04 03.49 +15 37.7 19.4	-1.12 + 0.2	2.0/24.6	40093
2005 YJ ₁₇₆	2009 11 25.1	04 03.53 +14 43.6 19.8	-0.97 - 0.4	2.6/24.4	96821
1999 LW ₁₂	2009 11 25.2	04 03.47 +08 59.0 20.3	-1.01 + 1.0	3.8/23.9	59649
2000 TJ	2009 11 25.2	04 03.51 +37 03.1 19.4	-1.24 + 0.7	6.6/27.4	60733
2003 HE ₁₄	2009 11 25.2	04 03.51 +08 40.9 20.0	-0.91 - 4.7	4.1/23.1	47248
2003 TQ ₁₄	2009 11 25.2	04 03.53 +30 47.0 19.5	-1.12 + 2.8	3.2/26.2	47266
2001 YF ₁₃₈	2009 11 25.2	04 03.53 +35 22.5 19.9	-1.24 + 0.5	5.2/26.9	47194
2008 OQ ₁₀	2009 11 25.2	04 03.54 +27 49.0 20.8	-1.00 - 2.3	2.2/26.3	42982
2004 TJ ₁₉₂	2009 11 25.2	04 03.54 +20 41.8 20.1	-0.97 - 2.0	0.0/25.2	64232
2004 PL ₉₅	2009 11 25.2	04 03.55 +22 52.3 20.3	-1.02 - 4.9	0.7/25.6	64222
1999 UJ ₃₃	2009 11 25.2	04 03.55 +19 45.8 20.1	-0.92 - 3.0	0.3/25.1	62299
2008 SM ₂₅₇	2009 11 25.2	04 03.57 +33 22.8 20.0	-0.71 + 0.3	2.6/27.1	52510
2001 SG ₃₃₂	2009 11 25.2	04 03.58 +15 39.6 19.3	-0.94 - 3.0	2.5/24.4	64165
2006 AS ₁₀₃	2009 11 25.2	04 03.62 +08 04.8 21.9	-0.81 - 3.3	3.7/23.1	51022
2005 YK ₁₁₇	2009 11 25.2	04 03.64 +22 33.1 19.2	-1.00 - 2.2	0.8/25.5	64283
2002 UK ₁₆	2009 11 25.2	04 03.69 +12 25.6 19.0	-1.02 + 0.1	4.3/24.2	64195
2001 TO ₂₁₉	2009 11 25.2	04 03.73 +28 34.8 20.2	-1.12 - 4.4	3.2/26.6	94184
2000 AV ₉₄	2009 11 25.2	04 03.73 +29 46.1 19.7	-1.21 - 4.6	4.0/26.7	41753
2000 SD ₃₁₅	2009 11 25.2	04 03.74 +31 31.1 18.9	-1.05 - 7.1	4.1/27.5	97405
2005 UJ ₃₀₂	2009 11 25.2	04 03.74 +12 41.0 19.3	-0.99 - 2.0	3.4/24.1	51019
2005 AL ₇₀	2009 11 25.2	04 03.76 +59 36.2 20.2	-2.20 + 4.0	20.1/29.1	09107
2006 QF ₃₃	2009 11 25.2	04 03.79 +45 16.8 18.4	-1.57 -14.1	11.6/02.0	11188
2006 BY ₉₇	2009 11 25.2	04 03.83 +27 56.1 19.4	-1.10 + 0.8	2.7/26.1	64289
2005 QX ₉₆	2009 11 25.2	04 03.83 +09 21.0 19.3	-1.00 - 1.2	5.6/23.7	62428
2001 TT ₁₅₅	2009 11 25.2	04 03.87 +18 52.0 19.6	-0.98 - 3.4	0.9/25.0	64166
2005 MX ₅₃	2009 11 25.2	04 03.89 +18 35.7 20.6	-1.15 - 3.2	0.9/25.0	11110
2006 DS ₁₇₂	2009 11 25.2	04 03.93 +33 06.8 20.9	-1.02 - 0.9	3.9/27.1	47397
2005 UT ₉₂	2009 11 25.2	04 03.95 +18 08.2 20.0	-1.02 - 7.9	0.9/24.8	64263
2007 BR ₂₉	2009 11 25.2	04 03.95 +15 13.8 20.3	-1.10 - 2.2	2.1/24.5	21874
2007 ET ₃₄	2009 11 25.2	04 03.96 +17 37.7 20.7	-1.08 - 2.0	1.2/24.8	19386
2005 QK ₁₇₈	2009 11 25.2	04 03.97 +26 05.4 19.2	-1.19 + 1.0	2.5/25.9	64251
2000 DX ₆₁	2009 11 25.3	04 03.88 +25 15.8 19.8	-1.16 - 2.9	2.0/26.0	64152
2005 SD ₆₃	2009 11 25.3	04 03.90 +08 14.5 19.4	-0.97 - 5.4	5.6/23.0	64253
2000 EX ₂₀₂	2009 11 25.3	04 03.97 +07 59.4 21.4	-0.79 - 5.3	4.1/22.9	57766
2008 OY ₁₂	2009 11 25.3	04 04.01 +08 28.8 19.9	-0.91 - 2.0	4.2/23.5	46590
2004 NC ₃₀	2009 11 25.3	04 04.01 +14 30.2 20.9	-1.00 - 3.9	2.2/24.3	39204
2004 EG ₁₀₂	2009 11 25.3	04 04.04 +20 57.9 20.5	-1.14 - 2.4	0.1/25.4	62388
2007 CP ₂₃	2009 11 25.3	04 04.07 +31 17.0 19.3	-1.19 - 5.6	4.9/27.2	16060
2004 YQ ₃₂	2009 11 25.3	04 04.10 +35 59.4 19.5	-0.99 - 2.4	4.8/27.8	47335
2005 YZ ₁₅₉	2009 11 25.3	04 04.14 +21 41.3 19.8	-0.93 - 4.1	0.3/25.5	64284
2005 WL ₇	2009 11 25.3	04 04.14 +26 38.5 20.3	-1.08 - 3.8	2.1/26.3	41833

2006 BA ₂₅	2009 11 25.3	04 04.15 +11 55.3	20.1	-0.93	- 2.0	3.3/24.0	02272
2003 UQ	2009 11 25.3	04 04.18 +36 23.3	17.9	-1.06	-12.3	5.5/29.5	61883
2005 XD ₁₁₃	2009 11 25.3	04 04.20 +01 08.7	19.7	-1.15	+ 3.7	6.1/23.5	02263
2007 GV ₂₁	2009 11 25.3	04 04.25 +21 47.1	20.5	-0.91	- 1.5	0.3/25.5	64318
2004 TJ ₃₀₁	2009 11 25.3	04 04.25 +27 05.2	18.4	-0.95	- 8.4	2.3/26.7	60817
2007 EW ₁₀₉	2009 11 25.3	04 04.26 +23 17.2	21.7	-1.02	- 1.4	0.8/25.7	41866
2003 UX ₂₂₄	2009 11 25.3	04 04.26 +42 26.4	19.9	-1.20	+ 2.0	6.4/27.8	47274
2007 GS ₇	2009 11 25.3	04 04.28 +06 17.6	20.6	-0.88	- 4.8	4.5/22.8	49019
2005 YR ₁₇₈	2009 11 25.3	04 04.31 +21 08.0	20.7	-1.00	- 1.0	0.1/25.4	20832
2001 ST ₇₇	2009 11 25.3	04 04.31 +18 29.7	20.6	-1.06	- 3.1	0.8/25.0	40095
2001 XA ₂₂₁	2009 11 25.3	04 04.31 +20 38.7	19.3	-1.12	- 0.3	0.1/25.4	64175
2006 BO ₁₇₉	2009 11 25.3	04 04.33 +04 35.0	20.7	-0.80	- 1.4	4.4/23.0	47383
2006 HV ₇₇	2009 11 25.3	04 04.35 +32 23.3	20.9	-0.96	- 0.3	3.2/27.0	02330
2007 EN ₂₁₃	2009 11 25.3	04 04.37 +27 29.9	21.4	-0.96	- 1.4	2.0/26.4	43277
2007 FX ₂₄	2009 11 25.3	04 04.38 +21 12.8	20.0	-1.04	- 2.6	0.2/25.5	64317
2007 EH ₁₄₄	2009 11 25.3	04 04.40 +17 41.9	21.0	-1.01	- 2.2	1.1/24.9	17839
2001 QS ₁₄₆	2009 11 25.4	04 04.30 +16 24.8	21.0	-1.07	- 2.9	1.6/24.8	40669
2002 VQ ₁₂₆	2009 11 25.4	04 04.31 +28 48.4	18.4	-1.11	- 5.9	3.9/26.9	64197
2000 SZ ₅₅	2009 11 25.4	04 04.33 +06 59.5	19.8	-0.93	- 4.4	4.7/23.1	62307
2006 CH ₁₀	2009 11 25.4	04 04.34 +09 24.0	20.0	-0.83	- 3.3	3.5/23.5	47387
2001 RA ₁₅₀	2009 11 25.4	04 04.34 +19 51.0	20.3	-1.12	- 1.8	0.4/25.3	64163
2005 UB ₉₁	2009 11 25.4	04 04.35 +25 01.2	20.0	-1.08	- 4.7	1.6/26.1	64263
2004 QQ ₇	2009 11 25.4	04 04.39 +24 37.6	20.7	-1.02	- 2.6	1.3/26.0	64222
2004 FR ₁₄₅	2009 11 25.4	04 04.43 +29 11.6	20.6	-1.19	- 3.2	3.0/26.7	40122
2003 FM ₁₀₉	2009 11 25.4	04 04.45 +10 03.3	20.7	-0.96	+ 0.3	3.2/24.1	59697
2004 FP ₉₂	2009 11 25.4	04 04.50 +22 10.6	20.7	-1.18	- 3.2	0.6/25.6	64217
2008 PL ₇	2009 11 25.4	04 04.52 +13 46.4	20.6	-0.87	- 3.2	2.1/24.3	46599
2006 LU ₁	2009 11 25.4	04 04.52 +17 53.6	20.3	-0.85	- 6.6	0.8/24.9	63799
2002 TD ₁₈₆	2009 11 25.4	04 04.55 +16 35.4	19.5	-1.12	- 5.5	1.7/24.7	64194
2005 YN ₁₃	2009 11 25.4	04 04.58 +09 26.9	20.1	-0.89	- 1.0	3.5/23.9	43246
2005 TE ₁₇₉	2009 11 25.4	04 04.59 +24 54.3	20.1	-1.08	- 3.8	1.9/26.1	63734
2007 LS ₇	2009 11 25.4	04 04.61 -02 48.2	19.8	-0.80	- 0.6	6.8/22.1	41875
2002 VO ₃₆	2009 11 25.4	04 04.62 +16 16.7	18.8	-1.05	- 6.2	2.1/24.6	64196
2008 PH ₁₄	2009 11 25.4	04 04.64 +20 34.9	21.3	-0.90	- 2.5	0.1/25.4	58152
2008 GE ₁₂₄	2009 11 25.4	04 04.67 +50 56.1	19.8	-2.17	+ 5.5	14.0/28.0	41634
2001 SN ₂₁₈	2009 11 25.4	04 04.67 +00 58.9	20.1	-0.87	- 3.8	9.7/22.1	21767
2002 TM ₃₆₈	2009 11 25.4	04 04.69 +11 13.4	19.5	-1.10	+ 0.7	4.5/24.4	63643
2006 BL ₁₇₉	2009 11 25.4	04 04.71 +14 57.2	20.1	-0.92	- 1.9	2.0/24.6	47383
2003 SQ ₁₉₄	2009 11 25.4	04 04.71 +34 35.5	20.5	-0.98	- 2.2	4.0/27.7	47261
2004 FK ₅₇	2009 11 25.4	04 04.72 +31 13.3	19.9	-0.81	- 1.5	2.8/27.1	47292
2005 UT ₂₈₅	2009 11 25.4	04 04.72 +19 12.8	20.1	-1.12	0.0	0.7/25.3	40405
2003 TJ ₁₀	2009 11 25.4	04 04.74 +34 37.0	17.7	-0.98	- 7.3	4.9/28.6	64211
2002 ST ₆₆	2009 11 25.4	04 04.74 +32 39.5	20.9	-0.95	- 0.9	3.3/27.2	43163
2007 DM ₅₉	2009 11 25.4	04 04.76 +23 18.1	20.8	-1.12	- 3.3	0.9/25.9	38128
2007 EO ₁₉₆	2009 11 25.4	04 04.83 +23 51.9	22.0	-1.12	- 2.3	1.2/25.9	19446
2000 DA ₆₁	2009 11 25.5	04 04.76 +21 47.6	20.7	-0.87	- 2.0	0.3/25.7	64152
2001 UA ₂	2009 11 25.5	04 04.76 +08 02.2	19.6	-0.85	-12.0	6.6/22.4	97488
2004 LT ₁₅	2009 11 25.5	04 04.76 +15 32.2	20.7	-1.03	- 4.2	1.8/24.6	16273
2008 SD ₁₄₉	2009 11 25.5	04 04.76 +15 11.4	19.9	-0.73	- 0.1	1.4/24.7	50295
2005 TK ₄₃	2009 11 25.5	04 04.77 +18 46.7	19.8	-1.09	- 3.1	0.9/25.2	64258
2008 JQ ₃₂	2009 11 25.5	04 04.77 +20 08.2	21.1	-1.18	- 2.3	0.2/25.4	41925

2005 QG ₈₂	2009 11 25.5	04 04.78 +07 19.0	19.3	-1.01	- 1.4	6.3/23.6	18117
2001 SY ₇	2009 11 25.5	04 04.78 +24 07.7	21.3	-1.13	- 2.5	1.2/26.0	94049
2001 SC	2009 11 25.5	04 04.82 +28 50.1	19.4	-1.15	- 4.6	3.3/26.9	58412
2004 TT ₅₉	2009 11 25.5	04 04.86 +28 56.1	20.4	-1.10	- 0.7	2.8/26.6	18100
1998 QB ₁₀₅	2009 11 25.5	04 04.86 +02 44.9	18.9	-1.43	+ 9.5	8.0/25.6	64146
2004 TP ₃₃	2009 11 25.5	04 04.88 +21 36.4	19.9	-0.94	- 3.4	0.3/25.7	64229
2007 DR ₁₀₆	2009 11 25.5	04 04.93 +21 10.0	19.9	-1.09	- 3.4	0.2/25.6	64310
2005 XG ₆₁	2009 11 25.5	04 04.95 +21 31.0	20.9	-1.04	- 2.3	0.2/25.6	02262
2004 RM ₁₃	2009 11 25.5	04 05.01 +12 53.1	20.0	-0.93	- 3.1	3.0/24.3	19621
2007 EA ₁₆₇	2009 11 25.5	04 05.03 +35 41.5	20.4	-1.19	+ 0.2	4.9/27.5	22883
2005 AW ₅₇	2009 11 25.5	04 05.03 +29 10.2	19.0	-1.06	+ 1.9	3.3/26.4	64240
2003 RG ₂₇	2009 11 25.5	04 05.05 -03 01.0	19.0	-0.80	+ 1.0	9.8/22.7	63659
2006 DV ₈₅	2009 11 25.5	04 05.10 +02 40.0	20.8	-0.78	- 2.8	5.5/22.5	47393
2001 PG ₅₀	2009 11 25.5	04 05.14 +28 49.1	20.6	-1.17	- 2.6	2.7/26.8	59663
2002 AH ₁₀₃	2009 11 25.5	04 05.20 +26 21.0	18.9	-1.01	- 3.5	2.5/26.5	64178
2007 EY ₁₇₈	2009 11 25.5	04 05.23 +29 24.9	21.3	-1.00	- 2.1	2.4/26.9	47424
2001 RG ₂₉	2009 11 25.5	04 05.25 +24 58.5	19.3	-1.11	- 2.4	1.8/26.2	64162
2001 XG ₂₁₉	2009 11 25.6	04 05.16 +22 00.4	19.2	-1.07	- 1.8	0.5/25.8	64175
2007 HV ₇₇	2009 11 25.6	04 05.16 +04 02.8	21.2	-0.93	- 4.4	5.8/22.6	56090
2007 DU ₇₆	2009 11 25.6	04 05.16 +29 43.4	19.9	-1.20	- 1.0	3.5/26.8	19706
2001 TZ ₅₇	2009 11 25.6	04 05.17 +22 23.6	19.4	-1.08	- 3.3	0.7/25.8	62322
2005 YQ ₈₈	2009 11 25.6	04 05.18 +16 47.6	20.8	-0.94	- 2.1	1.4/25.0	20467
2008 HO ₅₁	2009 11 25.6	04 05.21 +14 19.8	19.0	-0.99	- 8.1	2.6/24.3	63857
1998 TZ ₃	2009 11 25.6	04 05.23 +22 45.1	19.5	-1.05	- 2.4	1.0/25.9	64147
2004 QT ₂₅	2009 11 25.6	04 05.23 +02 23.3	19.0	-0.93	- 0.1	7.2/23.4	64222
2004 TW ₁₃₆	2009 11 25.6	04 05.27 +22 55.9	18.6	-0.95	- 4.4	0.8/26.0	64231
2001 FF ₁₄₆	2009 11 25.6	04 05.30 +33 35.9	19.2	-0.98	- 3.0	3.9/27.8	47166
2003 YY ₄₁	2009 11 25.6	04 05.32 +14 26.6	20.9	-1.16	- 1.3	2.6/24.8	14708
2007 BK ₁₀₁	2009 11 25.6	04 05.35 +18 03.5	20.3	-1.08	- 2.5	1.0/25.2	59517
2005 UZ ₄₀₇	2009 11 25.6	04 05.35 +18 44.9	19.2	-1.04	- 1.4	1.0/25.4	18149
2007 JM ₂	2009 11 25.6	04 05.41 +09 50.7	21.1	-0.80	- 1.9	2.9/24.0	47433
2006 BH ₂₂₁	2009 11 25.6	04 05.42 +17 28.3	20.3	-0.91	- 1.9	1.1/25.2	41843
2000 CW ₁₃₀	2009 11 25.6	04 05.43 -12 48.8	20.8	-1.06	+ 1.9	11.8/22.0	40664
2008 KU ₃₃	2009 11 25.6	04 05.43 +11 54.8	21.5	-1.07	- 3.6	3.4/24.3	41926
2007 HX ₇₃	2009 11 25.6	04 05.43 +03 02.7	20.9	-0.91	- 3.7	5.8/22.6	55326
2006 BY ₁₅₁	2009 11 25.6	04 05.48 +20 34.1	20.9	-0.92	- 1.7	0.1/25.6	64290
2005 YS ₂₆	2009 11 25.6	04 05.49 +46 16.7	19.1	-1.25	- 7.8	9.3/01.5	60855
2004 RE ₂₈	2009 11 25.6	04 05.50 +13 38.9	18.8	-0.92	- 2.4	3.1/24.6	59731
2007 HU ₃₅	2009 11 25.6	04 05.51 +28 49.4	19.2	-1.33	+ 4.3	3.7/26.2	64321
2006 BF ₆₆	2009 11 25.6	04 05.52 +18 38.8	20.5	-0.93	- 1.7	0.7/25.4	20837
2004 RS ₂₁₆	2009 11 25.6	04 05.58 +04 52.5	19.0	-0.90	- 9.3	5.3/22.2	64226
2007 HY	2009 11 25.6	04 05.58 +08 52.1	20.6	-0.95	- 4.2	4.5/23.6	20872
2006 TP ₅₈	2009 11 25.6	04 05.59 +11 46.1	19.0	-1.17	-17.6	4.3/23.3	64297
2006 BQ ₂₄₆	2009 11 25.6	04 05.60 +13 32.1	20.7	-0.92	- 2.6	2.6/24.6	01294
2005 UN ₄₅₇	2009 11 25.6	04 05.60 +07 18.4	18.5	-1.14	+ 4.9	6.1/24.9	64270
2002 AA ₁₁₄	2009 11 25.6	04 05.60 +14 29.3	18.7	-0.98	- 0.2	2.9/24.9	00134
2005 SV ₇₉	2009 11 25.6	04 05.61 +28 35.3	20.6	-1.21	- 1.5	3.0/26.8	21830
2002 PY ₄₅	2009 11 25.6	04 05.61 +09 30.2	19.6	-1.09	- 2.7	5.2/24.1	38350
2005 QK ₂₉	2009 11 25.6	04 05.61 +09 49.1	19.2	-0.93	- 2.8	5.5/24.0	64247
2000 GP ₅₁	2009 11 25.6	04 05.61 +13 59.9	19.9	-1.06	- 4.3	2.7/24.6	19522
2001 SX ₁₈₂	2009 11 25.7	04 05.60 +19 19.2	20.0	-1.07	- 3.2	0.7/25.5	64164

2002 CA ₃₆	2009 11 25.7	04 05.63 +31 14.7 20.3	-1.08	- 3.4	3.7/27.4	94576
2007 PQ ₄₇	2009 11 25.7	04 05.64 -00 47.6 20.7	-0.52	- 1.7	4.0/22.0	58894
2003 SW ₃₃	2009 11 25.7	04 05.65 -04 33.2 19.8	-0.78	- 3.9	9.2/21.1	21331
2006 DW ₉₃	2009 11 25.7	04 05.65 +33 46.7 20.8	-0.97	- 1.2	3.7/27.6	48995
1999 WD ₂₄	2009 11 25.7	04 05.67 +20 13.3 20.9	-1.18	- 2.9	0.3/25.6	37915
2005 MD ₂₃	2009 11 25.7	04 05.68 +18 43.1 20.9	-1.12	- 5.2	0.9/25.4	87689
2006 BJ ₂₅₃	2009 11 25.7	04 05.70 +17 06.9 20.2	-0.91	- 2.4	1.3/25.2	01297
2002 CD ₂₀₇	2009 11 25.7	04 05.70 +14 09.1 20.0	-0.95	- 1.6	2.3/24.8	20761
2008 OZ ₁₀	2009 11 25.7	04 05.70 +22 33.2 19.0	-0.94	- 5.2	0.6/26.0	47448
2005 YR ₁₃₅	2009 11 25.7	04 05.73 +21 17.7 20.4	-1.01	- 1.4	0.2/25.8	20470
2001 VC ₈₂	2009 11 25.7	04 05.79 +30 16.8 18.9	-1.07	- 8.6	3.6/28.0	59671
2001 YM ₂₀	2009 11 25.7	04 05.86 +21 06.1 19.0	-1.03	- 3.8	0.1/25.8	64176
2003 SZ ₁₄₀	2009 11 25.7	04 05.90 +19 54.4 19.2	-0.84	- 6.0	0.3/25.6	64208
2003 CB ₂₁	2009 11 25.7	04 05.91 +12 00.2 20.7	-1.02	- 3.5	3.5/24.3	19592
2006 BN ₁₄₅	2009 11 25.7	04 05.92 +12 38.2 19.1	-0.91	- 3.4	3.4/24.4	64290
2003 CG ₆	2009 11 25.7	04 05.95 +13 00.5 19.4	-0.74	- 0.9	2.2/24.6	60783
2005 WF ₂₀	2009 11 25.7	04 05.97 +24 45.2 20.0	-1.06	- 3.0	1.5/26.4	64274
1998 HF ₂₅	2009 11 25.7	04 05.98 +16 55.4 20.5	-0.92	- 2.2	1.2/25.2	47130
2002 AM ₄₉	2009 11 25.7	04 06.01 +24 38.7 20.4	-1.07	- 3.8	1.4/26.4	00129
2005 ST ₁₈₄	2009 11 25.7	04 06.07 +16 00.4 20.7	-1.05	- 4.8	1.9/25.0	39232
2005 SX ₉₄	2009 11 25.7	04 06.08 -02 33.4 17.9	-0.83	-19.4	11.1/18.0	64254
2004 CD ₂₃	2009 11 25.8	04 06.01 +10 36.4 19.7	-1.15	+ 0.7	4.9/24.7	62384
2005 NR ₁₉	2009 11 25.8	04 06.04 +13 29.0 19.5	-1.05	- 2.4	3.5/24.8	19184
2005 PH ₆	2009 11 25.8	04 06.05 +21 48.5 19.5	-1.21	+ 0.2	0.4/25.9	62425
2005 SP ₈₃	2009 11 25.8	04 06.05 +24 46.5 20.3	-1.16	- 2.8	1.6/26.4	64254
2007 GB ₃₅	2009 11 25.8	04 06.08 +20 41.0 19.1	-1.14	+ 0.7	0.1/25.8	64318
1998 QW ₆₃	2009 11 25.8	04 06.09 +51 22.2 18.7	-1.45	+ 2.5	12.2/30.4	15031
2001 OV ₇₆	2009 11 25.8	04 06.09 +21 03.9 18.7	-1.16	+ 1.0	0.1/25.8	64160
2005 QY ₁₇₁	2009 11 25.8	04 06.09 +00 55.0 20.2	-0.94	- 6.4	8.6/22.0	33456
2005 AR ₁₃	2009 11 25.8	04 06.09 +16 16.8 19.8	-0.87	+ 0.3	1.3/25.2	18110
2006 DJ ₉₆	2009 11 25.8	04 06.10 +19 21.7 21.4	-0.83	- 2.3	0.4/25.6	47394
2003 JK ₁₇	2009 11 25.8	04 06.15 +12 23.2 20.4	-0.99	+ 0.8	2.7/24.9	59700
2002 CY ₆₄	2009 11 25.8	04 06.18 +12 13.6 19.0	-1.04	+ 2.4	3.8/25.0	64180
2001 FD ₁₄₈	2009 11 25.8	04 06.24 +32 47.8 19.2	-0.98	- 3.8	3.7/27.9	47166
2002 FE ₃₁	2009 11 25.8	04 06.29 +09 18.3 19.9	-0.93	+ 0.6	3.4/24.5	21315
2007 HM ₇₉	2009 11 25.8	04 06.30 +06 19.4 21.4	-0.88	- 1.6	4.3/23.7	21692
2005 YB ₁₆	2009 11 25.8	04 06.32 +27 35.9 20.3	-1.00	- 4.3	2.5/27.0	98034
2008 GA ₅₂	2009 11 25.8	04 06.35 +16 12.1 20.4	-1.15	- 3.5	2.0/25.2	39060
2007 CG ₂₅	2009 11 25.8	04 06.36 +25 55.0 19.0	-1.14	- 4.0	2.2/26.7	51044
2004 RO ₂₁₉	2009 11 25.8	04 06.43 +33 50.1 18.8	-1.05	- 5.9	4.7/28.4	40689
2003 ED ₃₀	2009 11 25.8	04 06.43 +30 57.4 19.4	-1.14	- 3.2	4.4/27.5	59695
2003 SA ₁₁₇	2009 11 25.8	04 06.46 +09 58.5 20.1	-0.86	- 6.2	3.8/23.9	53795
2004 TN ₃₅₅	2009 11 25.8	04 06.48 +24 15.2 19.2	-1.11	+ 1.7	1.2/26.2	64234
2008 FQ ₃₈	2009 11 25.8	04 06.55 +19 15.1 21.0	-1.22	- 1.2	0.7/25.7	46581
2005 YZ ₃₃	2009 11 25.9	04 06.43 +14 08.9 19.5	-0.97	- 1.3	2.6/25.0	19677
2004 PN ₃₃	2009 11 25.9	04 06.44 +16 28.5 20.8	-0.99	- 2.4	1.5/25.3	18078
2002 NQ ₆₇	2009 11 25.9	04 06.49 +21 06.5 20.9	-0.85	- 2.0	0.1/25.9	47219
2002 QM ₁₀₂	2009 11 25.9	04 06.49 +21 21.4 21.1	-1.19	- 2.8	0.2/26.0	40106
2004 FS ₉₇	2009 11 25.9	04 06.50 +08 35.9 21.1	-1.08	- 2.2	4.4/24.1	69704
2006 EP ₁₇	2009 11 25.9	04 06.50 +09 29.1 20.7	-0.79	- 3.1	3.3/24.0	47399
2007 DL ₂₀	2009 11 25.9	04 06.53 +14 20.3 20.4	-0.99	- 2.5	2.3/25.0	47419

2004 RS ₄₈	2009 11 25.9	04 06.56 +23 34.4 19.8	-1.03	- 1.5	1.0/26.3	64223
2002 AR ₆₂	2009 11 25.9	04 06.56 +37 12.8 20.7	-1.15	- 3.9	5.5/28.6	48187
2007 KY ₇	2009 11 25.9	04 06.59 +14 26.7 19.8	-0.99	- 2.7	2.2/25.0	47435
2007 EJ ₄₀	2009 11 25.9	04 06.59 +24 18.7 21.4	-1.01	- 1.3	1.1/26.4	20852
2008 QL ₁₆	2009 11 25.9	04 06.62 -02 37.7 21.0	-0.96	- 0.3	8.3/22.8	46617
2005 VR ₄₁	2009 11 25.9	04 06.72 +13 20.7 19.1	-0.99	- 0.4	3.5/25.0	03789
2005 XF ₅₂	2009 11 25.9	04 06.74 +15 46.8 20.0	-1.11	+ 2.2	1.9/25.5	96627
2002 AP ₃₂	2009 11 25.9	04 06.77 +32 29.5 19.7	-1.13	- 1.8	4.2/27.6	47194
2005 MD ₂₁	2009 11 25.9	04 06.77 +19 01.3 21.5	-1.15	- 3.9	0.7/25.7	40134
2005 PL ₁₁	2009 11 25.9	04 06.81 +10 35.0 21.0	-1.11	- 1.9	4.2/24.6	57002
2003 TS ₄₁	2009 11 25.9	04 06.83 +38 43.9 20.5	-1.07	- 0.5	5.8/28.5	47267
2005 QY ₉	2009 11 25.9	04 06.84 +13 15.3 19.6	-1.03	- 5.2	3.4/24.7	40693
2001 VN ₁₁₃	2009 11 25.9	04 06.89 +24 00.3 19.0	-1.09	- 2.1	1.2/26.4	64170
1998 RZ ₆₉	2009 11 25.9	04 06.92 +29 35.4 18.6	-1.20	0.0	4.1/27.1	59647
2002 RU ₁₉	2009 11 25.9	04 06.96 +08 31.2 19.3	-1.10	- 1.9	5.7/24.4	64190
2004 PM ₅	2009 11 26.0	04 06.87 +19 05.5 20.3	-1.00	- 3.9	0.7/25.7	17489
2008 KJ ₂₃	2009 11 26.0	04 06.90 +12 57.7 20.7	-0.98	- 4.8	2.8/24.7	40775
2005 WW ₃₇	2009 11 26.0	04 06.92 +14 30.7 18.8	-1.13	+ 3.3	2.7/25.5	64274
2005 SY ₁₂₇	2009 11 26.0	04 06.94 +23 58.4 19.4	-1.15	- 1.7	1.3/26.4	62434
2005 SK ₁₇₈	2009 11 26.0	04 06.95 +33 18.2 20.3	-1.29	- 1.0	4.9/28.0	21836
2005 UC ₁₉₆	2009 11 26.0	04 06.95 +17 09.3 20.5	-1.03	- 4.2	1.4/25.4	19662
2005 SG ₈₂	2009 11 26.0	04 06.96 +18 35.7 21.7	-1.10	- 3.5	0.9/25.7	97819
2007 FQ ₃₈	2009 11 26.0	04 06.98 +23 10.7 20.0	-1.06	+ 0.7	0.7/26.3	64317
2006 AV ₁₃	2009 11 26.0	04 07.00 +25 11.7 19.7	-0.99	- 3.1	1.6/26.7	41236
1996 RW ₁₀	2009 11 26.0	04 07.01 +22 24.1 21.3	-1.04	- 2.4	0.5/26.2	97328
2006 FU ₄₉	2009 11 26.0	04 07.03 +12 52.8 19.9	-0.81	- 1.6	2.2/24.8	62483
2005 QX ₁₁₂	2009 11 26.0	04 07.05 +22 51.9 19.0	-1.17	0.0	0.9/26.3	64249
2003 UJ ₂₃₁	2009 11 26.0	04 07.06 +15 57.2 20.0	-0.83	- 4.4	1.6/25.2	62379
2000 SZ ₆₄	2009 11 26.0	04 07.07 +12 00.7 19.0	-0.96	- 3.6	3.5/24.7	64155
2002 GM ₁₁	2009 11 26.0	04 07.08 +10 03.7 20.9	-0.88	- 3.4	3.4/24.3	58427
2005 WT ₉₂	2009 11 26.0	04 07.09 +17 58.1 19.1	-1.08	+ 0.4	1.1/25.7	01135
2007 HL ₅₆	2009 11 26.0	04 07.14 +21 34.8 19.6	-0.97	+ 0.6	0.2/26.1	64321
2005 MV ₄₂	2009 11 26.0	04 07.15 +16 13.1 20.1	-1.13	- 2.3	2.0/25.4	39215
2007 BC ₇₈	2009 11 26.0	04 07.18 +24 03.2 21.4	-1.12	- 2.9	1.1/26.5	40707
2004 TS ₁₅₅	2009 11 26.0	04 07.20 +13 33.2 19.8	-0.91	- 3.5	2.7/24.9	41818
2007 EE ₁₀₁	2009 11 26.0	04 07.20 +20 58.5 20.4	-1.02	- 1.3	0.0/26.1	62512
2005 RM ₇	2009 11 26.0	04 07.20 +32 49.4 19.9	-1.25	- 2.4	4.4/27.8	90242
2004 XP ₄₈	2009 11 26.0	04 07.21 +05 46.9 18.6	-1.00	+ 4.6	6.2/24.8	64237
2004 TC ₁₄₁	2009 11 26.0	04 07.25 +18 18.6 21.3	-0.95	- 3.0	0.8/25.7	41818
2005 TW ₁₈₈	2009 11 26.0	04 07.26 +26 42.5 20.7	-1.13	- 3.0	2.3/26.9	20409
2002 RS ₂₅₅	2009 11 26.0	04 07.27 +33 38.1 20.8	-0.93	- 4.4	3.5/28.4	21321
2005 YM ₂₇₉	2009 11 26.0	04 07.28 +13 34.2 20.2	-0.95	- 0.9	2.5/25.1	49980
2007 HM ₅₈	2009 11 26.0	04 07.36 +15 27.0 19.3	-0.95	+ 0.7	1.8/25.5	43282
2007 GX ₆₆	2009 11 26.0	04 07.36 +22 42.1 19.5	-0.93	- 1.8	0.6/26.4	64319
2000 QY ₂₄₇	2009 11 26.1	04 07.32 +15 27.2 21.2	-0.99	- 2.7	1.9/25.3	19526
2002 DT ₁₁	2009 11 26.1	04 07.36 +29 15.0 17.8	-1.02	- 9.3	3.6/27.9	64182
2004 GK ₃₆	2009 11 26.1	04 07.40 +20 23.9 19.7	-1.05	- 5.4	0.2/26.0	64218
2007 FE ₁₈	2009 11 26.1	04 07.45 +32 46.0 20.3	-1.28	- 0.7	5.0/27.6	19455
2008 SF ₂₆₃	2009 11 26.1	04 07.46 +28 29.5 20.7	-0.64	- 0.3	1.5/27.3	52511
2005 WC ₁₅₅	2009 11 26.1	04 07.49 +22 21.8 19.5	-1.04	- 2.8	0.6/26.4	64277
2007 CY ₃₄	2009 11 26.1	04 07.50 +07 34.5 21.0	-1.04	- 3.3	5.1/24.0	21875

2002 QA ₁₂₆	2009 11 26.1	04 07.50 +06 38.0 21.0	-1.08	- 3.2	6.2/24.1	49842
2002 RO ₂₅₅	2009 11 26.1	04 07.52 +18 14.5 20.6	-0.80	- 4.2	0.7/25.7	47230
2006 WY ₁₅₉	2009 11 26.1	04 07.54 +17 42.8 20.3	-1.16	- 1.1	1.3/25.7	59782
2005 US ₉₀	2009 11 26.1	04 07.55 +25 02.1 19.6	-1.05	- 5.5	1.8/26.9	22799
2002 TG ₁₈₆	2009 11 26.1	04 07.57 +13 14.6 20.7	-1.11	- 6.0	3.6/24.9	50686
2005 SY ₆₀	2009 11 26.1	04 07.57 +14 50.6 20.6	-1.03	- 4.1	2.5/25.2	16307
2006 BJ ₇₀	2009 11 26.1	04 07.59 +20 09.6 20.8	-0.98	- 0.8	0.3/26.1	02274
2002 AS ₅₅	2009 11 26.1	04 07.64 +16 48.8 20.1	-0.99	- 3.0	1.5/25.5	43143
2000 SB ₅	2009 11 26.1	04 07.68 +68 28.6 19.0	-3.03	+11.7	20.9/28.0	59380
2005 SA ₁₈₇	2009 11 26.1	04 07.69 +21 28.1 19.8	-1.08	- 5.6	0.2/26.3	64256
2003 ML ₁₀	2009 11 26.1	04 07.79 -11 02.9 19.6	-1.14	- 9.6	14.3/18.8	59701
2003 SR ₂₃₈	2009 11 26.2	04 07.71 +08 54.5 20.0	-0.82	- 4.4	3.9/24.1	64209
2005 SC ₉₈	2009 11 26.2	04 07.72 +20 10.4 18.9	-1.05	- 6.1	0.3/26.1	97822
2003 QT ₂₄	2009 11 26.2	04 07.73 +13 46.2 19.5	-0.84	- 4.3	2.8/25.0	87584
2005 SU ₃₈	2009 11 26.2	04 07.74 +24 19.8 20.6	-1.15	- 2.5	1.3/26.7	64252
2693 P-L	2009 11 26.2	04 07.74 +03 48.0 18.6	-0.80	- 3.8	6.6/23.3	64421
2003 UM ₁₀₉	2009 11 26.2	04 07.76 +13 38.2 19.2	-0.82	- 6.6	2.2/24.8	47271
2007 HJ ₅₇	2009 11 26.2	04 07.78 +12 47.2 20.8	-0.91	- 2.6	2.7/25.0	43282
2004 FA ₅₁	2009 11 26.2	04 07.80 +17 49.8 21.0	-1.12	- 1.9	1.2/25.8	21810
2000 QC ₁₄₅	2009 11 26.2	04 07.81 -07 50.5 19.7	-0.92	- 1.7	10.2/22.3	40665
2004 RP ₁₉₀	2009 11 26.2	04 07.81 +13 18.7 19.8	-0.92	- 6.0	2.6/24.8	58482
2007 EO ₁₈	2009 11 26.2	04 07.84 +26 50.0 19.6	-1.17	- 3.7	2.4/27.1	59790
2004 GX ₂₂	2009 11 26.2	04 07.86 +21 20.7 20.8	-1.12	- 3.5	0.1/26.3	58476
2004 TG ₂₉₉	2009 11 26.2	04 07.91 +22 50.2 19.8	-0.96	- 4.8	0.6/26.6	64234
2005 PR ₄	2009 11 26.2	04 07.92 +19 13.2 18.1	-1.17	+ 9.8	1.0/26.2	63713
2002 AY ₁₂₉	2009 11 26.2	04 07.94 +38 01.7 18.3	-1.61	+ 7.6	6.4/26.8	64178
2002 PB ₁₈₂	2009 11 26.2	04 08.02 +20 40.8 20.5	-0.86	- 1.6	0.1/26.2	62351
2002 QB ₇₀	2009 11 26.2	04 08.03 +05 13.0 20.6	-0.77	- 2.2	4.4/23.8	47225
2008 JW ₂₃	2009 11 26.2	04 08.05 +18 30.3 21.1	-1.08	- 2.8	1.0/25.9	41673
2008 GY ₁₁₀	2009 11 26.2	04 08.05 -00 21.6 19.4	-1.71	+16.4	11.1/27.2	40590
2007 DV ₅₉	2009 11 26.2	04 08.06 +22 04.2 20.3	-1.09	- 2.1	0.4/26.4	22877
2007 FJ ₃₃	2009 11 26.2	04 08.08 +20 06.3 21.0	-0.94	- 2.7	0.3/26.1	43278
2007 EY ₂₆	2009 11 26.2	04 08.13 +33 09.9 20.3	-1.30	+ 0.6	5.2/27.6	19711
2004 PN ₁₁₅	2009 11 26.2	04 08.13 +05 24.8 21.5	-0.93	- 3.4	5.0/23.9	59729
2002 CV ₈₆	2009 11 26.2	04 08.14 +32 38.5 19.2	-1.08	- 3.6	4.7/28.2	94595
2004 FO ₁₁₁	2009 11 26.2	04 08.14 +11 03.1 21.5	-1.02	- 4.8	3.4/24.6	19123
2002 PE ₁₆₃	2009 11 26.2	04 08.16 +34 39.3 20.5	-0.94	- 2.7	3.8/28.6	47222
2006 BC ₂₀₃	2009 11 26.2	04 08.18 +02 12.0 21.5	-0.77	- 1.2	4.8/23.5	38085
2005 NJ ₄₉	2009 11 26.2	04 08.23 +18 41.0 20.4	-1.18	- 1.2	0.9/26.0	40135
2005 SX ₁₁₈	2009 11 26.2	04 08.25 +26 58.3 20.3	-1.22	- 0.1	2.5/27.0	64254
2008 SG ₂₇₆	2009 11 26.3	04 08.15 +09 18.2 20.9	-0.66	- 2.2	2.7/24.4	58166
2003 UY ₁₅₇	2009 11 26.3	04 08.17 +22 18.8 19.1	-0.85	- 4.4	0.4/26.5	58459
2006 BE ₁₅₃	2009 11 26.3	04 08.20 +34 02.8 20.3	-1.07	- 2.6	4.6/28.3	53471
2005 QA ₇₂	2009 11 26.3	04 08.21 +22 16.9 20.1	-1.13	- 3.6	0.6/26.5	11121
2008 FF ₅₆	2009 11 26.3	04 08.22 +17 22.1 20.3	-1.18	- 3.6	1.5/25.8	50119
2001 FL ₁₇₉	2009 11 26.3	04 08.22 +09 47.1 19.2	-0.90	+ 0.2	3.7/24.9	64160
2006 DB ₃	2009 11 26.3	04 08.23 +30 30.4 21.6	-0.93	- 2.2	2.7/27.8	47389
2007 EL ₁₃₆	2009 11 26.3	04 08.28 +12 16.7 21.9	-0.93	- 3.4	2.9/25.0	19428
2005 TJ ₁₃₅	2009 11 26.3	04 08.31 +21 41.8 18.9	-0.94	- 5.2	0.3/26.5	41828
2002 QV ₂₂	2009 11 26.3	04 08.36 +07 04.2 19.9	-0.80	- 1.3	4.0/24.3	58434
2006 CB ₈	2009 11 26.3	04 08.38 +07 15.7 21.4	-0.82	- 2.6	3.9/24.2	02284

2002 PZ ₁₁₇	2009 11 26.3	04 08.39 +26 23.2 19.8	-0.87	- 4.2	1.6/27.3	47221
2003 SG ₇₁	2009 11 26.3	04 08.40 +22 30.5 18.7	-0.89	- 5.0	0.5/26.6	64207
2005 UH ₂₁₃	2009 11 26.3	04 08.41 +19 39.0 18.6	-1.05	- 5.0	0.6/26.1	64266
1960 SN	2009 11 26.3	04 08.44 +29 02.9 19.6	-1.01	- 1.8	2.7/27.5	57334
2004 XJ ₉₉	2009 11 26.3	04 08.45 +01 48.0 20.1	-0.85	+ 1.1	5.7/24.1	60821
2003 KY ₃₀	2009 11 26.3	04 08.45 +11 26.9 21.1	-0.91	- 4.3	3.2/24.8	58451
2008 UL ₁₂	2009 11 26.3	04 08.45 +27 05.5 20.5	-0.63	- 2.0	1.3/27.4	64339
2008 LL ₁₂	2009 11 26.3	04 08.51 +20 52.5 19.8	-1.17	+ 0.1	0.0/26.4	55496
2000 FV ₇₃	2009 11 26.3	04 08.53 -13 21.0 19.3	-0.80	- 1.1	9.8/20.3	99946
2006 EW ₂₈	2009 11 26.3	04 08.59 +21 41.7 20.3	-0.91	- 2.5	0.2/26.5	64294
2004 DE ₂₂	2009 11 26.3	04 08.59 +09 50.9 19.9	-1.08	- 1.9	4.2/24.9	41804
1999 TL ₉₀	2009 11 26.3	04 08.59 +23 17.3 19.5	-1.26	- 2.0	1.1/26.7	62297
2007 DE ₂₉	2009 11 26.3	04 08.60 +43 30.5 20.7	-1.30	- 1.2	7.6/29.8	41862
2000 SD ₁₉₃	2009 11 26.3	04 08.61 +43 53.0 19.1	-1.29	- 0.7	9.2/29.8	41758
2005 NS ₁₅	2009 11 26.3	04 08.65 +20 34.4 21.5	-1.18	- 2.6	0.2/26.3	56999
2005 SL ₁₅₂	2009 11 26.4	04 08.56 +21 47.6 19.1	-1.04	+ 1.3	0.4/26.5	64255
2002 CW ₇₇	2009 11 26.4	04 08.60 +28 38.5 19.7	-1.07	- 2.1	2.8/27.5	47200
2005 SV ₂₃₆	2009 11 26.4	04 08.65 +23 35.6 21.0	-1.11	- 3.3	1.0/26.8	11134
2005 QV ₈₉	2009 11 26.4	04 08.65 +30 36.4 19.9	-1.18	- 4.1	4.3/28.0	18118
2008 KZ ₂	2009 11 26.4	04 08.65 +07 59.2 20.6	-1.01	- 1.1	4.9/24.8	40620
2005 SC ₅₇	2009 11 26.4	04 08.66 +22 04.9 20.2	-1.12	- 3.6	0.5/26.6	97816
2002 AU ₁₃₈	2009 11 26.4	04 08.67 +21 17.9 19.6	-1.04	- 1.6	0.1/26.5	64178
2002 KN ₁₃	2009 11 26.4	04 08.67 +08 11.0 20.8	-0.91	- 1.5	4.0/24.6	62348
2007 DZ ₉₆	2009 11 26.4	04 08.68 +23 17.8 19.8	-1.14	- 3.3	1.0/26.8	64310
2003 UR ₄₆	2009 11 26.4	04 08.70 +16 28.9 20.9	-0.84	- 2.9	1.3/25.7	47268
2004 PB ₆₀	2009 11 26.4	04 08.71 +30 48.6 20.4	-1.11	- 1.6	3.3/28.0	70382
2007 GL ₂₁	2009 11 26.4	04 08.73 +14 49.2 19.1	-0.98	- 5.2	2.6/25.4	60892
2003 UE ₁₆₁	2009 11 26.4	04 08.73 +26 01.3 19.2	-0.96	+ 0.5	1.6/27.0	64212
2002 JF ₅	2009 11 26.4	04 08.74 +28 18.5 19.6	-1.07	+ 1.2	2.5/27.2	20766
2008 FO ₈₇	2009 11 26.4	04 08.76 +18 43.1 22.4	-1.19	- 1.5	0.8/26.2	40206
2004 DJ ₅₆	2009 11 26.4	04 08.76 +26 56.0 20.5	-1.20	- 4.1	2.5/27.4	14713
2000 DW ₄₃	2009 11 26.4	04 08.81 +31 18.6 19.5	-1.21	- 2.8	4.2/28.0	19521
2007 JT ₁₇	2009 11 26.4	04 08.81 +03 28.0 20.8	-0.92	- 4.3	5.7/23.3	21880
2003 WH ₁₈₉	2009 11 26.4	04 08.84 +00 25.5 19.1	-0.88	+ 2.5	6.8/24.5	64213
2004 SH ₄₂	2009 11 26.4	04 08.84 +21 53.2 19.7	-0.97	- 4.2	0.3/26.6	64228
2004 PD	2009 11 26.4	04 08.89 +34 43.0 21.0	-1.13	- 6.0	4.5/29.1	65930
2002 TK ₇₇	2009 11 26.4	04 08.91 +23 34.7 19.3	-1.20	- 4.0	1.1/26.9	64193
2004 GY ₅₆	2009 11 26.4	04 08.91 +28 00.9 19.8	-1.21	- 1.3	2.8/27.4	58477
2008 SX ₂₂₄	2009 11 26.4	04 08.95 +24 48.7 20.7	-0.59	- 1.3	0.7/27.1	64338
2001 VX ₁₀₄	2009 11 26.4	04 08.95 +22 30.2 18.9	-1.07	- 3.6	0.6/26.7	64170
2005 AF ₉	2009 11 26.4	04 08.98 +34 45.8 19.6	-1.00	- 2.2	5.4/28.6	77799
2000 VB ₅₆	2009 11 26.4	04 09.01 +24 54.0 18.5	-0.96	- 7.6	1.5/27.3	64157
2003 CG ₁₆	2009 11 26.4	04 09.02 +06 37.5 19.8	-0.71	- 2.0	4.3/24.2	47242
2006 BT ₈₆	2009 11 26.4	04 09.06 +23 15.0 19.8	-0.97	- 2.0	0.8/26.8	64289
2001 WW ₈₁	2009 11 26.4	04 09.07 +17 54.2 19.4	-1.02	- 2.3	1.2/26.1	40099
2005 RJ ₄₄	2009 11 26.5	04 09.02 +26 33.0 19.4	-1.23	+ 2.0	2.5/27.1	64252
2005 ST ₁₉₁	2009 11 26.5	04 09.03 +14 30.5 21.5	-1.05	- 3.8	2.3/25.5	40694
2006 DF ₁₄₀	2009 11 26.5	04 09.07 +30 18.3 20.7	-0.97	- 0.7	2.7/27.8	02298
2007 BX ₆₅	2009 11 26.5	04 09.08 +23 44.6 20.4	-1.12	- 3.1	1.0/26.9	64304
2007 CW ₄	2009 11 26.5	04 09.09 +13 26.0 19.6	-1.04	- 2.1	3.6/25.5	17692
2007 DK ₈₄	2009 11 26.5	04 09.09 +07 49.5 21.3	-0.92	- 3.3	4.3/24.4	46506

2008 RU ₁₂₁	2009 11 26.5	04 09.12 +06 52.9 20.6	-0.68	- 2.8	3.7/24.1	58157
2004 PL ₁₉	2009 11 26.5	04 09.13 +35 47.5 19.0	-1.14	- 2.3	5.5/28.9	64221
2006 AT ₄₄	2009 11 26.5	04 09.16 +12 32.2 19.9	-0.95	- 0.7	3.0/25.5	57434
2007 HF ₇₁	2009 11 26.5	04 09.17 +12 17.4 20.3	-0.97	- 2.0	3.0/25.3	56090
2008 ST ₁₈₇	2009 11 26.5	04 09.17 +23 48.1 19.9	-0.58	- 1.9	0.5/27.0	64337
2006 CC ₄₄	2009 11 26.5	04 09.21 +18 17.9 21.7	-0.83	- 0.6	0.7/26.2	01316
2007 KS ₂	2009 11 26.5	04 09.23 +27 22.7 20.8	-0.93	- 1.4	1.8/27.5	47435
2008 FZ ₅₂	2009 11 26.5	04 09.24 +12 59.3 20.2	-1.11	- 2.9	3.4/25.4	41555
2005 YK ₁₅₀	2009 11 26.5	04 09.25 +21 22.3 19.9	-0.99	- 1.3	0.1/26.6	64284
2006 FW ₂₀	2009 11 26.5	04 09.25 +06 00.9 20.5	-0.83	- 3.5	4.7/24.0	62483
2001 QJ ₂₃₁	2009 11 26.5	04 09.29 +23 04.1 19.3	-1.07	- 5.6	0.9/26.9	64162
2006 EA ₂₉	2009 11 26.5	04 09.31 +20 33.0 20.7	-0.89	- 2.5	0.1/26.5	47399
2008 RR ₁₂₅	2009 11 26.5	04 09.38 +33 16.6 21.5	-0.97	- 2.6	3.4/28.6	58159
2004 ET ₈₅	2009 11 26.5	04 09.41 +09 49.0 20.1	-1.06	- 2.0	4.3/25.1	19611
2007 DG ₃₄	2009 11 26.5	04 09.43 +24 26.9 21.1	-1.12	- 2.4	1.3/27.1	20849
2007 DN ₃₅	2009 11 26.5	04 09.44 +09 26.2 19.8	-1.00	- 3.4	5.1/24.8	19357
2007 EL ₁₅₁	2009 11 26.5	04 09.46 +19 29.7 21.2	-0.99	- 1.8	0.5/26.4	17843
2003 EV ₅₂	2009 11 26.5	04 09.47 +58 07.0 22.6	-1.71	+ 0.5	9.7/01.9	47243
2007 HT ₂	2009 11 26.5	04 09.48 +22 05.2 21.5	-1.09	- 2.0	0.4/26.7	21683
2001 UX ₃₂	2009 11 26.6	04 09.42 +15 19.2 18.9	-1.08	+ 0.8	2.4/26.0	94200
2002 CY ₁₁₉	2009 11 26.6	04 09.42 +25 40.5 19.7	-1.06	- 4.6	2.0/27.4	17995
1998 QK ₈₈	2009 11 26.6	04 09.44 +24 13.3 20.0	-1.16	- 5.3	1.3/27.1	40083
2003 BA ₅₄	2009 11 26.6	04 09.45 +27 53.0 19.4	-1.13	- 4.1	3.0/27.7	41787
2001 XE ₂₄₃	2009 11 26.6	04 09.49 +42 50.2 19.6	-1.22	- 3.3	9.7/30.2	41776
2005 UL ₃₂₃	2009 11 26.6	04 09.49 +20 46.4 19.4	-1.07	- 0.4	0.1/26.6	62452
2005 YP ₈₆	2009 11 26.6	04 09.49 +05 48.5 18.7	-1.03	+ 3.0	6.4/25.2	60855
2006 CP ₄₈	2009 11 26.6	04 09.51 +17 14.7 19.8	-0.93	- 3.3	1.4/26.0	62480
2003 BK ₆₉	2009 11 26.6	04 09.53 +16 48.3 21.0	-1.05	- 2.5	1.5/26.0	47241
2000 GX ₃₈	2009 11 26.6	04 09.53 +15 12.6 21.0	-1.03	- 3.6	2.0/25.7	16136
2002 UR ₆₄	2009 11 26.6	04 09.56 +20 30.9 21.3	-1.20	- 2.8	0.2/26.6	37313
2005 SJ ₅₇	2009 11 26.6	04 09.58 +11 24.5 20.6	-0.93	- 4.4	4.8/25.1	21827
2002 UH ₃₈	2009 11 26.6	04 09.58 -25 30.2 18.9	-0.66	-10.3	23.5/08.0	62360
2004 TN ₂₅₁	2009 11 26.6	04 09.59 +23 38.1 20.0	-0.97	- 3.3	1.0/27.0	64233
2004 PG ₇₆	2009 11 26.6	04 09.60 +15 29.3 20.7	-0.99	- 2.1	1.8/25.9	60806
2005 QY ₁₄₅	2009 11 26.6	04 09.60 +09 51.9 19.0	-1.04	+ 3.4	5.6/25.7	90238
2008 OW ₂₀	2009 11 26.6	04 09.61 +16 03.9 20.9	-0.83	- 2.6	1.5/25.9	46594
2004 GQ ₂₂	2009 11 26.6	04 09.63 +24 48.4 20.3	-1.19	- 1.0	1.5/27.1	64218
2000 EY ₅₉	2009 11 26.6	04 09.63 +23 08.9 19.8	-0.96	- 2.2	0.8/27.0	64152
2007 CA ₃₈	2009 11 26.6	04 09.64 +15 46.9 20.3	-1.08	- 2.4	2.0/25.9	59787
2005 YJ ₂₈	2009 11 26.6	04 09.69 +13 39.7 20.6	-0.96	- 0.4	2.7/25.7	20464
2003 QM ₆₆	2009 11 26.6	04 09.69 -25 16.3 19.8	-1.14	+ 1.0	20.5/19.7	39187
2005 YK ₁₇₉	2009 11 26.6	04 09.71 +10 38.4 20.9	-0.94	- 0.5	3.5/25.3	20473
2000 GT ₁₆₀	2009 11 26.6	04 09.71 +16 18.0 20.0	-1.07	- 2.6	1.8/26.0	41755
2002 PX ₆₇	2009 11 26.6	04 09.74 +34 23.9 20.0	-0.95	- 3.9	4.2/29.0	50931
2002 LL ₁₇	2009 11 26.6	04 09.75 +20 04.2 19.0	-0.87	- 6.0	0.3/26.5	64186
2005 NR ₇₆	2009 11 26.6	04 09.76 +09 05.1 21.1	-1.11	- 1.8	4.6/25.2	90218
2004 FZ ₁₅₉	2009 11 26.6	04 09.78 +21 32.2 19.1	-1.17	+ 0.3	0.3/26.7	64218
2002 LG ₅₂	2009 11 26.6	04 09.82 +06 08.3 19.6	-0.87	- 0.3	4.7/24.8	59680
2005 PT ₁	2009 11 26.6	04 09.83 +34 30.6 18.9	-1.25	- 2.9	6.3/28.8	64246
2006 DP ₂₇	2009 11 26.6	04 09.84 +41 36.4 20.9	-1.07	- 0.9	5.9/29.8	46410
2000 KC ₄₀	2009 11 26.6	04 09.87 +16 05.6 19.8	-1.08	+ 0.1	1.9/26.1	97377

2004 QO ₁₈	2009 11 26.6	04 09.88 +20 04.7 19.7	-1.16	+ 2.6	0.4/26.6	40127
2001 WJ ₁₀₀	2009 11 26.6	04 09.89 +17 55.4 19.6	-1.05	- 0.7	1.1/26.3	19557
2004 TY ₁₈₀	2009 11 26.6	04 09.90 +13 52.9 21.3	-0.93	- 3.0	2.2/25.6	47319
2004 PM	2009 11 26.6	04 09.91 +08 10.8 19.8	-0.93	- 3.9	4.9/24.7	19615
2002 RL ₁₃₇	2009 11 26.6	04 09.91 +58 09.6 22.1	-2.44	- 2.0	17.2/02.9	55082
2005 YQ ₁₉₃	2009 11 26.6	04 09.92 +11 07.5 20.8	-0.93	- 0.9	3.5/25.4	98066
2005 SH ₅₆	2009 11 26.7	04 09.86 +34 12.7 20.4	-1.34	+ 0.2	4.8/28.3	58509
2004 XJ ₁₂₉	2009 11 26.7	04 09.86 +20 11.5 19.0	-0.94	+ 0.7	0.3/26.6	64238
2005 QZ ₂₁	2009 11 26.7	04 09.86 +27 58.6 21.1	-1.22	- 3.4	2.6/27.7	00967
2005 SV ₃₅	2009 11 26.7	04 09.90 +19 45.7 20.5	-1.11	- 1.5	0.5/26.5	14218
2003 CN ₂	2009 11 26.7	04 09.91 +11 59.5 19.2	-0.97	- 3.6	4.4/25.3	64201
2007 EX ₁₈₀	2009 11 26.7	04 09.97 +37 11.5 20.8	-1.13	- 0.9	4.7/28.9	49018
2006 HO ₁₅	2009 11 26.7	04 10.00 +26 08.0 20.3	-0.88	- 2.1	1.5/27.5	57049
2005 QH ₁₂₉	2009 11 26.7	04 10.02 +08 03.3 20.0	-1.02	- 1.7	5.9/25.0	58507
2008 TN ₅₉	2009 11 26.7	04 10.03 +21 48.4 20.5	-0.59	- 1.0	0.2/26.9	50404
2005 WP ₁₉₂	2009 11 26.7	04 10.05 +31 44.5 18.9	-1.06	- 5.3	3.8/28.6	47363
2004 TX ₁₁	2009 11 26.7	04 10.06 +27 00.4 19.2	-1.04	- 1.0	2.4/27.5	64229
2007 GA ₆₄	2009 11 26.7	04 10.08 +16 11.1 20.6	-0.83	- 3.6	1.3/26.0	47429
2004 JB ₂₅	2009 11 26.7	04 10.11 +23 41.7 21.3	-1.12	- 2.6	0.9/27.1	58478
2000 FG ₂₄	2009 11 26.7	04 10.13 +20 56.5 18.6	-1.23	+ 2.3	0.0/26.7	64153
2004 PN ₄₆	2009 11 26.7	04 10.17 +37 15.9 20.1	-1.15	- 4.6	6.0/29.8	95282
2004 LY ₁	2009 11 26.7	04 10.19 -01 35.4 19.2	-1.07	+ 0.9	9.2/25.0	64220
2005 NJ ₁₀₁	2009 11 26.7	04 10.21 +12 10.9 20.8	-1.13	- 2.6	3.6/25.5	58504
2005 QH ₁₈₀	2009 11 26.7	04 10.25 +26 09.3 19.5	-1.21	+ 1.0	2.3/27.3	62429
2006 AL ₁₀₀	2009 11 26.7	04 10.26 +28 14.2 20.7	-1.03	- 2.1	2.5/27.8	09492
2001 YB ₁₃₃	2009 11 26.7	04 10.33 +34 19.7 18.6	-1.34	+ 4.3	5.9/28.0	64177
2005 UM ₁₂₅	2009 11 26.7	04 10.35 +22 57.7 21.1	-1.08	- 2.5	0.7/27.1	19661
2005 SH	2009 11 26.8	04 10.28 +21 49.9 19.2	-0.97	- 6.8	0.4/27.0	97807
2002 TM ₃₀₇	2009 11 26.8	04 10.30 +14 42.8 21.5	-1.14	- 1.3	2.4/26.0	40109
2004 EB ₄₅	2009 11 26.8	04 10.31 +19 50.4 20.8	-0.72	- 1.9	0.3/26.6	62387
2008 GB ₉₉	2009 11 26.8	04 10.33 +18 31.2 20.6	-1.16	- 3.4	1.0/26.4	39074
2004 RJ ₂₁₂	2009 11 26.8	04 10.34 +35 18.1 18.9	-1.05	- 7.1	5.6/29.7	64226
2002 BD ₂₅	2009 11 26.8	04 10.35 +45 28.8 19.4	-1.31	- 0.4	10.7/30.0	94554
2005 QU ₄₉	2009 11 26.8	04 10.37 +20 05.5 18.6	-1.13	- 0.1	0.4/26.7	64248
2006 EQ ₁₀	2009 11 26.8	04 10.40 +04 50.2 19.8	-0.83	- 2.7	5.5/24.2	47399
2007 BC ₇₉	2009 11 26.8	04 10.41 +09 53.3 19.6	-1.08	+ 0.4	5.0/25.6	62502
2006 BO ₂₀₆	2009 11 26.8	04 10.42 -02 07.0 20.5	-0.89	- 0.5	8.4/23.7	60451
2003 RQ ₁₄	2009 11 26.8	04 10.43 +22 38.0 19.2	-0.90	- 5.3	0.5/27.1	64206
2007 EB ₁₄₁	2009 11 26.8	04 10.43 +17 12.6 20.5	-0.92	- 3.4	1.2/26.2	41867
2005 AN ₂₁	2009 11 26.8	04 10.43 +17 12.8 19.3	-0.89	- 0.4	1.3/26.3	02238
2002 RO ₂₁₄	2009 11 26.8	04 10.46 +31 27.8 19.2	-1.31	+ 0.7	4.8/28.0	57373
2002 PF ₁₅₇	2009 11 26.8	04 10.47 -02 42.9 18.4	-0.82	0.0	8.9/23.4	62351
2000 OY ₃₃	2009 11 26.8	04 10.48 +27 09.5 19.7	-1.07	- 4.8	2.1/28.0	16140
2006 GZ ₄₂	2009 11 26.8	04 10.49 +25 02.3 22.7	-0.86	+ 0.4	0.9/27.3	01598
2005 OZ ₁₄	2009 11 26.8	04 10.49 +28 37.2 20.6	-1.27	- 2.3	2.9/28.0	39218
2007 RD ₃₀₉	2009 11 26.8	04 10.50 +17 06.7 20.8	-0.57	- 1.7	0.8/26.2	58899
2004 TW ₃₁₈	2009 11 26.8	04 10.51 +14 21.3 20.5	-0.89	- 4.1	2.1/25.7	48950
2003 QZ ₁₃	2009 11 26.8	04 10.52 +10 47.6 19.4	-0.84	- 4.3	3.6/25.1	59702
2004 JV ₃₀	2009 11 26.8	04 10.54 +17 32.0 20.0	-1.16	+ 2.0	1.3/26.5	66379
2006 DF ₂₅	2009 11 26.8	04 10.66 -01 48.1 20.7	-0.80	- 2.3	6.6/23.2	60861
2004 TG ₁₉₀	2009 11 26.8	04 10.67 +25 54.4 20.7	-1.02	- 1.3	1.7/27.5	64232

2004 TW ₆₉	2009 11 26.8	04 10.68 +15 00.7 19.3	-0.93	- 3.9	2.2/25.9	41817
2006 AF ₂₇	2009 11 26.8	04 10.73 +17 17.4 21.1	-0.98	- 2.2	1.4/26.3	96913
2002 AV ₁₈₄	2009 11 26.8	04 10.73 +04 59.1 18.5	-1.07	+ 5.5	7.4/26.0	64179
2004 SV ₁	2009 11 26.8	04 10.75 +31 55.3 18.6	-1.02	- 7.6	4.4/29.1	59739
2006 DC ₁₈₉	2009 11 26.8	04 10.77 +17 58.3 21.1	-0.83	- 2.1	0.9/26.4	63796
2006 HS ₉₄	2009 11 26.9	04 10.70 +20 37.9 20.8	-0.93	- 2.0	0.1/26.8	01711
2008 PD ₁₀	2009 11 26.9	04 10.72 +55 37.0 20.3	-1.35	- 5.0	10.3/04.9	43306
2002 TU ₈₁	2009 11 26.9	04 10.72 +10 25.9 18.3	-1.02	+ 1.1	5.6/25.8	64193
2005 QM ₂₉	2009 11 26.9	04 10.76 +22 02.6 20.6	-1.16	- 5.4	0.4/27.1	87726
2000 CP ₇₉	2009 11 26.9	04 10.77 +37 38.0 20.2	-1.02	- 2.9	5.6/29.7	45850
1991 VY ₁₀	2009 11 26.9	04 10.78 +13 16.5 20.4	-0.94	- 4.5	2.7/25.7	73922
2005 XJ ₇₄	2009 11 26.9	04 10.79 +28 20.4 20.7	-1.05	- 2.3	2.5/28.0	20459
2005 TR ₄₃	2009 11 26.9	04 10.80 +25 43.2 20.4	-1.19	- 1.2	2.0/28.0	97852
2001 SH ₂₁₂	2009 11 26.9	04 10.83 +14 22.8 19.6	-0.94	- 2.5	3.4/26.0	10799
2004 XU ₁₅₉	2009 11 26.9	04 10.84 +18 38.8 19.8	-0.93	+ 0.8	0.8/26.7	76564
2005 QO ₁₈₈	2009 11 26.9	04 10.85 +18 06.1 20.8	-1.12	- 2.7	1.2/26.5	46302
2002 CZ ₂₃₇	2009 11 26.9	04 10.85 +01 50.8 20.9	-0.92	- 3.8	6.5/23.6	48211
2006 ST ₇₂	2009 11 26.9	04 10.86 +53 07.5 19.2	-2.18	+ 9.1	16.0/27.6	10016
2006 BE ₉₇	2009 11 26.9	04 10.88 +37 08.1 20.6	-1.04	- 1.9	5.0/29.4	64377
2006 FG ₃₅	2009 11 26.9	04 10.88 +17 48.0 20.5	-0.83	- 1.4	0.9/26.5	60457
2002 UQ ₇₀	2009 11 26.9	04 10.89 +28 12.7 20.1	-1.21	- 0.3	3.4/27.8	08505
2002 UB ₇₇	2009 11 26.9	04 10.89 +14 50.1 20.8	-1.12	- 3.4	2.7/26.1	52071
2005 QG ₁₉₀	2009 11 26.9	04 10.89 +33 53.9 20.2	-1.19	- 3.2	5.9/29.0	59468
2005 US ₅₃	2009 11 26.9	04 10.90 +18 54.1 18.4	-1.06	- 0.2	1.0/26.7	64262
2005 YQ ₁₃₅	2009 11 26.9	04 10.91 +26 44.1 19.7	-1.04	- 2.8	2.3/28.0	38084
2007 GG ₁₇	2009 11 26.9	04 10.92 +31 45.5 19.5	-1.04	- 0.3	3.5/28.3	64318
2005 SP ₈₂	2009 11 26.9	04 10.94 +20 18.3 19.4	-1.02	- 3.2	0.4/26.8	62433
2004 RO ₁₄₄	2009 11 26.9	04 10.95 +06 49.0 19.2	-0.90	- 6.1	5.5/24.4	64225
2007 GE ₉	2009 11 26.9	04 10.95 +25 59.7 20.1	-1.01	- 1.5	1.7/27.6	35071
2008 OH ₁₉	2009 11 26.9	04 10.95 +16 56.7 20.5	-0.89	- 2.1	1.3/26.4	47448
2001 SH ₂₂₈	2009 11 26.9	04 10.99 +12 46.1 20.3	-1.02	- 3.2	3.0/25.7	16168
2004 GD ₇₁	2009 11 26.9	04 10.99 +20 06.7 20.8	-1.11	- 1.0	0.3/26.8	58477
2003 SP ₃₀₂	2009 11 26.9	04 11.02 +23 01.8 19.1	-0.88	- 5.2	0.7/27.3	64210
2002 AG ₅₁	2009 11 26.9	04 11.04 +28 52.2 19.3	-1.06	- 4.8	3.2/28.0	94485
2001 XE ₈₂	2009 11 26.9	04 11.05 +16 34.3 18.9	-0.98	- 3.4	2.0/26.3	20754
2000 HT ₄₉	2009 11 26.9	04 11.06 +23 36.8 20.0	-1.14	- 1.6	1.0/27.3	59654
2005 VX ₅	2009 11 26.9	04 11.07 +22 35.5 21.1	-1.09	- 2.4	0.5/27.2	22526
2005 PE ₁₄	2009 11 26.9	04 11.11 +17 30.5 19.8	-1.13	- 1.6	1.6/26.5	47351
2005 WY ₉₈	2009 11 26.9	04 11.14 +18 37.5 19.2	-1.09	- 0.2	1.0/26.7	40409
2005 UV ₄₈₉	2009 11 26.9	04 11.17 +31 06.9 19.1	-1.06	- 5.5	4.7/28.8	01094
2003 RC ₁₉	2009 11 26.9	04 11.17 +35 32.5 20.2	-1.03	- 1.8	4.6/29.2	48895
2008 JE ₁₂	2009 11 26.9	04 11.18 +17 35.2 20.7	-1.09	- 1.3	1.6/26.6	41669
2008 KW	2009 11 26.9	04 11.18 +11 30.5 20.2	-1.08	- 0.9	3.9/25.9	40773
2007 CK ₂	2009 11 26.9	04 11.21 +13 29.3 21.2	-1.03	- 2.7	2.8/25.9	18193
2002 VF ₆₃	2009 11 26.9	04 11.23 +29 46.6 18.8	-1.27	- 3.2	3.8/28.3	64196
2007 FP ₂₉	2009 11 27.0	04 11.14 +23 13.8 20.7	-1.05	- 1.7	0.8/27.3	19461
2008 HA ₃₃	2009 11 27.0	04 11.14 +19 54.7 20.0	-1.23	+ 1.6	0.5/26.9	52506
1995 WH ₈	2009 11 27.0	04 11.15 +21 34.3 18.6	-1.18	+ 1.7	0.2/27.1	64144
2004 FE ₈₅	2009 11 27.0	04 11.16 +21 25.4 20.1	-1.17	+ 0.1	0.1/27.0	69703
2005 QP ₃₅	2009 11 27.0	04 11.17 +16 10.4 19.7	-1.07	- 1.9	2.2/26.4	40137
2006 BD ₂₅₀	2009 11 27.0	04 11.17 +17 08.2 21.0	-0.89	- 2.1	1.2/26.4	47385

2007 CT ₄	2009 11 27.0	04 11.18 +20 44.0 20.2	-1.11	- 3.6	0.2/27.0	64305
2002 AX ₈₆	2009 11 27.0	04 11.19 +16 22.2 18.7	-1.00	- 4.6	2.0/26.2	62337
2006 DP ₉₂	2009 11 27.0	04 11.22 +20 39.3 21.2	-0.86	- 2.4	0.1/27.0	53483
2003 BN ₈₃	2009 11 27.0	04 11.26 +11 38.6 19.2	-1.02	- 1.9	4.2/25.7	64201
2004 PG ₁	2009 11 27.0	04 11.28 +21 23.2 20.2	-1.05	- 1.0	0.1/27.1	64221
2006 AT ₁	2009 11 27.0	04 11.31 +20 27.9 19.7	-0.97	- 4.1	0.2/26.9	64286
2006 HH ₁₁₂	2009 11 27.0	04 11.32 +33 41.9 20.6	-0.99	- 0.9	3.9/28.8	47409
2003 SJ ₁₇₈	2009 11 27.0	04 11.33 +34 54.6 19.2	-0.99	- 2.6	4.4/29.3	59708
2008 GL ₁₀₉	2009 11 27.0	04 11.37 +12 56.9 21.5	-1.03	- 3.8	3.0/25.8	39997
2003 SN ₂₄₆	2009 11 27.0	04 11.45 +02 04.7 20.9	-0.81	- 4.3	5.7/23.9	20317
2003 ET ₄₄	2009 11 27.0	04 11.45 +15 55.0 20.5	-1.10	- 4.8	2.0/26.2	21325
2004 TN ₂₅	2009 11 27.0	04 11.46 +07 40.9 20.6	-0.89	- 4.5	4.2/24.8	57406
2007 FG ₃₈	2009 11 27.0	04 11.50 +33 14.4 20.5	-1.07	- 4.2	3.8/29.1	43278
2004 RZ ₃₀₇	2009 11 27.0	04 11.51 -01 29.9 20.1	-0.88	- 6.3	7.9/22.9	73177
2000 FE ₁₀	2009 11 27.0	04 11.54 +24 05.7 22.3	-1.15	- 1.9	1.1/27.5	16135
2004 QN ₂₇	2009 11 27.0	04 11.54 +40 09.1 20.4	-1.20	- 4.6	6.5/30.4	60372
2004 DJ ₆₃	2009 11 27.0	04 11.56 +32 58.8 20.8	-1.28	- 2.0	4.4/28.7	90191
2006 BE ₁₈₃	2009 11 27.0	04 11.59 +21 46.2 20.7	-0.90	- 1.9	0.2/27.2	47383
2004 GU ₅₃	2009 11 27.0	04 11.65 +23 54.0 20.7	-1.14	- 2.3	1.1/27.5	14722
2004 QU ₄	2009 11 27.1	04 11.60 +20 49.9 19.7	-0.98	- 4.8	0.1/27.1	64222
2000 YS ₂	2009 11 27.1	04 11.66 +26 16.4 18.1	-1.26	+ 4.2	3.0/27.5	64158
2005 SK ₃₂	2009 11 27.1	04 11.67 +18 07.9 20.6	-1.11	- 2.0	1.2/26.7	39766
2003 GS ₄₃	2009 11 27.1	04 11.68 +04 00.5 20.5	-0.95	+ 0.4	5.4/25.2	43171
2003 UO ₄₅	2009 11 27.1	04 11.69 +19 42.3 19.8	-0.87	- 2.5	0.5/26.9	64211
2004 YV ₂₅	2009 11 27.1	04 11.69 +10 18.8 20.1	-0.86	+ 0.2	3.5/25.8	43227
2002 VY ₅₃	2009 11 27.1	04 11.75 +14 12.5 19.2	-1.06	- 5.5	3.1/26.0	62361
2004 VB ₁₀₇	2009 11 27.1	04 11.75 +16 27.3 20.0	-0.88	- 5.8	1.8/26.3	64236
2005 YW ₉₄	2009 11 27.1	04 11.76 -10 18.7 18.5	-0.98	+ 6.3	14.7/26.0	63782
2001 FF ₇₂	2009 11 27.1	04 11.77 +22 18.9 19.0	-0.97	+ 0.1	0.4/27.3	64159
2005 VZ ₇₃	2009 11 27.1	04 11.77 +17 08.5 20.0	-1.09	+ 1.5	1.6/26.8	19239
2005 QB ₉	2009 11 27.1	04 11.79 +40 33.9 19.7	-1.37	- 1.6	8.0/29.9	62426
2005 WU ₃₈	2009 11 27.1	04 11.79 +12 04.3 19.3	-1.07	+ 2.9	3.6/26.4	64274
2002 QG ₈₇	2009 11 27.1	04 11.81 +20 46.5 20.8	-1.19	- 2.5	0.1/27.1	40675
2001 QJ ₂₄₉	2009 11 27.1	04 11.82 +62 27.9 20.3	-2.58	+ 2.7	19.4/03.2	37274
2005 CK ₉	2009 11 27.1	04 11.82 -04 32.3 20.2	-0.83	+ 0.3	8.4/23.6	77809
2005 QA ₈₄	2009 11 27.1	04 11.82 +21 05.3 19.0	-1.07	- 3.1	0.0/27.1	21822
2008 RK ₁₀₉	2009 11 27.1	04 11.85 +28 00.9 20.5	-0.93	- 1.7	2.1/28.1	50198
2006 BA ₁₆₁	2009 11 27.1	04 11.88 +01 05.3 20.7	-0.77	- 2.1	5.3/24.1	47382
2007 JM ₃₉	2009 11 27.1	04 11.91 +16 35.0 20.5	-1.08	- 1.9	1.9/26.6	21701
2008 QL ₃₃	2009 11 27.1	04 11.95 +06 19.8 20.6	-0.80	- 3.0	4.4/24.9	50152
2005 YM ₁₉₀	2009 11 27.1	04 11.98 +23 17.5 19.9	-1.00	- 2.5	0.8/27.5	62472
2008 GE ₁₃₁	2009 11 27.2	04 11.97 +14 32.6 19.9	-1.05	- 1.4	2.7/26.4	40764
2005 SZ ₇₄	2009 11 27.2	04 11.98 +25 38.4 20.0	-1.11	- 1.8	2.1/27.8	64253
2005 TZ ₁₃	2009 11 27.2	04 11.99 +18 00.3 20.0	-1.06	- 2.9	1.4/26.8	64258
2008 TA ₁₁₂	2009 11 27.2	04 12.01 +22 13.0 19.9	-0.57	- 2.2	0.2/27.4	64338
2003 UX ₂₄₄	2009 11 27.2	04 12.03 +16 53.5 19.2	-0.88	- 0.2	1.5/26.7	47275
2006 ET ₅₃	2009 11 27.2	04 12.05 +07 51.1 21.4	-0.79	- 3.5	3.7/25.0	46446
2004 GY ₁	2009 11 27.2	04 12.09 +17 05.0 19.5	-1.14	0.0	1.6/26.8	16267
2004 RS ₁₅₀	2009 11 27.2	04 12.12 +08 15.4 20.0	-0.91	- 3.8	4.6/25.2	47306
2005 YU ₄₂	2009 11 27.2	04 12.13 +15 55.8 19.6	-0.96	- 1.7	2.0/26.5	98039
2002 RX ₁₃₂	2009 11 27.2	04 12.17 +16 00.2 20.0	-1.19	- 0.7	2.2/26.7	58436

2004 YK ₃₆	2009 11 27.2	04 12.20 +55 22.1 20.9	-1.33	- 3.6	9.6/03.6	11077
2007 GO ₇₆	2009 11 27.2	04 12.24 +26 56.6 20.1	-1.06	- 1.1	2.2/28.0	59522
1999 TY ₇₅	2009 11 27.2	04 12.31 +26 01.4 20.2	-1.01	- 1.1	1.7/28.0	63604
2002 DL ₁₀	2009 11 27.2	04 12.32 +29 33.0 19.9	-1.09	- 3.2	3.5/28.5	41780
2005 SE ₅₇	2009 11 27.2	04 12.37 +33 17.1 20.2	-1.23	- 1.9	5.3/29.0	59757
2007 GZ ₂₃	2009 11 27.2	04 12.39 +22 51.1 20.7	-1.03	- 1.9	0.6/27.5	64318
2004 LB ₁₄	2009 11 27.2	04 12.39 +04 04.4 22.2	-0.98	- 1.3	5.8/25.2	39741
2005 UD ₁₂₅	2009 11 27.2	04 12.39 +24 05.5 20.5	-1.11	- 1.9	1.1/27.7	47356
2001 UA ₁₈₄	2009 11 27.2	04 12.43 -15 39.2 19.4	-1.04	-13.2	18.3/16.4	64168
1995 UR ₁₅	2009 11 27.2	04 12.43 +18 47.8 19.8	-0.98	- 0.5	0.9/27.0	58393
2006 HT ₃₉	2009 11 27.2	04 12.44 +22 56.0 18.6	-1.12	+ 4.9	0.6/27.4	64296
2002 PD ₁₃₃	2009 11 27.2	04 12.49 +28 44.0 19.5	-1.24	- 4.2	3.4/28.5	59682
2005 YF ₁₃₆	2009 11 27.2	04 12.49 +21 38.6 20.7	-1.00	- 1.2	0.2/27.4	19680
2003 AK ₅₄	2009 11 27.3	04 12.41 +25 41.4 19.4	-1.12	- 2.1	2.2/27.9	64199
2006 BO ₁₅₅	2009 11 27.3	04 12.42 +14 21.8 21.0	-0.84	- 1.5	1.9/26.4	47382
2003 FT ₃₃	2009 11 27.3	04 12.43 +25 39.7 21.3	-1.06	- 1.5	1.5/28.0	24391
2005 WB ₅₁	2009 11 27.3	04 12.45 +19 09.8 18.4	-1.06	+ 1.3	0.9/27.1	64275
2007 HL ₃₀	2009 11 27.3	04 12.46 +19 54.4 20.4	-1.01	- 2.0	0.5/27.1	57474
2001 YE ₅₃	2009 11 27.3	04 12.47 +30 12.9 18.8	-1.08	- 6.1	3.5/29.0	94429
2001 PQ ₁₈	2009 11 27.3	04 12.49 +50 00.6 20.8	-1.59	- 2.3	11.4/02.7	17934
2007 GQ ₃₃	2009 11 27.3	04 12.50 +22 25.1 20.7	-1.11	- 1.2	0.5/27.5	26268
2005 YP ₉₁	2009 11 27.3	04 12.51 +22 07.6 19.6	-0.97	- 3.8	0.4/27.5	64282
2004 XR ₁₉₁	2009 11 27.3	04 12.53 +56 05.0 20.4	-1.35	- 2.3	9.3/03.2	11076
2002 TM ₃₆₀	2009 11 27.3	04 12.53 +12 18.9 19.4	-1.05	- 4.0	4.1/26.0	58441
2005 UC ₃₈₉	2009 11 27.3	04 12.55 -01 18.7 20.8	-1.04	-11.5	8.3/21.8	20429
2004 PG ₅	2009 11 27.3	04 12.58 +09 48.1 20.3	-0.98	- 2.8	4.3/25.8	39742
1999 XH ₅	2009 11 27.3	04 12.59 +18 01.0 18.6	-1.15	+ 2.5	1.6/27.1	16131
2005 YO ₂₁₀	2009 11 27.3	04 12.59 +25 21.2 18.3	-1.03	+ 2.2	2.2/28.0	64285
2002 FD ₃₀	2009 11 27.3	04 12.59 +30 44.7 20.1	-1.19	+ 2.2	3.6/28.0	97588
2007 DY ₅₂	2009 11 27.3	04 12.63 +12 30.1 20.9	-1.03	- 4.0	3.3/26.0	43273
2005 UA ₂₂₇	2009 11 27.3	04 12.63 +17 21.7 20.6	-1.03	- 4.3	1.4/26.7	64266
2007 JV ₄₁	2009 11 27.3	04 12.63 +25 01.4 19.8	-1.05	- 0.6	1.4/27.8	64322
2002 GS ₁₅₂	2009 11 27.3	04 12.64 +10 46.1 22.3	-0.84	- 1.7	2.7/25.9	42612
2006 DK ₂₃	2009 11 27.3	04 12.66 +19 52.7 20.4	-0.91	- 1.9	0.4/27.2	48993
2003 NT ₁	2009 11 27.3	04 12.68 +03 00.3 18.3	-0.91	+ 2.0	6.8/25.7	64204
2001 TK ₃₈	2009 11 27.3	04 12.69 +33 23.5 17.7	-1.12	- 3.7	5.7/29.4	64165
2005 QM ₁₂₉	2009 11 27.3	04 12.71 +13 41.4 20.3	-1.10	- 1.4	3.2/26.4	40693
2005 YZ ₃₄	2009 11 27.3	04 12.72 +25 02.9 19.8	-0.98	- 3.6	1.3/28.0	47366
2005 SX ₃₃	2009 11 27.3	04 12.75 +19 00.1 19.3	-1.02	0.0	1.1/27.1	97813
2005 PZ ₅	2009 11 27.3	04 12.78 -14 21.9 21.6	-1.02	- 2.6	12.4/22.3	58505
2002 GB ₃₇	2009 11 27.3	04 12.80 +25 38.3 19.7	-1.11	+ 0.1	1.8/27.9	64184
2005 AZ ₃₆	2009 11 27.3	04 12.84 -02 09.6 20.0	-0.81	- 0.3	7.3/24.2	43228
2004 TB ₂₇₆	2009 11 27.3	04 12.84 +18 24.7 19.2	-0.91	- 4.1	0.9/26.9	63690
2005 SH ₆₄	2009 11 27.3	04 12.84 +23 31.6 20.1	-1.16	- 2.0	1.0/27.7	19652
2000 DP ₄₃	2009 11 27.3	04 12.85 +09 13.9 20.3	-0.83	- 2.0	3.8/25.6	01995
2001 HS ₁₃	2009 11 27.3	04 12.87 -10 31.8 21.4	-0.73	- 2.5	7.3/22.1	21763
2004 GN ₂₃	2009 11 27.3	04 12.90 -06 32.2 18.6	-0.99	-15.3	12.7/19.0	64218
2007 BZ ₁₂	2009 11 27.4	04 12.86 +23 45.2 21.3	-1.16	- 2.3	1.0/27.8	14541
2002 CS ₁₈₅	2009 11 27.4	04 12.88 +21 45.9 20.4	-1.01	- 1.8	0.2/27.5	47203
2005 UD ₃₆₄	2009 11 27.4	04 12.91 +16 36.3 20.3	-1.06	- 2.1	1.7/26.8	19665
2005 YS ₁₃₆	2009 11 27.4	04 12.93 +23 17.5 19.7	-1.01	- 1.9	0.8/27.7	64283

2005 SJ ₂₇₀	2009 11 27.4	04 12.97 +16 48.2 20.2	-1.02	- 5.6	1.8/26.7	64257
2005 YS ₁₆₄	2009 11 27.4	04 13.01 +29 04.7 18.8	-1.03	- 1.3	3.8/28.5	62472
2003 JG ₁₇	2009 11 27.4	04 13.02 +16 24.1 20.7	-0.92	- 1.6	1.4/26.8	47250
2004 RA ₁₄₆	2009 11 27.4	04 13.05 +40 22.1 19.8	-1.19	- 0.5	8.0/30.0	95379
2004 TR ₈₃	2009 11 27.4	04 13.10 +16 21.1 19.5	-0.93	- 3.9	1.8/26.7	62405
2007 TG ₄₃₇	2009 11 27.4	04 13.11 +15 31.2 20.4	-0.56	- 1.6	1.1/26.6	55399
2005 WK ₁₀₅	2009 11 27.4	04 13.11 +00 59.6 19.4	-1.04	+ 1.5	8.2/25.7	64276
2006 DX ₂₀	2009 11 27.4	04 13.17 +09 14.6 19.9	-0.88	- 2.8	4.3/25.7	47390
2003 UC ₁₅₅	2009 11 27.4	04 13.18 +26 08.9 19.8	-1.01	+ 0.5	1.7/28.0	64212
2001 TW ₁₈₃	2009 11 27.4	04 13.19 +26 16.4 20.1	-1.12	- 1.8	1.8/28.2	41771
2002 LM ₆₂	2009 11 27.4	04 13.20 +00 47.5 19.8	-0.87	+ 1.7	6.4/25.3	43155
2002 QH ₆₆	2009 11 27.4	04 13.21 +16 42.5 19.0	-1.09	- 1.7	2.2/26.9	18018
2004 QM ₃	2009 11 27.4	04 13.21 +02 40.3 19.1	-0.91	- 3.8	7.0/24.4	47300
2008 QE ₆	2009 11 27.4	04 13.23 +18 06.6 20.3	-0.85	- 4.4	0.9/27.0	50141
2002 AR ₁₂₁	2009 11 27.4	04 13.26 +41 28.5 19.2	-1.20	- 3.4	7.2/30.8	47197
2000 GB ₁₀₄	2009 11 27.4	04 13.33 +20 46.4 19.9	-1.09	- 1.7	0.1/27.4	64153
2007 HE ₉	2009 11 27.5	04 13.25 +18 02.4 20.6	-1.07	- 4.7	1.3/27.0	21217
2002 EY ₅₉	2009 11 27.5	04 13.26 +42 19.4 20.4	-1.19	- 1.8	6.7/30.7	58426
2002 AX ₃₉	2009 11 27.5	04 13.29 +22 16.5 18.3	-0.97	- 4.8	0.5/27.7	64177
2006 AQ ₆₉	2009 11 27.5	04 13.35 +14 02.3 20.5	-0.94	0.0	2.2/26.7	57037
2007 EX ₈₁	2009 11 27.5	04 13.38 +23 13.9 20.2	-1.04	- 1.2	0.7/28.0	64313
2005 SJ ₅₄	2009 11 27.5	04 13.38 +23 02.9 19.5	-1.13	- 2.4	0.8/27.8	41827
2002 AE ₁₂₅	2009 11 27.5	04 13.40 +00 12.9 20.5	-0.90	- 1.5	6.2/24.4	21774
2006 BR ₁₈₀	2009 11 27.5	04 13.42 +05 49.6 20.5	-0.84	- 1.0	4.6/25.5	21356
2006 HK ₄₉	2009 11 27.5	04 13.43 +17 47.6 19.1	-0.90	- 1.1	1.2/27.1	56044
2005 QJ ₅₇	2009 11 27.5	04 13.43 +20 41.2 20.0	-1.10	- 3.8	11.0/18.0	90230
2004 FZ ₆₄	2009 11 27.5	04 13.45 +11 55.6 19.6	-1.04	- 3.9	3.5/26.1	40122
2007 EO ₁₁₉	2009 11 27.5	04 13.46 +20 28.7 19.9	-1.00	- 1.4	0.2/27.4	64314
2004 CY ₃₁	2009 11 27.5	04 13.48 +26 26.2 19.0	-1.22	- 5.2	2.6/28.4	64215
2003 KG ₉	2009 11 27.5	04 13.49 +09 34.3 20.7	-0.91	- 2.5	3.6/25.9	47250
2003 FP ₂₉	2009 11 27.5	04 13.51 +17 53.2 21.4	-0.95	- 3.3	1.0/27.1	47244
2003 MX ₃	2009 11 27.5	04 13.51 -15 08.2 20.6	-0.91	- 0.1	10.7/22.3	19601
2007 DP ₁₁₂	2009 11 27.5	04 13.55 +10 08.6 20.9	-0.83	- 2.7	3.2/25.9	47421
2004 PB ₆₇	2009 11 27.5	04 13.56 +38 46.0 19.3	-1.17	- 4.0	6.0/30.6	40687
2005 AF ₅₁	2009 11 27.5	04 13.60 +05 57.6 20.0	-0.80	- 1.1	4.5/25.5	58488
2000 QQ ₁₄₈	2009 11 27.5	04 13.62 +43 26.7 19.1	-1.37	- 1.7	9.2/01.3	5017
2003 FC ₃₁	2009 11 27.5	04 13.67 +21 00.1 19.4	-1.11	+ 0.1	0.1/27.6	64202
2002 EH ₈₃	2009 11 27.5	04 13.68 +11 22.8 20.7	-0.92	- 3.9	3.4/26.0	60306
2005 MT ₄₈	2009 11 27.5	04 13.70 +09 42.3 21.5	-1.10	- 2.2	4.5/26.1	87693
2001 SS ₁₁₆	2009 11 27.5	04 13.73 +21 55.8 18.2	-1.01	- 6.5	0.3/27.7	58413
2005 UP ₁₀₃	2009 11 27.5	04 13.73 +20 17.5 20.6	-1.11	- 1.6	9.6/18.0	60432
2000 SY ₂₂₄	2009 11 27.6	04 13.69 +05 21.5 18.8	-0.89	- 6.4	6.4/24.5	64156
2005 XP ₁₀₉	2009 11 27.6	04 13.69 +20 17.3 20.7	-1.02	- 2.4	0.3/27.5	41835
2005 GQ ₅₀	2009 11 27.6	04 13.75 +20 02.8 19.7	-1.23	- 2.2	10.5/18.0	64241
2005 TY ₁₃₉	2009 11 27.6	04 13.78 +15 08.8 20.1	-1.04	- 3.0	2.6/26.7	19657
2004 CO ₁₀₆	2009 11 27.6	04 13.78 +18 37.3 20.0	-1.12	- 5.9	1.1/27.2	64215
2007 DL ₇₂	2009 11 27.6	04 13.78 +27 04.6 23.2	-1.01	- 2.0	1.7/28.4	20850
2006 DR ₃₃	2009 11 27.6	04 13.80 +26 28.0 21.4	-0.90	- 1.6	1.5/28.4	55215
2006 HW ₁₃₅	2009 11 27.6	04 13.80 +31 15.2 19.8	-1.02	+ 0.5	3.6/28.8	04375
2002 OE ₆	2009 11 27.6	04 13.83 +33 57.0 19.8	-0.94	- 4.9	3.6/30.0	47219
2003 JV ₇	2009 11 27.6	04 13.84 +19 09.6 19.7	-1.07	+ 0.9	0.7/27.4	43172

2005 AC ₃₀	2009 11 27.6	04 13.86 +21 14.9 18.7	-0.96 + 1.9	0.0/27.6	64239
2005 YX ₁₂₃	2009 11 27.6	04 13.88 +23 15.4 18.3	-1.01 - 0.4	1.0/28.0	64283
2005 CG ₄₃	2009 11 27.6	04 13.90 -05 54.8 19.4	-0.83 + 0.5	9.7/23.9	97780
1999 TC ₆₂	2009 11 27.6	04 13.90 +25 18.8 19.9	-0.99 - 1.1	1.4/28.2	64148
2005 QC ₈	2009 11 27.6	04 13.93 +17 38.8 19.6	-1.04 - 2.4	1.7/27.2	90223
2003 SH ₄₃₀	2009 11 27.6	04 13.96 +33 35.2 20.7	-0.96 - 2.3	3.7/29.5	47266
1995 GW ₁	2009 11 27.6	04 13.97 +12 28.8 20.5	-0.81 - 1.9	2.4/26.4	97324
2000 SW ₆₄	2009 11 27.6	04 13.97 +00 21.7 19.0	-0.87 - 5.3	8.3/23.9	64155
2005 PW ₁₈	2009 11 27.6	04 14.01 +11 10.5 20.1	-1.09 - 1.9	4.3/26.4	40137
2001 TM ₁₇₈	2009 11 27.6	04 14.05 +18 58.9 19.5	-1.03 - 5.2	0.9/27.3	64166
2002 YQ ₂₉	2009 11 27.6	04 14.12 +18 12.8 18.9	-1.09 - 0.9	1.4/27.3	21789
2007 EZ ₁₃₃	2009 11 27.6	04 14.13 +25 08.5 20.1	-1.15 - 1.8	1.8/28.0	21878
2008 NN ₃	2009 11 27.6	04 14.15 +24 08.6 20.7	-1.02 - 3.4	1.0/28.1	41928
2005 SG ₃₀	2009 11 27.6	04 14.18 +17 31.9 20.3	-1.10 - 2.1	1.4/27.2	39227
2002 TH ₂₉₈	2009 11 27.7	04 14.11 +32 31.8 19.2	-1.27 - 1.1	5.2/29.2	90162
2006 BT ₉₈	2009 11 27.7	04 14.13 +17 49.3 19.9	-0.96 - 3.6	1.3/27.2	64289
2004 YA ₁₉	2009 11 27.7	04 14.15 +01 01.2 19.2	-0.85 + 1.4	6.5/25.6	60821
2005 TW ₂	2009 11 27.7	04 14.18 +34 04.0 20.0	-1.24 - 1.7	5.5/29.4	19655
2002 BN ₂₇	2009 11 27.7	04 14.18 +27 56.7 18.9	-1.15 - 0.3	2.8/28.0	97557
2007 EN ₁₈₉	2009 11 27.7	04 14.19 +12 42.4 20.6	-1.02 - 4.3	3.5/26.4	41331
2004 SZ ₃₄	2009 11 27.7	04 14.19 +30 34.7 20.1	-1.00 - 4.8	4.0/29.3	00788
2006 DY ₈₉	2009 11 27.7	04 14.21 +06 32.4 20.5	-0.81 - 2.9	4.6/25.4	47394
2007 HJ ₇₃	2009 11 27.7	04 14.21 +14 59.1 21.6	-0.84 - 2.7	1.8/26.8	47432
2001 QV ₂₂₈	2009 11 27.7	04 14.26 +24 25.0 19.3	-1.07 - 6.5	1.3/28.3	10782
2004 HG ₃₈	2009 11 27.7	04 14.26 +12 14.5 21.1	-1.03 - 2.3	3.0/26.5	46129
2008 JX ₁₉	2009 11 27.7	04 14.28 +22 50.8 19.1	-1.06 - 7.7	0.6/28.0	40614
2005 OR ₁₂	2009 11 27.7	04 14.31 +30 14.9 18.8	-1.19 - 1.6	4.2/29.0	64245
2005 QA ₁₁₇	2009 11 27.7	04 14.34 +31 06.2 21.0	-1.26 - 2.8	3.8/29.2	39224
2008 SC ₂₁	2009 11 27.7	04 14.37 +35 03.4 20.7	-0.98 - 2.3	4.3/29.9	49045
2001 RQ ₁₄₁	2009 11 27.7	04 14.39 +08 37.0 19.0	-0.98 - 0.3	5.9/26.3	62317
2008 QR ₂₆	2009 11 27.7	04 14.40 +31 33.4 19.7	-1.01 - 1.5	3.3/29.2	49036
2007 RR ₁₈₈	2009 11 27.7	04 14.41 +27 34.5 21.0	-0.62 - 1.1	1.2/28.7	49027
2003 WP ₇₀	2009 11 27.7	04 14.48 +17 13.6 19.6	-0.86 - 7.4	1.1/27.0	64213
2008 PK ₁₂	2009 11 27.7	04 14.50 +53 35.1 19.8	-1.48 - 3.7	11.2/03.8	49034
2007 DH ₁₀₅	2009 11 27.7	04 14.53 +23 56.1 20.0	-1.01 - 0.9	0.9/28.1	43274
2005 WR ₃₇	2009 11 27.7	04 14.57 +19 20.6 19.9	-1.04 - 1.4	0.8/27.5	20824
1998 VR ₄₈	2009 11 27.7	04 14.57 +19 54.5 19.7	-0.90 - 2.3	0.5/27.6	64147
2004 XE ₁₃₃	2009 11 27.7	04 14.59 +32 24.4 20.0	-0.95 - 3.5	3.4/29.6	73697
2005 TE ₁₉₃	2009 11 27.7	04 14.60 +28 24.8 21.0	-1.20 - 0.1	2.8/28.6	24042
2008 RO ₁₂₈	2009 11 27.8	04 14.55 -03 45.9 21.7	-0.75 - 2.2	6.5/23.9	58161
2003 GH ₃₆	2009 11 27.8	04 14.57 +06 07.3 20.2	-0.96 - 0.4	4.6/26.0	20779
2004 XZ ₇₈	2009 11 27.8	04 14.59 +17 32.2 19.1	-0.92 + 0.6	1.1/27.4	60820
2007 FC ₄₁	2009 11 27.8	04 14.63 +08 05.1 21.2	-0.87 - 1.6	3.7/26.0	20861
2005 YB ₃₃	2009 11 27.8	04 14.71 +21 42.2 18.9	-0.96 - 3.8	10.8/08.0	62468
2007 GV ₃₀	2009 11 27.8	04 14.74 +25 37.0 21.0	-1.02 - 1.2	1.5/28.4	21879
2002 OS ₁₅	2009 11 27.8	04 14.76 +28 34.2 19.8	-0.89 - 5.2	2.1/29.2	47219
1996 OZ	2009 11 27.8	04 14.77 +58 12.0 18.6	-1.65 -11.1	14.3/09.6	97328
2000 WT ₄₇	2009 11 27.8	04 14.80 +17 42.3 19.1	-1.09 + 3.8	1.4/27.6	58405
2001 XO ₂₂₄	2009 11 27.8	04 14.80 +22 41.9 18.8	-1.08 - 0.4	0.6/28.0	64175
2000 QU ₉₃	2009 11 27.8	04 14.81 +05 47.1 20.8	-0.94 - 3.7	5.4/25.5	40665
2007 DU ₁₅	2009 11 27.8	04 14.83 +31 47.9 19.5	-1.24 - 0.6	4.7/29.1	19701

2002 PT ₁₈₇	2009 11 27.8	04 14.87 +14 11.9 21.7	-0.82 - 1.3	1.9/26.9	49839
2003 WF ₈₅	2009 11 27.8	04 14.90 +17 43.8 19.7	-0.83 - 4.2	1.1/27.3	64213
2006 HY ₁₂	2009 11 27.8	04 14.91 +12 00.0 20.8	-0.80 - 2.0	2.6/26.5	47406
2002 QL ₈	2009 11 27.8	04 14.92 +13 34.6 20.4	-1.18 - 0.2	3.1/27.1	39169
2002 CV ₁₁₆	2009 11 27.8	04 14.92 +34 26.7 19.1	-1.09 - 4.1	5.7/30.0	17995
2006 FQ ₄₃	2009 11 27.8	04 14.92 +37 00.7 19.2	-1.10 - 0.1	5.3/29.9	28246
2004 SV ₂₂	2009 11 27.8	04 14.92 +18 28.9 20.4	-0.93 - 4.1	1.0/27.4	62402
2003 SU ₁₁₂	2009 11 27.8	04 14.94 +33 10.9 20.1	-0.99 - 5.3	3.8/30.1	56906
2000 QE ₃₂	2009 11 27.8	04 14.97 +31 15.3 19.7	-1.16 - 1.4	3.6/29.2	14601
2002 AH ₁₉₀	2009 11 27.8	04 14.99 +07 59.5 21.2	-1.00 + 0.9	4.6/26.5	97554
2006 HQ ₆	2009 11 27.8	04 14.99 +14 01.5 19.6	-0.83 - 4.3	2.3/26.7	47405
2005 UM ₃₉₈	2009 11 27.8	04 15.03 +21 35.4 18.7	-1.16 + 1.8	10.8/18.0	64269
2005 TF ₁₀₁	2009 11 27.8	04 15.03 +25 45.2 20.1	-1.16 - 0.9	1.7/28.4	64259
2005 QU ₄₁	2009 11 27.8	04 15.06 +21 45.0 20.3	-1.15 - 3.7	9.2/18.0	64247
2005 KC ₁	2009 11 27.8	04 15.07 +12 06.6 21.4	-1.15 - 3.0	3.7/26.7	37372
2003 UG ₃₁₈	2009 11 27.9	04 14.96 +05 40.2 20.7	-0.80 - 2.9	5.0/25.5	41802
2002 AE ₁₀₆	2009 11 27.9	04 14.97 +13 11.2 17.9	-0.97 + 1.1	3.8/27.1	64178
1998 RB ₄₆	2009 11 27.9	04 14.97 +14 42.9 19.1	-1.05 - 4.7	2.9/26.9	59647
2004 SG ₄₉	2009 11 27.9	04 14.99 -03 11.9 19.2	-0.91 + 0.9	9.1/25.2	62403
1997 NZ ₁	2009 11 27.9	04 15.01 +14 57.9 21.7	-1.07 - 1.5	2.2/27.1	60491
2003 UC ₁	2009 11 27.9	04 15.02 +22 06.8 19.9	-0.86 - 4.3	0.3/28.1	64211
2005 SR ₁₂₃	2009 11 27.9	04 15.02 +16 29.5 19.2	-1.04 - 5.8	2.0/27.1	64255
2006 FG ₁₃	2009 11 27.9	04 15.04 +03 00.6 20.5	-0.79 - 4.6	5.7/24.7	57047
2006 BO ₃₉	2009 11 27.9	04 15.05 +24 09.9 19.3	-1.03 - 1.6	1.2/28.3	62476
2007 GN	2009 11 27.9	04 15.06 +20 26.8 21.3	-0.98 - 2.7	0.3/27.8	46527
2003 ST ₂₀₀	2009 11 27.9	04 15.07 +22 38.5 18.9	-0.89 - 1.6	0.5/28.1	64209
2007 FO ₁₂	2009 11 27.9	04 15.09 +06 30.7 21.7	-0.94 - 5.6	5.4/25.3	19454
2001 SK ₁₇₀	2009 11 27.9	04 15.10 +31 07.1 20.0	-1.16 - 3.9	3.7/29.5	59667
1995 SH ₁₇	2009 11 27.9	04 15.10 +10 10.7 20.9	-0.91 - 2.9	3.5/26.3	47126
2005 WM ₂₀₈	2009 11 27.9	04 15.12 +28 12.3 18.5	-1.02 - 2.2	3.5/28.9	11152
2003 RG ₁₅	2009 11 27.9	04 15.13 +15 30.9 19.7	-0.85 - 6.4	1.9/26.9	62374
2005 QA ₆₈	2009 11 27.9	04 15.14 +23 18.6 20.2	-1.21 - 1.5	0.8/28.2	39222
2007 HY ₆	2009 11 27.9	04 15.20 +27 21.5 20.4	-0.94 - 1.2	1.8/28.8	47430
2007 ET ₂₀₈	2009 11 27.9	04 15.21 +25 12.7 20.1	-1.11 + 1.0	1.4/28.4	64316
2004 TG ₁₄₆	2009 11 27.9	04 15.21 +10 28.4 20.1	-0.90 - 4.0	3.8/26.3	20807
2008 QR ₄₂	2009 11 27.9	04 15.22 +53 13.7 21.2	-1.32 - 1.3	9.5/03.5	58154
2007 EG ₁₉₉	2009 11 27.9	04 15.22 -11 01.2 20.9	-0.97 + 2.1	8.9/24.4	22884
2005 WM ₂₉	2009 11 27.9	04 15.23 +23 37.8 20.5	-1.16 - 1.0	0.9/28.2	62460
2001 TT ₅	2009 11 27.9	04 15.23 +14 27.4 19.4	-1.06 0.0	3.0/27.2	00064
2006 DJ ₁₉₅	2009 11 27.9	04 15.23 +14 28.6 20.2	-0.80 - 1.4	1.8/27.0	47397
2004 RN ₄₃	2009 11 27.9	04 15.26 +07 54.5 18.9	-0.87 - 4.1	5.8/25.8	70406
1998 FZ ₁₂₀	2009 11 27.9	04 15.28 +37 26.5 20.0	-1.22 + 0.1	5.9/29.8	97334
2002 QB ₅₈	2009 11 27.9	04 15.29 +25 41.9 20.1	-0.85 - 2.8	1.2/28.7	58434
2005 SA ₆₉	2009 11 27.9	04 15.30 +39 35.9 20.5	-1.42 - 1.1	6.7/30.5	38895
2001 HA ₁₁	2009 11 27.9	04 15.35 +28 04.6 21.9	-1.27 - 0.7	2.5/28.7	88792
2000 EN ₁₆₈	2009 11 27.9	04 15.36 +39 18.3 19.0	-1.16 + 2.0	6.2/29.7	64153
2007 DP ₉₁	2009 11 27.9	04 15.37 +10 23.7 20.0	-1.06 - 2.3	4.8/26.5	18213
2001 UP ₁₈₂	2009 11 27.9	04 15.37 +20 37.7 19.1	-1.07 - 0.2	11.2/18.0	62326
2001 SL ₃₀	2009 11 27.9	04 15.41 +22 37.7 19.4	-1.06 - 1.5	0.6/28.2	62318
2005 QG ₁₇₆	2009 11 27.9	04 15.41 +20 11.7 21.1	-1.11 - 3.4	9.4/18.0	40139
2006 DS ₁₇	2009 11 27.9	04 15.41 +04 03.4 20.1	-0.87 - 0.6	5.7/25.8	26132

2007 HG ₂₈	2009 11 27.9	04 15.48 +18 50.0 20.0	-1.02	- 3.1	0.9/27.6	62520
2006 DF ₄₇	2009 11 28.0	04 15.45 +01 30.7 20.6	-0.79	- 1.4	5.5/25.3	47392
2006 HM ₁₅	2009 11 28.0	04 15.51 +31 44.5 20.7	-1.02	- 0.2	3.5/29.3	09553
2006 GW ₄₂	2009 11 28.0	04 15.54 +09 17.6 19.7	-0.83	- 6.4	3.3/25.7	48598
2007 HX ₃₆	2009 11 28.0	04 15.56 +25 27.1 20.8	-1.09	- 1.3	1.5/28.6	20876
2005 QU ₅₀	2009 11 28.0	04 15.56 +22 48.3 20.3	-1.17	- 1.9	0.6/28.2	64248
2008 HB ₅₉	2009 11 28.0	04 15.58 +16 59.7 21.3	-1.10	- 3.5	1.6/27.4	40027
2005 YF ₂₀₃	2009 11 28.0	04 15.63 +18 21.8 21.2	-0.96	- 2.5	1.0/27.6	20475
2002 VT ₁₂	2009 11 28.0	04 15.65 +21 57.8 18.1	-1.01	- 7.4	0.3/28.2	64196
2008 PL ₈	2009 11 28.0	04 15.65 +33 51.5 20.4	-1.09	- 4.8	4.2/30.2	47450
2007 HC ₃₁	2009 11 28.0	04 15.67 +17 11.2 20.7	-1.06	- 3.1	1.6/27.5	20639
2004 EB ₄₆	2009 11 28.0	04 15.70 +15 22.6 21.1	-1.10	- 3.7	2.3/27.2	11039
2006 BJ ₈₇	2009 11 28.0	04 15.73 +08 59.5 20.4	-0.86	- 0.4	3.7/26.6	43254
2006 AP ₁	2009 11 28.0	04 15.74 +04 35.4 19.2	-0.99	+ 2.7	6.2/26.5	02268
2008 QU ₈	2009 11 28.0	04 15.75 +21 48.7 20.5	-0.86	- 2.0	0.2/28.1	62541
2003 SF ₁₉	2009 11 28.0	04 15.80 +08 27.3 19.7	-0.86	- 3.7	4.5/26.0	47256
2007 GW ₂₄	2009 11 28.0	04 15.81 +12 49.4 20.2	-0.90	- 5.2	2.6/26.6	47427
2000 QT ₂₆	2009 11 28.0	04 15.83 +25 56.6 19.6	-1.07	- 3.6	1.7/28.8	17915
2005 TD ₁₀₂	2009 11 28.0	04 15.86 +22 33.8 21.0	-1.11	- 3.5	0.5/28.3	01010
2004 TN ₂₅₆	2009 11 28.0	04 15.86 +26 57.5 19.8	-1.01	- 1.9	2.0/28.9	02221
2003 SS ₂₈	2009 11 28.0	04 15.88 +33 27.8 20.0	-0.99	- 2.1	3.8/29.9	47256
2004 RT ₂₃₆	2009 11 28.0	04 15.89 +24 03.0 20.2	-0.99	- 3.3	1.1/28.5	41814
2007 LK ₃₃	2009 11 28.1	04 15.83 -05 14.6 22.0	-0.74	- 3.8	6.4/23.5	49023
2001 VS ₇₇	2009 11 28.1	04 15.88 +23 24.2 19.4	-1.08	- 4.3	0.8/28.4	64170
2001 SS ₁₉₉	2009 11 28.1	04 15.90 +18 27.4 20.3	-1.08	- 2.4	1.0/27.7	62319
2004 TH ₁₃₅	2009 11 28.1	04 15.92 +12 52.1 20.3	-0.95	- 1.5	3.1/27.1	19638
2006 FM ₄₄	2009 11 28.1	04 15.93 +06 07.0 19.8	-0.79	- 3.6	4.5/25.6	49000
2003 RM ₁₈	2009 11 28.1	04 15.94 +10 53.4 20.0	-0.84	- 3.8	3.2/26.5	47255
2004 KH ₄	2009 11 28.1	04 15.95 +22 41.2 20.8	-1.09	- 2.7	0.5/28.3	18073
2006 GK ₅₄	2009 11 28.1	04 15.97 +37 25.8 21.4	-0.99	- 1.3	4.3/30.4	46462
2002 TQ ₂₈₂	2009 11 28.1	04 15.99 +26 17.0 18.8	-1.13	- 5.2	2.3/29.0	18025
2008 OK ₃	2009 11 28.1	04 15.99 +12 58.8 20.2	-0.92	- 1.9	2.7/27.0	49034
2004 JT ₁₆	2009 11 28.1	04 16.00 +19 44.0 20.9	-1.10	- 3.3	0.6/27.9	41806
2004 RD ₂₄₀	2009 11 28.1	04 16.02 +20 26.1 20.0	-0.98	- 2.9	0.3/28.0	70086
2004 RE ₁₂₁	2009 11 28.1	04 16.06 +25 18.5 20.6	-1.04	- 2.0	1.4/28.7	64224
2005 OF ₈	2009 11 28.1	04 16.08 +20 54.6 17.1	-1.08	-22.0	0.2/28.0	64245
2003 TA ₄₅	2009 11 28.1	04 16.11 +38 19.2 20.7	-1.04	- 1.5	5.2/30.6	52376
2005 UZ ₁₆₆	2009 11 28.1	04 16.15 +19 06.0 20.0	-1.07	- 4.2	0.8/27.8	47356
2006 GG ₄₅	2009 11 28.1	04 16.23 +38 22.5 21.7	-1.00	- 0.7	4.5/30.5	46461
2006 HV ₅₈	2009 11 28.1	04 16.24 +25 41.5 20.4	-0.90	- 1.2	1.3/28.8	43267
2002 PL ₅₇	2009 11 28.1	04 16.24 +30 36.7 19.3	-1.27	- 3.3	4.1/29.5	59681
2007 EE ₄₈	2009 11 28.1	04 16.25 +13 54.8 21.2	-0.94	- 2.8	2.4/27.1	47422
2008 HV ₁₉	2009 11 28.1	04 16.28 -00 01.7 21.0	-0.96	- 5.5	8.0/24.7	41645
2003 BR ₆₂	2009 11 28.1	04 16.29 +15 09.3 18.6	-1.07	+ 2.9	3.1/27.7	64200
2006 BR ₂₉	2009 11 28.1	04 16.29 +24 57.8 19.8	-1.02	- 2.0	1.4/28.7	60858
2006 BT ₅₉	2009 11 28.1	04 16.33 +28 46.6 19.4	-1.01	- 2.6	2.6/29.3	47378
2004 OM ₁₁	2009 11 28.2	04 16.24 +10 15.6 18.4	-1.07	+ 4.4	4.6/27.6	60805
2000 EF ₃	2009 11 28.2	04 16.26 +33 14.0 19.6	-1.25	- 1.8	4.8/29.7	19521
2008 JJ ₃₇	2009 11 28.2	04 16.27 +19 14.0 20.6	-1.19	- 1.1	0.8/28.0	40618
2000 EO ₂₀₃	2009 11 28.2	04 16.28 +05 46.9 21.5	-0.81	- 4.4	4.7/25.5	88711
2003 QH ₅₄	2009 11 28.2	04 16.30 +21 55.1 19.0	-0.97	- 0.4	0.2/28.3	62373

2005 YM ₅₅	2009 11 28.2	04 16.32 -37 28.4 19.1	-0.74	- 4.0	26.6/13.0	02264
2002 OR ₆	2009 11 28.2	04 16.34 +25 01.3 20.7	-0.85	- 3.5	0.9/28.8	55073
2004 EJ ₁₄	2009 11 28.2	04 16.37 +22 17.9 19.6	-1.19	- 1.2	0.4/28.3	16263
2006 HE ₃₆	2009 11 28.2	04 16.38 +34 37.3 19.7	-1.04	- 0.6	4.7/29.9	56043
2005 BD ₂₅	2009 11 28.2	04 16.43 +48 21.0 19.4	-1.15	- 4.0	8.8/03.3	58489
2003 SC ₃₁₀	2009 11 28.2	04 16.46 +18 20.5 19.4	-0.88	- 1.4	1.1/27.9	87593
2004 RT ₁₈₁	2009 11 28.2	04 16.48 +38 08.8 20.7	-1.15	- 2.9	6.0/30.9	47307
2005 VZ ₁₁₉	2009 11 28.2	04 16.48 +35 32.4 19.1	-1.07	- 7.9	5.9/01.1	97975
2005 UB ₄₉₁	2009 11 28.2	04 16.52 +30 17.9 19.6	-1.15	- 2.0	3.5/29.5	18151
2001 RR ₁₃₉	2009 11 28.2	04 16.52 +29 38.4 20.4	-1.18	- 1.4	3.0/29.3	62317
2003 SA ₇₁	2009 11 28.2	04 16.57 +31 05.3 19.9	-0.95	- 4.3	3.4/29.9	42646
2002 QZ ₁₉	2009 11 28.2	04 16.57 +30 21.7 20.0	-0.89	- 3.1	2.5/29.7	47224
2007 GO ₆₄	2009 11 28.2	04 16.63 +21 34.9 20.9	-0.95	- 3.1	0.1/28.3	26274
2008 TV ₁₃₉	2009 11 28.2	04 16.64 +21 49.6 19.8	-0.56	- 1.9	0.1/28.4	64338
2003 SA ₄₉	2009 11 28.2	04 16.64 +34 10.8 19.2	-0.99	- 3.0	4.2/30.3	47257
2004 NO ₈	2009 11 28.2	04 16.66 +11 51.5 20.2	-1.04	+ 1.0	3.9/27.4	39742
2000 HG ₁₇	2009 11 28.2	04 16.67 +17 12.2 22.1	-1.07	- 2.8	1.5/27.7	17912
2007 LB ₁₁	2009 11 28.2	04 16.69 +15 57.5 20.9	-0.90	+ 0.7	1.7/27.7	22593
2003 SW ₃₂₁	2009 11 28.2	04 16.70 +08 27.6 20.1	-0.83	- 3.8	4.4/26.2	48903
2007 JK ₃₁	2009 11 28.2	04 16.70 +19 12.0 20.2	-1.07	- 4.7	0.9/28.0	60525
2003 UK ₁₀₅	2009 11 28.2	04 16.70 +17 37.3 20.1	-0.86	- 2.8	1.2/27.7	62379
2008 SG ₂₆₂	2009 11 28.2	04 16.70 +17 27.2 21.1	-0.58	- 1.4	0.8/27.7	51079
2007 DH ₁₀₁	2009 11 28.2	04 16.71 +19 36.4 19.8	-1.05	- 2.5	0.7/28.1	62508
1998 VV ₄₂	2009 11 28.2	04 16.72 +24 58.3 18.8	-1.16	+ 1.1	1.7/28.7	64147
2007 JX ₉	2009 11 28.2	04 16.77 +35 51.6 19.9	-1.21	- 0.7	6.1/30.0	21366
2004 TC ₁₉₆	2009 11 28.3	04 16.67 +24 05.3 20.2	-0.99	- 2.5	1.0/28.7	64232
2004 TP ₂₅₃	2009 11 28.3	04 16.70 -09 42.8 19.3	-0.83	- 9.1	12.0/20.7	64233
2002 AV ₁₇₅	2009 11 28.3	04 16.71 +22 13.3 20.2	-1.03	- 1.4	0.3/28.4	21774
2002 OU ₁₆	2009 11 28.3	04 16.72 +21 59.6 19.0	-0.85	- 4.3	0.2/28.4	64187
2008 TN ₅₈	2009 11 28.3	04 16.73 +14 33.1 20.6	-0.56	- 1.8	1.3/27.3	50402
2003 SH ₁₃₂	2009 11 28.3	04 16.76 +22 14.1 20.0	-0.91	- 1.8	0.3/28.4	62376
2005 WQ ₃₆	2009 11 28.3	04 16.79 +17 54.8 19.8	-1.07	- 1.0	1.2/27.9	40698
2000 BF ₃₉	2009 11 28.3	04 16.81 +24 51.5 20.7	-1.16	- 3.5	1.5/28.8	22374
2003 FR ₁	2009 11 28.3	04 16.83 -16 38.9 20.4	-0.98	+ 1.7	11.2/24.0	43169
2002 DM ₁₁	2009 11 28.3	04 16.85 +02 54.8 19.5	-0.92	- 3.4	6.2/25.4	45938
2004 XS ₂₀	2009 11 28.3	04 16.85 +20 30.5 18.2	-0.93	- 3.3	0.3/28.2	62414
2007 HQ ₈₄	2009 11 28.3	04 16.85 +09 47.0 20.4	-0.85	- 4.7	3.7/26.4	47432
2004 VM ₉₄	2009 11 28.3	04 16.89 +21 08.3 20.3	-0.93	- 1.2	0.1/28.3	62413
2003 FQ ₇₄	2009 11 28.3	04 16.90 +06 36.5 21.0	-0.93	- 2.2	4.7/26.3	43170
2005 RZ ₄	2009 11 28.3	04 16.90 +16 49.6 20.2	-1.12	- 1.7	1.8/27.8	47351
2004 TY ₁₃₄	2009 11 28.3	04 16.91 +23 10.1 19.8	-1.01	- 1.3	0.6/28.6	62406
2005 RW ₂₉	2009 11 28.3	04 16.91 +24 52.3 19.0	-1.04	- 1.9	1.8/28.8	62430
2007 ED ₁₉₂	2009 11 28.3	04 16.95 +19 15.8 20.8	-0.96	- 3.9	0.6/28.0	59792
2005 SF ₁₀₁	2009 11 28.3	04 16.96 +31 46.2 19.9	-1.22	- 1.7	4.3/29.7	19652
2005 SN ₁₅₁	2009 11 28.3	04 16.99 +18 13.8 20.8	-1.09	- 2.5	1.2/28.0	16310
2006 BH ₈₉	2009 11 28.3	04 17.01 +28 49.6 20.3	-1.03	- 2.6	3.1/29.4	97047
2001 TE ₈₉	2009 11 28.3	04 17.03 +35 07.1 19.0	-1.09	+ 1.8	7.3/29.7	97481
2002 AC ₁₆₀	2009 11 28.3	04 17.04 +10 57.3 18.8	-0.87	- 1.6	5.2/27.0	97552
2005 QN ₇₄	2009 11 28.3	04 17.04 +25 04.6 19.8	-1.17	- 2.6	1.6/28.9	18117
2003 SZ ₃₇₆	2009 11 28.3	04 17.07 +08 27.0 20.4	-0.82	- 2.9	4.0/26.5	57991
2005 VC ₈₇	2009 11 28.3	04 17.07 +19 13.7 21.4	-1.07	- 2.4	0.7/28.1	96406

2009 UD ₉₄	2009 11 28.3	04 17.08 +00 02.1 18.9	-1.14	-18.5	10.9/22.6	64079	2003 SK ₂₂₅	2009 11 28.5	04 17.89 +31 41.7 20.4	-0.97	- 1.1	3.0/30.0	48901
2000 VB ₅₃	2009 11 28.3	04 17.08 +29 02.4 18.8	-1.04	- 2.4	3.1/29.5	64157	2005 NP ₉₇	2009 11 28.5	04 17.90 +10 37.0 20.9	-1.10	- 2.8	4.1/27.2	40136
2002 JY ₃	2009 11 28.3	04 17.14 +28 53.0 19.3	-1.63	+10.8	3.2/28.3	64185	2006 AL ₉₆	2009 11 28.5	04 17.90 +06 17.3 19.3	-0.92	- 0.7	5.5/26.7	20835
2002 CN ₂₆₁	2009 11 28.3	04 17.15 +16 55.4 18.7	-1.01	+ 0.4	2.0/27.9	64181	2007 GT ₄	2009 11 28.5	04 17.90 +25 50.1 21.0	-0.98	- 1.7	1.4/29.2	47426
2006 DX ₁₃₄	2009 11 28.4	04 17.12 +36 56.0 18.8	-0.81	- 0.2	8.9/30.5	55218	2001 TN ₁₈₃	2009 11 28.5	04 17.93 +27 46.2 19.7	-1.14	- 0.2	2.8/29.3	58416
2005 TZ ₁₇	2009 11 28.4	04 17.17 +20 19.7 19.0	-1.05	+ 0.1	0.5/28.3	22797	2007 ET ₄₂	2009 11 28.5	04 17.93 +29 16.9 21.1	-1.11	- 1.5	2.8/29.6	56089
2000 DS ₉₅	2009 11 28.4	04 17.24 -07 51.8 19.6	-0.82	- 0.6	9.5/24.1	20753	2008 QB ₁₀	2009 11 28.5	04 17.94 +00 13.4 21.6	-0.76	- 2.6	5.4/25.4	46612
2002 XA ₇₂	2009 11 28.4	04 17.26 +28 31.6 18.3	-1.13	+ 1.4	3.8/29.1	64198	2003 SX ₁₀₁	2009 11 28.5	04 17.95 +20 57.4 18.9	-0.86	- 5.7	0.1/28.5	64208
2001 RT ₁₂₁	2009 11 28.4	04 17.27 +23 47.5 20.9	-1.15	- 1.8	1.0/28.7	94041	2006 BA ₈₃	2009 11 28.5	04 17.98 +13 35.3 20.0	-0.94	- 2.2	3.1/27.5	03845
2005 VJ ₁₁₀	2009 11 28.4	04 17.28 +20 58.3 20.0	-1.09	- 1.7	0.1/28.4	19668	2004 RV ₁	2009 11 28.5	04 17.99 +17 49.1 20.3	-0.98	- 2.4	1.3/28.1	62396
2002 RA ₄₄	2009 11 28.4	04 17.28 +29 21.6 19.4	-1.32	- 2.2	3.7/29.5	39170	2001 YY ₂₅	2009 11 28.5	04 18.01 +21 54.8 18.7	-1.07	- 1.8	0.2/28.7	64176
2000 HR ₄₉	2009 11 28.4	04 17.28 +28 36.7 20.0	-1.19	+ 0.3	2.5/29.2	90027	2003 UB ₃₃	2009 11 28.5	04 18.03 +28 10.3 20.4	-0.98	+ 0.2	2.2/29.4	47268
2005 XA ₆₃	2009 11 28.4	04 17.29 +23 08.5 19.4	-1.07	- 0.9	0.8/28.7	98027	2005 CB ₅	2009 11 28.6	04 17.99 +38 30.5 20.5	-1.06	- 2.1	5.3/31.0	77809
2005 WJ ₁₃₅	2009 11 28.4	04 17.30 +07 52.3 19.4	-0.98	+ 1.0	4.7/27.0	41834	2003 SJ ₁₆₄	2009 11 28.6	04 18.00 +46 53.8 20.1	-1.29	+ 1.4	7.7/01.8	42649
2005 XJ ₆	2009 11 28.4	04 17.33 +26 52.3 19.2	-1.08	- 3.7	2.1/29.3	16342	2005 TZ ₆₂	2009 11 28.6	04 18.01 +17 53.9 19.4	-1.07	- 2.4	1.5/28.2	62440
2002 TE ₆₃	2009 11 28.4	04 17.37 +15 32.4 19.6	-1.05	- 6.3	2.7/27.5	62357	2007 CK ₂₁	2009 11 28.6	04 18.01 +19 49.4 18.9	-1.08	- 5.3	0.7/28.4	62503
2007 CF ₂₁	2009 11 28.4	04 17.38 +09 29.9 20.6	-1.06	- 1.8	4.7/26.9	55303	2005 MC ₁₃	2009 11 28.6	04 18.07 +15 16.0 21.3	-1.15	- 1.3	2.3/27.9	37376
2004 FG ₈	2009 11 28.4	04 17.42 +23 22.7 20.3	-1.21	- 0.2	1.0/28.7	14101	2001 ST ₁₅₂	2009 11 28.6	04 18.08 +25 01.4 20.3	-1.12	- 3.2	1.3/29.1	64164
2000 DF ₁₁	2009 11 28.4	04 17.43 +62 12.1 20.3	-2.18	- 3.3	20.8/07.8	10726	2006 DP ₁₁₉	2009 11 28.6	04 18.11 +01 27.3 20.0	-0.80	+ 0.3	5.2/26.4	47395
2004 GK ₄₂	2009 11 28.4	04 17.43 +26 30.6 20.9	-1.20	+ 0.1	2.0/29.0	00716	2006 AN ₃₁	2009 11 28.6	04 18.14 +36 48.7 20.0	-1.11	- 5.0	5.3/01.3	96917
2003 BU	2009 11 28.4	04 17.45 +08 20.4 19.0	-1.13	+ 3.2	5.3/27.5	41787	2007 GH ₁₇	2009 11 28.6	04 18.15 +20 25.2 19.7	-0.95	- 4.1	0.3/28.5	62518
2002 PS ₃₆	2009 11 28.4	04 17.45 +04 54.2 19.1	-1.01	- 1.9	8.2/26.3	62350	2002 QV ₂₅	2009 11 28.6	04 18.16 +26 19.5 20.7	-0.90	- 2.1	1.5/29.3	48873
2005 SG ₂₁₁	2009 11 28.4	04 17.46 +22 34.4 19.5	-1.05	- 2.8	0.6/28.6	97837	2005 TU ₁₆	2009 11 28.6	04 18.22 +22 25.1 21.6	-1.13	- 3.0	0.4/28.8	95976
2007 CO ₃₈	2009 11 28.4	04 17.49 +17 46.1 21.1	-1.01	- 2.5	1.1/28.0	19698	2008 SO ₈₅	2009 11 28.6	04 18.23 +36 20.0 21.0	-0.99	- 2.3	4.5/30.9	56134
2002 CS ₂₂₉	2009 11 28.4	04 17.50 +33 45.5 21.2	-1.09	- 2.2	4.1/30.2	45937	2002 WY ₅	2009 11 28.6	04 18.23 +31 39.7 19.7	-1.24	- 3.0	4.5/30.1	14685
2007 EJ ₆₉	2009 11 28.4	04 17.50 +10 06.6 21.0	-1.00	- 3.0	4.4/26.8	41866	2003 UL ₇	2009 11 28.6	04 18.23 +30 48.3 20.2	-1.00	+ 0.5	3.0/29.7	60789
2003 FN ₁₀	2009 11 28.4	04 17.51 +17 52.4 20.5	-0.99	- 2.2	1.2/28.0	22730	2004 RQ ₃₃₇	2009 11 28.6	04 18.26 +25 32.9 20.1	-1.00	- 1.7	1.6/29.2	95454
2000 WS ₃₂	2009 11 28.4	04 17.52 +09 23.3 19.1	-1.03	+ 3.2	4.6/27.5	43114	2008 PQ ₁₉	2009 11 28.6	04 18.30 +31 14.8 20.7	-0.95	- 1.8	3.2/30.0	46603
2004 HO ₃₅	2009 11 28.4	04 17.53 +24 09.6 21.0	-1.11	- 2.3	1.0/28.9	12880	1999 CL ₁₃₇	2009 11 28.6	04 18.31 +21 20.7 20.7	-1.08	- 2.8	0.0/28.7	43096
2001 UB ₁₁	2009 11 28.4	04 17.54 +19 30.7 18.4	-1.16	+ 3.4	0.8/28.4	64167	2007 EM ₁₇₀	2009 11 28.6	04 18.34 +11 33.7 21.2	-1.05	- 2.0	3.7/27.4	41868
2005 SP ₇₉	2009 11 28.4	04 17.54 +18 13.3 19.8	-1.02	- 2.3	1.5/28.1	61936	2003 HY ₂	2009 11 28.6	04 18.34 +38 53.7 20.4	-1.32	+ 2.2	7.0/30.3	19599
2006 DU ₂₈	2009 11 28.4	04 17.56 +33 54.5 21.9	-0.95	- 1.2	3.4/30.2	48993	2005 XF ₈	2009 11 28.6	04 18.34 +05 31.8 19.2	-0.90	- 4.0	7.7/26.3	64278
2003 UA ₄₇	2009 11 28.4	04 17.59 +16 46.0 19.5	-0.90	+ 0.7	1.5/28.0	41800	2008 GO ₁	2009 11 28.6	04 18.35 +46 12.8 18.9	-2.20	+14.4	13.6/27.8	64329
2004 RJ ₁₀₅	2009 11 28.4	04 17.61 +20 01.2 18.6	-0.93	- 6.3	0.5/28.3	59733	2006 EC ₇₃	2009 11 28.6	04 18.38 +21 17.4 20.8	-0.87	- 2.2	0.0/28.7	58527
2002 CT ₁₅₀	2009 11 28.5	04 17.53 +31 48.4 20.3	-1.11	- 2.2	4.0/29.9	97568	2008 QO ₂₄	2009 11 28.6	04 18.39 +34 59.3 20.9	-1.04	- 2.0	4.4/30.6	46623
2004 TL ₂₂₈	2009 11 28.5	04 17.53 +20 53.1 20.2	-0.95	- 3.1	0.2/28.4	00820	2005 YD ₂₃₈	2009 11 28.6	04 18.42 +14 45.3 20.2	-1.02	- 0.3	2.7/27.9	21619
2007 BC ₁₅	2009 11 28.5	04 17.55 +16 58.6 20.9	-1.09	- 1.5	1.6/28.0	40174	2005 QW ₂₆	2009 11 28.6	04 18.43 +21 55.3 21.4	-1.16	- 1.7	0.2/28.8	40137
2005 YN ₉₂	2009 11 28.5	04 17.59 +15 23.2 20.3	-0.94	- 1.7	2.0/27.7	26115	2003 OJ ₃₂	2009 11 28.6	04 18.47 +28 51.2 18.6	-1.35	-14.5	3.4/30.4	64205
2003 QQ ₄₆	2009 11 28.5	04 17.60 -06 49.2 18.6	-0.85	+ 2.1	10.4/26.0	64205	2005 YA ₁₅₇	2009 11 28.7	04 18.38 +06 26.6 19.2	-1.01	+ 1.1	5.6/27.1	22805
2005 UR ₄₄₁	2009 11 28.5	04 17.61 +20 35.2 19.8	-1.10	+ 0.4	0.3/28.4	64270	2002 TH ₁₈₉	2009 11 28.7	04 18.39 +28 57.2 17.9	-1.14	- 5.8	3.8/30.0	62358
2005 SS ₂₆₄	2009 11 28.5	04 17.67 +13 44.6 19.6	-1.01	- 2.8	3.6/27.4	33462	2008 OX ₁₉	2009 11 28.7	04 18.43 +05 25.2 20.4	-0.81	- 1.9	4.9/26.5	46592
1994 JZ ₃	2009 11 28.5	04 17.67 +17 28.9 20.6	-1.09	- 5.2	1.5/27.9	62291	2007 JO	2009 11 28.7	04 18.43 +02 31.3 21.2	-0.78	- 1.5	5.1/26.1	22589
2006 BA ₄₀	2009 11 28.5	04 17.69 +23 39.2 19.6	-0.96	- 2.2	0.8/28.9	64288	2003 UM ₃₉₈	2009 11 28.7	04 18.45 +07 16.0 20.8	-0.87	+ 1.3	4.4/27.2	41802
2004 RG ₂₂₇	2009 11 28.5	04 17.77 +39 43.7 20.3	-1.20	- 0.4	6.0/30.8	47309	2004 TT ₂₄₁	2009 11 28.7	04 18.51 +34 14.9 19.0	-1.04	- 1.9	5.5/30.5	95561
2005 XW ₃₃	2009 11 28.5	04 17.78 +25 46.9 19.1	-1.02	- 6.8	1.5/29.4	59767	2003 SZ ₂₂₂	2009 11 28.7	04 18.52 +05 19.8 19.3	-0.82	- 4.9	5.2/26.1	64209
2004 RV ₃₄₅	2009 11 28.5	04 17.79 +01 08.2 20.0	-0.92	- 0.1	6.7/26.3	59739	2007 JD ₂₇	2009 11 28.7	04 18.52 +12 12.9 20.1	-0.88	- 3.1	3.2/27.4	41874
2008 PB ₁₇	2009 11 28.5	04 17.79 +29 46.1 19.8	-0.98	- 4.1	2.8/29.9	47451	2002 DK ₁₂	2009 11 28.7	04 18.53 +11 22.1 19.8	-0.95	+ 0.6	3.1/27.7	64182
2001 XN ₆₄	2009 11 28.5	04 17.84 +22 56.4 17.9	-1.02	- 4.0	0.7/28.8	64173	2006 YC ₅₀	2009 11 28.7	04 18.55 +18 54.1 19.1	-1.06	- 1.8	1.3/28.4	16378
2007 EG ₈₇	2009 11 28.5	04 17.84 +12 38.9 20.7	-0.93	- 2.6	2.6/27.3	59791	2004 RJ ₁₁₉	2009 11 28.7	04 18.60 +08 49.6 21.8	-0.94	- 2.3	4.3/27.0	43209
2005 WR ₁₆₂	2009 11 28.5	04 17.86 +29 11.4 19.4	-1.04	- 5.8	2.8/29.9	41834	2007 DR ₂₁	2009 11 28.7	04 18.62 +34 21.5 18.8	-1.18	- 1.2	6.5/30.4	22876
2003 GO ₃₄	2009 11 28.5	04 17.87 +13 35.9 20.9	-1.01	- 1.2	2.8/27.6	19598	2007 EY ₃₂	2009 11 28.7	04 18.63 +18 49.0 20.2	-1.06	- 1.6	0.9/28.4	62510

2002 CH ₂₉₉	2009 11 28.7	04 18.65 +40 46.4 19.3	-1.19	- 2.5	7.1/01.7	97576
2002 PV ₁₁₀	2009 11 28.7	04 18.66 +23 05.6 20.8	-0.84	- 3.6	0.5/29.0	47221
2007 EU ₁₃₈	2009 11 28.7	04 18.69 +24 44.1 20.7	-1.09	- 2.3	1.2/29.2	20568
2004 TF ₁₉₈	2009 11 28.7	04 18.69 +20 47.7 20.2	-0.96	- 2.2	0.2/28.7	62408
2002 TP ₃₃₉	2009 11 28.7	04 18.70 +09 24.0 20.6	-1.06	- 2.6	5.7/27.1	18025
2006 DM ₅₁	2009 11 28.7	04 18.72 +17 29.9 20.7	-0.92	- 1.5	1.3/28.3	20493
2004 RA ₁₆₈	2009 11 28.7	04 18.75 +35 24.4 19.8	-1.11	- 2.3	4.7/30.8	40688
2005 CR ₆₁	2009 11 28.7	04 18.77 -30 13.7 19.2	-1.03	+ 5.5	27.6/24.1	63703
2005 YD ₁₄₁	2009 11 28.7	04 18.77 +17 38.4 20.0	-0.98	- 0.7	1.3/28.3	19680
2004 EJ ₃₉	2009 11 28.7	04 18.80 +31 40.2 20.0	-1.27	- 1.7	4.2/30.0	16263
2003 EV ₁₉	2009 11 28.7	04 18.82 +24 51.2 19.5	-1.13	- 3.0	1.5/29.2	41788
2008 FD ₅₈	2009 11 28.7	04 18.83 -17 09.8 19.9	-1.06	- 8.1	18.9/19.8	59132
2005 NY ₇₁	2009 11 28.7	04 18.85 +12 16.9 21.7	-1.12	- 2.5	3.5/27.6	40135
2003 RJ ₅	2009 11 28.7	04 18.88 +24 17.8 20.8	-0.94	- 2.7	0.9/29.2	64206
2001 VV ₈₂	2009 11 28.7	04 18.89 +22 02.6 19.2	-1.13	+ 1.6	0.3/28.9	64170
2006 DT ₈₁	2009 11 28.8	04 18.86 +07 50.8 20.4	-0.82	- 2.5	4.2/26.8	58525
2004 FT ₆₄	2009 11 28.8	04 18.86 +20 13.4 19.6	-1.17	- 2.1	0.5/28.7	64217
2006 CF ₄₀	2009 11 28.8	04 18.90 +33 18.8 20.2	-1.10	- 0.5	4.8/30.2	02285
2007 BW ₄₄	2009 11 28.8	04 18.90 +11 56.1 20.5	-1.10	- 2.7	4.0/27.5	41859
2006 BR ₁₅₀	2009 11 28.8	04 18.92 +15 52.4 20.3	-1.06	+ 1.7	2.4/28.3	41842
2003 BK ₇₄	2009 11 28.8	04 18.98 +12 12.7 19.0	-1.13	+ 1.8	3.9/28.0	59694
2002 XZ ₁₃	2009 11 28.8	04 19.00 +15 10.5 18.6	-1.12	+ 2.1	2.9/28.3	64198
2001 YU ₁₂₃	2009 11 28.8	04 19.00 +25 03.1 18.2	-1.09	+ 4.4	1.9/29.1	60756
2005 XB ₃	2009 11 28.8	04 19.05 +24 08.6 20.0	-1.08	- 1.1	1.0/29.2	62465
2003 UY ₂₇₉	2009 11 28.8	04 19.06 +03 37.4 19.5	-0.78	- 5.9	5.7/25.6	64212
2007 HF ₄₂	2009 11 28.8	04 19.06 +17 41.0 21.3	-1.07	- 2.4	1.5/28.4	20643
1999 RU ₁₈₇	2009 11 28.8	04 19.08 +07 59.2 20.3	-0.89	- 2.4	4.1/27.0	47134
2006 AC ₇	2009 11 28.8	04 19.11 +15 18.0 19.7	-1.08	+ 2.5	2.3/28.3	96887
2005 TG ₁₁₈	2009 11 28.8	04 19.14 +20 54.8 20.6	-1.10	- 3.1	0.2/28.8	58514
2007 CG ₃₃	2009 11 28.8	04 19.16 +15 36.7 21.3	-1.08	- 2.4	2.2/28.1	43272
2004 VA ₈₄	2009 11 28.8	04 19.23 +21 07.6 20.0	-0.95	- 1.2	0.1/28.8	62412
2006 CT ₆₀	2009 11 28.8	04 19.25 +26 59.8 19.6	-1.10	+ 1.8	2.0/29.4	62480
2005 SH ₈₃	2009 11 28.8	04 19.27 +19 12.5 20.2	-1.10	- 3.4	0.9/28.6	18125
2000 RD ₉₈	2009 11 28.8	04 19.28 +19 05.1 19.2	-1.04	- 7.1	0.9/28.5	64155
2003 SU ₂₄	2009 11 28.8	04 19.28 -00 01.4 19.5	-0.82	- 4.6	7.4/25.4	64207
2002 GN ₃₀	2009 11 28.8	04 19.29 +21 59.6 19.2	-1.02	- 0.3	0.2/29.0	94729
2004 RW ₃₄	2009 11 28.9	04 19.24 +33 04.4 19.0	-1.12	+ 0.2	5.2/30.3	69925
2005 QP ₄₂	2009 11 28.9	04 19.31 +17 41.7 19.2	-1.06	- 1.6	1.8/28.5	40137
2008 TZ ₁₁₁	2009 11 28.9	04 19.31 +25 11.8 19.4	-0.59	- 2.1	0.7/29.5	58620
2004 JX ₁₉	2009 11 28.9	04 19.34 +26 24.8 20.6	-1.13	- 4.0	1.7/29.7	41806
2001 XY ₁₄₅	2009 11 28.9	04 19.36 +22 55.8 19.6	-1.01	- 4.6	0.7/29.2	10839
2000 UG ₁₀₁	2009 11 28.9	04 19.37 +28 48.7 18.0	-1.01	- 5.5	3.0/30.2	64157
1995 TL ₇	2009 11 28.9	04 19.42 +36 26.8 19.3	-1.20	+ 3.0	7.1/30.4	59646
2005 UV ₁₉₃	2009 11 28.9	04 19.45 +18 30.1 21.1	-1.08	- 2.6	1.0/28.6	59763
2004 RR ₁₈₇	2009 11 28.9	04 19.47 +30 23.0 18.5	-0.99	- 4.8	3.9/30.5	95403
2006 DG ₉₃	2009 11 28.9	04 19.48 +24 31.2 20.8	-0.91	- 1.9	1.0/29.4	47394
2007 HC ₄₅	2009 11 28.9	04 19.49 +01 33.6 20.9	-0.78	- 1.2	5.1/26.4	47431
2006 BT ₁₅₇	2009 11 28.9	04 19.49 +05 43.8 20.3	-0.84	- 1.4	5.0/26.9	46386
2004 CL ₂₈	2009 11 28.9	04 19.49 +19 29.8 20.8	-1.17	- 2.2	0.8/28.7	40119
2006 AH ₄₉	2009 11 28.9	04 19.53 +24 49.1 20.2	-1.04	- 1.9	1.3/29.4	20834
2002 TM ₆₂	2009 11 28.9	04 19.54 +32 39.2 18.6	-1.28	- 2.7	5.2/30.6	64193

2005 SE ₉₃	2009 11 28.9	04 19.61 +23 26.5 19.6	-1.10	- 2.4	0.9/29.2	62434
2005 YX ₉₀	2009 11 28.9	04 19.66 +26 29.1 20.6	-1.00	- 4.1	1.9/29.8	98048
2008 OV ₉	2009 11 28.9	04 19.67 +36 04.2 20.7	-1.12	- 4.3	4.5/01.4	43304
2001 SZ ₄₆	2009 11 28.9	04 19.68 +17 40.9 19.3	-1.03	- 0.9	1.8/28.5	17948
2005 QM ₁₈₁	2009 11 28.9	04 19.69 +13 45.6 19.3	-1.02	- 3.0	3.5/27.9	60833
2004 XB ₃₁	2009 11 28.9	04 19.70 +23 21.0 19.2	-0.91	- 6.2	0.6/29.3	00870
2002 NJ ₄₄	2009 11 28.9	04 19.73 +15 38.0 20.5	-1.19	- 2.4	2.7/28.3	75400
2004 FF ₁₉	2009 11 29.0	04 19.74 +21 08.5 19.9	-1.13	- 4.0	0.1/29.0	40121
2005 SB ₂₅₃	2009 11 29.0	04 19.77 +23 30.1 19.8	-1.21	0.0	0.9/29.2	40144
2005 SK ₁₆₉	2009 11 29.0	04 19.79 +33 58.1 20.0	-1.20	- 2.3	5.6/30.8	58511
2002 TT ₁₉₃	2009 11 29.0	04 19.85 +26 02.2 20.0	-1.24	- 1.3	1.9/29.6	56891
2007 GE ₆₂	2009 11 29.0	04 19.85 +29 43.0 22.1	-1.20	- 1.4	3.3/30.0	19499
2006 BE ₁₄₉	2009 11 29.0	04 19.85 +28 33.5 19.0	-1.16	+ 3.5	3.0/29.5	62478
2005 SB ₇₇	2009 11 29.0	04 19.94 +15 24.3 19.9	-0.96	- 2.8	3.0/28.2	24035
2001 KH ₄₇	2009 11 29.0	04 19.96 +26 32.0 19.4	-1.21	- 1.1	1.9/29.6	64160
2002 PY ₁₂₇	2009 11 29.0	04 19.98 +29 54.8 20.5	-1.30	- 2.2	3.3/30.1	39169
2005 SA ₁₂₉	2009 11 29.0	04 20.01 +24 16.9 18.8	-1.10	- 0.9	1.3/29.4	62435
2006 AT ₇	2009 11 29.0	04 20.03 +45 54.5 18.7	-1.63	+ 8.7	10.0/29.3	64286
2003 HG ₅	2009 11 29.0	04 20.04 +20 41.4 20.7	-1.01	- 1.2	0.2/29.0	59698
2006 BS ₂₀₀	2009 11 29.0	04 20.08 +27 31.6 20.7	-1.02	- 2.3	2.3/29.9	97115
2006 KL ₉₉	2009 11 29.0	04 20.09 -00 05.7 20.5	-0.81	- 0.6	5.7/26.1	04377
2003 GC ₁₃	2009 11 29.0	04 20.09 +05 36.8 19.6	-0.90	- 7.2	4.7/26.2	47247
2003 WE ₇	2009 11 29.0	04 20.09 +09 22.1 18.5	-1.10	+ 6.2	4.2/28.7	63671
2005 YG ₁₈₆	2009 11 29.0	04 20.11 +24 00.5 18.8	-0.98	- 8.0	1.0/29.6	40699
2004 RE ₁₃₃	2009 11 29.0	04 20.11 +30 44.9 21.4	-1.10	- 1.8	3.1/30.3	19145
2004 GW ₃₈	2009 11 29.0	04 20.11 +26 04.6 20.4	-1.14	- 1.4	1.6/29.6	60802
2001 SV ₃₀₈	2009 11 29.0	04 20.13 +31 09.7 20.3	-1.18	- 2.5	3.6/30.4	59667
2006 BR ₁₅₄	2009 11 29.0	04 20.14 +16 32.8 20.7	-0.92	- 1.4	1.6/28.5	57040
2006 BB ₁₄₈	2009 11 29.0	04 20.16 +32 37.4 19.1	-1.05	- 1.7	5.0/30.6	97086
2005 YR ₂₂₃	2009 11 29.0	04 20.18 +14 14.0 20.2	-0.96	0.0	2.2/28.3	59769
2005 WF ₁₆₆	2009 11 29.0	04 20.20 +01 17.4 18.7	-1.24	+11.1	8.8/29.6	63773
2004 XS ₃₄	2009 11 29.1	04 20.10 +15 17.6 20.3	-0.88	+ 0.4	1.8/28.4	22782
2007 EJ ₁₄₈	2009 11 29.1	04 20.19 +05 51.5 21.6	-0.83	- 1.8	4.3/27.1	58565
2005 UW ₃₁₉	2009 11 29.1	04 20.22 +21 03.1 19.2	-1.04	- 4.9	0.2/29.1	62452
2000 YG ₅₇	2009 11 29.1	04 20.25 -00 19.5 19.5	-0.97	+ 0.1	8.2/26.9	19525
2001 UO ₈₀	2009 11 29.1	04 20.26 +22 35.8 19.7	-1.11	- 1.5	0.5/29.3	62324
2007 RO ₁₆₈	2009 11 29.1	04 20.28 +23 19.3 19.7	-0.60	- 0.9	0.4/29.4	49027
2008 SG ₈₉	2009 11 29.1	04 20.31 -02 24.9 19.9	-0.77	- 3.3	7.8/25.2	46785
2005 QC ₅₀	2009 11 29.1	04 20.33 +15 34.1 18.9	-1.12	+ 0.3	2.5/28.6	40137
2008 QV ₁₂	2009 11 29.1	04 20.34 +22 33.2 21.0	-0.89	- 2.2	0.3/29.3	58609
2006 BZ ₄₃	2009 11 29.1	04 20.35 -11 26.0 22.2	-0.76	- 1.3	7.3/23.9	02273
2002 GS ₇₀	2009 11 29.1	04 20.36 +04 18.9 20.2	-0.84	- 4.3	5.2/26.3	47212
2008 SQ ₂₁₉	2009 11 29.1	04 20.38 -06 30.0 20.8	-0.75	- 4.0	7.0/24.3	46884
2004 RO ₇	2009 11 29.1	04 20.42 -00 42.0 20.2	-0.96	+ 0.4	8.1/27.1	59730
2002 GW ₁₁₆	2009 11 29.1	04 20.44 +33 53.4 19.4	-1.15	+ 1.9	4.0/30.4	47213
2007 GD ₂₂	2009 11 29.1	04 20.45 +20 38.3 20.7	-0.97	- 1.7	0.3/29.1	64318
2007 GP ₁₂	2009 11 29.1	04 20.45 +09 51.3 19.6	-0.99	- 1.4	5.2/27.7	60524
2007 ED ₃₇	2009 11 29.1	04 20.45 +18 51.0 20.5	-1.08	- 3.4	1.1/28.8	20552
2008 SM ₂₁	2009 11 29.1	04 20.46 +04 49.2 19.6	-0.80	- 3.5	5.7/26.5	46724
2002 PQ ₁₅₄	2009 11 29.1	04 20.46 +02 29.9 21.0	-0.79	- 0.3	4.7/26.9	60766
2007 EU ₆₇	2009 11 29.1	04 20.46 +13 23.0 20.6	-0.94	- 2.1	2.7/28.1	60521

2000 BX ₁₉	2009 11 29.1	04 20.49 +18 24.1	20.7	-0.88	- 2.1	1.0/28.8	47142	2002 PG ₆₅	2009 11 29.3	04 21.29 +31 03.3	20.1	-1.36	- 2.5	4.0/30.6	39169
2003 UV ₁₅₀	2009 11 29.1	04 20.50 +11 40.1	19.7	-0.82	- 3.4	3.0/27.7	59714	2006 DS ₂₈	2009 11 29.3	04 21.30 +21 45.3	20.8	-0.87	- 1.6	0.1/29.4	47391
2008 SA ₁₉₂	2009 11 29.1	04 20.51 +17 22.9	19.6	-0.57	- 1.0	0.8/28.6	50318	2004 VP ₄	2009 11 29.3	04 21.32 +34 50.2	19.0	-1.11	- 3.2	5.4/01.5	64235
2008 ML	2009 11 29.1	04 20.55 +29 55.8	18.4	-1.20	+ 0.6	3.0/30.1	64335	2004 QG ₂₅	2009 11 29.3	04 21.33 +35 35.2	18.7	-1.05	- 7.8	5.9/02.2	97726
2007 DX ₁₄	2009 11 29.1	04 20.55 +28 35.0	20.3	-1.19	- 0.6	3.4/30.0	55305	2006 AJ ₆₉	2009 11 29.3	04 21.33 +02 25.8	19.5	-0.98	+ 2.4	7.4/27.9	96946
2007 BH ₂₀	2009 11 29.1	04 20.57 +29 23.5	21.0	-1.28	- 2.3	3.0/30.1	19695	2005 SF ₄₆	2009 11 29.3	04 21.35 +14 28.7	19.3	-1.02	- 5.2	3.0/28.3	62432
2004 RP ₁₇₂	2009 11 29.1	04 20.59 +18 58.3	20.0	-0.98	- 4.1	0.8/28.8	64225	2004 XM ₅₈	2009 11 29.3	04 21.36 +36 10.9	20.1	-1.01	- 3.2	4.9/01.7	47331
2007 GF ₆₈	2009 11 29.2	04 20.61 +14 52.3	20.0	-0.95	- 2.0	2.3/28.4	47429	2007 GH	2009 11 29.3	04 21.41 +07 42.5	20.4	-0.91	- 5.3	4.6/27.1	41870
2003 UP ₂₁	2009 11 29.2	04 20.62 +39 18.4	19.8	-1.07	- 5.4	5.6/03.0	48905	2005 WG ₁₆	2009 11 29.3	04 21.42 +22 08.5	19.1	-1.02	- 9.2	0.3/29.5	02260
2008 QM ₂₂	2009 11 29.2	04 20.65 +33 08.1	19.7	-0.95	- 4.5	3.6/01.2	43004	2005 YX ₂₆₀	2009 11 29.3	04 21.43 +12 36.9	20.8	-0.94	- 1.7	3.3/28.2	56038
2008 OX ₁₀	2009 11 29.2	04 20.67 +23 17.0	19.0	-0.93	- 5.0	0.6/29.5	64335	2001 OZ ₃₅	2009 11 29.3	04 21.43 +34 47.0	20.2	-1.28	- 3.0	5.0/01.3	39149
2005 MU ₅₃	2009 11 29.2	04 20.68 +19 58.9	21.3	-1.15	- 2.4	0.6/29.0	56998	2002 NU ₅₈	2009 11 29.3	04 21.43 +05 52.4	20.6	-0.79	- 2.3	4.5/27.2	47218
2007 HK ₅₅	2009 11 29.2	04 20.70 +13 21.4	20.8	-0.82	- 1.5	2.2/28.2	58893	2002 LS ₂₃	2009 11 29.3	04 21.43 +35 49.3	20.0	-0.96	- 4.5	3.9/01.9	55072
2007 DT ₉₈	2009 11 29.2	04 20.72 +31 12.1	20.9	-1.27	- 1.8	4.4/30.4	19708	2001 XL ₂₂₆	2009 11 29.3	04 21.45 +25 07.0	19.1	-1.08	- 3.4	1.3/29.9	62334
2004 PL ₇₂	2009 11 29.2	04 20.72 +18 31.0	20.2	-1.02	- 1.9	1.0/28.9	16277	2007 CN ₃₅	2009 11 29.3	04 21.46 +25 07.2	21.6	-1.15	- 2.8	1.4/29.9	19343
2005 SN ₂₃₉	2009 11 29.2	04 20.76 +23 03.5	19.7	-1.13	- 1.3	0.7/29.4	21838	1996 XG ₃₀	2009 11 29.3	04 21.46 +20 42.8	19.9	-1.02	- 1.1	0.3/29.3	20725
2005 UO ₂₇₀	2009 11 29.2	04 20.80 +21 02.7	20.8	-1.11	- 1.7	0.2/29.2	19664	2002 QE ₈₉	2009 11 29.3	04 21.46 -01 18.3	21.7	-0.76	- 1.8	5.8/26.1	02120
2003 AS ₅₃	2009 11 29.2	04 20.81 +17 31.1	19.2	-1.13	+ 1.0	1.7/28.9	19588	2002 CS ₁₁₈	2009 11 29.3	04 21.51 +17 04.6	18.3	-1.36	+ 6.7	1.7/29.2	64180
2002 GK ₁₃₄	2009 11 29.2	04 20.86 +25 58.6	19.7	-1.00	- 2.1	1.6/29.9	62347	2007 JG ₃₆	2009 11 29.4	04 21.39 +12 09.3	21.0	-0.89	- 2.1	2.9/28.1	58567
2001 XU ₁₂₉	2009 11 29.2	04 20.88 +20 05.2	19.1	-1.08	+ 1.4	0.6/29.1	94360	2003 AK ₃₈	2009 11 29.4	04 21.40 +19 00.7	19.0	-1.03	- 5.3	1.2/29.0	62365
2005 SA ₇₂	2009 11 29.2	04 20.89 +28 24.7	18.6	-1.04	- 1.3	3.6/30.2	19652	2005 YS ₈₂	2009 11 29.4	04 21.43 +26 13.8	20.1	-1.00	- 3.9	1.7/30.1	41232
2004 FX ₃₆	2009 11 29.2	04 20.90 +30 33.5	20.3	-1.23	+ 0.2	3.1/30.2	97702	2001 QH ₂₀₈	2009 11 29.4	04 21.45 +22 22.6	20.1	-1.14	- 1.5	0.4/29.5	62316
2007 JJ ₁₀	2009 11 29.2	04 20.93 +16 41.7	17.8	-0.96	- 9.0	2.0/28.3	64322	2004 TA ₁₅₁	2009 11 29.4	04 21.49 +25 22.2	20.1	-1.00	- 2.1	1.5/29.9	20807
2000 TR ₁₂	2009 11 29.2	04 20.93 +11 01.7	19.4	-0.99	+ 0.6	4.4/28.3	97406	2004 TF ₂₀₇	2009 11 29.4	04 21.51 +21 06.0	19.8	-0.95	- 1.2	0.1/29.4	62408
2005 UV ₃₁₁	2009 11 29.2	04 20.99 +19 04.3	20.9	-1.08	- 2.1	0.9/29.0	20822	2004 NO ₂₄	2009 11 29.4	04 21.52 +40 59.7	19.7	-1.24	- 4.8	6.9/03.0	70370
2003 FP ₉₈	2009 11 29.2	04 20.99 +18 30.6	19.9	-1.09	- 1.4	1.2/28.9	59697	2008 RJ ₁₇	2009 11 29.4	04 21.55 +38 11.0	21.7	-1.02	- 1.7	4.5/01.8	55498
2007 HM ₂₃	2009 11 29.2	04 21.00 +23 20.0	19.7	-1.00	- 0.6	0.6/29.5	62520	2002 TS ₃₇₅	2009 11 29.4	04 21.60 +13 41.4	19.5	-1.08	- 4.9	3.4/28.3	64195
2001 FC ₇₄	2009 11 29.2	04 21.00 +21 35.8	20.4	-0.91	- 1.1	0.0/29.3	58407	2005 QE ₁₇₅	2009 11 29.4	04 21.62 +14 29.7	21.0	-1.09	- 3.4	2.8/28.5	40139
2006 DR ₁₄₃	2009 11 29.2	04 21.02 +23 19.9	18.8	-0.95	- 1.7	0.7/29.5	58526	2005 ED ₃₀	2009 11 29.4	04 21.64 +14 13.8	20.1	-0.83	- 2.3	2.4/28.4	43230
2005 WF ₉₅	2009 11 29.2	04 21.07 +15 22.6	20.0	-1.17	+ 2.8	2.3/28.9	40156	2004 HE ₁₈	2009 11 29.4	04 21.64 +16 18.5	19.1	-1.06	- 4.8	2.2/28.7	62391
2003 QV ₇₅	2009 11 29.3	04 20.95 -05 19.7	19.9	-0.81	- 3.1	9.5/25.4	53758	2004 PC ₈₀	2009 11 29.4	04 21.64 -04 13.3	21.2	-0.90	- 2.2	8.5/26.1	21814
2002 PQ ₃	2009 11 29.3	04 20.97 +21 01.0	20.8	-0.84	- 2.9	0.1/29.2	47219	2004 NL ₉	2009 11 29.4	04 21.66 +12 16.8	19.9	-1.01	- 0.5	3.6/28.5	18075
2005 ML ₁₇	2009 11 29.3	04 21.02 +27 30.3	19.1	-1.11	- 4.9	3.0/30.3	18112	2007 EP ₄₁	2009 11 29.4	04 21.66 +19 33.7	19.7	-1.05	- 3.2	1.0/29.2	21877
2005 WA ₁₁₄	2009 11 29.3	04 21.05 +20 15.9	19.9	-1.03	- 2.7	0.6/29.2	20826	2008 HD ₄₇	2009 11 29.4	04 21.70 +12 05.9	20.6	-1.03	+ 0.6	3.1/28.6	58607
2005 QE ₁₁₇	2009 11 29.3	04 21.08 +18 15.9	20.5	-1.11	- 2.2	1.4/28.9	97799	2004 RC ₂₃	2009 11 29.4	04 21.71 +25 07.0	19.8	-1.04	- 1.8	1.3/29.9	64223
2002 GD ₁₁₈	2009 11 29.3	04 21.10 +12 44.8	19.3	-0.57	- 0.5	1.7/28.2	64185	2004 TS ₁₆₈	2009 11 29.4	04 21.72 +26 09.7	18.9	-1.05	+ 0.1	1.7/30.0	64232
2008 CQ ₁₉₀	2009 11 29.3	04 21.11 -21 39.0	19.8	-1.00	- 8.8	22.7/16.1	37710	2007 GW ₃₄	2009 11 29.4	04 21.75 +11 20.4	21.7	-0.90	- 2.8	3.0/28.0	46531
2002 XV ₇₂	2009 11 29.3	04 21.12 +24 13.7	18.4	-1.20	+ 1.4	1.3/29.6	64198	2002 OY ₂₇	2009 11 29.4	04 21.78 +07 41.9	20.1	-0.81	- 1.0	4.1/27.7	43157
2005 SH ₅	2009 11 29.3	04 21.16 +23 59.3	19.2	-1.11	- 3.3	1.1/29.7	41826	2007 BQ ₄₆	2009 11 29.4	04 21.82 +13 00.2	19.8	-1.09	- 0.6	3.5/28.5	40174
2008 RZ ₉	2009 11 29.3	04 21.16 +34 33.9	21.9	-0.96	- 1.7	3.4/01.1	50161	2005 QF ₁₃₁	2009 11 29.4	04 21.83 +21 39.2	18.6	-1.11	0.0	0.1/29.5	16301
2007 JU ₂₅	2009 11 29.3	04 21.17 +13 29.6	20.2	-0.86	- 1.6	2.6/28.3	47434	2000 QP ₂₂₃	2009 11 29.4	04 21.85 +15 07.0	19.9	-1.02	- 1.0	2.5/28.8	17917
2003 BE ₇₇	2009 11 29.3	04 21.18 +30 44.1	20.6	-1.19	- 2.8	4.0/30.6	18040	2009 RB	2009 11 29.5	04 21.85 +28 06.5	18.1	-1.26	+ 3.3	2.7/30.0	63922
2000 SO ₆₃	2009 11 29.3	04 21.18 +13 00.8	19.0	-0.96	- 2.0	3.5/28.3	64155	2006 AG ₃₉	2009 11 29.5	04 21.87 +35 07.9	20.3	-1.07	- 4.5	4.6/01.8	58523
2004 RB ₄₈	2009 11 29.3	04 21.18 +14 44.5	20.2	-0.96	- 2.3	2.3/28.5	47303	2003 LJ ₃	2009 11 29.5	04 21.88 +21 20.6	20.8	-0.99	- 2.1	0.1/29.5	57383
2005 SX ₁₄	2009 11 29.3	04 21.19 +27 03.2	21.5	-1.18	- 2.7	2.1/30.1	58509	2005 YJ ₁₉₁	2009 11 29.5	04 21.88 +21 03.8	20.5	-0.96	- 1.5	0.2/29.5	64284
2008 GY ₁₃₄	2009 11 29.3	04 21.20 +14 24.9	21.7	-1.10	- 2.5	2.6/28.5	41636	2004 RD ₂₅₆	2009 11 29.5	04 21.88 +54 31.0	20.0	-1.57	+ 0.2	11.6/04.0	43211
2007 JP ₄₃	2009 11 29.3	04 21.22 -05 01.3	21.2	-0.80	- 1.1	7.3/25.8	60525	2004 QJ ₁₄	2009 11 29.5	04 21.89 +47 28.1	19.4	-1.30	- 7.4	9.5/04.9	40127
2005 TB ₃₉	2009 11 29.3	04 21.22 +25 00.0	19.2	-1.03	- 4.8	1.7/29.9	97851	2003 UZ ₆₇	2009 11 29.5	04 22.00 +04 18.5	20.5	-0.80	- 2.1	5.2/27.2	54108
2005 RD ₂	2009 11 29.3	04 21.24 +10 04.9	19.9	-1.07	-10.2	4.1/27.1	64251	2003 SD ₂₂₈	2009 11 29.5	04 22.01 +54 30.3	19.5	-1.56	+ 3.3	10.1/03.0	60788
2005 UE ₃₀₉	2009 11 29.3	04 21.24 +18 20.4	19.1	-1.02	- 0.4	1.5/29.0	01069	1995 FG ₄	2009 11 29.5	04 22.03 -00 07.7	20.7	-0.79	- 2.1	6.2/26.4	47126
2008 SN ₂₇₉	2009 11 29.3	04 21.25 +26 45.4	20.7	-0.61	- 1.2	1.0/30.1	58928	2005 TW ₁₈₁	2009 11 29.5	04 22.06 +20 01.1	19.6	-1.08	- 6.1	0.6/29.3	64260

2003 QV ₁₁₁	2009 11 29.5	04 22.08 +46 55.4 20.3	-1.31	- 1.1	8.1/03.6	57932
2002 CD ₈₄	2009 11 29.5	04 22.08 +08 33.5 19.1	-0.94	- 1.7	6.0/27.8	62340
2005 MM ₂₁	2009 11 29.5	04 22.10 +22 38.0 18.3	-1.06	- 3.5	0.6/29.7	62421
2007 JZ ₂₁	2009 11 29.5	04 22.10 +07 02.5 22.3	-0.76	- 3.7	3.4/27.3	21367
2005 SW ₄₉	2009 11 29.5	04 22.12 +14 33.4 21.1	-1.05	- 3.9	2.6/28.6	04344
2006 BS ₆₅	2009 11 29.5	04 22.15 +21 44.3 19.1	-0.99	- 1.1	0.1/29.6	62477
2003 BR ₆₅	2009 11 29.5	04 22.15 +25 37.4 20.8	-1.10	- 3.6	1.5/30.1	19591
2004 EX ₇₇	2009 11 29.5	04 22.15 +22 53.3 19.3	-1.14	- 3.8	0.7/29.8	62387
2003 TB ₃₉	2009 11 29.5	04 22.16 +21 21.1 21.1	-0.85	- 3.3	0.0/29.5	47267
2003 SM ₁₇₆	2009 11 29.5	04 22.18 +40 16.1 20.5	-1.14	- 0.7	6.0/02.1	58455
2004 XE ₁₅₇	2009 11 29.5	04 22.19 +18 23.8 19.4	-0.96	+ 1.6	1.0/29.3	56962
2005 SS ₁₄₄	2009 11 29.5	04 22.22 +29 23.4 20.1	-1.23	0.0	3.3/30.4	21835
2005 PF ₄	2009 11 29.5	04 22.22 +04 02.4 21.0	-1.09	- 0.6	7.2/27.9	87716
2004 RK ₁₂₄	2009 11 29.5	04 22.28 +18 11.5 20.1	-0.94	- 3.5	1.4/29.1	95375
2003 SB ₁₈₈	2009 11 29.5	04 22.30 +13 12.0 19.0	-0.84	- 6.1	2.6/28.1	62376
2002 DD ₁₇	2009 11 29.5	04 22.32 +15 01.1 19.4	-1.04	+ 1.4	2.3/29.0	62343
2007 DH ₃	2009 11 29.5	04 22.34 +59 01.5 21.4	-1.88	- 1.1	12.8/04.6	49016
2001 SM ₃₁	2009 11 29.5	04 22.35 +25 23.3 18.3	-1.08	+ 0.2	1.9/30.0	64163
2007 EU ₃₅	2009 11 29.6	04 22.28 +22 17.5 20.0	-1.05	- 2.4	0.3/29.7	64311
2005 UX ₁₂	2009 11 29.6	04 22.30 +19 40.1 20.8	-1.07	- 4.2	0.7/29.3	96072
2003 WG ₁₀₇	2009 11 29.6	04 22.30 +09 04.8 19.1	-0.91	+ 2.4	4.2/28.6	43194
2004 XW ₇₈	2009 11 29.6	04 22.31 +19 53.3 18.6	-0.90	- 3.0	0.6/29.4	62415
2005 UE ₃₄₃	2009 11 29.6	04 22.33 +19 12.9 18.3	-1.09	+ 5.2	1.2/29.5	97940
2007 EL ₁₉₉	2009 11 29.6	04 22.37 +25 43.2 18.6	-1.45	+ 7.0	1.7/29.7	64316
2005 SU ₂₅₆	2009 11 29.6	04 22.38 +32 00.2 21.0	-1.25	- 2.1	3.9/31.0	95955
2005 CQ ₁₂	2009 11 29.6	04 22.40 +21 45.8 20.2	-0.87	- 3.0	0.1/29.7	47340
2008 HW ₂₁	2009 11 29.6	04 22.40 +18 06.3 21.1	-1.12	- 3.8	1.3/29.2	40015
2004 FO ₁₁₅	2009 11 29.6	04 22.42 +18 59.7 20.8	-1.11	- 1.2	0.9/29.3	43199
2001 YC ₁₆₀	2009 11 29.6	04 22.44 +55 28.0 19.6	-1.89	- 5.9	16.0/06.9	10848
2009 UX ₉₂	2009 11 29.6	04 22.44 +18 43.4 18.3	-0.92	-11.5	1.0/29.0	64078
2007 GX ₄₀	2009 11 29.6	04 22.44 +17 01.6 20.3	-0.96	- 3.6	1.6/29.0	62518
2001 SL ₁₇₁	2009 11 29.6	04 22.45 +17 19.9 20.0	-1.06	- 2.8	1.8/29.1	40670
2006 AM ₇₀	2009 11 29.6	04 22.47 +24 41.0 19.5	-0.98	- 3.1	1.1/30.1	48986
2001 SB ₂₂₉	2009 11 29.6	04 22.54 +16 18.7 20.2	-1.08	- 2.0	2.1/29.0	47176
2006 DG ₁₁₂	2009 11 29.6	04 22.58 +08 37.8 19.9	-0.83	- 2.9	4.3/27.8	41846
2007 EL ₁₃₁	2009 11 29.6	04 22.60 +19 15.4 21.9	-1.00	- 2.5	0.8/29.4	43276
2000 GH ₃₂	2009 11 29.6	04 22.61 +29 50.2 20.2	-1.19	- 0.9	3.1/30.6	41755
2004 TD ₉₄	2009 11 29.6	04 22.64 +15 50.2 19.7	-0.92	- 3.7	2.1/28.8	62405
2005 AY ₅₁	2009 11 29.6	04 22.64 +10 19.7 20.5	-0.86	+ 0.3	3.5/28.4	02239
2005 QQ ₉₇	2009 11 29.6	04 22.64 +16 57.2 19.4	-1.12	- 0.8	2.0/29.2	60831
2005 SC ₁₁₄	2009 11 29.6	04 22.71 +13 58.8 20.6	-1.06	- 3.7	2.8/28.6	62434
2007 LS ₁₁	2009 11 29.6	04 22.74 +16 17.2 20.2	-0.93	- 2.9	1.9/29.0	21252
2004 TF ₁₉₅	2009 11 29.7	04 22.69 +18 20.1 19.8	-0.93	- 4.1	1.2/29.2	62407
2000 SF ₃₆₅	2009 11 29.7	04 22.69 +20 07.5 18.7	-1.02	- 0.2	0.6/29.5	64156
2002 XU ₄₂	2009 11 29.7	04 22.74 +23 35.4 19.5	-1.12	- 5.4	0.8/30.0	40111
2006 KD ₁₈	2009 11 29.7	04 22.79 +00 35.9 20.4	-0.80	- 3.7	6.7/26.2	47412
2005 TP ₁₉₃	2009 11 29.7	04 22.81 +09 31.0 19.9	-1.03	- 0.7	4.9/28.4	31424
1998 QK ₄₉	2009 11 29.7	04 22.85 +38 50.1 19.5	-1.39	- 2.9	7.0/03.0	39134
2002 CP ₁₈₉	2009 11 29.7	04 22.89 +23 35.3 19.3	-1.05	- 0.8	0.8/30.0	62341
2008 LU ₁₆	2009 11 29.7	04 22.91 +15 10.7 21.3	-1.01	- 0.5	2.1/29.1	58608
2007 JK ₂₇	2009 11 29.7	04 22.92 +17 19.9 19.2	-0.97	+ 3.1	1.4/29.4	59794

2006 CR ₆₂	2009 11 29.7	04 22.94 +21 39.9 19.9	-0.97	- 1.0	0.0/29.8	62480
2006 CQ ₆₅	2009 11 29.7	04 22.98 +13 57.1 20.5	-0.82	- 2.2	2.3/28.7	47389
2003 SD ₂₀₉	2009 11 29.7	04 22.98 +27 21.6 19.4	-0.96	- 3.6	2.0/30.6	47261
2006 FF ₁₅	2009 11 29.7	04 23.03 +25 43.6 19.1	-0.98	+ 0.6	1.3/30.2	62483
2007 DY ₂	2009 11 29.7	04 23.05 +14 04.6 19.8	-1.14	- 0.4	3.2/29.0	60518
2005 SS ₂₂₉	2009 11 29.7	04 23.07 +09 37.9 19.0	-0.92	- 3.3	5.9/28.0	64257
2007 FP ₄₅	2009 11 29.7	04 23.10 +21 54.7 20.1	-1.10	- 2.9	0.2/29.8	37615
2005 YH ₅₉	2009 11 29.7	04 23.11 +25 20.0 19.8	-1.02	- 8.6	1.5/30.5	40411
2004 TV ₂₈₅	2009 11 29.7	04 23.11 +26 30.2 20.3	-1.00	- 4.0	1.6/30.5	41167
2002 CG ₁₀₉	2009 11 29.7	04 23.12 +35 59.5 20.0	-1.15	- 2.2	5.7/01.7	00162
2005 WQ ₁₇₆	2009 11 29.7	04 23.12 +31 45.0 19.1	-1.09	- 6.6	3.9/01.6	62464
2005 YP ₁₆₂	2009 11 29.7	04 23.15 +17 48.3 20.1	-0.98	- 2.2	1.5/29.3	62471
2003 SZ ₁₁₆	2009 11 29.7	04 23.16 +22 53.2 18.8	-0.89	- 6.4	0.5/30.0	41121
2002 XC ₂₃	2009 11 29.7	04 23.17 +32 04.6 18.7	-1.28	- 1.7	4.6/01.1	64198
2002 CR ₂₄₁	2009 11 29.7	04 23.17 +38 44.7 19.6	-1.20	- 3.2	6.5/02.2	47204
2006 BV ₉₂	2009 11 29.7	04 23.18 +22 52.7 20.0	-0.95	- 2.4	0.5/30.0	48988
2005 SB ₂₃	2009 11 29.7	04 23.22 +22 43.7 20.7	-1.18	- 1.5	0.5/29.9	38057
2006 DR ₁₈₇	2009 11 29.8	04 23.12 +26 26.8 21.2	-0.87	- 1.3	1.3/30.4	46430
2003 SE ₁₅₇	2009 11 29.8	04 23.17 +09 18.1 19.1	-0.82	- 3.6	4.2/27.9	64208
2005 TK ₁₉₁	2009 11 29.8	04 23.19 +19 19.8 21.4	-1.07	- 3.0	0.9/29.5	09401
2007 JA ₃	2009 11 29.8	04 23.19 +22 14.3 21.0	-1.06	- 0.4	0.2/29.9	20667
2005 TO ₁₂₁	2009 11 29.8	04 23.20 +20 30.9 20.7	-1.12	- 3.2	0.4/29.7	40146
2005 QL ₂₅	2009 11 29.8	04 23.20 +11 18.4 20.3	-1.07	- 1.9	4.0/28.6	38884
2002 CC ₂₃₂	2009 11 29.8	04 23.23 +53 52.4 20.2	-1.84	- 6.9	14.5/06.4	10861
2005 YV ₂₃₀	2009 11 29.8	04 23.26 +26 43.4 19.7	-1.00	- 3.2	1.9/30.6	58523
2005 RB ₁₄	2009 11 29.8	04 23.28 +10 20.3 20.8	-1.04	- 2.8	5.0/28.4	97804
2008 GL ₇₀	2009 11 29.8	04 23.29 +12 50.8 22.3	-1.09	- 1.3	3.0/28.9	41609
2007 GA ₄₁	2009 11 29.8	04 23.33 +32 43.7 20.0	-1.17	+ 1.6	4.0/30.9	20867
2002 NO ₁₅	2009 11 29.8	04 23.34 +25 38.9 20.8	-1.27	- 1.8	1.6/30.3	39168
2003 SX ₉₉	2009 11 29.8	04 23.36 +18 02.6 20.6	-0.91	- 2.3	1.2/29.4	19605
2002 TP ₄₆	2009 11 29.8	04 23.39 +10 28.0 18.8	-1.02	- 5.2	5.3/28.2	64193
2004 EN ₇₄	2009 11 29.8	04 23.43 +31 42.1 19.9	-1.29	- 0.1	4.2/30.9	59722
2003 UH ₂₇₁	2009 11 29.8	04 23.45 +05 28.7 19.0	-0.89	+ 2.1	5.2/28.4	60790
2005 UH ₁₀₂	2009 11 29.8	04 23.45 +20 00.5 19.9	-1.12	+ 0.4	0.6/29.7	17605
2007 HB ₈₃	2009 11 29.8	04 23.46 +30 40.7 19.0	-1.33	+ 6.3	3.5/30.2	64321
2005 TF ₂	2009 11 29.8	04 23.46 +26 56.8 20.8	-1.18	- 2.6	2.0/30.6	62438
2006 AB ₃₀	2009 11 29.8	04 23.46 +15 29.4 20.8	-0.93	- 2.0	2.0/29.1	53463
2004 TH ₁₁₈	2009 11 29.8	04 23.51 +26 44.4 20.5	-1.07	- 0.8	1.6/30.5	40690
2000 RL ₈₈	2009 11 29.8	04 23.51 -13 03.4 19.9	-0.90	- 4.4	11.7/23.7	59656
2000 WT ₁₃₂	2009 11 29.8	04 23.53 +35 56.0 18.5	-1.04	- 6.0	6.7/03.0	64157
2007 HD ₇	2009 11 29.8	04 23.55 +20 46.7 20.1	-1.01	- 2.9	0.3/29.8	47430
2005 QW ₅₂	2009 11 29.8	04 23.58 +22 48.7 19.5	-1.17	- 2.0	0.6/30.0	62427
2001 RR ₁₁₀	2009 11 29.8	04 23.59 +23 53.9 19.8	-1.13	- 1.8	0.8/30.2	64162
2004 UM ₃	2009 11 29.8	04 23.62 +35 36.1 19.7	-1.12	- 1.8	4.8/01.8	58485
2007 BB ₈₀	2009 11 29.8	04 23.64 +24 14.9 21.3	-1.13	- 2.5	1.0/30.2	47418
2001 TL ₁₇₃	2009 11 29.9	04 23.56 +31 47.2 19.6	-1.15	- 3.5	4.3/01.4	97485
2003 SG ₂₇₇	2009 11 29.9	04 23.57 +31 55.1 19.9	-0.98	- 2.7	3.2/01.4	47263
2004 PD ₉₁	2009 11 29.9	04 23.57 +29 54.5 20.1	-1.08	- 3.4	2.8/01.1	43205
2006 KO ₁₀₄	2009 11 29.9	04 23.58 -18 27.2 20.5	-1.32	+ 5.7	18.1/28.6	33472
2004 NY ₂₃	2009 11 29.9	04 23.63 -24 56.3 19.4	-0.94	+ 2.6	17.0/26.3	74312
1995 TF ₄	2009 11 29.9	04 23.68 +26 31.7 20.3	-1.24	- 1.9	2.1/30.5	39133

2007 GW ₅₂	2009 11 29.9	04 23.69 +05 42.4 19.4	-0.89	- 7.0	5.7/27.0	64319	2000 SC ₂₈₅	2009 11 30.1	04 24.43 +43 14.7 18.3	-1.09	- 1.8	10.6/03.4	64156
2004 TZ ₃₁	2009 11 29.9	04 23.73 +26 14.1 20.5	-1.00	- 2.8	1.7/30.6	41816	2002 CR ₃₄	2009 11 30.1	04 24.45 +27 11.1 17.6	-0.98	+ 2.3	3.0/30.6	64180
2006 DC ₁₄₃	2009 11 29.9	04 23.74 +37 19.5 19.7	-1.12	- 0.1	5.9/01.8	02298	2008 RW ₃₅	2009 11 30.1	04 24.45 +34 17.6 20.0	-0.93	- 1.2	3.6/01.7	60908
2005 MV ₃₄	2009 11 29.9	04 23.77 +35 08.0 18.8	-1.23	- 6.2	6.3/03.0	16292	2003 UD ₂₉₀	2009 11 30.1	04 24.50 +09 31.5 20.1	-0.82	- 3.7	3.9/28.3	43192
2004 TC ₆₉	2009 11 29.9	04 23.79 +36 25.6 20.0	-1.21	+ 1.4	5.1/01.4	41817	2002 JT ₁₀	2009 11 30.1	04 24.52 +04 59.3 19.2	-0.95	+ 1.0	5.7/28.4	02100
2006 MQ ₁₀	2009 11 29.9	04 23.81 +28 23.8 19.3	-0.62	- 2.0	1.4/31.0	64296	2003 QK ₁₄	2009 11 30.1	04 24.53 +29 19.3 18.8	-0.95	- 5.2	2.9/01.4	64205
2005 QF ₃₅	2009 11 29.9	04 23.81 +16 55.2 21.0	-1.12	- 1.8	1.8/29.4	20380	2007 JP ₁₂	2009 11 30.1	04 24.53 +12 03.6 19.9	-0.87	+ 1.4	2.6/29.2	21230
2002 CQ ₂₁₅	2009 11 29.9	04 23.82 +05 51.4 19.3	-0.91	- 1.6	6.0/28.0	59677	1999 VE ₂₁₀	2009 11 30.1	04 24.55 +21 53.5 20.1	-0.95	- 1.2	0.1/30.2	64150
2004 JL ₆	2009 11 29.9	04 23.87 +22 09.2 20.4	-1.10	- 4.0	0.2/30.0	41806	2007 AD ₂₁	2009 11 30.1	04 24.56 +29 25.5 19.4	-1.18	- 3.8	3.1/01.2	47416
2005 UE ₅₀₇	2009 11 29.9	04 23.88 +19 22.7 19.6	-1.08	- 0.8	1.0/29.7	56035	2005 TS ₄₁	2009 11 30.1	04 24.60 +21 10.3 19.3	-1.08	- 5.0	0.2/30.1	95988
2001 QY ₂₂₉	2009 11 29.9	04 23.89 +15 01.1 19.9	-1.05	- 4.2	2.6/29.0	62316	2005 UT ₂₀₈	2009 11 30.1	04 24.61 +14 56.7 20.2	-0.97	- 4.5	3.2/29.2	96207
2002 AA ₁₄₇	2009 11 29.9	04 23.91 +14 34.0 20.5	-1.00	- 1.2	2.7/29.1	19566	2004 SD ₅₀	2009 11 30.1	04 24.62 +28 00.8 19.3	-1.06	- 1.0	2.3/30.9	59740
2003 HL ₃₂	2009 11 29.9	04 23.91 +27 12.8 20.1	-1.13	+ 0.9	2.0/30.5	64203	2003 SC ₇₉	2009 11 30.1	04 24.62 +07 31.5 20.0	-0.82	- 4.8	4.4/27.9	47257
2000 QH ₁₀₉	2009 11 29.9	04 23.92 -02 06.8 18.9	-0.97	+ 1.2	10.2/28.2	62306	2006 WC ₁₇₈	2009 11 30.1	04 24.62 +17 17.7 19.4	-1.10	- 1.7	2.1/29.6	64300
2006 GW	2009 11 29.9	04 23.94 +36 37.2 20.1	-1.04	- 1.2	4.7/01.9	49001	2007 JU ₄₂	2009 11 30.1	04 24.66 +39 16.2 19.9	-1.19	- 2.9	5.8/02.6	41875
2002 CC ₉₃	2009 11 29.9	04 23.95 +17 26.3 20.7	-0.99	- 1.6	1.5/29.5	20274	2005 AU ₁₈	2009 11 30.1	04 24.67 +16 03.9 19.0	-0.91	+ 0.5	2.1/29.6	20814
2007 CL ₆₄	2009 11 29.9	04 23.96 +26 20.1 21.2	-1.13	- 1.7	1.7/30.6	20533	2007 DR ₂₆	2009 11 30.1	04 24.67 +23 00.3 21.8	-1.07	- 1.8	0.5/30.3	17733
2007 BK ₄₁	2009 11 29.9	04 23.97 +17 36.5 21.3	-1.08	- 2.2	1.4/29.5	47417	2000 QG ₁₃₈	2009 11 30.1	04 24.67 +28 40.7 19.6	-1.12	- 1.6	2.6/01.0	60730
2007 EP ₃₀	2009 11 29.9	04 24.00 +17 18.0 21.2	-1.07	- 2.0	1.6/29.5	21192	2005 WV ₆₁	2009 11 30.1	04 24.68 +24 43.4 21.0	-1.04	- 3.4	1.0/30.6	41226
2005 SW ₁₆₂	2009 11 29.9	04 24.01 +16 36.8 19.4	-1.13	+ 1.3	2.3/29.6	58511	2004 TD ₁₆₆	2009 11 30.1	04 24.71 +17 20.3 19.9	-0.95	- 3.5	1.5/29.6	20807
2005 YR ₂₈₆	2009 11 30.0	04 23.99 +18 45.4 20.3	-0.98	- 0.4	1.0/29.7	22532	2007 LN ₃	2009 11 30.1	04 24.73 +14 53.4 19.4	-0.96	- 6.7	2.6/29.0	63838
2003 SK ₃₁₉	2009 11 30.0	04 24.00 +18 23.3 20.3	-0.89	- 1.3	1.1/29.6	47265	2005 ST ₁₁₄	2009 11 30.1	04 24.74 +22 00.9 19.8	-1.14	- 3.3	0.2/30.2	62434
2003 WJ ₅₂	2009 11 30.0	04 24.03 +19 34.7 19.6	-0.84	- 4.2	0.6/29.7	64213	2003 SG ₂₈₉	2009 11 30.1	04 24.75 +15 40.5 20.0	-0.88	- 0.9	1.9/29.5	60345
2005 QW ₁₁₆	2009 11 30.0	04 24.04 +15 50.8 19.4	-0.99	- 2.0	2.9/29.3	17548	2000 SN ₁₈₉	2009 11 30.1	04 24.77 +24 44.4 20.0	-1.04	- 3.4	1.0/30.6	16145
2008 QA ₁₇	2009 11 30.0	04 24.11 +19 12.2 20.3	-0.91	- 2.0	0.8/29.7	64336	2005 BL ₉	2009 11 30.1	04 24.82 +13 13.7 19.8	-0.86	+ 0.2	2.7/29.3	02241
2002 CF ₁₈₆	2009 11 30.0	04 24.12 +18 49.0 20.1	-1.00	- 1.3	1.0/29.7	47203	2005 OM ₁₄	2009 11 30.1	04 24.82 -21 31.6 19.6	-0.98	+ 3.2	18.8/28.2	35913
2007 EQ ₃₁	2009 11 30.0	04 24.13 +09 02.7 20.9	-0.97	- 1.3	4.2/28.6	47421	2001 GW ₁₁	2009 11 30.1	04 24.84 +20 07.4 20.1	-0.89	+ 1.1	0.4/30.0	43120
2004 FG ₉₀	2009 11 30.0	04 24.13 +14 42.4 21.5	-1.10	- 2.1	2.6/29.2	41805	2003 GR ₃₅	2009 11 30.1	04 24.86 +13 40.2 20.5	-1.01	+ 0.4	2.5/29.4	43171
2005 UB ₁₆₀	2009 11 30.0	04 24.15 +26 22.4 19.0	-1.19	+ 1.6	2.1/30.4	64265	2005 YE ₁₈₅	2009 11 30.1	04 24.87 +11 30.8 20.4	-0.93	- 0.7	3.5/29.1	41837
2004 PC ₄₁	2009 11 30.0	04 24.15 +11 15.7 19.8	-1.08	+ 3.7	4.1/29.4	95279	2003 AZ ₂₂	2009 11 30.1	04 24.89 +50 41.6 19.4	-1.58	- 4.2	10.1/04.4	59692
2005 WQ ₃₈	2009 11 30.0	04 24.16 +18 39.6 20.0	-1.01	- 3.1	1.1/29.6	62460	2005 CL ₃₄	2009 11 30.2	04 24.83 +32 16.9 20.3	-0.87	- 1.7	2.8/01.7	48966
2004 NJ ₉	2009 11 30.0	04 24.16 +21 06.5 19.7	-1.04	- 2.9	0.2/30.0	18075	2006 BD ₉₉	2009 11 30.2	04 24.92 +17 41.6 19.9	-0.92	- 2.1	1.4/29.7	64289
2007 DR ₆₀	2009 11 30.0	04 24.17 +42 22.0 20.1	-1.24	- 3.1	6.6/03.0	21362	2005 TP ₁₄₃	2009 11 30.2	04 24.93 +21 08.1 20.4	-1.15	- 0.7	0.2/30.2	33026
2002 AP ₁₈₉	2009 11 30.0	04 24.18 +46 02.9 20.3	-1.29	- 6.7	7.4/04.6	97554	2007 JR ₉	2009 11 30.2	04 24.93 +24 34.4 20.0	-0.93	+ 0.9	0.8/30.5	64322
2008 UH ₄₅	2009 11 30.0	04 24.18 +23 43.3 20.0	-0.62	- 0.6	0.4/30.3	62543	2002 RW ₂₇	2009 11 30.2	04 24.93 +08 42.5 20.0	-1.15	- 0.3	5.9/29.1	37963
2002 FJ ₂₂	2009 11 30.0	04 24.20 +25 04.9 19.3	-1.09	+ 1.6	1.2/30.3	64184	2002 AN ₁₅₂	2009 11 30.2	04 24.95 +40 01.9 18.9	-1.20	- 3.5	6.6/02.9	43144
2007 EX ₇₈	2009 11 30.0	04 24.20 +17 10.2 20.5	-1.10	- 1.7	1.9/29.5	21878	2005 UN ₄₆₃	2009 11 30.2	04 24.97 +17 38.8 21.2	-1.07	- 1.9	1.5/29.7	41831
2005 NG ₈₀	2009 11 30.0	04 24.23 +36 31.3 20.5	-1.36	- 4.0	6.2/03.0	87708	2003 UL ₁₁₈	2009 11 30.2	04 24.98 +16 23.4 19.9	-0.84	- 4.1	1.6/29.4	47271
2007 GN ₃₉	2009 11 30.0	04 24.26 +18 02.3 20.1	-0.94	- 3.2	1.4/29.6	26269	2003 UM ₇₇	2009 11 30.2	04 25.02 +25 17.8 19.0	-0.89	- 5.9	1.3/30.9	59713
2000 QX ₂₁₉	2009 11 30.0	04 24.27 +08 55.6 20.4	-0.97	- 2.0	4.7/28.5	20735	5104 T-3	2009 11 30.2	04 25.02 +06 13.4 18.9	-0.87	0.0	5.4/28.6	58656
2006 FH ₂₄	2009 11 30.0	04 24.30 +42 54.8 20.1	-1.19	+ 2.2	6.5/02.0	01527	2001 OD ₇₈	2009 11 30.2	04 25.03 +00 35.9 19.4	-0.79	+ 1.6	6.1/28.3	60738
2005 QH ₁₇₇	2009 11 30.0	04 24.31 +31 08.3 20.1	-1.26	- 0.7	4.1/01.1	18119	2003 SA ₂₂₇	2009 11 30.2	04 25.05 +10 25.0 20.3	-0.84	- 2.9	3.6/28.7	41796
2007 EG ₁₁	2009 11 30.0	04 24.36 +26 10.9 22.2	-1.12	- 2.0	1.5/30.6	20851	2003 UR ₂	2009 11 30.2	04 25.06 +53 39.6 20.6	-1.56	+ 5.3	11.4/01.8	57985
2005 SW ₂₅₆	2009 11 30.0	04 24.39 +25 53.1 18.9	-1.10	+ 0.5	2.1/30.5	64257	2003 GU ₃	2009 11 30.2	04 25.06 +38 22.4 20.3	-1.19	- 1.1	5.2/02.4	59698
2005 AM ₄₉	2009 11 30.0	04 24.39 -04 11.1 19.4	-0.83	+ 0.4	8.6/27.1	59096	2002 CG ₁₄₅	2009 11 30.2	04 25.06 +03 51.4 19.7	-0.93	- 3.2	7.0/27.5	42607
2008 SG ₁₂	2009 11 30.0	04 24.44 +18 59.8 20.2	-0.79	- 3.4	0.7/29.7	64337	2006 UQ ₂₄₅	2009 11 30.2	04 25.07 +48 32.4 20.5	-2.07	+10.1	13.3/30.0	10454
2005 AK ₆₅	2009 11 30.0	04 24.47 +29 23.9 20.0	-0.92	- 3.9	2.5/01.3	58009	2005 SP ₁₄₅	2009 11 30.2	04 25.08 +18 54.3 21.2	-1.06	- 1.2	1.3/29.9	21835
2001 PQ ₅₇	2009 11 30.0	04 24.50 +27 05.7 19.6	-1.15	- 2.2	2.4/30.8	17935	2007 RL ₁₆₂	2009 11 30.2	04 25.13 +24 23.5 19.2	-0.59	- 2.1	0.5/30.7	49027
2001 FT ₁₅₇	2009 11 30.1	04 24.41 +17 52.7 20.3	-1.16	- 0.5	1.4/29.7	97437	2007 EE ₁₂₀	2009 11 30.2	04 25.15 +18 34.3 21.1	-0.97	- 1.4	1.0/29.9	41867
2001 QR ₁₃	2009 11 30.1	04 24.41 +15 04.5 20.5	-1.07	- 1.9	2.3/29.3	40093	2008 OV ₇	2009 11 30.2	04 25.15 +01 47.3 20.2	-0.91	- 0.3	7.1/28.1	47447
2007 DD ₅₆	2009 11 30.1	04 24.42 +18 36.0 19.6	-1.10	- 1.2	1.2/29.8	22877	2005 QT ₉₇	2009 11 30.2	04 25.16 +12 55.7 20.1	-1.11	- 1.4	3.5/29.3	60831

2003 GG ₁₂	2009 11 30.2	04 25.18 +23 03.6 20.0	-1.09	- 3.1	0.6/30.5	59698
2000 EJ ₂₀₇	2009 11 30.2	04 25.20 -09 39.3 20.5	-1.00	- 4.7	11.2/24.5	22668
2007 BE ₁₀	2009 11 30.2	04 25.22 +31 03.4 20.7	-1.22	- 2.0	4.6/01.5	14539
1997 YQ ₁₇	2009 11 30.2	04 25.23 +38 34.7 19.8	-1.18	- 5.8	6.5/03.3	34677
2003 UY ₂₇₀	2009 11 30.2	04 25.29 +17 36.4 20.3	-0.91	+ 0.7	1.3/29.9	11000
2003 SB ₂₅	2009 11 30.2	04 25.29 +09 43.7 20.6	-0.84	- 3.7	3.9/28.5	43176
2004 PY ₇₅	2009 11 30.2	04 25.30 +14 39.2 21.1	-0.99	- 2.9	2.1/29.4	48932
2008 MV ₄	2009 11 30.2	04 25.31 +10 02.1 20.8	-0.88	- 5.8	4.0/28.4	41701
2006 HE ₁₈	2009 11 30.2	04 25.33 +10 33.7 19.9	-0.80	- 4.1	3.5/28.6	47406
2004 PM ₁₁₄	2009 11 30.3	04 25.28 +34 59.4 20.8	-1.21	0.0	4.4/01.8	11064
2001 YJ ₁₃₀	2009 11 30.3	04 25.32 +39 17.3 18.7	-1.15	- 6.2	7.7/03.6	97541
2003 UP ₁₈₈	2009 11 30.3	04 25.34 +43 09.3 20.0	-1.15	+ 0.4	6.3/03.0	55107
2005 YV ₂₇₂	2009 11 30.3	04 25.41 +19 12.8 19.6	-1.01	+ 0.3	0.9/30.1	41838
2005 XM ₃₈	2009 11 30.3	04 25.41 +35 54.3 19.9	-1.01	- 2.0	4.3/02.3	47364
2006 DY ₇₄	2009 11 30.3	04 25.43 +17 31.4 20.4	-0.91	- 1.3	1.4/29.8	58525
2005 YQ ₁₉₉	2009 11 30.3	04 25.44 +23 07.6 19.7	-0.99	- 2.6	0.6/30.5	62472
2008 FT ₂₀	2009 11 30.3	04 25.45 +14 34.8 20.7	-1.20	- 0.4	3.0/29.7	41918
2005 QO ₃₅	2009 11 30.3	04 25.47 +34 13.4 19.8	-1.27	- 2.1	5.5/02.0	11119
2001 QT ₁₂₉	2009 11 30.3	04 25.50 +23 52.7 18.9	-1.07	- 6.1	1.0/30.7	13777
2005 QY ₁₁₁	2009 11 30.3	04 25.51 +17 08.9 19.5	-1.06	- 3.3	2.1/29.7	62428
2006 BK ₈	2009 11 30.3	04 25.54 +12 24.1 20.7	-0.95	- 1.1	3.5/29.2	98091
2005 MO ₃₅	2009 11 30.3	04 25.54 +15 04.0 19.5	-1.11	- 0.7	3.2/29.7	22791
2002 GY ₁₂₂	2009 11 30.3	04 25.55 +19 08.0 20.8	-0.98	- 1.3	0.9/30.1	94752
2001 OE ₁₁	2009 11 30.3	04 25.59 +27 10.5 19.6	-1.20	- 1.3	2.2/01.0	39149
2004 PP ₉₈	2009 11 30.3	04 25.62 +19 01.5 19.4	-1.06	+ 0.5	1.0/30.1	97723
2001 VW ₁₁₃	2009 11 30.3	04 25.62 +27 25.5 18.8	-1.14	+ 1.5	2.5/30.9	62328
2003 KO ₁₄	2009 11 30.3	04 25.63 +06 19.8 20.8	-0.95	+ 0.4	4.9/28.8	19601
2005 TJ ₁₂₂	2009 11 30.3	04 25.63 +16 41.3 21.5	-1.08	- 3.3	1.9/29.7	97862
2008 ME ₂	2009 11 30.3	04 25.66 +10 37.6 19.6	-1.09	+ 1.3	5.1/29.5	41700
2005 AC ₈₂	2009 11 30.3	04 25.68 +36 59.8 19.9	-1.03	- 1.9	5.5/02.4	47338
2003 DG ₁₈	2009 11 30.3	04 25.69 +18 34.6 20.0	-1.07	- 1.3	1.1/30.0	20775
2005 VW ₉₂	2009 11 30.3	04 25.69 +16 25.9 19.5	-1.02	- 1.1	2.3/29.8	20824
2000 QA ₁₆₁	2009 11 30.3	04 25.70 +10 45.4 17.9	-0.95	- 7.1	4.4/28.5	64154
2002 JC ₁₀₈	2009 11 30.3	04 25.71 +20 30.0 22.9	-0.87	+ 0.2	0.3/30.3	74184
2005 SA ₆₀	2009 11 30.3	04 25.72 +30 48.9 20.6	-1.23	- 1.0	3.2/01.4	60835
2003 UO ₂₂₅	2009 11 30.3	04 25.73 +19 13.7 19.8	-0.85	- 4.4	0.8/30.0	64212
2006 HK ₇₅	2009 11 30.3	04 25.74 +05 52.9 21.6	-0.81	- 1.4	4.6/28.3	01692
2001 YD ₁₆₀	2009 11 30.3	04 25.74 +31 38.8 19.8	-1.19	+ 2.0	3.4/01.2	47194
2007 ET ₂₀₆	2009 11 30.3	04 25.76 +34 03.3 21.0	-1.13	- 2.2	4.1/02.0	60523
2001 TH ₁₄₈	2009 11 30.3	04 25.76 +19 50.8 19.9	-1.11	+ 0.2	0.7/30.2	64166
2002 GP ₁₁	2009 11 30.3	04 25.78 +13 43.5 19.4	-1.03	+ 0.9	2.9/29.6	60762
2008 QS ₂₀	2009 11 30.4	04 25.68 +26 39.2 20.2	-1.01	- 4.5	1.6/01.2	43003
2007 DK ₉₇	2009 11 30.4	04 25.72 +11 37.5 20.2	-1.02	- 3.5	4.2/29.0	41863
2005 WX ₁₇₂	2009 11 30.4	04 25.73 +20 15.2 20.5	-1.05	- 1.3	0.6/30.2	98013
2004 EN	2009 11 30.4	04 25.77 +26 36.4 21.0	-1.20	- 3.6	1.9/01.1	20326
2002 GQ ₆	2009 11 30.4	04 25.79 +61 11.4 18.7	-2.51	+19.9	19.5/23.0	62345
2004 PX ₆₀	2009 11 30.4	04 25.80 +25 57.7 20.1	-1.04	- 3.5	1.6/01.0	00735
2005 XG ₆	2009 11 30.4	04 25.81 +23 13.4 19.9	-1.07	- 2.7	0.6/30.6	19674
2006 BB ₆	2009 11 30.4	04 25.81 +32 18.1 20.4	-1.03	- 4.0	3.2/02.0	98090
2004 HS ₃₄	2009 11 30.4	04 25.84 +19 43.0 19.3	-1.16	+ 0.6	0.8/30.3	00719
2008 RE ₈₃	2009 11 30.4	04 25.86 +18 28.7 21.1	-0.86	- 2.6	1.0/30.0	46682

2006 HE ₁₀₈	2009 11 30.4	04 25.86 +04 11.9 20.0	-0.82	- 6.0	5.7/27.2	47409
2005 NQ ₄₀	2009 11 30.4	04 25.87 +13 59.5 20.8	-1.15	- 1.1	3.2/29.6	39758
2005 YL ₅₂	2009 11 30.4	04 25.90 +32 48.7 20.5	-1.08	- 6.2	4.2/02.3	02264
2004 XJ ₉₆	2009 11 30.4	04 25.91 +11 06.5 19.8	-0.92	+ 2.2	3.4/29.6	02232
2004 JF ₁₅	2009 11 30.4	04 25.93 +21 46.1 20.6	-1.10	- 1.4	0.0/30.5	64219
2004 EP ₅₂	2009 11 30.4	04 25.93 +27 52.6 19.8	-1.24	- 0.3	2.5/01.1	62387
2007 JQ ₁₅	2009 11 30.4	04 25.94 +11 04.4 20.3	-0.82	- 5.4	3.2/28.7	47433
2004 TA ₃₁₆	2009 11 30.4	04 25.98 +03 33.8 20.8	-0.89	- 4.8	6.0/27.5	47322
2007 BL ₈₁	2009 11 30.4	04 25.99 +29 11.1 21.2	-1.21	- 2.3	3.2/01.4	41860
2003 KL ₁₇	2009 11 30.4	04 25.99 +17 48.3 21.0	-0.97	- 1.1	1.2/30.0	19601
2002 GB ₁₃	2009 11 30.4	04 26.03 -22 16.6 18.2	-0.90	-11.1	16.7/17.6	64184
2007 MS ₁₃	2009 11 30.4	04 26.07 +04 50.1 20.9	-0.92	+ 1.0	5.3/28.9	21717
2005 UT ₂₆₇	2009 11 30.4	04 26.07 +23 37.0 20.7	-1.15	+ 1.2	0.8/30.6	20821
2005 SZ ₂₃₂	2009 11 30.4	04 26.09 +21 41.6 19.8	-1.06	- 2.6	0.0/30.5	43234
2003 SZ ₂₃₃	2009 11 30.4	04 26.11 +31 46.0 20.7	-1.00	- 0.1	3.0/01.6	43181
1998 HV ₁₂₇	2009 11 30.4	04 26.13 +37 28.8 19.3	-1.23	+ 0.9	6.0/01.9	97335
2008 OY ₈	2009 11 30.4	04 26.14 +29 57.8 20.6	-1.03	- 4.9	2.5/01.8	47447
2003 SF ₆₂	2009 11 30.4	04 26.16 +15 26.0 19.2	-0.86	- 4.8	2.1/29.5	62375
2002 RD ₁₉₂	2009 11 30.4	04 26.18 +08 39.7 19.8	-0.79	- 1.5	3.6/28.8	47229
2007 DC ₈₈	2009 11 30.4	04 26.18 +21 45.9 19.4	-1.12	- 1.1	0.0/30.5	64309
2006 HY ₁₀₅	2009 11 30.4	04 26.19 +35 31.8 19.8	-0.90	- 3.7	3.7/02.7	03906
2004 EH ₄₂	2009 11 30.4	04 26.19 +33 49.5 19.9	-1.33	- 0.1	5.0/01.7	41804
2005 SD ₁₁₀	2009 11 30.4	04 26.20 +16 12.3 19.7	-1.04	- 2.9	2.4/29.8	60836
2002 YW ₂₀	2009 11 30.5	04 26.12 -05 40.7 18.9	-1.29	+ 8.2	12.2/29.5	21324
2007 EK ₇₁	2009 11 30.5	04 26.15 +15 17.7 20.8	-1.06	- 2.7	3.1/29.7	57123
2006 CE ₆₇	2009 11 30.5	04 26.18 +16 24.7 20.6	-0.89	- 2.3	1.7/29.8	58525
2003 SD ₂₈₆	2009 11 30.5	04 26.20 +14 37.8 19.8	-0.83	- 3.8	2.1/29.5	46052
2008 TY ₁₇₅	2009 11 30.5	04 26.22 +07 08.6 20.3	-0.68	- 3.3	3.7/28.2	58622
2002 JQ ₉₉	2009 11 30.5	04 26.29 +03 00.0 20.3	-1.00	+ 1.2	7.2/28.6	94780
2001 FK ₁₄₇	2009 11 30.5	04 26.33 +19 11.1 19.3	-0.87	- 3.9	0.8/30.2	64159
2000 YM ₄₃	2009 11 30.5	04 26.39 +10 13.8 18.2	-0.93	+ 0.8	4.9/29.5	64158
2000 VY ₅₁	2009 11 30.5	04 26.42 +34 53.3 18.8	-1.14	+ 0.5	5.6/02.0	19531
2005 YD ₂₀₀	2009 11 30.5	04 26.45 +08 39.0 19.7	-0.97	+ 1.6	4.6/29.5	40699
2006 DG ₂₄	2009 11 30.5	04 26.46 +26 35.5 19.7	-1.07	+ 0.5	1.8/01.0	01337
2006 BD ₂₀₇	2009 11 30.5	04 26.48 +20 30.1 21.4	-0.93	- 2.6	0.4/30.4	26129
2005 TV ₆₀	2009 11 30.5	04 26.48 +32 39.8 20.1	-1.23	- 1.7	4.7/01.9	18132
2000 TW ₅₇	2009 11 30.5	04 26.49 +32 11.1 19.3	-1.19	+ 2.1	4.2/01.5	20738
2006 RC ₂	2009 11 30.5	04 26.49 -18 30.6 19.6	-0.99	- 8.8	20.5/20.2	64297
2007 CO ₄₆	2009 11 30.5	04 26.53 +32 13.1 20.2	-1.20	- 2.9	3.9/02.0	59787
2008 PM	2009 11 30.5	04 26.54 +16 12.8 20.5	-0.86	- 3.7	1.7/29.8	50134
2005 UQ ₉₇	2009 11 30.5	04 26.55 +18 41.5 21.1	-1.08	- 1.3	1.1/30.2	96144
2006 HS ₂	2009 11 30.5	04 26.55 +08 42.0 21.6	-0.79	- 2.2	3.6/28.8	49002
2003 BV ₆₄	2009 11 30.5	04 26.56 +16 59.7 20.0	-1.10	- 1.4	2.0/30.0	20300
2004 RA ₁₃	2009 11 30.5	04 26.57 +36 39.5 20.1	-1.18	- 0.6	5.4/02.4	41810
2006 DR ₁₂₆	2009 11 30.6	04 26.55 +06 35.1 20.9	-0.84	- 2.1	4.7/28.6	47395
2007 DC ₁₀₅	2009 11 30.6	04 26.57 +13 19.9 20.9	-0.97	- 2.9	2.9/29.5	20543
1997 SU ₂₈	2009 11 30.6	04 26.60 +18 14.0 21.3	-1.06	- 2.5	1.2/30.2	14583
2005 TG ₁₀₇	2009 11 30.6	04 26.60 +21 17.1 20.5	-1.12	- 1.7	0.2/30.6	60429
2004 GC ₁₃	2009 11 30.6	04 26.62 +13 16.9 19.9	-1.07	- 5.1	3.1/29.4	47293
2005 WV ₁₀₆	2009 11 30.6	04 26.66 +18 28.8 20.6	-1.06	- 2.1	1.3/30.2	20826
2008 LV ₇	2009 11 30.6	04 26.67 +00 55.5 20.2	-0.94	- 3.2	8.0/28.0	41693

2004 TX ₁₂₆	2009 11 30.6	04 26.69 +21 39.5 19.2	-1.02	- 0.2	0.0/30.6	64231
2005 OH ₂₇	2009 11 30.6	04 26.70 +17 35.8 20.7	-1.12	- 3.3	1.6/30.1	40692
2007 EP ₂₁₄	2009 11 30.6	04 26.75 +06 28.2 20.9	-0.89	- 3.1	4.8/28.5	43278
2005 YO ₃₆	2009 11 30.6	04 26.76 +18 30.0 19.9	-0.96	- 1.1	1.1/30.3	43247
2006 AD ₁₀	2009 11 30.6	04 26.81 +19 30.0 18.7	-0.96	- 6.0	0.9/30.3	64286
2005 SK ₂₄₆	2009 11 30.6	04 26.85 +17 03.9 21.2	-1.07	- 3.9	1.7/30.0	56029
2005 AM ₈₁	2009 11 30.6	04 26.86 +37 36.6 19.2	-1.09	+ 1.1	5.1/02.2	47338
2005 AS ₁₉	2009 11 30.6	04 26.88 +37 41.9 19.2	-1.04	- 3.5	5.2/03.0	47336
2004 RT ₁₈₂	2009 11 30.6	04 26.88 +03 49.8 19.2	-0.88	- 5.1	6.8/27.8	64225
2007 DA ₈	2009 11 30.6	04 26.90 +21 48.5 20.1	-1.03	- 4.5	0.0/30.7	63815
2005 SS ₁₈₄	2009 11 30.6	04 26.90 +28 30.0 21.0	-1.20	- 2.1	2.7/01.5	20817
2007 AS ₂₃	2009 11 30.6	04 26.92 +22 15.5 19.2	-1.09	- 5.2	0.3/30.8	57119
2005 RB ₄₂	2009 11 30.6	04 26.94 +19 51.9 19.3	-1.00	- 3.4	0.9/30.4	64251
2005 XV ₈₁	2009 11 30.6	04 26.96 +23 34.2 20.8	-1.04	- 2.6	0.8/30.9	96649
2008 QH ₈	2009 11 30.6	04 26.97 +04 44.7 20.0	-0.80	- 1.5	5.1/28.6	47453
2001 YA ₄₃	2009 11 30.6	04 26.98 +20 17.5 18.8	-1.13	+ 1.4	0.6/30.6	40101
2002 AB ₂₀₃	2009 11 30.6	04 27.00 +03 42.2 21.3	-0.92	- 0.6	5.6/28.6	21311
2006 DK ₄₆	2009 11 30.6	04 27.01 +17 33.0 20.6	-0.93	- 1.8	1.5/30.2	47392
2005 WK ₄₀	2009 11 30.6	04 27.03 +23 13.7 19.0	-0.99	- 8.8	0.7/31.0	96468
2008 RZ ₁₂₄	2009 11 30.7	04 27.00 +12 52.7 21.2	-0.84	- 2.1	2.7/29.6	58612
2003 FY ₅₂	2009 11 30.7	04 27.02 +25 01.7 22.0	-1.04	- 0.5	1.0/01.1	85983
2006 DR ₁₂₂	2009 11 30.7	04 27.02 +07 02.5 18.8	-1.02	+ 4.6	6.7/29.8	01414
2000 GH ₂₇	2009 11 30.7	04 27.04 +26 42.4 20.4	-1.18	- 1.0	1.8/01.2	59654
2007 EJ ₁₁₃	2009 11 30.7	04 27.04 +20 24.5 21.5	-1.09	- 1.7	0.5/30.6	17829
2001 XT ₈₀	2009 11 30.7	04 27.06 +32 32.1 18.2	-1.23	+ 1.2	4.4/01.7	62331
2004 RA ₃₃₃	2009 11 30.7	04 27.06 -02 04.4 18.5	-0.87	- 0.3	10.0/28.0	64227
2002 GG ₁₃₈	2009 11 30.7	04 27.07 +31 16.0 19.1	-1.11	+ 0.9	3.6/01.6	60763
2007 EB ₁₂₀	2009 11 30.7	04 27.08 +28 01.5 20.7	-0.96	0.0	1.8/01.4	43276
2000 SO ₃₄₇	2009 11 30.7	04 27.10 +46 35.2 20.4	-1.37	- 6.0	8.3/05.6	14606
2001 YK ₁₂₅	2009 11 30.7	04 27.13 +30 47.2 18.6	-1.08	- 3.0	4.2/01.9	17984
1998 HO ₁₉	2009 11 30.7	04 27.14 +24 37.9 19.8	-1.05	- 2.5	1.0/01.1	47130
2005 RM ₁₁	2009 11 30.7	04 27.15 +31 02.6 19.1	-1.23	- 2.8	3.8/02.0	40140
2003 SV ₂₉₅	2009 11 30.7	04 27.15 +00 18.0 19.6	-0.82	- 7.0	6.8/26.8	21141
2000 YN ₆₀	2009 11 30.7	04 27.16 +10 40.1 18.2	-0.95	+ 1.6	4.8/29.7	64158
2002 VF ₁₂₄	2009 11 30.7	04 27.16 +28 20.8 18.4	-1.15	- 0.8	3.5/01.5	59689
2006 EY ₆₂	2009 11 30.7	04 27.21 +23 11.5 19.7	-0.90	- 2.9	0.5/30.9	57435
2003 SH ₁₁₁	2009 11 30.7	04 27.26 -15 09.8 20.2	-0.80	- 1.6	12.3/25.9	00529
2002 CG ₁₆	2009 11 30.7	04 27.27 +34 14.9 19.7	-1.24	+ 2.1	4.5/01.7	30638
2000 FZ ₈	2009 11 30.7	04 27.31 +15 53.1 20.2	-1.07	- 4.0	2.2/29.9	19522
2005 YC ₁₉₆	2009 11 30.7	04 27.31 +28 30.7 19.4	-1.14	+ 2.0	2.4/01.3	60857
2003 SE ₄₉	2009 11 30.7	04 27.34 +19 47.8 19.8	-0.88	- 2.9	0.6/30.5	62375
1998 GP ₈	2009 11 30.7	04 27.36 +10 43.1 19.7	-0.98	+ 0.1	3.6/29.6	97334
2006 AB ₈₂	2009 11 30.7	04 27.37 +20 38.9 20.1	-0.98	- 3.4	0.4/30.6	96959
2006 DW ₄₉	2009 11 30.7	04 27.38 +31 41.8 20.3	-1.01	- 1.1	2.9/01.9	47392
2005 UC ₁₁₈	2009 11 30.7	04 27.38 +23 22.2 21.1	-1.10	- 2.5	0.6/31.0	47355
2008 SJ ₁₈	2009 11 30.7	04 27.38 +17 49.8 20.7	-0.92	- 1.9	1.3/30.3	46721
2006 EQ	2009 11 30.7	04 27.39 +28 01.5 19.3	-0.97	+ 0.5	1.9/01.4	11163
2003 UA ₇₅	2009 11 30.7	04 27.39 +26 34.9 19.0	-0.91	- 4.5	1.6/01.5	59713
2006 BM ₂₅₂	2009 11 30.7	04 27.40 +23 56.2 19.6	-0.97	- 2.0	1.0/01.1	62479
2007 GQ ₇	2009 11 30.7	04 27.41 +25 45.2 20.9	-1.15	- 1.6	1.6/01.2	20862
2007 BQ ₇₄	2009 11 30.7	04 27.44 +22 50.7 21.4	-1.10	- 2.2	0.4/30.9	47418

2005 QW ₈₇	2009 11 30.7	04 27.47 +15 49.0 19.6	-1.02	- 3.5	2.8/30.0	64249
2008 HH ₂₁	2009 11 30.7	04 27.48 +02 10.0 19.3	-1.18	-17.6	9.5/25.7	64332
2004 FR ₁₄₂	2009 11 30.7	04 27.48 +23 50.7 20.3	-1.18	- 1.6	0.8/01.0	16267
2005 XD ₁₉	2009 11 30.7	04 27.49 +23 58.2 20.4	-1.09	- 2.9	0.8/01.1	58521
2005 AF ₄	2009 11 30.8	04 27.42 -06 25.3 19.5	-0.97	+ 5.0	9.2/29.1	00898
2005 XF ₆₂	2009 11 30.8	04 27.42 +03 56.3 19.1	-1.14	+ 7.1	7.1/30.4	59484
2005 MG ₃₅	2009 11 30.8	04 27.43 +23 58.1 20.4	-1.20	- 3.3	1.0/01.1	87691
2008 MW ₄	2009 11 30.8	04 27.46 +16 02.3 21.6	-0.90	- 4.5	1.7/30.0	40636
2004 RV ₃₁	2009 11 30.8	04 27.49 +17 13.6 20.0	-1.00	- 1.2	1.6/30.3	18084
2001 TX ₁₉₈	2009 11 30.8	04 27.53 +12 58.5 19.7	-1.04	- 1.2	3.5/29.9	16175
2004 RO ₂₈₉	2009 11 30.8	04 27.55 +28 46.6 20.7	-1.16	+ 0.6	2.3/01.5	70096
2002 QV ₁₀₆	2009 11 30.8	04 27.58 +34 03.5 20.0	-0.96	- 2.8	3.8/02.6	47226
2001 QJ ₅₉	2009 11 30.8	04 27.58 +42 49.5 19.9	-1.38	- 2.1	7.6/03.8	40669
2008 HF ₂₁	2009 11 30.8	04 27.59 +16 28.8 21.2	-1.13	- 2.0	2.1/30.2	40015
2004 RG ₆₅	2009 11 30.8	04 27.63 -00 07.1 20.1	-0.90	- 2.3	7.7/28.0	19623
2002 CB ₂₈₁	2009 11 30.8	04 27.63 +14 06.4 21.0	-0.96	- 1.7	2.6/29.9	20276
2001 VH ₈₉	2009 11 30.8	04 27.66 +25 07.5 19.2	-1.09	- 7.2	1.2/01.4	00087
2003 JZ ₅	2009 11 30.8	04 27.68 +07 24.4 19.0	-0.93	- 8.0	5.8/28.2	59700
2004 TO ₂₇₇	2009 11 30.8	04 27.69 +30 05.9 19.9	-1.11	+ 2.5	3.3/01.5	20366
2002 PL ₇₆	2009 11 30.8	04 27.70 +25 59.9 20.3	-0.87	- 4.3	1.2/01.5	45958
2006 AY ₇	2009 11 30.8	04 27.71 +09 42.6 20.8	-0.93	- 2.3	3.7/29.2	47372
2002 CQ ₁₆₂	2009 11 30.8	04 27.72 +49 55.9 19.5	-1.34	- 2.1	12.4/05.0	94619
2006 DK ₄₇	2009 11 30.8	04 27.73 +27 42.8 19.6	-0.92	- 2.1	3.1/01.6	38086
2005 WF ₁₃₇	2009 11 30.8	04 27.77 +22 18.2 20.7	-1.09	- 1.1	0.2/30.9	19672
2005 XZ ₂₅	2009 11 30.8	04 27.78 +19 39.4 18.3	-1.16	+ 5.4	1.0/30.8	01159
2002 OT ₃₀	2009 11 30.8	04 27.82 +16 04.9 20.8	-0.80	- 3.4	1.5/30.1	55074
2006 CT ₁₉	2009 11 30.8	04 27.83 +20 08.2 19.6	-0.96	- 2.6	0.6/30.7	64292
2003 ET ₄₇	2009 11 30.8	04 27.83 +57 43.0 22.4	-1.57	- 1.7	8.8/06.3	47243
2006 AT ₈₂	2009 11 30.8	04 27.84 +38 02.8 20.3	-1.12	- 1.4	4.8/02.8	47375
2008 JA ₁₆	2009 11 30.8	04 27.85 +09 22.5 22.0	-1.08	- 3.0	4.8/29.4	40613
2008 SH ₁₉	2009 11 30.8	04 27.88 +06 06.6 20.6	-0.80	- 2.4	4.6/28.8	50221
2006 AU ₆₆	2009 11 30.9	04 27.85 +23 44.3 20.7	-0.98	- 3.1	0.7/01.2	47374
2000 AR ₂₀₇	2009 11 30.9	04 27.86 +06 38.5 21.0	-0.80	- 1.4	4.2/29.0	21296
2005 SB ₃₉	2009 11 30.9	04 27.91 +25 12.5 20.4	-1.18	- 2.1	1.3/01.3	21350
2002 CU ₆	2009 11 30.9	04 27.92 +12 02.2 18.9	-1.69	+17.4	5.2/01.5	40102
2005 CP ₇₆	2009 11 30.9	04 27.95 +13 47.9 19.3	-0.83	- 4.1	2.8/29.7	43230
2008 MU	2009 11 30.9	04 27.98 +31 24.3 20.2	-1.18	+ 0.3	3.1/01.9	47446
2002 GT ₁₆₄	2009 11 30.9	04 27.99 +07 32.8 19.5	-0.91	- 5.8	5.0/28.5	43154
2005 XB ₄₅	2009 11 30.9	04 27.99 +27 17.1 20.4	-1.11	- 2.2	2.2/01.6	17650
2003 SF ₃₉	2009 11 30.9	04 28.00 +31 21.8 19.1	-0.99	- 1.2	3.4/02.1	47256
2008 HP ₄₁	2009 11 30.9	04 28.02 +25 26.3 21.5	-1.21	- 1.0	1.4/01.3	50127
2007 DG ₁₀₉	2009 11 30.9	04 28.03 +28 59.4 21.0	-1.09	- 2.0	2.4/01.8	43274
2005 UK ₂₃₆	2009 11 30.9	04 28.03 +16 32.7 21.0	-1.04	- 1.7	1.8/30.3	41830
2004 EE ₄₀	2009 11 30.9	04 28.04 +21 05.4 19.6	-1.15	- 1.1	0.2/30.9	64216
2006 BF ₁₃₆	2009 11 30.9	04 28.05 +24 56.2 20.3	-1.03	- 1.1	1.1/01.3	20838
2000 YT ₁₂₇	2009 11 30.9	04 28.08 +34 05.3 19.4	-1.08	- 2.0	4.5/02.5	60735
2007 FW ₄₃	2009 11 30.9	04 28.11 +17 53.2 19.4	-1.07	+ 2.5	1.4/30.7	43278
2003 SS ₁₀₃	2009 11 30.9	04 28.14 -00 21.3 19.4	-0.80	- 4.9	7.7/27.4	59707
2006 DL ₁₆₄	2009 11 30.9	04 28.15 +32 24.5 21.5	-0.96	- 1.0	2.9/02.2	11162
2002 RP ₁₆₉	2009 11 30.9	04 28.18 +19 06.9 19.3	-1.16	- 2.5	1.1/30.6	64191
2008 SM ₁₂₁	2009 11 30.9	04 28.23 +19 45.8 20.3	-0.58	- 1.7	0.4/30.7	49055

2007 LT ₁₄	2009 11 30.9	04 28.25 +17 26.8 21.3	-0.81	- 2.8	1.2/30.4	55329
2008 RU ₆₇	2009 11 30.9	04 28.26 +36 52.8 21.0	-0.98	- 0.8	3.8/03.0	49040
2005 QT ₇₄	2009 11 30.9	04 28.32 +06 25.7 19.0	-0.90	- 3.8	7.7/28.8	64248
2003 SU ₃₃	2009 11 30.9	04 28.32 +07 42.6 20.3	-0.85	- 1.9	4.5/29.3	55968
2000 SS ₉₀	2009 11 30.9	04 28.32 +18 04.3 19.6	-0.99	- 5.3	1.2/30.4	64155
2002 AD ₇₇	2009 11 30.9	04 28.33 +26 15.8 19.6	-1.05	- 1.4	2.0/01.5	19564
2003 AM ₅₃	2009 11 30.9	04 28.33 +21 27.6 19.9	-1.14	- 0.6	0.1/31.0	64199
2002 GO ₁₃₄	2009 11 30.9	04 28.34 +09 04.5 19.7	-0.90	- 5.4	4.5/28.9	47213
2005 RG ₁₁	2009 12 01.0	04 28.32 +24 39.3 19.8	-1.13	- 4.6	1.3/01.4	20387
2003 GR ₅₀	2009 12 01.0	04 28.34 +15 08.3 20.5	-1.00	- 1.7	2.3/30.2	47248
2006 AW ₃₂	2009 12 01.0	04 28.34 +23 14.7 19.1	-1.18	+ 5.5	0.6/01.1	98078
2002 AN ₁₄₁	2009 12 01.0	04 28.36 +09 36.6 18.4	-1.03	+ 1.4	5.0/30.1	64178
2002 AU ₄₈	2009 12 01.0	04 28.36 +17 02.6 19.0	-0.96	- 1.4	2.2/30.5	19564
2002 AS ₁₈₇	2009 12 01.0	04 28.36 +14 10.4 19.4	-1.00	+ 0.7	2.5/30.3	97554
2007 GJ ₄₅	2009 12 01.0	04 28.37 +15 47.3 20.9	-0.96	- 2.9	2.1/30.2	43280
4503 T-3	2009 12 01.0	04 28.37 +17 58.6 18.4	-1.05	+ 0.9	2.0/30.7	64421
2006 AZ ₈₁	2009 12 01.0	04 28.39 +31 22.3 20.3	-1.08	- 2.5	3.6/02.3	01218
2008 GQ ₈₁	2009 12 01.0	04 28.41 +22 07.7 20.5	-1.11	- 0.5	0.1/01.1	62534
2004 RB ₁₁₂	2009 12 01.0	04 28.43 +39 06.0 20.5	-1.23	- 2.1	5.5/03.4	57405
2005 SY ₁₃₃	2009 12 01.0	04 28.45 -02 28.5 21.0	-1.01	- 5.9	8.1/27.2	40142
2007 EY ₁₂₈	2009 12 01.0	04 28.46 +21 40.9 21.2	-1.02	- 2.3	0.0/01.0	47423
2002 CF ₅	2009 12 01.0	04 28.50 +28 04.5 19.4	-1.06	- 2.0	2.3/01.8	47199
2004 RN ₂₆	2009 12 01.0	04 28.51 +15 47.9 19.2	-0.97	- 1.1	2.5/30.4	41810
2004 RH ₁₄₀	2009 12 01.0	04 28.52 +14 21.6 20.4	-0.95	- 3.5	2.9/30.0	19625
2004 PY ₈₃	2009 12 01.0	04 28.53 -21 47.5 20.1	-0.90	- 0.9	14.2/25.4	48541
2004 SG ₂₆	2009 12 01.0	04 28.54 +40 48.6 18.4	-1.25	-10.6	6.8/05.1	97747
2006 GN ₄₂	2009 12 01.0	04 28.59 +01 31.4 20.3	-0.78	- 3.9	5.8/27.8	60862
1981 DW ₁	2009 12 01.0	04 28.60 +24 29.3 20.2	-1.01	- 3.7	0.9/01.4	59645
2002 AE ₁₅₇	2009 12 01.0	04 28.67 +14 05.7 18.8	-0.99	- 2.2	3.3/30.1	02066
2005 AN ₃₄	2009 12 01.0	04 28.69 +26 46.4 20.0	-0.90	- 2.8	1.5/01.8	55150
2004 OZ ₃	2009 12 01.0	04 28.69 +00 31.4 20.2	-0.95	- 0.4	7.4/28.9	22774
2004 QC ₇	2009 12 01.0	04 28.71 -06 27.2 19.1	-0.95	+ 4.4	11.9/29.9	97725
2006 HM ₉	2009 12 01.0	04 28.73 +05 31.2 20.6	-0.77	- 4.0	4.3/28.5	58527
2005 BD ₉	2009 12 01.0	04 28.74 +19 52.5 18.6	-0.92	+ 0.5	0.7/30.9	64240
2003 BY ₆₈	2009 12 01.0	04 28.75 +27 01.8 20.0	-1.19	- 0.9	2.1/01.6	47241
2005 WV ₁₉₅	2009 12 01.0	04 28.78 +15 54.9 20.1	-0.94	- 1.2	2.0/30.4	22804
2005 QW ₁₀₉	2009 12 01.0	04 28.78 +22 17.9 21.4	-1.15	- 2.7	0.2/01.2	09343
2007 CH ₂₉	2009 12 01.0	04 28.79 +18 14.0 20.1	-1.12	- 2.1	1.7/30.7	26245
2003 TC ₅₇	2009 12 01.1	04 28.71 +28 14.3 18.8	-0.93	- 5.4	2.0/02.2	41800
2003 SZ ₅₈	2009 12 01.1	04 28.72 +27 15.0 18.7	-0.94	- 4.6	1.9/02.0	58453
2004 FA ₁₆₅	2009 12 01.1	04 28.72 +22 45.5 19.9	-1.16	- 2.6	0.5/01.2	62390
2000 WB ₁₆₅	2009 12 01.1	04 28.73 +04 09.1 16.6	-1.21	+ 4.8	8.6/29.8	64158
2006 EO ₃₅	2009 12 01.1	04 28.77 +45 34.4 19.9	-1.24	+ 0.6	9.1/04.0	53487
2001 YK ₉₆	2009 12 01.1	04 28.82 +36 17.7 19.1	-1.16	- 3.4	5.9/03.0	47193
2005 YH ₂₇₅	2009 12 01.1	04 28.84 +31 03.5 19.3	-1.04	- 3.1	4.0/02.4	64285
2008 SQ ₂₁	2009 12 01.1	04 28.85 +07 05.5 21.1	-0.84	- 1.6	4.7/29.3	50221
2005 SD ₁₅₄	2009 12 01.1	04 28.85 +23 32.6 19.2	-1.04	- 3.3	0.9/01.4	22796
2003 SA ₂₁₉	2009 12 01.1	04 28.86 +41 38.2 19.7	-1.09	- 6.7	6.3/05.0	42652
2005 SG ₆₀	2009 12 01.1	04 28.87 +23 05.1 19.5	-1.12	- 1.4	0.6/01.3	62432
2001 HU ₁₈	2009 12 01.1	04 28.88 +11 50.6 22.6	-1.06	- 3.3	3.3/29.8	41079
2005 SP ₁₂₁	2009 12 01.1	04 28.90 +24 24.4 19.2	-0.99	- 4.4	1.3/01.5	97825

2007 EH ₁₆₇	2009 12 01.1	04 28.91 +35 25.1 19.7	-1.27	- 0.8	6.3/02.7	19436
2004 NP ₂₄	2009 12 01.1	04 28.93 +33 31.2 19.9	-1.17	- 4.0	4.4/03.0	70370
2007 GN ₆₇	2009 12 01.1	04 28.95 +24 43.6 21.2	-1.07	- 1.1	1.1/01.5	19501
2004 JO ₃₅	2009 12 01.1	04 28.95 +16 06.0 20.8	-1.09	- 3.1	2.1/30.4	47294
2003 GR ₅₆	2009 12 01.1	04 28.96 +20 03.9 20.6	-1.03	- 0.3	0.6/31.0	41115
2004 BW ₂₇	2009 12 01.1	04 28.99 +19 46.9 20.2	-1.19	- 1.4	0.9/30.9	12863
2008 FQ ₁₁₂	2009 12 01.1	04 29.00 +19 59.0 20.5	-1.24	- 0.1	0.8/31.0	41579
2007 CL ₂₅	2009 12 01.1	04 29.00 +18 22.0 19.6	-1.10	- 3.7	1.5/30.7	64306
2003 SP ₁₄₃	2009 12 01.1	04 29.04 +22 54.6 18.7	-0.88	- 4.8	0.4/01.3	60788
2003 WL ₇₀	2009 12 01.1	04 29.06 +35 54.9 20.1	-1.14	+ 3.1	4.0/02.2	43193
2003 UY ₂₄₈	2009 12 01.1	04 29.12 +30 20.7 20.2	-0.98	- 1.9	2.8/02.3	47275
2002 SQ ₅₃	2009 12 01.1	04 29.19 +35 26.2 20.0	-1.32	- 6.2	5.7/03.5	14672
2003 WT ₂₇	2009 12 01.1	04 29.19 +22 32.8 19.2	-0.86	- 5.4	0.2/01.3	64213
2000 DR ₆₇	2009 12 01.1	04 29.21 +27 12.4 20.1	-0.88	- 1.8	1.5/01.9	47143
2001 QP ₁₉₅	2009 12 01.2	04 29.16 +40 46.7 20.1	-1.29	- 7.0	7.7/04.8	97452
2007 DX ₃₆	2009 12 01.2	04 29.17 +25 47.2 19.0	-1.04	- 0.2	2.1/01.6	64308
2003 SY ₂₁₈	2009 12 01.2	04 29.30 +14 32.5 19.0	-0.86	- 4.2	2.4/30.2	62377
2008 KG ₂₇	2009 12 01.2	04 29.31 +12 56.3 21.9	-1.12	- 1.4	3.3/30.3	40225
2006 BJ ₅₄	2009 12 01.2	04 29.32 +09 45.4 20.8	-0.85	- 1.5	3.7/29.8	03843
2002 SV ₂₁	2009 12 01.2	04 29.34 +31 25.9 19.1	-1.26	- 0.5	4.7/02.3	37305
2005 XR ₆₅	2009 12 01.2	04 29.35 +30 04.7 19.3	-1.10	- 7.7	3.6/03.0	01162
2004 RW ₁₀₀	2009 12 01.2	04 29.36 +26 18.9 19.4	-1.02	- 3.0	1.8/01.8	40688
2005 US ₅₂	2009 12 01.2	04 29.38 +33 49.0 19.1	-1.37	+ 6.4	5.6/01.7	63737
2007 GR ₄₈	2009 12 01.2	04 29.40 +12 19.1 19.9	-0.99	- 5.0	3.6/29.8	59793
2007 JJ ₂₂	2009 12 01.2	04 29.41 +11 29.8 20.9	-0.99	+ 0.8	3.3/30.3	21367
2000 HS ₁₇	2009 12 01.2	04 29.46 +22 05.3 21.4	-1.11	- 2.6	0.1/01.3	41755
2003 UD ₅₃	2009 12 01.2	04 29.49 +26 44.3 18.9	-0.92	- 4.7	1.6/02.0	47269
2007 BE ₄₅	2009 12 01.2	04 29.51 +02 51.0 20.5	-1.04	- 1.1	7.4/29.1	43272
2007 DY ₅₁	2009 12 01.2	04 29.51 +22 10.1 20.5	-1.11	- 4.0	0.1/01.3	16099
2007 GU ₃₀	2009 12 01.2	04 29.51 +25 19.8 20.8	-0.99	- 1.1	1.2/01.7	21210
2006 HV ₁₃₃	2009 12 01.2	04 29.52 +28 41.3 20.2	-0.95	- 1.2	2.2/02.1	46475
2004 VQ ₅₅	2009 12 01.2	04 29.55 +29 50.5 18.2	-1.01	- 2.0	3.0/02.3	59095
2007 DS ₄₈	2009 12 01.2	04 29.58 +42 57.8 19.2	-1.33	- 3.8	8.5/04.8	31521
2000 WM ₉₀	2009 12 01.2	04 29.61 +21 50.5 18.8	-1.03	+ 0.5	0.0/01.3	64157
2005 TT ₁₃₅	2009 12 01.2	04 29.61 +33 15.2 20.8	-1.29	- 0.0	4.5/02.4	33464
2001 YL ₁₀₀	2009 12 01.2	04 29.64 +11 00.8 19.0	-1.08	+ 3.8	4.5/30.7	17984
2007 EJ ₇₈	2009 12 01.2	04 29.65 +18 17.8 21.9	-1.00	- 1.9	1.2/30.9	22881
2001 TR ₂₀₃	2009 12 01.2	04 29.70 +48 29.3 21.1	-1.60	+ 1.8	9.0/03.9	87483
2002 SL ₇₂	2009 12 01.3	04 29.57 +40 41.5 20.3	-1.05	- 1.4	5.2/03.7	46000
2000 CK ₁₀₆	2009 12 01.3	04 29.58 +17 23.0 21.1	-0.84	- 1.4	1.2/30.8	22374
2005 SW ₃₁	2009 12 01.3	04 29.60 +21 26.5 19.3	-1.11	- 0.4	0.2/01.3	18122
2004 SN ₂₃	2009 12 01.3	04 29.61 +17 12.9 20.5	-0.94	- 2.8	1.6/30.7	20802
2005 UZ ₄₄₈	2009 12 01.3	04 29.62 +24 53.9 21.0	-1.10	- 2.7	1.1/01.7	47358
2006 AL ₄₁	2009 12 01.3	04 29.64 +26 55.9 20.9	-1.01	- 2.4	1.8/02.0	47374
2004 FZ ₁₄₁	2009 12 01.3	04 29.66 +30 56.5 19.1	-1.23	- 0.9	4.5/02.3	18069
2002 AE ₁₃₀	2009 12 01.3	04 29.68 +57 31.8 19.0	-1.77	- 5.8	18.9/09.2	17989
2007 EU ₁₀₀	2009 12 01.3	04 29.69 +21 21.3 19.7	-1.10	- 1.6	0.2/01.3	62512
2002 VY ₉₃	2009 12 01.3	04 29.70 +26 39.5 19.4	-1.22	- 2.6	2.1/01.9	39178
2007 HK ₆	2009 12 01.3	04 29.71 +15 23.3 20.4	-0.96	- 0.3	2.0/30.7	62519
2004 TO ₁₉₉	2009 12 01.3	04 29.76 +34 12.8 20.0	-1.14	+ 0.5	4.0/02.6	43218
2001 XU ₂₄₈	2009 12 01.3	04 29.78 +23 00.7 19.3	-0.94	- 5.3	0.6/01.5	64175

1997 SY ₂₇	2009 12 01.3	04 29.79 +30 37.8 20.8	-1.15	- 2.4	3.2/02.4	22364
2007 EJ ₁₁	2009 12 01.3	04 29.80 +25 03.7 21.9	-1.09	- 1.7	1.1/01.7	19709
2007 ES ₆₄	2009 12 01.3	04 29.85 +39 38.3 21.0	-1.28	0.0	6.5/03.3	19400
2003 UF ₆₁	2009 12 01.3	04 29.86 +05 35.6 19.6	-0.83	- 0.6	5.2/29.6	58458
2006 FJ ₅₃	2009 12 01.3	04 29.87 +26 01.2 20.7	-0.92	- 0.7	1.3/01.8	47403
2001 SX ₃₅₄	2009 12 01.3	04 29.88 +10 18.9 19.9	-0.98	- 0.7	5.4/30.2	60295
2005 TL ₁₆₉	2009 12 01.3	04 29.89 +21 30.1 21.2	-1.10	- 3.0	0.1/01.3	03749
2001 FR ₆₉	2009 12 01.3	04 29.91 +11 03.9 20.5	-1.10	- 1.6	4.0/30.2	04148
2008 QO ₃	2009 12 01.3	04 29.92 +26 46.4 20.6	-0.90	- 1.8	1.6/02.0	46606
2007 HL ₇₈	2009 12 01.3	04 30.01 +06 24.4 21.4	-0.88	- 2.0	4.6/29.4	47432
2004 FN ₃₅	2009 12 01.3	04 30.03 +28 27.7 19.5	-1.22	- 0.8	2.6/02.1	57402
2001 YG ₄	2009 12 01.3	04 30.03 +36 28.8 21.1	-1.14	- 9.0	6.4/04.2	94414
2007 EB ₄₈	2009 12 01.3	04 30.06 +33 30.0 21.0	-1.09	- 0.5	3.6/02.7	43275
2003 SJ ₁₃₂	2009 12 01.3	04 30.07 +34 47.3 19.6	-1.03	+ 0.3	4.0/02.7	60788
2004 FS ₆₆	2009 12 01.3	04 30.09 +24 23.8 19.6	-1.18	- 0.9	1.0/01.7	40122
2008 HN ₂₁	2009 12 01.3	04 30.10 +20 07.9 19.3	-1.23	+ 0.9	0.8/01.3	64332
2001 YJ ₁₅	2009 12 01.4	04 30.00 +18 00.4 19.6	-1.02	+ 1.1	1.8/01.1	64176
2004 XB ₉₈	2009 12 01.4	04 30.00 +22 27.7 19.5	-0.94	- 0.8	0.2/01.5	02232
2003 SJ ₁₅₈	2009 12 01.4	04 30.01 +44 21.3 20.8	-1.23	+ 0.4	7.9/04.2	97675
2008 OF ₈	2009 12 01.4	04 30.01 +21 24.3 21.2	-0.98	- 2.7	0.1/01.3	42981
2004 SG ₅₅	2009 12 01.4	04 30.01 +41 57.8 21.2	-1.26	- 0.9	6.7/03.8	41816
2003 FQ ₉₃	2009 12 01.4	04 30.03 +55 01.1 20.4	-1.69	+ 2.3	9.9/04.5	59697
2004 PG ₈₄	2009 12 01.4	04 30.03 +36 32.4 20.5	-1.16	- 5.7	5.0/03.9	97722
2004 OD ₁₁	2009 12 01.4	04 30.06 -24 13.3 20.1	-1.05	+ 5.1	15.0/30.5	15796
2003 UK ₂₃₅	2009 12 01.4	04 30.10 +09 21.4 21.2	-0.82	- 4.2	3.6/29.6	47274
2007 HK ₂₆	2009 12 01.4	04 30.11 +08 01.4 20.6	-0.82	- 5.4	4.2/29.2	47431
2002 BW ₁₇	2009 12 01.4	04 30.12 +12 02.1 19.7	-0.97	- 0.5	4.2/30.4	40673
2008 KR ₃₁	2009 12 01.4	04 30.14 +12 47.1 21.7	-1.10	- 2.5	3.5/30.4	41686
2003 SE ₃₁₃	2009 12 01.4	04 30.15 +27 37.0 19.5	-0.92	- 4.6	1.9/02.3	43183
2001 YE ₁₁₃	2009 12 01.4	04 30.17 +22 35.4 20.0	-1.09	- 1.3	0.3/01.5	62335
2008 HZ ₂₀	2009 12 01.4	04 30.17 +18 17.5 21.4	-1.19	- 0.2	1.4/01.1	40216
2006 BQ ₆₀	2009 12 01.4	04 30.19 +36 42.2 19.7	-1.06	- 2.4	5.2/03.5	47378
2004 FG ₂₇	2009 12 01.4	04 30.21 +32 42.6 20.0	-1.28	- 1.3	4.4/02.6	14717
2005 SX ₇₄	2009 12 01.4	04 30.23 +17 44.4 20.6	-1.08	- 2.9	1.8/30.9	21829
2008 RQ ₁₁₅	2009 12 01.4	04 30.24 +25 23.9 20.9	-0.98	- 2.2	1.1/01.9	50203
2004 PK ₇₁	2009 12 01.4	04 30.29 +13 57.0 20.4	-1.00	- 1.1	2.7/30.6	40687
2001 RS ₄₂	2009 12 01.4	04 30.29 +07 14.9 21.3	-1.01	- 3.3	4.9/29.6	88869
2007 GX ₂₉	2009 12 01.4	04 30.32 +11 02.8 19.8	-0.96	- 3.9	3.8/29.9	47428
2003 EP ₃	2009 12 01.4	04 30.40 +12 23.6 18.5	-1.03	- 0.6	4.4/30.5	64201
2003 UL ₄₉	2009 12 01.4	04 30.40 +26 22.3 19.8	-0.91	- 4.8	1.4/02.2	59713
2005 OC ₂₉	2009 12 01.4	04 30.45 +17 59.4 19.5	-1.11	- 0.2	1.8/01.1	24031
2005 TA ₁₈₀	2009 12 01.4	04 30.45 +11 27.9 19.0	-1.06	+ 3.8	4.1/30.9	20818
2007 CN ₅₇	2009 12 01.4	04 30.49 +28 45.1 19.4	-1.25	+ 1.2	3.3/02.0	24510
2007 DA ₄₂	2009 12 01.4	04 30.53 +32 24.2 20.0	-1.18	- 2.9	3.9/02.9	60888
2007 JJ ₁₂	2009 12 01.5	04 30.45 +07 00.8 20.6	-0.84	- 0.8	4.3/29.8	43283
2007 EM ₅₁	2009 12 01.5	04 30.48 +24 13.8 19.4	-1.02	- 1.2	0.9/01.8	62511
2004 TK ₁₄₇	2009 12 01.5	04 30.50 +20 57.2 19.3	-0.96	- 3.6	0.3/01.4	62407
2005 WC ₃₁	2009 12 01.5	04 30.53 +24 36.0 19.5	-1.08	- 1.3	1.1/01.8	62460
2001 SZ ₃₄₉	2009 12 01.5	04 30.58 +21 16.3 19.8	-1.10	- 1.1	0.2/01.5	14628
2001 TM ₁₇₃	2009 12 01.5	04 30.58 +19 10.0 21.0	-1.09	- 2.1	1.0/01.2	40096
2001 SJ ₂₂₉	2009 12 01.5	04 30.60 +21 18.5 19.9	-1.10	- 1.4	0.2/01.5	17952

2005 SY ₂₂₄	2009 12 01.5	04 30.68 +20 27.5 18.7	-1.08	0.0	0.7/01.4	62437
2006 JP ₁₄	2009 12 01.5	04 30.68 +30 32.7 19.9	-1.07	+ 2.8	3.1/02.1	09562
2006 HU ₂₃	2009 12 01.5	04 30.70 +19 56.5 22.0	-0.85	- 1.4	0.6/01.3	01637
2005 QY ₂₅	2009 12 01.5	04 30.71 +18 09.6 20.9	-1.11	- 1.3	1.6/01.2	33452
2006 AA ₁₀₁	2009 12 01.5	04 30.75 +16 34.8 19.4	-0.94	- 1.7	2.3/30.9	09494
2008 QC ₂₅	2009 12 01.5	04 30.76 +32 00.2 20.5	-1.07	- 1.3	3.2/03.0	46624
2005 UC ₂₃₀	2009 12 01.5	04 30.80 +20 24.9 20.8	-1.09	- 1.3	0.5/01.4	14768
2005 AO ₁₆	2009 12 01.5	04 30.88 +18 24.3 19.3	-0.88	- 1.3	1.1/01.2	58488
2006 BL ₁₁	2009 12 01.5	04 30.88 +42 33.4 19.6	-1.23	- 2.4	7.4/04.1	02271
2001 SF ₃₂₀	2009 12 01.5	04 30.93 +19 15.1 20.2	-1.09	- 1.5	1.1/01.3	40095
2005 WN ₂₇	2009 12 01.5	04 30.93 +24 43.4 19.4	-1.09	- 0.3	1.3/01.9	64274
2005 AZ ₈₁	2009 12 01.5	04 30.94 +26 48.2 19.6	-1.06	+ 2.5	1.6/01.9	64240
2005 RJ ₄₂	2009 12 01.5	04 30.95 +29 27.1 19.0	-1.11	- 1.8	3.7/02.5	21824
2004 TY ₃₇	2009 12 01.6	04 30.86 +07 46.2 21.3	-0.89	- 4.0	4.3/29.6	41816
2007 HZ ₂₃	2009 12 01.6	04 30.87 +15 38.0 20.3	-0.92	- 3.4	2.2/30.8	43281
2007 BG ₄₀	2009 12 01.6	04 30.89 +32 16.8 20.8	-1.16	- 3.4	3.4/03.0	47417
2007 JH ₂₁	2009 12 01.6	04 30.90 +21 55.7 19.6	-1.02	- 5.4	0.0/01.6	47434
2007 HR ₈	2009 12 01.6	04 30.90 +24 58.7 21.0	-1.02	- 2.2	1.1/02.0	47430
1997 AB ₁₀	2009 12 01.6	04 30.92 +12 46.0 20.2	-0.95	- 1.1	3.6/30.6	21102
2003 UJ ₂₁₆	2009 12 01.6	04 30.93 +29 12.9 19.8	-0.95	- 2.0	2.6/02.6	02187
2005 QD ₄₄	2009 12 01.6	04 30.93 +18 36.8 20.1	-1.08	- 1.8	1.5/01.3	90228
2001 TA ₂₂₄	2009 12 01.6	04 30.95 +30 40.2 20.2	-1.16	- 1.4	3.2/02.6	43132
2000 SW ₁₂₄	2009 12 01.6	04 30.95 +35 31.9 19.1	-1.25	+ 2.0	5.2/03.0	60732
2003 KR ₃	2009 12 01.6	04 30.98 +33 55.9 20.9	-1.24	+ 2.4	3.9/02.5	20780
2002 PL ₃₂	2009 12 01.6	04 30.98 +15 07.6 19.9	-1.16	- 2.6	2.7/30.8	16217
2006 EC ₆₀	2009 12 01.6	04 30.99 +08 49.1 20.4	-0.83	- 3.4	4.2/29.8	48999
2007 EG ₇₃	2009 12 01.6	04 30.99 +18 39.1 20.7	-1.10	- 1.5	1.2/01.3	58565
2007 HP ₇₄	2009 12 01.6	04 31.00 +11 31.6 19.4	-0.86	- 4.2	3.6/30.1	59522
2003 TX ₄₉	2009 12 01.6	04 31.01 -07 10.3 19.5	-0.82	- 0.3	9.4/28.5	64211
2005 SC ₁₇₀	2009 12 01.6	04 31.01 +13 28.7 18.0	-0.90	- 7.4	3.6/30.2	63729
2005 UR ₂₂₃	2009 12 01.6	04 31.03 +22 50.6 20.1	-1.09	- 3.9	0.4/01.8	17617
2005 UZ ₂₃	2009 12 01.6	04 31.03 +18 46.4 19.9	-1.07	- 4.7	1.3/01.2	64261
2005 CV ₁₂	2009 12 01.6	04 31.04 +24 32.4 19.1	-0.92	- 6.4	0.9/02.1	21348
2004 ED ₄₁	2009 12 01.6	04 31.05 +29 01.7 19.2	-1.23	- 0.9	3.4/02.4	58473
2006 FF ₃₈	2009 12 01.6	04 31.06 +19 43.7 20.6	-0.86	- 1.3	0.6/01.4	47402
2001 XB ₇₅	2009 12 01.6	04 31.06 +10 32.0 18.9	-0.99	+ 0.1	5.0/30.5	19558
2008 SJ ₂₃₀	2009 12 01.6	04 31.12 +07 27.6 21.6	-0.79	- 3.3	3.7/29.6	57499
2004 RH ₁₀₂	2009 12 01.6	04 31.13 +23 51.0 20.4	-1.02	- 3.2	0.7/01.9	41811
2002 TY ₄₃	2009 12 01.6	04 31.14 +15 38.9 18.6	-1.04	- 3.9	3.1/30.8	64193
2003 UL ₂₅₃	2009 12 01.6	04 31.14 +09 57.4 18.5	-0.98	+ 5.1	4.3/01.2	60790
1998 UQ ₁₇	2009 12 01.6	04 31.15 +32 11.2 18.6	-1.17	- 4.5	4.8/03.2	59648
2005 TE ₁₂₈	2009 12 01.6	04 31.20 +22 03.4 21.6	-1.12	- 2.4	0.1/01.7	01013
2007 EX ₂₀₇	2009 12 01.6	04 31.22 +19 33.7 21.3	-0.95	- 2.4	0.7/01.4	49018
2001 OJ ₄₁	2009 12 01.6	04 31.27 +28 34.7 20.4	-1.22	- 0.3	2.6/02.3	97442
2008 MD	2009 12 01.6	04 31.28 +13 28.3 20.7	-1.08	- 4.2	3.4/30.6	43302
2003 US ₂₆₆	2009 12 01.6	04 31.29 +28 59.6 19.6	-0.99	+ 1.6	2.1/02.3	47275
2000 WS ₇₃	2009 12 01.6	04 31.30 +33 01.3 19.3	-1.18	+ 0.6	3.9/03.0	68834
1999 KP ₃	2009 12 01.6	04 31.31 +13 51.7 21.2	-0.95	- 5.9	2.6/30.4	47783
2000 SL ₂₀	2009 12 01.6	04 31.33 +26 10.1 18.0	-1.00	- 8.4	1.8/02.5	59657
2007 CY	2009 12 01.6	04 31.33 +09 08.5 20.0	-1.06	- 1.4	5.2/30.3	40175
2004 TA ₁₁₅	2009 12 01.6	04 31.36 -05 11.3 20.2	-0.95	+ 1.2	9.4/29.7	59743

2002 KG ₁₆	2009 12 01.6	04 31.36 +10 20.1 19.5	-0.85 + 0.9	3.2/30.6	59393
2000 SK ₁₃₆	2009 12 01.6	04 31.36 +24 16.8 18.7	-0.96 - 4.3	1.1/02.0	97398
2004 JQ ₂₃	2009 12 01.6	04 31.38 +22 05.9 20.4	-1.07 - 3.1	0.1/01.7	40685
2005 MV ₁₅	2009 12 01.7	04 31.29 +15 28.8 20.5	-1.16 - 0.6	2.7/01.1	39214
2005 XK ₃₁	2009 12 01.7	04 31.29 +16 33.6 20.1	-1.00 - 2.0	2.1/01.1	96618
2001 SA ₃₂₄	2009 12 01.7	04 31.31 +26 22.2 20.1	-1.11 - 4.2	2.1/03.0	10804
2006 AS ₄	2009 12 01.7	04 31.36 +30 49.7 20.3	-1.03 - 2.1	3.0/02.8	47372
2008 ON ₁₁	2009 12 01.7	04 31.37 +33 36.3 21.1	-1.07 - 3.4	3.5/03.4	47448
2005 QN ₁₃	2009 12 01.7	04 31.40 +27 30.3 19.8	-1.20 - 3.3	2.5/03.0	90223
2001 WD ₁	2009 12 01.7	04 31.41 +25 59.3 18.1	-2.00 +18.6	2.2/01.4	64171
2005 UX	2009 12 01.7	04 31.43 +17 45.8 19.4	-1.12 - 0.3	1.9/01.3	97871
2005 SA ₂₇₁	2009 12 01.7	04 31.44 +19 07.3 19.9	-1.15 + 0.6	1.2/01.5	40144
2005 YS ₂₆₅	2009 12 01.7	04 31.45 +25 06.8 21.0	-1.03 - 2.2	1.2/02.1	20833
2005 OQ ₁₂	2009 12 01.7	04 31.46 +29 51.1 20.8	-1.25 - 2.8	3.2/03.0	90219
2005 SC ₅₀	2009 12 01.7	04 31.49 +18 32.1 19.9	-1.08 - 3.0	1.4/01.3	41827
2007 HB ₃₅	2009 12 01.7	04 31.51 +30 05.8 21.1	-1.11 - 0.3	2.8/02.6	20640
2004 NU ₂₄	2009 12 01.7	04 31.52 +41 51.9 20.0	-1.23 - 2.9	6.8/04.7	59726
2004 RT ₁₅₉	2009 12 01.7	04 31.52 +44 59.8 19.8	-1.29 - 3.1	7.6/05.4	39747
2005 YO ₁₇₂	2009 12 01.7	04 31.55 +38 17.0 18.9	-1.24 + 1.9	7.1/03.1	64284
2004 RH ₂₅	2009 12 01.7	04 31.55 +20 59.2 20.3	-1.01 - 2.8	0.3/01.6	62396
1994 WK ₄	2009 12 01.7	04 31.56 +13 35.0 19.1	-1.10 + 2.9	4.0/01.2	21748
2008 ON ₂₀	2009 12 01.7	04 31.57 +25 35.0 20.2	-0.99 - 2.8	1.3/02.2	46593
2005 YU ₁₀₈	2009 12 01.7	04 31.57 +17 47.2 20.9	-1.00 - 1.6	1.7/01.3	96766
2006 GG ₂	2009 12 01.7	04 31.58 +18 58.1 20.3	-0.88 - 0.7	0.9/01.4	47403
2002 FW ₃₈	2009 12 01.7	04 31.63 +21 05.6 19.0	-1.03 - 0.1	0.3/01.7	64184
2005 YZ ₁₅₁	2009 12 01.7	04 31.65 +23 37.1 19.3	-1.00 - 3.8	0.7/02.0	40159
2004 RM ₁₀₄	2009 12 01.7	04 31.68 +00 58.6 19.3	-0.86 - 6.1	8.7/28.3	74338
2008 SY ₁₈	2009 12 01.7	04 31.75 +01 13.2 20.0	-0.90 - 2.8	7.1/28.9	46721
2007 BY ₂₆	2009 12 01.7	04 31.77 +33 03.3 19.7	-1.24 - 4.8	5.1/03.4	22870
2007 BQ ₇₅	2009 12 01.7	04 31.78 +33 30.6 20.4	-1.26 - 3.9	4.8/03.3	24145
2004 ST ₃₁	2009 12 01.7	04 31.79 +26 11.9 20.2	-1.02 - 2.5	1.7/02.3	97747
2006 HN ₂₈	2009 12 01.8	04 31.72 +00 21.2 21.8	-0.80 - 1.3	6.1/29.0	02322
2002 TE ₂₈₃	2009 12 01.8	04 31.74 +30 17.5 18.1	-1.01 - 6.5	4.6/03.3	64194
2006 BO ₁₀₇	2009 12 01.8	04 31.79 +17 26.5 19.6	-0.97 - 1.2	1.7/01.3	40700
2004 TA ₂₃₈	2009 12 01.8	04 31.80 +31 43.6 20.2	-1.10 - 0.1	3.1/03.0	42725
2005 WO ₅₁	2009 12 01.8	04 31.83 +23 09.5 19.9	-1.06 - 1.6	0.5/02.0	20825
2004 FV ₁₁₂	2009 12 01.8	04 31.84 +11 31.7 20.2	-1.10 - 0.5	4.8/30.8	20790
2004 RL ₃₅₆	2009 12 01.8	04 31.89 +23 17.4 20.7	-0.99 - 2.6	0.5/02.0	40388
2005 QY ₁₀₃	2009 12 01.8	04 31.91 +12 03.2 18.7	-0.90 - 4.7	5.1/30.4	64249
2005 OS ₃	2009 12 01.8	04 31.93 +27 06.9 18.2	-1.21 + 2.1	2.7/03.0	64245
2002 NK ₃₄	2009 12 01.8	04 31.93 -01 28.5 20.6	-0.79 - 0.2	6.1/29.4	21318
2008 RK ₁₁₇	2009 12 01.8	04 31.98 +09 52.0 20.4	-0.80 - 2.9	3.6/30.2	50205
2001 XE ₁₃₈	2009 12 01.8	04 31.99 +19 28.3 19.1	-1.00 - 8.0	1.0/01.4	64174
2007 BO ₃₁	2009 12 01.8	04 32.02 +07 04.0 21.4	-1.06 - 1.0	5.6/30.3	41859
2005 YQ ₂₈₈	2009 12 01.8	04 32.04 +26 56.7 18.4	-1.13 - 3.8	2.2/03.0	59770
2005 AS ₅₉	2009 12 01.8	04 32.06 +32 28.7 20.3	-0.95 - 3.1	3.4/03.3	48571
2000 SU ₃₁₆	2009 12 01.8	04 32.07 +19 20.6 19.6	-1.00 - 6.3	0.9/01.5	64156
2005 WC ₁₈	2009 12 01.8	04 32.07 +22 02.2 18.9	-1.02 - 6.3	0.1/01.9	96445
2001 FF ₁₂₀	2009 12 01.8	04 32.08 +34 41.8 21.0	-1.03 - 0.1	3.9/03.2	47165
2007 EJ ₈	2009 12 01.8	04 32.10 +12 10.1 20.8	-1.00 - 2.9	3.6/30.6	62509
2004 TQ ₂₃₄	2009 12 01.8	04 32.11 +27 03.2 20.6	-1.03 - 0.7	1.9/02.4	03642

2001 XT ₁₈₈	2009 12 01.8	04 32.11 +17 19.8 19.0	-0.99 - 1.0	2.1/01.4	64174
2007 GF ₄₂	2009 12 01.8	04 32.12 +21 41.9 21.7	-0.90 - 2.2	0.1/01.9	47428
2001 XE ₁₉₃	2009 12 01.8	04 32.15 -10 57.9 19.7	-1.36 + 7.9	14.9/01.4	59074
2004 SR ₅₅	2009 12 01.8	04 32.15 +21 29.0 19.9	-0.97 - 3.3	0.2/01.8	62403
2003 WG ₁₅	2009 12 01.8	04 32.21 +23 46.0 20.3	-0.90 - 0.6	0.6/02.1	63671
1999 TU ₂₁₉	2009 12 01.9	04 32.16 +29 24.8 18.9	-0.91 - 4.1	3.7/03.1	72005
2005 YL ₂₂₉	2009 12 01.9	04 32.16 -01 47.8 20.3	-0.84 + 1.5	6.5/29.7	21353
2000 AN ₂₂₁	2009 12 01.9	04 32.20 +14 24.5 19.5	-1.14 + 2.4	3.7/01.4	58399
2007 LC ₅	2009 12 01.9	04 32.21 +00 19.6 22.8	-0.76 - 1.5	5.4/29.3	21371
2006 BQ ₁₅₇	2009 12 01.9	04 32.22 +08 07.7 20.4	-0.84 - 1.2	4.1/30.3	47382
2000 QJ ₁₇₉	2009 12 01.9	04 32.23 +27 21.3 20.7	-1.11 - 1.7	1.9/03.0	17916
2003 QK ₇₅	2009 12 01.9	04 32.24 +25 36.0 18.7	-0.94 - 3.7	1.3/02.4	47254
2003 SJ ₂₇₇	2009 12 01.9	04 32.27 +33 07.5 19.5	-0.98 - 2.7	3.4/03.5	54106
2007 EC ₁₇₂	2009 12 01.9	04 32.29 +12 24.1 19.3	-0.91 - 3.0	3.2/30.7	20857
2005 TU ₁₀₂	2009 12 01.9	04 32.30 +21 57.8 20.1	-1.06 - 3.0	0.0/01.9	03744
2007 GM ₃₇	2009 12 01.9	04 32.31 +17 44.4 20.3	-0.92 - 1.8	1.4/01.4	43280
2002 PU ₉₈	2009 12 01.9	04 32.32 +09 28.8 19.7	-1.13 0.0	5.7/30.9	39169
2008 RY ₁₂₁	2009 12 01.9	04 32.33 +21 00.6 20.7	-0.87 - 3.0	0.3/01.8	58157
2005 UN ₁₉₀	2009 12 01.9	04 32.33 +21 15.9 20.3	-1.09 - 2.9	0.2/01.9	19662
2006 UE ₂₆₂	2009 12 01.9	04 32.34 +22 38.6 18.0	-1.09 - 6.6	0.4/02.1	63802
2004 RO ₃₂₆	2009 12 01.9	04 32.35 +13 12.1 20.4	-0.94 - 3.7	3.0/30.8	47311
2007 HU ₃	2009 12 01.9	04 32.38 +21 10.7 21.4	-1.02 + 1.4	0.2/01.9	21364
2004 TU ₃₅₈	2009 12 01.9	04 32.41 +16 14.1 19.7	-0.95 - 0.9	2.2/01.3	41820
2004 PS ₁₀₂	2009 12 01.9	04 32.42 +06 27.1 21.0	-0.92 - 3.2	5.0/30.0	40687
2004 GY ₆₆	2009 12 01.9	04 32.42 +20 47.7 19.0	-1.10 - 4.4	0.6/01.8	64218
2004 RH ₂₁₀	2009 12 01.9	04 32.47 +19 59.3 19.3	-0.98 - 6.6	0.7/01.6	18092
2004 RQ ₂₉₂	2009 12 01.9	04 32.52 +18 27.0 20.0	-1.01 - 0.2	1.2/01.6	97743
2001 RY ₁₁₇	2009 12 01.9	04 32.52 +23 37.9 19.3	-1.10 - 2.1	0.8/02.2	62317
2006 HQ ₇₅	2009 12 01.9	04 32.54 +08 18.8 20.9	-0.85 - 0.3	4.1/30.5	58528
2005 SV ₁₁₇	2009 12 01.9	04 32.55 +31 35.8 19.5	-1.28 + 2.4	4.3/02.7	34880
2002 AR ₂₀₃	2009 12 01.9	04 32.60 +26 54.3 19.7	-1.03 - 3.3	2.2/02.6	94546
2005 SE ₆₃	2009 12 01.9	04 32.63 +21 01.1 20.7	-1.15 - 3.0	0.4/01.9	37425
2007 GY ₄₇	2009 12 02.0	04 32.58 +12 13.0 20.2	-0.86 - 4.2	3.3/30.6	64319
2006 DW ₁₆₁	2009 12 02.0	04 32.59 +21 14.4 20.9	-0.88 - 1.4	0.2/01.9	47396
2001 SC ₃₃₁	2009 12 02.0	04 32.60 +25 26.8 20.5	-1.07 - 2.2	1.7/02.4	94120
2000 SF ₅₁	2009 12 02.0	04 32.62 +08 25.3 19.4	-0.94 - 5.7	5.4/30.0	99972
2005 GD ₁₀₃	2009 12 02.0	04 32.63 +30 23.7 20.3	-1.39 - 0.8	3.5/03.0	86703
2003 HS ₅₀	2009 12 02.0	04 32.66 +13 50.1 20.7	-0.94 - 1.3	2.4/01.1	59699
2005 QX ₁₃₅	2009 12 02.0	04 32.68 +18 17.4 20.5	-1.11 - 1.8	1.6/01.6	97799
2005 YS ₂₀₀	2009 12 02.0	04 32.69 +16 14.3 20.3	-0.96 - 0.6	2.0/01.4	43249
2008 SB ₁₄₈	2009 12 02.0	04 32.70 +22 57.6 20.0	-0.60 - 1.0	0.2/02.2	58616
2005 SL ₁₇₃	2009 12 02.0	04 32.71 +32 49.5 20.9	-1.24 - 2.4	4.2/03.4	04349
2005 MF ₃₀	2009 12 02.0	04 32.78 +20 13.0 19.7	-1.15 - 4.0	0.7/01.8	62421
2005 QS ₆₇	2009 12 02.0	04 32.80 +26 26.0 19.2	-1.10 - 0.7	2.2/02.5	64248
2006 BB ₁₂₅	2009 12 02.0	04 32.80 +28 18.6 20.7	-1.01 - 1.8	2.2/02.8	43255
2002 EY ₂₀	2009 12 02.0	04 32.81 +13 10.1 19.9	-0.97 + 0.1	2.8/01.2	94683
2006 DE ₁₅₇	2009 12 02.0	04 32.84 +08 05.5 20.9	-0.81 - 1.4	3.9/30.4	47396
2007 GY ₂₀	2009 12 02.0	04 32.85 +19 37.6 20.3	-0.93 - 2.2	0.8/01.8	64318
2001 YO ₁₆₁	2009 12 02.0	04 32.85 +15 49.3 20.0	-1.02 - 0.3	2.1/01.5	19563
2008 KO ₁	2009 12 02.0	04 32.88 +11 11.8 20.4	-1.08 - 0.5	4.5/01.1	47446
2006 DA ₂₄	2009 12 02.0	04 32.91 +18 14.1 19.6	-0.89 - 1.2	1.2/01.6	43259

2008 HG ₃₅	2009 12 02.0	04 32.92 -08 55.1 20.8	-1.13	-12.7	15.1/24.4	41650
2008 OY ₁₀	2009 12 02.0	04 32.94 +22 25.1 19.8	-0.96	- 3.8	0.2/02.1	47448
2005 QA ₄₉	2009 12 02.0	04 32.97 +19 07.0 18.9	-1.07	+ 0.5	1.4/01.8	64248
2001 SN ₂₈₇	2009 12 02.0	04 32.97 -03 26.2 19.5	-1.16	-13.3	13.2/26.6	62320
2004 RG ₃₃₃	2009 12 02.0	04 32.98 +61 45.4 20.7	-1.95	+ 1.5	12.3/07.0	43212
2005 QX ₁₆₁	2009 12 02.0	04 32.98 +22 34.6 20.5	-1.20	- 0.7	0.3/02.1	12902
2004 RC ₂₁₇	2009 12 02.0	04 32.99 +17 58.9 18.3	-0.94	- 7.8	1.5/01.4	64226
2004 EE ₁₄	2009 12 02.0	04 33.05 +22 27.5 19.6	-1.20	- 0.1	0.2/02.1	64216
2003 UW ₁₀₅	2009 12 02.0	04 33.06 +18 58.0 18.6	-0.87	- 9.2	1.1/01.5	64212
2005 YX ₁	2009 12 02.0	04 33.09 +15 59.2 17.1	-1.75	+19.3	3.0/03.0	64280
2007 DS ₃₇	2009 12 02.1	04 33.02 +21 04.7 20.4	-1.12	- 2.7	0.4/02.0	22877
2007 HW ₄₅	2009 12 02.1	04 33.03 +29 45.1 20.4	-0.98	+ 0.5	2.2/03.0	47431
2007 HU ₃₁	2009 12 02.1	04 33.04 +22 46.3 20.4	-0.96	- 3.1	0.3/02.2	47431
2001 SN ₇₅	2009 12 02.1	04 33.07 +61 10.6 20.0	-2.28	+ 2.0	20.6/07.3	13794
2004 RF ₁₀₀	2009 12 02.1	04 33.11 +19 21.5 19.5	-0.99	- 3.0	1.0/01.8	64224
2005 XP ₁	2009 12 02.1	04 33.11 +21 16.2 20.2	-1.11	+ 1.4	0.2/02.1	59767
2003 QP ₇₅	2009 12 02.1	04 33.12 +24 41.6 19.6	-0.94	- 2.9	0.9/02.5	59703
2002 AP ₄₀	2009 12 02.1	04 33.13 +27 52.5 19.3	-1.01	- 6.5	2.8/03.1	94480
2005 SE ₁₁₀	2009 12 02.1	04 33.14 +17 43.3 20.2	-1.11	- 2.1	1.8/01.7	95846
2000 DF ₁₇	2009 12 02.1	04 33.19 -17 54.5 21.3	-1.05	- 2.9	14.4/24.6	43103
2005 YG ₅₁	2009 12 02.1	04 33.19 +27 44.2 20.2	-1.01	- 3.4	2.0/03.0	55206
2005 QG ₁₈₃	2009 12 02.1	04 33.20 +13 24.9 20.6	-1.11	- 0.8	3.3/01.3	40139
2006 BV ₁₇₃	2009 12 02.1	04 33.20 +18 38.9 19.0	-1.10	+ 2.7	1.3/01.9	19689
2005 UK ₁₁₅	2009 12 02.1	04 33.25 +17 22.5 19.8	-0.99	- 5.7	2.1/01.4	18141
2001 UP ₈₇	2009 12 02.1	04 33.25 +28 00.4 20.8	-1.14	- 2.4	2.2/03.0	17964
2004 TQ ₁₃₀	2009 12 02.1	04 33.26 +28 23.7 19.4	-1.11	+ 1.5	2.1/02.7	43216
2002 PV ₁₇₆	2009 12 02.1	04 33.28 -02 40.9 19.7	-0.82	+ 0.5	8.1/29.6	00320
1998 QA ₉₅	2009 12 02.1	04 33.29 +20 54.0 19.6	-1.14	- 4.3	0.4/02.0	62294
2005 QR ₁₇₇	2009 12 02.1	04 33.29 +33 45.4 20.8	-1.27	- 2.3	4.6/03.6	57427
2005 SH ₁₁₃	2009 12 02.1	04 33.29 +14 45.6 19.6	-1.04	- 3.7	3.4/01.2	64254
2008 JO ₂₉	2009 12 02.1	04 33.29 +10 23.3 20.2	-1.10	- 0.5	4.4/01.1	59134
2004 NE ₁₆	2009 12 02.1	04 33.31 +26 20.7 21.2	-1.08	- 3.5	1.4/03.0	66392
2005 UF ₅₁₂	2009 12 02.1	04 33.32 +28 57.9 18.9	-1.09	- 5.1	3.1/03.2	09437
2006 BM ₁₉₉	2009 12 02.1	04 33.32 +23 05.6 20.4	-0.94	- 2.4	0.4/02.3	47384
2006 EQ ₄₆	2009 12 02.1	04 33.37 +08 04.7 19.7	-0.88	- 0.1	6.5/30.7	11164
2001 XH ₃₁	2009 12 02.1	04 33.38 +04 38.6 18.7	-1.55	+12.7	8.5/03.0	35800
2005 YQ ₁₂₄	2009 12 02.1	04 33.42 +23 19.0 18.7	-1.08	+ 1.7	0.6/02.3	64283
2005 OE ₁₅	2009 12 02.1	04 33.43 +25 56.2 18.9	-1.21	- 1.5	1.9/03.0	59753
2005 AQ ₇	2009 12 02.1	04 33.43 +13 00.4 19.5	-0.88	+ 0.4	2.9/01.3	03652
2006 DL ₆₀	2009 12 02.1	04 33.44 +27 25.9 20.7	-0.91	- 1.5	1.6/02.8	48994
2005 SY ₁₁₇	2009 12 02.1	04 33.45 +15 50.1 19.6	-1.14	+ 1.2	2.7/01.7	39769
2005 QB ₇₀	2009 12 02.1	04 33.45 +28 34.4 20.7	-1.26	- 2.3	2.6/03.0	40396
2006 BG ₁₈	2009 12 02.1	04 33.46 +13 53.9 20.5	-0.96	- 1.0	3.0/01.3	21622
1995 VG ₉	2009 12 02.1	04 33.46 +22 29.4 19.6	-1.00	- 0.7	0.2/02.2	62292
2005 XK ₅₀	2009 12 02.1	04 33.55 +29 24.5 18.6	-1.09	- 5.4	3.3/03.4	62466
2001 KD ₅₁	2009 12 02.2	04 33.46 +07 55.9 20.2	-1.09	+ 0.3	5.1/31.0	64160
2003 SS ₃₉	2009 12 02.2	04 33.49 +05 49.3 19.7	-0.83	- 4.2	5.4/29.9	40681
2001 HP ₂₁	2009 12 02.2	04 33.49 +12 10.7 22.0	-0.88	- 3.9	2.7/30.8	10767
2001 RB ₁₁₇	2009 12 02.2	04 33.50 +17 37.7 21.1	-1.10	- 2.1	1.7/01.7	58411
2005 YJ ₆₃	2009 12 02.2	04 33.54 +23 59.9 19.7	-1.01	- 2.5	0.9/02.5	19678
2008 PP ₁	2009 12 02.2	04 33.56 +18 51.0 20.2	-0.92	- 2.0	1.0/01.9	50134

2004 PV ₁₃	2009 12 02.2	04 33.56 +18 01.2 19.5	-1.01	- 0.9	1.5/01.8	18077
2003 UH ₃₀₄	2009 12 02.2	04 33.57 +23 35.7 20.7	-0.88	- 2.7	0.5/02.4	46089
2000 WU ₁₉₇	2009 12 02.2	04 33.57 +20 06.8 18.2	-0.92	-10.7	0.8/01.8	60735
2004 XB ₂₀	2009 12 02.2	04 33.57 +21 51.6 18.8	-0.92	- 5.0	0.0/02.2	61914
2005 YQ ₄₂	2009 12 02.2	04 33.57 +21 56.1 20.8	-0.99	- 2.8	0.0/02.2	42788
2004 RC ₃₂	2009 12 02.2	04 33.61 +13 14.7 19.1	-0.96	- 1.7	3.3/01.3	47302
2001 SE ₁₉₈	2009 12 02.2	04 33.63 +17 41.7 19.8	-1.06	- 1.7	1.8/01.8	17951
2001 YA ₃₀	2009 12 02.2	04 33.67 +21 15.8 18.8	-1.22	+ 8.3	0.3/02.2	62334
2005 TC ₁₈₀	2009 12 02.2	04 33.67 +32 41.9 19.7	-1.24	- 3.1	4.3/03.6	19657
2002 AA ₁	2009 12 02.2	04 33.69 +02 24.8 18.0	-0.83	- 3.8	9.6/29.2	64177
2000 BM ₂₀	2009 12 02.2	04 33.71 +28 41.4 19.7	-0.95	- 2.9	2.6/03.1	43103
2004 JC ₁₄	2009 12 02.2	04 33.72 +24 25.6 21.4	-1.13	- 2.7	0.9/02.5	43201
2002 DK ₁₁	2009 12 02.2	04 33.74 -23 36.9 18.8	-0.89	+ 0.3	17.0/27.2	64182
2007 HW ₇₆	2009 12 02.2	04 33.74 +22 26.5 20.5	-1.00	+ 0.6	0.2/02.3	47432
2004 CZ ₃	2009 12 02.2	04 33.75 +31 14.1 18.4	-1.26	- 2.1	4.6/03.3	59722
2005 SE ₂₆	2009 12 02.2	04 33.77 +17 41.5 21.7	-1.11	- 2.3	1.5/01.8	40694
2002 RV ₂₇₄	2009 12 02.2	04 33.77 +14 12.1 20.6	-0.83	- 1.1	2.2/01.4	22415
2000 RJ ₅₆	2009 12 02.2	04 33.79 +28 58.1 20.3	-1.10	- 1.7	2.2/03.1	40666
2008 OV ₁₀	2009 12 02.2	04 33.87 -01 04.1 20.0	-0.85	+ 1.3	6.8/30.5	43304
2007 DJ ₁₀	2009 12 02.2	04 33.87 +07 28.5 21.3	-0.94	- 1.7	4.6/30.6	47419
2007 DQ ₅₇	2009 12 02.2	04 33.90 +20 06.7 20.3	-1.10	- 1.1	0.7/02.1	58564
2005 UW ₉₇	2009 12 02.2	04 33.93 +23 58.9 19.8	-1.18	+ 1.5	0.8/02.4	19660
2006 AZ ₅₄	2009 12 02.2	04 33.94 +10 32.4 21.4	-0.95	- 1.4	3.8/31.0	96936
2002 OX ₅	2009 12 02.2	04 33.95 +25 49.3 19.0	-0.90	- 4.6	1.2/02.9	47219
2008 OS ₆	2009 12 02.2	04 33.95 +06 57.6 20.2	-0.90	- 1.6	4.8/30.6	47447
2003 ST ₁₅₁	2009 12 02.2	04 33.98 +35 27.1 18.8	-1.10	+ 2.2	5.0/03.3	43179
2001 RE ₁₀₇	2009 12 02.3	04 33.89 +31 55.0 18.7	-1.21	+ 0.3	4.4/03.2	17945
2006 AB ₇₈	2009 12 02.3	04 33.89 +14 52.8 20.0	-0.93	- 1.1	2.3/01.5	47375
2006 HM ₃₃	2009 12 02.3	04 33.90 +12 56.2 19.4	-0.81	- 3.9	3.1/01.0	57436
2005 WX ₁₀₉	2009 12 02.3	04 33.91 +20 39.6 19.7	-1.04	- 2.9	0.6/02.1	63768
2006 AZ ₅₃	2009 12 02.3	04 33.91 +25 08.5 20.5	-0.99	- 3.6	1.1/02.7	42792
2000 SG ₁₁	2009 12 02.3	04 33.92 -06 23.3 20.7	-0.96	- 5.4	8.8/28.3	47149
2007 GT ₇₅	2009 12 02.3	04 33.93 +11 25.8 20.7	-0.81	- 4.5	2.9/30.7	47429
2005 GK ₁₈₀	2009 12 02.3	04 33.95 +19 14.9 18.9	-1.64	+11.9	1.3/02.4	64241
2006 BD ₁₈₆	2009 12 02.3	04 33.97 +23 27.4 20.4	-0.96	- 2.2	0.5/02.5	20839
2008 WH ₁₇	2009 12 02.3	04 34.00 +19 41.8 20.7	-0.57	- 1.0	0.4/02.0	58936
2005 SL ₂₆₆	2009 12 02.3	04 34.04 +28 46.9 19.0	-1.18	- 3.7	2.9/03.2	59759
2004 PJ ₄	2009 12 02.3	04 34.05 +02 17.0 20.6	-0.95	- 2.2	6.7/30.2	64221
2007 ER ₂₁	2009 12 02.3	04 34.06 +17 08.0 20.6	-0.94	- 1.7	1.4/01.8	58564
2002 TT ₂₈₁	2009 12 02.3	04 34.08 +31 33.7 19.4	-1.26	- 2.9	4.4/03.6	14677
2005 WP ₃₁	2009 12 02.3	04 34.08 +23 49.2 18.5	-1.13	+ 2.3	11.2/23.0	64274
2005 SL ₉₈	2009 12 02.3	04 34.10 +29 10.8 20.3	-1.18	- 3.1	2.7/03.2	59757
2001 YA ₅₁	2009 12 02.3	04 34.11 +26 05.2 20.2	-1.06	- 3.2	1.5/02.9	47192
2005 OT ₂₇	2009 12 02.3	04 34.13 +20 06.9 19.3	-1.14	- 0.6	0.8/02.2	62425
2008 SV ₂₀	2009 12 02.3	04 34.13 +18 47.4 21.1	-1.02	- 1.8	1.1/02.0	46722
2002 RW ₂₆₇	2009 12 02.3	04 34.16 +21 26.5 21.6	-1.18	- 4.5	0.2/02.3	40107
2006 AQ ₇₀	2009 12 02.3	04 34.21 +15 14.6 20.5	-0.95	- 1.5	2.4/01.6	47375
2004 GJ ₃₃	2009 12 02.3	04 34.21 +17 16.5 19.8	-1.09	- 3.9	1.8/01.7	41805
2004 QY ₃	2009 12 02.3	04 34.25 +27 49.3 20.9	-1.10	- 1.3	1.9/03.0	59729
2002 PD ₁₂₂	2009 12 02.3	04 34.25 +18 57.9 20.0	-1.17	- 4.4	1.2/02.0	40106
2007 HM ₁₅	2009 12 02.3	04 34.27 +13 00.9 20.5	-1.02	0.0	3.5/01.5	41342

2004 NW ₃₃	2009 12 02.3	04 34.31 +42 41.8 20.4	-1.33	- 0.2	7.5/04.6	58003
2002 CD ₂₇	2009 12 02.3	04 34.33 +29 24.8 18.5	-1.05	- 0.6	3.5/03.2	20760
2004 VA ₃₄	2009 12 02.3	04 34.38 +18 35.6 20.4	-0.94	- 1.1	1.2/02.0	95598
2007 DZ ₁₁	2009 12 02.3	04 34.38 +20 48.8 19.4	-1.19	+ 1.1	0.5/02.3	42870
2004 RJ ₄₀	2009 12 02.3	04 34.39 +10 49.2 19.8	-0.95	- 3.8	4.6/30.8	21340
2001 SD ₁₈₅	2009 12 02.3	04 34.41 +29 24.4 20.7	-1.20	- 2.0	3.1/03.3	00056
2004 QV ₁₀	2009 12 02.4	04 34.32 +31 19.4 19.9	-1.17	+ 0.4	3.5/03.3	18082
2005 AW ₁₉	2009 12 02.4	04 34.32 +15 16.3 19.2	-0.89	+ 0.2	2.3/01.7	58488
2002 QZ ₁₁₅	2009 12 02.4	04 34.35 +30 26.4 20.5	-0.92	- 3.0	2.5/03.6	47226
2006 EV ₄₀	2009 12 02.4	04 34.37 +23 37.1 20.9	-0.93	- 1.2	0.5/02.6	47400
2002 PN ₁₈₀	2009 12 02.4	04 34.37 +44 05.3 21.1	-1.07	- 3.2	6.2/05.8	12810
2007 CA ₄	2009 12 02.4	04 34.42 +31 15.4 20.5	-1.24	- 3.8	3.6/03.6	21186
2006 FJ ₄₉	2009 12 02.4	04 34.43 -01 17.8 20.4	-0.83	0.0	6.7/29.8	64295
2002 EV ₆₀	2009 12 02.4	04 34.45 +21 48.3 20.1	-1.02	- 3.0	0.1/02.4	41780
2005 YK ₅₁	2009 12 02.4	04 34.47 +23 39.3 20.8	-0.98	- 2.6	0.6/02.6	47366
2007 BH ₂	2009 12 02.4	04 34.47 +16 42.6 19.3	-1.15	0.0	2.2/02.0	22869
2006 DD ₆₃	2009 12 02.4	04 34.49 +40 00.1 20.8	-1.12	- 0.8	6.0/04.4	53481
2007 HQ ₂	2009 12 02.4	04 34.50 +27 14.1 20.1	-1.00	- 0.5	1.7/03.0	41872
2000 KU ₆₆	2009 12 02.4	04 34.51 -07 26.8 19.3	-1.40	+ 9.4	14.1/02.6	40087
2004 TW ₁₄	2009 12 02.4	04 34.57 +21 38.8 19.8	-0.98	- 4.2	0.1/02.4	59741
2001 SK ₁₈	2009 12 02.4	04 34.59 +10 14.6 19.3	-0.99	- 2.4	5.3/01.1	17947
2002 PZ ₄	2009 12 02.4	04 34.61 -06 17.8 20.1	-0.77	- 2.2	8.4/28.7	64187
2007 JR ₄₁	2009 12 02.4	04 34.63 +12 52.6 20.4	-0.93	- 4.2	3.4/01.2	55328
2005 SE ₁₄₄	2009 12 02.4	04 34.64 +12 30.6 20.4	-1.05	- 2.2	4.0/01.4	18127
2004 FU ₉₈	2009 12 02.4	04 34.64 +15 20.5 19.7	-1.10	- 2.3	3.2/01.7	64217
2003 SV ₃₈	2009 12 02.4	04 34.64 +43 59.3 19.3	-1.13	- 2.4	7.2/05.5	50953
2004 RU ₃₀₇	2009 12 02.4	04 34.65 +26 10.0 20.1	-1.04	- 2.2	1.5/03.0	19630
2002 QD ₈₇	2009 12 02.4	04 34.65 +17 46.9 19.9	-1.21	+ 0.4	1.8/02.1	40106
2007 DJ ₄₉	2009 12 02.4	04 34.66 +14 21.7 19.9	-1.10	+ 0.4	3.3/01.8	20850
2002 TC ₆₂	2009 12 02.4	04 34.68 +25 12.2 19.0	-1.13	- 6.6	1.5/03.0	12823
2004 VV ₁₀₁	2009 12 02.4	04 34.68 +25 14.3 19.8	-1.01	- 0.6	1.1/02.8	62413
2008 RS ₄₇	2009 12 02.4	04 34.70 +41 21.5 20.8	-1.20	- 1.9	6.1/04.9	55502
2004 DX ₇₈	2009 12 02.4	04 34.70 +27 25.9 19.3	-1.27	- 0.2	2.3/03.0	64216
2008 OY ₉	2009 12 02.4	04 34.70 +27 17.2 19.3	-1.09	- 3.1	2.1/03.0	42982
2001 VV ₄	2009 12 02.4	04 34.71 +32 55.0 18.3	-1.47	-20.7	5.5/05.3	00085
2001 PM ₄₄	2009 12 02.4	04 34.72 +19 34.7 21.3	-1.10	- 2.7	0.9/02.2	55924
2003 QT ₅₈	2009 12 02.4	04 34.73 +08 42.0 18.9	-0.89	- 0.1	4.4/01.2	47253
2005 QF ₃₄	2009 12 02.4	04 34.75 +18 31.9 20.2	-1.09	- 2.4	1.6/02.1	90226
2004 RA ₂₈₇	2009 12 02.4	04 34.75 +22 40.3 19.8	-0.99	- 3.9	0.2/02.6	47310
2003 KE ₃₃	2009 12 02.4	04 34.78 +20 34.9 20.2	-1.08	+ 1.1	0.5/02.4	64204
2001 XD ₂₉	2009 12 02.4	04 34.79 +00 43.3 17.6	-0.94	+ 3.7	10.1/01.4	62330
2001 FA ₁₄₆	2009 12 02.4	04 34.80 +16 18.1 19.5	-0.87	- 4.5	1.8/01.7	62313
2008 GB ₁	2009 12 02.4	04 34.80 -07 38.4 19.6	-1.15	-11.8	14.3/26.1	41588
2004 TW ₃₀₆	2009 12 02.4	04 34.82 +23 24.6 18.2	-0.95	- 5.8	0.6/02.7	43219
2008 HW ₁₅	2009 12 02.4	04 34.91 +33 36.3 20.6	-1.91	+13.4	6.0/02.0	40599
2006 EF ₁₂	2009 12 02.5	04 34.75 +48 55.8 20.4	-1.26	- 0.7	8.7/06.1	41847
2000 KU ₁	2009 12 02.5	04 34.76 +18 31.6 20.9	-1.06	- 6.2	1.2/02.0	39142
2001 XF ₁₄₂	2009 12 02.5	04 34.77 +21 25.4 19.4	-1.02	- 3.6	0.3/02.4	94364
2005 PA ₁₈	2009 12 02.5	04 34.78 +17 07.4 20.5	-1.12	- 3.4	2.0/01.9	87719
2005 MG ₂₀	2009 12 02.5	04 34.81 +17 24.6 19.7	-1.16	- 1.0	1.9/02.1	62421
2007 HJ ₅₃	2009 12 02.5	04 34.89 +14 37.2 20.6	-0.96	- 2.5	2.4/01.6	47432

2005 QJ ₈₃	2009 12 02.5	04 34.91 +10 27.0 20.3	-1.07	- 2.3	4.7/01.3	40138
2007 EA ₁₁₅	2009 12 02.5	04 34.91 +11 46.6 20.6	-0.94	- 1.9	3.7/01.4	41866
2005 XE ₇₅	2009 12 02.5	04 34.92 +28 28.9 20.8	-1.07	- 2.1	2.4/03.3	47364
2005 UT ₃₁	2009 12 02.5	04 34.94 +18 29.7 20.6	-1.05	- 3.3	1.5/02.1	20819
2002 OL ₁₅	2009 12 02.5	04 34.96 -00 24.7 23.8	-0.85	0.0	6.1/30.7	74193
2007 EN ₁₃₈	2009 12 02.5	04 34.97 +23 27.3 20.8	-1.20	- 1.3	0.6/02.7	22584
2002 XA ₃₃	2009 12 02.5	04 34.97 +20 59.2 19.6	-1.15	- 0.5	0.5/02.4	17452
2003 GH ₁₁	2009 12 02.5	04 34.97 +14 08.9 20.6	-0.97	- 3.4	2.6/01.5	47247
2003 SL ₃₁₈	2009 12 02.5	04 35.00 +24 01.2 21.4	-0.92	- 1.8	0.6/02.8	47265
2008 GN ₁₁₃	2009 12 02.5	04 35.02 +54 16.9 20.3	-2.17	+ 4.4	15.0/04.6	41628
2004 DA ₃₈	2009 12 02.5	04 35.09 -12 35.4 20.3	-1.00	- 3.2	11.6/27.4	60798
2003 UK ₂₁₈	2009 12 02.5	04 35.12 +22 57.2 19.7	-0.91	+ 0.6	0.3/02.7	64212
2000 EQ ₁₁₅	2009 12 02.5	04 35.13 +06 35.4 20.1	-0.79	- 2.1	4.6/30.7	47144
2002 QO ₇₀	2009 12 02.5	04 35.25 +01 28.9 21.7	-0.77	- 0.8	5.4/30.4	21548
2003 EV ₃₂	2009 12 02.5	04 35.25 +02 31.9 20.7	-0.98	- 2.6	7.2/30.1	47243
2005 JT ₁₄₄	2009 12 02.5	04 35.26 +19 29.3 19.9	-1.22	- 1.0	1.2/03.0	62420
2005 QF ₁₈₃	2009 12 02.6	04 35.18 +17 47.2 19.3	-1.02	- 2.3	2.1/02.1	62429
1998 SA ₆	2009 12 02.6	04 35.18 +18 01.6 19.3	-0.90	- 1.9	1.5/02.1	43094
2007 DY ₇₃	2009 12 02.6	04 35.22 +25 24.3 23.4	-1.02	- 1.8	1.0/03.0	58085
2005 NN ₁₀₀	2009 12 02.6	04 35.23 +32 29.3 19.5	-1.21	- 5.1	4.9/04.2	46300
1999 TV ₁₆₅	2009 12 02.6	04 35.27 +35 15.7 19.4	-1.11	- 2.1	5.1/04.3	73960
2000 ER ₁₃₅	2009 12 02.6	04 35.28 +48 10.8 20.0	-1.28	+ 1.5	7.7/04.7	55047
2001 SG ₈₂	2009 12 02.6	04 35.30 +30 03.8 18.8	-1.10	- 3.8	3.9/03.7	17949
2008 TJ ₁₃₀	2009 12 02.6	04 35.34 +24 39.6 20.3	-0.61	- 1.7	0.6/03.0	49091
2003 AW ₆₃	2009 12 02.6	04 35.38 +15 26.7 19.4	-1.10	- 0.2	2.8/02.0	40112
1999 TH ₆₄	2009 12 02.6	04 35.38 +31 15.6 20.0	-1.06	- 1.2	3.3/03.7	47135
2002 CT ₃₃	2009 12 02.6	04 35.43 +20 02.9 18.2	-1.05	+ 2.9	1.0/02.5	64180
2007 RM ₂₂₅	2009 12 02.6	04 35.43 +26 02.3 19.9	-0.62	- 1.3	0.8/03.2	51054
2005 NJ ₄₂	2009 12 02.6	04 35.43 +08 06.3 19.5	-1.03	+ 0.7	7.0/01.5	40135
2005 QT ₈	2009 12 02.6	04 35.45 +22 42.2 20.2	-1.18	- 3.0	9.8/23.0	64246
2002 EP ₁₁₃	2009 12 02.6	04 35.48 +39 23.1 19.5	-1.18	- 5.9	7.6/05.4	94706
2003 EM ₁₈	2009 12 02.6	04 35.50 +27 46.2 19.9	-1.12	- 2.0	2.1/03.3	59695
2000 HX ₈₁	2009 12 02.6	04 35.52 +24 31.4 20.1	-1.15	- 1.9	1.0/02.9	59654
2007 EQ ₁₂₃	2009 12 02.6	04 35.53 +18 21.8 21.0	-0.93	- 1.1	1.0/02.3	47423
2003 AG ₅₇	2009 12 02.6	04 35.54 +34 16.0 18.8	-1.21	- 2.4	5.4/04.1	18036
2004 RS ₄₄	2009 12 02.6	04 35.56 -00 34.2 21.2	-0.91	- 2.2	7.6/30.0	18085
2006 BA ₇₂	2009 12 02.6	04 35.59 +35 34.6 20.8	-1.09	- 1.6	4.4/04.2	02274
2002 PN ₁₇	2009 12 02.6	04 35.61 +21 51.5 19.8	-1.20	- 2.6	11.7/23.0	62350
2005 SY ₃₂	2009 12 02.6	04 35.62 +27 47.6 19.2	-1.19	+ 0.8	2.5/03.2	64252
2006 JV ₄₆	2009 12 02.6	04 35.63 +10 23.9 19.7	-0.84	- 7.1	3.3/30.6	49008
2005 AY ₃₇	2009 12 02.6	04 35.64 +11 08.5 20.2	-0.86	+ 0.7	3.2/01.7	73786
2000 SA ₁₃₀	2009 12 02.6	04 35.66 +16 31.0 17.3	-0.93	- 9.6	2.6/01.7	64155
2007 EP ₉₉	2009 12 02.7	04 35.61 +34 00.3 21.0	-1.08	- 1.5	3.5/04.1	59791
2006 AM ₂₅	2009 12 02.7	04 35.62 +27 39.3 20.8	-1.05	- 3.3	2.1/03.4	09488
2002 UX ₆₇	2009 12 02.7	04 35.70 +24 17.0 20.4	-1.24	+ 1.2	1.0/02.9	64195
2004 DW ₃₈	2009 12 02.7	04 35.74 +36 50.6 19.6	-1.33	- 2.7	7.1/04.6	16262
2004 RU ₈₅	2009 12 02.7	04 35.76 +00 00.1 20.6	-0.92	- 1.6	7.7/30.2	41811
2007 FX ₃₂	2009 12 02.7	04 35.76 +10 36.1 20.3	-0.95	- 3.7	3.9/01.2	62517
2005 YM ₂₉₀	2009 12 02.7	04 35.76 +29 25.4 21.4	-1.02	- 3.5	2.4/03.7	11154
2008 SY ₂₂₄	2009 12 02.7	04 35.79 +17 33.2 20.9	-0.57	- 1.7	0.9/02.2	49068
2004 TG ₂₄₂	2009 12 02.7	04 35.79 +28 16.3 19.8	-1.03	- 1.5	2.3/03.4	97761

1998 US ₂	2009 12 02.7	04 35.80 +36 54.6 18.9	-1.12 + 1.9	5.5/04.0	64147
2008 RW ₄₀	2009 12 02.7	04 35.83 +14 50.8 21.0	-0.82 - 2.0	2.0/01.9	46660
2005 BH ₉	2009 12 02.7	04 35.83 +07 51.1 19.9	-0.84 + 0.8	4.4/01.4	11078
2006 KS ₈₃	2009 12 02.7	04 35.84 +08 36.5 21.2	-0.83 + 0.1	4.1/01.4	03926
2001 XG ₁₄₄	2009 12 02.7	04 35.84 +17 07.2 19.3	-1.02 - 1.1	2.1/02.2	41775
2002 AZ ₁₃₁	2009 12 02.7	04 35.87 +25 51.0 18.6	-1.02 - 4.9	1.7/03.3	62337
2003 UN ₁₃₉	2009 12 02.7	04 35.87 +27 21.2 20.3	-1.01 + 1.7	1.7/03.2	41801
2002 FR ₁₆	2009 12 02.7	04 35.90 +06 49.1 19.6	-0.95 - 0.5	5.4/01.1	43152
2008 QP ₂₁	2009 12 02.7	04 35.91 +20 10.8 20.1	-0.85 - 3.1	0.5/02.5	50149
2002 AK ₄₄	2009 12 02.7	04 35.95 +19 36.2 19.1	-0.98 - 2.6	1.1/02.5	20757
2008 QL ₁₀	2009 12 02.7	04 35.99 +34 20.9 20.4	-0.98 - 1.9	3.5/04.3	47453
2000 GS ₁₆₉	2009 12 02.7	04 35.99 +28 09.7 20.9	-1.16 - 2.2	2.2/03.5	47145
2007 EL ₁₆₈	2009 12 02.7	04 36.00 +23 39.7 19.5	-1.04 - 0.3	0.6/03.0	64315
2000 GO ₇₇	2009 12 02.7	04 36.02 +30 25.9 20.5	-1.23 + 0.4	3.2/03.5	16137
2002 RX ₁₃₅	2009 12 02.7	04 36.02 +14 05.6 19.6	-1.18 + 0.9	3.6/02.2	40107
2007 MO ₂₄	2009 12 02.7	04 36.03 +26 22.3 19.5	-0.91 - 4.3	1.3/03.4	22894
2003 ST ₁₄₄	2009 12 02.7	04 36.05 +16 18.7 18.6	-0.89 - 6.7	2.1/01.9	63663
2007 DB ₁₂	2009 12 02.7	04 36.07 +12 18.7 20.3	-1.10 + 0.3	4.0/01.9	41317
2008 SN ₁₅	2009 12 02.7	04 36.11 +44 16.2 19.7	-1.15 - 2.4	7.9/05.8	49045
2008 EB ₆₉	2009 12 02.8	04 36.04 -26 14.0 20.1	-1.07 + 6.2	17.8/04.1	39295
2003 US ₃₀	2009 12 02.8	04 36.07 +37 00.1 20.8	-1.05 - 0.7	4.7/04.5	43186
2007 GT ₇₃	2009 12 02.8	04 36.08 +19 28.8 20.9	-1.00 - 2.1	0.9/02.5	47429
2007 DE ₃₇	2009 12 02.8	04 36.08 +42 27.2 20.3	-1.24 - 1.3	6.5/05.3	47420
2007 GH ₃₀	2009 12 02.8	04 36.08 +27 45.0 21.1	-1.07 - 0.8	1.9/03.4	47428
2004 QQ ₁₃	2009 12 02.8	04 36.11 +39 39.7 20.9	-1.26 - 0.2	6.0/04.7	18082
2000 CH ₁₃₀	2009 12 02.8	04 36.13 +09 58.0 20.1	-1.07 - 1.2	5.0/01.6	17907
2003 SA ₄₁	2009 12 02.8	04 36.15 +46 41.7 19.3	-1.26 + 1.9	9.1/05.2	59705
2002 GN ₁₀₁	2009 12 02.8	04 36.17 +11 00.4 19.0	-0.93 - 4.5	4.5/01.2	47212
2005 TH ₁₂₃	2009 12 02.8	04 36.19 +27 21.4 21.4	-1.20 - 1.6	1.9/03.4	60840
2000 SE ₈₁	2009 12 02.8	04 36.21 +37 48.8 20.6	-1.30 + 0.5	5.7/04.4	84596
2007 ER ₃₁	2009 12 02.8	04 36.22 +18 47.4 20.3	-1.10 - 1.4	1.2/02.5	62510
2003 SL ₃₂₇	2009 12 02.8	04 36.25 +12 43.8 21.1	-0.83 - 3.3	2.8/01.6	42657
2007 BW ₆₄	2009 12 02.8	04 36.28 +13 15.1 20.9	-1.05 - 1.9	3.3/01.9	41859
2001 YY ₄	2009 12 02.8	04 36.28 +45 24.6 18.3	-1.53 + 7.2	14.2/02.8	64175
2007 ET ₂₁₄	2009 12 02.8	04 36.29 +30 53.7 20.0	-1.14 - 0.7	3.4/03.8	24151
2001 SJ ₂₄	2009 12 02.8	04 36.29 +34 35.7 20.9	-1.23 - 1.6	4.2/04.3	47172
2005 XJ ₃₈	2009 12 02.8	04 36.34 +39 52.2 20.4	-1.03 - 2.1	4.7/05.1	46332
2007 GK ₁₈	2009 12 02.8	04 36.35 -00 51.6 20.9	-0.78 - 1.0	6.1/30.4	55320
2002 LR ₆₁	2009 12 02.8	04 36.36 +07 08.7 19.8	-0.86 - 0.2	4.7/01.4	60311
2008 PA ₅	2009 12 02.8	04 36.40 +00 26.1 20.7	-0.81 - 1.7	6.5/30.5	43305
2006 BU ₇₉	2009 12 02.8	04 36.40 +39 36.3 19.0	-1.13 - 0.7	6.1/04.8	43254
2000 DW ₆₂	2009 12 02.8	04 36.40 +42 31.1 19.5	-1.09 - 1.5	6.4/05.4	47143
2004 PE ₉₂	2009 12 02.8	04 36.42 +27 19.7 19.2	-1.07 - 6.0	2.0/03.7	70387
2005 UU ₁₉₈	2009 12 02.8	04 36.42 +13 18.0 21.1	-1.08 - 3.2	3.2/01.8	34904
2003 SN ₅₄	2009 12 02.8	04 36.46 +13 48.8 19.8	-0.86 - 4.1	2.7/01.7	47257
2002 YS ₁	2009 12 02.8	04 36.46 +20 06.4 18.0	-1.14 + 2.3	0.9/02.7	64199
2001 OY ₃₄	2009 12 02.8	04 36.47 +17 59.0 20.4	-1.16 + 1.0	1.5/03.0	40092
1999 TQ ₅₂	2009 12 02.8	04 36.47 +19 02.4 21.0	-0.95 - 3.0	1.1/02.5	41752
2005 QT ₆₉	2009 12 02.8	04 36.47 +20 48.8 20.0	-1.15 - 2.8	0.5/02.7	62427
2006 BM ₁₈₂	2009 12 02.8	04 36.49 +24 24.2 20.6	-0.95 - 1.5	0.8/03.1	53472
2001 TQ ₂₄₇	2009 12 02.8	04 36.49 +18 19.2 19.6	-1.01 - 1.4	1.8/02.5	62324

2003 AC ₈₁	2009 12 02.8	04 36.51 +14 58.7 17.9	-1.51 +17.3	3.5/03.4	64200
2001 XB ₂₃₇	2009 12 02.8	04 36.57 +25 56.2 18.5	-0.96 - 2.4	2.0/03.4	64175
2004 RG ₃₁₀	2009 12 02.9	04 36.49 +39 38.1 21.2	-1.21 - 1.2	5.5/05.0	58483
2007 HD ₁₁	2009 12 02.9	04 36.49 +21 39.3 21.0	-1.03 - 0.8	7.8/13.0	20631
2004 PQ ₁₀₈	2009 12 02.9	04 36.50 +26 28.6 20.4	-1.07 - 1.8	1.6/03.4	18082
2003 UG ₁₈₀	2009 12 02.9	04 36.54 +25 46.5 19.5	-0.93 + 0.3	1.0/03.3	62379
2004 PT ₅₁	2009 12 02.9	04 36.57 +13 54.4 21.4	-1.00 - 0.7	2.6/02.1	41150
2007 EU ₈₅	2009 12 02.9	04 36.58 +37 31.9 19.7	-1.26 + 2.2	5.5/04.1	59791
2000 HR ₇₇	2009 12 02.9	04 36.59 +16 59.5 18.8	-0.91 - 7.2	1.8/02.1	64153
2005 UE ₁₈₄	2009 12 02.9	04 36.62 +22 51.9 21.5	-1.10 - 1.5	8.5/13.0	19662
2004 TF ₁₀₉	2009 12 02.9	04 36.63 +18 37.7 18.7	-1.03 + 1.1	1.4/03.0	64231
2004 TQ ₂₉₀	2009 12 02.9	04 36.66 +10 32.5 20.8	-0.91 - 3.9	3.5/01.4	46218
2003 FQ ₇₁	2009 12 02.9	04 36.71 +25 33.7 20.6	-1.07 - 0.8	1.2/03.3	43170
2002 FM ₄	2009 12 02.9	04 36.79 +06 45.1 20.2	-0.89 - 3.2	4.8/30.9	47210
2006 DU ₁₅₉	2009 12 02.9	04 36.83 +34 28.3 21.2	-1.01 - 1.4	3.8/04.4	42806
2007 DJ ₂₀	2009 12 02.9	04 36.84 +19 31.7 21.4	-1.08 - 1.7	1.0/02.7	16093
2006 BC ₂₂₀	2009 12 02.9	04 36.85 +13 04.7 19.5	-0.95 - 0.5	3.3/02.1	59771
2003 SJ ₂₀₃	2009 12 02.9	04 36.86 +41 08.7 20.0	-1.12 - 0.6	7.1/05.2	21799
2001 RC ₁₀₂	2009 12 02.9	04 36.86 +14 31.8 20.6	-1.06 - 2.2	3.1/02.2	21766
2008 SP ₆₇	2009 12 02.9	04 36.87 +12 30.9 20.3	-0.55 - 2.1	1.8/01.7	50248
2004 XD ₃₇	2009 12 02.9	04 36.87 +18 46.8 19.5	-0.94 + 1.0	1.1/02.7	00872
2000 YT ₃₉	2009 12 02.9	04 36.88 +16 55.0 17.0	-0.91 + 3.4	2.6/02.7	64158
2003 SD ₃₁₉	2009 12 02.9	04 36.89 +30 26.9 19.4	-1.01 + 1.3	2.9/03.7	08751
2006 HM ₁₁₆	2009 12 02.9	04 36.90 +21 45.6 20.8	-0.85 - 2.6	6.8/13.0	57436
2002 YG ₇	2009 12 02.9	04 36.94 +11 05.9 17.8	-1.00 + 1.2	5.6/02.1	59691
2002 PP ₁₃₅	2009 12 02.9	04 36.95 +18 27.8 20.3	-1.23 - 1.0	1.5/03.0	58433
2008 RN ₄₉	2009 12 02.9	04 36.96 +18 14.2 20.9	-0.95 - 3.6	1.3/02.5	59547
2002 QD ₇₄	2009 12 02.9	04 36.96 +05 26.8 20.7	-0.81 0.0	4.8/01.4	02119
2004 EZ ₈₆	2009 12 02.9	04 36.98 +14 53.0 20.1	-1.13 - 0.7	2.9/02.3	62388
2005 YV ₁₈₅	2009 12 02.9	04 36.98 +36 57.5 21.3	-1.08 - 3.9	4.4/05.1	98064
2003 WA ₇₆	2009 12 02.9	04 36.98 +32 49.0 19.9	-0.95 - 2.6	3.2/04.4	62380
2004 RD ₂₃₁	2009 12 02.9	04 37.00 +28 07.3 20.5	-1.04 - 1.3	2.0/03.7	43211
2007 FR ₂₅	2009 12 02.9	04 37.00 +25 19.2 20.4	-1.13 - 1.5	1.2/03.3	41869
2004 HR ₂₀	2009 12 02.9	04 37.00 +26 39.2 20.7	-1.17 - 0.6	1.7/03.4	64219
2007 JC ₁₀	2009 12 02.9	04 37.01 +27 32.7 20.6	-1.21 + 1.0	2.2/03.4	21880
2008 SN ₁₈	2009 12 03.0	04 36.92 +20 29.6 20.5	-0.87 - 1.6	0.5/02.8	62542
2005 SY ₁₅₀	2009 12 03.0	04 36.97 +29 23.4 21.3	-1.22 - 0.4	2.8/03.7	95878
2004 GF ₂₄	2009 12 03.0	04 36.98 +19 40.7 20.0	-1.16 + 0.9	0.9/02.8	60802
2003 EX ₄₁	2009 12 03.0	04 37.07 +29 42.7 19.9	-1.17 - 0.4	2.8/03.8	43169
2005 RY ₅	2009 12 03.0	04 37.11 +13 33.2 21.4	-1.11 - 2.5	3.0/02.1	38890
2004 RU ₁₄₇	2009 12 03.0	04 37.13 +06 48.2 20.0	-0.92 - 1.9	5.8/01.4	17511
2006 DK ₁₉₇	2009 12 03.0	04 37.14 +20 12.7 19.0	-0.93 - 5.9	0.6/02.8	60862
2004 HK ₈	2009 12 03.0	04 37.14 +24 58.0 20.4	-1.16 + 0.2	1.0/03.3	64219
2007 DV ₃₃	2009 12 03.0	04 37.14 +26 14.9 19.5	-1.12 - 0.6	2.1/03.4	62506
2005 UC ₄₅₁	2009 12 03.0	04 37.15 +29 37.8 20.3	-1.20 + 0.7	3.2/03.6	31424
2005 NW ₁₆	2009 12 03.0	04 37.16 +19 12.3 21.0	-1.15 - 2.4	1.2/02.7	57424
2002 RP ₂₂₄	2009 12 03.0	04 37.20 +26 08.5 20.0	-1.29 + 1.1	1.7/03.4	62355
2003 ST ₃₈₂	2009 12 03.0	04 37.22 +06 18.3 21.4	-0.83 - 2.0	4.9/01.2	48904
2006 AS ₇₂	2009 12 03.0	04 37.23 +15 28.5 20.8	-0.94 - 1.5	2.3/02.3	42792
1997 SK ₁₈	2009 12 03.0	04 37.24 +25 15.2 19.7	-1.15 - 2.4	1.3/03.4	64145
2005 QX ₁₂₀	2009 12 03.0	04 37.31 +11 15.2 19.3	-0.93 - 3.0	5.6/01.7	17549