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EDITORIAL NOTICE

General Observing Practices

The number of observers submitting astrometric observations to the MPC has risen rather dramatically in the past year. This has been accompanied by a rather worrying and troublesome increase in poor observing practice, with many sub-standard quality observations reported to the MPC.

Observers should strive to provide the best quality observations to the MPC. Poor quality observations cause the MPC significant extra work and reflect badly on the observer.

Some good practice advice follows:

- * Observe each object at least three times over the course of an hour or so on each night. If the object is a known object, this can be relaxed to 30 minutes or more, as long as the motion of the object in that period is significant.
- * Provide two nights of observation for "new" objects, obtaining three to six observations on each night, with at least one hour of coverage on each night.
- * If you have a suspected new NEO, more than six observations may be useful if they are obtained over the course of several hours.
- * In following-up interesting objects, provide good coverage of at least one hour.
- * Never, under any circumstance, provide a single, isolated observation on a single night. A single observation shows no evidence of motion and there is no guarantee that the observer has not measured an image defect, a star or a variable object (star, nova or supernova).
- * Stacked observations should always be marked as such and the individual images should be stacked so as to provide two observations, noting that an individual image can appear in only one stack. In very rare cases, a single stack may be all that is available: such situations will be handled on a case-by-case basis.
- * Observations of "new" objects in support of discovery claims should be spaced by at least one and no more than five nights.

It is hoped that self-regulation by observers will be sufficient. If this does not prove to be the case by the end of this month, we will implement additional filters to reject automatically entire batches that contain single observations or new objects with insufficient nightly coverage.

"Corrected" Observations

Observers are informed that batches submitted with "corrected", "correction", "remeasured" or "remeasurement" in the subject line or ACK line are treated as being corrections to observations published previously and are filed by the automated routines for manual examination by MPC staff. The processing of such batches may be delayed.

It is also worth remarking that resubmission of observations or batches that were rejected by the automated AUTOACK routines do not need to be indicated as resubmissions, as the MPC has no internal record of the original, rejected batch.

Observations of Dual-Status Objects

A number of objects are designated as both minor planets and comets. Examples include (2060) Chiron = 95P/Chiron and (4015) Wilson-Harrington = 107P/Wilson-Harrington. Astrometry of dual-status objects must be reported under the minor-planet designation, with the magnitudes reported in the asteroidal form. If observations are reported under the comet designation the AUTOACK routines will change the designation into the minor-planet designation. If there are "nuclear" or "total" magnitudes reported on the observations this causes problems further down the processing pipeline because minor planets cannot be marked with "N" or "T" magnitudes.

Observing at Remote Sites

Observers who use multiple remote observing sites are requested to be extra vigilant in indicating where the observations were made. A number of observations have been received recently when, at the time of observation, the object was below or the sun was above the local horizon at the observing site!

Indication of Observers, Measurers and Telescope Details

In anticipation of the short-term plans for automatic *MPEC* preparation by the MPC, we remind observers that information given with the OBS, MEA and TEL keywords in the observational header must conform to the formats described at <http://www.cfa.harvard.edu/iau/info/ObsDetails.html>. Observers who do not adhere exactly to these instructions will find that their observations on automatically-prepared *MPECs* will not be credited in the way they intended.

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC 67347*. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
C08	17.3761	0.50302	+0.86138	Fiby
C09	3.80397	0.722660	+0.688932	Rouet
C10	3.42622	0.661039	+0.747874	Maisoncelles
H14	249.21233	0.846402	+0.530995	Morning Star Observatory, Tucson
H21	272.03173	0.772885	+0.632471	Astronomical Research Observatory, Westfield

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
1995 SD ₃₇	2002 10	31.33973	02 21 13.74	+18 25 49.9	<i>MPS210413</i>	644
1995 SD ₃₇	2002 10	31.36087	02 21 12.37	+18 25 44.9	<i>MPS210413</i>	644
1995 SD ₃₇	2002 10	31.38187	02 21 11.01	+18 25 39.8	<i>MPS210413</i>	644
1998 DO ₁₂	2007 04	21.88966	15 07 36.11	-06 50 32.2	<i>MPS207954</i>	A50
1998 DO ₁₂	2007 04	21.90943	15 07 35.09	-06 50 26.0	<i>MPS207954</i>	A50
2002 TB ₃₆₈	2002 10	05.426740	02 18 12.225	+00 19 33.08	<i>MPS300600</i>	645
2002 TB ₃₆₈	2002 10	05.430212	02 18 12.257	+00 19 32.43	<i>MPS300600</i>	645
2009 SC ₁₇	* 2009 09	18.70565	01 06 43.66	+07 08 12.9	<i>MPS296029</i>	D29
2009 SC ₁₇	2009 09	18.72344	01 06 43.21	+07 08 02.2	<i>MPS296029</i>	D29
2009 SC ₁₇	2009 09	18.73891	01 06 42.68	+07 07 52.3	<i>MPS296029</i>	D29
2009 SC ₁₇	2009 09	18.75246	01 06 42.30	+07 07 44.3	<i>MPS296029</i>	D29
2009 SK ₂₄₇	* 2009 09	19.17663	00 26 52.01	+04 38 29.8	<i>MPS297917</i>	691
2009 SK ₂₄₇	2009 09	19.19425	00 26 51.28	+04 38 24.0	<i>MPS297917</i>	691
2009 SK ₂₄₇	2009 09	19.21186	00 26 50.53	+04 38 18.1	<i>MPS297917</i>	691
2009 TB ₈	2009 09	11.75366	00 57 34.33	+24 15 58.8	<i>MPS298438</i>	114
2009 TB ₈	2009 09	11.75758	00 57 34.11	+24 15 59.7	<i>MPS298438</i>	114
2009 TB ₈	2009 09	11.76527	00 57 33.46	+24 16 01.3	<i>MPS298438</i>	114
2009 TB ₈	2009 09	11.76918	00 57 33.32	+24 16 01.5	<i>MPS298438</i>	114
2009 US ₁₃₁	2009 10	26.20851	01 16 05.52	+21 46 50.6	<i>MPS302391</i>	703
2009 US ₁₃₁	2009 10	26.21390	01 16 05.30	+21 46 50.9	<i>MPS302391</i>	703
2009 US ₁₃₁	2009 10	26.21940	01 16 04.98	+21 46 48.6	<i>MPS302391</i>	703
2009 US ₁₃₁	2009 10	26.22487	01 16 04.76	+21 46 46.4	<i>MPS302391</i>	703
2009 VZ ₂₅	2009 11	12.273860	03 23 57.06	+23 00 54.0	<i>MPS302427</i>	H21
2009 VZ ₂₅	2009 11	12.274305	03 23 57.12	+23 00 54.2	<i>MPS302427</i>	H21
2009 VZ ₂₅	2009 11	12.278308	03 23 57.70	+23 00 54.7	<i>MPS302427</i>	H21
2009 VZ ₂₅	2009 11	12.283192	03 23 58.46	+23 00 55.8	<i>MPS302427</i>	H21
2009 VO ₄₅	2009 11	18.27712	04 23 10.37	+14 48 41.0	<i>MPS303484</i>	H06
2009 VO ₄₅	2009 11	18.29115	04 23 09.57	+14 48 35.6	<i>MPS303484</i>	H06

IDENTIFICATION CHANGES

Continuation to *MPC 67348*.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1995 UW ₈₃	* 1995 10	20.44384	03 23 10.20	+14 49 10.9	1995 UT ₅₄	19.9 V	691
1995 UW ₈₃	1995 10	20.46739	03 23 09.28	+14 49 08.5	1995 UT ₅₄		691

1995 UW ₈₃	1995 10	20.49066	03 23 08.38	+14 49 06.2	1995 UT ₅₄		691
1996 HG ₂₇	* 1996 04	24.38314	15 20 44.73	-07 57 09.2	1996 HP ₆	21.0 V	691
1996 HG ₂₇	1996 04	24.40429	15 20 43.88	-07 57 01.6	1996 HP ₆		691
1996 HG ₂₇	1996 04	24.42538	15 20 43.04	-07 56 54.1	1996 HP ₆		691
1999 OU ₅	* 1999 07	16.25535	19 03 37.98	-26 01 35.8	1996 VQ ₁₈	17.7	704
1999 OU ₅	1999 07	16.26811	19 03 37.25	-26 01 34.8	1996 VQ ₁₈	17.5	704
1999 OU ₅	1999 07	16.28094	19 03 36.44	-26 01 33.9	1996 VQ ₁₈	17.9	704
2000 HY ₁₀₅	* 2000 04	29.14930	13 17 10.04	-05 55 16.5	2000 GB ₁₆₆	20.8 V	691
2000 HY ₁₀₅	2000 04	29.17013	13 17 09.14	-05 55 13.7	2000 GB ₁₆₆	20.7 V	691
2000 HY ₁₀₅	2000 04	29.19094	13 17 08.21	-05 55 11.7	2000 GB ₁₆₆	20.3 V	691
2000 VN ₆₅	* 2000 11	02.42829	03 31 30.08	+18 22 13.8	2004 TK ₄₉	22.1 V	691
2000 VN ₆₅	2000 11	02.46288	03 31 28.12	+18 22 10.7	2004 TK ₄₉	22.2 V	691
2000 VN ₆₅	2000 11	02.48489	03 31 26.93	+18 22 08.5	2004 TK ₄₉	22.0 V	691
2003 SU ₄₃₃	* 2003 09	19.91178	00 17 16.23	-00 32 46.3	2003 SC ₃₅	19.2 R	599
2003 SU ₄₃₃	2003 09	19.92093	00 17 15.78	-00 32 50.0	2003 SC ₃₅	19.0 R	599
2003 SU ₄₃₃	2003 09	19.93009	00 17 15.35	-00 32 54.1	2003 SC ₃₅	19.3 R	599
2003 UZ ₄₁₆	* 2003 10	24.259500	01 14 39.893	+00 41 03.39	2003 UX ₃₅₃	20.75V	645
2003 UZ ₄₁₆	2003 10	24.262972	01 14 39.723	+00 41 02.73	2003 UX ₃₅₃	21.61	645
2003 UA ₄₁₇	* 2003 10	22.154670	22 37 23.436	+00 16 17.58	2003 UT ₃₂₇	21.07V	645
2003 UA ₄₁₇	2003 10	22.158142	22 37 23.395	+00 16 17.28	2003 UT ₃₂₇	21.91	645
2003 WD ₁₉₅	* 2003 11	30.31914	03 45 08.54	+20 00 18.0	2005 EY ₂₁₅	20.2 V	291
2003 WD ₁₉₅	2003 11	30.34408	03 45 07.43	+20 00 13.6	2005 EY ₂₁₅	19.9 V	291
2003 WD ₁₉₅	2003 11	30.36853	03 45 06.33	+20 00 09.0	2005 EY ₂₁₅	20.6 V	291
2004 BQ ₁₆₃	* 2004 01	31.17029	07 21 20.99	+25 08 12.1	2004 AK ₁₂	21.6 V	691
2004 BQ ₁₆₃	2004 01	31.20619	07 21 18.93	+25 08 13.6	2004 AK ₁₂	21.6 V	691
2004 BQ ₁₆₃	2004 01	31.23361	07 21 17.38	+25 08 14.7	2004 AK ₁₂	21.6 V	691
2004 HU ₇₈	* 2004 04	21.31682	12 30 20.16	-11 39 22.6	2004 FY ₄₀	20.1	704
2004 HU ₇₈	2004 04	21.32740	12 30 19.60	-11 39 20.0	2004 FY ₄₀	19.8	704
2004 HU ₇₈	2004 04	21.33831	12 30 19.05	-11 39 17.2	2004 FY ₄₀	19.7	704
2004 RW ₃₅₆	* 2004 09	12.29981	22 58 35.36	-04 52 44.2	2004 RH ₁₁₇	20.7 V	691
2004 RW ₃₅₆	2004 09	12.32773	22 58 34.03	-04 52 52.8	2004 RH ₁₁₇	20.6 V	691
2004 RW ₃₅₆	2004 09	12.35613	22 58 32.66	-04 53 01.6	2004 RH ₁₁₇	20.6 V	691
2004 RX ₃₅₆	* 2004 09	11.31504	23 08 41.27	-03 49 12.4	2004 RT ₁₂₆	20.5 V	691
2004 RX ₃₅₆	2004 09	11.34345	23 08 39.90	-03 49 20.6	2004 RT ₁₂₆	20.3 V	691
2004 RX ₃₅₆	2004 09	11.37096	23 08 38.57	-03 49 29.1	2004 RT ₁₂₆	20.6 V	691
2004 VO ₁₃₀	* 2004 11	04.08041	00 35 41.76	+05 04 15.7	2004 TW ₈₄	20.5 V	691
2004 VO ₁₃₀	2004 11	04.09938	00 35 41.19	+05 04 12.0	2004 TW ₈₄	21.0 V	691
2004 VO ₁₃₀	2004 11	04.11647	00 35 40.71	+05 04 09.0	2004 TW ₈₄	21.2 V	691
2004 VP ₁₃₀	* 2004 11	05.15044	00 05 03.14	+02 26 33.5	2004 TD ₂₁₅	21.8 V	291
2004 VP ₁₃₀	2004 11	05.15755	00 05 02.95	+02 26 32.8	2004 TD ₂₁₅	22.2 V	291
2004 VP ₁₃₀	2004 11	05.16474	00 05 02.82	+02 26 31.2	2004 TD ₂₁₅	21.4 V	291
2005 AW ₈₂	* 2005 01	08.80972	05 56 58.45	+19 40 17.4	2004 YH ₂₉	20.3 R	599
2005 AW ₈₂	2005 01	08.81965	05 56 58.00	+19 40 20.2	2004 YH ₂₉	20.2 R	599
2005 AW ₈₂	2005 01	08.82960	05 56 57.54	+19 40 21.3	2004 YH ₂₉	19.9 R	599
2005 EH ₃₃₀	* 2005 03	11.27514	10 17 01.67	+09 41 23.3	2005 EO ₁₂₂	21.4 R	G96
2005 EH ₃₃₀	2005 03	11.28176	10 17 01.33	+09 41 25.3	2005 EO ₁₂₂	21.2 R	G96
2005 EH ₃₃₀	2005 03	11.28838	10 17 01.04	+09 41 27.7	2005 EO ₁₂₂	20.7 R	G96
2005 EH ₃₃₀	2005 03	11.29500	10 17 00.76	+09 41 29.8	2005 EO ₁₂₂	20.2 R	G96
2005 FM ₁₄	* 2005 03	16.24694	10 21 22.77	+24 05 40.2	2005 ER ₂₂₅	20.6 R	G96
2005 FM ₁₄	2005 03	16.25361	10 21 22.45	+24 05 40.0	2005 ER ₂₂₅	20.6 R	G96
2005 FM ₁₄	2005 03	16.26028	10 21 22.15	+24 05 40.9	2005 ER ₂₂₅	20.1 R	G96
2005 FM ₁₄	2005 03	16.26690	10 21 21.89	+24 05 40.9	2005 ER ₂₂₅	20.4 R	G96
2005 GN ₂₂₇	* 2005 04	12.19330	11 13 02.65	+03 05 29.6	2005 GU ₁₂₁	20.5 R	G96

2005 GN ₂₂₇	2005 04 12.19995	11 13 02.45	+03 05 31.5	2005 GU ₁₂₁	20.6 R	G96	2006 AM ₁₀₆	2006 01 05.26064	07 16 47.40	+26 57 44.5	2005 YR ₂₁₆	21.0 V	691
2005 GN ₂₂₇	2005 04 12.20664	11 13 02.24	+03 05 32.5	2005 GU ₁₂₁	21.5 R	G96	2006 AN ₁₀₆ *	2006 01 07.23434	05 20 21.62	+25 46 35.7	2005 YD ₂₃₁	20.6 V	G96
2005 GN ₂₂₇	2005 04 12.21333	11 13 02.03	+03 05 34.7	2005 GU ₁₂₁	21.6 R	G96	2006 AN ₁₀₆	2006 01 07.24230	05 20 21.22	+25 46 35.9	2005 YD ₂₃₁	20.8 V	G96
2005 OU ₃₁ *	2005 07 28.30077	21 21 29.62	-12 03 22.2	2005 NB ₃₈	20.5	644	2006 AN ₁₀₆	2006 01 07.25024	05 20 20.83	+25 46 36.4	2005 YD ₂₃₁	21.9 V	G96
2005 OU ₃₁	2005 07 28.32151	21 21 28.59	-12 03 23.3	2005 NB ₃₈	20.7	644	2006 AN ₁₀₆	2006 01 07.25821	05 20 20.36	+25 46 36.5	2005 YD ₂₃₁	21.0 V	G96
2005 OU ₃₁	2005 07 28.34606	21 21 27.39	-12 03 25.1	2005 NB ₃₈	20.2	644	2006 AO ₁₀₆ *	2006 01 09.31595	07 54 59.54	+18 12 18.5	2005 YN ₂₉₁	20.8 V	G96
2005 TD ₁₉₇ *	2005 10 09.15522	00 28 25.16	-01 00 42.4	2005 TE ₈₉	20.8 V	691	2006 AO ₁₀₆	2006 01 09.32324	07 54 59.14	+18 12 19.9	2005 YN ₂₉₁	21.1 V	G96
2005 TD ₁₉₇	2005 10 09.17275	00 28 24.23	-01 00 44.8	2005 TE ₈₉	20.9 V	691	2006 AO ₁₀₆	2006 01 09.32956	07 54 58.87	+18 12 21.3	2005 YN ₂₉₁	20.9 V	691
2005 TD ₁₉₇	2005 10 09.19012	00 28 23.34	-01 00 46.7	2005 TE ₈₉	20.7 V	691	2006 AO ₁₀₆	2006 01 09.33054	07 54 58.78	+18 12 20.9	2005 YN ₂₉₁	20.8 V	G96
2005 TE ₁₉₇ *	2005 10 01.30882	01 37 16.21	+08 03 45.8	2005 SC ₂₆₅	22.1 V	G96	2006 AO ₁₀₆	2006 01 09.33784	07 54 58.39	+18 12 22.4	2005 YN ₂₉₁	21.2 V	G96
2005 TE ₁₉₇	2005 10 01.31525	01 37 15.92	+08 03 43.7	2005 SC ₂₆₅	22.4 V	G96	2006 AO ₁₀₆	2006 01 09.34683	07 54 57.95	+18 12 23.9	2005 YN ₂₉₁	21.0 V	691
2005 TE ₁₉₇	2005 10 01.32167	01 37 15.67	+08 03 41.2	2005 SC ₂₆₅	21.9 V	G96	2006 AO ₁₀₆	2006 01 09.36412	07 54 56.99	+18 12 26.5	2005 YN ₂₉₁	20.9 V	691
2005 TE ₁₉₇	2005 10 01.32811	01 37 15.34	+08 03 39.7	2005 SC ₂₆₅	22.1 V	G96	2006 AO ₁₀₆	2006 01 22.26435	07 43 27.58	+18 46 07.5	2005 YN ₂₉₁	20.2 V	G96
2005 TF ₁₉₇ *	2005 10 09.15779	00 36 49.44	-03 17 07.9	2005 SQ ₂₉₀	20.9 V	691	2006 AO ₁₀₆	2006 01 22.27264	07 43 27.04	+18 46 08.2	2005 YN ₂₉₁	21.0 V	G96
2005 TF ₁₉₇	2005 10 09.17528	00 36 48.59	-03 17 12.0	2005 SQ ₂₉₀	20.9 V	691	2006 AO ₁₀₆	2006 01 22.28096	07 43 26.58	+18 46 09.6	2005 YN ₂₉₁	20.9 V	G96
2005 TF ₁₉₇	2005 10 09.19264	00 36 47.70	-03 17 17.1	2005 SQ ₂₉₀	21.2 V	691	2006 AO ₁₀₆	2006 01 22.28926	07 43 26.11	+18 46 10.7	2005 YN ₂₉₁	20.5 V	G96
2005 VK ₁₃₆ *	2005 11 06.36352	04 48 03.81	+17 18 59.7	2005 VQ ₇₃	20.5 V	G96	2006 BK ₂₈₄ *	2006 01 22.46021	09 25 21.43	+13 56 28.5	2006 AT ₈₈	20.5 V	G96
2005 VK ₁₃₆	2005 11 06.36418	04 48 03.74	+17 18 59.9	2005 VQ ₇₃	20.4 V	G96	2006 BK ₂₈₄	2006 01 22.46528	09 25 21.14	+13 56 29.0	2006 AT ₈₈	20.5 V	G96
2005 VK ₁₃₆	2005 11 06.37015	04 48 03.52	+17 18 58.2	2005 VQ ₇₃	20.2 V	G96	2006 BK ₂₈₄	2006 01 22.47034	09 25 20.92	+13 56 29.1	2006 AT ₈₈	20.6 V	G96
2005 VK ₁₃₆	2005 11 06.37081	04 48 03.45	+17 18 58.2	2005 VQ ₇₃	20.2 V	G96	2006 BK ₂₈₄	2006 01 22.47541	09 25 20.60	+13 56 28.4	2006 AT ₈₈	19.1 V	G96
2005 VK ₁₃₆	2005 11 06.37678	04 48 03.24	+17 18 56.8	2005 VQ ₇₃	20.4 V	G96	2006 CE ₆₉ *	2006 02 01.27249	10 14 22.77	+18 03 03.8	2004 VW ₈₃	20.5 V	691
2005 VK ₁₃₆	2005 11 06.37743	04 48 03.24	+17 18 56.5	2005 VQ ₇₃	20.4 V	G96	2006 CE ₆₉	2006 02 01.29267	10 14 21.72	+18 03 06.4	2004 VW ₈₃	20.4 V	691
2005 VK ₁₃₆	2005 11 06.38341	04 48 02.98	+17 18 55.2	2005 VQ ₇₃	20.2 V	G96	2006 CE ₆₉	2006 02 01.31002	10 14 20.79	+18 03 08.9	2004 VW ₈₃	20.4 V	691
2005 VK ₁₃₆	2005 11 06.38407	04 48 02.91	+17 18 55.2	2005 VQ ₇₃	20.1 V	G96	2006 EV ₇₄ *	2006 03 02.30833	10 47 01.53	+40 28 55.2	2006 CZ ₆₂	20.1 V	703
2005 WT ₂₁₁ *	2005 11 28.17316	01 26 17.44	+07 27 35.1	2005 UW ₂₆₉	20.6 V	G96	2006 EV ₇₄	2006 03 02.31551	10 47 00.81	+40 28 55.3	2006 CZ ₆₂	20.4 V	703
2005 WT ₂₁₁	2005 11 28.17979	01 26 17.34	+07 27 34.0	2005 UW ₂₆₉	20.9 V	G96	2006 EV ₇₄	2006 03 02.32317	10 47 00.27	+40 28 53.6	2006 CZ ₆₂	19.7 V	703
2005 WT ₂₁₁	2005 11 28.18646	01 26 17.16	+07 27 33.8	2005 UW ₂₆₉	21.3 V	G96	2006 EV ₇₄	2006 03 02.33088	10 46 59.84	+40 28 53.5	2006 CZ ₆₂	19.2 V	703
2005 WT ₂₁₁	2005 11 28.19307	01 26 17.08	+07 27 34.0	2005 UW ₂₆₉	21.7 V	G96	2006 KC ₁₄₅ *	2006 05 22.21883	13 18 52.99	-06 58 15.9	2006 JX ₂₂	20.8 V	G96
2005 XB ₁₁₈ *	2005 12 07.28543	05 44 07.27	+24 52 29.4	2005 XY ₅₉	20.6 V	691	2006 KC ₁₄₅	2006 05 22.22376	13 18 52.88	-06 58 14.1	2006 JX ₂₂	20.5 V	G96
2005 XB ₁₁₈	2005 12 07.30275	05 44 06.20	+24 52 29.3	2005 XY ₅₉	20.5 V	691	2006 KC ₁₄₅	2006 05 22.22882	13 18 52.81	-06 58 13.1	2006 JX ₂₂	20.9 V	G96
2005 XB ₁₁₈	2005 12 07.32007	05 44 05.13	+24 52 29.0	2005 XY ₅₉	20.4 V	691	2006 KC ₁₄₅	2006 05 22.23374	13 18 52.70	-06 58 11.3	2006 JX ₂₂	20.7 V	G96
2005 XC ₁₁₈ *	2005 12 02.13914	05 06 10.83	+23 35 10.8	2005 WF ₁₄₇	20.7 V	691	2006 YL ₅₅ *	2006 12 27.20433	04 52 26.76	+21 29 44.8	2006 XK ₂₈	20.5 V	G96
2005 XC ₁₁₈	2005 12 02.15646	05 06 09.72	+23 35 10.9	2005 WF ₁₄₇	20.5 V	691	2006 YL ₅₅	2006 12 27.21051	04 52 26.40	+21 29 45.0	2006 XK ₂₈	21.1 V	G96
2005 XC ₁₁₈	2005 12 02.17384	05 06 08.65	+23 35 10.6	2005 WF ₁₄₇	20.4 V	691	2006 YL ₅₅	2006 12 27.21664	04 52 26.00	+21 29 45.1	2006 XK ₂₈	20.9 V	G96
2005 XD ₁₁₈ *	2005 12 02.13914	05 06 13.47	+23 36 49.6	2005 WG ₁₄₇	20.6 V	691	2006 YL ₅₅	2006 12 27.22282	04 52 25.60	+21 29 45.6	2006 XK ₂₈	21.0 V	G96
2005 XD ₁₁₈	2005 12 02.15646	05 06 12.38	+23 36 50.0	2005 WG ₁₄₇	20.6 V	691	2007 EM ₂₂₂ *	2007 03 15.25957	10 28 51.85	+12 06 39.5	2007 EY ₁₀₀	21.3 V	G96
2005 XD ₁₁₈	2005 12 02.17384	05 06 11.23	+23 36 50.4	2005 WG ₁₄₇	20.6 V	691	2007 EM ₂₂₂	2007 03 15.26837	10 28 51.49	+12 06 41.8	2007 EY ₁₀₀	21.5 V	G96
2005 XD ₁₁₈	2005 12 06.14189	05 02 02.98	+23 36 18.0	2005 WG ₁₄₇	20.4 V	691	2007 EM ₂₂₂	2007 03 15.27716	10 28 51.13	+12 06 43.5	2007 EY ₁₀₀	22.2 V	G96
2005 XD ₁₁₈	2005 12 06.15935	05 02 01.85	+23 36 17.9	2005 WG ₁₄₇	20.2 V	691	2007 EM ₂₂₂	2007 03 15.28591	10 28 50.73	+12 06 45.2	2007 EY ₁₀₀	21.4 V	G96
2005 XD ₁₁₈	2005 12 06.17688	05 02 00.70	+23 36 18.0	2005 WG ₁₄₇	20.4 V	691	2007 FJ ₄₉ *	2007 03 16.30613	11 27 18.18	+03 59 16.0	2007 ET ₁₂₈	21.5 V	G96
2005 YH ₂₉₂ *	2005 12 27.26535	05 10 54.19	+18 58 30.7	2005 YJ ₄₄	20.8 V	G96	2007 FJ ₄₉	2007 03 16.31263	11 27 17.78	+03 59 18.7	2007 ET ₁₂₈	21.4 V	G96
2005 YH ₂₉₂	2005 12 27.27197	05 10 53.86	+18 58 30.7	2005 YJ ₄₄	20.1 V	G96	2007 FJ ₄₉	2007 03 16.31913	11 27 17.49	+03 59 21.0	2007 ET ₁₂₈	21.2 V	G96
2005 YH ₂₉₂	2005 12 27.27858	05 10 53.50	+18 58 30.2	2005 YJ ₄₄	20.4 V	G96	2007 FJ ₄₉	2007 03 16.32563	11 27 17.17	+03 59 23.6	2007 ET ₁₂₈	20.7 V	G96
2005 YH ₂₉₂	2005 12 27.28520	05 10 53.11	+18 58 30.6	2005 YJ ₄₄	20.0 V	G96	2007 FK ₄₉ *	2007 03 16.20562	11 50 08.68	+05 04 23.3	2007 EM ₁₄₅	21.3 V	691
2005 YJ ₂₉₂ *	2005 12 27.34673	07 34 29.78	+19 17 21.9	2006 AK ₁₂	21.5 V	G96	2007 FK ₄₉	2007 03 16.22332	11 50 07.75	+05 04 26.5	2007 EM ₁₄₅	22.0 V	691
2005 YJ ₂₉₂	2005 12 27.35337	07 34 29.35	+19 17 21.7	2006 AK ₁₂	20.7 V	G96	2007 FK ₄₉	2007 03 16.24103	11 50 06.86	+05 04 29.3	2007 EM ₁₄₅	21.7 V	691
2005 YJ ₂₉₂	2005 12 27.36003	07 34 29.10	+19 17 22.3	2006 AK ₁₂	21.6 V	G96	2007 GQ ₇₆ *	2007 04 07.24089	11 44 01.06	+02 07 57.8	2007 FS ₁₉	21.3 V	G96
2005 YJ ₂₉₂	2005 12 27.36671	07 34 28.63	+19 17 21.7	2006 AK ₁₂	21.7 V	G96	2007 GQ ₇₆	2007 04 07.24758	11 44 00.78	+02 08 00.0	2007 FS ₁₉	21.8 V	G96
2005 YK ₂₉₂ *	2005 12 28.47591	08 23 24.85	+14 39 19.2	2005 YF ₉₃	20.9 V	691	2007 GQ ₇₆	2007 04 07.25424	11 44 00.49	+02 08 02.3	2007 FS ₁₉	20.9 V	G96
2005 YK ₂₉₂	2005 12 28.49332	08 23 24.14	+14 39 19.3	2005 YF ₉₃	20.9 V	691	2007 GQ ₇₆	2007 04 07.26096	11 44 00.20	+02 08 05.2	2007 FS ₁₉	21.0 V	G96
2005 YK ₂₉₂	2005 12 28.51072	08 23 23.41	+14 39 19.8	2005 YF ₉₃	20.9 V	691	2007 GR ₇₆ *	2007 04 07.33209	13 16 19.34	-07 50 48.9	2007 FB ₃₀	19.8 V	G96
2006 AM ₁₀₆ *	2006 01 05.22243	07 16 49.75	+26 57 37.5	2005 YR ₂₁₆	20.9 V	691	2007 GR ₇₆	2007 04 07.33965	13 16 19.02	-07 50 45.2	2007 FB ₃₀	19.6 V	G96
2006 AM ₁₀₆	2006 01 05.23986	07 16 48.68	+26 57 41.0	2005 YR ₂₁₆	20.9 V	691	2007 GR ₇₆	2007 04 07.34730	13 16 18.66	-07 50 41.8	2007 FB ₃₀	19.7 V	G96

2007 GR ₇₆	2007 04 07.35484	13 16 18.33	-07 50 38.4	2007 FB ₃₀	19.7 V	G96	2008 YD ₁₆₆	2008 12 21.23428	03 13 28.27	+15 59 51.2	2008 UA ₁₄₇	21.4 V	G96
2007 GS ₇₆	* 2007 04 11.26417	11 42 13.96	+00 30 17.1	2007 EY ₃₆	20.7 V	G96	2009 QK ₅₇	* 2009 08 30.38271	23 02 39.14	-03 06 00.3	2009 QJ ₃₅	19.8 C	H10
2007 GS ₇₆	2007 04 11.27144	11 42 13.60	+00 30 19.3	2007 EY ₃₆	20.5 V	G96	2009 QK ₅₇	2009 08 30.38980	23 02 38.78	-03 05 59.6	2009 QJ ₃₅	19.3 C	H10
2007 GS ₇₆	2007 04 11.27872	11 42 13.28	+00 30 22.1	2007 EY ₃₆	20.8 V	G96	2009 QK ₅₇	2009 08 30.39691	23 02 38.34	-03 05 58.2	2009 QJ ₃₅	19.1 C	H10
2007 GS ₇₆	2007 04 11.28604	11 42 12.88	+00 30 24.3	2007 EY ₃₆	20.7 V	G96	2009 QL ₅₇	* 2009 08 27.17925	21 28 43.86	+03 09 35.7	2009 PN ₅	20.0 V	703
2007 HX ₉₆	* 2007 04 26.14836	12 32 57.80	+01 45 30.0	2007 ED ₁₀₈	20.4 V	G96	2009 QL ₅₇	2009 08 27.18649	21 28 43.57	+03 09 34.9	2009 PN ₅	19.2 V	703
2007 HX ₉₆	2007 04 26.15303	12 32 57.66	+01 45 31.1	2007 ED ₁₀₈	20.3 V	G96	2009 QL ₅₇	2009 08 27.19374	21 28 43.17	+03 09 33.0	2009 PN ₅	18.7 V	703
2007 HX ₉₆	2007 04 26.15773	12 32 57.51	+01 45 33.3	2007 ED ₁₀₈	20.9 V	G96	2009 QL ₅₇	2009 08 27.20094	21 28 42.85	+03 09 31.9	2009 PN ₅	19.2 V	703
2007 HX ₉₆	2007 04 26.16244	12 32 57.33	+01 45 34.5	2007 ED ₁₀₈	21.2 V	G96	2009 RU ₇₂	* 2009 09 10.33798	23 15 42.19	+00 59 52.1	2006 ST ₃₇₂	18.6 V	703
2007 KL ₉	* 2007 05 16.25983	13 54 34.84	-15 09 41.9	2007 HA ₃₂	20.6 V	G96	2009 RU ₇₂	2009 09 10.34282	23 15 42.01	+00 59 49.8	2006 ST ₃₇₂	18.3 V	703
2007 KL ₉	2007 05 16.26716	13 54 34.52	-15 09 40.7	2007 HA ₃₂	21.2 V	G96	2009 RU ₇₂	2009 09 10.34774	23 15 41.68	+00 59 48.8	2006 ST ₃₇₂	18.7 V	703
2007 KL ₉	2007 05 16.27435	13 54 34.23	-15 09 40.7	2007 HA ₃₂	20.9 V	G96	2009 RU ₇₂	2009 09 10.35273	23 15 41.43	+00 59 46.8	2006 ST ₃₇₂	18.8 V	703
2007 KL ₉	2007 05 16.28163	13 54 33.84	-15 09 39.7	2007 HA ₃₂	20.5 V	G96	2009 SU ₃₄₁	* 2009 09 19.53962	23 53 43.97	+09 41 04.3	2009 SC ₁₇	18.2 R	D29
2007 RT ₃₀₉	* 2007 09 12.37258	23 24 39.47	-04 58 30.2	2007 RS ₈₄	291		2009 SU ₃₄₁	2009 09 19.55282	23 53 43.12	+09 41 02.2	2009 SC ₁₇	17.8 R	D29
2007 RT ₃₀₉	2007 09 12.37653	23 24 39.25	-04 58 30.3	2007 RS ₈₄	291		2009 SU ₃₄₁	2009 09 19.56521	23 53 42.30	+09 41 01.1	2009 SC ₁₇	18.2 R	D29
2007 RT ₃₀₉	2007 09 12.38149	23 24 38.98	-04 58 31.5	2007 RS ₈₄	291		2009 SU ₃₄₁	2009 09 19.58078	23 53 41.32	+09 41 00.2	2009 SC ₁₇	18.7 R	D29
2008 HC ₇₀	* 2008 04 27.36703	14 57 30.63	-13 16 21.6	2008 GO ₇₉	20.9 V	G96	2009 SV ₃₄₁	* 2009 09 22.38470	01 55 39.68	+06 56 44.8	2009 SJ ₁₃₃	21.7 V	691
2008 HC ₇₀	2008 04 27.37234	14 57 30.38	-13 16 20.0	2008 GO ₇₉	19.6 V	G96	2009 SV ₃₄₁	2009 09 22.40233	01 55 39.05	+06 56 41.7	2009 SJ ₁₃₃	21.6 V	691
2008 HC ₇₀	2008 04 27.37762	14 57 30.09	-13 16 18.2	2008 GO ₇₉	20.9 V	G96	2009 SV ₃₄₁	2009 09 22.41997	01 55 38.45	+06 56 38.8	2009 SJ ₁₃₃	21.3 V	691
2008 HC ₇₀	2008 04 27.38289	14 57 29.80	-13 16 16.9	2008 GO ₇₉	21.6 V	G96	2009 SK ₃₄₆	* 2009 09 27.28668	00 21 18.25	+03 53 32.3	2009 SK ₂₄₇	20.6 V	G96
2008 TE ₁₇₇	* 2008 10 06.38389	01 17 54.09	+22 25 17.5	2008 TB ₄₃	20.0 V	703	2009 SK ₃₄₆	2009 09 27.29442	00 21 17.92	+03 53 29.9	2009 SK ₂₄₇	20.5 V	G96
2008 TE ₁₇₇	2008 10 06.38993	01 17 53.80	+22 25 17.1	2008 TB ₄₃	19.4 V	703	2009 SK ₃₄₆	2009 09 27.30222	00 21 17.60	+03 53 27.2	2009 SK ₂₄₇	20.8 V	G96
2008 TE ₁₇₇	2008 10 06.39602	01 17 53.41	+22 25 13.9	2008 TB ₄₃	19.2 V	703	2009 SK ₃₄₆	2009 09 27.30984	00 21 17.28	+03 53 24.6	2009 SK ₂₄₇	20.3 V	G96
2008 TE ₁₇₇	2008 10 06.40207	01 17 53.12	+22 25 13.8	2008 TB ₄₃	19.6 V	703	2009 SL ₃₄₈	* 2009 09 30.29498	01 31 23.80	+23 30 09.6	2009 SY ₃₃₃	21.2 V	G96
2008 UF ₃₅₅	* 2008 10 27.39186	04 07 11.46	+17 12 26.5	2008 TX ₁₇₅	20.2 V	G96	2009 SL ₃₄₈	2009 09 30.30111	01 31 23.55	+23 30 08.9	2009 SY ₃₃₃	21.3 V	G96
2008 UF ₃₅₅	2008 10 27.39777	04 07 11.17	+17 12 26.8	2008 TX ₁₇₅	19.6 V	G96	2009 SL ₃₄₈	2009 09 30.30733	01 31 23.23	+23 30 08.7	2009 SY ₃₃₃	20.9 V	G96
2008 UF ₃₅₅	2008 10 27.40368	04 07 10.95	+17 12 26.7	2008 TX ₁₇₅	19.6 V	G96	2009 SL ₃₄₈	2009 09 30.31343	01 31 23.01	+23 30 08.5	2009 SY ₃₃₃	21.0 V	G96
2008 UF ₃₅₅	2008 10 27.40963	04 07 10.66	+17 12 25.7	2008 TX ₁₇₅	19.5 V	G96	2009 SQ ₃₄₈	* 2009 09 29.21752	01 00 06.99	+04 35 26.1	2009 SV ₅	21.0 V	691
2008 UH ₃₆₀	* 2008 10 30.33981	02 54 54.68	+11 27 34.1	2008 UR ₃₀₀	291		2009 SQ ₃₄₈	2009 09 29.23543	01 00 06.12	+04 35 20.1	2009 SV ₅	21.4 V	691
2008 UH ₃₆₀	2008 10 30.34563	02 54 54.41	+11 27 31.2	2008 UR ₃₀₀	291		2009 SQ ₃₄₈	2009 09 29.25304	01 00 05.19	+04 35 14.7	2009 SV ₅	21.3 V	691
2008 UH ₃₆₀	2008 10 30.34954	02 54 54.22	+11 27 29.7	2008 UR ₃₀₀	291		2009 SR ₃₄₈	* 2009 09 27.20186	23 42 11.73	-03 51 26.6	2009 SG ₂₃₂	19.7 V	703
2008 US ₃₆₀	* 2008 10 26.22521	01 50 33.93	+11 10 57.7	2008 UN ₁₀₄	21.6 V	G96	2009 SR ₃₄₈	2009 09 27.21039	23 42 11.16	-03 51 27.5	2009 SG ₂₃₂	19.7 V	703
2008 US ₃₆₀	2008 10 26.23015	01 50 33.64	+11 10 56.8	2008 UN ₁₀₄	21.6 V	G96	2009 SR ₃₄₈	2009 09 27.21896	23 42 10.65	-03 51 27.3	2009 SG ₂₃₂	19.1 V	703
2008 US ₃₆₀	2008 10 26.23507	01 50 33.32	+11 10 56.0	2008 UN ₁₀₄	21.4 V	G96	2009 SR ₃₄₈	2009 09 27.22762	23 42 10.11	-03 51 28.3	2009 SG ₂₃₂	19.3 V	703
2008 US ₃₆₀	2008 10 26.24001	01 50 33.07	+11 10 55.2	2008 UN ₁₀₄	21.6 V	G96	2009 SS ₃₄₈	* 2009 09 21.42134	02 14 06.37	+07 44 23.3	2009 SY ₆₆	20.6 V	691
2008 UT ₃₆₀	* 2008 10 30.26252	02 31 58.11	+08 50 17.4	2008 US ₂₂₅	20.2 V	703	2009 SS ₃₄₈	2009 09 21.44193	02 14 05.85	+07 44 18.0	2009 SY ₆₆	20.6 V	691
2008 UT ₃₆₀	2008 10 30.27167	02 31 57.57	+08 50 14.9	2008 US ₂₂₅	19.8 V	703	2009 SS ₃₄₈	2009 09 21.45956	02 14 05.41	+07 44 13.4	2009 SY ₆₆	20.7 V	691
2008 UT ₃₆₀	2008 10 30.28088	02 31 57.07	+08 50 12.2	2008 US ₂₂₅	20.4 V	703	2009 ST ₃₄₈	* 2009 09 20.30958	01 35 58.56	+05 58 53.3	2009 SD ₃₁	20.6 V	691
2008 UT ₃₆₀	2008 10 30.28997	02 31 56.56	+08 50 10.4	2008 US ₂₂₅	20.1 V	703	2009 ST ₃₄₈	2009 09 20.32720	01 35 57.98	+05 58 47.3	2009 SD ₃₁	20.4 V	691
2008 WB ₁₃₁	* 2008 11 19.29949	03 45 34.81	+16 42 43.4	2008 TX ₁₇₅	20.1 V	G96	2009 ST ₃₄₈	2009 09 20.34483	01 35 57.38	+05 58 41.3	2009 SD ₃₁	20.4 V	691
2008 WB ₁₃₁	2008 11 19.30500	03 45 34.41	+16 42 43.1	2008 TX ₁₇₅	19.8 V	G96	2009 SU ₃₄₈	* 2009 09 19.18671	00 29 25.19	+02 35 03.2	2009 RP ₃₃	691	
2008 WB ₁₃₁	2008 11 19.31052	03 45 34.05	+16 42 42.6	2008 TX ₁₇₅	20.1 V	G96	2009 SU ₃₄₈	2009 09 19.20433	00 29 24.36	+02 34 58.1	2009 RP ₃₃	691	
2008 WB ₁₃₁	2008 11 19.31602	03 45 33.69	+16 42 42.0	2008 TX ₁₇₅	19.9 V	G96	2009 SU ₃₄₈	2009 09 19.22194	00 29 23.54	+02 34 53.1	2009 RP ₃₃	691	
2008 WK ₁₃₁	* 2008 11 19.24686	03 25 28.59	+19 01 34.3	2008 WP ₁₀	21.1 V	G96	2009 SV ₃₄₈	* 2009 09 30.29741	01 40 10.72	+09 04 22.5	2009 SB ₂₂₉	20.0 R	850
2008 WK ₁₃₁	2008 11 19.25245	03 25 28.27	+19 01 33.7	2008 WP ₁₀	21.4 V	G96	2009 SV ₃₄₈	2009 09 30.31236	01 40 10.01	+09 04 20.9	2009 SB ₂₂₉	20.3 R	850
2008 WK ₁₃₁	2008 11 19.25807	03 25 27.98	+19 01 32.9	2008 WP ₁₀	21.3 V	G96	2009 SW ₃₄₈	* 2009 09 21.37281	01 36 06.82	+16 10 46.5	2009 SO ₈₆	21.3 V	691
2008 WK ₁₃₁	2008 11 19.26381	03 25 27.62	+19 01 31.5	2008 WP ₁₀	21.3 V	G96	2009 SW ₃₄₈	2009 09 21.39048	01 36 06.13	+16 10 44.1	2009 SO ₈₆	21.3 V	691
2008 XE ₅₂	* 2008 12 04.20119	04 47 12.82	+23 47 20.8	2008 WG ₁₁₉	20.3 V	691	2009 SW ₃₄₈	2009 09 21.40817	01 36 05.39	+16 10 42.3	2009 SO ₈₆	21.0 V	691
2008 XE ₅₂	2008 12 04.21887	04 47 11.55	+23 47 21.5	2008 WG ₁₁₉	20.5 V	691	2009 SX ₃₄₈	* 2009 09 20.35176	01 42 53.48	+14 25 06.8	2009 SK ₃₃	21.0 V	691
2008 XE ₅₂	2008 12 04.24029	04 47 10.05	+23 47 23.7	2008 WG ₁₁₉	19.8 V	691	2009 SX ₃₄₈	2009 09 20.36940	01 42 52.97	+14 25 02.1	2009 SK ₃₃	20.9 V	691
2008 YD ₁₆₆	* 2008 12 21.21960	03 13 28.56	+15 59 55.1	2008 UA ₁₄₇	21.0 V	G96	2009 SX ₃₄₈	2009 09 20.38707	01 42 52.43	+14 24 57.8	2009 SK ₃₃	20.9 V	691
2008 YD ₁₆₆	2008 12 21.22449	03 13 28.41	+15 59 53.7	2008 UA ₁₄₇	20.7 V	G96	2009 TX ₄₁	* 2009 10 14.21610	01 29 35.05	+09 08 06.5	2009 SW ₁₂₉	21.1 V	G96
2008 YD ₁₆₆	2008 12 21.22942	03 13 28.38	+15 59 52.7	2008 UA ₁₄₇	21.0 V	G96	2009 TX ₄₁	2009 10 14.22224	01 29 34.69	+09 08 05.2	2009 SW ₁₂₉	21.4 V	G96

2009 TX ₄₁	2009 10 14.22841	01 29 34.33	+09 08 04.2	2009 SW ₁₂₉	21.0 V	G96
2009 TX ₄₁	2009 10 14.23464	01 29 34.00	+09 08 02.8	2009 SW ₁₂₉	21.8 V	G96
2009 UH ₁₃₆	* 2009 10 21.31456	01 12 59.22	+07 39 08.8	2009 RJ ₄₅	20.3 V	G96
2009 UH ₁₃₆	2009 10 21.32071	01 12 58.89	+07 39 05.9	2009 RJ ₄₅	20.7 V	G96
2009 UH ₁₃₆	2009 10 21.32682	01 12 58.60	+07 39 03.5	2009 RJ ₄₅	20.6 V	G96
2009 UH ₁₃₆	2009 10 21.33287	01 12 58.24	+07 39 01.1	2009 RJ ₄₅	20.5 V	G96
2009 UN ₁₃₉	* 2009 10 16.46517	05 12 27.72	+21 29 46.3	2009 SO ₃₃₉	20.6 V	G96
2009 UN ₁₃₉	2009 10 16.47775	05 12 27.61	+21 29 48.6	2009 SO ₃₃₉	20.4 V	G96
2009 UN ₁₃₉	2009 10 16.48405	05 12 27.54	+21 29 49.9	2009 SO ₃₃₉	20.6 V	G96
2009 UQ ₁₃₉	* 2009 10 21.66614	02 24 11.30	+15 46 21.4	2009 UD ₁₄	19.9 R	300
2009 UQ ₁₃₉	2009 10 21.67148	02 24 11.06	+15 46 20.1	2009 UD ₁₄	19.9 R	300
2009 UQ ₁₃₉	2009 10 21.67503	02 24 10.87	+15 46 19.4	2009 UD ₁₄	19.8 R	300
2009 UY ₁₃₉	* 2009 10 29.26825	04 17 39.95	+19 00 12.4	2009 UH ₁₂₈		291
2009 UY ₁₃₉	2009 10 29.27571	04 17 39.61	+19 00 11.3	2009 UH ₁₂₈		291
2009 UY ₁₃₉	2009 10 29.28314	04 17 39.26	+19 00 09.8	2009 UH ₁₂₈		291
2009 UA ₁₄₀	* 2009 10 25.22022	02 54 51.87	+20 39 54.0	2009 TZ ₃₇	19.0 V	703
2009 UA ₁₄₀	2009 10 25.22911	02 54 51.30	+20 39 52.3	2009 TZ ₃₇	19.7 V	703
2009 UA ₁₄₀	2009 10 25.23800	02 54 50.79	+20 39 53.5	2009 TZ ₃₇	18.9 V	703
2009 UA ₁₄₀	2009 10 25.24683	02 54 50.29	+20 39 53.1	2009 TZ ₃₇	19.5 V	703
2009 VQ ₄₂	* 2009 11 07.29561	02 23 50.06	+20 16 10.6	2009 TH ₂	20.2 V	G68
2009 VQ ₄₂	2009 11 07.30672	02 23 49.35	+20 16 06.2	2009 TH ₂	20.3 V	G68
2009 VQ ₄₂	2009 11 07.31644	02 23 48.82	+20 16 02.1	2009 TH ₂	19.8 V	G68
2009 VW ₅₈	* 2009 11 08.36068	03 02 17.12	+15 39 31.5	2009 UE ₉₈	19.9 V	G96
2009 VW ₅₈	2009 11 08.36639	03 02 16.80	+15 39 31.2	2009 UE ₉₈	19.9 V	G96
2009 VW ₅₈	2009 11 08.37225	03 02 16.47	+15 39 30.4	2009 UE ₉₈	19.8 V	G96
2009 VB ₈₁	* 2009 11 06.20545	01 35 20.14	+22 58 35.0	2009 UA ₁₃₃	20.0 V	703
2009 VB ₈₁	2009 11 06.21149	01 35 19.89	+22 58 30.7	2009 UA ₁₃₃	19.3 V	703
2009 VB ₈₁	2009 11 06.21745	01 35 19.50	+22 58 30.0	2009 UA ₁₃₃	19.4 V	703
2009 VB ₈₁	2009 11 06.22347	01 35 19.35	+22 58 27.1	2009 UA ₁₃₃	19.3 V	703
2009 VJ ₈₁	* 2009 11 06.35667	02 32 55.14	+13 02 57.9	2009 TS ₅	19.3 V	703
2009 VJ ₈₁	2009 11 06.36260	02 32 54.74	+13 02 54.8	2009 TS ₅	19.7 V	703
2009 VJ ₈₁	2009 11 06.36846	02 32 54.45	+13 02 51.6	2009 TS ₅	19.8 V	703
2009 VJ ₈₁	2009 11 06.37438	02 32 54.20	+13 02 49.7	2009 TS ₅	19.8 V	703
2009 VK ₈₁	* 2009 11 08.35560	03 01 19.02	+16 26 03.6	2009 UP ₂₉	18.6 V	G96
2009 VK ₈₁	2009 11 08.36126	03 01 18.73	+16 26 01.5	2009 UP ₂₉	18.7 V	G96
2009 VK ₈₁	2009 11 08.36704	03 01 18.44	+16 25 59.2	2009 UP ₂₉	18.9 V	G96
2009 VK ₈₁	2009 11 08.37282	03 01 18.15	+16 25 57.1	2009 UP ₂₉	18.9 V	G96
2009 VM ₈₁	* 2009 11 13.26853	01 56 27.62	+10 53 33.7	2009 VU ₄₀	20.0 V	G68
2009 VM ₈₁	2009 11 13.28219	01 56 27.01	+10 53 32.1	2009 VU ₄₀	19.8 V	G68
2009 VO ₈₁	* 2009 11 13.21019	01 38 12.57	+07 44 46.3	2009 VS ₄₀	21.1 R	850
2009 VO ₈₁	2009 11 13.24495	01 38 11.23	+07 44 42.9	2009 VS ₄₀	21.1 R	850

IDENTIFICATION

The following identification with a numbered minor planet, by G. V. Williams, continues the list on *MPC* 66630:

1999 OU₅ = (62980)

NUMBERING OF A PERIODIC COMET

Continuation to the list on *MPC* 67349.

229P/2009 S1 = 2001 Q10 (Gibbs)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 071 Rhozen. Observers A. Kostov, V. Ivanova. Measurers B. Bilkina, G. Apostolovska. 0.50-m $f/3.44$ Schmidt + CCD.
- 114 Engelhardt Observatory, Zelenchukskaya Station. Observers T. Kryachko, B. Satovski. Measurer T. Kryachko. 0.3-m $f/7.7$ reflector + CCD.
- 118 Modra. Observers L. Kornoš, P. Veres. 0.6-m $f/5.5$ reflector + CCD.
- 130 Lumezzane. Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini. Measurer W. Marinello. 0.40-m $f/4.5$ reflector + CCD.
- 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.
- 198 Wildberg. Observer R. Apitzsch. 0.35-m $f/4.2$ reflector + CCD.
- 204 Schiaparelli Observatory. Observer L. Buzzi. 0.38-m $f/6.8$ reflector + CCD, 0.60-m $f/4.64$ reflector + CCD.
- 212 Observatorio La Dehesilla. Observer I. Almendros L. 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.
- 249 SOHO. SOHO-LASCO coronagraph C3. Measurements by K. Battams, reductions by B. G. Marsden.
- 291 LPL/Spacewatch II. Observer J. V. Scotti. 1.8-m $f/2.7$ reflector + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 352 Konan. Observer M. Hotta. 0.25-m $f/6.0$ reflector + CCD.
- 355 Hadano. Observer A. Asami. 0.28-m $f/5.0$ reflector + CCD.
- 367 Yatsuka. Observer H. Abe. 0.26-m $f/6.0$ reflector + CCD.
- 372 Geisei. Observers T. Seki, K. Muraoka, S. Shimomoto. 0.70-m $f/7$ reflector + CCD.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 400 Kitami. Observer K. Endate. 0.30-m $f/3.8$ reflector + CCD.
- 415 Kambah. Observer D. Herald. 0.36-m $f/3.9$ Schmidt-Cassegrain + CCD.
- 423 North Ryde. Observer S. G. McAndrew. 0.20-m $f/4$ hyperbolic astrograph + CCD.
- 442 Gualba Observatory. Observer A. Sánchez. 0.36-m $f/7$ Schmidt-Cassegrain + CCD.
- 473 Remanzacco. Observers L. Donato, V. Gonano, E. Guido, V. Santini, G. Sostero. 0.45-m $f/4.4$ Newtonian reflector + CCD.
- 583 Odessa-Mayaki. Observers S. Kashuba, V. Kashuba, Yu. Gorbaney, S. Podlesnyak, A. Movchan, A. Klabukova, V. Derevyagin, R. Shepelenko, I. Shepelenko. Measurer I. Stogneevea. 0.60-m $f/8.0$ Ritchey-Chrétien + CCD.
- 585 Kiev comet station. Observers A. Baransky, K. Barinova. 0.7-m $f/4$ reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers R. Bamberg, E. F. Helin, S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano. Measurers R. J. Bouma, R. Matson. 1.2-m reflector + CCD.

- 644 Palomar Mountain/NEAT. Observers R. Bamberg, E. F. Helin, S. Pravdo, M. Hicks, K. Lawrence, R. Thicksten. Measurers H. Bill, R. Matson. 1.2-m Schmidt + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observer D. Mayes. 0.6-m $f/16$ Cassegrain + CCD.
- 682 Kanab. Observer E. Sheridan. 0.40-m $f/5$ Schmidt-Cassegrain + CCD.
- 683 Goodricke-Pigott Observatory, Tucson. Observer R. Tucker. 0.35-m reflector + CCD.
- 691 Steward Observatory, Kitt Peak. Observers J. V. Scotti, T. H. Bressi, R. S. McMillan. 0.9-m $f/3$ reflector + CCD.
- 703 Catalina Sky Survey. Observers A. Boattini, R. A. Kowalski, R. E. Hill, 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.
- 750 Hobbs Observatory, Fall Creek. Observer N. Moritz. Measurer R. Elliott. 0.60-m $f/5$ reflector + CCD.
- 808 El Leoncito. Observers H. S. L pez, J. E. Torres. Measurer H. S. L pez. 0.5-m $f/7.5$ double astrograph + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, S. D. Harris, T. D. Moore, M. Z. Georgieva, L. E. Walters, K. R. Wakefield, A. Z. Butler, J. L. Carter, C. A. Thaddeus, M. A. Cowan, M. B. Barry, J. R. Pippin, C. M. Allen. 0.30-m $f/3$ Schmidt-Cassegrain + CCD, 0.35-m $f/6$ 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-Chr tien + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 987 Isle of Man Observatory, Foxdale. Observer D. Storey. 0.40-m $f/10$ Schmidt-Cassegrain + CCD.
- A13 Observatoire Naef, Marly. Observer P. Kocher. 0.5-m $f/3.3$ Hypergraph + CCD.
- A71 Stixendorf. Observers P. Camilleri, E. Guido, M. J ger, E. Prosperi, G. Sostero, W. Vollmann. Measurer W. Vollmann. 0.25-m $f/3.8$ 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. Observers F. Fratev, B. Borisov. Measurer F. Fratev. 0.35-m $f/3.4$ reflector + CCD.
- A81 Balzaretto Observatory, Rome. Observer L. Franco. 0.20-m $f/5.3$ reflector + CCD.
- A92 Urseanu Observatory, Bucharest. Observer A. Sonka. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- B18 Terskol. Observers M. Andreev, A. Sergeev, N. Parakhin, V. Kozlov, N. Karpov. Measurer M. Andreev. 0.35-m $f/10$ Schmidt-Cassegrain + CCD, 0.6-m $f/12.8$ reflector + CCD.
- B37 Obs. de L' Ametlla del Valles, Barcelona. Observers A. Garrig s S., T. Garrig s S., C. Garrig s S. Measurer A. Garrig s S. 0.51-m $f/4$ Newtonian reflector + CCD.
- B49 Paus Observatory, Sabadell. Observer J. Camarasa. 0.25-m $f/4$ Newtonian reflector + CCD.
- B51 Vallauris. Observer J. Nicolas. 0.28-m $f/6.5$ reflector + CCD.
- B54 Ager. Observer J. Bel. 0.30-m $f/6.5$ Schmidt-Cassegrain + CCD.
- B56 Observatorio Sant Pere, Matar . Observer J. Lopesino. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- B58 Polaris Observatory, Budapest. Observer  . K rp ti. Measurer K. S r n czky. 0.28-m $f/3.3$ Schmidt-Cassegrain + CCD.
- B59 Borken. Observer C. Overhaus. 0.1-m $f/9$ reflector + CCD.
- B66 Osservatorio di Casasco. Observer W. Borghini. 0.4-m $f/7.3$ Ritchey-Chr tien + 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.
- C08 Fiby. Observer J. Warell. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.
- C10 Maisoncelles. Observer J. F. Soulier. 0.255-m $f/4.7$ Newtonian reflector + CCD.
- D25 Tzec Maun Observatory, Pingelly. Observers A. Novichonok, A. Smirnov, S. Foglia, P. Concar, G. Galli, M. Tombelli, D. Chestnov. 0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ Newtonian reflector + CCD.
- D81 Nagano. Observer Y. Ohshima. 0.3-m $f/4.5$ reflector + CCD.
- D90 RAS Observatory, Moorook. Observer H. Sato. 0.30-m $f/6.5$ Ritchey-Chr tien + CCD, 0.30-m $f/9.5$ Ritchey-Chr tien + CCD.
- D92 Osaki. Observer T. Yusa. 0.30-m $f/8.2$ Cassegrain + CCD.
- D95 Kurihara. Observer T. Takahashi. 0.15-m $f/6.7$ refractor + CCD.
- E12 Siding Spring Survey. Observer G. J. Garradd. Measurers G. J. Garradd, R. H. McNaught. 0.5-m Uppsala Schmidt + CCD.
- E16 Grove Creek Observatory, Trunkey. Observers P. Camilleri, E. Guido, M. J ger, E. Prosperi, G. Sostero, W. Vollmann. Measurer P. Camilleri. 0.35-m $f/6$ 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.
- G96 Mt. Lemmon Survey. Observers A. R. Gibbs, E. Beshore, A. D. Grauer, S. M. Larson, S. F. Tornero, R. E. Hill, A. Boattini. 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 E. Bryssinck, H. Sato, E. Guido, G. Sostero. 0.10-m $f/5$ reflector + CCD, 0.25-m $f/3.4$ hyperbolic astrograph + CCD.
- H10 Tzec Maun Observatory, Mayhill. Observers A. Smirnov, S. Foglia, D. Chestnov, A. Novichonok, E. Bryssinck, T. Kryachko, S. Plaksa, L. Elenin, P. Concar, G. Galli, M. Tombelli, E. Schwab. 0.11-m $f/5.0$ refractor + CCD,

- 0.18-m $f/2.8$ Newtonian reflector + CCD, 0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.41-m $f/9$ Ritchey-Chrétien + CCD.
- H23 Pear Tree Observatory, Valparaíso. Observer T. Haugh. 0.25-m $f/5.4$ Newtonian reflector + 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. 0.31-m $f/3$ Schmidt-Cassegrain + CCD.
- I10 Campo Catino Austral Obs., San Pedro de Atacama. Observers A. Maury, F. Kugel, F. Mallia, T. Noel, J. Nicolas, H. Jacquinet, J. F. Soulier, A. Klotz, G. Sachot. Measurers F. Kugel, T. Noel, J. Nicolas, J. F. Soulier, G. Sachot. 0.4-m $f/8$ Ritchey-Chrétien + CCD.
- I19 Tanti. Observer C. Colazo. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I21 El Condor Observatory, Córdoba. Observer W. Robledo. 0.2-m $f/4.2$ Schmidt-Cassegrain + CCD.
- J01 Observatorio Cielo Profundo, Oviedo. Observer J. González. 0.10-m $f/6.3$ refractor + CCD, 0.20-m $f/7$ Schmidt-Cassegrain + CCD.
- J02 Busot. Observer R. García. 0.28-m $f/11$ Cassegrain + CCD, 0.35-m $f/10$ Cassegrain + CCD.
- J10 Alicante. Observer M. Rodríguez 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.
- 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.
- J31 La Axarquía. Observer J. Baez. 0.20-m $f/5.0$ reflector + CCD.
- J38 Observatorio La Vara, Valdés. Observer F. García. 0.25-m $f/8.1$ reflector + CCD.
- J40 Málaga. Observer J. M. Ruiz. 0.20-m $f/5$ Newtonian reflector + CCD.
- J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodríguez R. 0.20-m $f/4$ reflector + CCD.
- J47 Observatorio Nazaret. Observer G. Muler. Measurers J. M. Ruiz, G. Muler. 0.30-m 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 $f/10.0$ Schmidt-Cassegrain + CCD, 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.
- 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.
C/2002 L9 (NEAT)						
C/2002 L9	2002 07 06.38212		19 54 12.52	-29 41 18.5	17.6 N	644
C/2002 L9	2002 07 06.40306		19 54 11.95	-29 41 24.7	17.5 N	644
C/2002 L9	2002 07 06.42523		19 54 11.36	-29 41 31.4	17.6 N	644

C/2004 C1 (Larsen)						
C/2004 C1	2004 02 15.46118	10 15 32.49	+10 02 07.3	19.2 N	608	
C/2004 C1	2004 02 15.47204	10 15 32.28	+10 02 12.0	19.3 N	608	
C/2004 C1	2004 02 15.48303	10 15 32.05	+10 02 17.3	18.8 N	608	
P/2004 DO₂₉ (Spacewatch-LINEAR)						
P/2004 DO ₂₉	2004 02 18.43522	10 46 51.66	+10 56 12.3	18.9 N	608	
P/2004 DO ₂₉	2004 02 18.44538	10 46 51.39	+10 56 16.1	19.5 N	608	
P/2004 DO ₂₉	2004 02 18.45584	10 46 51.09	+10 56 19.6	18.9 N	608	
P/2004 DO ₂₉	2004 02 23.34971	10 44 42.90	+11 23 06.2	18.9 N	608	
P/2004 DO ₂₉	2004 02 23.36075	10 44 42.60	+11 23 09.6	19.2 N	608	
P/2004 DO ₂₉	2004 02 23.37186	10 44 42.25	+11 23 13.6	18.6 N	608	
C/2004 DZ₆₁ (Catalina-LINEAR)						
C/2004 DZ ₆₁	2004 01 17.65592	12 25 38.59	-14 06 07.4	19.3 N	608	
C/2004 DZ ₆₁	2004 01 19.54336	12 26 53.65	-13 40 34.9	19.7 N	608	
C/2004 DZ ₆₁	2004 01 19.55431	12 26 54.04	-13 40 25.4	19.7 N	608	
C/2004 DZ ₆₁	2004 01 19.56514	12 26 54.46	-13 40 16.6	19.9 T	608	
P/2005 JD₁₀₈ (Catalina-NEAT)						
P/2005 JD ₁₀₈	2005 07 27.32205	21 06 08.15	-12 03 31.1	17.9 N	608	
P/2005 JD ₁₀₈	2005 07 27.33322	21 06 07.83	-12 03 33.5	18.7 N	608	
P/2005 JD ₁₀₈	2005 07 27.34398	21 06 07.47	-12 03 34.2		608	
P/2005 JY₁₂₆ (Catalina)						
P/2005 JY ₁₂₆	2005 04 20.47175	16 24 24.78	-08 20 12.9		608	
P/2005 JY ₁₂₆	2005 04 20.49275	16 24 24.32	-08 20 02.2	19.5 N	608	
P/2005 L1 (McNaught)						
P/2005 L1	2005 07 20.29346	16 20 51.69	-12 51 18.6	17.1 N	608	
P/2005 L1	2005 07 20.30418	16 20 51.67	-12 51 20.5	17.5 N	608	
P/2005 L1	2005 07 20.31521	16 20 51.59	-12 51 22.1	17.4 N	608	
P/2005 L1	2005 08 02.28906	16 21 33.76	-13 35 28.5	17.2 N	608	
P/2005 L1	2005 08 02.29959	16 21 33.86	-13 35 30.9	17.7 N	608	
P/2005 L1	2005 08 02.31058	16 21 34.01	-13 35 33.3	18.3 N	608	
P/2005 L1	2005 08 19.31890	16 27 38.31	-14 43 54.7	17.8 N	608	
P/2005 L1	2005 08 19.32992	16 27 38.63	-14 43 57.5	17.7 N	608	
P/2005 L1	2005 08 19.34112	16 27 38.98	-14 44 00.7	17.6 N	608	
C/2005 L3 (McNaught)						
C/2005 L3	2009 09 19.79397	13 09 58.02	+30 45 58.1	15.6 N	C08	
C/2005 L3	2009 09 19.80132	13 09 58.22	+30 45 57.6	15.7 N	C08	
C/2005 L3	2009 10 30.83834	13 21 01.33	+29 58 42.2	15.5 T	349	
C/2005 L3	2009 10 30.84271	13 21 01.42	+29 58 42.9		349	
C/2005 L3	2009 10 31.50778	13 21 11.61	+29 59 03.0		H06	
C/2005 L3	2009 10 31.51161	13 21 11.66	+29 59 03.0	15.6 T	H06	
P/2005 N3 (Larson)						
P/2005 N3	2005 07 27.35145	21 12 21.84	-13 38 31.5	19.4 N	608	
P/2005 N3	2005 07 27.36238	21 12 21.35	-13 38 31.0		608	
P/2005 N3	2005 07 27.37322	21 12 20.82	-13 38 30.4	19.5 N	608	
C/2006 OF₂ (Broughton)						
C/2006 OF ₂	2009 10 25.48859	10 15 54.33	+08 30 10.6	16.3 T	H06	
C/2006 OF ₂	2009 10 25.49246	10 15 54.45	+08 30 09.1		H06	
C/2006 OF ₂	2009 10 26.15816	10 16 14.62	+08 26 06.4	17.3 N	204	
C/2006 OF ₂	2009 10 26.19379	10 16 15.71	+08 25 53.2		204	

C/2006 OF ₂	2009 11 02.79272	10 19 47.22	+07 41 03.7	15.3 T	349
C/2006 OF ₂	2009 11 02.80252	10 19 47.48	+07 41 00.5		349
C/2006 OF ₂	2009 11 06.42766	10 21 15.75	+07 20 32.5	16.7 T	H06
C/2006 OF ₂	2009 11 06.43150	10 21 15.85	+07 20 31.9		H06
C/2006 OF ₂	2009 11 07.80270	10 21 46.98	+07 12 56.2		349
C/2006 OF ₂	2009 11 07.80583	10 21 47.09	+07 12 54.9	15.9 T	349
C/2006 OF ₂	2009 11 13.16934	10 23 36.85	+06 44 08.2	15.9 T	J75
C/2006 OF ₂	2009 11 13.18200	10 23 36.99	+06 44 04.9	15.9 T	J75
C/2006 OF ₂	2009 11 13.19466	10 23 37.18	+06 43 59.7	15.9 T	J75
C/2006 OF ₂	2009 11 14.11213	10 23 54.06	+06 39 12.2	17.8 T	071
C/2006 OF ₂	2009 11 14.14403	10 23 54.70	+06 39 02.2	17.7 T	071
C/2006 OF ₂	2009 11 14.14774	10 23 54.80	+06 39 00.9	17.6 T	071
C/2006 OF ₂	2009 11 14.15146	10 23 54.84	+06 39 00.7	18.2 T	071
C/2006 OF ₂	2009 11 14.15516	10 23 54.92	+06 38 59.3	18.1 T	071
C/2006 OF ₂	2009 11 14.15889	10 23 54.97	+06 38 58.4	18.0 T	071
C/2006 OF ₂	2009 11 14.47594	10 24 00.65	+06 37 20.5	15.5 T	H06
C/2006 OF ₂	2009 11 14.48338	10 24 00.80	+06 37 19.1		H06
C/2006 OF ₂	2009 11 17.48567	10 24 50.85	+06 22 03.0	15.5 T	H06
C/2006 OF ₂	2009 11 17.49126	10 24 50.93	+06 22 00.9		H06
C/2006 OF ₂	2009 11 18.14288	10 25 00.85	+06 18 44.7	17.0 N	945
C/2006 OF ₂	2009 11 18.14589	10 25 01.01	+06 18 45.6	17.0 N	945
C/2006 OF ₂	2009 11 18.14906	10 25 01.13	+06 18 45.2	17.0 N	945
C/2006 OF ₂	2009 11 18.15198	10 25 01.09	+06 18 43.0	17.0 N	945
C/2006 OF ₂	2009 11 18.15791	10 25 01.25	+06 18 40.8	17.0 N	945
C/2006 OF ₂	2009 11 18.44931	10 25 05.61	+06 17 16.2	18.6 T	704
C/2006 OF ₂	2009 11 18.46187	10 25 05.76	+06 17 12.0	19.0 T	704
C/2006 OF ₂	2009 11 18.49951	10 25 06.37	+06 16 58.4	18.6 T	704
C/2006 OF ₂	2009 11 19.34778	10 25 18.68	+06 12 51.9	17.4 N	I10
C/2006 OF ₂	2009 11 19.34946	10 25 18.74	+06 12 51.1	17.4 N	I10
C/2006 OF ₂	2009 11 19.35113	10 25 18.67	+06 12 49.8	17.5 N	I10
C/2006 OF ₂	2009 11 22.19143	10 25 56.22	+05 59 08.6	16.5 T	215
C/2006 OF ₂	2009 11 22.19213	10 25 56.25	+05 59 08.5	16.8 T	215
C/2006 OF ₂	2009 11 22.19284	10 25 56.28	+05 59 08.0	17.7 T	215
C/2006 OF ₂	2009 11 26.31184	10 26 40.27	+05 40 10.1	17.7 N	I10
C/2006 OF ₂	2009 11 26.31336	10 26 40.31	+05 40 09.7	17.7 N	I10
C/2006 OF ₂	2009 11 26.31488	10 26 40.36	+05 40 09.1	17.6 N	I10
C/2006 OF ₂	2009 11 26.31644	10 26 40.32	+05 40 08.7	17.6 N	I10
C/2006 OF ₂	2009 11 26.31796	10 26 40.36	+05 40 08.4	17.5 N	I10
C/2006 OF ₂	2009 11 26.31949	10 26 40.35	+05 40 07.7	17.5 N	I10
C/2006 OF ₂	2009 11 27.43380	10 26 49.99	+05 35 09.0	17.5 N	H47
C/2006 OF ₂	2009 11 27.44329	10 26 50.10	+05 35 06.4	17.3 N	H47
C/2006 OF ₂	2009 11 29.27212	10 27 04.11	+05 26 56.0	18.0 N	J47

C/2006 Q1 (McNaught)

C/2006 Q1	2009 09 15.91949	16 22 03.80	+29 47 00.4	16.1 N	C08
C/2006 Q1	2009 09 15.92235	16 22 03.95	+29 46 59.0	16.0 N	C08
C/2006 Q1	2009 09 15.92600	16 22 04.07	+29 46 57.5	16.0 N	C08
C/2006 Q1	2009 10 07.89294	16 38 20.29	+27 47 22.2	16.6 N	C08
C/2006 Q1	2009 10 30.79679	16 58 22.53	+26 17 42.7	17.0 N	J47
C/2006 Q1	2009 10 30.80185	16 58 23.01	+26 17 42.9	17.4 N	J47
C/2006 Q1	2009 10 30.80693	16 58 23.34	+26 17 41.2	16.5 N	J47
C/2006 Q1	2009 10 31.40316	16 58 56.43	+26 15 56.3	16.1 T	349
C/2006 Q1	2009 10 31.40751	16 58 56.69	+26 15 55.1		349

C/2006 Q1	2009 11 03.41056	17 01 44.36	+26 07 30.3		900
C/2006 Q1	2009 11 03.41770	17 01 44.83	+26 07 29.8	16.4 N	900
C/2006 Q1	2009 11 06.06779	17 04 14.26	+26 00 40.8	15.6 T	703
C/2006 Q1	2009 11 06.07252	17 04 14.52	+26 00 39.2	15.6 T	703
C/2006 Q1	2009 11 06.07733	17 04 14.84	+26 00 39.0	15.6 T	703
C/2006 Q1	2009 11 06.08206	17 04 15.06	+26 00 38.3	15.5 T	703
C/2006 Q1	2009 11 11.72138	17 09 36.75	+25 48 19.0	16.8 N	204
C/2006 Q1	2009 11 11.75947	17 09 38.92	+25 48 14.4		204
C/2006 Q1	2009 11 16.74826	17 14 27.30	+25 39 45.5	16.6 N	939
C/2006 Q1	2009 11 16.75572	17 14 27.74	+25 39 44.1	16.6 N	939
C/2006 Q1	2009 11 16.76315	17 14 28.18	+25 39 43.2	16.6 N	939
C/2006 Q1	2009 11 18.72717	17 16 22.38	+25 37 01.4	17.6 T	215
C/2006 Q1	2009 11 18.72805	17 16 22.42	+25 37 01.4	17.4 T	215
C/2006 Q1	2009 11 18.72858	17 16 22.43	+25 37 01.3	17.2 T	215
C/2006 Q1	2009 11 23.38638	17 20 54.67	+25 32 04.8	16.3 T	349
C/2006 Q1	2009 11 23.38984	17 20 54.85	+25 32 04.5		349
C/2006 Q1	2009 11 23.77243	17 21 17.36	+25 31 46.0	17.7 N	J10
C/2006 Q1	2009 11 23.78495	17 21 18.05	+25 31 45.0	17.9 N	J10
C/2006 Q1	2009 11 24.75545	17 22 15.07	+25 31 00.5	16.8 N	939
C/2006 Q1	2009 11 24.76288	17 22 15.44	+25 31 00.0	16.7 N	939
C/2006 Q1	2009 11 24.77032	17 22 15.82	+25 30 58.9	16.8 N	939

C/2006 S3 (LONEOS)

C/2006 S3	2009 09 15.95698	22 06 28.06	+03 10 46.2	16.7 N	C08
C/2006 S3	2009 09 15.96307	22 06 27.85	+03 10 46.1	16.3 N	C08
C/2006 S3	2009 11 03.46127	21 42 41.57	+00 09 04.2	16.4 T	349
C/2006 S3	2009 11 03.46576	21 42 41.51	+00 09 03.0		349
C/2006 S3	2009 11 03.49117	21 42 41.06	+00 08 58.1		900
C/2006 S3	2009 11 03.49831	21 42 40.99	+00 08 56.7	17.1 T	900
C/2006 S3	2009 11 03.82180	21 42 35.26	+00 07 56.4	18.3 N	160
C/2006 S3	2009 11 03.87388	21 42 34.27	+00 07 48.2	18.5 N	J47
C/2006 S3	2009 11 03.87832	21 42 34.21	+00 07 47.2	18.7 N	J47
C/2006 S3	2009 11 03.88275	21 42 34.13	+00 07 46.1	18.6 N	J47
C/2006 S3	2009 11 04.79396	21 42 18.44	+00 05 01.0	17.4 N	J97
C/2006 S3	2009 11 04.80068	21 42 18.35	+00 04 59.3	17.4 N	J97
C/2006 S3	2009 11 04.80656	21 42 18.26	+00 04 57.5	17.4 N	J97
C/2006 S3	2009 11 05.03659	21 42 14.30	+00 04 17.5	16.9 N	H47
C/2006 S3	2009 11 05.04975	21 42 14.08	+00 04 15.4	17.0 N	H47
C/2006 S3	2009 11 05.06520	21 42 13.79	+00 04 12.2	17.5 N	H47
C/2006 S3	2009 11 05.08225	21 42 13.41	+00 04 08.9	17.2 N	H47
C/2006 S3	2009 11 05.09513	21 42 13.20	+00 04 05.7	17.0 N	H47
C/2006 S3	2009 11 05.74535	21 42 02.50	+00 02 10.9	16.6 N	A77
C/2006 S3	2009 11 07.02958	21 41 41.48	-00 01 36.4	17.4 N	H47
C/2006 S3	2009 11 07.04137	21 41 41.29	-00 01 38.3	17.5 N	H47
C/2006 S3	2009 11 07.05222	21 41 41.17	-00 01 40.1	16.4 N	H47
C/2006 S3	2009 11 07.69387	21 41 31.02	-00 03 32.7	17.4 N	B18
C/2006 S3	2009 11 07.69525	21 41 30.99	-00 03 32.7	17.5 N	B18
C/2006 S3	2009 11 07.69664	21 41 30.97	-00 03 33.2	17.4 N	B18
C/2006 S3	2009 11 07.69803	21 41 30.96	-00 03 33.2	17.3 N	B18
C/2006 S3	2009 11 07.69942	21 41 30.93	-00 03 33.7	17.3 N	B18
C/2006 S3	2009 11 07.82839	21 41 28.92	-00 03 54.5	17.4 N	939
C/2006 S3	2009 11 07.83859	21 41 28.77	-00 03 56.7	17.4 N	939
C/2006 S3	2009 11 07.84880	21 41 28.58	-00 03 58.5	17.4 N	939

C/2006 S3	2009 11 10.06396	21 40 55.60	-00 10 13.1	18.1 N	I10
C/2006 S3	2009 11 11.76062	21 40 32.15	-00 14 53.3	17.6 N	160
C/2006 S3	2009 11 11.76329	21 40 32.10	-00 14 53.7	17.7 N	160
C/2006 S3	2009 11 11.76574	21 40 32.08	-00 14 53.8	17.7 N	160
C/2006 S3	2009 11 12.85479	21 40 17.80	-00 17 47.6	17.5 N	J47
C/2006 S3	2009 11 12.86116	21 40 17.71	-00 17 48.9	18.8 N	J47
C/2006 S3	2009 11 12.86757	21 40 17.61	-00 17 49.2	17.5 N	J47
C/2006 S3	2009 11 16.86449	21 39 31.60	-00 27 48.3	17.1 N	J10
C/2006 S3	2009 11 16.87047	21 39 31.64	-00 27 49.8	17.3 N	J10
C/2006 S3	2009 11 16.87197	21 39 31.66	-00 27 49.9	17.5 N	J10
C/2006 S3	2009 11 18.06584	21 39 18.23	-00 30 53.7	18.0 T	750
C/2006 S3	2009 11 18.08072	21 39 18.07	-00 30 55.5	18.2 T	750
C/2006 S3	2009 11 18.09743	21 39 17.97	-00 30 57.9	17.9 T	750
C/2006 S3	2009 11 19.81498	21 39 01.31	-00 35 00.8	17.9 T	215
C/2006 S3	2009 11 19.81568	21 39 01.36	-00 35 00.0	17.2 T	215
C/2006 S3	2009 11 19.81639	21 39 01.35	-00 35 00.4	17.9 T	215
C/2006 S3	2009 11 22.02954	21 38 42.29	-00 39 57.1	18.3 N	I10
C/2006 S3	2009 11 23.81062	21 38 28.88	-00 43 46.8	17.0 N	J47

C/2006 W3 (Christensen)

C/2006 W3	2009 09 15.92797	19 28 39.43	+06 39 38.7	10.9 N	C08
C/2006 W3	2009 09 15.93237	19 28 39.17	+06 39 31.3	10.9 N	C08
C/2006 W3	2009 09 15.93590	19 28 38.93	+06 39 25.9	10.9 N	C08
C/2006 W3	2009 09 19.89564	19 24 38.81	+04 53 34.5	12.5 N	473
C/2006 W3	2009 09 26.80241	19 18 59.78	+02 00 44.6	12.6 N	473
C/2006 W3	2009 09 26.80346	19 18 59.74	+02 00 43.3	12.6 N	473
C/2006 W3	2009 10 30.37814	19 10 29.06	-08 27 57.5	13.0 N	379
C/2006 W3	2009 10 30.37944	19 10 29.07	-08 27 58.6	13.0 N	379
C/2006 W3	2009 10 30.38502	19 10 29.10	-08 28 03.2	13.1 N	379
C/2006 W3	2009 10 30.38632	19 10 29.11	-08 28 04.3	13.0 N	379
C/2006 W3	2009 10 30.38762	19 10 29.15	-08 28 05.3	13.1 N	379
C/2006 W3	2009 10 30.75302	19 10 31.57	-08 33 15.7	12.7 N	B74
C/2006 W3	2009 10 30.75545	19 10 31.58	-08 33 17.7	12.7 N	B74
C/2006 W3	2009 10 30.76149	19 10 31.63	-08 33 23.0	12.7 N	B74
C/2006 W3	2009 10 30.83282	19 10 32.11	-08 34 22.5	12.7 N	J47
C/2006 W3	2009 10 30.83514	19 10 32.13	-08 34 24.2	13.7 N	J47
C/2006 W3	2009 10 30.83976	19 10 32.17	-08 34 28.4	12.6 N	J47
C/2006 W3	2009 10 31.38620	19 10 36.11	-08 42 07.7	13.1 N	379
C/2006 W3	2009 10 31.39300	19 10 36.13	-08 42 13.3	12.9 N	379
C/2006 W3	2009 10 31.39743	19 10 36.17	-08 42 17.1	12.9 N	379
C/2006 W3	2009 10 31.39873	19 10 36.19	-08 42 17.8	12.9 N	379
C/2006 W3	2009 11 02.82514	19 10 57.17	-09 15 27.2	12.6 N	J47
C/2006 W3	2009 11 02.83260	19 10 57.24	-09 15 33.3	12.7 N	J47
C/2006 W3	2009 11 02.83861	19 10 57.28	-09 15 38.3	12.7 N	J47
C/2006 W3	2009 11 03.37186	19 11 02.70	-09 22 44.8	13.0 N	379
C/2006 W3	2009 11 03.38139	19 11 02.78	-09 22 53.1	13.1 N	379
C/2006 W3	2009 11 03.38267	19 11 02.78	-09 22 54.1	13.1 N	379
C/2006 W3	2009 11 03.42475	19 11 03.18	-09 23 27.2		900
C/2006 W3	2009 11 03.42840	19 11 03.21	-09 23 30.2	12.8 N	900
C/2006 W3	2009 11 03.74132	19 11 06.58	-09 27 39.1	13.9 N	160
C/2006 W3	2009 11 03.74347	19 11 06.60	-09 27 40.9	13.8 N	160
C/2006 W3	2009 11 03.74562	19 11 06.64	-09 27 42.5	13.9 N	160
C/2006 W3	2009 11 03.82666	19 11 07.44	-09 28 46.5	12.6 N	213

C/2006 W3	2009 11 03.82882	19 11 07.49	-09 28 47.9	12.6 N	213
C/2006 W3	2009 11 03.83113	19 11 07.50	-09 28 50.1	12.6 N	213
C/2006 W3	2009 11 04.00459	19 11 09.39	-09 31 07.1	13.1 N	H47
C/2006 W3	2009 11 04.01258	19 11 09.47	-09 31 13.4	13.1 N	H47
C/2006 W3	2009 11 04.02025	19 11 09.54	-09 31 19.4	13.2 N	H47
C/2006 W3	2009 11 04.37391	19 11 13.50	-09 35 57.4	13.1 N	379
C/2006 W3	2009 11 04.37521	19 11 13.51	-09 35 58.4	13.1 N	379
C/2006 W3	2009 11 04.80237	19 11 18.34	-09 41 32.4	14.1 N	J02
C/2006 W3	2009 11 04.82236	19 11 18.61	-09 41 47.9	12.7 N	J47
C/2006 W3	2009 11 04.82561	19 11 18.61	-09 41 50.5	12.7 N	J47
C/2006 W3	2009 11 04.82892	19 11 18.64	-09 41 53.2	12.7 N	J47
C/2006 W3	2009 11 05.00884	19 11 20.80	-09 44 13.2	13.6 N	H47
C/2006 W3	2009 11 05.01376	19 11 20.83	-09 44 17.1	13.3 N	H47
C/2006 W3	2009 11 05.01809	19 11 20.89	-09 44 20.4	13.6 N	H47
C/2006 W3	2009 11 05.02741	19 11 21.00	-09 44 27.9	13.6 N	H45
C/2006 W3	2009 11 05.02889	19 11 21.02	-09 44 29.1	13.6 N	H45
C/2006 W3	2009 11 05.03176	19 11 21.05	-09 44 31.3	13.7 N	H45
C/2006 W3	2009 11 05.03549	19 11 21.09	-09 44 34.2	13.5 N	H45
C/2006 W3	2009 11 05.03730	19 11 21.12	-09 44 35.5	13.7 N	H45
C/2006 W3	2009 11 05.03972	19 11 21.15	-09 44 37.4	13.7 N	H45
C/2006 W3	2009 11 05.73587	19 11 29.59	-09 53 34.9	12.5 N	A71
C/2006 W3	2009 11 05.73709	19 11 29.57	-09 53 36.0	12.5 N	A71
C/2006 W3	2009 11 05.73830	19 11 29.61	-09 53 37.0	12.5 N	A71
C/2006 W3	2009 11 05.73950	19 11 29.61	-09 53 37.7	12.5 N	A71
C/2006 W3	2009 11 05.74071	19 11 29.62	-09 53 39.1	12.5 N	A71
C/2006 W3	2009 11 06.03704	19 11 33.29	-09 57 22.8	14.2 N	I10
C/2006 W3	2009 11 06.04655	19 11 33.41	-09 57 30.6	14.2 N	I10
C/2006 W3	2009 11 06.05446	19 11 33.52	-09 57 36.5	14.3 N	I10
C/2006 W3	2009 11 06.36154	19 11 37.50	-10 01 32.5	13.1 N	379
C/2006 W3	2009 11 06.36979	19 11 37.64	-10 01 38.8	12.9 N	379
C/2006 W3	2009 11 06.37900	19 11 37.73	-10 01 46.1	14.0 N	D95
C/2006 W3	2009 11 07.00236	19 11 46.01	-10 09 37.5	13.7 N	H47
C/2006 W3	2009 11 07.00751	19 11 46.05	-10 09 41.2	13.6 N	H47
C/2006 W3	2009 11 07.01202	19 11 46.13	-10 09 44.7	13.6 N	H47
C/2006 W3	2009 11 07.01238	19 11 46.14	-10 09 45.1	13.5 N	H53
C/2006 W3	2009 11 07.01648	19 11 46.19	-10 09 48.0	14.0 N	H47
C/2006 W3	2009 11 07.01933	19 11 46.18	-10 09 50.3	13.4 N	H53
C/2006 W3	2009 11 07.02627	19 11 46.26	-10 09 55.6	13.3 N	H53
C/2006 W3	2009 11 07.03324	19 11 46.39	-10 10 00.5	13.4 N	H53
C/2006 W3	2009 11 07.04019	19 11 46.49	-10 10 06.4	13.3 N	H53
C/2006 W3	2009 11 07.04713	19 11 46.54	-10 10 10.6	13.3 N	H53
C/2006 W3	2009 11 07.40644	19 11 51.49	-10 14 40.7		367
C/2006 W3	2009 11 07.40765	19 11 51.51	-10 14 41.6	10.9 T	367
C/2006 W3	2009 11 07.42400	19 11 51.71	-10 14 53.8		352
C/2006 W3	2009 11 07.42847	19 11 51.81	-10 14 57.0		352
C/2006 W3	2009 11 07.43293	19 11 51.85	-10 15 00.3		352
C/2006 W3	2009 11 07.46064	19 11 52.22	-10 15 21.5	10.6 T	349
C/2006 W3	2009 11 07.46299	19 11 52.25	-10 15 23.1		349
C/2006 W3	2009 11 07.77145	19 11 56.57	-10 19 12.9	12.6 N	939
C/2006 W3	2009 11 07.77841	19 11 56.67	-10 19 18.2	12.6 N	939
C/2006 W3	2009 11 07.77973	19 11 56.78	-10 19 20.1	12.7 N	J47
C/2006 W3	2009 11 07.78538	19 11 56.76	-10 19 23.6	12.6 N	939
C/2006 W3	2009 11 07.81660	19 11 57.27	-10 19 46.9	12.6 N	J10

C/2006 W3	2009 11 07.81781	19 11 57.15	-10 19 46.6	13.3 N	J10	C/2006 W3	2009 11 13.72148	19 13 34.91	-11 29 36.3	14.6 T	071
C/2006 W3	2009 11 07.81903	19 11 57.29	-10 19 46.5	12.5 N	J10	C/2006 W3	2009 11 13.72310	19 13 34.82	-11 29 38.5	14.7 T	071
C/2006 W3	2009 11 08.00141	19 11 59.89	-10 22 03.2	13.6 N	H47	C/2006 W3	2009 11 13.72472	19 13 34.97	-11 29 38.7	14.7 T	071
C/2006 W3	2009 11 08.00707	19 11 59.97	-10 22 07.5	13.6 N	H47	C/2006 W3	2009 11 13.78499	19 13 36.10	-11 30 19.5	12.8 N	J47
C/2006 W3	2009 11 08.01215	19 12 00.03	-10 22 11.3	13.6 N	H47	C/2006 W3	2009 11 13.78929	19 13 36.18	-11 30 22.4	12.8 N	J47
C/2006 W3	2009 11 08.36126	19 12 05.13	-10 26 29.2	13.0 N	379	C/2006 W3	2009 11 13.79578	19 13 36.30	-11 30 26.8	12.8 N	J47
C/2006 W3	2009 11 08.36691	19 12 05.19	-10 26 33.2	13.0 N	379	C/2006 W3	2009 11 14.37662	19 13 47.33	-11 36 58.5	13.2 N	379
C/2006 W3	2009 11 08.36968	19 12 05.22	-10 26 35.4	12.9 N	379	C/2006 W3	2009 11 14.37793	19 13 47.35	-11 36 59.4	13.1 N	379
C/2006 W3	2009 11 08.37095	19 12 05.23	-10 26 36.3	12.9 N	379	C/2006 W3	2009 11 14.37924	19 13 47.41	-11 36 59.4	13.2 N	379
C/2006 W3	2009 11 09.80731	19 12 27.07	-10 44 02.3	12.7 N	J47	C/2006 W3	2009 11 14.42651	19 13 48.32	-11 37 31.8	12.8 N	900
C/2006 W3	2009 11 09.80977	19 12 27.13	-10 44 03.9	13.6 N	J47	C/2006 W3	2009 11 14.43016	19 13 48.38	-11 37 33.8		900
C/2006 W3	2009 11 09.81385	19 12 27.19	-10 44 07.0	12.7 N	J47	C/2006 W3	2009 11 14.99997	19 13 59.49	-11 43 54.1	13.5 N	H47
C/2006 W3	2009 11 10.01563	19 12 30.38	-10 46 29.8	13.9 N	I10	C/2006 W3	2009 11 15.00872	19 13 59.65	-11 44 00.0	13.4 N	H47
C/2006 W3	2009 11 10.01713	19 12 30.40	-10 46 31.0	13.9 N	I10	C/2006 W3	2009 11 15.01949	19 13 59.85	-11 44 07.0	13.3 N	H47
C/2006 W3	2009 11 10.01868	19 12 30.42	-10 46 32.1	13.9 N	I10	C/2006 W3	2009 11 15.78493	19 14 15.21	-11 52 32.5	12.8 N	J47
C/2006 W3	2009 11 10.80976	19 12 43.28	-10 55 59.4	12.5 N	J47	C/2006 W3	2009 11 15.79606	19 14 15.43	-11 52 39.8	14.3 N	J47
C/2006 W3	2009 11 10.81981	19 12 43.39	-10 56 04.7	12.4 N	J47	C/2006 W3	2009 11 15.80712	19 14 15.65	-11 52 47.1	12.8 N	J47
C/2006 W3	2009 11 10.82653	19 12 43.58	-10 56 10.4	12.6 N	J47	C/2006 W3	2009 11 15.85284	19 14 16.54	-11 53 16.2	12.6 N	J45
C/2006 W3	2009 11 10.99735	19 12 46.50	-10 58 11.4	13.6 N	H47	C/2006 W3	2009 11 15.87400	19 14 16.91	-11 53 29.7	12.6 N	J45
C/2006 W3	2009 11 11.00120	19 12 46.54	-10 58 14.4	13.5 N	H47	C/2006 W3	2009 11 16.76741	19 14 35.40	-12 03 12.7	12.7 N	939
C/2006 W3	2009 11 11.00378	19 12 46.58	-10 58 16.0	13.5 N	H47	C/2006 W3	2009 11 16.77205	19 14 35.49	-12 03 15.7	12.7 N	939
C/2006 W3	2009 11 11.00633	19 12 46.62	-10 58 17.6	13.5 N	H47	C/2006 W3	2009 11 16.77670	19 14 35.58	-12 03 18.7	12.7 N	939
C/2006 W3	2009 11 11.00943	19 12 46.65	-10 58 20.0	13.8 N	H47	C/2006 W3	2009 11 17.82060	19 14 57.83	-12 14 28.1	12.8 N	J38
C/2006 W3	2009 11 11.71681	19 12 58.75	-11 06 37.3	14.0 N	160	C/2006 W3	2009 11 17.82350	19 14 57.86	-12 14 29.9	12.8 N	J38
C/2006 W3	2009 11 11.71850	19 12 58.78	-11 06 38.5	14.0 N	160	C/2006 W3	2009 11 17.82495	19 14 57.89	-12 14 30.5	12.7 N	J38
C/2006 W3	2009 11 11.72017	19 12 58.81	-11 06 39.7	13.9 N	160	C/2006 W3	2009 11 18.70773	19 15 17.11	-12 23 49.0	12.7 N	215
C/2006 W3	2009 11 11.74370	19 12 59.18	-11 06 56.2	13.1 N	A81	C/2006 W3	2009 11 18.70843	19 15 16.99	-12 23 51.2	13.1 N	215
C/2006 W3	2009 11 11.74797	19 12 59.27	-11 06 59.2	13.1 N	A81	C/2006 W3	2009 11 18.70914	19 15 17.21	-12 23 50.0	14.3 N	215
C/2006 W3	2009 11 11.75226	19 12 59.33	-11 07 02.1	13.1 N	A81	C/2006 W3	2009 11 18.79484	19 15 19.19	-12 24 43.1	12.7 N	J38
C/2006 W3	2009 11 11.78917	19 12 59.97	-11 07 27.9	12.8 N	B74	C/2006 W3	2009 11 18.79986	19 15 19.31	-12 24 46.4	12.7 N	J38
C/2006 W3	2009 11 11.79003	19 12 59.98	-11 07 28.5	12.8 N	B74	C/2006 W3	2009 11 18.80321	19 15 19.37	-12 24 48.6	12.8 N	J38
C/2006 W3	2009 11 11.79167	19 13 00.00	-11 07 29.7	12.8 N	B74	C/2006 W3	2009 11 18.82042	19 15 19.75	-12 24 58.6	12.8 N	J47
C/2006 W3	2009 11 11.81241	19 13 00.37	-11 07 43.9	12.8 N	J47	C/2006 W3	2009 11 18.82596	19 15 19.86	-12 25 02.2	13.4 N	J47
C/2006 W3	2009 11 11.81960	19 13 00.48	-11 07 48.7	13.5 N	J47	C/2006 W3	2009 11 18.83150	19 15 20.00	-12 25 05.7	12.9 N	J47
C/2006 W3	2009 11 11.82459	19 13 00.57	-11 07 52.4	13.6 N	J47	C/2006 W3	2009 11 19.35713	19 15 31.83	-12 30 33.8	13.4 N	379
C/2006 W3	2009 11 11.83789	19 13 00.79	-11 08 01.6	12.8 N	J47	C/2006 W3	2009 11 19.36385	19 15 31.94	-12 30 37.6	13.3 N	379
C/2006 W3	2009 11 12.03178	19 13 04.21	-11 10 16.7	13.5 N	H47	C/2006 W3	2009 11 19.36935	19 15 32.05	-12 30 41.7	13.1 N	379
C/2006 W3	2009 11 12.03663	19 13 04.32	-11 10 20.3	13.6 N	H47	C/2006 W3	2009 11 19.37065	19 15 32.12	-12 30 42.2	13.2 N	379
C/2006 W3	2009 11 12.04075	19 13 04.37	-11 10 22.7	13.6 N	H47	C/2006 W3	2009 11 19.80698	19 15 42.03	-12 35 12.3	12.8 N	J47
C/2006 W3	2009 11 12.05873	19 13 04.64	-11 10 35.2	13.6 N	H53	C/2006 W3	2009 11 19.82552	19 15 42.44	-12 35 23.9	13.5 N	J47
C/2006 W3	2009 11 12.06081	19 13 04.76	-11 10 36.8	13.5 N	H53	C/2006 W3	2009 11 19.83287	19 15 42.61	-12 35 28.3	12.8 N	J47
C/2006 W3	2009 11 12.06289	19 13 04.72	-11 10 38.5	13.5 N	H53	C/2006 W3	2009 11 20.77627	19 16 04.50	-12 45 07.0	12.9 N	B74
C/2006 W3	2009 11 12.06498	19 13 04.77	-11 10 39.7	13.3 N	H53	C/2006 W3	2009 11 20.77999	19 16 04.58	-12 45 09.1	12.9 N	B74
C/2006 W3	2009 11 12.06706	19 13 04.81	-11 10 41.5	13.5 N	H53	C/2006 W3	2009 11 20.78557	19 16 04.72	-12 45 12.3	12.9 N	B74
C/2006 W3	2009 11 12.06914	19 13 04.88	-11 10 42.9	13.5 N	H53	C/2006 W3	2009 11 21.37196	19 16 18.62	-12 51 07.2	10.9 T	349
C/2006 W3	2009 11 12.79411	19 13 17.79	-11 19 03.7	12.8 N	J47	C/2006 W3	2009 11 21.37379	19 16 18.65	-12 51 08.5		349
C/2006 W3	2009 11 12.81128	19 13 18.09	-11 19 15.4	13.3 N	J47	C/2006 W3	2009 11 21.37422	19 16 18.64	-12 51 08.8	14.9 N	D95
C/2006 W3	2009 11 12.82339	19 13 18.30	-11 19 23.7	12.8 N	J47	C/2006 W3	2009 11 21.37637	19 16 18.69	-12 51 09.8	15.1 N	D95
C/2006 W3	2009 11 13.70926	19 13 34.68	-11 29 28.6	14.8 T	071	C/2006 W3	2009 11 21.37851	19 16 18.74	-12 51 11.5	14.4 N	D95
C/2006 W3	2009 11 13.71328	19 13 34.73	-11 29 31.1	14.7 T	071	C/2006 W3	2009 11 21.38065	19 16 18.80	-12 51 12.3	14.3 N	D95
C/2006 W3	2009 11 13.71490	19 13 34.78	-11 29 32.0	14.7 T	071	C/2006 W3	2009 11 21.38278	19 16 18.84	-12 51 13.7	14.3 N	D95
C/2006 W3	2009 11 13.71656	19 13 34.81	-11 29 33.1	14.7 T	071	C/2006 W3	2009 11 21.40323	19 16 19.34	-12 51 26.0	13.6 N	D92
C/2006 W3	2009 11 13.71818	19 13 34.84	-11 29 34.3	14.7 T	071	C/2006 W3	2009 11 21.40622	19 16 19.42	-12 51 27.8	10.7 T	D92

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C/2006 W3	2009 11 21.40921	19 16 19.47	-12 51 29.5	13.8 N	D92
C/2006 W3	2009 11 21.72862	19 16 27.04	-12 54 39.7	12.6 N	A77
C/2006 W3	2009 11 21.74165	19 16 27.38	-12 54 49.4	12.6 N	A77
C/2006 W3	2009 11 21.74945	19 16 27.64	-12 54 52.0	12.6 N	A77
C/2006 W3	2009 11 22.76925	19 16 52.48	-13 05 01.5	12.8 N	B74
C/2006 W3	2009 11 22.77259	19 16 52.57	-13 05 03.4	12.7 N	B74
C/2006 W3	2009 11 22.77880	19 16 52.71	-13 05 07.0	12.7 N	B74
C/2006 W3	2009 11 22.78082	19 16 52.78	-13 05 07.8	12.7 N	J47
C/2006 W3	2009 11 22.79348	19 16 53.09	-13 05 15.3	13.7 N	J47
C/2006 W3	2009 11 22.80622	19 16 53.36	-13 05 23.1	12.6 N	J47
C/2006 W3	2009 11 23.36914	19 17 07.39	-13 10 53.5	13.1 N	379
C/2006 W3	2009 11 23.37525	19 17 07.53	-13 10 57.1	13.2 N	379
C/2006 W3	2009 11 23.37942	19 17 07.62	-13 10 59.2	13.1 N	379
C/2006 W3	2009 11 23.38411	19 17 07.74	-13 11 02.9		367
C/2006 W3	2009 11 23.38573	19 17 07.78	-13 11 03.7	11.3 T	367
C/2006 W3	2009 11 23.76589	19 17 17.35	-13 14 45.0	12.6 N	J38
C/2006 W3	2009 11 23.76591	19 17 17.32	-13 14 45.4		B56
C/2006 W3	2009 11 23.76637	19 17 17.34	-13 14 45.5		B56
C/2006 W3	2009 11 23.76663	19 17 17.37	-13 14 45.8	12.6 N	J38
C/2006 W3	2009 11 23.76725	19 17 17.35	-13 14 46.5		B56
C/2006 W3	2009 11 23.76737	19 17 17.38	-13 14 46.2	12.6 N	J38
C/2006 W3	2009 11 24.73657	19 17 42.07	-13 24 06.5	12.7 N	939
C/2006 W3	2009 11 24.74124	19 17 42.19	-13 24 09.1	12.7 N	939
C/2006 W3	2009 11 24.74591	19 17 42.31	-13 24 11.8	12.7 N	939
C/2006 W3	2009 11 24.76080	19 17 42.69	-13 24 20.5	12.8 N	B56
C/2006 W3	2009 11 24.76228	19 17 42.71	-13 24 21.1	12.7 N	B56
C/2006 W3	2009 11 24.76376	19 17 42.73	-13 24 21.8	12.6 N	B56
C/2006 W3	2009 11 24.77455	19 17 43.04	-13 24 28.1	12.7 N	J38
C/2006 W3	2009 11 24.77783	19 17 43.15	-13 24 29.9	12.7 N	J38
C/2006 W3	2009 11 24.77892	19 17 43.17	-13 24 31.0	12.7 N	J38
C/2006 W3	2009 11 25.36273	19 17 58.31	-13 30 03.9	13.6 N	379
C/2006 W3	2009 11 25.36402	19 17 58.34	-13 30 04.6	13.6 N	379
C/2006 W3	2009 11 25.36531	19 17 58.38	-13 30 04.9	13.6 N	379
C/2006 W3	2009 11 25.37393	19 17 58.60	-13 30 10.1	13.8 N	D92
C/2006 W3	2009 11 25.37991	19 17 58.75	-13 30 13.5	14.0 N	D92
C/2006 W3	2009 11 25.81527	19 18 10.15	-13 34 20.1	12.9 N	J47
C/2006 W3	2009 11 25.81985	19 18 10.28	-13 34 22.6	12.8 N	J47
C/2006 W3	2009 11 25.82288	19 18 10.36	-13 34 24.3	12.8 N	J47
C/2006 W3	2009 11 25.82745	19 18 10.49	-13 34 27.0	12.8 N	J47
C/2006 W3	2009 11 25.83203	19 18 10.59	-13 34 29.7	12.9 N	J47
C/2006 W3	2009 11 26.35304	19 18 24.39	-13 39 22.2	13.6 N	379
C/2006 W3	2009 11 26.35515	19 18 24.43	-13 39 23.4	13.9 N	379
C/2006 W3	2009 11 26.35587	19 18 24.46	-13 39 23.9	13.7 N	379
C/2006 W3	2009 11 28.38927	19 19 19.60	-13 58 07.6	14.3 N	D95
C/2006 W3	2009 11 28.39072	19 19 19.58	-13 58 08.4	15.4 N	D95
C/2006 W3	2009 11 28.39216	19 19 19.66	-13 58 09.3	14.5 N	D95
C/2006 W3	2009 11 28.80458	19 19 31.10	-14 01 52.6	13.0 N	J47
C/2006 W3	2009 11 28.81025	19 19 31.19	-14 01 55.6	13.1 N	J47

C/2007 B2 (Skiff)

C/2007 B2	2009 10 21.08249	19 43 08.52	-48 01 44.1	19.2 N	I10
C/2007 B2	2009 10 21.08611	19 43 08.64	-48 01 41.2	19.0 N	I10
C/2007 B2	2009 10 21.08978	19 43 08.82	-48 01 40.3	19.0 N	I10

C/2007 B2	2009 11 08.56922	19 58 18.87	-45 57 24.6	18.3 N	415
C/2007 B2	2009 11 08.57349	19 58 19.09	-45 57 22.8	18.0 N	415
C/2007 B2	2009 11 10.04575	19 59 38.71	-45 47 44.2	18.1 N	I10

C/2007 G1 (LINEAR)

C/2007 G1	2009 10 03.80823	06 36 44.93	-40 37 55.3		367
C/2007 G1	2009 10 03.81275	06 36 44.95	-40 37 56.6	16.4 T	367
C/2007 G1	2009 10 31.60082	06 17 41.04	-42 36 36.6	15.6 T	D90
C/2007 G1	2009 10 31.60477	06 17 40.83	-42 36 37.3		D90
C/2007 G1	2009 11 06.16553	06 11 50.71	-42 49 03.4	18.3 N	I10
C/2007 G1	2009 11 06.18017	06 11 49.79	-42 49 04.3	18.1 N	I10
C/2007 G1	2009 11 06.19878	06 11 48.52	-42 49 07.0	18.2 N	I10
C/2007 G1	2009 11 09.60064	06 07 57.37	-42 53 50.0	17.3 T	423
C/2007 G1	2009 11 09.61719	06 07 56.19	-42 53 51.1	17.1 T	423
C/2007 G1	2009 11 09.68571	06 07 51.45	-42 53 56.5	17.1 N	D25
C/2007 G1	2009 11 09.69414	06 07 50.91	-42 53 57.1	17.3 N	D25
C/2007 G1	2009 11 10.30800	06 07 07.79	-42 54 31.9	17.9 N	I10
C/2007 G1	2009 11 10.31106	06 07 07.56	-42 54 32.4	17.5 N	I10
C/2007 G1	2009 11 10.62877	06 06 45.20	-42 54 47.7	17.2 T	423
C/2007 G1	2009 11 10.64570	06 06 43.97	-42 54 48.6	17.3 T	423
C/2007 G1	2009 11 14.71910	06 01 48.59	-42 56 20.9	17.0 N	900
C/2007 G1	2009 11 14.72338	06 01 48.25	-42 56 22.9		900
C/2007 G1	2009 11 19.30723	05 55 59.88	-42 53 26.2	16.9 N	I10
C/2007 G1	2009 11 19.30890	05 55 59.80	-42 53 25.5	16.9 N	I10
C/2007 G1	2009 11 21.72947	05 52 50.27	-42 49 47.0		900
C/2007 G1	2009 11 21.73696	05 52 49.76	-42 49 47.6	15.7 N	900

C/2007 M2 (Catalina)

C/2007 M2	2009 09 21.35198	08 30 14.62	-71 44 11.3	17.7 N	I21
C/2007 M2	2009 09 21.36900	08 30 15.09	-71 44 27.6	16.9 N	I21
C/2007 M2	2009 11 06.54583	06 32 52.62	-84 11 57.9	18.5 T	D90
C/2007 M2	2009 11 06.55143	06 32 49.35	-84 12 01.5		D90
C/2007 M2	2009 11 06.55703	06 32 45.83	-84 12 05.3		D90
C/2007 M2	2009 11 08.59531	06 10 44.96	-84 32 03.2	18.5 T	D90
C/2007 M2	2009 11 08.60118	06 10 41.01	-84 32 06.2		D90
C/2007 M2	2009 11 08.60705	06 10 37.16	-84 32 09.2		D90

C/2007 N3 (Lulin)

C/2007 N3	2009 09 16.04999	07 18 50.23	+20 50 01.1	15.9 N	C08
C/2007 N3	2009 09 16.05542	07 18 50.12	+20 49 59.9	15.9 N	C08
C/2007 N3	2009 10 08.40019	07 09 43.18	+20 54 33.5		H10
C/2007 N3	2009 10 08.40875	07 09 42.88	+20 54 33.8		H10
C/2007 N3	2009 10 08.46209	07 09 40.70	+20 54 34.6	16.2 T	H10
C/2007 N3	2009 10 15.16641	07 04 50.67	+20 58 36.9	16.6 N	C08
C/2007 N3	2009 10 18.80880	07 01 46.21	+21 01 12.5	15.4 T	349
C/2007 N3	2009 10 18.81339	07 01 45.95	+21 01 12.6		349
C/2007 N3	2009 10 24.66956	06 56 08.74	+21 05 50.0	17.0 N	400
C/2007 N3	2009 10 24.68984	06 56 07.49	+21 05 50.8	16.9 N	400
C/2007 N3	2009 10 24.70111	06 56 06.79	+21 05 51.9	16.8 N	400
C/2007 N3	2009 11 02.36231	06 46 15.98	+21 13 13.9	18.3 N	H45
C/2007 N3	2009 11 02.36464	06 46 15.78	+21 13 13.9	18.3 N	H45
C/2007 N3	2009 11 02.36604	06 46 15.75	+21 13 14.2	18.2 N	H45
C/2007 N3	2009 11 03.10252	06 45 20.52	+21 13 51.0	17.4 N	204
C/2007 N3	2009 11 03.19519	06 45 13.48	+21 13 55.8		204

C/2007 N3	2009 11 03.66103	06 44 38.28	+21 14 20.7	16.9 T	900
C/2007 N3	2009 11 03.66816	06 44 37.74	+21 14 19.8		900
C/2007 N3	2009 11 09.03155	06 37 29.65	+21 18 38.5	15.4 N	B18
C/2007 N3	2009 11 09.03325	06 37 29.40	+21 18 38.7	17.3 N	987
C/2007 N3	2009 11 09.03558	06 37 29.36	+21 18 38.8	17.2 N	987
C/2007 N3	2009 11 09.03622	06 37 29.22	+21 18 39.3	15.7 N	B18
C/2007 N3	2009 11 09.03750	06 37 29.12	+21 18 39.0	17.2 N	987
C/2007 N3	2009 11 09.03895	06 37 28.98	+21 18 40.2	15.9 N	B18
C/2007 N3	2009 11 10.00368	06 36 08.02	+21 19 25.7	17.2 N	J40
C/2007 N3	2009 11 10.00433	06 36 08.01	+21 19 26.5	17.4 N	J40
C/2007 N3	2009 11 10.00499	06 36 07.95	+21 19 27.2	17.6 N	J40
C/2007 N3	2009 11 10.33870	06 35 39.61	+21 19 41.8	16.8 N	I10
C/2007 N3	2009 11 10.34025	06 35 39.53	+21 19 41.0	17.6 N	I10
C/2007 N3	2009 11 10.34177	06 35 39.37	+21 19 41.4	17.6 N	I10
C/2007 N3	2009 11 11.04146	06 34 39.63	+21 20 08.8	16.9 N	B18
C/2007 N3	2009 11 11.04285	06 34 39.50	+21 20 08.6	17.0 N	B18
C/2007 N3	2009 11 11.04564	06 34 39.24	+21 20 08.7	17.0 N	B18
C/2007 N3	2009 11 11.04705	06 34 39.13	+21 20 09.2	17.0 N	B18
C/2007 N3	2009 11 11.19806	06 34 26.13	+21 20 15.6	16.5 N	J47
C/2007 N3	2009 11 11.20609	06 34 25.45	+21 20 17.3	16.5 N	J47
C/2007 N3	2009 11 11.21416	06 34 24.78	+21 20 17.0	16.7 N	J47
C/2007 N3	2009 11 12.38421	06 32 43.36	+21 21 06.7	17.8 T	704
C/2007 N3	2009 11 12.39656	06 32 42.32	+21 21 08.6	17.8 T	704
C/2007 N3	2009 11 12.40879	06 32 41.14	+21 21 07.4	17.6 T	704
C/2007 N3	2009 11 12.42106	06 32 40.03	+21 21 07.9	17.6 T	704
C/2007 N3	2009 11 13.03765	06 31 46.03	+21 21 31.6	16.5 N	213
C/2007 N3	2009 11 13.04131	06 31 45.67	+21 21 32.2	16.6 N	213
C/2007 N3	2009 11 13.04495	06 31 45.35	+21 21 32.5	16.7 N	213
C/2007 N3	2009 11 14.71429	06 29 16.51	+21 22 38.3	15.5 T	349
C/2007 N3	2009 11 14.71888	06 29 16.09	+21 22 38.4		349
C/2007 N3	2009 11 14.72346	06 29 15.66	+21 22 38.4		349
C/2007 N3	2009 11 17.67212	06 24 45.46	+21 24 18.2		900
C/2007 N3	2009 11 17.67961	06 24 44.70	+21 24 19.9	17.0 N	900
C/2007 N3	2009 11 18.01561	06 24 13.37	+21 24 29.5	16.8 N	J38
C/2007 N3	2009 11 18.01728	06 24 13.19	+21 24 29.8	16.8 N	J38
C/2007 N3	2009 11 18.01916	06 24 12.96	+21 24 29.5	16.7 N	J38
C/2007 N3	2009 11 18.08832	06 24 06.38	+21 24 32.0	16.7 N	945
C/2007 N3	2009 11 18.09123	06 24 06.10	+21 24 32.4	16.7 N	945
C/2007 N3	2009 11 18.11674	06 24 03.67	+21 24 33.3	16.7 N	945
C/2007 N3	2009 11 18.12295	06 24 03.15	+21 24 32.8	16.8 N	945
C/2007 N3	2009 11 18.12610	06 24 02.76	+21 24 32.8	16.8 N	945
C/2007 N3	2009 11 18.32519	06 23 44.32	+21 24 41.0	17.8 T	704
C/2007 N3	2009 11 18.33753	06 23 43.16	+21 24 40.7	17.9 T	704
C/2007 N3	2009 11 18.35026	06 23 41.99	+21 24 40.0	17.9 T	704
C/2007 N3	2009 11 18.36260	06 23 40.84	+21 24 41.6	17.8 T	704
C/2007 N3	2009 11 18.37496	06 23 39.61	+21 24 41.8	17.9 T	704
C/2007 N3	2009 11 19.10846	06 22 30.36	+21 25 02.1	16.7 N	945
C/2007 N3	2009 11 19.11138	06 22 30.11	+21 25 02.3	16.7 N	945
C/2007 N3	2009 11 19.11681	06 22 29.63	+21 25 01.8	16.7 N	945
C/2007 N3	2009 11 19.11946	06 22 29.45	+21 25 02.6	16.5 N	945
C/2007 N3	2009 11 19.12238	06 22 29.19	+21 25 02.2	16.7 N	945
C/2007 N3	2009 11 19.32296	06 22 10.19	+21 25 10.7	16.9 N	I10
C/2007 N3	2009 11 19.32450	06 22 10.08	+21 25 11.1	17.1 N	I10

C/2007 N3	2009 11 19.32603	06 22 09.91	+21 25 10.9	17.0 N	I10
C/2007 N3	2009 11 19.35242	06 22 07.43	+21 25 09.1	17.6 N	H45
C/2007 N3	2009 11 19.35409	06 22 07.29	+21 25 09.2	17.7 N	H45
C/2007 N3	2009 11 19.35616	06 22 07.09	+21 25 09.2	17.6 N	H45
C/2007 N3	2009 11 19.35836	06 22 06.89	+21 25 09.4	17.7 N	H45
C/2007 N3	2009 11 19.36047	06 22 06.70	+21 25 09.4	17.7 N	H45
C/2007 N3	2009 11 19.90428	06 21 15.10	+21 25 22.9	17.5 T	215
C/2007 N3	2009 11 19.90498	06 21 15.04	+21 25 23.1	17.4 T	215
C/2007 N3	2009 11 19.90568	06 21 14.98	+21 25 23.3	17.2 T	215
C/2007 N3	2009 11 21.30606	06 19 00.76	+21 25 58.8	17.8 T	704
C/2007 N3	2009 11 21.31829	06 18 59.44	+21 25 58.0	18.1 T	704
C/2007 N3	2009 11 21.33051	06 18 58.32	+21 25 59.2	18.0 T	704
C/2007 N3	2009 11 21.34273	06 18 57.14	+21 26 00.4	18.0 T	704
C/2007 N3	2009 11 21.35497	06 18 55.91	+21 26 00.0	18.0 T	704
C/2007 N3	2009 11 22.13998	06 17 39.77	+21 26 14.7	16.6 N	945
C/2007 N3	2009 11 22.14278	06 17 39.55	+21 26 15.5	16.5 N	945
C/2007 N3	2009 11 22.15499	06 17 38.41	+21 26 17.3	16.5 N	945
C/2007 N3	2009 11 22.16135	06 17 37.70	+21 26 16.5	16.5 N	945
C/2007 N3	2009 11 22.94580	06 16 21.52	+21 26 31.4	18.2 N	J28
C/2007 N3	2009 11 22.95005	06 16 21.11	+21 26 31.5	17.2 N	J28
C/2007 N3	2009 11 22.95330	06 16 20.79	+21 26 31.8	16.8 N	J28
C/2007 N3	2009 11 25.45973	06 12 13.55	+21 27 09.5	16.5 T	691
C/2007 N3	2009 11 25.47755	06 12 11.65	+21 27 09.5	16.7 T	691
C/2007 N3	2009 11 25.49882	06 12 09.51	+21 27 09.8	16.8 T	691
C/2007 N3	2009 11 28.01510	06 07 57.69	+21 27 27.1	16.7 N	232
C/2007 N3	2009 11 28.02150	06 07 57.08	+21 27 28.0	16.6 N	232
C/2007 N3	2009 11 28.02888	06 07 56.28	+21 27 28.4	16.8 N	232
C/2007 N3	2009 11 29.10148	06 06 07.87	+21 27 29.7	17.5 N	J47
C/2007 N3	2009 11 29.10421	06 06 07.65	+21 27 29.7	17.4 N	J47
C/2007 N3	2009 11 29.10598	06 06 07.44	+21 27 30.2	16.6 N	J47
C/2007 N3	2009 11 29.10870	06 06 07.20	+21 27 29.5	16.7 N	J47
C/2007 N3	2009 11 29.10962	06 06 07.11	+21 27 29.8	16.6 N	J47
C/2007 N3	2009 11 29.11006	06 06 07.04	+21 27 29.5	18.1 N	J47
C/2007 N3	2009 11 29.11859	06 06 06.19	+21 27 29.6	16.7 N	J47

C/2007 Q3 (Siding Spring)

C/2007 Q3	2009 10 28.81146	11 42 32.51	+10 26 09.2	12.9 N	372
C/2007 Q3	2009 10 29.83767	11 44 32.51	+10 34 51.3	13.1 N	372
C/2007 Q3	2009 10 30.15836	11 45 09.86	+10 37 35.1	13.7 N	B58
C/2007 Q3	2009 10 30.16364	11 45 10.53	+10 37 37.7		B58
C/2007 Q3	2009 10 30.16893	11 45 11.13	+10 37 40.6		B58
C/2007 Q3	2009 10 30.81098	11 46 26.30	+10 43 14.0	11.1 T	349
C/2007 Q3	2009 10 30.81196	11 46 26.40	+10 43 14.3		349
C/2007 Q3	2009 10 30.81294	11 46 26.52	+10 43 15.1		349
C/2007 Q3	2009 10 30.83681	11 46 29.40	+10 43 27.0	13.0 N	372
C/2007 Q3	2009 11 08.16470	12 02 45.93	+12 00 41.0	12.9 N	939
C/2007 Q3	2009 11 08.16796	12 02 46.31	+12 00 42.8	12.9 N	939
C/2007 Q3	2009 11 08.17125	12 02 46.70	+12 00 44.6	12.9 N	939
C/2007 Q3	2009 11 09.22833	12 04 50.92	+12 11 19.7	13.1 N	A77
C/2007 Q3	2009 11 13.14688	12 12 31.73	+12 52 10.0	15.0 T	071
C/2007 Q3	2009 11 13.14898	12 12 31.99	+12 52 11.7	15.1 T	071
C/2007 Q3	2009 11 13.15038	12 12 32.26	+12 52 12.4	15.0 T	071
C/2007 Q3	2009 11 13.15177	12 12 32.35	+12 52 12.7	15.2 T	071

C/2007 Q3	2009 11 13.15316	12 12 32.55	+12 52 14.3	15.1 T	071
C/2007 Q3	2009 11 13.15455	12 12 32.64	+12 52 15.4	14.8 T	071
C/2007 Q3	2009 11 13.15594	12 12 32.74	+12 52 15.7	14.7 T	071
C/2007 Q3	2009 11 13.15733	12 12 33.08	+12 52 16.2	14.8 T	071
C/2007 Q3	2009 11 13.15872	12 12 33.09	+12 52 16.1	15.2 T	071
C/2007 Q3	2009 11 13.16012	12 12 33.48	+12 52 19.3	15.0 T	071
C/2007 Q3	2009 11 13.16150	12 12 33.62	+12 52 19.0	15.1 T	071
C/2007 Q3	2009 11 13.16295	12 12 33.72	+12 52 19.2	15.2 T	071
C/2007 Q3	2009 11 13.16434	12 12 33.74	+12 52 19.3	15.1 T	071
C/2007 Q3	2009 11 14.16668	12 14 32.12	+13 03 14.6	14.1 N	B58
C/2007 Q3	2009 11 14.17390	12 14 32.91	+13 03 19.6		B58
C/2007 Q3	2009 11 14.18241	12 14 33.95	+13 03 25.3		B58
C/2007 Q3	2009 11 14.83376	12 15 50.71	+13 10 37.5		900
C/2007 Q3	2009 11 14.85393	12 15 53.05	+13 10 49.8	12.9 N	900
C/2007 Q3	2009 11 16.47638	12 19 04.27	+13 29 03.3	12.5 N	H06
C/2007 Q3	2009 11 16.48704	12 19 05.52	+13 29 10.5	12.5 N	H06
C/2007 Q3	2009 11 16.49705	12 19 06.69	+13 29 17.4	12.5 N	H06
C/2007 Q3	2009 11 17.20532	12 20 30.12	+13 37 24.4	13.0 N	A71
C/2007 Q3	2009 11 17.20561	12 20 30.22	+13 37 24.8	13.1 N	B74
C/2007 Q3	2009 11 17.20588	12 20 30.20	+13 37 25.1	12.9 N	A71
C/2007 Q3	2009 11 17.20644	12 20 30.26	+13 37 26.0	13.1 N	A71
C/2007 Q3	2009 11 17.20699	12 20 30.32	+13 37 25.5	13.0 N	A71
C/2007 Q3	2009 11 17.20706	12 20 30.38	+13 37 25.8	13.1 N	B74
C/2007 Q3	2009 11 17.20755	12 20 30.39	+13 37 26.5	13.0 N	A71
C/2007 Q3	2009 11 17.21102	12 20 30.84	+13 37 28.6	13.1 N	B74
C/2007 Q3	2009 11 17.49861	12 21 04.75	+13 40 48.4		H06
C/2007 Q3	2009 11 17.50092	12 21 05.03	+13 40 50.1	12.0 T	H06
C/2007 Q3	2009 11 18.83711	12 23 42.50	+13 56 29.6	15.0 N	D95
C/2007 Q3	2009 11 18.83925	12 23 42.78	+13 56 30.7	14.6 N	D95
C/2007 Q3	2009 11 18.84139	12 23 43.01	+13 56 32.3	15.0 N	D95
C/2007 Q3	2009 11 18.84352	12 23 43.27	+13 56 34.1	14.8 N	D95
C/2007 Q3	2009 11 19.18455	12 24 23.68	+14 00 36.5	11.8 N	A77
C/2007 Q3	2009 11 19.18900	12 24 24.05	+14 00 39.3	11.8 N	A77
C/2007 Q3	2009 11 20.24198	12 26 28.13	+14 13 19.8	13.2 N	B74
C/2007 Q3	2009 11 20.24537	12 26 28.53	+14 13 22.2	13.3 N	B74
C/2007 Q3	2009 11 20.24706	12 26 28.73	+14 13 23.5	13.2 N	B74
C/2007 Q3	2009 11 21.06291	12 28 04.95	+14 23 21.3		583
C/2007 Q3	2009 11 21.06391	12 28 05.13	+14 23 21.2		583
C/2007 Q3	2009 11 21.12852	12 28 12.70	+14 24 10.3		583
C/2007 Q3	2009 11 21.13256	12 28 13.17	+14 24 13.3	16.0 T	583
C/2007 Q3	2009 11 21.46181	12 28 51.99	+14 28 16.1	12.3 N	H10
C/2007 Q3	2009 11 21.47971	12 28 54.06	+14 28 29.9	12.3 N	H10
C/2007 Q3	2009 11 21.49838	12 28 56.26	+14 28 43.8	12.2 N	H10
C/2007 Q3	2009 11 21.52471	12 28 59.32	+14 29 03.2	12.2 N	H10
C/2007 Q3	2009 11 21.83103	12 29 35.49	+14 32 51.7		900
C/2007 Q3	2009 11 21.83900	12 29 36.64	+14 32 58.9	13.4 N	900
C/2007 Q3	2009 11 21.84731	12 29 37.40	+14 33 04.0		367
C/2007 Q3	2009 11 21.84893	12 29 37.58	+14 33 05.2	11.2 T	367
C/2007 Q3	2009 11 22.17079	12 30 15.56	+14 37 05.8	13.8 N	215
C/2007 Q3	2009 11 22.17149	12 30 15.64	+14 37 06.3	13.8 N	215
C/2007 Q3	2009 11 22.17220	12 30 15.73	+14 37 06.9	13.7 N	215
C/2007 Q3	2009 11 22.46630	12 30 50.43	+14 40 48.7	13.3 N	H10
C/2007 Q3	2009 11 22.48446	12 30 52.52	+14 41 02.5	13.2 N	H10

C/2007 Q3	2009 11 25.26015	12 36 19.83	+15 16 48.9	13.3 N	J47
C/2007 Q3	2009 11 25.26350	12 36 20.24	+15 16 51.7	13.4 N	J47
C/2007 Q3	2009 11 25.26686	12 36 20.63	+15 16 54.2	13.4 N	J47
C/2007 Q3	2009 11 25.27090	12 36 21.10	+15 16 57.6	13.3 N	J47
C/2007 Q3	2009 11 25.27292	12 36 21.33	+15 16 59.0	13.4 N	J47
C/2007 Q3	2009 11 27.48131	12 40 41.57	+15 46 36.9	13.6 N	H47
C/2007 Q3	2009 11 27.48538	12 40 41.95	+15 46 40.9	13.1 N	H47
C/2007 Q3	2009 11 27.48931	12 40 42.53	+15 46 43.1	13.7 N	H47
C/2007 Q3	2009 11 28.19633	12 42 05.84	+15 56 26.2	12.9 N	A77
C/2007 Q3	2009 11 28.20256	12 42 06.58	+15 56 31.4	12.8 N	A77
C/2007 Q3	2009 11 28.20881	12 42 07.33	+15 56 36.6	12.6 N	A77

C/2007 U1 (LINEAR)

C/2007 U1	2009 09 19.88903	21 52 31.21	+14 33 48.7	17.4 N	C08
C/2007 U1	2009 09 19.89211	21 52 30.94	+14 33 44.3	17.2 N	C08
C/2007 U1	2009 10 18.20336	21 25 04.00	+10 13 00.8	18.2 T	703
C/2007 U1	2009 10 18.20887	21 25 03.86	+10 12 57.4	17.6 T	703
C/2007 U1	2009 10 18.21441	21 25 03.61	+10 12 54.1	17.5 T	703
C/2007 U1	2009 10 18.21990	21 25 03.36	+10 12 52.2	18.2 T	703
C/2007 U1	2009 11 03.50507	21 16 28.35	+08 09 54.3	17.8 T	349
C/2007 U1	2009 11 03.50956	21 16 28.27	+08 09 52.2		349
C/2007 U1	2009 11 09.81536	21 14 24.30	+07 29 55.4	19 N	204
C/2007 U1	2009 11 18.71388	21 12 32.24	+06 41 04.2	18.9 T	215

C/2007 VO₅₃ (Spacewatch)

C/2007 VO ₅₃	2009 09 18.93550	04 30 49.20	+72 09 32.1	18.1 N	C08
C/2007 VO ₅₃	2009 09 18.93979	04 30 49.07	+72 09 36.2	18.0 N	C08
C/2007 VO ₅₃	2009 09 19.90168	04 30 12.08	+72 24 39.5	17.9 N	C08
C/2007 VO ₅₃	2009 09 19.90456	04 30 11.67	+72 24 42.4	17.8 N	C08
C/2007 VO ₅₃	2009 10 15.12641	03 41 42.96	+78 40 09.6	17.5 N	C08
C/2007 VO ₅₃	2009 11 03.63286	01 49 32.02	+81 25 40.8		900
C/2007 VO ₅₃	2009 11 03.64346	01 49 27.13	+81 25 42.5	17.6 T	900
C/2007 VO ₅₃	2009 11 03.65079	01 49 24.13	+81 25 42.6	17.1 T	349
C/2007 VO ₅₃	2009 11 03.65524	01 49 22.05	+81 25 43.4		349
C/2007 VO ₅₃	2009 11 17.65385	00 10 20.12	+80 52 53.5		900
C/2007 VO ₅₃	2009 11 17.66102	00 10 17.82	+80 52 51.7	17.6 N	900

C/2008 A1 (McNaught)

C/2008 A1	2009 10 07.86509	13 23 40.98	+81 44 41.6	18.0 N	C08
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C/2008 FK₇₅ (Lemmon-Siding Spring)

C/2008 FK ₇₅	2009 09 19.80351	15 22 55.60	+07 36 07.1	17.0 N	C08
C/2008 FK ₇₅	2009 09 19.81007	15 22 55.67	+07 36 07.6	16.8 N	C08
C/2008 FK ₇₅	2009 10 10.78507	15 37 09.72	+07 18 57.6	17.1 N	204
C/2008 FK ₇₅	2009 10 18.37539	15 43 01.08	+07 15 40.9	16.5 T	349
C/2008 FK ₇₅	2009 10 18.37873	15 43 01.23	+07 15 40.8		349

P/2008 J3 (McNaught)

P/2008 J3	2009 09 29.10710	06 37 39.52	+47 55 08.9		204
P/2008 J3	2009 09 29.11340	06 37 39.96	+47 55 12.5		204
P/2008 J3	2009 09 29.16351	06 37 44.02	+47 55 40.9	19.4 N	204
P/2008 J3	2009 11 05.38325	07 08 30.53	+54 04 36.5	20.3 N	H36
P/2008 J3	2009 11 05.40175	07 08 30.62	+54 04 48.5	19.9 N	H36
P/2008 J3	2009 11 05.42027	07 08 30.69	+54 05 00.2	19.5 N	H36

C/2008 N1 (Holmes)						
C/2008 N1	2009 09 15.91001	15 35 14.11	+37 39 03.1	18.1 N	C08	
C/2008 N1	2009 09 15.91690	15 35 13.95	+37 38 55.0	18.3 N	C08	
C/2008 N1	2009 10 07.87404	15 30 23.44	+30 52 51.2	17.4 N	C08	
C/2008 N1	2009 11 03.36580	15 33 49.74	+25 08 28.9	16.6 T	349	
C/2008 N1	2009 11 03.36873	15 33 49.80	+25 08 26.8		349	

P/2008 O2 (McNaught)						
P/2008 O2	2009 11 07.92944	00 32 43.25	+14 34 14.0	19.1 N	B37	
P/2008 O2	2009 11 07.94463	00 32 42.80	+14 34 12.1	19.2 N	B37	
P/2008 O2	2009 11 07.96200	00 32 42.38	+14 34 09.1	19.4 N	B37	
P/2008 O2	2009 11 08.82133	00 32 24.15	+14 31 32.9	18.9 N	J01	
P/2008 O2	2009 11 08.84141	00 32 23.78	+14 31 29.5	19.2 N	J01	
P/2008 O2	2009 11 09.83865	00 32 03.09	+14 28 30.9	19.1 N	204	
P/2008 O2	2009 11 09.97058	00 32 00.32	+14 28 07.6		204	
P/2008 O2	2009 11 10.84512	00 31 43.23	+14 25 34.1	19.4 N	160	
P/2008 O2	2009 11 11.82861	00 31 24.83	+14 22 42.1	19.4 N	160	
P/2008 O2	2009 11 11.83056	00 31 24.79	+14 22 42.3	19.4 N	160	
P/2008 O2	2009 11 11.83251	00 31 24.77	+14 22 42.5	19.6 N	160	

C/2008 P1 (Garradd)						
C/2008 P1	2009 09 15.98459	00 02 43.14	+28 25 33.0	16.3 N	C08	
C/2008 P1	2009 09 15.98756	00 02 42.96	+28 25 35.1	16.4 N	C08	
C/2008 P1	2009 09 15.99111	00 02 42.64	+28 25 37.0	16.3 N	C08	
C/2008 P1	2009 10 15.10398	23 25 27.41	+30 49 04.9	16.7 N	C08	
C/2008 P1	2009 10 20.53157	23 19 26.89	+30 59 07.0	16.5 N	400	
C/2008 P1	2009 10 20.53625	23 19 26.59	+30 59 07.5	16.6 N	400	
C/2008 P1	2009 10 20.54405	23 19 26.10	+30 59 08.0	16.6 N	400	
C/2008 P1	2009 10 28.64683	23 11 32.45	+31 07 38.4	16.5 N	372	
C/2008 P1	2009 10 28.64813	23 11 32.36	+31 07 38.6	16.2 N	372	
C/2008 P1	2009 10 30.74748	23 09 43.96	+31 08 52.4	17.9 N	198	
C/2008 P1	2009 10 30.75505	23 09 43.58	+31 08 52.9	17.6 N	198	
C/2008 P1	2009 10 30.76022	23 09 43.33	+31 08 53.2	17.7 N	198	
C/2008 P1	2009 10 30.89044	23 09 36.76	+31 08 59.5	17.1 N	J47	
C/2008 P1	2009 10 30.89720	23 09 36.40	+31 08 57.5	17.5 N	J47	
C/2008 P1	2009 10 30.90389	23 09 35.92	+31 09 00.0	17.2 N	J47	
C/2008 P1	2009 10 30.93363	23 09 34.51	+31 08 58.9	16.8 N	212	
C/2008 P1	2009 10 30.93931	23 09 34.20	+31 08 58.4	16.9 N	212	
C/2008 P1	2009 10 30.94495	23 09 33.90	+31 08 59.8	17.0 N	212	
C/2008 P1	2009 11 01.91874	23 07 57.92	+31 09 52.7	17.0 N	J47	
C/2008 P1	2009 11 01.93246	23 07 57.18	+31 09 53.3	16.9 N	J47	
C/2008 P1	2009 11 01.94477	23 07 56.59	+31 09 53.9	17.2 N	J47	
C/2008 P1	2009 11 02.92637	23 07 10.87	+31 10 16.2	17.0 N	J47	
C/2008 P1	2009 11 02.93721	23 07 10.35	+31 10 16.0	17.0 N	J47	
C/2008 P1	2009 11 02.95674	23 07 09.31	+31 10 16.5	17.2 N	J47	
C/2008 P1	2009 11 03.56008	23 06 41.96	+31 10 28.6		900	
C/2008 P1	2009 11 03.57068	23 06 41.51	+31 10 28.8	17.0 T	900	
C/2008 P1	2009 11 03.59170	23 06 40.55	+31 10 28.6	16.1 T	349	
C/2008 P1	2009 11 03.59785	23 06 40.24	+31 10 29.0		349	
C/2008 P1	2009 11 03.84062	23 06 29.50	+31 10 33.3	17.0 N	213	
C/2008 P1	2009 11 03.84350	23 06 29.41	+31 10 32.9	17.1 N	213	
C/2008 P1	2009 11 03.84647	23 06 29.24	+31 10 33.3	17.1 N	213	
C/2008 P1	2009 11 03.87258	23 06 28.01	+31 10 33.9	17.2 N	160	
C/2008 P1	2009 11 03.87530	23 06 27.88	+31 10 34.3	17.2 N	160	

C/2008 P1	2009 11 03.87804	23 06 27.75	+31 10 34.4	17.5 N	160	
C/2008 P1	2009 11 03.91642	23 06 26.02	+31 10 35.4	17.0 N	J47	
C/2008 P1	2009 11 03.92050	23 06 25.88	+31 10 36.1	17.8 N	J47	
C/2008 P1	2009 11 03.92355	23 06 25.74	+31 10 36.0	17.1 N	J47	
C/2008 P1	2009 11 04.86345	23 05 44.52	+31 10 51.2	17.0 N	J97	
C/2008 P1	2009 11 04.86849	23 05 44.32	+31 10 51.4	17.0 N	J97	
C/2008 P1	2009 11 04.87269	23 05 44.18	+31 10 51.6	17.2 N	J97	
C/2008 P1	2009 11 04.87351	23 05 44.17	+31 10 51.8	17.1 N	J47	
C/2008 P1	2009 11 04.87748	23 05 43.95	+31 10 51.5	17.0 N	J47	
C/2008 P1	2009 11 04.88235	23 05 43.76	+31 10 52.1	17.0 N	J47	
C/2008 P1	2009 11 05.13356	23 05 32.90	+31 10 56.1	16.4 N	H47	
C/2008 P1	2009 11 05.13930	23 05 32.67	+31 10 56.5	16.9 N	H47	
C/2008 P1	2009 11 06.56782	23 04 32.95	+31 11 14.4	17.4 N	355	
C/2008 P1	2009 11 06.56996	23 04 32.86	+31 11 14.4	17.3 N	355	
C/2008 P1	2009 11 06.57209	23 04 32.73	+31 11 14.7	17.4 N	355	
C/2008 P1	2009 11 06.57529	23 04 32.67	+31 11 14.5	17.4 N	355	
C/2008 P1	2009 11 07.05506	23 04 13.36	+31 11 21.5	17.4 N	H45	
C/2008 P1	2009 11 07.05700	23 04 13.29	+31 11 21.6	17.5 N	H45	
C/2008 P1	2009 11 07.05880	23 04 13.23	+31 11 21.7	17.4 N	H45	
C/2008 P1	2009 11 07.06438	23 04 13.00	+31 11 21.8	17.4 N	H45	
C/2008 P1	2009 11 07.06734	23 04 12.88	+31 11 21.8	17.3 N	H45	
C/2008 P1	2009 11 07.06908	23 04 12.81	+31 11 21.9	17.3 N	H45	
C/2008 P1	2009 11 07.07458	23 04 12.59	+31 11 21.5	16.6 N	H47	
C/2008 P1	2009 11 07.07994	23 04 12.38	+31 11 21.5	16.8 N	H47	
C/2008 P1	2009 11 07.08457	23 04 12.19	+31 11 21.7	16.8 N	H47	
C/2008 P1	2009 11 07.09112	23 04 11.94	+31 11 21.5	16.8 N	H47	
C/2008 P1	2009 11 07.09593	23 04 11.69	+31 11 22.0	17.0 N	H47	
C/2008 P1	2009 11 07.40984	23 03 59.29	+31 11 24.4		D81	
C/2008 P1	2009 11 07.41744	23 03 58.94	+31 11 25.0	17.3 T	D81	
C/2008 P1	2009 11 07.54966	23 03 53.59	+31 11 26.9		352	
C/2008 P1	2009 11 07.55551	23 03 53.37	+31 11 26.8		352	
C/2008 P1	2009 11 07.56424	23 03 53.00	+31 11 27.2		352	
C/2008 P1	2009 11 07.85647	23 03 41.70	+31 11 29.5	15.9 N	A77	
C/2008 P1	2009 11 07.86270	23 03 41.60	+31 11 34.6	16.8 N	A77	
C/2008 P1	2009 11 07.88600	23 03 40.56	+31 11 29.7	17.1 N	939	
C/2008 P1	2009 11 07.89620	23 03 40.13	+31 11 29.3	17.0 N	939	
C/2008 P1	2009 11 07.90642	23 03 39.69	+31 11 28.9	17.1 N	939	
C/2008 P1	2009 11 07.92417	23 03 38.94	+31 11 30.7	17.0 N	J53	
C/2008 P1	2009 11 07.92673	23 03 39.16	+31 11 28.7	18.4 N	J10	
C/2008 P1	2009 11 07.92712	23 03 38.83	+31 11 30.7	17.0 N	J53	
C/2008 P1	2009 11 07.93303	23 03 38.57	+31 11 30.8	17.0 N	J53	
C/2008 P1	2009 11 07.93317	23 03 38.60	+31 11 32.6	17.8 N	J10	
C/2008 P1	2009 11 07.93631	23 03 38.40	+31 11 31.7	17.6 N	J10	
C/2008 P1	2009 11 08.07903	23 03 33.07	+31 11 32.7	17.0 N	H45	
C/2008 P1	2009 11 08.08050	23 03 33.00	+31 11 32.7	17.0 N	H45	
C/2008 P1	2009 11 08.08841	23 03 32.69	+31 11 32.8	17.0 N	H45	
C/2008 P1	2009 11 08.08966	23 03 32.64	+31 11 32.8	17.1 N	H45	
C/2008 P1	2009 11 08.09089	23 03 32.59	+31 11 33.0	17.1 N	H45	
C/2008 P1	2009 11 09.82191	23 02 28.01	+31 11 47.9	17.2 N	B37	
C/2008 P1	2009 11 09.82735	23 02 27.73	+31 11 48.3	17.0 N	204	
C/2008 P1	2009 11 09.83075	23 02 27.67	+31 11 48.1	16.9 N	B37	
C/2008 P1	2009 11 09.83626	23 02 27.45	+31 11 48.0	17.0 N	B37	
C/2008 P1	2009 11 09.92419	23 02 24.19	+31 11 48.6		204	

C/2008 P1	2009 11 09.93151	23 02 23.88	+31 11 49.0	17.0 N	J53
C/2008 P1	2009 11 09.94038	23 02 23.57	+31 11 49.0	17.0 N	J53
C/2008 P1	2009 11 09.94333	23 02 23.46	+31 11 48.7	17.0 N	J53
C/2008 P1	2009 11 10.12507	23 02 16.97	+31 11 53.4	17.6 N	I10
C/2008 P1	2009 11 10.12663	23 02 16.94	+31 11 53.5	17.6 N	I10
C/2008 P1	2009 11 10.12829	23 02 16.89	+31 11 53.5	17.7 N	I10
C/2008 P1	2009 11 10.85091	23 01 51.59	+31 11 57.0	17.1 N	J47
C/2008 P1	2009 11 10.85880	23 01 51.30	+31 11 56.9	17.0 N	J47
C/2008 P1	2009 11 10.86701	23 01 50.99	+31 11 57.6	17.1 N	J47
C/2008 P1	2009 11 10.87950	23 01 50.68	+31 11 55.2	17.0 N	B75
C/2008 P1	2009 11 10.88083	23 01 50.52	+31 11 55.2	16.8 N	B75
C/2008 P1	2009 11 10.88275	23 01 50.15	+31 11 55.1	16.7 N	B75
C/2008 P1	2009 11 11.02749	23 01 45.58	+31 11 58.1	16.9 N	H47
C/2008 P1	2009 11 11.03395	23 01 45.31	+31 11 58.5	17.0 N	H47
C/2008 P1	2009 11 11.03979	23 01 45.10	+31 11 57.7	16.7 N	H47
C/2008 P1	2009 11 11.23764	23 01 38.14	+31 11 59.3	17.4 N	H45
C/2008 P1	2009 11 11.23973	23 01 38.05	+31 11 59.3	17.3 N	H45
C/2008 P1	2009 11 11.24171	23 01 38.01	+31 11 59.3	17.4 N	H45
C/2008 P1	2009 11 11.24310	23 01 37.97	+31 11 59.4	17.4 N	H45
C/2008 P1	2009 11 11.24473	23 01 37.89	+31 11 59.3	17.5 N	H45
C/2008 P1	2009 11 11.24731	23 01 37.81	+31 11 59.3	17.5 N	H45
C/2008 P1	2009 11 11.77830	23 01 20.09	+31 12 02.9	17.3 N	160
C/2008 P1	2009 11 11.78011	23 01 20.03	+31 12 03.1	17.3 N	160
C/2008 P1	2009 11 11.78206	23 01 19.98	+31 12 03.3	17.2 N	160
C/2008 P1	2009 11 11.88457	23 01 16.51	+31 12 03.8	16.8 N	B75
C/2008 P1	2009 11 11.88694	23 01 16.24	+31 12 03.7	17.0 N	B75
C/2008 P1	2009 11 11.92415	23 01 15.12	+31 12 03.9	17.0 N	J53
C/2008 P1	2009 11 11.92710	23 01 15.01	+31 12 04.1	17.1 N	J53
C/2008 P1	2009 11 11.93611	23 01 14.75	+31 12 04.0	17.0 N	J53
C/2008 P1	2009 11 12.80617	23 00 46.63	+31 12 11.3	17.1 N	213
C/2008 P1	2009 11 12.81345	23 00 46.37	+31 12 11.4	17.1 N	213
C/2008 P1	2009 11 12.82047	23 00 46.17	+31 12 11.3	17.1 N	213
C/2008 P1	2009 11 13.81558	23 00 15.29	+31 12 18.7	17.1 N	J47
C/2008 P1	2009 11 13.82097	23 00 15.15	+31 12 18.4	17.2 N	J47
C/2008 P1	2009 11 13.83068	23 00 14.83	+31 12 18.7	17.2 N	J47
C/2008 P1	2009 11 14.51386	22 59 54.35	+31 12 23.1		900
C/2008 P1	2009 11 14.52099	22 59 54.14	+31 12 23.1	17.1 T	900
C/2008 P1	2009 11 16.80464	22 58 50.99	+31 12 41.7	17.2 N	939
C/2008 P1	2009 11 16.81211	22 58 50.78	+31 12 42.4	17.2 N	939
C/2008 P1	2009 11 16.81955	22 58 50.60	+31 12 42.6	17.3 N	939
C/2008 P1	2009 11 17.93386	22 58 22.30	+31 12 54.0	17.2 N	J38
C/2008 P1	2009 11 17.94233	22 58 22.09	+31 12 54.1	17.3 N	J38
C/2008 P1	2009 11 17.94657	22 58 21.98	+31 12 54.4	17.3 N	J38
C/2008 P1	2009 11 18.89353	22 57 59.51	+31 13 05.4	17.3 N	J38
C/2008 P1	2009 11 18.89708	22 57 59.41	+31 13 05.6	17.2 N	J38
C/2008 P1	2009 11 18.90061	22 57 59.34	+31 13 05.5	17.2 N	J38
C/2008 P1	2009 11 19.83538	22 57 38.36	+31 13 18.7	17.2 N	160
C/2008 P1	2009 11 19.83808	22 57 38.30	+31 13 18.7	17.1 N	160
C/2008 P1	2009 11 19.84324	22 57 38.26	+31 13 18.0	17.2 T	215
C/2008 P1	2009 11 19.84394	22 57 38.23	+31 13 18.2	17.1 T	215
C/2008 P1	2009 11 19.84465	22 57 38.20	+31 13 18.2	17.0 T	215
C/2008 P1	2009 11 19.86447	22 57 37.79	+31 13 19.2	17.1 N	J51
C/2008 P1	2009 11 19.87309	22 57 37.60	+31 13 19.6	17.1 N	J51

C/2008 P1	2009 11 19.88049	22 57 37.54	+31 13 18.6	17.0 N	945
C/2008 P1	2009 11 19.88295	22 57 37.39	+31 13 20.0	17.1 N	J51
C/2008 P1	2009 11 19.88356	22 57 37.39	+31 13 20.1	17.0 N	945
C/2008 P1	2009 11 19.88655	22 57 37.19	+31 13 19.2	17.2 N	945
C/2008 P1	2009 11 19.89108	22 57 37.28	+31 13 20.2	17.1 N	945
C/2008 P1	2009 11 19.89600	22 57 37.41	+31 13 18.6	17.2 N	945
C/2008 P1	2009 11 20.72511	22 57 19.65	+31 13 32.3	16.9 N	A77
C/2008 P1	2009 11 20.73291	22 57 19.51	+31 13 32.2	16.8 N	A77
C/2008 P1	2009 11 20.74225	22 57 19.30	+31 13 32.4	16.8 N	A77
C/2008 P1	2009 11 20.75300	22 57 19.01	+31 13 33.5	17.9 N	B51
C/2008 P1	2009 11 20.80015	22 57 18.14	+31 13 34.4	16.7 N	A77
C/2008 P1	2009 11 20.80484	22 57 18.10	+31 13 33.8	16.8 N	A77
C/2008 P1	2009 11 20.80952	22 57 17.89	+31 13 34.0	16.8 N	A77
C/2008 P1	2009 11 21.78666	22 56 58.64	+31 13 51.9	17.1 N	J47
C/2008 P1	2009 11 21.79630	22 56 58.40	+31 13 51.5	17.6 N	J47
C/2008 P1	2009 11 21.80576	22 56 58.21	+31 13 51.6	17.2 N	J47
C/2008 P1	2009 11 22.06909	22 56 53.11	+31 13 58.5	17.5 N	I10
C/2008 P1	2009 11 22.07213	22 56 53.06	+31 13 58.9	17.1 N	I10
C/2008 P1	2009 11 23.81352	22 56 22.75	+31 14 33.4	17.9 N	J10
C/2008 P1	2009 11 23.81867	22 56 22.58	+31 14 33.5	18.1 N	J10
C/2008 P1	2009 11 23.82381	22 56 22.46	+31 14 33.8	18.0 N	J10
C/2008 P1	2009 11 23.86933	22 56 21.77	+31 14 34.7	17.3 N	J38
C/2008 P1	2009 11 23.87357	22 56 21.70	+31 14 34.8	17.3 N	J38
C/2008 P1	2009 11 23.87780	22 56 21.64	+31 14 34.9	17.3 N	J38
C/2008 P1	2009 11 23.93003	22 56 20.72	+31 14 36.4	17.2 N	J53
C/2008 P1	2009 11 23.93298	22 56 20.65	+31 14 36.3	17.2 N	J53
C/2008 P1	2009 11 23.93889	22 56 20.55	+31 14 36.4	17.2 N	J53
C/2008 P1	2009 11 24.23484	22 56 16.00	+31 14 40.7	16.5 T	703
C/2008 P1	2009 11 24.25303	22 56 15.72	+31 14 41.5	16.5 T	703
C/2008 P1	2009 11 24.26211	22 56 15.46	+31 14 42.8	16.7 T	703
C/2008 P1	2009 11 24.79122	22 56 07.45	+31 14 58.1	17.4 N	939
C/2008 P1	2009 11 24.80003	22 56 07.31	+31 14 58.2	17.3 N	939
C/2008 P1	2009 11 24.80446	22 56 07.25	+31 14 58.0	17.4 N	939
C/2008 P1	2009 11 24.83713	22 56 06.73	+31 15 00.8	17.3 N	J47
C/2008 P1	2009 11 24.85133	22 56 06.51	+31 15 00.8	17.4 N	J47
C/2008 P1	2009 11 24.86446	22 56 06.35	+31 15 01.6	17.5 N	J47
C/2008 P1	2009 11 24.87564	22 56 06.09	+31 15 01.5	17.3 N	J47
C/2008 P1	2009 11 24.88782	22 56 05.95	+31 15 01.8	17.2 N	J47
C/2008 P1	2009 11 28.76743	22 55 18.52	+31 17 09.3	16.3 N	A77
C/2008 P1	2009 11 28.77293	22 55 18.45	+31 17 09.2	16.6 N	A77
C/2008 P1	2009 11 28.91343	22 55 16.99	+31 17 15.6	17.5 N	J47
C/2008 P1	2009 11 28.91900	22 55 16.86	+31 17 16.2	17.6 N	J47

C/2008 Q3 (Garradd)

C/2008 Q3	2009 11 07.82943	13 28 12.28	+12 11 34.1	13.3 T	349
C/2008 Q3	2009 11 07.83284	13 28 12.40	+12 11 36.0		349
C/2008 Q3	2009 11 07.83624	13 28 12.52	+12 11 37.7		349
C/2008 Q3	2009 11 08.82220	13 28 43.18	+12 21 31.8	13.4 T	349
C/2008 Q3	2009 11 08.82911	13 28 43.41	+12 21 35.4		349
C/2008 Q3	2009 11 17.50810	13 32 58.20	+13 55 57.3		H06
C/2008 Q3	2009 11 17.51367	13 32 58.38	+13 56 00.9	13.3 T	H06
C/2008 Q3	2009 11 21.50781	13 34 44.83	+14 44 18.8		H06
C/2008 Q3	2009 11 21.51154	13 34 44.92	+14 44 21.7	13.6 T	H06

C/2008 Q3	2009 11 21.85929	13 34 53.78	+14 48 43.4		367
C/2008 Q3	2009 11 21.86415	13 34 53.92	+14 48 47.1	14.6 T	367
C/2008 Q3	2009 11 22.16571	13 35 01.57	+14 52 34.3	16.7 N	215
C/2008 Q3	2009 11 22.16641	13 35 01.58	+14 52 34.7	16.6 N	215
C/2008 Q3	2009 11 22.16712	13 35 01.59	+14 52 35.1	16.5 N	215
C/2008 Q3	2009 11 25.27546	13 36 17.73	+15 33 00.7	16.0 N	J47
C/2008 Q3	2009 11 26.81954	13 36 53.42	+15 53 52.8	13.6 T	349
C/2008 Q3	2009 11 26.82190	13 36 53.48	+15 53 54.6		349
C/2008 Q3	2009 11 26.82426	13 36 53.51	+15 53 56.4		349
C/2008 Q3	2009 11 28.47049	13 37 30.05	+16 16 49.1	16.1 N	H10
C/2008 Q3	2009 11 28.47221	13 37 30.04	+16 16 51.2	16.0 N	H10

C/2008 S3 (Boattini)

C/2008 S3	2009 10 15.12016	03 21 31.27	+20 16 51.6	16.9 N	C08
C/2008 S3	2009 10 21.64722	03 16 56.66	+20 07 21.9	17.5 N	400
C/2008 S3	2009 10 21.65625	03 16 56.26	+20 07 21.4	17.5 N	400
C/2008 S3	2009 10 21.66303	03 16 55.95	+20 07 21.1	17.5 N	400
C/2008 S3	2009 11 05.63060	03 05 43.97	+19 40 37.7		349
C/2008 S3	2009 11 05.63505	03 05 43.78	+19 40 36.8	17.9 T	349
C/2008 S3	2009 11 06.80230	03 04 49.99	+19 38 15.9	17.6 N	A77
C/2008 S3	2009 11 06.80856	03 04 49.72	+19 38 15.0	17.4 N	A77
C/2008 S3	2009 11 06.81480	03 04 49.41	+19 38 14.4	17.5 N	A77
C/2008 S3	2009 11 08.40127	03 03 35.92	+19 35 01.4	18.0 T	G96
C/2008 S3	2009 11 10.96630	03 01 37.25	+19 29 42.4	18.2 N	160
C/2008 S3	2009 11 10.96724	03 01 37.23	+19 29 42.5	18.1 N	160
C/2008 S3	2009 11 10.96818	03 01 37.19	+19 29 42.5	18.2 N	160
C/2008 S3	2009 11 14.60462	02 58 48.85	+19 21 57.6		900
C/2008 S3	2009 11 14.61522	02 58 48.37	+19 21 55.8	17.7 T	900
C/2008 S3	2009 11 17.25504	02 56 46.68	+19 16 12.3	18.9 T	704
C/2008 S3	2009 11 17.26741	02 56 46.03	+19 16 10.3	19.1 T	704
C/2008 S3	2009 11 17.27984	02 56 45.46	+19 16 08.7	19.2 T	704
C/2008 S3	2009 11 17.29219	02 56 44.95	+19 16 07.4	19.1 T	704
C/2008 S3	2009 11 17.30456	02 56 44.30	+19 16 04.9	19.1 T	704
C/2008 S3	2009 11 17.93528	02 56 15.35	+19 14 41.0	18.0 N	213
C/2008 S3	2009 11 17.93850	02 56 15.20	+19 14 40.9	18.4 N	213
C/2008 S3	2009 11 19.28475	02 55 13.46	+19 11 42.3	18.0 N	H45
C/2008 S3	2009 11 19.28685	02 55 13.35	+19 11 42.2	18.0 N	H45
C/2008 S3	2009 11 19.29744	02 55 12.86	+19 11 40.3	18.1 N	H45
C/2008 S3	2009 11 19.30037	02 55 12.71	+19 11 40.3	18.0 N	H45
C/2008 S3	2009 11 19.31361	02 55 12.11	+19 11 38.3	18.0 N	H45
C/2008 S3	2009 11 19.31616	02 55 12.01	+19 11 38.2	18.1 N	H45
C/2008 S3	2009 11 19.98010	02 54 41.59	+19 10 08.6	18.6 N	160
C/2008 S3	2009 11 19.98414	02 54 41.47	+19 10 09.2	18.2 N	160
C/2008 S3	2009 11 21.18741	02 53 46.70	+19 07 29.9	18.8 T	704
C/2008 S3	2009 11 21.19965	02 53 45.99	+19 07 28.4	19.6 T	704
C/2008 S3	2009 11 21.21183	02 53 45.44	+19 07 25.7	19.0 T	704
C/2008 S3	2009 11 24.84041	02 51 01.81	+18 59 17.2	18.4 N	J28
C/2008 S3	2009 11 24.85690	02 51 01.06	+18 59 14.6	18.7 N	J28
C/2008 S3	2009 11 24.87339	02 51 00.30	+18 59 12.2	19.0 N	J28

C/2009 F6 (Yi-SWAN)

C/2009 F6	2009 10 10.81420	08 11 06.93	-18 14 20.4	17.1 T	349
C/2009 F6	2009 10 10.81726	08 11 06.93	-18 14 25.7		349
C/2009 F6	2009 10 19.45337	08 10 48.42	-22 17 56.8		H06

C/2009 F6	2009 10 19.45709	08 10 48.49	-22 18 04.7	17.5 T	H06
C/2009 F6	2009 11 10.36252	08 00 23.52	-32 22 56.8	18.0 N	I10
C/2009 F6	2009 11 14.79681	07 56 21.54	-34 17 40.7	18.1 T	900
C/2009 F6	2009 11 14.80706	07 56 20.83	-34 17 54.4		900

C/2009 K2 (Catalina)

C/2009 K2	2009 09 18.85013	16 30 29.46	+31 33 03.3	17.9 N	C08
C/2009 K2	2009 09 18.85450	16 30 29.54	+31 32 58.2	17.8 N	C08
C/2009 K2	2009 10 22.08171	17 08 46.90	+21 05 14.3		703
C/2009 K2	2009 10 22.08896	17 08 47.52	+21 05 07.5		703
C/2009 K2	2009 10 22.09640	17 08 48.00	+21 04 57.9	17.5 T	703
C/2009 K2	2009 10 22.10363	17 08 48.53	+21 04 50.9		703
C/2009 K2	2009 11 05.04406	17 27 08.38	+17 15 22.6	18.2 T	H45
C/2009 K2	2009 11 05.04645	17 27 08.49	+17 15 21.0	18.4 T	H45
C/2009 K2	2009 11 05.05014	17 27 08.80	+17 15 16.8	18.4 T	H45
C/2009 K2	2009 11 05.05400	17 27 09.12	+17 15 13.2	18.3 T	H45
C/2009 K2	2009 11 05.05564	17 27 09.19	+17 15 13.0	18.4 T	H45
C/2009 K2	2009 11 05.06000	17 27 09.57	+17 15 08.4	18.5 T	H45
C/2009 K2	2009 11 06.72820	17 29 24.97	+16 49 16.8	18.0 N	A77
C/2009 K2	2009 11 06.73287	17 29 25.34	+16 49 12.2	17.7 N	A77
C/2009 K2	2009 11 06.73756	17 29 25.73	+16 49 09.3	17.4 N	A77

P/2009 O3 (Hill)

P/2009 O3	2009 11 03.61300	01 32 58.26	-01 10 35.4	17.7 T	900
P/2009 O3	2009 11 03.62013	01 32 58.17	-01 10 38.0		900
P/2009 O3	2009 11 06.21702	01 32 05.46	-01 25 23.6	19.7 T	704
P/2009 O3	2009 11 06.23017	01 32 05.19	-01 25 29.0	19.3 T	704
P/2009 O3	2009 11 06.24338	01 32 04.89	-01 25 33.2	19.6 T	704
P/2009 O3	2009 11 06.25652	01 32 04.61	-01 25 38.1	19.6 T	704
P/2009 O3	2009 11 18.18041	01 29 17.98	-02 15 17.0	18.4 T	703
P/2009 O3	2009 11 18.18859	01 29 17.80	-02 15 20.3	18.3 T	703
P/2009 O3	2009 11 18.19679	01 29 17.66	-02 15 22.2	18.0 T	703
P/2009 O3	2009 11 18.20504	01 29 17.73	-02 15 24.1	18.8 T	703
P/2009 O3	2009 11 18.80303	01 29 13.09	-02 17 06.8	18.7 N	A13
P/2009 O3	2009 11 18.83170	01 29 12.83	-02 17 11.3	18.9 N	A13

C/2009 O4 (Hill)

C/2009 O4	2009 10 14.60590	23 08 14.37	-32 43 09.5		D25
C/2009 O4	2009 10 14.60857	23 08 14.17	-32 43 13.5		D25
C/2009 O4	2009 10 14.61226	23 08 13.80	-32 43 19.9		D25
C/2009 O4	2009 10 14.61487	23 08 13.59	-32 43 23.5	14.7 T	D25
C/2009 O4	2009 10 18.57120	23 02 56.71	-34 20 10.6	15.4 T	349
C/2009 O4	2009 10 18.57635	23 02 56.24	-34 20 16.8		349
C/2009 O4	2009 10 28.07639	22 52 04.59	-37 34 39.9		808
C/2009 O4	2009 10 28.08333	22 52 04.14	-37 34 46.7		808
C/2009 O4	2009 10 28.09028	22 52 03.70	-37 34 53.8		808
C/2009 O4	2009 10 30.08125	22 50 09.08	-38 09 21.8		808
C/2009 O4	2009 10 30.08958	22 50 08.62	-38 09 31.4		808
C/2009 O4	2009 10 30.09722	22 50 08.07	-38 09 38.6		808
C/2009 O4	2009 11 03.47023	22 46 25.77	-39 18 34.8		367
C/2009 O4	2009 11 03.47547	22 46 25.42	-39 18 39.8		900
C/2009 O4	2009 11 03.47601	22 46 25.37	-39 18 40.5	16.1 T	367
C/2009 O4	2009 11 03.48259	22 46 25.09	-39 18 46.1	16.3 N	900
C/2009 O4	2009 11 03.60859	22 46 19.03	-39 20 33.7	15.3 T	D90

C/2009 O4	2009 11 03.61245	22 46 18.86	-39 20 37.1		D90
C/2009 O4	2009 11 03.61631	22 46 18.68	-39 20 40.3		D90
C/2009 O4	2009 11 06.11809	22 44 30.31	-39 56 02.3	17.8 N	I10
C/2009 O4	2009 11 06.12844	22 44 29.82	-39 56 11.6	17.8 N	I10
C/2009 O4	2009 11 06.13758	22 44 29.46	-39 56 18.7	18.1 N	I10
C/2009 O4	2009 11 10.11230	22 42 04.80	-40 47 09.7	17.5 N	I10
C/2009 O4	2009 11 10.11537	22 42 04.72	-40 47 11.8	17.5 N	I10
C/2009 O4	2009 11 14.43880	22 40 06.09	-41 35 53.2		900
C/2009 O4	2009 11 14.44593	22 40 05.96	-41 35 57.8	16.5 N	900
C/2009 O4	2009 11 14.47042	22 40 05.31	-41 36 09.8		D90
C/2009 O4	2009 11 14.47327	22 40 05.26	-41 36 11.5	16.4 T	D90
C/2009 O4	2009 11 14.47611	22 40 05.20	-41 36 13.3		D90
C/2009 O4	2009 11 20.07149	22 38 30.92	-42 30 09.1	17.4 N	I10
C/2009 O4	2009 11 20.08655	22 38 30.69	-42 30 17.1	18.5 N	I10
C/2009 O4	2009 11 26.11685	22 38 01.61	-43 19 02.0	17.2 N	I10
C/2009 O4	2009 11 26.11839	22 38 01.65	-43 19 02.4	17.1 N	I10
C/2009 O4	2009 11 26.11994	22 38 01.64	-43 19 03.2	17.1 N	I10
C/2009 O4	2009 11 26.12148	22 38 01.65	-43 19 04.1	17.2 N	I10
C/2009 O4	2009 11 26.12302	22 38 01.58	-43 19 05.1	17.3 N	I10
C/2009 O4	2009 11 26.12454	22 38 01.66	-43 19 05.4	17.1 N	I10

C/2009 O5 (SOHO)

C/2009 O5	2009 07 29.15421	08 16 08.7	+17 01 23		3 249
Geocentric position (AU)	-0.00766085	+0.00795362	+0.00253466		
C/2009 O5	2009 07 29.19587	08 16 48.2	+17 05 58		3 249
Geocentric position (AU)	-0.00766204	+0.00795246	+0.00253383		
C/2009 O5	2009 07 29.22087	08 17 09.7	+17 08 20		3 249
Geocentric position (AU)	-0.00766276	+0.00795177	+0.00253334		
C/2009 O5	2009 07 29.23778	08 17 27.3	+17 10 17		3 249
Geocentric position (AU)	-0.00766324	+0.00795130	+0.00253301		
C/2009 O5	2009 07 29.26254	08 17 49.5	+17 12 20		3 249
Geocentric position (AU)	-0.00766394	+0.00795061	+0.00253252		
C/2009 O5	2009 07 29.27921	08 18 06.7	+17 14 37		3 249
Geocentric position (AU)	-0.00766442	+0.00795015	+0.00253219		
C/2009 O5	2009 07 29.32087	08 18 46.0	+17 18 35		3 249
Geocentric position (AU)	-0.00766560	+0.00794900	+0.00253137		
C/2009 O5	2009 07 29.34587	08 19 08.3	+17 23 09		3 249
Geocentric position (AU)	-0.00766631	+0.00794830	+0.00253088		
C/2009 O5	2009 07 29.36254	08 19 26.7	+17 23 34		3 249
Geocentric position (AU)	-0.00766678	+0.00794784	+0.00253056		
C/2009 O5	2009 07 29.38769	08 19 50.8	+17 26 27		3 249
Geocentric position (AU)	-0.00766749	+0.00794715	+0.00253007		
C/2009 O5	2009 07 29.40421	08 20 08.2	+17 27 48		3 249
Geocentric position (AU)	-0.00766795	+0.00794669	+0.00252975		
C/2009 O5	2009 07 29.43050	08 20 37.7	+17 31 18		3 249
Geocentric position (AU)	-0.00766869	+0.00794596	+0.00252923		
C/2009 O5	2009 07 29.47096	08 21 20.9	+17 35 21		3 249
Geocentric position (AU)	-0.00766983	+0.00794485	+0.00252845		
C/2009 O5	2009 07 29.48754	08 21 38.1	+17 37 09		3 249
Geocentric position (AU)	-0.00767029	+0.00794439	+0.00252813		
C/2009 O5	2009 07 29.52921	08 22 26.8	+17 42 16		3 249
Geocentric position (AU)	-0.00767145	+0.00794324	+0.00252732		

C/2009 O5	2009 07 29.55421	08 22 55.4	+17 45 50		3 249
Geocentric position (AU)	-0.00767215	+0.00794256	+0.00252684		
C/2009 O5	2009 07 29.57088	08 23 15.9	+17 47 59		3 249
Geocentric position (AU)	-0.00767261	+0.00794210	+0.00252652		
C/2009 O5	2009 07 29.59587	08 23 48.7	+17 50 58		3 249
Geocentric position (AU)	-0.00767330	+0.00794141	+0.00252604		
C/2009 O5	2009 07 29.61254	08 24 08.6	+17 53 36		3 249
Geocentric position (AU)	-0.00767376	+0.00794095	+0.00252572		
C/2009 O5	2009 07 29.63767	08 24 36.1	+17 55 46		3 249
Geocentric position (AU)	-0.00767446	+0.00794026	+0.00252524		
C/2009 O5	2009 07 29.65422	08 25 04.0	+17 58 40		3 249
Geocentric position (AU)	-0.00767492	+0.00793981	+0.00252492		
C/2009 O5	2009 07 29.67921	08 25 37.4	+18 02 24		3 249
Geocentric position (AU)	-0.00767560	+0.00793913	+0.00252444		

C/2009 P1 (Garradd)

C/2009 P1	2009 11 04.52034	23 17 06.35	-45 28 28.5	17.9 N	E16
C/2009 P1	2009 11 04.52646	23 17 06.16	-45 28 27.0	17.9 N	E16
C/2009 P1	2009 11 08.58432	23 15 02.57	-45 12 42.4	18.2 N	415
C/2009 P1	2009 11 08.58859	23 15 02.50	-45 12 41.6	18.3 N	415
C/2009 P1	2009 11 09.41738	23 14 38.81	-45 09 19.3	17.5 T	423
C/2009 P1	2009 11 09.44560	23 14 37.95	-45 09 12.6	17.6 T	423
C/2009 P1	2009 11 10.41932	23 14 10.69	-45 05 10.1	17.8 T	423
C/2009 P1	2009 11 10.44453	23 14 10.02	-45 05 03.1	17.6 T	423

C/2009 P2 (Boattini)

C/2009 P2	2009 09 19.89644	23 21 26.46	+14 53 09.8	18.1 N	C08
C/2009 P2	2009 09 19.89878	23 21 26.09	+14 53 11.4	18.1 N	C08
C/2009 P2	2009 11 03.84746	22 42 12.64	+10 00 20.8	19.8 N	160
C/2009 P2	2009 11 05.72941	22 41 02.93	+09 48 55.6	18.5 N	A77
C/2009 P2	2009 11 05.73407	22 41 02.86	+09 48 54.0	18.2 N	A77
C/2009 P2	2009 11 07.03251	22 40 16.20	+09 41 07.8	18.7 N	H45
C/2009 P2	2009 11 07.03468	22 40 16.18	+09 41 07.6	18.6 N	H45
C/2009 P2	2009 11 07.03627	22 40 16.05	+09 41 06.7	18.5 N	H45
C/2009 P2	2009 11 07.03954	22 40 15.96	+09 41 05.6	18.6 N	H45
C/2009 P2	2009 11 07.04058	22 40 15.95	+09 41 05.2	18.7 N	H45
C/2009 P2	2009 11 07.04238	22 40 15.89	+09 41 04.9	18.7 N	H45
C/2009 P2	2009 11 07.04403	22 40 15.81	+09 41 04.2	18.9 N	H45
C/2009 P2	2009 11 07.76708	22 39 50.44	+09 36 46.5	18.7 N	B18
C/2009 P2	2009 11 07.76986	22 39 50.36	+09 36 45.4	18.7 N	B18
C/2009 P2	2009 11 07.77197	22 39 50.29	+09 36 44.6	18.6 N	B18
C/2009 P2	2009 11 08.03142	22 39 41.35	+09 35 13.5	19.0 N	H45
C/2009 P2	2009 11 08.03351	22 39 41.29	+09 35 13.2	18.9 N	H45
C/2009 P2	2009 11 08.03578	22 39 41.17	+09 35 12.2	19.0 N	H45
C/2009 P2	2009 11 08.03921	22 39 41.05	+09 35 11.2	19.0 N	H45
C/2009 P2	2009 11 08.04061	22 39 41.02	+09 35 10.6	19.1 N	H45
C/2009 P2	2009 11 08.04237	22 39 41.01	+09 35 09.9	19.1 N	H45
C/2009 P2	2009 11 08.07487	22 39 39.90	+09 34 58.7	18.1 N	850
C/2009 P2	2009 11 08.10724	22 39 38.75	+09 34 47.4	19.1 N	850
C/2009 P2	2009 11 08.12487	22 39 38.16	+09 34 40.1	19.1 T	703
C/2009 P2	2009 11 08.13196	22 39 37.87	+09 34 38.3	19.2 T	703
C/2009 P2	2009 11 08.13921	22 39 37.65	+09 34 35.8	19.6 T	703
C/2009 P2	2009 11 08.15023	22 39 37.36	+09 34 32.4	19.0 T	703
C/2009 P2	2009 11 10.78224	22 38 09.39	+09 19 17.4	19.4 N	160

C/2009 P2	2009 11 10.78372	22 38 09.28	+09 19 16.5	19.5 N	160
C/2009 P2	2009 11 11.77240	22 37 37.70	+09 13 39.8	19.4 N	160
C/2009 P2	2009 11 13.80084	22 36 35.30	+09 02 22.4	19.1 N	J47
C/2009 P2	2009 11 13.80569	22 36 35.17	+09 02 20.9	19.2 N	J47
C/2009 P2	2009 11 13.81109	22 36 35.04	+09 02 19.1	18.9 N	J47
C/2009 P2	2009 11 17.96171	22 34 37.34	+08 40 05.4	19.5 N	J38
C/2009 P2	2009 11 17.97447	22 34 36.97	+08 40 03.1	19.3 N	J38
C/2009 P2	2009 11 17.97873	22 34 36.90	+08 40 00.6	19.4 N	J38
C/2009 P2	2009 11 19.07763	22 34 08.09	+08 34 19.7	19.5 N	850
C/2009 P2	2009 11 19.11166	22 34 07.05	+08 34 10.1	19.2 N	850
C/2009 P2	2009 11 19.82193	22 33 48.87	+08 30 32.0	19.3 T	215
C/2009 P2	2009 11 20.12464	22 33 41.08	+08 29 01.4	19.2 N	850
C/2009 P2	2009 11 20.13989	22 33 40.90	+08 28 56.3	19.5 N	850
C/2009 P2	2009 11 20.15511	22 33 40.53	+08 28 51.5	18.9 N	850
C/2009 P2	2009 11 22.05227	22 32 54.52	+08 19 28.0	19.5 N	I10
C/2009 P2	2009 11 22.05564	22 32 54.19	+08 19 26.6	18.9 N	I10
C/2009 P2	2009 11 24.61977	22 31 56.35	+08 07 09.0	18.9 N	B18
C/2009 P2	2009 11 24.62257	22 31 56.26	+08 07 07.8	19.3 N	B18
C/2009 P2	2009 11 24.62465	22 31 56.23	+08 07 08.0	18.7 N	B18
C/2009 P2	2009 11 28.86097	22 30 30.91	+07 47 57.8	20.0 N	J47
C/2009 P2	2009 11 28.86657	22 30 30.85	+07 47 57.6	19.2 N	J47
C/2009 P2	2009 11 28.87216	22 30 30.73	+07 47 56.2	18.8 N	J47

C/2009 P3 (SOHO)

C/2009 P3	2009 08 01.19588	08 23 31.5	+15 27 54		3 249
Geocentric position (AU)	-0.00773861	+0.00787338	+0.00248086		
C/2009 P3	2009 08 01.22087	08 23 49.2	+15 29 17		3 249
Geocentric position (AU)	-0.00773919	+0.00787276	+0.00248047		
C/2009 P3	2009 08 01.23754	08 24 02.3	+15 30 58		3 249
Geocentric position (AU)	-0.00773957	+0.00787235	+0.00248021		
C/2009 P3	2009 08 01.26254	08 24 24.0	+15 32 59		3 249
Geocentric position (AU)	-0.00774014	+0.00787173	+0.00247983		
C/2009 P3	2009 08 01.27921	08 24 35.3	+15 34 32		3 249
Geocentric position (AU)	-0.00774052	+0.00787132	+0.00247957		
C/2009 P3	2009 08 01.32089	08 25 02.3	+15 39 01		3 249
Geocentric position (AU)	-0.00774148	+0.00787029	+0.00247893		
C/2009 P3	2009 08 01.36254	08 25 42.0	+15 41 23		3 249
Geocentric position (AU)	-0.00774243	+0.00786926	+0.00247829		
C/2009 P3	2009 08 01.40453	08 26 16.2	+15 44 42		3 249
Geocentric position (AU)	-0.00774338	+0.00786823	+0.00247765		
C/2009 P3	2009 08 01.43306	08 26 39.9	+15 47 53		3 249
Geocentric position (AU)	-0.00774403	+0.00786753	+0.00247722		
C/2009 P3	2009 08 01.47096	08 27 11.1	+15 50 50		3 249
Geocentric position (AU)	-0.00774489	+0.00786660	+0.00247664		
C/2009 P3	2009 08 01.48754	08 27 24.1	+15 52 00		3 249
Geocentric position (AU)	-0.00774527	+0.00786619	+0.00247639		
C/2009 P3	2009 08 01.51254	08 27 45.4	+15 53 54		3 249
Geocentric position (AU)	-0.00774583	+0.00786558	+0.00247602		
C/2009 P3	2009 08 01.52921	08 27 59.1	+15 56 16		3 249
Geocentric position (AU)	-0.00774621	+0.00786517	+0.00247576		
C/2009 P3	2009 08 01.57088	08 28 36.1	+15 59 53		3 249
Geocentric position (AU)	-0.00774715	+0.00786416	+0.00247514		

C/2009 P3	2009 08 01.61254	08 29 13.2	+16 03 49		3 249
Geocentric position (AU)	-0.00774809	+0.00786314	+0.00247452		
C/2009 P3	2009 08 01.65421	08 29 53.2	+16 07 49		3 249
Geocentric position (AU)	-0.00774903	+0.00786213	+0.00247389		
C/2009 P3	2009 08 01.67921	08 30 15.2	+16 10 38		3 249
Geocentric position (AU)	-0.00774959	+0.00786152	+0.00247352		
C/2009 P3	2009 08 02.15421	08 39 05.1	+17 04 51		3 249
Geocentric position (AU)	-0.00776014	+0.00785011	+0.00246663		

C/2009 P4 (SOHO)

C/2009 P4	2009 08 09.97096	09 03 07.8	+14 20 28		3 249
Geocentric position (AU)	-0.00793540	+0.00768405	+0.00239107		
C/2009 P4	2009 08 09.98756	09 03 28.3	+14 23 15		3 249
Geocentric position (AU)	-0.00793583	+0.00768369	+0.00239095		
C/2009 P4	2009 08 10.01254	09 03 52.9	+14 26 00		3 249
Geocentric position (AU)	-0.00793649	+0.00768315	+0.00239079		
C/2009 P4	2009 08 10.02921	09 04 11.0	+14 26 42		3 249
Geocentric position (AU)	-0.00793692	+0.00768280	+0.00239068		
C/2009 P4	2009 08 10.05421	09 04 43.8	+14 29 44		3 249
Geocentric position (AU)	-0.00793758	+0.00768226	+0.00239051		
C/2009 P4	2009 08 10.07089	09 05 02.4	+14 30 36		3 249
Geocentric position (AU)	-0.00793801	+0.00768190	+0.00239040		
C/2009 P4	2009 08 10.09587	09 05 33.5	+14 33 27		3 249
Geocentric position (AU)	-0.00793867	+0.00768136	+0.00239023		
C/2009 P4	2009 08 10.11254	09 05 51.9	+14 34 57		3 249
Geocentric position (AU)	-0.00793910	+0.00768100	+0.00239012		
C/2009 P4	2009 08 10.13754	09 06 22.8	+14 37 10		3 249
Geocentric position (AU)	-0.00793976	+0.00768046	+0.00238995		
C/2009 P4	2009 08 10.15421	09 06 44.0	+14 39 17		3 249
Geocentric position (AU)	-0.00794020	+0.00768010	+0.00238984		
C/2009 P4	2009 08 10.17921	09 07 18.7	+14 41 39		3 249
Geocentric position (AU)	-0.00794086	+0.00767956	+0.00238968		
C/2009 P4	2009 08 10.19587	09 07 35.1	+14 44 10		3 249
Geocentric position (AU)	-0.00794130	+0.00767920	+0.00238957		
C/2009 P4	2009 08 10.22087	09 08 10.8	+14 45 53		3 249
Geocentric position (AU)	-0.00794196	+0.00767865	+0.00238940		
C/2009 P4	2009 08 10.23756	09 08 37.4	+14 48 07		3 249
Geocentric position (AU)	-0.00794240	+0.00767829	+0.00238929		
C/2009 P4	2009 08 10.26254	09 09 08.6	+14 50 34		3 249
Geocentric position (AU)	-0.00794306	+0.00767775	+0.00238913		
C/2009 P4	2009 08 10.27921	09 09 35.6	+14 52 33		3 249
Geocentric position (AU)	-0.00794350	+0.00767739	+0.00238902		
C/2009 P4	2009 08 10.30421	09 10 07.5	+14 56 10		3 249
Geocentric position (AU)	-0.00794417	+0.00767684	+0.00238885		

C/2009 P5 (SOHO)

C/2009 P5	2009 08 11.07087	08 59 23.9	+13 21 05		3 249
Geocentric position (AU)	-0.00796499	+0.00765980	+0.00238386		
C/2009 P5	2009 08 11.09587	08 59 43.5	+13 22 33		3 249
Geocentric position (AU)	-0.00796568	+0.00765923	+0.00238369		
C/2009 P5	2009 08 11.13754	09 00 20.7	+13 25 38		3 249
Geocentric position (AU)	-0.00796684	+0.00765828	+0.00238343		
C/2009 P5	2009 08 11.15421	09 00 35.4	+13 27 04		3 249
Geocentric position (AU)	-0.00796730	+0.00765790	+0.00238332		

2009 DEC. 2

M.P.C. 67635

C/2009 P5 2009 08 11.58754 09 07 54.6 +13 58 14 3 249
 Geocentric position (AU) -0.00797954 +0.00764787 +0.00238053
 C/2009 P5 2009 08 11.59589 09 08 05.9 +13 59 30 3 249
 Geocentric position (AU) -0.00797978 +0.00764768 +0.00238048

P/2009 Q1 (Hill)

P/2009 Q1 2009 10 25.89300 23 12 18.44 -07 32 05.1 21 N 1 204
 P/2009 Q1 2009 10 26.05845 23 12 19.55 -07 32 42.1 20.2 N 850
 P/2009 Q1 2009 10 26.08869 23 12 19.88 -07 32 49.5 20.3 N 850
 P/2009 Q1 2009 11 11.80181 23 17 00.48 -08 10 28.8 19.9 N A77
 P/2009 Q1 2009 11 11.80960 23 17 00.76 -08 10 32.0 20.2 N A77

P/2009 Q4 (Boattini)

P/2009 Q4 2009 10 26.97990 07 43 08.89 +05 11 05.2 15.8 N 585
 P/2009 Q4 2009 10 26.98345 07 43 09.63 +05 11 04.9 15.9 N 585
 P/2009 Q4 2009 10 26.98514 07 43 10.00 +05 11 04.6 13.9 N 585
 P/2009 Q4 2009 10 26.98557 07 43 10.04 +05 11 04.3 14.3 N 585
 P/2009 Q4 2009 10 26.99171 07 43 11.22 +05 11 02.1 15.8 N 585
 P/2009 Q4 2009 10 26.99299 07 43 11.44 +05 11 01.6 15.3 N 585
 P/2009 Q4 2009 10 26.99635 07 43 12.10 +05 10 59.9 15.9 N 585
 P/2009 Q4 2009 10 27.02391 07 43 17.44 +05 10 50.8 14.7 N 585
 P/2009 Q4 2009 10 27.02557 07 43 17.74 +05 10 50.6 15.5 N 585
 P/2009 Q4 2009 10 27.02897 07 43 18.42 +05 10 49.8 15.1 N 585
 P/2009 Q4 2009 10 27.69194 07 45 27.72 +05 07 08.1 D81
 P/2009 Q4 2009 10 27.69775 07 45 28.83 +05 07 06.8 14.7 T D81
 P/2009 Q4 2009 10 31.48773 07 57 41.77 +04 46 13.2 16.2 N H36
 P/2009 Q4 2009 10 31.49081 07 57 42.37 +04 46 12.2 16.1 N H36
 P/2009 Q4 2009 10 31.49542 07 57 43.19 +04 46 10.7 16.2 N H36
 P/2009 Q4 2009 11 01.09489 07 59 38.81 +04 42 56.2 16.6 N B81
 P/2009 Q4 2009 11 01.09724 07 59 39.32 +04 42 54.6 16.6 N B81
 P/2009 Q4 2009 11 01.10019 07 59 39.85 +04 42 54.8 16.6 N B81
 P/2009 Q4 2009 11 02.82471 08 05 09.52 +04 33 45.5 14.0 T 349
 P/2009 Q4 2009 11 02.82653 08 05 09.84 +04 33 44.7 349
 P/2009 Q4 2009 11 02.82832 08 05 10.18 +04 33 43.9 349
 P/2009 Q4 2009 11 03.10757 08 06 03.67 +04 32 14.6 204
 P/2009 Q4 2009 11 03.15383 08 06 12.53 +04 32 02.8 15.3 N J47
 P/2009 Q4 2009 11 03.15863 08 06 13.54 +04 32 01.2 15.2 N J47
 P/2009 Q4 2009 11 03.16503 08 06 14.75 +04 31 59.2 15.2 N J47
 P/2009 Q4 2009 11 03.19840 08 06 20.68 +04 31 45.9 15.1 N 204
 P/2009 Q4 2009 11 05.77793 08 14 29.64 +04 18 35.6 14.0 T 355
 P/2009 Q4 2009 11 05.77938 08 14 29.91 +04 18 35.1 15.4 N 355
 P/2009 Q4 2009 11 05.78081 08 14 30.15 +04 18 34.8 15.3 N 355
 P/2009 Q4 2009 11 05.78226 08 14 30.41 +04 18 34.7 15.4 N 355
 P/2009 Q4 2009 11 06.35082 08 16 17.69 +04 15 44.4 15.3 N 850
 P/2009 Q4 2009 11 06.36609 08 16 20.43 +04 15 40.3 15.6 N 850
 P/2009 Q4 2009 11 06.38139 08 16 23.23 +04 15 36.1 15.6 N 850
 P/2009 Q4 2009 11 06.45559 08 16 37.15 +04 15 14.4 H06
 P/2009 Q4 2009 11 06.45682 08 16 37.37 +04 15 14.0 H06
 P/2009 Q4 2009 11 06.45804 08 16 37.58 +04 15 13.6 13.8 T H06
 P/2009 Q4 2009 11 06.72448 08 17 27.78 +04 13 54.1 14.0 T 349
 P/2009 Q4 2009 11 06.72579 08 17 28.03 +04 13 53.7 349
 P/2009 Q4 2009 11 07.08123 08 18 34.30 +04 12 09.2 15.7 N B18
 P/2009 Q4 2009 11 07.08262 08 18 34.55 +04 12 08.7 16.0 N B18
 P/2009 Q4 2009 11 07.08403 08 18 34.80 +04 12 08.3 15.8 N B18

P/2009 Q4 2009 11 07.08542 08 18 35.06 +04 12 07.9 15.9 N B18
 P/2009 Q4 2009 11 07.08682 08 18 35.32 +04 12 07.4 16.0 N B18
 P/2009 Q4 2009 11 08.05398 08 21 36.34 +04 07 29.0 15.0 N 939
 P/2009 Q4 2009 11 08.05760 08 21 37.04 +04 07 28.6 14.9 N 939
 P/2009 Q4 2009 11 08.06122 08 21 37.75 +04 07 27.7 15.0 N 939
 P/2009 Q4 2009 11 08.21384 08 22 06.49 +04 06 53.7 14.2 N 110
 P/2009 Q4 2009 11 08.22118 08 22 07.94 +04 06 54.9 14.6 N 110
 P/2009 Q4 2009 11 09.04622 08 24 40.57 +04 02 49.7 14.7 N B18
 P/2009 Q4 2009 11 09.05322 08 24 41.79 +04 02 47.1 14.7 N B18
 P/2009 Q4 2009 11 09.21847 08 25 12.21 +04 02 02.0 14.4 N A77
 P/2009 Q4 2009 11 09.22003 08 25 12.46 +04 02 01.6 14.4 N A77
 P/2009 Q4 2009 11 09.22158 08 25 12.75 +04 02 01.2 14.4 N A77
 P/2009 Q4 2009 11 11.05340 08 30 50.45 +03 53 49.2 15.5 N B18
 P/2009 Q4 2009 11 11.05479 08 30 50.68 +03 53 48.7 15.5 N B18
 P/2009 Q4 2009 11 11.05758 08 30 51.19 +03 53 48.2 15.5 N B18
 P/2009 Q4 2009 11 11.05898 08 30 51.45 +03 53 47.7 15.5 N B18
 P/2009 Q4 2009 11 11.68974 08 32 47.24 +03 51 06.7 15.5 N 372
 P/2009 Q4 2009 11 12.10338 08 34 02.33 +03 49 19.8 15.6 N 130
 P/2009 Q4 2009 11 12.10415 08 34 02.48 +03 49 19.8 15.8 N 130
 P/2009 Q4 2009 11 12.10524 08 34 02.65 +03 49 19.7 15.7 N 130
 P/2009 Q4 2009 11 12.10601 08 34 02.78 +03 49 19.2 15.6 N 130
 P/2009 Q4 2009 11 12.22430 08 34 23.97 +03 48 49.5 14.4 N A77
 P/2009 Q4 2009 11 12.22587 08 34 24.23 +03 48 49.3 14.3 N A77
 P/2009 Q4 2009 11 12.22743 08 34 24.51 +03 48 48.7 14.4 N A77
 P/2009 Q4 2009 11 12.37999 08 34 52.62 +03 48 12.3 15.8 N 850
 P/2009 Q4 2009 11 12.39519 08 34 55.36 +03 48 08.5 15.7 N 850
 P/2009 Q4 2009 11 12.41025 08 34 57.99 +03 48 04.8 15.7 N 850
 P/2009 Q4 2009 11 13.03557 08 36 51.58 +03 45 30.5 15.5 N A79
 P/2009 Q4 2009 11 13.04083 08 36 52.59 +03 45 29.0 15.3 N A79
 P/2009 Q4 2009 11 13.04895 08 36 53.90 +03 45 28.0 15.5 N A79
 P/2009 Q4 2009 11 13.05406 08 36 54.89 +03 45 26.0 15.3 N A79
 P/2009 Q4 2009 11 13.18025 08 37 17.70 +03 44 58.3 15.0 N J47
 P/2009 Q4 2009 11 13.19480 08 37 20.26 +03 44 54.8 15.0 N J47
 P/2009 Q4 2009 11 13.20289 08 37 21.68 +03 44 52.4 15.0 N J47
 P/2009 Q4 2009 11 13.38696 08 37 55.00 +03 44 07.1 15.6 N 850
 P/2009 Q4 2009 11 13.40189 08 37 57.61 +03 44 03.7 15.5 N 850
 P/2009 Q4 2009 11 13.41684 08 38 00.27 +03 44 00.0 15.7 N 850
 P/2009 Q4 2009 11 13.43183 08 38 02.90 +03 43 56.6 15.6 N 850
 P/2009 Q4 2009 11 13.44682 08 38 05.51 +03 43 52.8 15.6 N 850
 P/2009 Q4 2009 11 14.14425 08 40 11.58 +03 41 10.5 14.1 N J51
 P/2009 Q4 2009 11 14.15194 08 40 12.93 +03 41 08.7 14.1 N J51
 P/2009 Q4 2009 11 14.16060 08 40 14.46 +03 41 06.7 14.1 N J51
 P/2009 Q4 2009 11 14.20620 08 40 22.08 +03 40 52.9 14.4 N 118
 P/2009 Q4 2009 11 14.20767 08 40 22.34 +03 40 52.6 14.4 N 118
 P/2009 Q4 2009 11 14.20915 08 40 22.60 +03 40 52.3 14.4 N 118
 P/2009 Q4 2009 11 14.21062 08 40 22.86 +03 40 51.9 14.4 N 118
 P/2009 Q4 2009 11 14.39187 08 40 55.75 +03 40 12.6 14.2 N 850
 P/2009 Q4 2009 11 14.40828 08 40 58.64 +03 40 08.9 14.0 N 850
 P/2009 Q4 2009 11 14.42770 08 41 02.05 +03 40 04.4 14.1 N 850
 P/2009 Q4 2009 11 14.76407 08 42 02.42 +03 38 48.3 900
 P/2009 Q4 2009 11 14.76799 08 42 03.12 +03 38 47.4 13.9 N 900
 P/2009 Q4 2009 11 15.05918 08 42 55.49 +03 37 42.0 13.8 N J31
 P/2009 Q4 2009 11 15.07064 08 42 57.47 +03 37 39.8 13.6 N J31

P/2009 Q4	2009 11 15.08389	08 42 59.79	+03 37 36.9	13.8 N	J31	P/2009 Q4	2009 11 21.75117	09 02 18.76	+03 17 32.9	15.1 N	900
P/2009 Q4	2009 11 15.09105	08 43 00.89	+03 37 35.4	13.9 N	213	P/2009 Q4	2009 11 21.75830	09 02 19.94	+03 17 32.0		900
P/2009 Q4	2009 11 15.09175	08 43 01.10	+03 37 34.8	13.9 N	213	P/2009 Q4	2009 11 23.11689	09 06 08.41	+03 14 39.7	16.2 N	J40
P/2009 Q4	2009 11 15.41966	08 43 59.16	+03 36 25.0	15.8 T	704	P/2009 Q4	2009 11 23.14878	09 06 13.60	+03 14 36.2	16.1 N	J40
P/2009 Q4	2009 11 15.43208	08 44 01.37	+03 36 22.1	15.5 T	704	P/2009 Q4	2009 11 23.16758	09 06 16.66	+03 14 34.1	15.8 N	J40
P/2009 Q4	2009 11 15.44450	08 44 03.57	+03 36 18.9	16.4 T	704	P/2009 Q4	2009 11 23.82311	09 08 05.39	+03 13 36.3	15.5 N	D25
P/2009 Q4	2009 11 15.45693	08 44 05.77	+03 36 16.7	15.9 T	704	P/2009 Q4	2009 11 23.82646	09 08 05.96	+03 13 35.9	16.0 N	D25
P/2009 Q4	2009 11 15.46944	08 44 07.98	+03 36 15.1	14.9 T	704	P/2009 Q4	2009 11 24.09348	09 08 50.44	+03 12 52.4	15.1 N	J38
P/2009 Q4	2009 11 16.38264	08 46 50.04	+03 33 00.1	15.3 N	850	P/2009 Q4	2009 11 24.10167	09 08 51.78	+03 12 51.4	15.1 N	J38
P/2009 Q4	2009 11 16.39763	08 46 52.61	+03 32 57.2	15.4 N	850	P/2009 Q4	2009 11 24.10349	09 08 52.05	+03 12 51.3	15.1 N	J38
P/2009 Q4	2009 11 16.41292	08 46 55.24	+03 32 54.1	15.4 N	850	P/2009 Q4	2009 11 24.27258	09 09 19.42	+03 12 37.3	15.2 N	J47
P/2009 Q4	2009 11 16.42817	08 46 57.90	+03 32 50.7	15.4 N	850	P/2009 Q4	2009 11 24.27554	09 09 19.90	+03 12 36.6	15.1 N	J47
P/2009 Q4	2009 11 16.43060	08 46 58.55	+03 32 50.7		H06	P/2009 Q4	2009 11 24.27914	09 09 20.49	+03 12 36.8	15.3 N	J47
P/2009 Q4	2009 11 16.43519	08 46 59.36	+03 32 50.0	14.4 T	H06	P/2009 Q4	2009 11 25.25571	09 12 01.70	+03 11 18.7	16.5 N	I10
P/2009 Q4	2009 11 16.44309	08 47 00.48	+03 32 47.8	15.5 N	850	P/2009 Q4	2009 11 25.26259	09 12 02.80	+03 11 18.5	16.4 N	I10
P/2009 Q4	2009 11 17.04852	08 48 47.46	+03 30 43.5	14.8 N	B18	P/2009 Q4	2009 11 25.38161	09 12 21.86	+03 10 56.1	16.4 N	H45
P/2009 Q4	2009 11 17.05131	08 48 47.92	+03 30 43.0	14.9 N	B18	P/2009 Q4	2009 11 25.38319	09 12 22.11	+03 10 56.1	16.4 N	H45
P/2009 Q4	2009 11 17.05271	08 48 48.19	+03 30 42.6	14.9 N	B18	P/2009 Q4	2009 11 25.38493	09 12 22.39	+03 10 55.8	16.2 N	H45
P/2009 Q4	2009 11 17.14634	08 49 04.51	+03 30 23.3	14.5 N	A71	P/2009 Q4	2009 11 25.38638	09 12 22.61	+03 10 55.6	16.4 N	H45
P/2009 Q4	2009 11 17.14778	08 49 04.73	+03 30 23.2	14.5 N	A71	P/2009 Q4	2009 11 25.38818	09 12 22.90	+03 10 55.5	16.4 N	H45
P/2009 Q4	2009 11 17.14922	08 49 05.00	+03 30 23.1	14.5 N	A71	P/2009 Q4	2009 11 25.39703	09 12 24.32	+03 10 54.8	16.3 N	H45
P/2009 Q4	2009 11 17.15353	08 49 05.76	+03 30 21.9	14.5 N	A71	P/2009 Q4	2009 11 25.39870	09 12 24.58	+03 10 54.7	16.3 N	H45
P/2009 Q4	2009 11 17.15497	08 49 05.94	+03 30 21.8	14.5 N	A71	P/2009 Q4	2009 11 25.44058	09 12 31.22	+03 10 52.0	15.6 N	H47
P/2009 Q4	2009 11 17.15640	08 49 06.29	+03 30 21.3	14.5 N	A71	P/2009 Q4	2009 11 25.44622	09 12 32.10	+03 10 51.0	15.5 N	H47
P/2009 Q4	2009 11 17.17000	08 49 08.84	+03 30 20.3	14.5 N	B74	P/2009 Q4	2009 11 25.45061	09 12 32.86	+03 10 49.8	15.3 N	H47
P/2009 Q4	2009 11 17.17524	08 49 09.72	+03 30 18.8	14.5 N	B74	P/2009 Q4	2009 11 26.39677	09 15 06.44	+03 09 42.0	15.9 N	850
P/2009 Q4	2009 11 17.18943	08 49 12.14	+03 30 16.0	14.4 N	B74	P/2009 Q4	2009 11 26.41194	09 15 08.84	+03 09 40.8	15.8 N	850
P/2009 Q4	2009 11 17.33304	08 49 37.63	+03 30 00.6	16.3 N	I10	P/2009 Q4	2009 11 26.42708	09 15 11.20	+03 09 40.0	15.9 N	850
P/2009 Q4	2009 11 17.33803	08 49 38.48	+03 29 59.9	16.2 N	I10	P/2009 Q4	2009 11 26.43073	09 15 11.89	+03 09 39.7	16.4 N	H45
P/2009 Q4	2009 11 17.47347	08 50 01.73	+03 29 22.8	15.0 N	H47	P/2009 Q4	2009 11 26.43211	09 15 12.11	+03 09 39.6	16.3 N	H45
P/2009 Q4	2009 11 17.47812	08 50 02.55	+03 29 21.6	15.0 N	H47	P/2009 Q4	2009 11 26.43337	09 15 12.29	+03 09 39.4	16.4 N	H45
P/2009 Q4	2009 11 17.48381	08 50 03.46	+03 29 20.9	15.1 N	H47	P/2009 Q4	2009 11 26.43628	09 15 12.80	+03 09 39.5	15.4 N	H47
P/2009 Q4	2009 11 18.33539	08 52 32.63	+03 26 51.8	16.2 N	I10	P/2009 Q4	2009 11 26.43664	09 15 12.82	+03 09 39.2	16.3 N	H45
P/2009 Q4	2009 11 18.33699	08 52 32.87	+03 26 51.5	16.1 N	I10	P/2009 Q4	2009 11 26.43861	09 15 13.13	+03 09 39.2	16.5 N	H45
P/2009 Q4	2009 11 18.33852	08 52 33.19	+03 26 50.9	16.1 N	I10	P/2009 Q4	2009 11 26.44089	09 15 13.48	+03 09 39.1	16.4 N	H45
P/2009 Q4	2009 11 19.33422	08 55 25.86	+03 23 55.7	15.1 N	I10	P/2009 Q4	2009 11 26.44218	09 15 13.60	+03 09 38.9	15.9 N	850
P/2009 Q4	2009 11 19.33590	08 55 26.04	+03 23 56.0	15.3 N	I10	P/2009 Q4	2009 11 26.44284	09 15 13.78	+03 09 39.1	16.4 N	H45
P/2009 Q4	2009 11 19.33767	08 55 26.42	+03 23 55.3	15.2 N	I10	P/2009 Q4	2009 11 26.44972	09 15 14.77	+03 09 39.3	15.5 N	H47
P/2009 Q4	2009 11 19.46806	08 55 48.62	+03 23 21.1	15.4 N	H47	P/2009 Q4	2009 11 26.45867	09 15 16.27	+03 09 38.3	15.4 N	H47
P/2009 Q4	2009 11 19.47154	08 55 49.14	+03 23 21.1	15.6 N	H47	P/2009 Q4	2009 11 27.46034	09 17 56.98	+03 08 43.1	15.3 N	H47
P/2009 Q4	2009 11 19.47755	08 55 50.17	+03 23 19.8	15.5 N	H47	P/2009 Q4	2009 11 27.46343	09 17 57.44	+03 08 42.5	15.3 N	H47
P/2009 Q4	2009 11 20.04674	08 57 28.57	+03 21 43.7	14.5 N	A71	P/2009 Q4	2009 11 27.46632	09 17 57.89	+03 08 42.6	15.1 N	H47
P/2009 Q4	2009 11 20.05157	08 57 29.38	+03 21 42.8	14.6 N	A71	P/2009 Q4	2009 11 28.03847	09 19 29.47	+03 08 16.1	15.2 N	213
P/2009 Q4	2009 11 20.05848	08 57 30.53	+03 21 41.9	14.6 N	A71	P/2009 Q4	2009 11 28.04127	09 19 29.88	+03 08 16.7	15.2 N	213
P/2009 Q4	2009 11 20.28955	08 58 10.26	+03 21 19.9	16.2 N	I10	P/2009 Q4	2009 11 28.04314	09 19 30.18	+03 08 16.1	15.3 N	213
P/2009 Q4	2009 11 20.30249	08 58 12.45	+03 21 17.4	16.1 N	I10	P/2009 Q4	2009 11 28.37568	09 20 22.59	+03 08 06.0	16.3 N	850
P/2009 Q4	2009 11 20.31612	08 58 14.70	+03 21 15.5	16.2 N	I10	P/2009 Q4	2009 11 28.39079	09 20 24.90	+03 08 06.0	16.5 N	850
P/2009 Q4	2009 11 20.46978	08 58 40.51	+03 20 40.7	15.6 N	H47	P/2009 Q4	2009 11 28.40589	09 20 27.26	+03 08 05.1	16.3 N	850
P/2009 Q4	2009 11 20.47324	08 58 41.20	+03 20 39.4	15.4 N	H47	P/2009 Q4	2009 11 28.42099	09 20 29.52	+03 08 04.5	16.2 N	850
P/2009 Q4	2009 11 20.47656	08 58 41.63	+03 20 39.8	15.8 N	H47	P/2009 Q4	2009 11 28.43608	09 20 31.86	+03 08 04.2	16.3 N	850
P/2009 Q4	2009 11 21.27103	09 00 57.06	+03 18 40.9	15.2 N	J47	P/2009 Q4	2009 11 28.45117	09 20 34.19	+03 08 03.9	16.4 N	850
P/2009 Q4	2009 11 21.27194	09 00 57.16	+03 18 41.4	16.5 N	J47	P/2009 Q4	2009 11 28.46629	09 20 36.49	+03 08 03.8	16.2 N	850
P/2009 Q4	2009 11 21.27286	09 00 57.33	+03 18 41.0	15.2 N	J47	P/2009 Q4	2009 11 29.24409	09 22 38.80	+03 07 46.5	15.3 N	J47

P/2009 Q4	2009 11 29.25022	09 22 39.74	+03 07 46.3	15.3 N	J47
P/2009 Q4	2009 11 29.25803	09 22 40.89	+03 07 46.5	15.3 N	J47
P/2009 Q4	2009 11 29.26414	09 22 41.84	+03 07 46.2	15.3 N	J47
P/2009 Q4	2009 11 29.26938	09 22 42.63	+03 07 46.2	15.4 N	J47

P/2009 Q5 (McNaught)

P/2009 Q5	2009 10 20.59483	01 16 07.62	-30 46 22.9		900
P/2009 Q5	2009 10 20.60196	01 16 07.41	-30 46 26.1	17.0 T	900
P/2009 Q5	2009 10 25.93968	01 13 57.39	-31 30 32.7	17.3 N	130
P/2009 Q5	2009 10 25.94169	01 13 57.33	-31 30 34.1	17.4 N	130
P/2009 Q5	2009 10 25.94420	01 13 57.26	-31 30 34.0	17.6 N	130
P/2009 Q5	2009 10 25.94671	01 13 57.25	-31 30 35.6	17.3 N	130
P/2009 Q5	2009 10 30.10938	01 12 26.34	-31 57 36.3		808
P/2009 Q5	2009 10 30.11701	01 12 26.14	-31 57 39.0		808
P/2009 Q5	2009 10 30.12465	01 12 26.08	-31 57 41.3		808
P/2009 Q5	2009 10 31.55323	01 11 57.58	-32 05 34.3	16.7 T	349
P/2009 Q5	2009 10 31.57787	01 11 57.02	-32 05 42.7		349
P/2009 Q5	2009 11 03.49523	01 11 03.81	-32 19 23.8		367
P/2009 Q5	2009 11 03.50104	01 11 03.68	-32 19 24.9	16.5 T	367
P/2009 Q5	2009 11 03.58394	01 11 02.17	-32 19 46.3	16.9 T	900
P/2009 Q5	2009 11 03.59107	01 11 02.02	-32 19 48.2		900
P/2009 Q5	2009 11 03.62810	01 11 01.31	-32 19 53.4	17.3 T	D90
P/2009 Q5	2009 11 03.63571	01 11 01.16	-32 19 55.2		D90
P/2009 Q5	2009 11 09.47113	01 09 37.46	-32 38 13.5	17.2 T	423
P/2009 Q5	2009 11 09.48580	01 09 37.26	-32 38 15.0	17.0 T	423
P/2009 Q5	2009 11 09.90873	01 09 32.37	-32 39 12.9	17.9 N	204
P/2009 Q5	2009 11 10.14655	01 09 29.69	-32 39 36.8	17.9 N	I10
P/2009 Q5	2009 11 10.14824	01 09 29.69	-32 39 37.1	18.0 N	I10
P/2009 Q5	2009 11 10.14993	01 09 29.65	-32 39 37.3	18.2 N	I10
P/2009 Q5	2009 11 10.46944	01 09 26.38	-32 40 12.3	17.0 T	423
P/2009 Q5	2009 11 10.48637	01 09 26.18	-32 40 14.5	17.1 T	423
P/2009 Q5	2009 11 14.53447	01 08 51.69	-32 45 06.5	17.0 T	900
P/2009 Q5	2009 11 14.54508	01 08 51.60	-32 45 06.6		900
P/2009 Q5	2009 11 20.12744	01 08 33.72	-32 43 32.2	18.1 N	I10
P/2009 Q5	2009 11 20.14594	01 08 33.70	-32 43 31.1	18.1 N	I10
P/2009 Q5	2009 11 22.12284	01 08 36.12	-32 40 51.6	18.4 N	I10
P/2009 Q5	2009 11 23.46564	01 08 40.49	-32 38 29.6	17.0 T	349
P/2009 Q5	2009 11 23.50815	01 08 40.56	-32 38 24.9		349
P/2009 Q5	2009 11 25.16364	01 08 48.79	-32 34 43.6	18.6 N	I10
P/2009 Q5	2009 11 25.17043	01 08 48.94	-32 34 44.0	18.8 N	I10
P/2009 Q5	2009 11 26.12818	01 08 55.11	-32 32 21.0	18.0 N	I10
P/2009 Q5	2009 11 26.12971	01 08 55.09	-32 32 20.7	18.0 N	I10
P/2009 Q5	2009 11 26.13125	01 08 55.11	-32 32 20.7	18.1 N	I10
P/2009 Q5	2009 11 26.13278	01 08 55.11	-32 32 20.1	18.1 N	I10
P/2009 Q5	2009 11 26.13432	01 08 55.12	-32 32 19.8	18.0 N	I10
P/2009 Q5	2009 11 26.13584	01 08 55.13	-32 32 19.6	18.0 N	I10

C/2009 Q6 (SOHO)

C/2009 Q6	2009 08 20.90421	09 41 47.9	+11 11 00		3 249
Geocentric position (AU)	-0.00828557	+0.00731736	+0.00230350		
C/2009 Q6	2009 08 20.92921	09 42 20.4	+11 11 42		3 249
Geocentric position (AU)	-0.00828638	+0.00731612	+0.00230323		
C/2009 Q6	2009 08 20.97097	09 43 10.2	+11 14 57		3 249
Geocentric position (AU)	-0.00828772	+0.00731404	+0.00230279		

C/2009 Q6	2009 08 20.98755	09 43 33.9	+11 16 02		3 249
Geocentric position (AU)	-0.00828826	+0.00731321	+0.00230261		
C/2009 Q6	2009 08 21.01254	09 44 05.7	+11 17 06		3 249
Geocentric position (AU)	-0.00828906	+0.00731196	+0.00230234		
C/2009 Q6	2009 08 21.02921	09 44 26.8	+11 18 45		3 249
Geocentric position (AU)	-0.00828960	+0.00731113	+0.00230216		
C/2009 Q6	2009 08 21.09587	09 45 57.3	+11 23 37		3 249
Geocentric position (AU)	-0.00829174	+0.00730779	+0.00230145		
C/2009 Q6	2009 08 21.11256	09 46 17.7	+11 25 02		3 249
Geocentric position (AU)	-0.00829227	+0.00730695	+0.00230127		
C/2009 Q6	2009 08 21.13761	09 46 52.4	+11 26 38		3 249
Geocentric position (AU)	-0.00829308	+0.00730569	+0.00230100		
C/2009 Q6	2009 08 21.15421	09 47 18.4	+11 28 04		3 249
Geocentric position (AU)	-0.00829361	+0.00730485	+0.00230082		
C/2009 Q6	2009 08 21.17921	09 47 56.0	+11 30 03		3 249
Geocentric position (AU)	-0.00829441	+0.00730359	+0.00230055		
C/2009 Q6	2009 08 21.22087	09 48 57.3	+11 32 25		3 249
Geocentric position (AU)	-0.00829574	+0.00730149	+0.00230010		
C/2009 Q6	2009 08 21.23754	09 49 21.8	+11 34 40		3 249
Geocentric position (AU)	-0.00829627	+0.00730065	+0.00229992		
C/2009 Q6	2009 08 21.26254	09 50 02.6	+11 36 07		3 249
Geocentric position (AU)	-0.00829707	+0.00729938	+0.00229965		
C/2009 Q6	2009 08 21.27921	09 50 27.5	+11 38 30		3 249
Geocentric position (AU)	-0.00829760	+0.00729854	+0.00229947		

C/2009 Q7 (SOHO)

C/2009 Q7	2009 08 22.76254	09 51 32.8	+10 48 34		3 249
Geocentric position (AU)	-0.00834355	+0.00722051	+0.00228326		
C/2009 Q7	2009 08 22.77921	09 52 00.1	+10 49 42		3 249
Geocentric position (AU)	-0.00834405	+0.00721960	+0.00228307		
C/2009 Q7	2009 08 22.80422	09 52 26.8	+10 51 19		3 249
Geocentric position (AU)	-0.00834480	+0.00721824	+0.00228280		
C/2009 Q7	2009 08 22.82087	09 52 52.8	+10 52 06		3 249
Geocentric position (AU)	-0.00834530	+0.00721733	+0.00228261		
C/2009 Q7	2009 08 22.84587	09 53 27.7	+10 54 22		3 249
Geocentric position (AU)	-0.00834605	+0.00721597	+0.00228234		
C/2009 Q7	2009 08 22.86254	09 53 53.4	+10 55 23		3 249
Geocentric position (AU)	-0.00834655	+0.00721506	+0.00228216		
C/2009 Q7	2009 08 22.88781	09 54 33.0	+10 57 49		3 249
Geocentric position (AU)	-0.00834731	+0.00721368	+0.00228188		
C/2009 Q7	2009 08 22.90421	09 54 58.6	+10 59 21		3 249
Geocentric position (AU)	-0.00834780	+0.00721278	+0.00228170		
C/2009 Q7	2009 08 22.92921	09 55 26.4	+10 59 44		3 249
Geocentric position (AU)	-0.00834855	+0.00721141	+0.00228142		
C/2009 Q7	2009 08 22.98754	09 57 03.5	+11 05 01		3 249
Geocentric position (AU)	-0.00835029	+0.00720821	+0.00228078		
C/2009 Q7	2009 08 23.01254	09 57 39.3	+11 07 00		3 249
Geocentric position (AU)	-0.00835103	+0.00720684	+0.00228050		
C/2009 Q7	2009 08 23.02921	09 58 18.8	+11 08 41		3 249
Geocentric position (AU)	-0.00835153	+0.00720593	+0.00228032		

C/2009 Q8 (SOHO)

C/2009 Q8	2009 08 31.13767	10 20 26.6	+07 49 11		3 249
Geocentric position (AU)	-0.00857511	+0.00670338	+0.00219584		

C/2009 Q8	2009 08 31.15421	10 20 50.6	+07 49 52	3 249
Geocentric position (AU)	-0.00857558	+0.00670224	+0.00219567	
C/2009 Q8	2009 08 31.17921	10 21 17.6	+07 51 45	3 249
Geocentric position (AU)	-0.00857629	+0.00670052	+0.00219542	
C/2009 Q8	2009 08 31.19587	10 21 42.9	+07 52 33	3 249
Geocentric position (AU)	-0.00857676	+0.00669938	+0.00219526	
C/2009 Q8	2009 08 31.22087	10 22 18.0	+07 53 12	3 249
Geocentric position (AU)	-0.00857747	+0.00669766	+0.00219501	
C/2009 Q8	2009 08 31.23754	10 22 44.0	+07 54 33	3 249
Geocentric position (AU)	-0.00857795	+0.00669652	+0.00219484	
C/2009 Q8	2009 08 31.26254	10 23 14.8	+07 55 32	3 249
Geocentric position (AU)	-0.00857866	+0.00669480	+0.00219459	
C/2009 Q8	2009 08 31.27921	10 23 41.9	+07 57 02	3 249
Geocentric position (AU)	-0.00857913	+0.00669365	+0.00219442	
C/2009 Q8	2009 08 31.30421	10 24 16.6	+07 57 32	3 249
Geocentric position (AU)	-0.00857984	+0.00669193	+0.00219417	
C/2009 Q8	2009 08 31.32088	10 24 43.3	+07 59 49	3 249
Geocentric position (AU)	-0.00858032	+0.00669078	+0.00219401	
C/2009 Q8	2009 08 31.34588	10 25 16.6	+08 00 28	3 249
Geocentric position (AU)	-0.00858103	+0.00668905	+0.00219376	
C/2009 Q8	2009 08 31.36254	10 25 44.9	+08 02 08	3 249
Geocentric position (AU)	-0.00858151	+0.00668790	+0.00219359	
C/2009 Q8	2009 08 31.38765	10 26 23.5	+08 03 00	3 249
Geocentric position (AU)	-0.00858223	+0.00668617	+0.00219334	
C/2009 Q8	2009 08 31.40421	10 26 48.2	+08 04 08	3 249
Geocentric position (AU)	-0.00858270	+0.00668503	+0.00219317	
C/2009 Q8	2009 08 31.43052	10 27 34.4	+08 06 33	3 249
Geocentric position (AU)	-0.00858345	+0.00668321	+0.00219291	
C/2009 Q8	2009 08 31.47096	10 28 41.3	+08 08 42	3 249
Geocentric position (AU)	-0.00858461	+0.00668041	+0.00219250	
C/2009 Q8	2009 08 31.48754	10 29 06.7	+08 09 55	3 249
Geocentric position (AU)	-0.00858509	+0.00667926	+0.00219234	
C/2009 Q8	2009 08 31.51254	10 29 51.4	+08 11 53	3 249
Geocentric position (AU)	-0.00858581	+0.00667753	+0.00219209	

P/2009 QG₃₁ (La Sagra)

P/2009 QG ₃₁	2009 10 25.81353	22 24 40.48	-08 18 48.9	19.9 N	2 204
P/2009 QG ₃₁	2009 10 26.74548	22 25 09.77	-08 13 45.4	18.8 T	585
P/2009 QG ₃₁	2009 11 09.15881	22 34 37.48	-06 49 48.1	20.5 T	G96
P/2009 QG ₃₁	2009 11 09.16572	22 34 37.84	-06 49 45.0	20.8 T	G96
P/2009 QG ₃₁	2009 11 09.17267	22 34 38.13	-06 49 41.9	20.5 T	G96
P/2009 QG ₃₁	2009 11 09.17976	22 34 38.53	-06 49 39.5	20.7 T	G96
P/2009 QG ₃₁	2009 11 12.88805	22 37 59.46	-06 22 59.0	20.0 N	J47
P/2009 QG ₃₁	2009 11 12.89033	22 37 59.57	-06 22 57.8	20.1 N	J47
P/2009 QG ₃₁	2009 11 12.89264	22 37 59.74	-06 22 56.2	20.0 N	J47
P/2009 QG ₃₁	2009 11 17.10940	22 42 08.82	-05 51 02.7	20.8 T	G96
P/2009 QG ₃₁	2009 11 17.11787	22 42 09.36	-05 50 58.7	20.6 T	G96
P/2009 QG ₃₁	2009 11 17.12605	22 42 09.79	-05 50 54.7	20.6 T	G96
P/2009 QG ₃₁	2009 11 17.13436	22 42 10.29	-05 50 51.1	20.8 T	G96

C/2009 R1 (McNaught)

C/2009 R1	2009 10 22.08616	20 45 15.42	-31 18 58.9	17.9 N	I10
C/2009 R1	2009 10 22.15896	20 45 13.58	-31 18 35.4	17.9 N	I10
C/2009 R1	2009 11 03.44156	20 42 12.20	-30 05 28.3	17.1 T	900

C/2009 R1	2009 11 03.45069	20 42 12.13	-30 05 23.6		900
C/2009 R1	2009 11 07.04945	20 41 53.91	-29 42 29.2	17.8 N	I10
C/2009 R1	2009 11 07.76656	20 41 52.21	-29 37 54.0	16.9 N	B74
C/2009 R1	2009 11 08.40553	20 41 51.13	-29 33 45.6	16.8 T	349
C/2009 R1	2009 11 08.40925	20 41 51.07	-29 33 43.4		349
C/2009 R1	2009 11 10.05453	20 41 50.37	-29 22 57.1	17.3 N	I10
C/2009 R1	2009 11 12.02805	20 41 53.62	-29 09 55.6	16.7 N	I10
C/2009 R1	2009 11 13.09181	20 41 57.19	-29 02 50.3	17.6 N	I10
C/2009 R1	2009 11 13.11355	20 41 57.28	-29 02 41.5	17.7 N	I10
C/2009 R1	2009 11 15.82961	20 42 12.19	-28 44 26.8	16.9 N	J47
C/2009 R1	2009 11 15.83569	20 42 12.23	-28 44 24.4	17.0 N	J47
C/2009 R1	2009 11 15.84178	20 42 12.24	-28 44 21.2	17.3 N	J47

P/2009 S2 (McNaught)

P/2009 S2	2009 10 20.71482	03 25 39.06	-28 43 30.2	18.5 T	349
P/2009 S2	2009 10 20.71931	03 25 38.92	-28 43 31.0		349
P/2009 S2	2009 11 11.63921	03 08 47.07	-28 35 13.5	19.1 T	E12
P/2009 S2	2009 11 11.66521	03 08 45.78	-28 35 05.5	19.1 T	E12
P/2009 S2	2009 11 11.67817	03 08 45.20	-28 35 02.4	19.4 T	E12

P/2009 SK₂₈₀ (Spacewatch-Hill)

P/2009 SK ₂₈₀	2009 10 24.27463	01 26 56.65	+03 47 22.9	20.1 T	G96
P/2009 SK ₂₈₀	2009 10 24.28139	01 26 56.40	+03 47 22.9	19.8 T	G96
P/2009 SK ₂₈₀	2009 10 24.28822	01 26 56.11	+03 47 21.8	19.8 T	G96
P/2009 SK ₂₈₀	2009 10 24.29509	01 26 55.89	+03 47 21.9	20.0 T	G96
P/2009 SK ₂₈₀	2009 10 25.95909	01 25 53.00	+03 46 19.3	19.1 N	130
P/2009 SK ₂₈₀	2009 10 25.97156	01 25 52.57	+03 46 19.2	19.5 N	130
P/2009 SK ₂₈₀	2009 11 09.85969	01 17 18.60	+03 43 47.6	19.6 N	204
P/2009 SK ₂₈₀	2009 11 09.99442	01 17 14.39	+03 43 49.7		204
P/2009 SK ₂₈₀	2009 11 11.82965	01 16 19.65	+03 44 29.3	19.7 N	A77
P/2009 SK ₂₈₀	2009 11 11.83897	01 16 19.46	+03 44 31.5	19.6 N	A77
P/2009 SK ₂₈₀	2009 11 16.21353	01 14 18.34	+03 47 08.6	20.0 T	G96
P/2009 SK ₂₈₀	2009 11 16.21985	01 14 18.20	+03 47 09.1	19.8 T	G96
P/2009 SK ₂₈₀	2009 11 16.22635	01 14 17.98	+03 47 09.0	19.3 T	G96
P/2009 SK ₂₈₀	2009 11 16.23272	01 14 17.80	+03 47 09.7	20.3 T	G96
P/2009 SK ₂₈₀	2009 11 18.77098	01 13 14.47	+03 49 22.0	19.4 T	215
P/2009 SK ₂₈₀	2009 11 21.55190	01 12 10.69	+03 52 20.1	19.8 T	349
P/2009 SK ₂₈₀	2009 11 21.55914	01 12 10.58	+03 52 21.2		349

C/2009 T1 (McNaught)

C/2009 T1	2009 10 16.65235	06 05 31.72	-59 23 01.0		D90
C/2009 T1	2009 10 16.65631	06 05 31.60	-59 23 01.7	18.0 T	D90
C/2009 T1	2009 11 05.66336	05 42 22.35	-60 29 43.8	18.5 T	D90
C/2009 T1	2009 11 05.66716	05 42 21.98	-60 29 44.0		D90
C/2009 T1	2009 11 05.67095	05 42 21.63	-60 29 44.3		D90
C/2009 T1	2009 11 08.63605	05 38 11.43	-60 34 31.6	19.9 N	415
C/2009 T1	2009 11 08.64451	05 38 10.54	-60 34 33.2	19.2 N	415
C/2009 T1	2009 11 09.52035	05 36 54.95	-60 35 37.9	18.1 T	423
C/2009 T1	2009 11 09.56587	05 36 51.00	-60 35 40.7	17.9 T	423
C/2009 T1	2009 11 10.51691	05 35 27.75	-60 36 41.7	17.8 T	423
C/2009 T1	2009 11 10.59719	05 35 20.71	-60 36 47.0	17.9 T	423
C/2009 T1	2009 11 13.54999	05 30 56.98	-60 38 44.2	17.2 N	D25
C/2009 T1	2009 11 13.56089	05 30 55.85	-60 38 44.9	17.6 N	D25
C/2009 T1	2009 11 13.57178	05 30 54.94	-60 38 44.9	17.1 N	D25

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C/2009 T1	2009 11 25.73215	05 11 46.79	-60 26 51.6	17.6 N	D25
C/2009 T1	2009 11 25.73530	05 11 46.46	-60 26 51.1	17.3 N	D25
C/2009 T1	2009 11 27.69382	05 08 36.72	-60 21 45.1	19.0 N	415
C/2009 T1	2009 11 27.71682	05 08 34.57	-60 21 39.5	19.3 N	415

P/2009 T2 (La Sagra)

P/2009 T2	2009 10 13.60823	01 44 06.74	+21 33 14.4	17.4 T	355
P/2009 T2	2009 10 13.61144	01 44 06.69	+21 33 10.2		355
P/2009 T2	2009 10 13.61464	01 44 06.64	+21 33 04.9		355
P/2009 T2	2009 10 15.56542	01 43 41.95	+20 48 00.9	16.7 N	400
P/2009 T2	2009 10 15.58120	01 43 41.70	+20 47 38.7	16.8 N	400
P/2009 T2	2009 10 15.59699	01 43 41.45	+20 47 16.2	16.7 N	400
P/2009 T2	2009 10 20.59205	01 42 31.11	+18 43 15.3	16.7 N	D25
P/2009 T2	2009 10 20.60246	01 42 30.92	+18 42 59.1	16.8 N	D25
P/2009 T2	2009 10 20.60428	01 42 30.89	+18 42 56.2	16.8 N	D25
P/2009 T2	2009 10 20.88541	01 42 26.71	+18 35 25.3	17.4 N	473
P/2009 T2	2009 10 20.88958	01 42 26.63	+18 35 18.7	17.5 N	473
P/2009 T2	2009 10 21.61208	01 42 15.72	+18 16 18.4	16.0 N	400
P/2009 T2	2009 10 21.62110	01 42 15.57	+18 16 04.1	16.1 N	400
P/2009 T2	2009 10 21.63014	01 42 15.41	+18 15 49.7	16.0 N	400
P/2009 T2	2009 10 22.88541	01 41 57.09	+17 42 15.9	16.1 N	473
P/2009 T2	2009 10 22.88958	01 41 57.03	+17 42 09.3	16.3 N	473
P/2009 T2	2009 10 25.99652	01 41 11.41	+16 16 32.9	16.1 N	473
P/2009 T2	2009 10 25.99791	01 41 11.39	+16 16 30.4	16.1 N	473
P/2009 T2	2009 10 26.80696	01 41 00.33	+15 53 40.7	16.4 N	585
P/2009 T2	2009 10 26.80855	01 41 00.30	+15 53 38.4	16.4 N	585
P/2009 T2	2009 10 26.80932	01 41 00.29	+15 53 36.8	16.3 N	585
P/2009 T2	2009 10 26.81008	01 41 00.30	+15 53 35.9	16.4 N	585
P/2009 T2	2009 10 26.81087	01 41 00.22	+15 53 33.7	16.4 N	585
P/2009 T2	2009 10 26.81240	01 41 00.21	+15 53 31.1	16.4 N	585
P/2009 T2	2009 10 26.82038	01 41 00.10	+15 53 17.7	16.5 N	585
P/2009 T2	2009 10 26.89908	01 40 58.98	+15 51 05.1	16.4 N	160
P/2009 T2	2009 10 26.90181	01 40 58.92	+15 51 00.7	16.4 N	160
P/2009 T2	2009 10 26.90455	01 40 58.89	+15 50 55.8	16.4 N	160
P/2009 T2	2009 10 27.54778	01 40 50.03	+15 32 38.8	16.2 N	372
P/2009 T2	2009 10 27.55093	01 40 50.04	+15 32 33.3	16.4 N	372
P/2009 T2	2009 10 27.55442	01 40 49.95	+15 32 27.9	16.5 N	372
P/2009 T2	2009 10 27.76772	01 40 46.42	+15 26 20.7	15.9 T	349
P/2009 T2	2009 10 27.77008	01 40 46.38	+15 26 16.6		349
P/2009 T2	2009 10 27.77244	01 40 46.33	+15 26 12.5		349
P/2009 T2	2009 10 28.65243	01 40 34.85	+15 00 58.7	16.6 N	372
P/2009 T2	2009 10 28.65418	01 40 34.81	+15 00 55.5	16.5 N	372
P/2009 T2	2009 10 30.89073	01 40 06.88	+13 55 51.3	16.4 N	B74
P/2009 T2	2009 10 30.89814	01 40 06.79	+13 55 38.4	16.5 N	B74
P/2009 T2	2009 10 30.90473	01 40 06.70	+13 55 27.1	16.2 N	B74
P/2009 T2	2009 10 30.95194	01 40 06.09	+13 54 04.5	16.1 N	212
P/2009 T2	2009 10 30.95338	01 40 06.08	+13 54 02.0	16.1 N	212
P/2009 T2	2009 10 30.95480	01 40 06.05	+13 53 59.8	16.1 N	212
P/2009 T2	2009 10 30.95625	01 40 06.04	+13 53 57.3	16.1 N	212
P/2009 T2	2009 11 03.95760	01 39 24.03	+11 55 32.0	16.5 N	160
P/2009 T2	2009 11 03.96061	01 39 24.00	+11 55 26.6	16.5 N	160
P/2009 T2	2009 11 03.96106	01 39 23.99	+11 55 25.8	16.3 N	160
P/2009 T2	2009 11 03.96301	01 39 23.96	+11 55 22.2	16.2 N	160

P/2009 T2	2009 11 03.96549	01 39 23.94	+11 55 18.1	16.5 N	160
P/2009 T2	2009 11 03.96762	01 39 23.93	+11 55 14.1	16.4 N	160
P/2009 T2	2009 11 03.96975	01 39 23.89	+11 55 10.4	17.0 N	160
P/2009 T2	2009 11 03.98958	01 39 23.64	+11 54 34.3	16.3 N	473
P/2009 T2	2009 11 03.99072	01 39 23.63	+11 54 32.4	16.4 N	473
P/2009 T2	2009 11 04.90380	01 39 16.50	+11 27 22.0	16.4 N	J47
P/2009 T2	2009 11 04.90574	01 39 16.48	+11 27 18.3	16.3 N	J47
P/2009 T2	2009 11 04.90770	01 39 16.46	+11 27 14.5	16.5 N	J47
P/2009 T2	2009 11 05.77507	01 39 09.87	+11 01 19.8	16.0 N	B18
P/2009 T2	2009 11 05.77786	01 39 09.78	+11 01 14.6	16.2 N	B18
P/2009 T2	2009 11 05.78066	01 39 09.82	+11 01 10.0	16.4 N	B18
P/2009 T2	2009 11 05.81302	01 39 09.63	+11 00 11.0	16.0 N	A71
P/2009 T2	2009 11 05.82092	01 39 09.56	+10 59 57.2	16.1 N	A71
P/2009 T2	2009 11 05.82683	01 39 09.49	+10 59 46.5	15.9 N	A71
P/2009 T2	2009 11 05.85347	01 39 09.24	+10 58 59.0	16.0 N	473
P/2009 T2	2009 11 05.85486	01 39 09.23	+10 58 56.7	16.0 N	473
P/2009 T2	2009 11 06.19945	01 39 06.71	+10 48 41.5	16.0 N	850
P/2009 T2	2009 11 06.20887	01 39 06.62	+10 48 24.7	16.0 N	850
P/2009 T2	2009 11 06.58407	01 39 04.17	+10 37 12.5	16.3 T	355
P/2009 T2	2009 11 06.58514	01 39 04.17	+10 37 10.5	16.5 T	355
P/2009 T2	2009 11 06.59260	01 39 04.11	+10 36 57.8	16.6 T	355
P/2009 T2	2009 11 06.59368	01 39 04.09	+10 36 55.6	16.6 T	355
P/2009 T2	2009 11 06.84245	01 39 02.94	+10 29 29.2	15.7 N	A77
P/2009 T2	2009 11 06.84869	01 39 02.87	+10 29 18.0	15.6 N	A77
P/2009 T2	2009 11 06.85494	01 39 02.83	+10 29 07.2	15.6 N	A77
P/2009 T2	2009 11 06.87156	01 39 02.68	+10 28 37.3	17.5 N	213
P/2009 T2	2009 11 06.87359	01 39 02.66	+10 28 33.7	17.5 N	213
P/2009 T2	2009 11 06.87730	01 39 02.62	+10 28 27.1	17.6 N	213
P/2009 T2	2009 11 06.91135	01 39 02.31	+10 27 27.2	16.8 N	J10
P/2009 T2	2009 11 06.91852	01 39 02.37	+10 27 14.7	17.6 N	J10
P/2009 T2	2009 11 06.92596	01 39 02.24	+10 27 00.4	17.1 N	J10
P/2009 T2	2009 11 06.94975	01 39 01.72	+10 26 17.1	16.5 N	B18
P/2009 T2	2009 11 06.95113	01 39 01.72	+10 26 14.7	16.4 N	B18
P/2009 T2	2009 11 06.95252	01 39 01.71	+10 26 12.1	16.4 N	B18
P/2009 T2	2009 11 06.95394	01 39 01.71	+10 26 09.7	16.3 N	B18
P/2009 T2	2009 11 06.95532	01 39 01.67	+10 26 07.1	16.4 N	B18
P/2009 T2	2009 11 07.07011	01 39 01.72	+10 22 42.7	16.7 T	H45
P/2009 T2	2009 11 07.07123	01 39 01.70	+10 22 40.8	16.7 T	H45
P/2009 T2	2009 11 07.07277	01 39 01.70	+10 22 38.0	16.8 T	H45
P/2009 T2	2009 11 07.07528	01 39 01.68	+10 22 33.4	16.7 T	H45
P/2009 T2	2009 11 07.07834	01 39 01.65	+10 22 28.4	16.8 T	H45
P/2009 T2	2009 11 07.08001	01 39 01.64	+10 22 25.2	16.7 T	H45
P/2009 T2	2009 11 07.16501	01 39 01.05	+10 19 54.3		H06
P/2009 T2	2009 11 07.16731	01 39 01.03	+10 19 50.1		H06
P/2009 T2	2009 11 07.16962	01 39 01.00	+10 19 45.7	16.5 T	H06
P/2009 T2	2009 11 07.71727	01 38 57.46	+10 03 25.6	15.8 T	349
P/2009 T2	2009 11 07.72219	01 38 57.42	+10 03 16.7		349
P/2009 T2	2009 11 07.72710	01 38 57.40	+10 03 08.3		349
P/2009 T2	2009 11 07.77493	01 38 57.72	+10 01 41.7	16.4 N	B18
P/2009 T2	2009 11 07.77632	01 38 57.71	+10 01 39.1	16.4 N	B18
P/2009 T2	2009 11 07.77771	01 38 57.71	+10 01 36.6	16.4 N	B18
P/2009 T2	2009 11 07.77911	01 38 57.70	+10 01 34.2	16.4 N	B18
P/2009 T2	2009 11 07.78050	01 38 57.67	+10 01 31.7	16.4 N	B18

P/2009 T2	2009 11 07.91221	01 38 57.01	+09 57 36.8	16.4 N	939	P/2009 T2	2009 11 10.92102	01 38 47.92	+08 28 28.5	16.2 N	B75
P/2009 T2	2009 11 07.91572	01 38 56.96	+09 57 31.0	16.4 N	939	P/2009 T2	2009 11 10.92199	01 38 47.83	+08 28 25.8	16.3 N	B75
P/2009 T2	2009 11 07.91924	01 38 56.90	+09 57 24.9	16.3 N	939	P/2009 T2	2009 11 10.92292	01 38 47.88	+08 28 24.9	16.4 N	160
P/2009 T2	2009 11 08.02185	01 38 56.28	+09 54 23.5	16.4 N	J47	P/2009 T2	2009 11 11.24883	01 38 47.45	+08 18 50.4	16.6 N	H45
P/2009 T2	2009 11 08.02628	01 38 56.21	+09 54 15.8	16.3 N	J47	P/2009 T2	2009 11 11.25142	01 38 47.43	+08 18 45.8	16.7 N	H45
P/2009 T2	2009 11 08.03612	01 38 56.17	+09 53 58.4	16.3 N	J47	P/2009 T2	2009 11 11.25394	01 38 47.42	+08 18 41.3	16.7 N	H45
P/2009 T2	2009 11 08.09219	01 38 56.35	+09 52 16.5	16.9 N	850	P/2009 T2	2009 11 11.26299	01 38 47.39	+08 18 25.4	16.6 N	H45
P/2009 T2	2009 11 08.09388	01 38 56.37	+09 52 13.2	16.5 T	H45	P/2009 T2	2009 11 11.26560	01 38 47.38	+08 18 20.6	16.1 T	H45
P/2009 T2	2009 11 08.09538	01 38 56.36	+09 52 10.2	16.5 T	H45	P/2009 T2	2009 11 11.26794	01 38 47.38	+08 18 16.6	16.1 T	H45
P/2009 T2	2009 11 08.09700	01 38 56.36	+09 52 07.4	16.6 T	H45	P/2009 T2	2009 11 11.85381	01 38 47.61	+08 01 04.6	16.7 N	160
P/2009 T2	2009 11 08.09876	01 38 56.35	+09 52 04.1	16.6 T	H45	P/2009 T2	2009 11 11.85588	01 38 47.61	+08 01 01.0	16.8 N	160
P/2009 T2	2009 11 08.10735	01 38 56.22	+09 51 49.1	16.8 N	850	P/2009 T2	2009 11 11.85780	01 38 47.67	+08 00 57.7	16.8 N	160
P/2009 T2	2009 11 08.11203	01 38 56.25	+09 51 40.6	16.5 T	H45	P/2009 T2	2009 11 11.92400	01 38 47.43	+07 59 01.2	16.3 N	B75
P/2009 T2	2009 11 08.11434	01 38 56.23	+09 51 36.4	16.6 T	H45	P/2009 T2	2009 11 11.92619	01 38 47.58	+07 58 58.9	16.6 N	B75
P/2009 T2	2009 11 09.07208	01 38 52.63	+09 23 10.1	16.8 T	691	P/2009 T2	2009 11 11.92737	01 38 47.44	+07 58 57.2	15.6 N	B75
P/2009 T2	2009 11 09.07494	01 38 52.46	+09 23 03.6	16.2 N	850	P/2009 T2	2009 11 11.99817	01 38 47.37	+07 56 51.6	16.5 N	J53
P/2009 T2	2009 11 09.09005	01 38 52.38	+09 22 36.9	15.6 N	850	P/2009 T2	2009 11 12.00148	01 38 47.38	+07 56 45.8	16.4 N	J53
P/2009 T2	2009 11 09.09313	01 38 52.52	+09 22 32.7	16.7 T	691	P/2009 T2	2009 11 12.00258	01 38 47.37	+07 56 43.9	16.5 N	J53
P/2009 T2	2009 11 09.10667	01 38 52.30	+09 22 07.0	15.2 N	850	P/2009 T2	2009 11 12.16963	01 38 47.61	+07 51 52.4	16.5 N	850
P/2009 T2	2009 11 09.11759	01 38 52.40	+09 21 49.4	16.6 T	691	P/2009 T2	2009 11 12.18475	01 38 47.56	+07 51 25.7	16.5 N	850
P/2009 T2	2009 11 09.13831	01 38 51.85	+09 21 19.9	16.6 N	I10	P/2009 T2	2009 11 12.19986	01 38 47.53	+07 50 59.4	16.5 N	850
P/2009 T2	2009 11 09.14213	01 38 51.84	+09 21 13.4	16.6 N	I10	P/2009 T2	2009 11 12.21499	01 38 47.49	+07 50 32.9	16.4 N	850
P/2009 T2	2009 11 09.14588	01 38 51.81	+09 21 07.3	16.7 N	I10	P/2009 T2	2009 11 12.23011	01 38 47.46	+07 50 06.4	16.3 N	850
P/2009 T2	2009 11 09.14970	01 38 51.79	+09 21 00.7	16.6 N	I10	P/2009 T2	2009 11 12.40486	01 38 47.90	+07 45 10.8	16.8 N	E85
P/2009 T2	2009 11 09.15352	01 38 51.76	+09 20 52.4	16.6 N	I10	P/2009 T2	2009 11 12.41203	01 38 47.88	+07 44 58.1	17.3 N	E85
P/2009 T2	2009 11 09.62291	01 38 50.45	+09 06 59.9	16.5 N	D25	P/2009 T2	2009 11 12.41560	01 38 47.87	+07 44 52.9	17.6 N	E85
P/2009 T2	2009 11 09.65006	01 38 50.25	+09 06 12.5	15.9 N	D25	P/2009 T2	2009 11 12.91982	01 38 48.60	+07 30 01.6	16.7 N	J51
P/2009 T2	2009 11 09.78699	01 38 50.43	+09 01 57.6	15.9 T	J75	P/2009 T2	2009 11 12.92985	01 38 48.59	+07 29 44.4	16.7 N	J51
P/2009 T2	2009 11 09.79964	01 38 50.41	+09 01 35.3	15.9 T	J75	P/2009 T2	2009 11 12.93988	01 38 48.59	+07 29 27.0	16.8 N	J51
P/2009 T2	2009 11 09.81231	01 38 50.34	+09 01 13.2	15.9 T	J75	P/2009 T2	2009 11 12.94311	01 38 48.41	+07 29 18.8	16.6 N	213
P/2009 T2	2009 11 09.84981	01 38 50.01	+09 00 04.7	16.2 N	204	P/2009 T2	2009 11 12.94991	01 38 48.40	+07 29 06.9	16.6 N	213
P/2009 T2	2009 11 09.85258	01 38 50.10	+09 00 00.6	16.6 N	B49	P/2009 T2	2009 11 12.95807	01 38 48.39	+07 28 52.7	16.6 N	213
P/2009 T2	2009 11 09.85584	01 38 50.06	+08 59 54.3	16.9 N	B49	P/2009 T2	2009 11 13.74806	01 38 50.64	+07 06 00.5	16.4 N	A79
P/2009 T2	2009 11 09.85870	01 38 50.03	+08 59 49.8	16.1 N	B49	P/2009 T2	2009 11 13.75145	01 38 50.58	+07 05 54.4	16.3 N	A79
P/2009 T2	2009 11 09.90103	01 38 49.97	+08 58 36.3	16.3 N	J47	P/2009 T2	2009 11 13.75512	01 38 50.61	+07 05 48.0	16.2 N	A79
P/2009 T2	2009 11 09.90308	01 38 49.96	+08 58 32.8	16.4 N	J47	P/2009 T2	2009 11 13.75992	01 38 50.58	+07 05 39.6	16.3 N	A79
P/2009 T2	2009 11 09.91113	01 38 49.89	+08 58 18.5	16.3 N	J47	P/2009 T2	2009 11 13.76599	01 38 50.62	+07 05 29.2	16.1 N	A79
P/2009 T2	2009 11 09.97843	01 38 49.46	+08 56 16.8	16.4 N	J53	P/2009 T2	2009 11 14.07140	01 38 51.52	+06 56 43.1	18.5 N	H23
P/2009 T2	2009 11 09.98173	01 38 49.43	+08 56 11.1	16.4 N	J53	P/2009 T2	2009 11 14.08618	01 38 51.55	+06 56 16.7	18.4 N	H23
P/2009 T2	2009 11 09.98284	01 38 49.43	+08 56 09.1	16.4 N	J53	P/2009 T2	2009 11 14.10096	01 38 51.52	+06 55 51.4	18.4 N	H23
P/2009 T2	2009 11 10.00241	01 38 49.32	+08 55 34.6	16.2 N	J31	P/2009 T2	2009 11 14.21223	01 38 51.73	+06 52 38.3	16.9 T	704
P/2009 T2	2009 11 10.00904	01 38 49.29	+08 55 22.4	16.4 N	J31	P/2009 T2	2009 11 14.24902	01 38 51.76	+06 51 35.6	17.2 T	704
P/2009 T2	2009 11 10.01054	01 38 49.21	+08 55 19.4		204	P/2009 T2	2009 11 14.26131	01 38 51.92	+06 51 13.8	17.2 T	704
P/2009 T2	2009 11 10.01503	01 38 49.26	+08 55 12.0	16.6 N	J31	P/2009 T2	2009 11 14.29619	01 38 51.81	+06 50 14.0		H10
P/2009 T2	2009 11 10.15410	01 38 49.03	+08 51 15.4	17.0 N	I10	P/2009 T2	2009 11 14.31079	01 38 51.81	+06 49 49.0		H10
P/2009 T2	2009 11 10.15568	01 38 49.02	+08 51 12.5	17.0 N	I10	P/2009 T2	2009 11 14.55712	01 38 53.02	+06 42 44.3		900
P/2009 T2	2009 11 10.15726	01 38 49.01	+08 51 09.8	17.0 N	I10	P/2009 T2	2009 11 14.56773	01 38 53.03	+06 42 26.0	16.5 N	900
P/2009 T2	2009 11 10.90503	01 38 48.08	+08 28 56.6	16.4 N	J53	P/2009 T2	2009 11 14.93063	01 38 54.83	+06 32 04.8	16.4 N	J51
P/2009 T2	2009 11 10.90723	01 38 48.07	+08 28 52.6	16.4 N	J53	P/2009 T2	2009 11 14.93790	01 38 54.82	+06 31 52.2	16.7 N	J51
P/2009 T2	2009 11 10.90834	01 38 48.07	+08 28 50.8	16.5 N	J53	P/2009 T2	2009 11 14.94517	01 38 54.81	+06 31 39.4	16.6 N	J51
P/2009 T2	2009 11 10.91755	01 38 47.89	+08 28 34.3	16.6 N	160	P/2009 T2	2009 11 15.63337	01 38 57.99	+06 12 02.4	15.7 T	349
P/2009 T2	2009 11 10.91919	01 38 47.83	+08 28 30.9	16.7 N	B75	P/2009 T2	2009 11 15.63760	01 38 57.99	+06 11 55.5		349
P/2009 T2	2009 11 10.92050	01 38 47.89	+08 28 29.1	16.8 N	160	P/2009 T2	2009 11 15.64177	01 38 58.00	+06 11 48.4		349

P/2009 T2	2009 11 15.95057	01 39 00.19	+06 03 04.1	16.6 N	J47
P/2009 T2	2009 11 15.95973	01 39 00.20	+06 02 48.6	16.5 N	J47
P/2009 T2	2009 11 15.96898	01 39 00.23	+06 02 32.9	16.6 N	J47
P/2009 T2	2009 11 16.16340	01 39 01.49	+05 57 02.3	16.5 N	850
P/2009 T2	2009 11 16.17498	01 39 01.52	+05 56 42.7	16.5 N	850
P/2009 T2	2009 11 16.18655	01 39 01.57	+05 56 23.0	16.4 N	850
P/2009 T2	2009 11 16.19813	01 39 01.60	+05 56 03.3	16.4 N	850
P/2009 T2	2009 11 16.82490	01 39 06.42	+05 38 25.5	16.5 N	939
P/2009 T2	2009 11 16.83051	01 39 06.44	+05 38 16.0	16.5 N	939
P/2009 T2	2009 11 16.83611	01 39 06.47	+05 38 06.4	16.4 N	939
P/2009 T2	2009 11 16.85317	01 39 06.53	+05 37 38.0	16.7 N	B49
P/2009 T2	2009 11 16.85719	01 39 06.55	+05 37 31.2	16.6 N	B49
P/2009 T2	2009 11 16.86121	01 39 06.55	+05 37 24.7	16.6 N	B49
P/2009 T2	2009 11 17.09331	01 39 08.69	+05 30 58.5	16.7 T	691
P/2009 T2	2009 11 17.11713	01 39 08.93	+05 30 18.7	16.4 T	691
P/2009 T2	2009 11 17.14096	01 39 08.94	+05 29 38.9	16.7 T	691
P/2009 T2	2009 11 17.87001	01 39 15.10	+05 09 19.7	16.4 N	J38
P/2009 T2	2009 11 17.87265	01 39 15.12	+05 09 15.4	16.5 N	J38
P/2009 T2	2009 11 17.87398	01 39 15.12	+05 09 13.2	16.4 N	J38
P/2009 T2	2009 11 18.19678	01 39 18.14	+05 00 21.4	17.0 T	704
P/2009 T2	2009 11 18.20918	01 39 18.25	+05 00 01.0	17.0 T	704
P/2009 T2	2009 11 18.22162	01 39 18.33	+04 59 41.0	17.2 T	704
P/2009 T2	2009 11 18.23399	01 39 18.40	+04 59 20.3	17.0 T	704
P/2009 T2	2009 11 18.24632	01 39 18.50	+04 58 59.8	16.9 T	704
P/2009 T2	2009 11 18.84744	01 39 24.95	+04 42 28.4	16.0 N	A77
P/2009 T2	2009 11 18.85211	01 39 24.98	+04 42 20.7	16.0 N	A77
P/2009 T2	2009 11 18.85948	01 39 25.11	+04 42 07.2	16.3 N	J38
P/2009 T2	2009 11 18.86080	01 39 25.10	+04 42 05.4	16.3 N	J38
P/2009 T2	2009 11 18.86468	01 39 24.98	+04 41 58.9	16.3 N	A71
P/2009 T2	2009 11 18.86474	01 39 25.16	+04 41 59.4	16.4 N	J38
P/2009 T2	2009 11 18.86753	01 39 25.00	+04 41 54.0	16.5 N	A71
P/2009 T2	2009 11 18.87036	01 39 25.05	+04 41 49.7	16.5 N	A71
P/2009 T2	2009 11 18.87319	01 39 25.07	+04 41 44.9	16.4 N	A71
P/2009 T2	2009 11 18.87652	01 39 25.09	+04 41 39.1	16.6 N	A71
P/2009 T2	2009 11 18.91451	01 39 25.71	+04 40 39.9	16.6 N	J51
P/2009 T2	2009 11 18.91901	01 39 25.74	+04 40 32.4	16.6 N	J51
P/2009 T2	2009 11 18.92352	01 39 25.77	+04 40 24.9	16.6 N	J51
P/2009 T2	2009 11 18.94939	01 39 25.88	+04 39 40.9	16.7 N	J01
P/2009 T2	2009 11 18.95363	01 39 25.91	+04 39 34.2	16.4 N	J01
P/2009 T2	2009 11 18.95788	01 39 25.94	+04 39 27.2	17.0 N	J01
P/2009 T2	2009 11 19.07958	01 39 27.63	+04 36 09.4	17.3 N	850
P/2009 T2	2009 11 19.08356	01 39 27.63	+04 36 03.7	16.7 N	H23
P/2009 T2	2009 11 19.09470	01 39 27.77	+04 35 44.5	17.3 N	850
P/2009 T2	2009 11 19.09944	01 39 27.76	+04 35 37.5	16.7 N	H23
P/2009 T2	2009 11 19.11532	01 39 27.90	+04 35 12.0	16.8 N	H23
P/2009 T2	2009 11 19.12253	01 39 27.88	+04 34 59.0	17.3 N	850
P/2009 T2	2009 11 19.13819	01 39 28.13	+04 34 34.2	17.2 N	850
P/2009 T2	2009 11 19.25815	01 39 29.14	+04 31 17.3	16.9 N	H45
P/2009 T2	2009 11 19.25993	01 39 29.16	+04 31 14.3	16.8 N	H45
P/2009 T2	2009 11 19.26130	01 39 29.16	+04 31 12.1	16.8 N	H45
P/2009 T2	2009 11 19.26449	01 39 29.20	+04 31 06.7	16.8 N	H45
P/2009 T2	2009 11 19.26756	01 39 29.21	+04 31 01.9	16.8 N	H45
P/2009 T2	2009 11 19.26962	01 39 29.23	+04 30 58.6	16.4 T	H45

P/2009 T2	2009 11 19.27120	01 39 29.25	+04 30 55.9	16.4 T	H45
P/2009 T2	2009 11 19.87150	01 39 36.86	+04 14 40.7	17.0 T	215
P/2009 T2	2009 11 19.87221	01 39 36.87	+04 14 39.8	16.8 T	215
P/2009 T2	2009 11 19.87291	01 39 36.90	+04 14 38.9	16.7 T	215
P/2009 T2	2009 11 19.91505	01 39 37.61	+04 13 34.7	15.8 N	J47
P/2009 T2	2009 11 19.91582	01 39 37.49	+04 13 33.2	16.0 N	J47
P/2009 T2	2009 11 19.92888	01 39 37.40	+04 13 08.6	16.6 N	160
P/2009 T2	2009 11 19.93149	01 39 37.44	+04 13 04.3	16.6 N	160
P/2009 T2	2009 11 19.93426	01 39 37.49	+04 12 59.9	16.7 N	160
P/2009 T2	2009 11 19.94819	01 39 37.85	+04 12 40.3	16.7 N	J51
P/2009 T2	2009 11 19.95666	01 39 37.94	+04 12 26.6	16.7 N	J51
P/2009 T2	2009 11 19.96513	01 39 38.02	+04 12 12.7	16.4 N	J51
P/2009 T2	2009 11 20.18861	01 39 40.63	+04 06 20.2	16.9 N	I10
P/2009 T2	2009 11 20.19872	01 39 40.74	+04 06 04.3	16.9 N	I10
P/2009 T2	2009 11 20.21056	01 39 40.84	+04 05 43.8	16.8 N	I10
P/2009 T2	2009 11 20.25087	01 39 41.67	+04 04 30.9	16.7 T	673
P/2009 T2	2009 11 20.25781	01 39 41.74	+04 04 20.2		673
P/2009 T2	2009 11 20.26476	01 39 41.81	+04 04 08.9		673
P/2009 T2	2009 11 20.27170	01 39 41.89	+04 03 57.9		673
P/2009 T2	2009 11 20.30149	01 39 42.13	+04 03 10.1	17.2 N	H10
P/2009 T2	2009 11 20.30503	01 39 42.17	+04 03 04.6	17.1 N	H10
P/2009 T2	2009 11 22.94949	01 40 24.00	+02 53 46.8	16.6 N	J47
P/2009 T2	2009 11 22.95527	01 40 24.09	+02 53 37.8	16.8 N	J47
P/2009 T2	2009 11 22.96103	01 40 24.17	+02 53 28.6	16.6 N	J47
P/2009 T2	2009 11 23.47344	01 40 33.94	+02 40 23.4		367
P/2009 T2	2009 11 23.47778	01 40 34.00	+02 40 16.8	16.4 T	367
P/2009 T2	2009 11 23.81054	01 40 40.51	+02 31 49.2	16.6 N	939
P/2009 T2	2009 11 23.81663	01 40 40.63	+02 31 40.3	16.5 N	939
P/2009 T2	2009 11 23.82273	01 40 40.74	+02 31 31.3	16.5 N	939
P/2009 T2	2009 11 23.89952	01 40 42.05	+02 29 35.3	16.8 N	J01
P/2009 T2	2009 11 23.91254	01 40 42.27	+02 29 15.6	16.8 N	J01
P/2009 T2	2009 11 23.92493	01 40 42.48	+02 28 57.0	16.7 N	J01
P/2009 T2	2009 11 23.99248	01 40 43.63	+02 27 14.0	16.7 N	J53
P/2009 T2	2009 11 23.99497	01 40 43.67	+02 27 10.6	16.6 N	J53
P/2009 T2	2009 11 23.99621	01 40 43.70	+02 27 08.8	16.7 N	J53
P/2009 T2	2009 11 24.83814	01 41 01.53	+02 06 07.8	16.6 N	939
P/2009 T2	2009 11 24.84219	01 41 01.61	+02 06 02.1	16.6 N	939
P/2009 T2	2009 11 24.84626	01 41 01.70	+02 05 56.5	16.5 N	939
P/2009 T2	2009 11 24.93133	01 41 03.37	+02 03 50.7	17.1 N	J51
P/2009 T2	2009 11 24.93625	01 41 03.47	+02 03 43.7	16.9 N	J51
P/2009 T2	2009 11 24.94118	01 41 03.54	+02 03 36.5	16.8 N	J51
P/2009 T2	2009 11 25.28487	01 41 10.79	+01 55 07.1	16.6 N	H45
P/2009 T2	2009 11 25.28628	01 41 10.80	+01 55 04.7	16.5 N	H45
P/2009 T2	2009 11 25.28782	01 41 10.86	+01 55 02.5	16.6 N	H45
P/2009 T2	2009 11 25.29622	01 41 11.01	+01 54 50.1	16.5 N	H45
P/2009 T2	2009 11 25.29792	01 41 11.06	+01 54 47.6	16.6 N	H45
P/2009 T2	2009 11 25.30400	01 41 11.17	+01 54 38.7	16.4 N	H45
P/2009 T2	2009 11 26.13968	01 41 30.67	+01 34 27.1	16.4 N	I10
P/2009 T2	2009 11 26.14212	01 41 30.71	+01 34 23.1	16.5 N	I10
P/2009 T2	2009 11 26.14380	01 41 30.75	+01 34 20.8	16.5 N	I10
P/2009 T2	2009 11 26.14547	01 41 30.77	+01 34 18.0	16.7 N	I10
P/2009 T2	2009 11 26.14738	01 41 30.83	+01 34 16.0	16.6 N	I10
P/2009 T2	2009 11 26.14929	01 41 30.88	+01 34 13.1	16.5 N	I10

P/2009 T2	2009 11 26.24547	01 41 33.13	+01 31 44.1	16.7 T	H45
P/2009 T2	2009 11 26.24711	01 41 33.17	+01 31 42.0	16.7 T	H45
P/2009 T2	2009 11 26.24874	01 41 33.21	+01 31 39.8	16.7 T	H45
P/2009 T2	2009 11 26.25047	01 41 33.26	+01 31 37.1	16.8 T	H45
P/2009 T2	2009 11 26.25193	01 41 33.27	+01 31 34.9	16.7 T	H45
P/2009 T2	2009 11 26.25348	01 41 33.31	+01 31 32.8	16.7 T	H45
P/2009 T2	2009 11 26.25696	01 41 33.40	+01 31 27.8	16.8 T	H45
P/2009 T2	2009 11 26.86841	01 41 48.94	+01 16 50.2	16.7 N	J47
P/2009 T2	2009 11 26.88323	01 41 49.31	+01 16 29.5	16.6 N	J47
P/2009 T2	2009 11 26.88997	01 41 49.40	+01 16 19.4	16.7 N	J47
P/2009 T2	2009 11 26.89808	01 41 49.62	+01 16 08.4	16.5 N	J47
P/2009 T2	2009 11 27.54258	01 42 06.08	+01 00 54.3	16.7 T	900
P/2009 T2	2009 11 27.54971	01 42 06.25	+01 00 44.0		900

C/2009 T3 (LINEAR)

C/2009 T3	2009 10 21.67042	05 03 41.35	+23 25 35.2	17.6 N	400
C/2009 T3	2009 10 21.67719	05 03 39.92	+23 25 39.7	17.6 N	400
C/2009 T3	2009 10 21.68395	05 03 38.53	+23 25 44.5	17.6 N	400
C/2009 T3	2009 10 26.88522	04 44 11.39	+24 24 51.2	17.8 N	585
C/2009 T3	2009 10 26.89111	04 44 09.95	+24 24 56.1	17.9 N	585
C/2009 T3	2009 10 26.89405	04 44 09.23	+24 24 57.6	17.7 N	585
C/2009 T3	2009 10 26.89708	04 44 08.43	+24 25 00.6	17.9 N	585
C/2009 T3	2009 10 26.89980	04 44 07.80	+24 25 02.7	18.0 N	585
C/2009 T3	2009 10 26.90126	04 44 07.45	+24 25 02.7	17.8 N	585
C/2009 T3	2009 10 26.90420	04 44 06.78	+24 25 05.8	17.9 N	585
C/2009 T3	2009 10 28.69901	04 36 34.79	+24 44 21.8	18.1 N	372
C/2009 T3	2009 10 30.26016	04 29 41.63	+25 00 17.0	18.8 T	704
C/2009 T3	2009 10 30.28683	04 29 34.30	+25 00 32.4	18.8 T	704
C/2009 T3	2009 10 30.30009	04 29 30.70	+25 00 40.7	19.0 T	704
C/2009 T3	2009 10 30.31335	04 29 26.99	+25 00 48.2	18.9 T	704
C/2009 T3	2009 10 30.65440	04 27 54.00	+25 04 07.8		900
C/2009 T3	2009 10 30.66499	04 27 51.09	+25 04 13.9	17.6 T	900
C/2009 T3	2009 10 30.97289	04 26 26.46	+25 07 11.3	17.3 N	213
C/2009 T3	2009 10 30.97434	04 26 26.05	+25 07 12.1	17.6 N	213
C/2009 T3	2009 10 30.97725	04 26 25.26	+25 07 13.8	18.0 N	213
C/2009 T3	2009 10 31.31238	04 24 52.08	+25 10 28.7	17.5 T	H45
C/2009 T3	2009 10 31.31438	04 24 51.53	+25 10 29.2	17.6 T	H45
C/2009 T3	2009 10 31.31534	04 24 51.26	+25 10 29.9	17.5 T	H45
C/2009 T3	2009 10 31.31718	04 24 50.73	+25 10 33.6	17.5 T	H45
C/2009 T3	2009 10 31.31874	04 24 50.35	+25 10 33.9	17.6 T	H45
C/2009 T3	2009 10 31.32141	04 24 49.67	+25 10 34.8	17.4 T	H45
C/2009 T3	2009 10 31.32234	04 24 49.32	+25 10 35.0	17.6 T	H45
C/2009 T3	2009 10 31.32440	04 24 48.89	+25 10 35.1	17.6 T	H45
C/2009 T3	2009 11 01.99340	04 16 52.74	+25 25 43.2	18.1 N	J40
C/2009 T3	2009 11 02.00102	04 16 50.53	+25 25 47.8	18.6 N	J40
C/2009 T3	2009 11 02.03311	04 16 41.23	+25 26 03.2	18.5 N	J40
C/2009 T3	2009 11 02.24748	04 15 38.69	+25 27 54.7	18.2 N	H45
C/2009 T3	2009 11 02.24892	04 15 38.29	+25 27 54.9	18.1 N	H45
C/2009 T3	2009 11 02.24988	04 15 38.07	+25 27 55.6	18.2 N	H45
C/2009 T3	2009 11 02.25104	04 15 37.63	+25 27 56.8	18.2 N	H45
C/2009 T3	2009 11 02.25600	04 15 36.22	+25 27 59.4	18.1 N	H45
C/2009 T3	2009 11 02.25682	04 15 35.97	+25 27 59.8	18.2 N	H45
C/2009 T3	2009 11 02.25836	04 15 35.55	+25 27 59.9	18.3 N	H45

C/2009 T3	2009 11 02.25961	04 15 35.06	+25 28 00.1	18.3 N	H45
C/2009 T3	2009 11 06.44541	03 54 08.14	+25 58 11.8		H06
C/2009 T3	2009 11 06.44786	03 54 07.39	+25 58 13.1	17.0 T	H06
C/2009 T3	2009 11 07.49941	03 48 27.10	+26 03 52.6	17.6 N	H10
C/2009 T3	2009 11 07.83014	03 46 39.27	+26 05 26.6	17.2 N	B18
C/2009 T3	2009 11 07.83294	03 46 38.38	+26 05 27.4	16.9 N	B18
C/2009 T3	2009 11 07.83574	03 46 37.46	+26 05 28.6	16.9 N	B18
C/2009 T3	2009 11 08.36415	03 43 42.98	+26 07 50.1	17.5 N	850
C/2009 T3	2009 11 08.39031	03 43 34.33	+26 07 56.8	17.6 N	850
C/2009 T3	2009 11 09.09498	03 39 39.92	+26 10 40.5	17.2 N	B18
C/2009 T3	2009 11 09.09637	03 39 39.43	+26 10 41.5	17.4 N	B18
C/2009 T3	2009 11 09.09775	03 39 38.99	+26 10 41.4	17.4 N	B18
C/2009 T3	2009 11 09.09916	03 39 38.47	+26 10 41.5	17.4 N	B18
C/2009 T3	2009 11 09.10054	03 39 38.02	+26 10 41.8	17.4 N	B18
C/2009 T3	2009 11 09.34237	03 38 17.44	+26 11 34.8	16.9 T	G96
C/2009 T3	2009 11 09.34890	03 38 15.21	+26 11 35.9	17.0 T	G96
C/2009 T3	2009 11 09.35542	03 38 13.02	+26 11 37.5	16.9 T	G96
C/2009 T3	2009 11 09.36186	03 38 10.86	+26 11 38.6	17.0 T	G96
C/2009 T3	2009 11 09.65421	03 36 32.60	+26 12 41.0		D25
C/2009 T3	2009 11 10.26547	03 33 05.98	+26 14 25.1	18.1 N	I10
C/2009 T3	2009 11 10.26699	03 33 05.52	+26 14 25.6	18.3 N	I10
C/2009 T3	2009 11 10.26854	03 33 04.97	+26 14 25.7	18.1 N	I10
C/2009 T3	2009 11 10.97779	03 29 03.92	+26 15 53.3	17.4 N	B75
C/2009 T3	2009 11 10.98390	03 29 01.68	+26 15 54.6	17.3 N	B75
C/2009 T3	2009 11 11.25841	03 27 27.98	+26 16 25.8	18.1 T	704
C/2009 T3	2009 11 11.27074	03 27 23.74	+26 16 27.0	17.9 T	704
C/2009 T3	2009 11 11.28313	03 27 19.45	+26 16 28.0	18.2 T	704
C/2009 T3	2009 11 11.29546	03 27 15.25	+26 16 29.5	18.4 T	704
C/2009 T3	2009 11 11.30781	03 27 10.94	+26 16 29.9	18.3 T	704
C/2009 T3	2009 11 11.36198	03 26 52.12	+26 16 34.7	17.7 N	H45
C/2009 T3	2009 11 11.36323	03 26 51.67	+26 16 34.8	17.7 N	H45
C/2009 T3	2009 11 11.36487	03 26 51.15	+26 16 34.8	17.6 N	H45
C/2009 T3	2009 11 11.36841	03 26 49.93	+26 16 35.0	17.5 N	H45
C/2009 T3	2009 11 11.36942	03 26 49.58	+26 16 35.0	17.1 T	H45
C/2009 T3	2009 11 11.37197	03 26 48.70	+26 16 35.2	17.1 T	H45
C/2009 T3	2009 11 11.88697	03 23 52.28	+26 17 15.1	17.7 N	J28
C/2009 T3	2009 11 11.88924	03 23 51.48	+26 17 15.4	17.7 N	J28
C/2009 T3	2009 11 11.89152	03 23 50.70	+26 17 15.5	17.7 N	J28
C/2009 T3	2009 11 11.96733	03 23 24.35	+26 17 19.6	17.6 N	130
C/2009 T3	2009 11 11.96934	03 23 23.64	+26 17 19.5	17.3 N	130
C/2009 T3	2009 11 11.97235	03 23 22.58	+26 17 19.7	17.4 N	130
C/2009 T3	2009 11 11.97436	03 23 21.90	+26 17 19.6	17.6 N	130
C/2009 T3	2009 11 12.00440	03 23 11.50	+26 17 21.8	17.2 N	160
C/2009 T3	2009 11 12.00670	03 23 10.70	+26 17 21.9	17.3 N	160
C/2009 T3	2009 11 12.00838	03 23 10.12	+26 17 22.0	17.5 N	160
C/2009 T3	2009 11 12.24819	03 21 47.63	+26 17 35.2	18.0 T	704
C/2009 T3	2009 11 12.26050	03 21 43.31	+26 17 36.0	18.2 T	704
C/2009 T3	2009 11 12.27272	03 21 38.99	+26 17 35.7	18.4 T	704
C/2009 T3	2009 11 12.28493	03 21 34.86	+26 17 36.1	18.3 T	704
C/2009 T3	2009 11 12.29713	03 21 30.61	+26 17 37.3	18.2 T	704
C/2009 T3	2009 11 12.96602	03 17 39.13	+26 17 49.7	17.2 N	213
C/2009 T3	2009 11 12.96757	03 17 38.59	+26 17 49.8	17.2 N	213
C/2009 T3	2009 11 12.96911	03 17 38.06	+26 17 49.9	17.2 N	213

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C/2009 T3	2009 11 14.26881	03 10 05.88	+26 17 01.7	17.8 T	704
C/2009 T3	2009 11 14.28114	03 10 01.56	+26 17 00.8	18.0 T	704
C/2009 T3	2009 11 14.29334	03 09 57.29	+26 16 59.7	18.0 T	704
C/2009 T3	2009 11 14.30557	03 09 52.94	+26 16 58.8	18.2 T	704
C/2009 T3	2009 11 14.31781	03 09 48.61	+26 16 57.7	18.7 T	704
C/2009 T3	2009 11 14.64719	03 07 53.62	+26 16 28.5		900
C/2009 T3	2009 11 14.65076	03 07 52.35	+26 16 28.1	17.2 T	900
C/2009 T3	2009 11 14.69117	03 07 38.17	+26 16 24.1	17.1 T	355
C/2009 T3	2009 11 14.69223	03 07 37.82	+26 16 23.4	17.0 T	355
C/2009 T3	2009 11 14.69330	03 07 37.46	+26 16 23.6	17.0 T	355
C/2009 T3	2009 11 14.69634	03 07 36.34	+26 16 23.5	16.8 T	349
C/2009 T3	2009 11 14.69885	03 07 35.47	+26 16 23.0		349
C/2009 T3	2009 11 14.70134	03 07 34.61	+26 16 22.5		349
C/2009 T3	2009 11 14.96795	03 06 01.70	+26 15 52.5	18.0 N	J16
C/2009 T3	2009 11 14.97129	03 06 00.53	+26 15 51.1	18.2 N	J16
C/2009 T3	2009 11 15.01728	03 05 44.32	+26 15 47.0	17.7 N	213
C/2009 T3	2009 11 15.02423	03 05 41.88	+26 15 46.5	17.8 N	213
C/2009 T3	2009 11 16.25095	02 58 33.14	+26 12 36.0	18.1 T	704
C/2009 T3	2009 11 16.26320	02 58 28.85	+26 12 33.5	18.4 T	704
C/2009 T3	2009 11 16.27548	02 58 24.53	+26 12 31.3	18.4 T	704
C/2009 T3	2009 11 16.28777	02 58 20.22	+26 12 29.1	18.4 T	704
C/2009 T3	2009 11 16.30005	02 58 15.88	+26 12 26.6	18.4 T	704
C/2009 T3	2009 11 17.95413	02 48 38.67	+26 05 43.8	17.2 N	213
C/2009 T3	2009 11 17.95881	02 48 37.03	+26 05 42.5	17.2 N	213
C/2009 T3	2009 11 17.96318	02 48 35.50	+26 05 41.3	17.2 N	213
C/2009 T3	2009 11 17.99491	02 48 24.45	+26 05 34.3	16.9 N	J47
C/2009 T3	2009 11 18.00222	02 48 21.90	+26 05 31.9	16.9 N	J47
C/2009 T3	2009 11 18.01041	02 48 19.04	+26 05 29.2	17.1 N	J47
C/2009 T3	2009 11 18.88571	02 43 15.25	+26 00 49.4	17.1 N	A71
C/2009 T3	2009 11 18.89096	02 43 13.41	+26 00 47.3	16.9 N	A71
C/2009 T3	2009 11 18.89583	02 43 11.72	+26 00 45.4	17.1 N	A71
C/2009 T3	2009 11 19.15512	02 41 42.07	+25 59 16.6	16.7 N	850
C/2009 T3	2009 11 19.16695	02 41 37.95	+25 59 12.5	17.4 N	850
C/2009 T3	2009 11 19.26047	02 41 05.67	+25 58 38.3	16.8 T	703
C/2009 T3	2009 11 19.26897	02 41 02.79	+25 58 35.1	16.8 T	703
C/2009 T3	2009 11 19.27322	02 41 01.03	+25 58 33.2	17.7 N	H45
C/2009 T3	2009 11 19.27456	02 41 00.48	+25 58 33.1	17.6 N	H45
C/2009 T3	2009 11 19.27631	02 40 59.88	+25 58 32.2	17.8 N	H45
C/2009 T3	2009 11 19.27738	02 40 59.80	+25 58 32.4	16.8 T	703
C/2009 T3	2009 11 19.27804	02 40 59.27	+25 58 31.6	17.6 N	H45
C/2009 T3	2009 11 19.27939	02 40 58.82	+25 58 31.1	17.7 N	H45
C/2009 T3	2009 11 19.28075	02 40 58.35	+25 58 30.7	17.8 N	H45
C/2009 T3	2009 11 19.28259	02 40 57.71	+25 58 30.0	17.7 N	H45
C/2009 T3	2009 11 19.28568	02 40 56.89	+25 58 28.8	16.7 T	703
C/2009 T3	2009 11 19.52851	02 39 33.15	+25 56 59.2		900
C/2009 T3	2009 11 19.53524	02 39 30.82	+25 56 56.8	17.1 T	900
C/2009 T3	2009 11 19.95544	02 37 05.91	+25 54 12.2	17.4 N	160
C/2009 T3	2009 11 19.95758	02 37 05.25	+25 54 11.7	17.9 N	160
C/2009 T3	2009 11 19.95799	02 37 05.07	+25 54 11.6	17.4 N	160
C/2009 T3	2009 11 19.95973	02 37 04.48	+25 54 09.9	17.3 N	160
C/2009 T3	2009 11 19.97269	02 37 00.16	+25 54 05.5	17.4 N	J27
C/2009 T3	2009 11 19.99010	02 36 54.10	+25 53 59.0	17.4 N	J27
C/2009 T3	2009 11 19.99932	02 36 50.95	+25 53 55.5	17.1 N	J27

C/2009 T3	2009 11 21.69239	02 27 13.81	+25 41 20.5	17.0 T	900
C/2009 T3	2009 11 21.69952	02 27 11.41	+25 41 17.2		900
C/2009 T3	2009 11 21.94838	02 25 47.84	+25 39 16.1	18.2 N	J47
C/2009 T3	2009 11 21.95995	02 25 43.92	+25 39 10.0	18.2 N	J47
C/2009 T3	2009 11 21.97166	02 25 39.93	+25 39 04.2	17.7 N	J47
C/2009 T3	2009 11 22.19586	02 24 24.89	+25 37 10.2	17.9 T	704
C/2009 T3	2009 11 22.20818	02 24 20.55	+25 37 04.0	18.7 T	704
C/2009 T3	2009 11 22.22076	02 24 16.32	+25 36 57.5	18.5 T	704
C/2009 T3	2009 11 22.23318	02 24 12.08	+25 36 51.7	18.6 T	704
C/2009 T3	2009 11 22.24555	02 24 07.92	+25 36 45.4	18.5 T	704
C/2009 T3	2009 11 23.48655	02 17 15.36	+25 25 31.0		367
C/2009 T3	2009 11 23.49233	02 17 13.42	+25 25 27.8	17.2 T	367
C/2009 T3	2009 11 24.00226	02 14 25.57	+25 20 30.7	17.1 N	J53
C/2009 T3	2009 11 24.00276	02 14 25.42	+25 20 30.7	17.3 N	J53
C/2009 T3	2009 11 24.00631	02 14 24.24	+25 20 28.5	17.1 N	J53
C/2009 T3	2009 11 24.89257	02 09 36.86	+25 11 29.4	17.5 N	J47
C/2009 T3	2009 11 24.91042	02 09 31.05	+25 11 18.0	17.4 N	J47
C/2009 T3	2009 11 24.92685	02 09 25.75	+25 11 08.4	17.2 N	J47
C/2009 T3	2009 11 24.94465	02 09 19.99	+25 10 56.8	17.4 N	J47
C/2009 T3	2009 11 24.96247	02 09 14.24	+25 10 45.2	17.3 N	J47
C/2009 T3	2009 11 25.15421	02 08 12.80	+25 08 43.1	17.1 T	703
C/2009 T3	2009 11 25.16222	02 08 10.39	+25 08 38.2	17.2 T	703
C/2009 T3	2009 11 25.17873	02 08 05.10	+25 08 27.5	16.7 T	703
C/2009 T3	2009 11 25.30591	02 07 23.70	+25 07 05.5	17.4 N	H45
C/2009 T3	2009 11 25.30759	02 07 23.15	+25 07 04.1	17.4 N	H45
C/2009 T3	2009 11 25.30906	02 07 22.72	+25 07 02.7	17.3 N	H45
C/2009 T3	2009 11 25.31008	02 07 22.40	+25 07 02.5	17.3 N	H45
C/2009 T3	2009 11 25.31131	02 07 21.97	+25 07 01.5	17.4 N	H45
C/2009 T3	2009 11 25.31258	02 07 21.56	+25 07 00.8	17.5 N	H45
C/2009 T3	2009 11 25.39061	02 06 56.60	+25 06 10.4	16.2 N	H10
C/2009 T3	2009 11 25.39346	02 06 55.64	+25 06 09.0	16.1 N	H10
C/2009 T3	2009 11 26.11669	02 03 06.74	+24 58 13.2	17.2 N	850
C/2009 T3	2009 11 26.14392	02 02 58.06	+24 57 54.7	16.9 N	850
C/2009 T3	2009 11 26.14626	02 02 57.51	+24 57 53.4	17.2 T	G96
C/2009 T3	2009 11 26.14990	02 02 56.36	+24 57 50.9	17.2 T	G96
C/2009 T3	2009 11 26.15351	02 02 55.21	+24 57 48.4	17.2 T	G96
C/2009 T3	2009 11 26.15837	02 02 53.70	+24 57 45.2	17.4 T	G96
C/2009 T3	2009 11 26.16007	02 02 52.75	+24 57 48.6	17.4 N	I10
C/2009 T3	2009 11 26.16292	02 02 51.83	+24 57 47.9	17.5 N	I10
C/2009 T3	2009 11 26.16395	02 02 51.93	+24 57 41.5	17.2 T	G96
C/2009 T3	2009 11 26.16459	02 02 51.33	+24 57 46.0	17.4 N	I10
C/2009 T3	2009 11 26.16954	02 02 49.74	+24 57 43.2	17.4 N	I10
C/2009 T3	2009 11 26.17123	02 02 49.22	+24 57 42.4	17.7 N	I10
C/2009 T3	2009 11 26.17407	02 02 48.28	+24 57 40.0	17.3 N	I10
C/2009 T3	2009 11 26.20932	02 02 37.31	+24 57 10.1	17.5 N	850
C/2009 T3	2009 11 26.22858	02 02 31.25	+24 56 57.3	17.8 N	H45
C/2009 T3	2009 11 26.23106	02 02 30.43	+24 56 55.4	17.7 N	H45
C/2009 T3	2009 11 26.23270	02 02 29.92	+24 56 54.2	17.7 N	H45
C/2009 T3	2009 11 26.23379	02 02 29.57	+24 56 54.1	17.8 N	H45
C/2009 T3	2009 11 26.23518	02 02 29.15	+24 56 52.8	17.7 N	H45
C/2009 T3	2009 11 26.24186	02 02 27.04	+24 56 48.2	16.8 T	H45
C/2009 T3	2009 11 26.24317	02 02 26.61	+24 56 47.5	16.8 T	H45
C/2009 T3	2009 11 26.24443	02 02 26.21	+24 56 46.6	16.9 T	H45

C/2009 T3	2009 11 27.55866	01 55 38.75	+24 41 31.4		900
C/2009 T3	2009 11 27.56580	01 55 36.56	+24 41 26.6	17.6 T	900

C/2009 U3 (Hill)

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 25.88750	03 44 26.31	+16 00 38.3	18.7 N	473
C/2009 U3	2009 10 25.98563	03 44 18.16	+16 02 13.4		204
C/2009 U3	2009 10 26.05895	03 44 11.99	+16 03 24.4	18.6 N	204
C/2009 U3	2009 10 26.83873	03 43 06.90	+16 16 02.6	17.8 N	585
C/2009 U3	2009 10 26.84020	03 43 06.70	+16 16 02.5	17.9 N	585
C/2009 U3	2009 10 26.84315	03 43 06.54	+16 16 06.1	17.6 N	585
C/2009 U3	2009 10 27.00347	03 42 52.73	+16 18 44.1	18.5 N	473
C/2009 U3	2009 10 27.00486	03 42 52.61	+16 18 45.6	18.5 N	473
C/2009 U3	2009 10 27.04635	03 42 49.03	+16 19 27.3	18.6 N	160
C/2009 U3	2009 10 27.04771	03 42 48.90	+16 19 29.1	19.4 N	160
C/2009 U3	2009 10 27.04880	03 42 48.81	+16 19 30.8	19.5 N	160
C/2009 U3	2009 10 28.69063	03 40 24.11	+16 46 47.1	17.6 N	372
C/2009 U3	2009 10 28.69429	03 40 23.74	+16 46 52.9	17.1 N	372
C/2009 U3	2009 10 29.88263	03 38 33.91	+17 07 04.0	18.5 N	473
C/2009 U3	2009 10 30.94290	03 36 51.93	+17 25 28.0	18.3 N	213
C/2009 U3	2009 10 30.94458	03 36 51.77	+17 25 29.6	18.3 N	213
C/2009 U3	2009 10 31.94444	03 35 12.25	+17 43 06.0	18.0 N	473
C/2009 U3	2009 10 31.94583	03 35 12.09	+17 43 07.4	18.0 N	473
C/2009 U3	2009 11 03.93263	03 29 56.11	+18 37 20.4	17.6 N	473
C/2009 U3	2009 11 03.93541	03 29 55.81	+18 37 23.3	17.7 N	473
C/2009 U3	2009 11 04.93958	03 28 03.18	+18 56 07.7	17.8 N	473
C/2009 U3	2009 11 04.94097	03 28 03.04	+18 56 08.8	17.9 N	473
C/2009 U3	2009 11 05.34612	03 27 16.47	+19 03 47.3	18.0 N	H36
C/2009 U3	2009 11 05.34920	03 27 16.11	+19 03 50.8	17.9 N	H36
C/2009 U3	2009 11 05.35999	03 27 14.89	+19 04 02.4	18.2 N	H36
C/2009 U3	2009 11 05.66288	03 26 39.95	+19 09 47.8	17.5 T	349
C/2009 U3	2009 11 05.66740	03 26 39.45	+19 09 52.6		349
C/2009 U3	2009 11 05.93397	03 26 08.58	+19 14 56.0	17.7 N	B74
C/2009 U3	2009 11 05.94734	03 26 06.97	+19 15 10.7	17.3 N	B74
C/2009 U3	2009 11 05.96142	03 26 05.32	+19 15 27.5	18.0 N	B74
C/2009 U3	2009 11 06.82127	03 24 23.84	+19 31 52.0	17.7 N	A77
C/2009 U3	2009 11 06.82751	03 24 23.19	+19 31 59.3	17.4 N	A77
C/2009 U3	2009 11 06.83376	03 24 22.35	+19 32 06.9	17.9 N	A77
C/2009 U3	2009 11 06.95965	03 24 06.88	+19 34 32.7	18.0 N	B18
C/2009 U3	2009 11 06.96104	03 24 06.73	+19 34 34.2	18.0 N	B18
C/2009 U3	2009 11 06.96243	03 24 06.56	+19 34 35.3	18.1 N	B18
C/2009 U3	2009 11 06.96383	03 24 06.38	+19 34 37.6	18.1 N	B18
C/2009 U3	2009 11 06.96522	03 24 06.19	+19 34 39.2	18.0 N	B18
C/2009 U3	2009 11 07.82090	03 22 22.75	+19 51 12.0	17.7 N	B18
C/2009 U3	2009 11 07.82229	03 22 22.52	+19 51 13.8	17.5 N	B18
C/2009 U3	2009 11 07.82368	03 22 22.31	+19 51 16.7	17.6 N	B18
C/2009 U3	2009 11 07.82508	03 22 22.14	+19 51 16.8	17.4 N	B18
C/2009 U3	2009 11 07.82647	03 22 21.99	+19 51 19.0	17.5 N	B18
C/2009 U3	2009 11 08.26642	03 21 27.64	+19 59 53.4	17.3 T	703
C/2009 U3	2009 11 08.27358	03 21 26.56	+20 00 01.7	17.2 T	703
C/2009 U3	2009 11 08.28089	03 21 25.74	+20 00 10.1	17.0 T	703

C/2009 U3	2009 11 08.41263	03 21 09.05	+20 02 42.0	18.0 N	850
C/2009 U3	2009 11 08.45741	03 21 03.45	+20 03 35.7	18.0 N	850
C/2009 U3	2009 11 09.85539	03 18 06.88	+20 31 11.3	18.1 N	J40
C/2009 U3	2009 11 09.85604	03 18 06.81	+20 31 11.8	18.0 N	J40
C/2009 U3	2009 11 09.85800	03 18 06.77	+20 31 12.5	18.1 N	J40
C/2009 U3	2009 11 11.62118	03 14 14.62	+21 06 28.2	17.4 N	372
C/2009 U3	2009 11 11.62618	03 14 13.90	+21 06 36.4	17.0 N	372
C/2009 U3	2009 11 11.85854	03 13 42.84	+21 11 09.7	18.3 N	J10
C/2009 U3	2009 11 11.86406	03 13 42.22	+21 11 22.8	18.5 N	J10
C/2009 U3	2009 11 11.86997	03 13 41.40	+21 11 29.1	17.9 N	J10
C/2009 U3	2009 11 11.91982	03 13 34.69	+21 12 29.8	18.6 N	J28
C/2009 U3	2009 11 11.92451	03 13 34.06	+21 12 35.7	18.2 N	J28
C/2009 U3	2009 11 11.93170	03 13 33.10	+21 12 44.3	18.2 N	J28
C/2009 U3	2009 11 11.99589	03 13 24.16	+21 14 01.4	18.0 N	160
C/2009 U3	2009 11 11.99785	03 13 23.91	+21 14 03.6	18.1 N	160
C/2009 U3	2009 11 11.99997	03 13 23.64	+21 14 06.0	18.1 N	160
C/2009 U3	2009 11 14.30082	03 08 05.70	+22 01 05.3		H10
C/2009 U3	2009 11 14.31576	03 08 03.65	+22 01 18.8		H10
C/2009 U3	2009 11 14.62732	03 07 19.55	+22 07 40.9	17.5 T	900
C/2009 U3	2009 11 14.63792	03 07 18.03	+22 07 53.9		900
C/2009 U3	2009 11 14.67715	03 07 12.30	+22 08 42.2	17.1 T	355
C/2009 U3	2009 11 14.68355	03 07 11.39	+22 08 49.5	17.0 T	355
C/2009 U3	2009 11 14.68569	03 07 11.06	+22 08 52.2	17.0 T	355
C/2009 U3	2009 11 14.91756	03 06 38.48	+22 13 37.7	16.3 T	J75
C/2009 U3	2009 11 14.93025	03 06 36.63	+22 13 52.9	16.3 T	J75
C/2009 U3	2009 11 14.94294	03 06 34.75	+22 14 09.1	16.5 T	J75
C/2009 U3	2009 11 15.30060	03 05 43.33	+22 21 32.0	17.0 T	703
C/2009 U3	2009 11 15.30957	03 05 41.96	+22 21 43.3	16.9 T	703
C/2009 U3	2009 11 15.31848	03 05 40.63	+22 21 54.0	16.8 T	703
C/2009 U3	2009 11 15.32749	03 05 39.33	+22 22 03.3	16.7 T	703
C/2009 U3	2009 11 15.68846	03 04 47.16	+22 29 34.1	17.2 T	349
C/2009 U3	2009 11 15.69222	03 04 46.65	+22 29 38.6		349
C/2009 U3	2009 11 15.69600	03 04 46.12	+22 29 42.6		349
C/2009 U3	2009 11 16.41666	03 03 01.08	+22 44 36.7		H06
C/2009 U3	2009 11 16.41954	03 03 00.68	+22 44 40.1		H06
C/2009 U3	2009 11 16.42242	03 03 00.28	+22 44 43.5	17.4 T	H06
C/2009 U3	2009 11 16.87241	03 01 54.69	+22 54 03.5	17.7 N	213
C/2009 U3	2009 11 16.88079	03 01 53.46	+22 54 14.8	17.7 N	213
C/2009 U3	2009 11 16.88598	03 01 52.65	+22 54 22.0	17.7 N	213
C/2009 U3	2009 11 17.25558	03 00 57.82	+23 02 03.2	18.4 T	704
C/2009 U3	2009 11 17.26795	03 00 55.94	+23 02 20.8	19.2 T	704
C/2009 U3	2009 11 17.28038	03 00 54.12	+23 02 33.7	18.6 T	704
C/2009 U3	2009 11 17.29273	03 00 52.21	+23 02 49.7	18.5 T	704
C/2009 U3	2009 11 17.30510	03 00 50.33	+23 03 04.4	18.5 T	704
C/2009 U3	2009 11 17.40912	03 00 34.78	+23 05 13.3	17.9 N	H10
C/2009 U3	2009 11 17.41267	03 00 34.03	+23 05 18.9	17.5 N	H10
C/2009 U3	2009 11 17.41621	03 00 33.62	+23 05 22.2	17.2 N	H10
C/2009 U3	2009 11 18.08798	02 58 53.97	+23 19 21.3	18.1 T	691
C/2009 U3	2009 11 18.10568	02 58 51.26	+23 19 43.2	17.7 T	691
C/2009 U3	2009 11 18.12338	02 58 48.58	+23 20 06.5	18.0 T	691
C/2009 U3	2009 11 18.90646	02 56 49.89	+23 36 25.5	17.5 N	A71
C/2009 U3	2009 11 19.31811	02 55 47.03	+23 45 03.5	17.9 N	H45
C/2009 U3	2009 11 19.31983	02 55 46.77	+23 45 05.8	17.8 N	H45

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C/2009 U3	2009 11 19.32175	02 55 46.44	+23 45 08.3	17.8 N	H45
C/2009 U3	2009 11 19.32351	02 55 46.17	+23 45 09.9	17.7 N	H45
C/2009 U3	2009 11 19.32509	02 55 45.96	+23 45 11.7	18.0 N	H45
C/2009 U3	2009 11 19.32639	02 55 45.74	+23 45 13.7	18.0 N	H45
C/2009 U3	2009 11 19.32787	02 55 45.52	+23 45 15.0	18.0 N	H45
C/2009 U3	2009 11 19.88981	02 54 19.76	+23 56 59.4	18.1 T	215
C/2009 U3	2009 11 19.89052	02 54 19.66	+23 57 00.5	18.2 T	215
C/2009 U3	2009 11 19.89122	02 54 19.56	+23 57 01.5	18.0 T	215
C/2009 U3	2009 11 19.97166	02 54 06.99	+23 58 42.3	17.7 N	160
C/2009 U3	2009 11 19.97368	02 54 06.66	+23 58 45.0	18.1 N	160
C/2009 U3	2009 11 19.97569	02 54 06.33	+23 58 47.8	18.0 N	160
C/2009 U3	2009 11 21.70871	02 49 36.66	+24 35 02.8	17.3 T	900
C/2009 U3	2009 11 21.71584	02 49 35.52	+24 35 11.4		900
C/2009 U3	2009 11 22.03373	02 48 45.82	+24 41 52.9	17.5 N	J51
C/2009 U3	2009 11 22.03888	02 48 44.98	+24 41 59.0	17.7 N	J51
C/2009 U3	2009 11 22.04301	02 48 44.33	+24 42 04.0	17.5 N	J51
C/2009 U3	2009 11 22.24790	02 48 12.15	+24 46 20.3	18.4 T	704
C/2009 U3	2009 11 22.26038	02 48 10.13	+24 46 37.5	19.1 T	704
C/2009 U3	2009 11 22.27279	02 48 08.10	+24 46 51.8	18.7 T	704
C/2009 U3	2009 11 22.28522	02 48 06.16	+24 47 07.1	18.5 T	704
C/2009 U3	2009 11 22.29765	02 48 04.17	+24 47 24.3	18.8 T	704
C/2009 U3	2009 11 22.96145	02 46 19.17	+25 01 14.4	18.1 N	J01
C/2009 U3	2009 11 22.96595	02 46 18.46	+25 01 20.2	17.5 N	J01
C/2009 U3	2009 11 22.97014	02 46 17.79	+25 01 25.4	17.7 N	J01
C/2009 U3	2009 11 24.01334	02 43 31.21	+25 23 12.7	17.7 N	J53
C/2009 U3	2009 11 24.01415	02 43 31.06	+25 23 13.4	17.5 N	J53
C/2009 U3	2009 11 24.01578	02 43 30.78	+25 23 15.1	17.4 N	J53
C/2009 U3	2009 11 25.26337	02 40 10.04	+25 49 13.0	18.0 N	H45
C/2009 U3	2009 11 25.26594	02 40 09.66	+25 49 16.5	18.1 N	H45
C/2009 U3	2009 11 25.26781	02 40 09.39	+25 49 18.3	18.0 N	H45
C/2009 U3	2009 11 25.27790	02 40 07.71	+25 49 31.6	18.0 N	H45
C/2009 U3	2009 11 25.28080	02 40 07.26	+25 49 34.6	18.1 N	H45
C/2009 U3	2009 11 25.28255	02 40 06.93	+25 49 36.4	18.0 N	H45
C/2009 U3	2009 11 25.38286	02 39 50.58	+25 51 42.0	16.4 N	H10
C/2009 U3	2009 11 25.38495	02 39 50.25	+25 51 43.4	16.6 N	H10
C/2009 U3	2009 11 26.17646	02 37 42.28	+26 08 15.6	17.8 N	I10
C/2009 U3	2009 11 26.17814	02 37 41.84	+26 08 17.6	17.8 N	I10
C/2009 U3	2009 11 26.17983	02 37 41.65	+26 08 19.8	17.6 N	I10
C/2009 U3	2009 11 26.18152	02 37 41.35	+26 08 23.0	17.7 N	I10
C/2009 U3	2009 11 26.18321	02 37 41.14	+26 08 25.5	17.9 N	I10
C/2009 U3	2009 11 26.18491	02 37 40.80	+26 08 26.4	17.8 N	I10
C/2009 U3	2009 11 26.19417	02 37 39.68	+26 08 27.4	16.7 T	703
C/2009 U3	2009 11 26.20149	02 37 38.46	+26 08 39.4	16.6 T	703
C/2009 U3	2009 11 26.20885	02 37 37.34	+26 08 47.8	16.9 T	703
C/2009 U3	2009 11 26.21627	02 37 36.04	+26 08 55.3	17.0 T	703
C/2009 U3	2009 11 26.22380	02 37 34.78	+26 09 04.5	16.9 T	703
C/2009 U3	2009 11 26.24190	02 37 31.76	+26 09 29.3	17.2 T	G96
C/2009 U3	2009 11 26.24715	02 37 30.93	+26 09 34.9	16.7 T	G96
C/2009 U3	2009 11 26.25240	02 37 30.03	+26 09 42.7	17.1 T	G96
C/2009 U3	2009 11 26.25753	02 37 29.20	+26 09 48.6	17.2 T	G96
C/2009 U3	2009 11 26.26271	02 37 28.30	+26 09 55.6	17.2 T	G96
C/2009 U3	2009 11 26.28505	02 37 24.47	+26 10 23.4	18.4 N	H45
C/2009 U3	2009 11 26.28665	02 37 24.23	+26 10 25.5	18.2 N	H45

C/2009 U3	2009 11 26.28818	02 37 23.98	+26 10 27.1	18.4 N	H45
C/2009 U3	2009 11 26.28955	02 37 23.74	+26 10 28.9	18.4 N	H45
C/2009 U3	2009 11 26.29163	02 37 23.39	+26 10 31.6	18.3 N	H45
C/2009 U3	2009 11 26.29704	02 37 22.54	+26 10 38.0	16.9 T	H45
C/2009 U3	2009 11 26.30254	02 37 21.64	+26 10 45.1	16.9 T	H45
C/2009 U3	2009 11 26.90134	02 35 44.67	+26 23 08.0	17.5 N	J47
C/2009 U3	2009 11 26.90534	02 35 43.98	+26 23 13.2	17.6 N	J47
C/2009 U3	2009 11 26.90796	02 35 43.51	+26 23 16.5	17.6 N	J47
C/2009 U3	2009 11 26.91146	02 35 43.02	+26 23 21.1	17.5 N	J47
C/2009 U3	2009 11 27.57456	02 33 54.56	+26 36 58.0		900
C/2009 U3	2009 11 27.58169	02 33 53.43	+26 37 08.3	17.5 T	900
C/2009 U3	2009 11 28.28833	02 31 57.60	+26 51 36.4	18.5 N	H45
C/2009 U3	2009 11 28.28996	02 31 57.37	+26 51 39.0	18.5 N	H45
C/2009 U3	2009 11 28.29130	02 31 57.16	+26 51 40.6	18.4 N	H45
C/2009 U3	2009 11 28.29240	02 31 56.97	+26 51 42.0	18.4 N	H45
C/2009 U3	2009 11 28.29417	02 31 56.68	+26 51 45.1	18.5 N	H45
C/2009 U3	2009 11 28.29606	02 31 56.32	+26 51 46.7	18.5 N	H45
C/2009 U3	2009 11 28.29712	02 31 56.19	+26 51 47.9	18.5 N	H45

P/2009 U4 (McNaught)

P/2009 U4	2009 10 24.40761	20 51 07.22	-30 53 31.3	17.1 T	4 E12
P/2009 U4	2009 10 24.40989	20 51 07.61	-30 53 29.1	17.1 T	4 E12
P/2009 U4	2009 10 24.41221	20 51 07.94	-30 53 27.1	17.2 T	4 E12
P/2009 U4	2009 10 25.79223	20 54 40.85	-30 30 41.7	17.9 N	204
P/2009 U4	2009 10 25.80985	20 54 43.50	-30 30 24.2		204
P/2009 U4	2009 11 01.35169	21 11 20.85	-28 38 57.1	17.6 N	E94
P/2009 U4	2009 11 01.38786	21 11 25.84	-28 38 16.8	17.8 N	E94
P/2009 U4	2009 11 01.40909	21 11 29.95	-28 37 50.5	17.7 N	E94
P/2009 U4	2009 11 01.43032	21 11 32.01	-28 37 32.5	17.7 N	E94
P/2009 U4	2009 11 01.45149	21 11 35.13	-28 37 10.7	17.9 N	E94
P/2009 U4	2009 11 01.47278	21 11 38.46	-28 36 49.0	17.4 N	E94
P/2009 U4	2009 11 01.49400	21 11 41.78	-28 36 24.4	17.1 N	E94
P/2009 U4	2009 11 05.14729	21 20 48.70	-27 32 21.5	18.2 N	I10
P/2009 U4	2009 11 05.15210	21 20 49.46	-27 32 16.0	18.7 N	I10
P/2009 U4	2009 11 05.15691	21 20 50.08	-27 32 10.1	18.9 N	I10
P/2009 U4	2009 11 05.56226	21 21 50.39	-27 24 58.9	18.0 T	D90
P/2009 U4	2009 11 05.56467	21 21 50.72	-27 24 56.1		D90
P/2009 U4	2009 11 05.56707	21 21 51.11	-27 24 53.3		D90
P/2009 U4	2009 11 05.73223	21 22 16.03	-27 22 05.1	17.3 T	215
P/2009 U4	2009 11 06.08970	21 23 08.60	-27 15 39.8	17.6 N	I10
P/2009 U4	2009 11 06.10274	21 23 10.61	-27 15 24.2	18.0 N	I10
P/2009 U4	2009 11 06.52814	21 24 13.52	-27 07 50.0	17.9 T	D90
P/2009 U4	2009 11 06.53164	21 24 14.07	-27 07 46.1		D90
P/2009 U4	2009 11 06.53514	21 24 14.62	-27 07 42.9		D90
P/2009 U4	2009 11 06.57230	21 24 20.09	-27 07 03.4	16.9 N	D25
P/2009 U4	2009 11 06.58095	21 24 21.43	-27 06 54.2	17.0 N	D25
P/2009 U4	2009 11 07.06267	21 25 32.61	-26 58 20.2	19.2 N	I10
P/2009 U4	2009 11 08.06364	21 28 00.17	-26 40 30.5	17.4 N	H47
P/2009 U4	2009 11 08.07596	21 28 02.00	-26 40 17.2	18.1 N	H47
P/2009 U4	2009 11 09.77137	21 32 10.55	-26 09 51.3	18.4 N	204
P/2009 U4	2009 11 13.56270	21 41 19.88	-25 00 59.6	18.4 N	D25
P/2009 U4	2009 11 16.10948	21 47 24.79	-24 14 30.6	18.5 N	850
P/2009 U4	2009 11 16.11697	21 47 25.86	-24 14 22.2	18.6 N	850

P/2009 U4	2009 11 16.12444	21 47 26.84	-24 14 14.2	18.2 N	850
P/2009 U4	2009 11 19.07187	21 54 24.27	-23 20 00.5	19.3 T	704
P/2009 U4	2009 11 19.08448	21 54 26.11	-23 19 46.7	19.4 T	704
P/2009 U4	2009 11 19.09716	21 54 27.87	-23 19 31.6	19.2 T	704
P/2009 U4	2009 11 22.04675	22 01 20.32	-22 24 56.0	18.8 N	I10
P/2009 U4	2009 11 22.04828	22 01 20.60	-22 24 54.7	19.0 N	I10
P/2009 U4	2009 11 22.04981	22 01 20.82	-22 24 52.5	18.6 N	I10

C/2009 U5 (Grauer)

C/2009 U5	2009 11 02.44700	09 02 16.90	+18 08 36.0	18.9 N	H10
C/2009 U5	2009 11 02.46344	09 02 17.53	+18 08 40.6		H10
C/2009 U5	2009 11 05.44295	09 03 25.33	+18 11 26.3	19.2 N	H36
C/2009 U5	2009 11 05.45067	09 03 25.53	+18 11 26.0	19.2 N	H36
C/2009 U5	2009 11 12.98002	09 05 55.76	+18 20 33.9	18.2 N	B18
C/2009 U5	2009 11 12.98422	09 05 55.80	+18 20 35.4	17.9 N	B18
C/2009 U5	2009 11 12.99021	09 05 55.89	+18 20 35.5	18.1 N	B18
C/2009 U5	2009 11 13.06922	09 05 57.19	+18 20 40.6	18.9 N	A79
C/2009 U5	2009 11 13.07881	09 05 57.50	+18 20 43.5	19.1 N	A79
C/2009 U5	2009 11 13.08797	09 05 57.58	+18 20 45.6	19.4 N	A79
C/2009 U5	2009 11 14.41123	09 06 20.67	+18 22 39.6		H06
C/2009 U5	2009 11 14.42246	09 06 20.83	+18 22 40.8	19.1 T	H06
C/2009 U5	2009 11 14.74795	09 06 26.25	+18 23 10.5	18.0 N	372
C/2009 U5	2009 11 14.81423	09 06 27.35	+18 23 15.8		900
C/2009 U5	2009 11 14.82483	09 06 27.59	+18 23 17.2	18.9 T	900
C/2009 U5	2009 11 15.44111	09 06 37.86	+18 24 13.7	19.0 T	G96
C/2009 U5	2009 11 15.44744	09 06 37.89	+18 24 14.7	19.0 T	G96
C/2009 U5	2009 11 15.45387	09 06 38.04	+18 24 15.4	19.0 T	G96
C/2009 U5	2009 11 15.46073	09 06 38.19	+18 24 17.3	18.9 T	G96
C/2009 U5	2009 11 15.48191	09 06 38.50	+18 24 20.2	18.6 T	G96
C/2009 U5	2009 11 15.48906	09 06 38.59	+18 24 20.4	18.8 T	G96
C/2009 U5	2009 11 15.49613	09 06 38.68	+18 24 20.1	19.0 T	G96
C/2009 U5	2009 11 15.50333	09 06 38.80	+18 24 20.7	18.8 T	G96
C/2009 U5	2009 11 25.40012	09 08 51.39	+18 42 30.9	19.0 T	H45
C/2009 U5	2009 11 25.40251	09 08 51.41	+18 42 31.0	18.9 T	H45
C/2009 U5	2009 11 25.40364	09 08 51.42	+18 42 31.0	18.9 T	H45
C/2009 U5	2009 11 25.40599	09 08 51.48	+18 42 31.4	19.0 T	H45
C/2009 U5	2009 11 25.40811	09 08 51.51	+18 42 31.6	19.0 T	H45
C/2009 U5	2009 11 25.41446	09 08 51.53	+18 42 31.7	19.1 T	H45
C/2009 U5	2009 11 25.41568	09 08 51.55	+18 42 32.1	19.1 T	H45
C/2009 U5	2009 11 28.11815	09 09 17.29	+18 48 29.5	19.4 N	B18
C/2009 U5	2009 11 28.12233	09 09 17.30	+18 48 29.6	19.3 N	B18
C/2009 U5	2009 11 28.12650	09 09 17.34	+18 48 30.0	19.5 N	B18
C/2009 U5	2009 11 29.12560	09 09 25.78	+18 50 48.6	17.0 N	B18
C/2009 U5	2009 11 29.12769	09 09 25.76	+18 50 49.1	17.0 N	B18
C/2009 U5	2009 11 29.12978	09 09 25.80	+18 50 49.4	16.8 N	B18

P/2009 U6 (LINEAR)

P/2009 U6	2009 10 21.09165	09 30 46.12	+13 24 36.3	17.5 T	215
P/2009 U6	2009 10 21.09235	09 30 46.25	+13 24 36.1	17.7 T	215
P/2009 U6	2009 10 21.09306	09 30 46.37	+13 24 36.0	17.6 T	215
P/2009 U6	2009 10 27.43474	09 44 36.35	+13 04 54.7	18.2 T	704
P/2009 U6	2009 10 27.44822	09 44 38.10	+13 04 52.5	18.8 T	704
P/2009 U6	2009 10 27.46171	09 44 39.81	+13 04 49.3	18.5 T	704
P/2009 U6	2009 10 27.47522	09 44 41.46	+13 04 47.5	18.8 T	704

P/2009 U6	2009 10 27.48884	09 44 43.20	+13 04 45.4	18.6 T	704
P/2009 U6	2009 10 30.79307	09 51 37.03	+12 55 27.9	17.2 N	372
P/2009 U6	2009 10 30.80073	09 51 37.93	+12 55 26.3	17.8 N	372
P/2009 U6	2009 10 30.82258	09 51 40.56	+12 55 23.4	16.9 T	349
P/2009 U6	2009 10 30.82495	09 51 40.84	+12 55 22.8		349
P/2009 U6	2009 10 31.46172	09 52 59.20	+12 53 41.3	16.8 T	H06
P/2009 U6	2009 10 31.46423	09 52 59.47	+12 53 41.1		H06
P/2009 U6	2009 11 02.49047	09 57 05.08	+12 48 30.9	18.0 N	H10
P/2009 U6	2009 11 02.49907	09 57 06.37	+12 48 30.0	17.7 N	H10
P/2009 U6	2009 11 02.50984	09 57 07.60	+12 48 28.8	17.8 N	H10
P/2009 U6	2009 11 03.18942	09 58 28.78	+12 46 48.2	18.1 N	204
P/2009 U6	2009 11 03.75409	09 59 36.05	+12 45 28.5	17.2 T	349
P/2009 U6	2009 11 03.75791	09 59 36.49	+12 45 27.7		349
P/2009 U6	2009 11 03.76170	09 59 36.94	+12 45 27.4		349
P/2009 U6	2009 11 06.42645	10 04 48.42	+12 39 31.9	18.6 N	850
P/2009 U6	2009 11 06.44172	10 04 50.11	+12 39 31.4	17.9 N	850
P/2009 U6	2009 11 07.08984	10 06 04.60	+12 38 10.2	17.9 N	B18
P/2009 U6	2009 11 07.09123	10 06 04.75	+12 38 09.8	18.0 N	B18
P/2009 U6	2009 11 07.09263	10 06 04.90	+12 38 09.9	17.9 N	B18
P/2009 U6	2009 11 07.09403	10 06 05.06	+12 38 09.5	18.0 N	B18
P/2009 U6	2009 11 07.09542	10 06 05.22	+12 38 09.4	17.8 N	B18
P/2009 U6	2009 11 07.34762	10 06 34.15	+12 37 44.6	18.8 N	I10
P/2009 U6	2009 11 07.35233	10 06 34.67	+12 37 43.7	18.8 N	I10
P/2009 U6	2009 11 07.35708	10 06 35.29	+12 37 43.1	18.5 N	I10
P/2009 U6	2009 11 08.42437	10 08 36.22	+12 35 35.7	18.2 N	850
P/2009 U6	2009 11 08.43935	10 08 37.86	+12 35 34.6	18.1 N	850
P/2009 U6	2009 11 08.45432	10 08 39.59	+12 35 31.4	18.0 N	850
P/2009 U6	2009 11 09.07433	10 09 49.29	+12 34 23.1	17.4 N	B18
P/2009 U6	2009 11 09.07572	10 09 49.41	+12 34 23.1	17.8 N	B18
P/2009 U6	2009 11 09.07851	10 09 49.74	+12 34 22.6	17.6 N	B18
P/2009 U6	2009 11 09.07991	10 09 49.88	+12 34 22.5	17.5 N	B18
P/2009 U6	2009 11 12.43408	10 15 58.10	+12 29 03.7	18.7 N	850
P/2009 U6	2009 11 12.45535	10 16 00.37	+12 29 01.5	18.5 N	850
P/2009 U6	2009 11 13.14993	10 17 14.75	+12 28 06.2	18.4 N	A79
P/2009 U6	2009 11 13.15830	10 17 15.67	+12 28 05.8	18.4 N	A79
P/2009 U6	2009 11 13.42507	10 17 44.09	+12 27 46.3	17.9 N	850
P/2009 U6	2009 11 13.44773	10 17 46.44	+12 27 44.4	17.7 N	850
P/2009 U6	2009 11 14.19186	10 19 05.15	+12 26 49.3	18.3 N	118
P/2009 U6	2009 11 14.19346	10 19 05.24	+12 26 49.5	18.3 N	118
P/2009 U6	2009 11 14.19678	10 19 05.63	+12 26 48.6	17.9 N	118
P/2009 U6	2009 11 14.19834	10 19 05.78	+12 26 49.0	18.0 N	118
P/2009 U6	2009 11 14.19982	10 19 05.95	+12 26 49.3	17.3 N	118
P/2009 U6	2009 11 14.20129	10 19 06.09	+12 26 48.7	18.1 N	118
P/2009 U6	2009 11 14.45835	10 19 33.18	+12 26 32.9		H06
P/2009 U6	2009 11 14.46581	10 19 34.03	+12 26 32.9	17.5 T	H06
P/2009 U6	2009 11 16.42928	10 22 57.32	+12 24 38.6	18.5 N	850
P/2009 U6	2009 11 16.44430	10 22 58.84	+12 24 37.7	18.5 N	850
P/2009 U6	2009 11 16.47611	10 23 02.04	+12 24 36.6	18.0 T	703
P/2009 U6	2009 11 16.48295	10 23 02.61	+12 24 36.5	17.7 T	703
P/2009 U6	2009 11 16.48977	10 23 03.40	+12 24 35.7	17.5 T	703
P/2009 U6	2009 11 16.49674	10 23 04.16	+12 24 35.6	18.2 T	703
P/2009 U6	2009 11 17.03750	10 23 59.30	+12 24 07.8	17.3 N	B18
P/2009 U6	2009 11 17.04030	10 23 59.57	+12 24 07.9	17.2 N	B18

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P/2009 U6	2009 11 17.04169	10 23 59.72	+12 24 07.7	17.3 N	B18
P/2009 U6	2009 11 17.17012	10 24 12.68	+12 24 02.2	18.1 N	A71
P/2009 U6	2009 11 17.17605	10 24 13.21	+12 24 01.6	18.1 N	A71
P/2009 U6	2009 11 17.17888	10 24 13.50	+12 24 02.0	18.1 N	A71
P/2009 U6	2009 11 17.18170	10 24 13.75	+12 24 01.2	18.0 N	A71
P/2009 U6	2009 11 17.44858	10 24 40.92	+12 23 52.0	18.5 T	704
P/2009 U6	2009 11 17.45024	10 24 41.07	+12 23 51.6	17.9 N	H10
P/2009 U6	2009 11 17.45379	10 24 41.42	+12 23 51.6	17.8 N	H10
P/2009 U6	2009 11 17.45733	10 24 41.78	+12 23 52.2	17.8 N	H10
P/2009 U6	2009 11 17.46101	10 24 42.13	+12 23 51.9	19.2 T	704
P/2009 U6	2009 11 17.47347	10 24 43.41	+12 23 51.8	18.8 T	704
P/2009 U6	2009 11 17.48589	10 24 44.62	+12 23 51.0	18.8 T	704
P/2009 U6	2009 11 17.49834	10 24 45.89	+12 23 50.0	19.0 T	704
P/2009 U6	2009 11 20.42692	10 29 34.99	+12 22 31.6	19.2 T	704
P/2009 U6	2009 11 20.43944	10 29 36.18	+12 22 31.3	19.0 T	704
P/2009 U6	2009 11 20.45194	10 29 37.35	+12 22 31.2	18.9 T	704
P/2009 U6	2009 11 20.46446	10 29 38.57	+12 22 31.1	19.2 T	704
P/2009 U6	2009 11 20.47696	10 29 39.85	+12 22 31.3	19.3 T	704
P/2009 U6	2009 11 21.11437	10 30 41.00	+12 22 24.5	18.3 N	A79
P/2009 U6	2009 11 21.12084	10 30 41.59	+12 22 25.0	18.3 N	A79
P/2009 U6	2009 11 21.25612	10 30 54.54	+12 22 25.2	17.5 N	J47
P/2009 U6	2009 11 21.26237	10 30 55.07	+12 22 24.6	18.0 N	J47
P/2009 U6	2009 11 21.26603	10 30 55.59	+12 22 24.6	17.9 N	J47
P/2009 U6	2009 11 21.80183	10 31 46.40	+12 22 23.2	18.1 T	900
P/2009 U6	2009 11 21.81243	10 31 47.39	+12 22 22.6		900
P/2009 U6	2009 11 22.19681	10 32 23.71	+12 22 23.0	17.8 T	215
P/2009 U6	2009 11 22.27963	10 32 31.61	+12 22 29.2	18.4 N	I10
P/2009 U6	2009 11 22.49359	10 32 51.54	+12 22 25.9	18.4 T	G96
P/2009 U6	2009 11 22.49950	10 32 52.04	+12 22 26.3	18.4 T	G96
P/2009 U6	2009 11 22.50553	10 32 52.62	+12 22 26.2	18.3 T	G96
P/2009 U6	2009 11 22.51146	10 32 53.08	+12 22 27.0	18.1 T	G96
P/2009 U6	2009 11 22.80725	10 33 20.97	+12 22 33.9		D25
P/2009 U6	2009 11 23.81606	10 34 54.21	+12 22 51.2	17.8 N	D25
P/2009 U6	2009 11 25.30856	10 37 09.65	+12 23 33.0	18.3 N	I10
P/2009 U6	2009 11 25.31505	10 37 10.21	+12 23 32.7	17.9 N	I10
P/2009 U6	2009 11 25.43743	10 37 21.02	+12 23 32.1	18.3 T	H45
P/2009 U6	2009 11 25.43899	10 37 21.14	+12 23 32.3	18.3 T	H45
P/2009 U6	2009 11 25.44080	10 37 21.26	+12 23 32.3	18.4 T	H45
P/2009 U6	2009 11 25.44261	10 37 21.46	+12 23 32.4	18.4 T	H45
P/2009 U6	2009 11 25.44416	10 37 21.53	+12 23 32.5	18.2 T	H45
P/2009 U6	2009 11 25.44546	10 37 21.67	+12 23 32.6	18.4 T	H45
P/2009 U6	2009 11 25.44723	10 37 21.88	+12 23 32.7	18.4 T	H45
P/2009 U6	2009 11 26.13643	10 38 23.00	+12 24 01.7	18.3 N	A79
P/2009 U6	2009 11 26.13927	10 38 23.27	+12 24 01.6	18.3 N	A79
P/2009 U6	2009 11 26.14256	10 38 23.56	+12 24 02.0	18.3 N	A79
P/2009 U6	2009 11 26.34420	10 38 41.50	+12 24 17.7	18.7 N	I10
P/2009 U6	2009 11 26.34588	10 38 41.51	+12 24 16.7	18.3 N	I10
P/2009 U6	2009 11 26.34756	10 38 41.72	+12 24 17.0	18.7 N	I10
P/2009 U6	2009 11 26.34924	10 38 41.87	+12 24 16.4	18.7 N	I10
P/2009 U6	2009 11 26.35093	10 38 42.01	+12 24 17.1	18.7 N	I10
P/2009 U6	2009 11 26.35260	10 38 42.17	+12 24 16.9	18.3 N	I10
P/2009 U6	2009 11 26.44616	10 38 50.28	+12 24 15.9	19.0 N	H45
P/2009 U6	2009 11 26.44841	10 38 50.49	+12 24 15.9	18.8 N	H45

P/2009 U6	2009 11 26.44932	10 38 50.63	+12 24 16.3	19.0 N	H45
P/2009 U6	2009 11 26.45078	10 38 50.70	+12 24 16.5	19.0 N	H45
P/2009 U6	2009 11 26.45857	10 38 51.40	+12 24 17.1	19.0 N	H45
P/2009 U6	2009 11 26.46067	10 38 51.56	+12 24 17.2	19.1 N	H45
P/2009 U6	2009 11 26.46215	10 38 51.72	+12 24 17.3	19.0 N	H45
P/2009 U6	2009 11 28.21297	10 41 23.06	+12 26 00.1	17.9 N	A77
P/2009 U6	2009 11 28.21764	10 41 23.48	+12 26 00.4	17.8 N	A77
P/2009 U6	2009 11 28.22233	10 41 23.84	+12 26 00.8	17.7 N	A77

P/2009 W1 (Hill)

P/2009 W1	2009 11 18.50653	09 46 17.11	+28 51 20.0	18.5 T	703
P/2009 W1	2009 11 18.51126	09 46 17.32	+28 51 21.0	18.3 T	703
P/2009 W1	2009 11 18.51609	09 46 17.58	+28 51 20.8	18.6 T	703
P/2009 W1	2009 11 18.52111	09 46 17.83	+28 51 21.8	18.5 T	703
P/2009 W1	2009 11 19.03325	09 46 45.74	+28 52 21.5	19.6 N	114
P/2009 W1	2009 11 19.03701	09 46 45.88	+28 52 22.3	19.3 N	114
P/2009 W1	2009 11 19.04093	09 46 46.13	+28 52 22.8	19.7 N	114
P/2009 W1	2009 11 19.04481	09 46 46.34	+28 52 23.2	19.7 N	114
P/2009 W1	2009 11 19.04873	09 46 46.55	+28 52 23.1	19.6 N	114
P/2009 W1	2009 11 19.09377	09 46 48.85	+28 52 29.3	18.9 N	B18
P/2009 W1	2009 11 19.09586	09 46 48.95	+28 52 29.2	18.3 N	B18
P/2009 W1	2009 11 19.10003	09 46 49.23	+28 52 29.9	18.2 N	B18
P/2009 W1	2009 11 19.10067	09 46 49.14	+28 52 31.0	18.4 T	A79
P/2009 W1	2009 11 19.10899	09 46 49.73	+28 52 31.6	18.4 T	A79
P/2009 W1	2009 11 19.13695	09 46 51.15	+28 52 34.2	18.4 T	A79
P/2009 W1	2009 11 19.17372	09 46 53.08	+28 52 39.6	18.4 T	A79
P/2009 W1	2009 11 19.41748	09 47 06.31	+28 53 10.1		703
P/2009 W1	2009 11 19.41832	09 47 06.36	+28 53 08.5		703
P/2009 W1	2009 11 19.42508	09 47 06.75	+28 53 10.7		703
P/2009 W1	2009 11 19.42593	09 47 06.68	+28 53 10.7	18.1 T	703
P/2009 W1	2009 11 19.43291	09 47 07.04	+28 53 11.3	18.2 T	703
P/2009 W1	2009 11 19.43374	09 47 07.05	+28 53 11.3		703
P/2009 W1	2009 11 19.44072	09 47 07.43	+28 53 12.3		703
P/2009 W1	2009 11 19.44155	09 47 07.44	+28 53 12.2		703
P/2009 W1	2009 11 19.46829	09 47 08.89	+28 53 15.6	18.7 N	H36
P/2009 W1	2009 11 19.47291	09 47 09.15	+28 53 16.0	19.1 N	H36
P/2009 W1	2009 11 19.47754	09 47 09.38	+28 53 16.4	19.1 N	H36
P/2009 W1	2009 11 19.50291	09 47 10.80	+28 53 19.8	18.2 T	G96
P/2009 W1	2009 11 19.50380	09 47 10.87	+28 53 19.9		G96
P/2009 W1	2009 11 19.50475	09 47 10.92	+28 53 19.9		G96
P/2009 W1	2009 11 19.50568	09 47 10.96	+28 53 20.2		G96
P/2009 W1	2009 11 19.80456	09 47 26.65	+28 53 58.2	18.4 T	349
P/2009 W1	2009 11 19.81041	09 47 26.97	+28 53 58.7		349
P/2009 W1	2009 11 20.21686	09 47 48.45	+28 54 49.7	18.1 N	A77
P/2009 W1	2009 11 20.22466	09 47 48.84	+28 54 51.4	18.0 N	A77
P/2009 W1	2009 11 20.31934	09 47 54.01	+28 55 05.7	19.5 N	I10
P/2009 W1	2009 11 20.43781	09 47 59.93	+28 55 19.1	18.1 N	850
P/2009 W1	2009 11 20.45178	09 48 00.65	+28 55 20.2	18.6 N	850
P/2009 W1	2009 11 21.08992	09 48 33.84	+28 56 44.6	18.1 N	A79
P/2009 W1	2009 11 21.10012	09 48 34.36	+28 56 46.2	18.5 N	A79
P/2009 W1	2009 11 21.47133	09 48 53.27	+28 57 36.0		H06
P/2009 W1	2009 11 21.47318	09 48 53.45	+28 57 36.6	18.7 T	H06
P/2009 W1	2009 11 21.48092	09 48 53.95	+28 57 36.9	18.7 N	H10

P/2009 W1	2009 11 21.48447	09 48 53.96	+28 57 38.9	18.9 N	H10
P/2009 W1	2009 11 21.48801	09 48 54.28	+28 57 38.9	18.3 N	H10
P/2009 W1	2009 11 21.76850	09 49 08.51	+28 58 17.1		900
P/2009 W1	2009 11 21.77910	09 49 09.04	+28 58 18.5	18.5 T	900
P/2009 W1	2009 11 21.98280	09 49 19.45	+28 58 45.7	18.7 N	204
P/2009 W1	2009 11 22.01509	09 49 21.04	+28 58 50.2		204
P/2009 W1	2009 11 22.15161	09 49 28.03	+28 59 09.2	17.7 T	215
P/2009 W1	2009 11 22.15285	09 49 28.07	+28 59 09.4	17.8 T	215
P/2009 W1	2009 11 22.15408	09 49 28.10	+28 59 09.6	17.7 T	215
P/2009 W1	2009 11 22.29061	09 49 34.87	+28 59 33.4	19.2 N	I10
P/2009 W1	2009 11 22.46734	09 49 43.72	+28 59 55.7	18.9 N	H10
P/2009 W1	2009 11 22.47170	09 49 43.93	+28 59 56.1	19.9 N	H10
P/2009 W1	2009 11 22.47698	09 49 44.20	+28 59 57.9	19.6 N	H10
P/2009 W1	2009 11 22.69919	09 49 55.33	+29 00 27.8	17.9 N	400
P/2009 W1	2009 11 22.71272	09 49 55.96	+29 00 30.3	18.0 N	400
P/2009 W1	2009 11 22.72419	09 49 56.54	+29 00 31.5	18.0 N	400
P/2009 W1	2009 11 23.38846	09 50 29.57	+29 02 08.7	18.8 N	H10
P/2009 W1	2009 11 23.39318	09 50 29.68	+29 02 11.1	19.0 N	H10
P/2009 W1	2009 11 23.39837	09 50 29.81	+29 02 14.8	18.1 N	H10
P/2009 W1	2009 11 23.48376	09 50 33.78	+29 02 26.7		H06
P/2009 W1	2009 11 23.48748	09 50 33.94	+29 02 27.6		H06
P/2009 W1	2009 11 23.49119	09 50 34.09	+29 02 28.6	18.3 T	H06
P/2009 W1	2009 11 24.97313	09 51 45.34	+29 06 16.3	18.5 N	A77
P/2009 W1	2009 11 24.97935	09 51 45.62	+29 06 18.2	18.0 N	A77
P/2009 W1	2009 11 24.98558	09 51 45.90	+29 06 19.2	18.5 N	A77
P/2009 W1	2009 11 25.41812	09 52 06.05	+29 07 30.3	18.8 T	H45
P/2009 W1	2009 11 25.41983	09 52 06.22	+29 07 30.4	18.9 T	H45
P/2009 W1	2009 11 25.42151	09 52 06.25	+29 07 30.4	18.7 T	H45
P/2009 W1	2009 11 25.42344	09 52 06.32	+29 07 30.6	18.8 T	H45
P/2009 W1	2009 11 25.42505	09 52 06.38	+29 07 31.7	18.8 T	H45
P/2009 W1	2009 11 25.42708	09 52 06.41	+29 07 32.0	18.9 T	H45
P/2009 W1	2009 11 25.42939	09 52 06.42	+29 07 32.0	18.9 T	H45
P/2009 W1	2009 11 26.11565	09 52 38.17	+29 09 26.7	18.2 N	A79
P/2009 W1	2009 11 26.12548	09 52 38.64	+29 09 28.3	18.2 N	A79
P/2009 W1	2009 11 28.13148	09 54 07.86	+29 15 21.6	18.1 N	B18
P/2009 W1	2009 11 28.13287	09 54 07.97	+29 15 22.0	18.4 N	B18
P/2009 W1	2009 11 28.13427	09 54 07.98	+29 15 22.3	18.4 N	B18
P/2009 W1	2009 11 28.38877	09 54 19.06	+29 16 10.2	18.0 N	850
P/2009 W1	2009 11 28.40409	09 54 19.71	+29 16 13.3	18.2 N	850
P/2009 W1	2009 11 28.41937	09 54 20.35	+29 16 16.0	18.7 N	850
P/2009 W1	2009 11 28.43463	09 54 20.97	+29 16 19.0	18.3 N	850
P/2009 W1	2009 11 28.44988	09 54 21.61	+29 16 21.8	18.5 N	850
P/2009 W1	2009 11 29.13407	09 54 50.77	+29 18 29.4	18.3 N	B18
P/2009 W1	2009 11 29.13616	09 54 50.82	+29 18 29.9	18.3 N	B18
P/2009 W1	2009 11 29.13825	09 54 50.89	+29 18 30.1	18.0 N	B18
C/2009 W2 (Boattini)					
C/2009 W2	2009 11 21.44532	06 23 48.44	+39 55 08.6	20.6 T	703
C/2009 W2	2009 11 21.45201	06 23 48.08	+39 55 09.6	19.9 T	703
C/2009 W2	2009 11 21.45862	06 23 47.50	+39 55 08.1	20.3 T	703
C/2009 W2	2009 11 21.46520	06 23 47.00	+39 55 09.5	19.3 T	703
C/2009 W2	2009 11 23.47597	06 21 30.50	+39 58 41.9	19.5 T	703
C/2009 W2	2009 11 23.48163	06 21 30.07	+39 58 40.2	19.7 T	703

C/2009 W2	2009 11 23.48736	06 21 29.65	+39 58 41.1	19.7 T	703
C/2009 W2	2009 11 23.52411	06 21 27.13	+39 58 45.6	18.9 T	G96
C/2009 W2	2009 11 23.52602	06 21 26.95	+39 58 45.6	19.1 T	G96
C/2009 W2	2009 11 23.52789	06 21 26.86	+39 58 45.9	18.5 T	G96
C/2009 W2	2009 11 23.52976	06 21 26.67	+39 58 46.4	19.5 T	G96
C/2009 W2	2009 11 24.03155	06 20 52.20	+39 59 35.6	19.3 N	B18
C/2009 W2	2009 11 24.03363	06 20 52.01	+39 59 35.9	19.4 N	B18
C/2009 W2	2009 11 24.03572	06 20 51.87	+39 59 35.5	19.5 N	B18
C/2009 W2	2009 11 24.05713	06 20 50.38	+39 59 37.8	19.2 N	B18
C/2009 W2	2009 11 24.34296	06 20 30.72	+40 00 06.1	19.4 N	682
C/2009 W2	2009 11 24.37159	06 20 28.69	+40 00 09.4	19.8 N	682
C/2009 W2	2009 11 24.44409	06 20 23.56	+40 00 16.2	19.4 T	G96
C/2009 W2	2009 11 24.44850	06 20 23.35	+40 00 16.7	19.3 T	G96
C/2009 W2	2009 11 24.45288	06 20 22.95	+40 00 17.1	19.2 T	G96
C/2009 W2	2009 11 24.45745	06 20 22.66	+40 00 17.6	19.6 T	G96
C/2009 W2	2009 11 24.47117	06 20 21.60	+40 00 18.6	19.3 T	H01
C/2009 W2	2009 11 24.47666	06 20 21.22	+40 00 19.2	19.4 T	H01
C/2009 W2	2009 11 24.48185	06 20 20.85	+40 00 19.5	19.4 T	H01
C/2009 W2	2009 11 24.48678	06 20 20.51	+40 00 20.0	19.4 T	H01
C/2009 W2	2009 11 24.50426	06 20 19.42	+40 00 22.3	20.4 N	926
C/2009 W2	2009 11 24.50836	06 20 19.08	+40 00 22.1	20.4 N	926
C/2009 W2	2009 11 24.51245	06 20 18.77	+40 00 22.6	20.5 N	926
C/2009 W2	2009 11 24.92116	06 19 50.55	+40 01 01.1	20.6 N	A77
C/2009 W2	2009 11 26.29356	06 18 13.89	+40 03 06.0	19.2 N	850
C/2009 W2	2009 11 26.33998	06 18 10.52	+40 03 10.4	19.3 N	850
C/2009 W2	2009 11 26.40641	06 18 05.89	+40 03 16.1	19.8 N	H10
C/2009 W2	2009 11 26.40996	06 18 05.70	+40 03 15.3	20.5 N	H10
C/2009 W2	2009 11 26.41351	06 18 05.28	+40 03 15.8	20.2 N	H10
C/2009 W2	2009 11 26.42463	06 18 04.53	+40 03 17.8	19.3 T	G96
C/2009 W2	2009 11 26.42991	06 18 04.21	+40 03 17.9	19.4 T	G96
C/2009 W2	2009 11 26.43515	06 18 03.78	+40 03 18.7	19.5 T	G96
C/2009 W2	2009 11 26.44049	06 18 03.45	+40 03 18.8	19.4 T	G96
C/2009 W2	2009 11 26.44564	06 18 02.98	+40 03 19.3	19.4 T	G96
C/2009 W2	2009 11 26.74365	06 17 42.00	+40 03 44.2	19.5 T	349
C/2009 W2	2009 11 26.75226	06 17 41.35	+40 03 45.2		349

2P/Encke

2P	2009 11 06.77282	22 47 24.09	−01 17 32.9	19.3 N	A77
2P	2009 11 06.78838	22 47 23.52	−01 17 39.2	19.9 N	A77
2P	2009 11 11.77710	22 45 32.08	−01 33 25.9	20.5 N	A77

22P/Kopff

22P	2009 09 15.96545	22 39 20.54	−15 40 38.2	13.8 N	C08
22P	2009 09 15.96942	22 39 20.47	−15 40 38.4	13.9 N	C08
22P	2009 09 15.97341	22 39 20.28	−15 40 38.6	13.9 N	C08
22P	2009 09 19.83850	22 38 03.42	−15 49 34.6	14.3 N	473
22P	2009 09 19.83909	22 38 03.40	−15 49 34.4	14.5 N	473
22P	2009 09 19.83949	22 38 03.40	−15 49 34.8	14.3 N	473
22P	2009 09 19.84054	22 38 03.38	−15 49 34.8	14.3 N	473
22P	2009 10 12.84488	22 38 14.78	−15 30 38.9	15.7 N	585
22P	2009 10 12.85196	22 38 14.96	−15 30 37.2	15.6 N	585
22P	2009 10 12.85406	22 38 15.02	−15 30 37.3	15.8 N	585
22P	2009 10 12.85660	22 38 15.03	−15 30 35.8	15.7 N	585
22P	2009 10 12.85703	22 38 15.06	−15 30 35.6	15.5 N	585

2009 DEC. 2

M.P.C. 67649

22P	2009 10 12.85830	22 38 15.11	-15 30 35.7	15.6 N	585	22P	2009 11 07.10800	22 52 52.07	-13 22 03.5	15.9 N	H47
22P	2009 10 30.91233	22 47 25.57	-14 07 11.2	15.7 N	212	22P	2009 11 07.11341	22 52 52.32	-13 22 02.1	15.6 N	H47
22P	2009 10 30.91659	22 47 25.85	-14 07 10.6	15.8 N	212	22P	2009 11 07.11723	22 52 52.46	-13 21 59.8	15.4 N	H47
22P	2009 10 30.92296	22 47 25.99	-14 07 08.3	15.6 N	212	22P	2009 11 07.85633	22 53 28.86	-13 17 05.1	15.8 N	939
22P	2009 10 31.43145	22 47 47.45	-14 04 07.7	14.0 T	349	22P	2009 11 07.86097	22 53 29.11	-13 17 02.1	15.8 N	939
22P	2009 10 31.43513	22 47 47.61	-14 04 06.1		349	22P	2009 11 07.86330	22 53 29.23	-13 17 00.6	15.7 N	939
22P	2009 10 31.47851	22 47 49.41	-14 03 51.4		900	22P	2009 11 08.04387	22 53 38.32	-13 15 46.7	16.9 N	H45
22P	2009 10 31.48217	22 47 49.56	-14 03 50.5	15.3 N	900	22P	2009 11 08.04557	22 53 38.38	-13 15 46.0	17.0 N	H45
22P	2009 10 31.85687	22 48 05.49	-14 01 36.3	16.2 N	212	22P	2009 11 08.04667	22 53 38.43	-13 15 45.2	17.0 N	H45
22P	2009 11 01.88605	22 48 49.97	-13 55 23.0	15.3 N	J51	22P	2009 11 08.04784	22 53 38.51	-13 15 44.9	17.0 N	H45
22P	2009 11 01.89441	22 48 50.31	-13 55 19.9	15.5 N	J51	22P	2009 11 08.04891	22 53 38.54	-13 15 44.7	17.1 N	H45
22P	2009 11 01.90276	22 48 50.66	-13 55 17.0	15.6 N	J51	22P	2009 11 08.05008	22 53 38.58	-13 15 44.1	17.1 N	H45
22P	2009 11 02.81253	22 49 31.09	-13 49 40.8	15.8 N	J47	22P	2009 11 08.12785	22 53 42.41	-13 15 14.6	16.7 N	750
22P	2009 11 02.81585	22 49 31.22	-13 49 39.2	16.6 N	J47	22P	2009 11 08.13661	22 53 42.79	-13 15 11.0	16.6 N	750
22P	2009 11 02.82250	22 49 31.51	-13 49 37.1	15.8 N	J47	22P	2009 11 08.16052	22 53 43.98	-13 15 01.9	16.7 N	750
22P	2009 11 03.11154	22 49 44.31	-13 47 49.2	15.9 N	H47	22P	2009 11 09.90569	22 55 12.35	-13 03 03.0	15.9 N	J53
22P	2009 11 03.11618	22 49 44.52	-13 47 47.5	16.0 N	H47	22P	2009 11 09.91213	22 55 12.67	-13 03 00.9	15.8 N	J53
22P	2009 11 03.12094	22 49 44.72	-13 47 45.9	16.1 N	H47	22P	2009 11 09.91427	22 55 12.80	-13 02 59.7	15.9 N	J53
22P	2009 11 03.48550	22 50 01.25	-13 45 29.7		367	22P	2009 11 10.11860	22 55 23.21	-13 01 30.3	16.4 N	I10
22P	2009 11 03.48712	22 50 01.32	-13 45 29.1	14.4 T	367	22P	2009 11 10.12013	22 55 23.26	-13 01 28.7	16.4 N	I10
22P	2009 11 03.51461	22 50 02.45	-13 45 18.4	16.0 N	900	22P	2009 11 10.12166	22 55 23.35	-13 01 28.0	15.6 N	I10
22P	2009 11 03.52174	22 50 02.75	-13 45 15.6		900	22P	2009 11 11.05533	22 56 12.19	-12 55 01.5	15.9 N	H47
22P	2009 11 04.11558	22 50 29.97	-13 41 30.5	15.9 N	H47	22P	2009 11 11.07959	22 56 13.38	-12 54 52.3	15.2 N	H47
22P	2009 11 04.12451	22 50 30.38	-13 41 27.3	15.6 N	H47	22P	2009 11 11.08611	22 56 13.70	-12 54 49.7	15.6 N	H47
22P	2009 11 04.13344	22 50 30.76	-13 41 23.9	15.8 N	H47	22P	2009 11 11.09083	22 56 13.93	-12 54 47.2	15.8 N	H47
22P	2009 11 04.83662	22 51 03.54	-13 36 53.9	15.9 N	J47	22P	2009 11 11.09486	22 56 14.18	-12 54 46.2	15.3 N	H47
22P	2009 11 04.83856	22 51 03.63	-13 36 53.2	15.9 N	J47	22P	2009 11 11.11477	22 56 15.19	-12 54 38.1	17.1 T	750
22P	2009 11 04.84052	22 51 03.73	-13 36 52.3	15.9 N	J47	22P	2009 11 11.13763	22 56 16.35	-12 54 27.5	17.3 T	750
22P	2009 11 05.10634	22 51 16.08	-13 35 10.3	15.7 N	H47	22P	2009 11 11.76641	22 56 49.65	-12 50 01.2	16.2 N	A81
22P	2009 11 05.11127	22 51 16.28	-13 35 07.8	15.8 N	H47	22P	2009 11 11.77281	22 56 49.99	-12 49 58.9	16.0 N	A81
22P	2009 11 05.11635	22 51 16.51	-13 35 05.6	16.1 N	H47	22P	2009 11 11.78232	22 56 50.47	-12 49 54.8	16.0 N	A81
22P	2009 11 05.76630	22 51 47.33	-13 30 53.9	15.9 N	A71	22P	2009 11 11.78943	22 56 50.84	-12 49 52.0	15.9 N	A81
22P	2009 11 05.76843	22 51 47.45	-13 30 52.7	15.9 N	A71	22P	2009 11 11.90540	22 56 56.93	-12 49 01.5	16.1 N	J53
22P	2009 11 05.77057	22 51 47.53	-13 30 51.3	16.0 N	A71	22P	2009 11 11.90749	22 56 57.04	-12 49 00.9	16.1 N	J53
22P	2009 11 05.77270	22 51 47.71	-13 30 50.3	15.8 N	A71	22P	2009 11 11.91166	22 56 57.27	-12 48 58.2	16.1 N	J53
22P	2009 11 06.12930	22 52 04.65	-13 28 32.3	15.3 N	H47	22P	2009 11 12.08881	22 57 06.74	-12 47 43.7	15.7 N	H47
22P	2009 11 06.13719	22 52 04.99	-13 28 29.2	15.5 N	H47	22P	2009 11 12.10014	22 57 07.31	-12 47 38.9	15.6 N	H47
22P	2009 11 06.14505	22 52 05.37	-13 28 26.0	16.1 N	H47	22P	2009 11 12.10833	22 57 07.71	-12 47 36.0	16.9 N	H53
22P	2009 11 06.14625	22 52 05.26	-13 28 17.8	17.4 N	I10	22P	2009 11 12.11156	22 57 07.91	-12 47 34.2	15.7 N	H47
22P	2009 11 06.15431	22 52 05.61	-13 28 14.7	17.3 N	I10	22P	2009 11 12.11234	22 57 08.15	-12 47 35.2	17.3 N	H53
22P	2009 11 06.16123	22 52 05.90	-13 28 11.2	17.2 N	I10	22P	2009 11 12.11583	22 57 07.96	-12 47 32.9	17.3 N	H53
22P	2009 11 07.04548	22 52 49.09	-13 22 28.0	16.9 N	H45	22P	2009 11 12.12017	22 57 08.27	-12 47 30.2	16.9 N	H53
22P	2009 11 07.04736	22 52 49.18	-13 22 26.8	16.9 N	H45	22P	2009 11 12.12417	22 57 08.44	-12 47 27.5	17.0 N	H53
22P	2009 11 07.04897	22 52 49.28	-13 22 26.3	16.7 N	H45	22P	2009 11 12.12766	22 57 08.60	-12 47 25.6	17.1 N	H53
22P	2009 11 07.05057	22 52 49.33	-13 22 25.8	16.9 N	H45	22P	2009 11 12.82842	22 57 46.35	-12 42 27.4	16.8 N	J59
22P	2009 11 07.05205	22 52 49.40	-13 22 25.1	16.9 N	H45	22P	2009 11 12.83504	22 57 46.80	-12 42 24.8	15.9 N	J59
22P	2009 11 07.05345	22 52 49.46	-13 22 24.6	17.0 N	H45	22P	2009 11 12.83952	22 57 46.97	-12 42 22.1	17.1 N	J59
22P	2009 11 07.05481	22 52 49.57	-13 22 23.3	16.4 N	H53	22P	2009 11 12.90475	22 57 50.41	-12 41 52.0	16.2 N	J47
22P	2009 11 07.06176	22 52 49.76	-13 22 22.2	16.4 N	H53	22P	2009 11 12.91361	22 57 50.90	-12 41 48.1	17.7 N	J47
22P	2009 11 07.06870	22 52 50.05	-13 22 20.3	16.6 N	H53	22P	2009 11 12.92252	22 57 51.47	-12 41 44.1	16.1 N	J47
22P	2009 11 07.07639	22 52 50.57	-13 22 16.4	16.6 N	H53	22P	2009 11 13.74120	22 58 35.98	-12 35 49.1	18.4 T	071
22P	2009 11 07.08333	22 52 50.72	-13 22 12.0	16.7 N	H53	22P	2009 11 13.74433	22 58 36.15	-12 35 47.9	17.9 T	071
22P	2009 11 07.09161	22 52 51.20	-13 22 09.0	16.8 N	H53	22P	2009 11 13.75591	22 58 36.72	-12 35 42.9	18.6 T	071

22P	2009 11 13.76455	22 58 37.20	-12 35 39.3	18.3 T	071	22P	2009 11 19.84922	23 04 24.60	-11 49 49.9	16.1 N	945
22P	2009 11 13.77057	22 58 37.52	-12 35 36.5	18.2 T	071	22P	2009 11 19.85461	23 04 24.90	-11 49 49.6	16.1 N	945
22P	2009 11 13.90409	22 58 44.82	-12 34 38.0	17.1 N	212	22P	2009 11 19.85792	23 04 25.13	-11 49 47.7	15.9 N	945
22P	2009 11 13.90840	22 58 45.10	-12 34 35.0	16.1 N	212	22P	2009 11 19.86674	23 04 25.41	-11 49 43.4	16.1 N	945
22P	2009 11 13.91413	22 58 45.30	-12 34 34.0	15.9 N	212	22P	2009 11 19.86968	23 04 25.61	-11 49 43.4	16.0 N	945
22P	2009 11 13.98758	22 58 49.30	-12 34 02.8	16.0 N	J45	22P	2009 11 20.82593	23 05 22.88	-11 42 13.5	16.3 N	J47
22P	2009 11 14.01499	22 58 50.62	-12 33 51.6	15.9 N	J45	22P	2009 11 20.83382	23 05 23.28	-11 42 09.3	17.4 N	J47
22P	2009 11 14.47221	22 59 16.11	-12 30 30.1	16.3 N	900	22P	2009 11 20.84160	23 05 23.76	-11 42 05.7	16.3 N	J47
22P	2009 11 14.47934	22 59 16.48	-12 30 26.2		900	22P	2009 11 21.41005	23 05 58.12	-11 37 38.3		D95
22P	2009 11 15.13976	22 59 53.11	-12 25 34.7	15.4 N	H47	22P	2009 11 21.42235	23 05 58.73	-11 37 33.9	16.4 N	D92
22P	2009 11 15.15124	22 59 53.74	-12 25 29.2	15.7 N	H47	22P	2009 11 21.42534	23 05 58.90	-11 37 31.5	14.2 T	D92
22P	2009 11 15.16202	22 59 54.33	-12 25 23.8	16.4 N	H47	22P	2009 11 21.42833	23 05 59.07	-11 37 29.3	16.9 N	D92
22P	2009 11 16.78896	23 01 26.42	-12 13 16.4	16.2 N	939	22P	2009 11 21.88655	23 06 26.71	-11 33 52.4	16.4 N	J47
22P	2009 11 16.79362	23 01 26.68	-12 13 15.0	16.1 N	939	22P	2009 11 21.89705	23 06 27.39	-11 33 47.2	17.2 N	J47
22P	2009 11 16.79595	23 01 26.81	-12 13 14.3	16.2 N	939	22P	2009 11 21.90747	23 06 28.02	-11 33 41.7	16.5 N	J47
22P	2009 11 16.80139	23 01 27.09	-12 13 11.4	16.1 N	213	22P	2009 11 21.92739	23 06 29.26	-11 33 33.0	16.3 N	J51
22P	2009 11 16.80367	23 01 27.19	-12 13 10.6	16.0 N	213	22P	2009 11 21.93070	23 06 29.48	-11 33 31.0	16.3 N	J51
22P	2009 11 16.80824	23 01 27.46	-12 13 06.9	16.1 N	213	22P	2009 11 21.93401	23 06 29.65	-11 33 30.0	16.3 N	J51
22P	2009 11 16.92292	23 01 33.75	-12 12 15.1	16.6 N	J10	22P	2009 11 22.08027	23 06 38.45	-11 32 15.4	17.8 N	I10
22P	2009 11 16.92420	23 01 33.83	-12 12 13.2	16.0 N	J10	22P	2009 11 22.08194	23 06 38.60	-11 32 15.4	18.0 N	I10
22P	2009 11 16.92547	23 01 34.65	-12 12 13.8	16.5 N	J10	22P	2009 11 22.08363	23 06 38.71	-11 32 15.7	18.3 N	I10
22P	2009 11 17.12963	23 01 45.94	-12 10 45.9	14.5 T	703	22P	2009 11 23.39300	23 07 59.19	-11 21 52.4	17.2 N	D92
22P	2009 11 17.13679	23 01 46.30	-12 10 42.0	14.6 T	703	22P	2009 11 23.39478	23 07 59.33	-11 21 51.9	17.7 N	379
22P	2009 11 17.14401	23 01 46.63	-12 10 37.0	14.7 T	703	22P	2009 11 23.39553	23 07 59.30	-11 21 51.5	16.6 N	D92
22P	2009 11 17.15131	23 01 47.06	-12 10 32.2	15.1 T	703	22P	2009 11 23.39667	23 07 59.40	-11 21 51.5		379
22P	2009 11 17.85420	23 02 27.54	-12 05 12.9	16.3 N	J38	22P	2009 11 23.39803	23 07 59.44	-11 21 50.1	16.6 N	D92
22P	2009 11 17.85645	23 02 27.67	-12 05 12.0	16.3 N	J38	22P	2009 11 23.41361	23 08 00.47	-11 21 42.7		379
22P	2009 11 17.86321	23 02 28.05	-12 05 08.8	16.3 N	J38	22P	2009 11 23.78388	23 08 23.44	-11 18 45.0	16.3 N	939
22P	2009 11 18.05391	23 02 39.14	-12 03 41.7	17.4 T	750	22P	2009 11 23.79215	23 08 23.88	-11 18 41.3	16.5 N	J38
22P	2009 11 18.07470	23 02 40.29	-12 03 32.4	17.2 T	750	22P	2009 11 23.79245	23 08 23.95	-11 18 41.2	16.3 N	939
22P	2009 11 18.09325	23 02 41.43	-12 03 24.0	17.6 T	750	22P	2009 11 23.80069	23 08 24.42	-11 18 37.4	16.4 N	J38
22P	2009 11 18.13012	23 02 43.38	-12 03 09.3	17.3 T	704	22P	2009 11 23.80106	23 08 24.45	-11 18 36.8	16.4 N	939
22P	2009 11 18.14257	23 02 44.29	-12 03 01.5	18.1 T	704	22P	2009 11 23.80283	23 08 24.58	-11 18 36.3	16.4 N	J38
22P	2009 11 18.15503	23 02 44.94	-12 02 54.4	18.0 T	704	22P	2009 11 23.91741	23 08 31.53	-11 17 40.1	16.4 N	J53
22P	2009 11 18.16751	23 02 45.61	-12 02 49.3	17.9 T	704	22P	2009 11 23.91921	23 08 31.60	-11 17 39.7	16.4 N	J53
22P	2009 11 18.17997	23 02 46.54	-12 02 43.1	18.1 T	704	22P	2009 11 23.92306	23 08 31.90	-11 17 38.3	16.4 N	J53
22P	2009 11 18.80976	23 03 23.25	-11 57 54.6	16.2 N	J38	22P	2009 11 24.79050	23 09 26.08	-11 10 37.3	16.2 N	B56
22P	2009 11 18.81855	23 03 23.77	-11 57 49.7	16.3 N	J38	22P	2009 11 24.79700	23 09 26.48	-11 10 34.3	16.3 N	B56
22P	2009 11 18.82074	23 03 23.90	-11 57 48.3	16.2 N	J38	22P	2009 11 24.80782	23 09 27.17	-11 10 32.3	16.3 N	B56
22P	2009 11 18.86093	23 03 26.20	-11 57 29.2	16.3 N	J47	22P	2009 11 29.89179	23 14 53.14	-10 28 27.9	16.6 N	J47
22P	2009 11 18.86697	23 03 26.55	-11 57 26.9	16.6 N	J47	22P	2009 11 29.89381	23 14 53.38	-10 28 25.5	16.6 N	J47
22P	2009 11 18.87101	23 03 26.87	-11 57 26.3	16.2 N	945	29P/Schwassmann-Wachmann					
22P	2009 11 18.87302	23 03 26.91	-11 57 24.1	16.3 N	J47	29P	2009 10 15.18106	09 39 23.69	+13 41 35.5	16.2 N	C08
22P	2009 11 18.87601	23 03 27.09	-11 57 23.9	16.3 N	945	29P	2009 10 26.13146	09 44 26.20	+13 08 41.4	15.5 N	C10
22P	2009 11 18.89223	23 03 28.08	-11 57 15.5	16.3 N	945	29P	2009 10 26.13295	09 44 26.24	+13 08 41.3	15.5 N	C10
22P	2009 11 18.89521	23 03 28.12	-11 57 14.1	16.5 N	B74	29P	2009 10 26.13444	09 44 26.28	+13 08 40.8	15.5 N	C10
22P	2009 11 18.89950	23 03 28.39	-11 57 12.3	16.6 N	B74	29P	2009 10 30.13856	09 46 03.27	+12 57 36.4	15.3 N	J96
22P	2009 11 18.90520	23 03 28.74	-11 57 10.5	16.5 N	B74	29P	2009 10 30.14839	09 46 03.45	+12 57 34.7	15.3 N	J96
22P	2009 11 19.46924	23 04 01.98	-11 52 49.1	16.1 N	900	29P	2009 10 30.18966	09 46 04.39	+12 57 28.1	15.3 N	J96
22P	2009 11 19.47612	23 04 02.38	-11 52 45.8		900	29P	2009 10 30.79819	09 46 18.47	+12 55 50.8	13.2 T	349
22P	2009 11 19.82799	23 04 23.18	-11 50 02.7	17.2 N	215	29P	2009 10 30.80324	09 46 18.57	+12 55 49.9		349
22P	2009 11 19.82869	23 04 23.23	-11 50 02.3	17.1 N	215	29P	2009 10 30.81443	09 46 18.86	+12 55 47.9	15.2 T	372
22P	2009 11 19.82940	23 04 23.30	-11 50 01.6	17.2 N	215						

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29P	2009 10 31.50560	09 46 34.52	+12 53 57.7	16.0 N	H10	29P	2009 11 14.74178	09 51 03.21	+12 20 12.0	16.2 N	D95
29P	2009 10 31.50983	09 46 34.59	+12 53 57.4	16.0 N	H10	29P	2009 11 16.21722	09 51 24.69	+12 17 09.7	13.9 N	A77
29P	2009 10 31.77894	09 46 40.68	+12 53 14.7		D81	29P	2009 11 16.22069	09 51 24.72	+12 17 10.9	13.9 N	A77
29P	2009 10 31.78483	09 46 40.77	+12 53 13.8	14.6 T	D81	29P	2009 11 16.22383	09 51 24.77	+12 17 11.1	13.8 N	A77
29P	2009 11 01.22770	09 46 50.71	+12 52 04.9	15.4 T	442	29P	2009 11 16.25235	09 51 25.10	+12 17 07.5	14.6 N	J47
29P	2009 11 02.16302	09 47 11.29	+12 49 36.9	16.8 N	J40	29P	2009 11 16.25804	09 51 25.13	+12 17 07.3	15.8 N	J47
29P	2009 11 02.17484	09 47 11.52	+12 49 35.3	16.6 N	J40	29P	2009 11 16.26375	09 51 25.24	+12 17 06.4	14.6 N	J47
29P	2009 11 02.18548	09 47 11.79	+12 49 33.9	16.8 N	J40	29P	2009 11 16.46328	09 51 28.12	+12 16 42.2	14.5 N	H47
29P	2009 11 03.18485	09 47 33.17	+12 47 00.8	15.4 T	442	29P	2009 11 16.48207	09 51 28.34	+12 16 40.2	15.1 N	H47
29P	2009 11 03.18616	09 47 33.16	+12 46 57.5	15.4 T	442	29P	2009 11 16.48601	09 51 28.42	+12 16 39.7	15.1 N	H47
29P	2009 11 04.18405	09 47 54.17	+12 44 28.5	15.5 T	442	29P	2009 11 17.04346	09 51 36.15	+12 15 32.8	13.8 N	A77
29P	2009 11 04.18596	09 47 54.37	+12 44 29.5	15.5 T	442	29P	2009 11 17.09014	09 51 36.69	+12 15 27.4	14.0 N	A77
29P	2009 11 04.18719	09 47 54.46	+12 44 26.3	15.5 T	442	29P	2009 11 17.14652	09 51 37.55	+12 15 19.9	13.8 N	A77
29P	2009 11 05.18541	09 48 14.69	+12 41 58.1	15.6 T	442	29P	2009 11 17.18043	09 51 38.08	+12 15 16.9	14.7 T	442
29P	2009 11 05.18747	09 48 14.60	+12 41 59.2	15.6 T	442	29P	2009 11 17.18273	09 51 38.20	+12 15 16.0	14.7 T	442
29P	2009 11 06.19078	09 48 34.71	+12 39 31.7	15.8 T	442	29P	2009 11 17.18512	09 51 38.04	+12 15 17.0	14.5 T	442
29P	2009 11 06.19315	09 48 34.82	+12 39 30.7	15.8 T	442	29P	2009 11 17.18666	09 51 38.03	+12 15 15.7	14.5 T	442
29P	2009 11 08.08179	09 49 11.05	+12 34 59.1	15.8 N	939	29P	2009 11 17.19499	09 51 38.07	+12 15 15.1	14.6 N	A71
29P	2009 11 08.09199	09 49 11.22	+12 34 57.8	15.9 N	939	29P	2009 11 17.19528	09 51 38.08	+12 15 15.0	14.6 N	A71
29P	2009 11 08.10220	09 49 11.36	+12 34 55.8	15.8 N	939	29P	2009 11 17.19556	09 51 38.17	+12 15 15.1	14.6 N	A71
29P	2009 11 09.22663	09 49 31.94	+12 32 17.5	16.3 N	A77	29P	2009 11 17.19639	09 51 38.42	+12 15 15.6	14.4 N	A71
29P	2009 11 10.18387	09 49 49.04	+12 30 07.2	13.5 T	442	29P	2009 11 17.19667	09 51 38.08	+12 15 15.9	14.5 N	A71
29P	2009 11 10.18405	09 49 49.05	+12 30 06.1	13.5 T	442	29P	2009 11 17.19946	09 51 38.19	+12 15 13.8	13.7 N	A77
29P	2009 11 10.18571	09 49 49.17	+12 30 06.1	13.2 T	442	29P	2009 11 17.35278	09 51 40.29	+12 14 58.6	16.9 N	I10
29P	2009 11 11.71736	09 50 15.40	+12 26 39.9	14.1 T	372	29P	2009 11 17.35738	09 51 40.32	+12 14 58.3	16.9 N	I10
29P	2009 11 12.18126	09 50 23.03	+12 25 39.2	13.6 T	442	29P	2009 11 18.19000	09 51 51.26	+12 13 20.0	15.0 N	213
29P	2009 11 12.18244	09 50 23.04	+12 25 38.9	13.6 T	442	29P	2009 11 18.19019	09 51 51.29	+12 13 20.3	15.1 T	442
29P	2009 11 12.18404	09 50 23.03	+12 25 38.7	13.3 T	442	29P	2009 11 18.19142	09 51 51.30	+12 13 20.2	14.6 T	442
29P	2009 11 12.18548	09 50 23.08	+12 25 38.6	13.3 T	442	29P	2009 11 18.20935	09 51 51.51	+12 13 17.6	15.1 N	213
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29P	2009 11 12.18747	09 50 23.11	+12 25 38.3	13.8 T	442	29P	2009 11 19.13122	09 52 03.20	+12 11 32.9	14.5 N	A77
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29P	2009 11 12.22012	09 50 23.61	+12 25 33.6	13.6 N	J10	29P	2009 11 19.14585	09 52 03.39	+12 11 31.2	14.5 N	A77
29P	2009 11 12.22115	09 50 23.63	+12 25 33.8	13.6 N	J10	29P	2009 11 19.33959	09 52 05.87	+12 11 10.5	15.6 N	I10
29P	2009 11 12.22185	09 50 23.66	+12 25 33.1	13.3 N	A77	29P	2009 11 19.34128	09 52 05.75	+12 11 10.8	15.6 N	I10
29P	2009 11 12.26905	09 50 24.44	+12 25 28.0	13.7 N	J47	29P	2009 11 19.34595	09 52 05.91	+12 11 10.9	15.6 N	I10
29P	2009 11 12.27131	09 50 24.45	+12 25 27.6	13.7 N	J47	29P	2009 11 19.43397	09 52 07.04	+12 10 59.5	15.7 N	H47
29P	2009 11 13.06915	09 50 37.43	+12 23 43.5	13.9 N	213	29P	2009 11 19.46201	09 52 07.40	+12 10 55.7	15.8 N	H47
29P	2009 11 13.08531	09 50 37.67	+12 23 41.2	13.9 N	213	29P	2009 11 20.12903	09 52 15.26	+12 09 42.8	15.4 N	C10
29P	2009 11 13.10546	09 50 37.95	+12 23 38.7	13.9 N	213	29P	2009 11 20.14507	09 52 15.41	+12 09 40.6	15.4 N	C10
29P	2009 11 13.18541	09 50 39.25	+12 23 28.7	13.7 T	442	29P	2009 11 20.15252	09 52 15.48	+12 09 40.3	15.3 N	C10
29P	2009 11 13.18944	09 50 39.28	+12 23 27.8	13.7 T	442	29P	2009 11 20.16119	09 52 15.60	+12 09 39.3	15.3 N	C10
29P	2009 11 13.19138	09 50 39.36	+12 23 28.1	13.4 T	442	29P	2009 11 20.16561	09 52 15.67	+12 09 38.7	15.3 N	C10
29P	2009 11 13.20595	09 50 39.53	+12 23 26.1	13.9 N	J47	29P	2009 11 20.18387	09 52 16.02	+12 09 37.0	14.9 T	442
29P	2009 11 13.21717	09 50 39.71	+12 23 24.6	15.6 N	J47	29P	2009 11 20.18870	09 52 15.88	+12 09 35.9	14.9 T	442
29P	2009 11 13.22068	09 50 39.69	+12 23 23.1	13.5 N	A77	29P	2009 11 20.23613	09 52 16.54	+12 09 29.4	14.7 N	A77
29P	2009 11 13.22840	09 50 39.86	+12 23 23.2	13.9 N	J47	29P	2009 11 20.26113	09 52 16.93	+12 09 28.0	15.0 N	J47
29P	2009 11 14.17128	09 50 54.66	+12 21 23.3	14.6 N	J51	29P	2009 11 20.26420	09 52 16.93	+12 09 28.1	15.1 N	J47
29P	2009 11 14.17681	09 50 54.68	+12 21 22.6	14.6 N	J51	29P	2009 11 20.43481	09 52 18.98	+12 09 09.3	15.9 N	H47
29P	2009 11 14.18233	09 50 54.77	+12 21 21.8	14.6 N	J51	29P	2009 11 20.43914	09 52 18.98	+12 09 08.8	15.9 N	H47
29P	2009 11 14.73653	09 51 03.18	+12 20 11.7	16.0 N	D95	29P	2009 11 20.44330	09 52 19.01	+12 09 08.2	15.8 N	H47
29P	2009 11 14.73826	09 51 03.18	+12 20 11.7	16.0 N	D95	29P	2009 11 20.46338	09 52 19.21	+12 09 06.8	15.9 N	H47
29P	2009 11 14.74005	09 51 03.21	+12 20 12.0	16.2 N	D95	29P	2009 11 21.16975	09 52 27.33	+12 07 49.6	14.5 N	A77

29P	2009 11 21.18629	09 52 27.57	+12 07 48.0	15.0 N	A77	29P	2009 11 26.30939	09 53 16.40	+11 59 24.5	16.6 N	I10
29P	2009 11 21.20708	09 52 27.71	+12 07 46.3	15.1 N	A77	29P	2009 11 26.46613	09 53 17.67	+11 59 09.6	16.9 N	H47
29P	2009 11 21.24675	09 52 28.04	+12 07 42.9	15.3 N	J47	29P	2009 11 26.48248	09 53 17.87	+11 59 07.5	16.9 N	H47
29P	2009 11 21.25021	09 52 28.01	+12 07 42.5	15.8 N	J47	29P	2009 11 27.18377	09 53 23.13	+11 58 05.5	15.8 T	442
29P	2009 11 21.25373	09 52 28.06	+12 07 42.1	15.4 N	J47	29P	2009 11 27.18780	09 53 23.16	+11 58 04.6	15.6 T	442
29P	2009 11 21.78834	09 52 34.26	+12 06 44.1		900	29P	2009 11 27.42403	09 53 24.93	+11 57 44.2	16.7 N	H47
29P	2009 11 21.79200	09 52 34.24	+12 06 44.6	16.0 N	900	29P	2009 11 27.45196	09 53 25.12	+11 57 41.8	16.8 N	H47
29P	2009 11 22.08427	09 52 37.15	+12 06 14.5	14.8 N	A71	29P	2009 11 28.05274	09 53 29.37	+11 56 48.9	15.7 N	213
29P	2009 11 22.08715	09 52 37.15	+12 06 14.1	14.8 N	A71	29P	2009 11 28.05707	09 53 29.37	+11 56 50.0	15.8 N	213
29P	2009 11 22.09024	09 52 37.16	+12 06 13.6	14.8 N	A71	29P	2009 11 28.06139	09 53 29.35	+11 56 49.8	15.6 N	213
29P	2009 11 22.09313	09 52 37.18	+12 06 13.5	14.8 N	A71	29P	2009 11 28.09443	09 53 29.67	+11 56 45.6	15.8 N	232
29P	2009 11 22.17532	09 52 38.04	+12 06 04.8	16.5 N	215	29P	2009 11 28.10183	09 53 29.75	+11 56 44.5	15.9 N	232
29P	2009 11 22.17602	09 52 38.04	+12 06 04.7	16.7 N	215	29P	2009 11 28.10921	09 53 29.80	+11 56 43.9	15.8 N	232
29P	2009 11 22.17673	09 52 38.05	+12 06 04.6	16.5 N	215	29P	2009 11 28.18765	09 53 30.29	+11 56 37.6	15.3 N	A77
29P	2009 11 22.24459	09 52 38.73	+12 05 58.4	15.4 N	J47	29P	2009 11 28.28397	09 53 30.87	+11 56 29.7	16.2 N	J47
29P	2009 11 22.24540	09 52 38.77	+12 05 58.0	16.8 N	J47	29P	2009 11 29.21692	09 53 36.96	+11 55 11.5	16.1 N	J47
29P	2009 11 22.25100	09 52 38.84	+12 05 57.6	15.4 N	J47	29P	2009 11 29.22332	09 53 36.99	+11 55 10.8	16.0 N	J47
29P	2009 11 23.18631	09 52 48.18	+12 04 21.6	15.4 T	442	29P	2009 11 29.22811	09 53 37.02	+11 55 10.6	16.0 N	J47
29P	2009 11 23.18958	09 52 48.37	+12 04 21.6	15.3 T	442	29P	2009 11 29.23451	09 53 37.05	+11 55 10.0	16.0 N	J47
29P	2009 11 24.07083	09 52 56.98	+12 02 54.7	15.5 N	J38	29P	2009 11 29.24091	09 53 37.09	+11 55 09.5	16.1 N	J47
29P	2009 11 24.07227	09 52 56.98	+12 02 54.0	15.4 N	J38						
29P	2009 11 24.07372	09 52 57.05	+12 02 54.0	15.5 N	J38						
29P	2009 11 24.22693	09 52 58.43	+12 02 39.1	15.3 N	A77	30P	2009 10 15.14948	05 27 21.47	+13 44 40.0	17.1 N	C08
29P	2009 11 24.23397	09 52 58.48	+12 02 39.2	15.3 N	A77	30P	2009 10 26.08251	05 31 30.01	+13 27 13.6	17.2 N	130
29P	2009 11 24.26826	09 52 58.80	+12 02 37.8	15.6 N	J47	30P	2009 10 26.08452	05 31 30.08	+13 27 13.6	17.3 N	130
29P	2009 11 24.26991	09 52 58.69	+12 02 35.5	15.6 N	J47	30P	2009 10 26.08603	05 31 30.09	+13 27 13.3	17.4 N	130
29P	2009 11 25.15855	09 53 06.81	+12 01 09.5	14.6 N	A77	30P	2009 10 26.08855	05 31 30.13	+13 27 13.2	16.5 N	130
29P	2009 11 25.17104	09 53 06.87	+12 01 08.5	14.8 N	A77	30P	2009 10 31.30021	05 32 22.46	+13 19 17.7	18.2 N	H45
29P	2009 11 25.17912	09 53 06.98	+12 01 08.2	15.5 T	442	30P	2009 10 31.30411	05 32 22.45	+13 19 17.7	18.2 N	H45
29P	2009 11 25.18423	09 53 07.05	+12 01 07.5	15.5 T	442	30P	2009 10 31.30517	05 32 22.46	+13 19 17.6	18.2 N	H45
29P	2009 11 25.18924	09 53 06.97	+12 01 07.5	15.3 T	442	30P	2009 11 02.30512	05 32 30.37	+13 16 26.2	17.4 N	H45
29P	2009 11 25.23082	09 53 07.32	+12 01 03.5	15.8 N	J47	30P	2009 11 02.30961	05 32 30.36	+13 16 26.0	17.4 N	H45
29P	2009 11 25.23403	09 53 07.39	+12 01 03.0	15.8 N	J47	30P	2009 11 02.32189	05 32 30.36	+13 16 25.4	17.3 N	H45
29P	2009 11 25.23728	09 53 07.42	+12 01 02.7	15.8 N	J47	30P	2009 11 02.32528	05 32 30.35	+13 16 25.2	17.3 N	H45
29P	2009 11 25.24213	09 53 07.48	+12 01 02.1	15.8 N	J47	30P	2009 11 03.09792	05 32 31.54	+13 15 21.0	17.8 N	J47
29P	2009 11 25.29007	09 53 07.95	+12 00 59.0	17.1 N	I10	30P	2009 11 03.10436	05 32 31.50	+13 15 21.4	17.8 N	J47
29P	2009 11 25.29620	09 53 08.00	+12 00 58.5	17.0 N	I10	30P	2009 11 03.11080	05 32 31.47	+13 15 20.2	18.1 N	J47
29P	2009 11 25.44810	09 53 09.26	+12 00 42.8	16.8 N	H45	30P	2009 11 07.66122	05 32 17.69	+13 09 32.0	16.3 T	349
29P	2009 11 25.45004	09 53 09.26	+12 00 42.7	16.9 N	H45	30P	2009 11 07.68045	05 32 17.51	+13 09 30.8		349
29P	2009 11 25.45219	09 53 09.27	+12 00 42.4	16.9 N	H45	30P	2009 11 07.99149	05 32 15.23	+13 09 08.1	16.8 N	939
29P	2009 11 25.45409	09 53 09.28	+12 00 42.3	16.8 N	H45	30P	2009 11 08.00890	05 32 15.15	+13 09 06.9	17.0 N	939
29P	2009 11 25.45902	09 53 09.31	+12 00 41.9	16.9 N	H45	30P	2009 11 08.01472	05 32 15.13	+13 09 06.7	16.8 N	939
29P	2009 11 25.46058	09 53 09.32	+12 00 41.7	16.9 N	H45	30P	2009 11 09.00066	05 32 06.78	+13 07 59.6	17.6 N	987
29P	2009 11 25.47795	09 53 09.50	+12 00 40.2	16.6 N	H47	30P	2009 11 09.00530	05 32 06.74	+13 07 58.8	17.3 N	987
29P	2009 11 25.48705	09 53 09.54	+12 00 39.1	16.3 N	H47	30P	2009 11 09.00808	05 32 06.75	+13 07 58.4	17.6 N	987
29P	2009 11 25.49614	09 53 09.68	+12 00 39.7	16.6 N	H47	30P	2009 11 09.01036	05 32 06.42	+13 07 59.4	16.5 N	B18
29P	2009 11 26.18295	09 53 15.37	+11 59 34.9	15.7 T	442	30P	2009 11 09.01192	05 32 06.43	+13 07 59.7	16.7 N	B18
29P	2009 11 26.18799	09 53 15.39	+11 59 35.1	15.5 T	442	30P	2009 11 09.01347	05 32 06.39	+13 07 59.7	16.7 N	B18
29P	2009 11 26.19442	09 53 15.39	+11 59 33.2	15.3 N	A77	30P	2009 11 09.01736	05 32 06.36	+13 07 59.1	16.7 N	B18
29P	2009 11 26.30324	09 53 16.34	+11 59 25.1	16.7 N	I10	30P	2009 11 09.94265	05 31 57.28	+13 07 00.4	17.6 N	J28
29P	2009 11 26.30478	09 53 16.37	+11 59 25.0	16.6 N	I10	30P	2009 11 09.95057	05 31 57.16	+13 06 59.4	16.9 N	J28
29P	2009 11 26.30631	09 53 16.37	+11 59 24.8	16.6 N	I10	30P	2009 11 09.95317	05 31 57.12	+13 06 59.8	17.1 N	J40
29P	2009 11 26.30785	09 53 16.38	+11 59 24.7	16.6 N	I10	30P	2009 11 09.95638	05 31 57.05	+13 06 59.5	15.6 N	J40

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30P	2009 11 09.95850	05 31 57.09	+13 06 58.7	17.8 N	J28	30P	2009 11 19.30614	05 28 57.17	+13 00 14.0	17.7 T	704
30P	2009 11 09.95945	05 31 57.06	+13 06 58.3	17.4 N	J40	30P	2009 11 19.31855	05 28 56.68	+13 00 14.0	19.8 T	704
30P	2009 11 10.29655	05 31 52.91	+13 06 44.3	17.2 N	I10	30P	2009 11 19.33042	05 28 56.15	+13 00 13.8	16.2 N	H47
30P	2009 11 11.22034	05 31 41.19	+13 05 44.9	16.8 N	J47	30P	2009 11 19.33090	05 28 56.30	+13 00 13.0	20.2 T	704
30P	2009 11 11.88262	05 31 32.72	+13 05 06.5	17.6 N	J10	30P	2009 11 19.34255	05 28 55.76	+13 00 13.8	15.8 N	H47
30P	2009 11 11.89444	05 31 32.17	+13 05 03.9	17.0 N	J10	30P	2009 11 19.34325	05 28 55.96	+13 00 12.7	19.8 T	704
30P	2009 11 11.99594	05 31 30.74	+13 04 59.6	16.8 N	B49	30P	2009 11 19.35501	05 28 55.39	+13 00 13.1	15.8 N	H47
30P	2009 11 12.00176	05 31 30.65	+13 04 59.2	17.0 N	B49	30P	2009 11 19.35562	05 28 55.50	+13 00 12.7	18.7 T	704
30P	2009 11 12.00633	05 31 30.59	+13 04 58.9	17.1 N	B49	30P	2009 11 19.89920	05 28 40.54	+13 00 01.6	16.0 N	215
30P	2009 11 14.04356	05 30 56.98	+13 03 15.4	17.0 N	J51	30P	2009 11 19.89990	05 28 40.53	+13 00 01.5	15.9 N	215
30P	2009 11 14.05172	05 30 56.81	+13 03 15.0	16.8 N	J51	30P	2009 11 19.90061	05 28 40.53	+13 00 01.4	15.8 N	215
30P	2009 11 14.05988	05 30 56.65	+13 03 14.7	16.6 N	J51	30P	2009 11 20.21810	05 28 31.47	+13 00 04.8	16.9 N	I10
30P	2009 11 14.29038	05 30 52.37	+13 03 04.2		H10	30P	2009 11 20.23424	05 28 30.96	+13 00 02.9	16.8 N	I10
30P	2009 11 14.30581	05 30 52.07	+13 03 02.3		H10	30P	2009 11 20.24879	05 28 30.93	+12 59 56.8	17.7 T	704
30P	2009 11 14.32068	05 30 51.72	+13 03 01.9		H10	30P	2009 11 20.26119	05 28 30.33	+12 59 55.6	19.3 T	704
30P	2009 11 14.69655	05 30 44.51	+13 02 45.1		900	30P	2009 11 20.28579	05 28 29.73	+12 59 55.6	18.4 T	704
30P	2009 11 14.70154	05 30 44.40	+13 02 44.7	16.8 N	900	30P	2009 11 20.29808	05 28 29.01	+12 59 55.7	19.4 T	704
30P	2009 11 15.00839	05 30 38.50	+13 02 31.2	16.3 N	J31	30P	2009 11 21.29970	05 27 59.53	+12 59 41.9	15.8 N	H10
30P	2009 11 15.01722	05 30 38.30	+13 02 31.0	16.6 N	J31	30P	2009 11 21.31932	05 27 58.93	+12 59 41.8	15.9 N	H10
30P	2009 11 15.02172	05 30 38.32	+13 02 32.5	16.3 N	J51	30P	2009 11 21.33990	05 27 58.28	+12 59 41.6	15.8 N	H10
30P	2009 11 15.02566	05 30 38.13	+13 02 30.4	17.2 N	J31	30P	2009 11 22.04623	05 27 36.37	+12 59 35.6	16.2 N	945
30P	2009 11 15.02755	05 30 38.17	+13 02 31.4	17.3 N	J51	30P	2009 11 22.05247	05 27 36.00	+12 59 35.2	16.3 N	945
30P	2009 11 15.03338	05 30 38.07	+13 02 31.3	17.3 N	J51	30P	2009 11 22.05589	05 27 35.97	+12 59 35.6	16.3 N	945
30P	2009 11 15.03817	05 30 37.82	+13 02 29.8	16.7 N	213	30P	2009 11 22.05912	05 27 35.91	+12 59 35.4	16.3 N	945
30P	2009 11 15.04212	05 30 37.81	+13 02 29.8	16.6 N	213	30P	2009 11 22.06272	05 27 35.74	+12 59 35.4	16.3 N	945
30P	2009 11 15.04962	05 30 37.55	+13 02 29.5	16.6 N	213	30P	2009 11 22.07085	05 27 35.57	+12 59 35.3	16.6 N	J01
30P	2009 11 15.26344	05 30 33.41	+13 02 20.7		H10	30P	2009 11 22.07878	05 27 35.34	+12 59 35.4	16.5 N	J01
30P	2009 11 15.27804	05 30 33.09	+13 02 20.6		H10	30P	2009 11 22.09007	05 27 34.94	+12 59 34.8	16.1 N	J01
30P	2009 11 16.34815	05 30 10.00	+13 01 39.4	16.3 N	H47	30P	2009 11 22.11506	05 27 34.14	+12 59 36.7	16.7 N	J51
30P	2009 11 16.36674	05 30 09.55	+13 01 38.6	16.5 N	H47	30P	2009 11 22.12170	05 27 33.93	+12 59 36.7	16.7 N	J51
30P	2009 11 16.38321	05 30 09.12	+13 01 37.9	16.2 N	H47	30P	2009 11 22.12833	05 27 33.72	+12 59 36.7	16.8 N	J51
30P	2009 11 17.04807	05 29 54.11	+13 01 14.3	16.8 N	B74	30P	2009 11 22.57932	05 27 19.47	+12 59 33.1	16.2 N	400
30P	2009 11 17.05181	05 29 53.99	+13 01 14.1	16.4 N	B74	30P	2009 11 22.59059	05 27 19.08	+12 59 33.2	16.2 N	400
30P	2009 11 17.05554	05 29 53.88	+13 01 14.0	16.6 N	B74	30P	2009 11 22.60186	05 27 18.70	+12 59 33.1	16.2 N	400
30P	2009 11 17.06328	05 29 53.67	+13 01 15.0	16.6 N	213	30P	2009 11 23.01066	05 27 05.31	+12 59 33.6	17.0 N	J02
30P	2009 11 17.07065	05 29 53.50	+13 01 15.3	16.6 N	213	30P	2009 11 23.95572	05 26 33.54	+12 59 35.4	16.6 N	B49
30P	2009 11 17.07434	05 29 53.30	+13 01 13.6	16.5 N	213	30P	2009 11 23.95815	05 26 33.43	+12 59 35.9	17.0 N	B49
30P	2009 11 17.98794	05 29 31.48	+13 00 45.4	16.4 N	945	30P	2009 11 23.96099	05 26 33.42	+12 59 34.4	17.2 N	B49
30P	2009 11 17.99619	05 29 31.25	+13 00 45.3	16.3 N	945	30P	2009 11 23.96295	05 26 33.30	+12 59 35.3	16.3 N	B74
30P	2009 11 18.00494	05 29 31.04	+13 00 44.8	16.4 N	945	30P	2009 11 23.96422	05 26 33.23	+12 59 35.1	16.2 N	B74
30P	2009 11 18.00851	05 29 30.82	+13 00 44.7	16.4 N	945	30P	2009 11 24.11091	05 26 27.91	+12 59 36.2	16.3 N	J38
30P	2009 11 18.01561	05 29 30.74	+13 00 44.8	16.4 N	945	30P	2009 11 24.11234	05 26 27.85	+12 59 36.1	16.3 N	J38
30P	2009 11 18.01987	05 29 30.71	+13 00 44.4	17.3 N	J01	30P	2009 11 24.11377	05 26 27.80	+12 59 36.2	16.3 N	J38
30P	2009 11 18.02605	05 29 30.50	+13 00 44.1	17.4 N	J01	30P	2009 11 24.99065	05 25 57.18	+12 59 46.1	16.6 N	J51
30P	2009 11 18.03263	05 29 30.30	+13 00 44.5	17.7 N	J01	30P	2009 11 24.99837	05 25 56.89	+12 59 46.2	16.5 N	J51
30P	2009 11 19.04179	05 29 04.05	+13 00 18.8	16.4 N	945	30P	2009 11 25.00609	05 25 56.61	+12 59 46.3	16.4 N	J51
30P	2009 11 19.04589	05 29 03.92	+13 00 18.3	16.4 N	945	30P	2009 11 26.40290	05 25 04.63	+13 00 08.3	16.7 N	H45
30P	2009 11 19.04894	05 29 03.82	+13 00 18.1	16.3 N	945	30P	2009 11 26.40552	05 25 04.51	+13 00 08.5	16.7 N	H45
30P	2009 11 19.05461	05 29 03.66	+13 00 18.2	16.3 N	945	30P	2009 11 26.40658	05 25 04.48	+13 00 08.5	16.6 N	H45
30P	2009 11 19.06245	05 29 03.42	+13 00 17.7	16.2 N	945	30P	2009 11 26.40805	05 25 04.42	+13 00 08.6	16.7 N	H45
30P	2009 11 19.29898	05 28 56.99	+13 00 20.1	16.3 N	I10	30P	2009 11 26.41079	05 25 04.31	+13 00 08.7	16.8 N	H45
30P	2009 11 19.30052	05 28 56.94	+13 00 20.0	16.3 N	I10	30P	2009 11 26.41229	05 25 04.26	+13 00 08.7	16.8 N	H45
30P	2009 11 19.30205	05 28 56.91	+13 00 19.9	16.3 N	I10	30P	2009 11 27.30674	05 24 29.94	+13 00 30.9	15.7 N	H47

30P	2009 11 27.31466	05 24 29.61	+13 00 31.1	15.8 N	H47	43P	2009 11 03.79819	20 29 24.45	-01 40 52.9		160
30P	2009 11 27.31969	05 24 29.41	+13 00 31.3	16.0 N	H47	43P	2009 11 03.80092	20 29 24.45	-01 40 53.2		160
30P	2009 11 27.32444	05 24 29.20	+13 00 31.6	16.0 N	H47	43P	2009 11 03.80369	20 29 24.64	-01 40 52.7	17.7 N	160
30P	2009 11 27.36735	05 24 27.57	+13 00 32.3	15.1 T	G96	43P	2009 11 06.06842	20 31 03.50	-01 45 51.4	18.6 T	704
30P	2009 11 27.37274	05 24 27.36	+13 00 32.4	15.2 T	G96	43P	2009 11 06.08184	20 31 04.07	-01 45 53.5	18.9 T	704
30P	2009 11 27.37795	05 24 27.18	+13 00 32.5	15.2 T	G96	43P	2009 11 06.09530	20 31 04.62	-01 45 54.7	19.3 T	704
30P	2009 11 27.38322	05 24 26.96	+13 00 32.6	15.3 T	G96	43P	2009 11 06.10871	20 31 05.22	-01 45 57.2	19.0 T	704
30P	2009 11 27.38857	05 24 26.67	+13 00 33.0	15.2 T	G96	43P	2009 11 06.12224	20 31 05.84	-01 45 58.1	18.8 T	704
30P	2009 11 28.00580	05 24 02.41	+13 00 50.4	15.9 N	945	43P	2009 11 08.07331	20 32 36.24	-01 49 46.7	17.1 T	703
30P	2009 11 28.00889	05 24 02.29	+13 00 50.4	16.0 N	945	43P	2009 11 08.07998	20 32 36.52	-01 49 48.1	17.1 T	703
30P	2009 11 28.03003	05 24 01.43	+13 00 51.3	15.9 N	945	43P	2009 11 08.08668	20 32 36.78	-01 49 48.1	17.1 T	703
30P	2009 11 28.03275	05 24 01.29	+13 00 51.4	16.0 N	945	43P	2009 11 08.09330	20 32 37.06	-01 49 49.5	17.0 T	703
30P	2009 11 28.03559	05 24 01.17	+13 00 52.0	16.0 N	945	43P	2009 11 10.02777	20 34 11.05	-01 53 05.8	18.3 N	110
30P	2009 11 28.06374	05 23 59.99	+13 00 52.4	16.1 N	232	43P	2009 11 10.02933	20 34 11.11	-01 53 06.0	18.3 N	110
30P	2009 11 28.07115	05 23 59.69	+13 00 52.8	16.1 N	232	43P	2009 11 10.03088	20 34 11.22	-01 53 05.9	18.0 N	110
30P	2009 11 28.07853	05 23 59.38	+13 00 52.9	16.1 N	232	43P	2009 11 11.74393	20 35 38.33	-01 55 43.8	18.0 N	160
30P	2009 11 28.35618	05 23 48.17	+13 01 02.9	16.7 N	H45	43P	2009 11 11.74660	20 35 38.44	-01 55 44.4	18.1 N	160
30P	2009 11 28.35801	05 23 48.08	+13 01 02.9	16.8 N	H45	43P	2009 11 11.74928	20 35 38.60	-01 55 44.2	17.9 N	160
30P	2009 11 28.36001	05 23 48.00	+13 01 03.0	16.8 N	H45	43P	2009 11 11.79558	20 35 40.96	-01 55 48.2	17.6 N	204
30P	2009 11 28.36850	05 23 47.64	+13 01 03.2	16.8 N	H45	43P	2009 11 11.88038	20 35 45.33	-01 55 55.7		204
30P	2009 11 28.37128	05 23 47.54	+13 01 03.2	16.8 N	H45	43P	2009 11 12.84145	20 36 35.81	-01 57 11.3	17.6 N	J47
30P	2009 11 28.37299	05 23 47.45	+13 01 03.3	16.7 N	H45	43P	2009 11 12.84625	20 36 36.09	-01 57 11.1	17.6 N	J47
31P/Schwassmann-Wachmann						43P	2009 11 12.85191	20 36 36.37	-01 57 11.5	17.6 N	J47
31P	2009 11 12.02445	06 00 33.14	+20 09 01.8	18.8 N	204	43P	2009 11 15.45819	20 38 58.71	-02 00 03.4	17.1 T	349
31P	2009 11 12.17612	06 00 30.00	+20 09 02.5		204	43P	2009 11 15.48438	20 39 00.10	-02 00 03.8		349
31P	2009 11 18.32177	05 58 08.08	+20 09 51.7	19.3 T	704	43P	2009 11 15.84446	20 39 20.37	-02 00 25.0	17.6 N	J47
31P	2009 11 18.33410	05 58 07.80	+20 09 51.4	20.1 T	704	43P	2009 11 15.85072	20 39 20.76	-02 00 25.8	17.4 N	J47
31P	2009 11 18.35918	05 58 07.06	+20 09 53.2	19.8 T	704	43P	2009 11 15.85573	20 39 21.08	-02 00 25.7	17.4 N	J47
31P	2009 11 18.37155	05 58 06.63	+20 09 52.7	19.6 T	704	43P	2009 11 19.81012	20 43 13.22	-02 02 59.1	17.9 T	215
31P	2009 11 21.31619	05 56 44.37	+20 10 26.6	19.7 T	704	43P	2009 11 19.81083	20 43 13.26	-02 02 59.2	18.0 T	215
31P	2009 11 21.32839	05 56 43.96	+20 10 26.5	19.8 T	704	43P	2009 11 19.81153	20 43 13.30	-02 02 59.1	17.8 T	215
31P	2009 11 21.34062	05 56 43.53	+20 10 26.5	20.1 T	704	43P	2009 11 19.84517	20 43 15.40	-02 02 59.3	17.4 N	J47
31P	2009 11 21.68190	05 56 33.38	+20 10 32.0	18.6 T	349	43P	2009 11 19.85349	20 43 15.79	-02 02 58.9	18.4 N	J47
31P	2009 11 21.68551	05 56 33.21	+20 10 32.4		349	43P	2009 11 19.86177	20 43 16.28	-02 02 59.3	17.6 N	J47
31P	2009 11 23.70675	05 55 30.97	+20 10 59.8	18.5 T	349	43P	2009 11 22.78705	20 46 19.17	-02 03 34.5	17.0 N	B74
31P	2009 11 23.71395	05 55 30.75	+20 10 59.8		349	43P	2009 11 22.79067	20 46 19.39	-02 03 34.2	16.7 N	B74
31P	2009 11 23.72118	05 55 30.52	+20 10 59.9		349	43P	2009 11 22.79550	20 46 19.67	-02 03 33.9	17.3 N	B74
31P	2009 11 24.40671	05 55 08.53	+20 11 11.2	19.5 T	691	43P	2009 11 25.40966	20 49 10.44	-02 03 10.2	16.7 N	D92
31P	2009 11 24.42450	05 55 07.93	+20 11 11.5	19.6 T	691	43P	2009 11 25.41205	20 49 10.54	-02 03 10.1	18.0 N	D92
31P	2009 11 24.44230	05 55 07.35	+20 11 11.6	19.6 T	691	43P	2009 11 25.42437	20 49 11.36	-02 03 10.6	17.6 N	D92
43P/Wolf-Harrington						43P	2009 11 28.06682	20 52 11.09	-02 01 51.8		H06
43P	2009 09 15.93788	20 23 11.03	+01 58 07.8	17.7 N	C08	43P	2009 11 28.07054	20 52 11.31	-02 01 51.9		H06
43P	2009 09 15.94362	20 23 10.84	+01 58 06.3	17.2 N	C08	43P	2009 11 28.07425	20 52 11.54	-02 01 51.7	17.5 T	H06
43P	2009 10 30.77216	20 26 44.87	-01 30 33.9	18.7 N	B81	43P	2009 11 28.83266	20 53 04.34	-02 01 18.3	17.0 N	J47
43P	2009 10 30.84730	20 26 47.66	-01 30 44.3	18.3 N	J47	43P	2009 11 28.84354	20 53 05.16	-02 01 18.3	17.3 N	J47
43P	2009 10 30.85840	20 26 48.02	-01 30 47.5	18.2 N	J47	43P	2009 11 28.85297	20 53 05.80	-02 01 18.6	17.3 N	J47
43P	2009 10 30.88425	20 26 48.97	-01 30 52.3	17.7 N	J47	43P	2009 11 29.82615	20 54 14.36	-02 00 31.0	17.3 N	J47
43P	2009 11 02.84331	20 28 44.74	-01 38 34.0	17.9 N	J47	43P	2009 11 29.83711	20 54 15.16	-02 00 30.3	17.4 N	J47
43P	2009 11 02.84933	20 28 44.98	-01 38 34.9	18.1 N	J47	43P	2009 11 29.84341	20 54 15.60	-02 00 29.4	17.2 N	J47
43P	2009 11 02.85536	20 28 45.26	-01 38 35.4	18.0 N	J47	47P/Ashbrook-Jackson					
43P	2009 11 03.42803	20 29 08.85	-01 39 59.0	17.4 T	349	47P	2009 09 16.00314	03 55 29.26	+32 17 11.7	19.1 N	C08
43P	2009 11 03.43253	20 29 09.07	-01 39 59.9		349	47P	2009 09 16.00936	03 55 29.48	+32 17 14.2	19.2 N	C08

47P	2009 10 15.12338	03 52 23.83	+34 51 06.5	18.3 N	C08
47P	2009 10 30.96573	03 42 05.06	+35 35 36.9	17.4 N	212
47P	2009 10 31.26197	03 41 50.78	+35 36 07.2	18.7 N	H45
47P	2009 10 31.26593	03 41 50.76	+35 36 07.3	18.8 N	H45
47P	2009 10 31.27078	03 41 50.37	+35 36 07.3	18.7 N	H45
47P	2009 10 31.27263	03 41 50.26	+35 36 07.5	18.8 N	H45
47P	2009 10 31.27782	03 41 50.01	+35 36 07.5	18.9 N	H45
47P	2009 10 31.29144	03 41 49.37	+35 36 09.1	18.8 N	H45
47P	2009 11 05.71038	03 37 17.65	+35 42 10.6	17.3 T	349
47P	2009 11 05.71487	03 37 17.40	+35 42 10.7		349
47P	2009 11 05.71934	03 37 17.18	+35 42 10.7		349
47P	2009 11 09.94641	03 33 33.50	+35 43 30.4	18.1 N	B74
47P	2009 11 09.95484	03 33 33.07	+35 43 30.9	18.0 N	B74
47P	2009 11 09.96221	03 33 32.70	+35 43 31.2	17.7 N	B74
47P	2009 11 10.27601	03 33 15.65	+35 43 33.3	18.4 N	I10
47P	2009 11 10.27752	03 33 15.51	+35 43 33.1	18.2 N	I10
47P	2009 11 10.27907	03 33 15.47	+35 43 33.3	18.4 N	I10
47P	2009 11 10.41800	03 33 07.77	+35 43 28.1	17.1 T	703
47P	2009 11 10.42473	03 33 07.41	+35 43 28.4	17.2 T	703
47P	2009 11 10.43141	03 33 07.02	+35 43 28.0	17.1 T	703
47P	2009 11 10.43823	03 33 06.76	+35 43 27.5	16.9 T	703
47P	2009 11 10.87545	03 32 43.58	+35 43 24.8	18.4 N	J28
47P	2009 11 10.88252	03 32 43.20	+35 43 24.8	17.9 N	J28
47P	2009 11 10.88959	03 32 42.82	+35 43 24.8	18.1 N	J28
47P	2009 11 11.00433	03 32 36.57	+35 43 24.0	17.6 N	B75
47P	2009 11 11.00937	03 32 35.89	+35 43 22.2	16.1 N	B75
47P	2009 11 11.93372	03 31 46.07	+35 43 06.4	18.3 N	B49
47P	2009 11 11.93573	03 31 45.97	+35 43 06.4	18.3 N	B49
47P	2009 11 11.93936	03 31 45.80	+35 43 06.0	18.1 N	B49
47P	2009 11 11.94642	03 31 45.39	+35 43 07.6	17.6 N	B75
47P	2009 11 11.94901	03 31 45.49	+35 43 09.2	17.6 N	B75
47P	2009 11 14.67462	03 29 16.52	+35 41 31.3	17.7 T	900
47P	2009 11 14.68175	03 29 16.19	+35 41 31.3		900
47P	2009 11 16.95915	03 27 12.06	+35 39 16.8	17.8 N	213
47P	2009 11 16.99190	03 27 10.23	+35 39 14.6	17.7 N	213
47P	2009 11 17.01921	03 27 08.69	+35 39 12.2	17.8 N	213
47P	2009 11 19.01764	03 25 20.30	+35 36 34.3	17.9 N	J38
47P	2009 11 19.02082	03 25 20.14	+35 36 34.2	17.8 N	J38
47P	2009 11 19.03351	03 25 19.41	+35 36 32.8	17.8 N	J38
47P	2009 11 19.57805	03 24 50.13	+35 35 44.5	18.0 T	900
47P	2009 11 19.58653	03 24 49.61	+35 35 43.7		900
47P	2009 11 23.25204	03 21 34.74	+35 29 07.4	18.6 T	704
47P	2009 11 23.26455	03 21 34.03	+35 29 05.9	19.0 T	704
47P	2009 11 23.27707	03 21 33.34	+35 29 04.2	19.1 T	704
47P	2009 11 23.30210	03 21 31.96	+35 29 01.7	18.8 T	704
47P	2009 11 23.90138	03 21 00.96	+35 27 45.0	17.5 N	B49
47P	2009 11 23.90861	03 21 00.55	+35 27 44.2	17.4 N	B49
47P	2009 11 23.91464	03 21 00.57	+35 27 44.4	18.1 N	B49

54P/de Vico-Swift-NEAT

54P	2009 11 08.12528	21 57 03.10	-13 16 07.8	20.1 N	I10
54P	2009 11 08.13395	21 57 03.44	-13 16 02.9	20.5 N	I10
54P	2009 11 10.10902	21 59 12.23	-12 58 15.6	19.2 N	I10

57P/du Toit-Neujmin-Delporte

57P	2009 10 23.37779	03 46 23.40	+17 10 15.1	21.5 T	691
57P	2009 10 23.39504	03 46 22.60	+17 10 09.5	21.5 T	691
57P	2009 10 23.41223	03 46 21.78	+17 10 04.9	21.3 T	691
57P	2009 11 16.30026	03 25 02.89	+15 39 30.8	20.9 T	G96
57P	2009 11 16.30620	03 25 02.56	+15 39 29.5	20.5 T	G96
57P	2009 11 16.31226	03 25 02.20	+15 39 27.6	21.1 T	G96
57P	2009 11 16.31810	03 25 01.92	+15 39 26.8	20.7 T	G96
57P	2009 11 16.41619	03 24 56.30	+15 39 04.1	20.9 T	G96
57P	2009 11 16.42263	03 24 55.98	+15 39 02.9	21.1 T	G96
57P	2009 11 16.42917	03 24 55.65	+15 39 01.3	20.9 T	G96
57P	2009 11 16.43571	03 24 55.26	+15 39 00.0	21.5 T	G96
57P	2009 11 23.27718	03 18 50.25	+15 14 14.1	20.5 T	G96
57P	2009 11 23.28301	03 18 50.00	+15 14 13.2	20.5 T	G96
57P	2009 11 23.28881	03 18 49.64	+15 14 12.1	21.1 T	G96
57P	2009 11 23.29466	03 18 49.28	+15 14 10.8	21.0 T	G96
57P	2009 11 24.32920	03 17 56.50	+15 10 38.3	20.8 T	G96
57P	2009 11 24.33523	03 17 56.14	+15 10 37.3	21.2 T	G96
57P	2009 11 24.34123	03 17 55.86	+15 10 35.9	21.0 T	G96
57P	2009 11 24.34707	03 17 55.53	+15 10 34.6	20.3 T	G96

59P/Kearns-Kwee

59P	2009 10 19.19269	10 41 53.27	+06 29 22.4	20.8 N	A77
59P	2009 11 21.15458	11 17 50.21	+01 26 00.4	19.4 N	A79
59P	2009 11 21.16067	11 17 50.55	+01 25 56.6	19.1 N	A79
59P	2009 11 21.16683	11 17 50.87	+01 25 54.4	19.6 N	A79

64P/Swift-Gehrels

64P	2009 10 30.80834	09 48 34.53	+13 43 08.4	17.6 N	372
64P	2009 11 03.13218	09 52 28.92	+13 12 19.2		204
64P	2009 11 03.20273	09 52 33.61	+13 11 41.6	18.0 N	204
64P	2009 11 05.75910	09 55 23.29	+12 48 38.8	15.9 T	349
64P	2009 11 05.76362	09 55 23.55	+12 48 36.9		349
64P	2009 11 05.76814	09 55 23.87	+12 48 34.3		349
64P	2009 11 15.43633	10 04 39.10	+11 26 59.8	18.2 T	703
64P	2009 11 15.44244	10 04 39.32	+11 26 58.0	16.6 T	703
64P	2009 11 15.44851	10 04 39.72	+11 26 54.0	17.0 T	703
64P	2009 11 15.45455	10 04 39.97	+11 26 51.4	18.1 T	703
64P	2009 11 15.46997	10 04 40.60	+11 26 43.1	18.0 T	H10
64P	2009 11 15.47454	10 04 41.00	+11 26 39.4	18.2 T	H10
64P	2009 11 15.47928	10 04 41.15	+11 26 38.0	18.3 T	H10
64P	2009 11 15.48402	10 04 41.38	+11 26 39.5	17.8 T	H10
64P	2009 11 16.40253	10 05 26.88	+11 19 22.7		H06
64P	2009 11 16.40811	10 05 27.16	+11 19 20.2	16.1 T	H06
64P	2009 11 16.49744	10 05 31.34	+11 18 38.4	16.8 T	G96
64P	2009 11 16.50522	10 05 31.74	+11 18 35.3	17.2 T	G96
64P	2009 11 16.51296	10 05 32.10	+11 18 31.4	16.9 T	G96
64P	2009 11 16.52076	10 05 32.46	+11 18 28.2	16.3 T	G96
64P	2009 11 17.44681	10 06 16.88	+11 11 15.5	19.1 T	704
64P	2009 11 17.45925	10 06 17.41	+11 11 10.9	19.7 T	704
64P	2009 11 17.47170	10 06 18.06	+11 11 03.8	19.6 T	704
64P	2009 11 17.48413	10 06 18.61	+11 10 59.1	19.6 T	704
64P	2009 11 17.49658	10 06 19.12	+11 10 52.7	19.5 T	704
64P	2009 11 24.51122	10 11 09.83	+10 19 42.3	17.1 T	683

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2009 DEC. 2

64P	2009 11 24.52481	10 11 10.26	+10 19 37.8	17.1 T	683
64P	2009 11 24.53837	10 11 10.82	+10 19 32.5	17.5 T	683
64P	2009 11 27.47423	10 12 49.10	+09 59 54.5	17.6 T	G96
64P	2009 11 27.47987	10 12 49.24	+09 59 52.1	17.6 T	G96
64P	2009 11 27.48542	10 12 49.42	+09 59 50.2	17.6 T	G96
64P	2009 11 27.49098	10 12 49.60	+09 59 48.1	17.7 T	G96
64P	2009 11 27.49662	10 12 49.75	+09 59 45.4	17.4 T	G96

68P/Klemola

68P	2009 11 10.28790	05 09 46.62	+08 07 25.1	19.8 N	I10
68P	2009 11 11.99983	05 08 33.69	+08 01 14.6		204
68P	2009 11 12.15131	05 08 26.94	+08 00 43.3	19.3 N	204
68P	2009 11 13.01253	05 07 49.40	+07 57 43.8	19.5 N	213
68P	2009 11 13.02028	05 07 49.02	+07 57 42.3	19.5 N	213
68P	2009 11 13.02493	05 07 48.81	+07 57 41.3	19.5 N	213
68P	2009 11 21.62514	05 01 04.36	+07 31 19.2	19.5 T	349
68P	2009 11 21.63376	05 01 03.89	+07 31 17.4		349

81P/Wild

81P	2009 09 16.05880	08 15 45.51	+18 13 17.1	15.6 N	C08
81P	2009 09 16.06225	08 15 46.02	+18 13 15.3	15.8 N	C08
81P	2009 09 16.06556	08 15 46.39	+18 13 14.4	15.7 N	C08
81P	2009 10 08.49279	09 03 52.51	+15 24 15.5		H10
81P	2009 10 08.49569	09 03 52.88	+15 24 14.0		H10
81P	2009 10 08.49791	09 03 53.11	+15 24 12.4	13.6 T	H10
81P	2009 10 15.17821	09 18 23.16	+14 24 24.6	14.9 N	C08
81P	2009 10 17.85183	09 24 12.61	+13 59 26.8		D25
81P	2009 10 17.85380	09 24 12.80	+13 59 25.4		D25
81P	2009 10 17.85557	09 24 13.12	+13 59 25.0	12.1 T	D25
81P	2009 10 30.14083	09 51 05.80	+11 56 34.0	13.6 N	J96
81P	2009 10 30.15172	09 51 07.21	+11 56 27.0	13.6 N	J96
81P	2009 10 30.19175	09 51 12.45	+11 56 02.4	13.6 N	J96
81P	2009 10 31.46907	09 54 00.84	+11 42 36.6	14.2 N	H10
81P	2009 10 31.48148	09 54 02.44	+11 42 29.0	14.2 N	H10
81P	2009 10 31.49045	09 54 03.64	+11 42 23.2	14.2 N	H10
81P	2009 11 01.46910	09 56 12.71	+11 32 00.6	14.3 N	H47
81P	2009 11 01.47284	09 56 13.21	+11 31 58.2	14.3 N	H47
81P	2009 11 01.47463	09 56 13.43	+11 31 57.0	14.2 N	H47
81P	2009 11 01.47716	09 56 13.76	+11 31 55.2	14.3 N	H47
81P	2009 11 02.46733	09 58 24.54	+11 21 20.7	14.4 N	H10
81P	2009 11 02.47316	09 58 25.28	+11 21 16.7	14.4 N	H10
81P	2009 11 02.48044	09 58 26.21	+11 21 12.1	14.4 N	H10
81P	2009 11 03.44054	10 00 33.07	+11 10 52.9	14.4 N	H10
81P	2009 11 03.44638	10 00 33.89	+11 10 49.0	14.4 N	H10
81P	2009 11 03.45366	10 00 34.84	+11 10 44.5	14.4 N	H10
81P	2009 11 08.10990	10 10 50.95	+10 19 48.4	14.0 N	939
81P	2009 11 08.11304	10 10 51.37	+10 19 46.3	14.0 N	939
81P	2009 11 08.11619	10 10 51.79	+10 19 44.4	14.0 N	939
81P	2009 11 13.11502	10 21 55.11	+09 23 33.9	15.2 T	071
81P	2009 11 13.11780	10 21 55.47	+09 23 32.1	15.1 T	071
81P	2009 11 13.11919	10 21 55.70	+09 23 30.9	15.4 T	071
81P	2009 11 13.12058	10 21 55.88	+09 23 29.9	15.7 T	071
81P	2009 11 13.12197	10 21 56.05	+09 23 29.0	15.6 T	071
81P	2009 11 13.12336	10 21 56.22	+09 23 28.1	15.7 T	071

81P	2009 11 13.12475	10 21 56.42	+09 23 27.1	15.7 T	071
81P	2009 11 13.12613	10 21 56.60	+09 23 26.2	15.4 T	071
81P	2009 11 13.23435	10 22 10.94	+09 22 13.0	14.1 N	J47
81P	2009 11 13.24259	10 22 12.03	+09 22 07.5	15.6 N	J47
81P	2009 11 13.25427	10 22 13.58	+09 21 59.3	14.1 N	J47
81P	2009 11 14.10863	10 24 07.19	+09 12 14.1	14.9 N	B58
81P	2009 11 14.11675	10 24 08.25	+09 12 08.5		B58
81P	2009 11 14.12487	10 24 09.28	+09 12 02.5		B58
81P	2009 11 14.21504	10 24 21.34	+09 11 02.2	14.2 N	J51
81P	2009 11 14.23569	10 24 24.06	+09 10 48.0	14.3 N	J51
81P	2009 11 14.25634	10 24 26.76	+09 10 33.9	14.4 N	J51
81P	2009 11 14.26644	10 24 28.07	+09 10 26.4	14.2 N	J47
81P	2009 11 14.26845	10 24 28.33	+09 10 25.0	14.2 N	J47
81P	2009 11 14.27389	10 24 29.05	+09 10 21.4	14.1 N	J47
81P	2009 11 15.43179	10 27 03.18	+08 57 04.9		H10
81P	2009 11 15.44652	10 27 05.11	+08 56 54.7		H10
81P	2009 11 15.46344	10 27 07.35	+08 56 43.0		H10
81P	2009 11 15.49295	10 27 11.22	+08 56 22.3	13.6 T	H10
81P	2009 11 15.49784	10 27 11.84	+08 56 19.7	13.6 T	H10
81P	2009 11 15.50476	10 27 12.77	+08 56 15.2	13.6 T	H10
81P	2009 11 15.50947	10 27 13.41	+08 56 11.8	13.6 T	H10
81P	2009 11 15.51407	10 27 13.99	+08 56 08.6	13.6 T	H10
81P	2009 11 16.26686	10 28 54.10	+08 47 28.3	13.9 N	J47
81P	2009 11 16.26915	10 28 54.40	+08 47 26.4	15.0 N	J47
81P	2009 11 16.27485	10 28 55.14	+08 47 22.4	13.9 N	J47
81P	2009 11 16.44880	10 29 18.39	+08 45 22.4	14.1 N	H47
81P	2009 11 16.45083	10 29 18.66	+08 45 21.2	13.9 N	H47
81P	2009 11 16.45275	10 29 18.92	+08 45 19.9	13.9 N	H47
81P	2009 11 16.45460	10 29 19.13	+08 45 18.2	14.0 N	H47
81P	2009 11 17.18914	10 30 56.79	+08 36 47.2	14.0 N	A71
81P	2009 11 17.18970	10 30 56.85	+08 36 46.7	14.1 N	A71
81P	2009 11 17.19036	10 30 56.97	+08 36 46.0	14.0 N	A71
81P	2009 11 17.19091	10 30 57.05	+08 36 46.0	14.1 N	A71
81P	2009 11 17.19147	10 30 57.08	+08 36 45.4	14.1 N	A71
81P	2009 11 17.19720	10 30 58.06	+08 36 42.3	13.7 N	B74
81P	2009 11 17.19979	10 30 58.37	+08 36 40.4	13.8 N	B74
81P	2009 11 17.20233	10 30 58.71	+08 36 38.6	13.8 N	B74
81P	2009 11 17.44967	10 31 31.24	+08 33 51.4	17.5 T	704
81P	2009 11 17.45650	10 31 32.51	+08 33 43.3	14.2 N	H47
81P	2009 11 17.46173	10 31 33.17	+08 33 39.8	14.2 N	H47
81P	2009 11 17.46210	10 31 33.18	+08 33 41.3	17.4 T	704
81P	2009 11 17.46701	10 31 33.88	+08 33 36.5	13.5 N	H47
81P	2009 11 17.47456	10 31 34.89	+08 33 30.5	17.6 T	704
81P	2009 11 17.48698	10 31 36.60	+08 33 23.3	17.4 T	704
81P	2009 11 17.49943	10 31 38.56	+08 33 16.6		704
81P	2009 11 18.24507	10 33 17.37	+08 24 33.2	14.1 N	213
81P	2009 11 18.24632	10 33 17.52	+08 24 32.2	14.1 N	213
81P	2009 11 18.24757	10 33 17.69	+08 24 31.5	14.1 N	213
81P	2009 11 19.16191	10 35 19.52	+08 13 49.1	13.0 N	A77
81P	2009 11 19.16643	10 35 20.11	+08 13 46.7	11.7 N	A77
81P	2009 11 19.17016	10 35 20.73	+08 13 42.1	12.0 N	A77
81P	2009 11 19.35416	10 35 45.21	+08 11 43.8	14.2 N	I10
81P	2009 11 19.35572	10 35 45.42	+08 11 42.4	14.2 N	I10

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81P	2009 11 19.35726	10 35 45.63	+08 11 41.4	14.2 N	I10	81P	2009 11 27.47471	10 53 48.12	+06 35 44.7	14.4 N	H47
81P	2009 11 19.44286	10 35 57.01	+08 10 37.2	14.2 N	H47	81P	2009 11 28.10289	10 55 12.15	+06 28 12.8	14.0 N	213
81P	2009 11 19.44922	10 35 57.88	+08 10 32.9	14.3 N	H47	81P	2009 11 28.10407	10 55 12.41	+06 28 12.4	13.9 N	213
81P	2009 11 19.45605	10 35 58.78	+08 10 28.4	14.3 N	H47	81P	2009 11 28.10525	10 55 12.58	+06 28 11.8	13.9 N	213
81P	2009 11 20.41522	10 38 06.58	+07 59 14.7	13.9 N	850	81P	2009 11 28.18508	10 55 23.14	+06 27 13.9	14.6 N	J01
81P	2009 11 20.43022	10 38 08.52	+07 59 04.3	14.5 N	850	81P	2009 11 28.18740	10 55 23.50	+06 27 12.3	14.6 N	J01
81P	2009 11 20.44521	10 38 10.52	+07 58 53.7	14.6 N	850	81P	2009 11 28.19088	10 55 23.87	+06 27 10.2	14.5 N	J01
81P	2009 11 20.44991	10 38 11.15	+07 58 50.9	14.2 N	H47	81P	2009 11 28.42095	10 55 54.74	+06 24 26.4	13.0 N	H10
81P	2009 11 20.45727	10 38 12.08	+07 58 46.1	14.2 N	H47	81P	2009 11 28.44449	10 55 57.83	+06 24 09.5	13.0 N	H10
81P	2009 11 21.07210	10 39 34.09	+07 51 31.3	15.0 T	583	88P/Howell					
81P	2009 11 21.07330	10 39 34.27	+07 51 30.8	14.8 T	583	88P	2009 10 31.37735	18 07 16.31	-26 45 32.2	11.5 T	349
81P	2009 11 21.12168	10 39 40.64	+07 50 56.5	15.0 T	583	88P	2009 10 31.37837	18 07 16.52	-26 45 31.9		349
81P	2009 11 21.13440	10 39 42.35	+07 50 48.3	13.0 N	A79	88P	2009 10 31.37938	18 07 16.75	-26 45 31.8		349
81P	2009 11 21.13813	10 39 42.83	+07 50 45.5	13.0 N	A79	88P	2009 11 05.71309	18 28 15.99	-26 39 45.3	13.0 N	A71
81P	2009 11 21.14096	10 39 43.20	+07 50 43.4	13.1 N	A79	88P	2009 11 05.71393	18 28 16.16	-26 39 46.3	13.0 N	A71
81P	2009 11 21.14406	10 39 43.64	+07 50 41.2	13.1 N	A79	88P	2009 11 05.71451	18 28 16.32	-26 39 46.1	13.0 N	A71
81P	2009 11 21.82048	10 41 13.81	+07 42 45.1		900	88P	2009 11 05.71536	18 28 16.52	-26 39 46.0	13.0 N	A71
81P	2009 11 21.82414	10 41 14.29	+07 42 42.5	14.0 N	900	88P	2009 11 06.01270	18 29 26.48	-26 39 01.3	14.6 N	I10
81P	2009 11 21.83990	10 41 16.37	+07 42 31.7		367	88P	2009 11 06.02258	18 29 28.76	-26 39 00.0	14.7 N	I10
81P	2009 11 21.84339	10 41 16.83	+07 42 29.3	12.3 T	367	88P	2009 11 07.35150	18 34 42.24	-26 35 43.2	12.0 T	349
81P	2009 11 22.18698	10 42 02.61	+07 38 25.3	14.4 N	215	88P	2009 11 07.35455	18 34 42.85	-26 35 42.0		349
81P	2009 11 22.18768	10 42 02.70	+07 38 24.8	14.5 N	215	88P	2009 11 07.39609	18 34 52.58	-26 35 35.8		352
81P	2009 11 22.18839	10 42 02.80	+07 38 24.4	14.4 N	215	88P	2009 11 07.40114	18 34 53.78	-26 35 34.7		367
81P	2009 11 24.47057	10 47 07.26	+07 11 28.4	13.7 N	H10	88P	2009 11 07.40276	18 34 54.19	-26 35 34.2	11.9 T	367
81P	2009 11 24.48229	10 47 08.84	+07 11 20.3	13.7 N	H10	88P	2009 11 07.40359	18 34 54.30	-26 35 34.3		352
81P	2009 11 24.49700	10 47 10.76	+07 11 09.7	13.6 N	H10	88P	2009 11 07.40509	18 34 54.64	-26 35 33.9		352
81P	2009 11 25.19619	10 48 44.08	+07 02 50.8	12.7 N	A77	88P	2009 11 07.73844	18 36 13.36	-26 34 36.8	13.2 N	B74
81P	2009 11 25.21559	10 48 46.65	+07 02 37.9	12.9 N	A77	88P	2009 11 07.74265	18 36 14.26	-26 34 35.7	13.1 N	B74
81P	2009 11 25.22963	10 48 48.51	+07 02 26.6	12.8 N	A77	88P	2009 11 07.74418	18 36 14.62	-26 34 35.2	13.2 N	B74
81P	2009 11 25.24480	10 48 50.50	+07 02 17.0	14.0 N	J47	88P	2009 11 08.01924	18 37 19.15	-26 33 41.1	14.2 N	I19
81P	2009 11 25.24759	10 48 50.87	+07 02 14.8	14.0 N	J47	88P	2009 11 08.02070	18 37 19.50	-26 33 40.8	14.1 N	I19
81P	2009 11 25.25049	10 48 51.26	+07 02 12.9	14.0 N	J47	88P	2009 11 08.02254	18 37 19.93	-26 33 40.1	14.1 N	I19
81P	2009 11 25.25313	10 48 51.64	+07 02 11.0	14.0 N	J47	88P	2009 11 08.35538	18 38 38.40	-26 32 43.5	12.3 T	349
81P	2009 11 25.25782	10 48 52.25	+07 02 07.9	13.9 N	J47	88P	2009 11 08.38946	18 38 46.43	-26 32 37.5		349
81P	2009 11 25.45816	10 49 19.04	+06 59 45.7	14.4 N	H47	88P	2009 11 10.00949	18 45 06.83	-26 26 51.4	14.4 N	I10
81P	2009 11 25.46340	10 49 19.69	+06 59 42.0	14.3 N	H47	88P	2009 11 10.01106	18 45 07.20	-26 26 51.1	14.4 N	I10
81P	2009 11 25.46821	10 49 20.31	+06 59 38.6	14.4 N	H47	88P	2009 11 10.01262	18 45 07.57	-26 26 50.7	14.5 N	I10
81P	2009 11 26.35497	10 51 18.81	+06 49 09.5	14.2 N	I10	88P	2009 11 14.40956	19 02 14.95	-26 06 26.9		900
81P	2009 11 26.35666	10 51 19.02	+06 49 08.4	14.2 N	I10	88P	2009 11 14.41322	19 02 15.82	-26 06 25.6	13.7 N	900
81P	2009 11 26.35832	10 51 19.24	+06 49 07.1	14.2 N	I10	88P	2009 11 14.78171	19 03 41.47	-26 04 23.2	13.3 N	J47
81P	2009 11 26.36001	10 51 19.42	+06 49 06.0	14.2 N	I10	88P	2009 11 14.78264	19 03 41.69	-26 04 23.1	13.3 N	J47
81P	2009 11 26.36170	10 51 19.66	+06 49 04.7	14.2 N	I10	88P	2009 11 14.78352	19 03 41.90	-26 04 22.9	13.3 N	J47
81P	2009 11 26.36348	10 51 19.91	+06 49 03.5	14.2 N	I10	88P	2009 11 14.78443	19 03 42.10	-26 04 22.5	13.3 N	J47
81P	2009 11 26.42366	10 51 27.90	+06 48 16.0	14.8 N	850	88P	2009 11 15.82061	19 07 42.43	-25 58 20.3	13.2 N	J47
81P	2009 11 26.43874	10 51 29.90	+06 48 05.1	13.8 N	850	88P	2009 11 15.82405	19 07 43.23	-25 58 19.1	14.2 N	J47
81P	2009 11 26.45382	10 51 31.91	+06 47 54.4	14.9 N	850	88P	2009 11 15.82752	19 07 44.02	-25 58 17.8	13.2 N	J47
81P	2009 11 26.46892	10 51 33.89	+06 47 43.6	14.8 N	850	88P	2009 11 15.83688	19 07 45.99	-25 58 14.7	12.8 N	J45
81P	2009 11 26.47157	10 51 34.30	+06 47 41.7	14.4 N	H47	88P	2009 11 15.84465	19 07 47.76	-25 58 12.2	13.0 N	J45
81P	2009 11 26.47337	10 51 34.48	+06 47 40.5	14.3 N	H47	88P	2009 11 16.79081	19 11 26.89	-25 52 21.0	13.3 N	J47
81P	2009 11 26.47503	10 51 34.68	+06 47 39.5	14.4 N	H47	88P	2009 11 16.79984	19 11 28.93	-25 52 17.9	13.4 N	J47
81P	2009 11 26.47693	10 51 34.97	+06 47 38.3	14.4 N	H47	88P	2009 11 16.80808	19 11 30.88	-25 52 15.0	13.3 N	J47
81P	2009 11 27.47062	10 53 47.63	+06 35 47.5	14.4 N	H47	88P	2009 11 18.70341	19 18 47.45	-25 39 34.4	14.5 N	215
81P	2009 11 27.47284	10 53 47.92	+06 35 45.9	14.3 N	H47						

88P	2009 11 18.70412	19 18 47.64	-25 39 34.0	14.6 N	215	94P	2009 11 20.46201	09 59 11.36	+17 59 24.4	19.5 T	704
88P	2009 11 18.70482	19 18 47.78	-25 39 33.5	14.5 N	215	94P	2009 11 20.47451	09 59 12.25	+17 59 22.6	19.6 T	704
88P	2009 11 18.78291	19 19 05.66	-25 38 59.9	13.3 N	J47	94P	2009 11 21.21179	10 00 08.41	+17 56 56.5	18.2 N	A77
88P	2009 11 18.78477	19 19 06.09	-25 38 59.0	13.3 N	J47	94P	2009 11 21.21800	10 00 08.89	+17 56 55.7	18.0 N	A77
88P	2009 11 18.80042	19 19 09.64	-25 38 52.2	13.3 N	J47	94P	2009 11 21.22421	10 00 09.35	+17 56 54.4	18.5 N	A77
88P	2009 11 19.40653	19 21 28.61	-25 34 31.4		900	94P	2009 11 23.79556	10 03 21.96	+17 48 53.3	18.7 T	349
88P	2009 11 19.41000	19 21 29.42	-25 34 30.5	14.1 N	900	94P	2009 11 23.80141	10 03 22.36	+17 48 52.6		349
88P	2009 11 19.81196	19 23 01.41	-25 31 32.8	13.3 N	J47	94P	2009 11 26.33000	10 06 26.26	+17 41 35.1	18.9 N	I10
88P	2009 11 19.81648	19 23 02.45	-25 31 30.5	13.3 N	J47	94P	2009 11 26.33890	10 06 26.91	+17 41 33.5	18.9 N	I10
88P	2009 11 19.81724	19 23 02.62	-25 31 29.9	14.1 N	J47	94P	2009 11 26.34181	10 06 27.13	+17 41 33.0	18.8 N	I10
88P	2009 11 19.82255	19 23 03.84	-25 31 27.7	13.3 N	J47	94P	2009 11 26.44810	10 06 34.70	+17 41 12.0	18.4 T	703
88P	2009 11 20.75483	19 26 36.90	-25 24 24.4	13.3 N	B74	94P	2009 11 26.45660	10 06 35.28	+17 41 11.1	18.5 T	703
88P	2009 11 20.77237	19 26 40.89	-25 24 15.5	13.3 N	B74	94P	2009 11 26.46509	10 06 35.92	+17 41 09.1	18.4 T	703
88P	2009 11 20.77424	19 26 41.43	-25 24 15.2	13.4 N	B74	94P	2009 11 26.47360	10 06 36.50	+17 41 07.0	18.7 T	703
88P	2009 11 21.39294	19 29 02.03	-25 19 22.1	15.3 N	D95	94P	2009 11 27.41582	10 07 43.50	+17 38 32.7	19.0 T	703
88P	2009 11 21.39824	19 29 03.29	-25 19 20.9	11.2 T	349	94P	2009 11 27.42502	10 07 44.11	+17 38 31.2	18.9 T	703
88P	2009 11 21.39951	19 29 03.55	-25 19 19.9		349	94P	2009 11 27.43424	10 07 44.68	+17 38 29.7	18.5 T	703
88P	2009 11 21.40027	19 29 03.72	-25 19 19.5		349	94P	2009 11 27.44341	10 07 45.40	+17 38 30.7	19.0 T	703
88P	2009 11 22.75331	19 34 10.73	-25 08 16.2	13.3 N	B74	94P	2009 11 29.19757	10 09 47.80	+17 33 54.7	18.2 N	J47
88P	2009 11 22.76042	19 34 12.34	-25 08 12.5	13.2 N	B74	94P	2009 11 29.20118	10 09 48.02	+17 33 54.4	18.6 N	J47
88P	2009 11 22.76699	19 34 13.82	-25 08 09.5	13.3 N	B74	94P	2009 11 29.20598	10 09 48.25	+17 33 52.6	18.5 N	J47
88P	2009 11 23.37795	19 36 31.79	-25 02 57.6		367	94P	2009 11 29.20954	10 09 48.50	+17 33 54.4	18.3 N	J47
88P	2009 11 23.38018	19 36 32.27	-25 02 56.5	11.1 T	367	94P	2009 11 29.21425	10 09 48.78	+17 33 53.6	18.5 N	J47
88P	2009 11 23.74917	19 37 55.53	-24 59 44.6	13.1 N	J38	117P/Helin-Roman-Alu					
88P	2009 11 23.75065	19 37 55.82	-24 59 46.0	13.1 N	J38	117P	2009 10 22.45424	07 06 19.91	+27 56 56.5	20.7 T	291
88P	2009 11 23.75214	19 37 56.21	-24 59 45.1	13.1 N	J38	117P	2009 10 22.47386	07 06 20.05	+27 56 57.9	20.9 T	291
88P	2009 11 24.76251	19 41 43.32	-24 50 43.9	13.3 N	B74	117P	2009 10 22.49338	07 06 20.10	+27 56 59.9	20.6 T	291
88P	2009 11 24.76494	19 41 43.85	-24 50 42.8	13.3 N	B74	117P	2009 11 16.99438	07 04 10.77	+28 42 24.1	19.8 N	A77
88P	2009 11 24.76708	19 41 44.35	-24 50 41.3	13.3 N	B74	117P	2009 11 17.00216	07 04 10.65	+28 42 24.7	19.5 N	A77
88P	2009 11 25.79947	19 45 35.26	-24 41 10.7	13.4 N	J47	117P	2009 11 17.00993	07 04 10.53	+28 42 25.7	20.3 N	A77
88P	2009 11 25.80259	19 45 35.93	-24 41 08.8	13.4 N	J47	118P/Shoemaker-Levy					
88P	2009 11 25.80578	19 45 36.67	-24 41 07.1	13.4 N	J47	118P	2009 09 16.01773	05 14 27.10	+13 09 26.6	17.2 N	C08
88P	2009 11 25.80894	19 45 37.35	-24 41 05.3	13.4 N	J47	118P	2009 09 16.01861	05 14 27.32	+13 09 24.6	17.2 N	C08
88P	2009 11 25.81207	19 45 38.04	-24 41 03.4	13.4 N	J47	118P	2009 10 15.15153	05 51 52.53	+11 22 07.6	15.4 N	C08
88P	2009 11 28.05657	19 53 56.58	-24 19 14.9		H06	118P	2009 10 26.04522	06 01 16.07	+10 29 51.2	15.7 N	C10
88P	2009 11 28.05830	19 53 56.96	-24 19 13.8		H06	118P	2009 10 26.04668	06 01 16.13	+10 29 50.7	15.8 N	C10
88P	2009 11 28.06002	19 53 57.34	-24 19 12.6	11.1 T	H06	118P	2009 10 26.04817	06 01 16.20	+10 29 50.4	15.8 N	C10
88P	2009 11 28.72553	19 56 24.25	-24 12 28.3	13.4 N	B74	118P	2009 10 26.04963	06 01 16.26	+10 29 49.9	16.3 N	C10
88P	2009 11 28.73050	19 56 25.32	-24 12 25.5	13.4 N	B74	118P	2009 10 26.05110	06 01 16.32	+10 29 49.6	16.1 N	C10
88P	2009 11 28.73380	19 56 26.08	-24 12 22.9	13.4 N	B74	118P	2009 10 26.05253	06 01 16.38	+10 29 49.2	16.0 N	C10
88P	2009 11 28.78474	19 56 37.16	-24 11 51.0	13.5 N	J47	118P	2009 10 26.05544	06 01 16.51	+10 29 48.3	16.0 N	C10
88P	2009 11 28.78852	19 56 37.99	-24 11 48.8	13.5 N	J47	118P	2009 11 02.34068	06 05 43.94	+09 54 43.5	15.6 N	H45
88P	2009 11 28.79193	19 56 38.72	-24 11 46.9	13.5 N	J47	118P	2009 11 02.34359	06 05 44.01	+09 54 42.7	15.5 N	H45
94P/Russell						118P	2009 11 02.34454	06 05 44.05	+09 54 42.3	15.7 N	H45
94P	2009 10 31.47402	09 31 17.51	+19 17 39.2		H06	118P	2009 11 02.34714	06 05 44.13	+09 54 41.6	15.8 N	H45
94P	2009 10 31.47791	09 31 17.90	+19 17 37.4	19.6 T	H06	118P	2009 11 02.35968	06 05 44.48	+09 54 38.1	15.7 N	H45
94P	2009 11 17.47954	09 55 19.33	+18 09 34.3	19.3 T	691	118P	2009 11 02.36150	06 05 44.53	+09 54 37.5	15.7 N	H45
94P	2009 11 17.49941	09 55 20.85	+18 09 30.3	19.2 T	691	118P	2009 11 02.81492	06 05 57.80	+09 52 29.2	14.3 T	349
94P	2009 11 17.53483	09 55 23.58	+18 09 22.8	19.3 T	691	118P	2009 11 02.81825	06 05 57.90	+09 52 28.1		349
94P	2009 11 20.42448	09 59 08.45	+17 59 32.0	19.5 T	704	118P	2009 11 03.51617	06 06 17.93	+09 49 11.4	15.3 N	H10
94P	2009 11 20.43699	09 59 09.46	+17 59 30.0	19.7 T	704	118P	2009 11 03.52477	06 06 18.15	+09 49 09.1	15.2 N	H10
94P	2009 11 20.44949	09 59 10.36	+17 59 26.8	19.4 T	704	118P	2009 11 04.09265	06 06 34.19	+09 46 29.4	15.4 N	J40

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118P	2009 11 04.11554	06 06 34.75	+09 46 23.0	15.4 N	J40	118P	2009 11 21.36289	06 09 35.15	+08 37 35.3	14.5 N	H10
118P	2009 11 04.13671	06 06 35.27	+09 46 17.2	15.8 N	J40	118P	2009 11 21.37853	06 09 35.00	+08 37 33.0	14.5 N	H10
118P	2009 11 09.01100	06 08 24.65	+09 24 10.9	15.7 N	987	118P	2009 11 22.07690	06 09 30.34	+08 35 26.6	14.8 N	945
118P	2009 11 09.01218	06 08 24.66	+09 24 10.7	15.6 N	987	118P	2009 11 22.07981	06 09 30.32	+08 35 26.1	14.8 N	945
118P	2009 11 09.01394	06 08 24.71	+09 24 10.1	15.7 N	987	118P	2009 11 22.08271	06 09 30.29	+08 35 25.7	14.7 N	945
118P	2009 11 09.97483	06 08 40.97	+09 20 01.8	15.6 N	J28	118P	2009 11 22.08825	06 09 30.24	+08 35 24.7	14.8 N	945
118P	2009 11 09.97978	06 08 41.04	+09 20 00.6	15.7 N	J28	118P	2009 11 22.09120	06 09 30.21	+08 35 24.1	14.7 N	945
118P	2009 11 09.98473	06 08 41.11	+09 19 59.1	15.9 N	J28	118P	2009 11 22.98563	06 09 23.00	+08 32 52.3	15.9 N	J40
118P	2009 11 10.31749	06 08 45.93	+09 18 41.1	15.6 N	I10	118P	2009 11 23.02195	06 09 22.56	+08 32 46.3	15.8 N	J40
118P	2009 11 10.31899	06 08 45.94	+09 18 40.7	15.6 N	I10	118P	2009 11 23.07431	06 09 21.94	+08 32 37.4	15.7 N	J40
118P	2009 11 11.91001	06 09 08.22	+09 11 51.7	15.7 N	J10	118P	2009 11 24.89164	06 09 02.15	+08 27 54.7	13.7 N	939
118P	2009 11 11.91790	06 09 08.33	+09 11 50.6	16.1 N	J10	118P	2009 11 24.89630	06 09 02.13	+08 27 54.6	13.7 N	939
118P	2009 11 11.92580	06 09 08.19	+09 11 47.8	15.7 N	J10	118P	2009 11 24.90096	06 09 02.11	+08 27 54.4	13.7 N	939
118P	2009 11 12.01749	06 09 09.22	+09 11 24.5	15.7 N	B49	118P	2009 11 25.32309	06 08 56.39	+08 26 49.6	15.4 N	H45
118P	2009 11 12.02031	06 09 09.25	+09 11 23.7	15.7 N	B49	118P	2009 11 25.32461	06 08 56.37	+08 26 49.3	15.3 N	H45
118P	2009 11 12.02359	06 09 09.26	+09 11 22.8	15.8 N	B49	118P	2009 11 25.32571	06 08 56.36	+08 26 49.2	15.4 N	H45
118P	2009 11 13.04486	06 09 20.50	+09 07 13.9	15.1 N	J47	118P	2009 11 25.32650	06 08 56.35	+08 26 49.0	15.4 N	H45
118P	2009 11 13.05616	06 09 20.59	+09 07 11.1	15.1 N	J47	118P	2009 11 25.32831	06 08 56.31	+08 26 48.8	15.3 N	H45
118P	2009 11 13.06736	06 09 20.69	+09 07 08.3	15.1 N	J47	118P	2009 11 25.32976	06 08 56.29	+08 26 48.5	15.4 N	H45
118P	2009 11 13.10911	06 09 20.95	+09 06 58.1	15.0 N	J47	118P	2009 11 26.41282	06 08 40.57	+08 24 18.7	15.6 N	H45
118P	2009 11 13.11953	06 09 21.05	+09 06 56.0	15.8 N	J47	118P	2009 11 26.41575	06 08 40.51	+08 24 18.3	15.7 N	H45
118P	2009 11 13.13485	06 09 21.16	+09 06 52.2	15.1 N	J47	118P	2009 11 26.42238	06 08 40.39	+08 24 17.4	15.7 N	H45
118P	2009 11 14.11990	06 09 29.79	+09 02 57.3	14.9 N	J45	118P	2009 11 26.42392	06 08 40.37	+08 24 17.2	15.7 N	H45
118P	2009 11 14.14558	06 09 29.91	+09 02 51.5	15.0 N	J45	118P	2009 11 26.42626	06 08 40.33	+08 24 16.9	15.7 N	H45
118P	2009 11 14.32520	06 09 31.45	+09 02 08.5		H10	118P	2009 11 26.42835	06 08 40.29	+08 24 16.6	15.6 N	H45
118P	2009 11 14.34257	06 09 31.55	+09 02 04.7		H10	118P	2009 11 26.74425	06 08 35.63	+08 23 44.8	15.4 N	D25
118P	2009 11 14.35630	06 09 31.61	+09 02 01.5		H10	118P	2009 11 26.74843	06 08 35.53	+08 23 44.4	15.1 N	D25
118P	2009 11 14.64488	06 09 33.71	+09 00 53.6	13.6 T	349	118P	2009 11 27.35053	06 08 25.56	+08 22 20.0	14.9 N	H47
118P	2009 11 14.64951	06 09 33.73	+09 00 52.7		349	118P	2009 11 27.36011	06 08 25.37	+08 22 18.8	14.7 N	H47
118P	2009 11 14.65412	06 09 33.74	+09 00 51.6		349	118P	2009 11 27.37367	06 08 25.10	+08 22 17.2	14.7 N	H47
118P	2009 11 14.70827	06 09 34.00	+09 00 38.9	15.0 N	900	118P	2009 11 28.10443	06 08 12.47	+08 20 48.7	14.7 N	945
118P	2009 11 14.71325	06 09 34.01	+09 00 37.6		900	118P	2009 11 28.11006	06 08 12.35	+08 20 48.1	14.7 N	945
118P	2009 11 15.42002	06 09 38.09	+08 57 56.1		H10	118P	2009 11 28.11292	06 08 12.27	+08 20 47.5	14.7 N	945
118P	2009 11 15.43703	06 09 38.15	+08 57 51.5		H10	118P	2009 11 28.11557	06 08 12.18	+08 20 47.2	14.7 N	945
118P	2009 11 15.45177	06 09 38.17	+08 57 49.1		H10	118P	2009 11 28.11809	06 08 12.18	+08 20 46.8	14.7 N	945
118P	2009 11 17.11077	06 09 44.16	+08 51 40.0	15.6 N	B74	118P	2009 11 28.41594	06 08 06.60	+08 20 14.6	14.0 N	H10
118P	2009 11 17.12565	06 09 44.16	+08 51 36.9	15.4 N	B74	118P	2009 11 28.43771	06 08 06.14	+08 20 12.0	14.0 N	H10
118P	2009 11 19.07779	06 09 44.36	+08 44 50.1	15.0 N	945	118P	2009 11 28.45852	06 08 05.67	+08 20 11.0	14.0 N	H10
118P	2009 11 19.08414	06 09 44.33	+08 44 48.7	15.0 N	945						
118P	2009 11 19.09263	06 09 44.32	+08 44 47.1	15.0 N	945						
118P	2009 11 19.09515	06 09 44.32	+08 44 46.6	15.0 N	945						
118P	2009 11 19.09767	06 09 44.29	+08 44 46.1	15.0 N	945						
118P	2009 11 19.31236	06 09 43.77	+08 44 11.9	15.2 N	I10						
118P	2009 11 19.31389	06 09 43.76	+08 44 11.5	15.1 N	I10	126P	2009 11 03.44254	18 50 16.54	-56 16 10.2	16.7 T	D90
118P	2009 11 19.31556	06 09 43.74	+08 44 11.3	15.1 N	I10	126P	2009 11 03.44616	18 50 17.29	-56 16 05.2		D90
118P	2009 11 19.37045	06 09 43.63	+08 43 53.2	14.7 N	H47	126P	2009 11 06.05948	18 58 51.17	-55 23 07.0	16.8 N	I10
118P	2009 11 19.37850	06 09 43.61	+08 43 52.0	14.5 N	H47	126P	2009 11 06.07098	18 58 53.38	-55 22 53.1	17.0 N	I10
118P	2009 11 19.38865	06 09 43.58	+08 43 50.2	15.0 N	H47	126P	2009 11 06.08322	18 58 55.76	-55 22 37.8	17.1 N	I10
118P	2009 11 20.06924	06 09 41.58	+08 41 35.3	14.9 N	C10	126P	2009 11 07.03801	19 02 01.29	-55 02 53.9	17.4 N	I10
118P	2009 11 20.07572	06 09 41.54	+08 41 34.0	14.9 N	C10	126P	2009 11 08.55925	19 06 54.40	-54 31 02.4	18.2 N	415
118P	2009 11 20.24244	06 09 41.02	+08 41 10.4	15.8 N	I10	126P	2009 11 08.56145	19 06 54.91	-54 30 59.0	18.4 N	415
118P	2009 11 20.26065	06 09 40.90	+08 41 07.4	15.8 N	I10	126P	2009 11 10.03385	19 11 35.76	-53 59 45.6	16.0 N	I10
118P	2009 11 21.34905	06 09 35.28	+08 37 37.1	14.5 N	H10	126P	2009 11 10.03542	19 11 36.08	-53 59 43.3	17.1 N	I10
						126P	2009 11 10.03696	19 11 36.44	-53 59 41.0	17.1 N	I10

126P/IRAS

127P/Holt-Olmstead							127P							
127P	2009 09 15.99537	01 16 36.52	+05 20 19.3	17.9 N	C08		127P	2009 11 08.22963	00 33 23.36	+09 21 30.0	16.8 T	703		
127P	2009 09 15.99905	01 16 36.22	+05 20 21.0	18.0 N	C08		127P	2009 11 08.23727	00 33 23.14	+09 21 32.5	16.8 T	703		
127P	2009 10 08.84692	00 57 02.73	+07 08 02.7	16.2 N	585		127P	2009 11 08.24499	00 33 23.00	+09 21 33.9	16.6 T	703		
127P	2009 10 08.85488	00 57 02.21	+07 08 04.3	16.4 N	585		127P	2009 11 08.25251	00 33 22.71	+09 21 36.2	16.8 T	703		
127P	2009 10 08.85928	00 57 01.98	+07 08 05.7	16.3 N	585		127P	2009 11 10.89661	00 32 22.86	+09 34 40.8	16.8 N	160		
127P	2009 10 08.86368	00 57 01.63	+07 08 07.3	16.5 N	585		127P	2009 11 10.89774	00 32 22.85	+09 34 40.9	17.0 N	160		
127P	2009 10 08.87806	00 57 00.81	+07 08 11.1	16.8 N	585		127P	2009 11 10.89986	00 32 22.81	+09 34 40.3	16.8 N	B75		
127P	2009 10 15.11358	00 50 58.01	+07 34 47.6	17.2 N	C08		127P	2009 11 10.90098	00 32 22.89	+09 34 40.4	17.1 N	B75		
127P	2009 10 20.55575	00 45 57.42	+07 57 47.0	16.6 N	400		127P	2009 11 10.90297	00 32 22.85	+09 34 40.2	16.7 N	B75		
127P	2009 10 20.56199	00 45 57.10	+07 57 48.8	16.9 N	400		127P	2009 11 11.83708	00 32 05.12	+09 39 23.9	17.9 N	160		
127P	2009 10 20.56979	00 45 56.64	+07 57 50.6	16.9 N	400		127P	2009 11 11.83907	00 32 05.08	+09 39 24.6	18.1 N	160		
127P	2009 10 22.92002	00 43 54.88	+08 07 50.1	16.9 N	585		127P	2009 11 11.84106	00 32 05.03	+09 39 25.4	18.2 N	160		
127P	2009 10 22.92156	00 43 54.73	+08 07 50.3	17.0 N	585		127P	2009 11 11.91520	00 32 03.69	+09 39 47.6	17.6 N	B75		
127P	2009 10 22.92233	00 43 54.73	+08 07 51.0	16.9 N	585		127P	2009 11 11.91758	00 32 03.45	+09 39 43.7	18.1 N	B75		
127P	2009 10 22.92387	00 43 54.62	+08 07 50.9	17.1 N	585		127P	2009 11 11.98596	00 32 02.17	+09 40 09.9	17.6 N	J53		
127P	2009 10 22.92464	00 43 54.61	+08 07 51.8	17.0 N	585		127P	2009 11 11.98891	00 32 02.15	+09 40 11.3	17.7 N	J53		
127P	2009 10 22.92542	00 43 54.53	+08 07 51.3	17.1 N	585		127P	2009 11 11.99187	00 32 02.10	+09 40 11.7	17.5 N	J53		
127P	2009 10 22.92620	00 43 54.45	+08 07 51.4	17.0 N	585		127P	2009 11 12.86726	00 31 47.33	+09 44 39.5	17.6 N	213		
127P	2009 10 22.92699	00 43 54.40	+08 07 50.9	17.2 N	585		127P	2009 11 12.88018	00 31 47.10	+09 44 43.5	17.6 N	213		
127P	2009 10 22.92775	00 43 54.42	+08 07 51.6	17.1 N	585		127P	2009 11 12.90602	00 31 46.62	+09 44 51.5	17.6 N	213		
127P	2009 10 24.83631	00 42 19.35	+08 15 57.0	14.2 N	473		127P	2009 11 12.92900	00 31 46.25	+09 45 00.2	17.6 N	J47		
127P	2009 10 26.77797	00 40 49.50	+08 24 26.7	17.3 N	J97		127P	2009 11 12.93291	00 31 46.19	+09 45 01.3	17.9 N	J47		
127P	2009 10 26.78595	00 40 49.13	+08 24 29.3	17.3 N	J97		127P	2009 11 12.93682	00 31 46.05	+09 45 02.6	17.8 N	J47		
127P	2009 10 26.79064	00 40 48.66	+08 24 29.9	17.3 N	585		127P	2009 11 13.92554	00 31 31.00	+09 50 08.3	18.1 N	212		
127P	2009 10 26.79242	00 40 48.56	+08 24 30.9	17.4 N	585		127P	2009 11 15.13415	00 31 15.67	+09 56 27.7	17.7 T	683		
127P	2009 10 26.79312	00 40 48.71	+08 24 31.8	17.3 N	J97		127P	2009 11 15.14764	00 31 15.35	+09 56 32.9	17.4 T	683		
127P	2009 10 26.79472	00 40 48.46	+08 24 31.1	17.1 N	585		127P	2009 11 15.89490	00 31 06.92	+10 00 28.6	18.1 N	J47		
127P	2009 10 26.79550	00 40 48.45	+08 24 31.2	17.4 N	585		127P	2009 11 15.90370	00 31 06.74	+10 00 34.2	18.4 N	J47		
127P	2009 10 26.79781	00 40 48.35	+08 24 32.4	17.5 N	585		127P	2009 11 15.91249	00 31 06.68	+10 00 37.7	17.9 N	J47		
127P	2009 10 26.79856	00 40 48.30	+08 24 32.4	17.4 N	585		127P	2009 11 16.13130	00 31 04.63	+10 01 45.6	18.0 T	683		
127P	2009 10 26.79935	00 40 48.27	+08 24 33.2	17.4 N	585		127P	2009 11 16.13725	00 31 04.55	+10 01 48.0	19.0 T	704		
127P	2009 10 26.80013	00 40 48.20	+08 24 32.9	17.2 N	585		127P	2009 11 16.14480	00 31 04.69	+10 01 51.5	17.7 T	683		
127P	2009 10 26.80191	00 40 48.09	+08 24 33.4	17.5 N	585		127P	2009 11 16.14959	00 31 04.33	+10 01 52.6	19.7 T	704		
127P	2009 11 03.61810	00 35 37.87	+08 59 36.9	16.9 T	349		127P	2009 11 16.16190	00 31 04.14	+10 01 56.6	19.4 T	704		
127P	2009 11 03.62255	00 35 37.72	+08 59 37.8		349		127P	2009 11 16.17420	00 31 04.00	+10 02 00.7	19.5 T	704		
127P	2009 11 03.62703	00 35 37.57	+08 59 39.3		349		127P	2009 11 16.18653	00 31 03.85	+10 02 05.4	18.9 T	704		
127P	2009 11 03.93931	00 35 27.40	+09 01 06.1	18.3 N	160		127P	2009 11 16.82006	00 30 58.15	+10 05 27.8	17.9 N	J28		
127P	2009 11 06.83853	00 34 00.06	+09 14 46.9	18.7 N	213		127P	2009 11 16.82799	00 30 58.05	+10 05 30.7	18.1 N	J28		
127P	2009 11 06.84318	00 33 59.90	+09 14 48.2	18.7 N	213		127P	2009 11 16.83593	00 30 57.96	+10 05 33.3	17.7 N	J28		
127P	2009 11 06.84791	00 33 59.79	+09 14 49.7	18.6 N	213		127P	2009 11 17.91307	00 30 49.73	+10 11 24.1	17.8 N	J38		
127P	2009 11 07.09266	00 33 53.10	+09 16 01.1	17.7 N	H45		127P	2009 11 17.91730	00 30 49.70	+10 11 25.6	17.8 N	J38		
127P	2009 11 07.09500	00 33 53.06	+09 16 01.6	17.6 N	H45		127P	2009 11 17.92578	00 30 49.67	+10 11 28.4	17.8 N	J38		
127P	2009 11 07.10161	00 33 52.85	+09 16 03.4	17.7 N	H45		127P	2009 11 18.12565	00 30 48.73	+10 12 33.3	17.5 T	683		
127P	2009 11 07.10434	00 33 52.77	+09 16 04.5	17.6 N	H45		127P	2009 11 18.13909	00 30 48.58	+10 12 38.1	17.9 T	683		
127P	2009 11 07.10552	00 33 52.73	+09 16 05.1	17.8 N	H45		127P	2009 11 18.15276	00 30 48.44	+10 12 43.1	18.1 T	683		
127P	2009 11 07.10733	00 33 52.67	+09 16 05.2	17.6 N	H45		127P	2009 11 18.86638	00 30 44.54	+10 16 38.4	17.4 N	A77		
127P	2009 11 07.94518	00 33 30.45	+09 20 08.1	17.2 N	J53		127P	2009 11 18.88409	00 30 44.58	+10 16 46.1	17.4 N	J51		
127P	2009 11 07.94813	00 33 30.35	+09 20 09.0	17.2 N	J53		127P	2009 11 18.89184	00 30 44.51	+10 16 48.5	17.6 N	J51		
127P	2009 11 07.95405	00 33 30.08	+09 20 10.6	17.2 N	J53		127P	2009 11 18.89737	00 30 44.47	+10 16 50.2	17.3 N	J51		
127P	2009 11 08.03957	00 33 28.17	+09 20 42.5	18.4 N	I10		127P	2009 11 18.92524	00 30 44.20	+10 16 58.9	17.9 N	J38		
127P	2009 11 08.04425	00 33 28.12	+09 20 44.1	18.4 N	I10		127P	2009 11 18.93371	00 30 44.14	+10 17 01.7	17.8 N	J38		
127P	2009 11 08.05115	00 33 27.86	+09 20 45.5	18.1 N	I10		127P	2009 11 18.93795	00 30 44.12	+10 17 02.9	17.9 N	J38		
							127P	2009 11 19.85831	00 30 40.88	+10 22 11.5	18.5 T	215		

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127P	2009 11 19.85901	00 30 40.85	+10 22 11.2	18.6 T	215
127P	2009 11 19.85972	00 30 40.84	+10 22 10.9	18.7 T	215
127P	2009 11 19.88733	00 30 40.71	+10 22 20.9	18.4 N	160
127P	2009 11 19.90649	00 30 40.74	+10 22 29.6	17.5 N	J51
127P	2009 11 19.91644	00 30 40.70	+10 22 32.3	17.5 N	J51
127P	2009 11 19.92528	00 30 40.72	+10 22 35.4	18.1 N	J51
127P	2009 11 21.46993	00 30 39.25	+10 31 20.4	17.9 T	349
127P	2009 11 21.47609	00 30 39.20	+10 31 22.8		349
127P	2009 11 21.95750	00 30 39.51	+10 34 10.3	17.7 N	J51
127P	2009 11 21.96474	00 30 39.52	+10 34 12.4	17.7 N	J51
127P	2009 11 21.97561	00 30 39.52	+10 34 16.1	17.6 N	J51
127P	2009 11 22.11149	00 30 39.71	+10 35 08.3	19.2 N	I10
127P	2009 11 22.11461	00 30 39.68	+10 35 09.6	18.9 N	I10
127P	2009 11 22.91353	00 30 41.82	+10 39 42.8	18.4 N	J47
127P	2009 11 22.92640	00 30 41.80	+10 39 47.3	18.3 N	J47
127P	2009 11 22.93842	00 30 41.90	+10 39 52.0	18.8 N	J47
127P	2009 11 23.47924	00 30 44.02	+10 43 01.4		900
127P	2009 11 23.48984	00 30 44.06	+10 43 05.3	17.8 T	900
127P	2009 11 23.84939	00 30 45.77	+10 45 11.9	18.5 N	J01
127P	2009 11 23.86219	00 30 45.84	+10 45 16.2	17.3 N	J01
127P	2009 11 23.88796	00 30 45.94	+10 45 25.1	17.9 N	J38
127P	2009 11 23.89220	00 30 45.96	+10 45 26.7	17.9 N	J38
127P	2009 11 23.90068	00 30 45.97	+10 45 29.5	17.9 N	J38
127P	2009 11 23.96661	00 30 46.14	+10 45 54.7	17.9 N	J53
127P	2009 11 23.96957	00 30 46.18	+10 45 55.1	17.9 N	J53
127P	2009 11 23.97843	00 30 46.31	+10 45 59.0	17.8 N	J53
127P	2009 11 25.84921	00 30 59.65	+10 57 13.9	17.7 N	J47
127P	2009 11 25.85560	00 30 59.77	+10 57 14.5	18.0 N	J47
127P	2009 11 25.86412	00 30 59.92	+10 57 16.3	17.8 N	J47

137P/Shoemaker-Levy

137P	2009 10 15.16358	06 43 24.72	+20 47 03.3	17.9 N	C08
137P	2009 10 28.02859	06 49 44.85	+20 06 41.2	18.5 N	J40
137P	2009 10 28.03455	06 49 44.95	+20 06 39.2	18.5 N	J40
137P	2009 10 28.03992	06 49 45.07	+20 06 37.3	18.5 N	J40
137P	2009 11 03.71042	06 51 00.27	+19 47 16.7	18.4 T	349
137P	2009 11 03.72210	06 51 00.34	+19 47 14.5		349
137P	2009 11 13.07626	06 50 23.40	+19 22 52.7	18.8 N	J47
137P	2009 11 13.08592	06 50 23.27	+19 22 51.4	18.6 N	J47
137P	2009 11 13.09720	06 50 23.12	+19 22 50.0	18.4 N	J47
137P	2009 11 13.19916	06 50 21.56	+19 22 34.0	18.2 N	B54
137P	2009 11 13.20198	06 50 21.52	+19 22 33.5	18.1 N	B54
137P	2009 11 13.20480	06 50 21.48	+19 22 33.1	18.2 N	B54
137P	2009 11 18.37687	06 48 49.70	+19 10 45.3	18.6 T	704
137P	2009 11 18.38923	06 48 49.36	+19 10 44.0	18.9 T	704
137P	2009 11 18.40159	06 48 49.07	+19 10 42.4	19.3 T	704
137P	2009 11 18.41396	06 48 48.80	+19 10 41.3	18.7 T	704
137P	2009 11 18.42634	06 48 48.51	+19 10 40.1	19.0 T	704
137P	2009 11 19.65689	06 48 19.48	+19 08 01.7		900
137P	2009 11 19.66862	06 48 19.26	+19 08 00.0	17.5 T	900
137P	2009 11 21.32133	06 47 36.15	+19 04 36.3	18.8 T	704
137P	2009 11 21.33354	06 47 35.83	+19 04 34.8	19.2 T	704
137P	2009 11 21.34578	06 47 35.44	+19 04 33.3	18.9 T	704

137P	2009 11 21.35801	06 47 35.06	+19 04 31.2	19.1 T	704
137P	2009 11 22.97160	06 46 48.54	+19 01 18.7	18.2 N	J28
137P	2009 11 22.97846	06 46 48.35	+19 01 17.9	18.2 N	J28
137P	2009 11 22.98531	06 46 48.19	+19 01 17.2	18.7 N	J28
137P	2009 11 25.33088	06 45 32.70	+18 56 52.2	18.7 T	H45
137P	2009 11 25.33362	06 45 32.61	+18 56 52.0	18.9 T	H45
137P	2009 11 25.33457	06 45 32.57	+18 56 51.7	18.8 T	H45
137P	2009 11 25.33692	06 45 32.49	+18 56 51.5	18.9 T	H45
137P	2009 11 25.34447	06 45 32.20	+18 56 50.3	18.8 T	H45
137P	2009 11 25.34782	06 45 32.10	+18 56 50.2	18.9 T	H45
137P	2009 11 29.12584	06 43 13.31	+18 50 15.2	18.5 N	J47
137P	2009 11 29.12902	06 43 13.19	+18 50 15.1	18.5 N	J47
137P	2009 11 29.13248	06 43 13.06	+18 50 14.9	18.5 N	J47
137P	2009 11 29.13725	06 43 12.83	+18 50 14.6	18.4 N	J47
137P	2009 11 29.14044	06 43 12.76	+18 50 14.1	18.3 N	J47

145P/Shoemaker-Levy

145P	2009 10 17.80880	09 24 32.81	+26 20 11.6	17.5 T	349
145P	2009 10 17.81330	09 24 33.18	+26 20 10.5		349
145P	2009 11 22.15876	10 00 18.24	+25 37 17.5	18.3 T	5 215
145P	2009 11 22.15999	10 00 18.25	+25 37 17.6	18.3 T	5 215
145P	2009 11 22.16122	10 00 18.25	+25 37 17.6	18.4 T	5 215

157P/Tritton

157P	2009 09 15.97612	00 06 00.72	+13 26 48.7	18.5 N	C08
157P	2009 09 15.98138	00 06 00.36	+13 26 50.4	18.3 N	C08
157P	2009 10 26.76895	23 25 47.09	+11 01 07.6	17.1 N	585
157P	2009 10 26.77279	23 25 46.95	+11 01 06.6	17.5 N	585
157P	2009 10 26.77382	23 25 46.91	+11 01 06.2	17.6 N	585
157P	2009 11 01.88365	23 22 47.70	+10 30 31.0	17.6 N	J47
157P	2009 11 01.89735	23 22 47.36	+10 30 27.0	17.6 N	J47
157P	2009 11 01.91177	23 22 46.97	+10 30 22.4	17.2 N	J47
157P	2009 11 02.86842	23 22 27.55	+10 25 55.6	17.3 N	J47
157P	2009 11 02.87226	23 22 27.49	+10 25 54.7	17.0 N	J47
157P	2009 11 02.87826	23 22 27.34	+10 25 52.7	17.5 N	J47
157P	2009 11 03.53474	23 22 14.99	+10 22 52.7		900
157P	2009 11 03.54534	23 22 14.76	+10 22 50.0	17.8 T	900
157P	2009 11 03.54863	23 22 14.68	+10 22 49.1	17.0 T	349
157P	2009 11 03.55529	23 22 14.55	+10 22 47.3		349
157P	2009 11 03.56197	23 22 14.43	+10 22 45.7		349
157P	2009 11 03.88100	23 22 09.15	+10 21 19.0	18.2 N	160
157P	2009 11 03.88306	23 22 09.06	+10 21 18.0	18.3 N	160
157P	2009 11 03.88520	23 22 09.00	+10 21 17.5	17.9 N	160
157P	2009 11 03.89058	23 22 09.09	+10 21 17.4	18.7 N	J47
157P	2009 11 03.89502	23 22 09.00	+10 21 16.7	18.7 N	J47
157P	2009 11 03.89946	23 22 08.92	+10 21 15.6	17.6 N	J47
157P	2009 11 04.82254	23 21 54.82	+10 17 10.2	17.7 N	J97
157P	2009 11 04.83600	23 21 54.59	+10 17 06.7	17.7 N	J97
157P	2009 11 04.84281	23 21 54.66	+10 17 04.1	17.2 N	J01
157P	2009 11 04.85031	23 21 54.38	+10 17 03.1	17.7 N	J97
157P	2009 11 04.85855	23 21 54.33	+10 17 02.6	17.6 N	J47
157P	2009 11 04.86005	23 21 54.26	+10 16 59.6	17.4 N	J01
157P	2009 11 04.86153	23 21 54.27	+10 17 01.5	17.8 N	J47
157P	2009 11 04.86741	23 21 54.22	+10 17 00.1	17.7 N	J47

157P	2009 11 04.87595	23 21 54.02	+10 16 55.7	17.6 N	J01	157P	2009 11 15.87918	23 22 03.22	+09 39 21.6	17.5 N	J47
157P	2009 11 05.75546	23 21 42.52	+10 13 10.8	17.5 N	B18	157P	2009 11 16.77997	23 22 18.95	+09 37 16.1	16.5 N	A77
157P	2009 11 05.75828	23 21 42.53	+10 13 10.0	18.0 N	B18	157P	2009 11 17.88235	23 22 40.85	+09 35 00.5	17.6 N	J38
157P	2009 11 05.76108	23 21 42.49	+10 13 09.2	17.4 N	B18	157P	2009 11 17.89296	23 22 41.06	+09 34 59.2	17.6 N	J38
157P	2009 11 05.79193	23 21 42.32	+10 13 00.5	17.5 N	A71	157P	2009 11 17.90004	23 22 41.18	+09 34 58.5	17.6 N	J38
157P	2009 11 05.79620	23 21 42.21	+10 12 59.5	17.9 N	A71	157P	2009 11 18.07765	23 22 45.25	+09 34 38.2	18.0 T	750
157P	2009 11 05.85074	23 21 41.64	+10 12 48.4	17.8 N	J47	157P	2009 11 18.07850	23 22 45.57	+09 34 39.2	17.2 T	683
157P	2009 11 05.85439	23 21 41.56	+10 12 47.7	17.8 N	J47	157P	2009 11 18.09472	23 22 45.53	+09 34 36.3	18.4 T	750
157P	2009 11 05.85802	23 21 41.54	+10 12 45.8	17.8 N	J47	157P	2009 11 18.10562	23 22 46.17	+09 34 38.2	17.0 T	683
157P	2009 11 06.79418	23 21 32.11	+10 08 54.0	17.4 N	B74	157P	2009 11 18.88877	23 23 03.99	+09 33 13.9	16.3 N	J47
157P	2009 11 06.79635	23 21 32.04	+10 08 52.7	18.4 N	213	157P	2009 11 18.89192	23 23 04.03	+09 33 13.3	16.8 N	J47
157P	2009 11 06.79770	23 21 32.05	+10 08 53.0	17.6 N	B74	157P	2009 11 18.89346	23 23 04.07	+09 33 12.8	17.1 N	J47
157P	2009 11 06.80183	23 21 31.98	+10 08 51.4	17.2 N	B74	157P	2009 11 18.95736	23 23 05.55	+09 33 02.9	17.5 N	J38
157P	2009 11 06.80325	23 21 31.96	+10 08 51.2	18.6 N	213	157P	2009 11 18.96089	23 23 05.62	+09 33 02.6	17.5 N	J38
157P	2009 11 06.81032	23 21 31.88	+10 08 49.6	18.6 N	213	157P	2009 11 18.96792	23 23 05.77	+09 33 01.9	17.4 N	J38
157P	2009 11 09.12346	23 21 18.05	+10 00 03.3	18.1 N	I10	157P	2009 11 19.83830	23 23 28.43	+09 31 37.3	18.1 T	215
157P	2009 11 09.12618	23 21 18.03	+10 00 02.2	18.2 N	I10	157P	2009 11 19.83900	23 23 28.47	+09 31 37.4	17.6 T	215
157P	2009 11 09.12855	23 21 18.04	+10 00 01.7	18.1 N	I10	157P	2009 11 19.83970	23 23 28.44	+09 31 37.8	18.1 T	215
157P	2009 11 09.13083	23 21 18.04	+10 00 01.5	18.0 N	I10	157P	2009 11 19.85156	23 23 28.72	+09 31 37.2	17.2 N	160
157P	2009 11 09.13311	23 21 18.01	+10 00 00.9	18.1 N	I10	157P	2009 11 19.85335	23 23 28.76	+09 31 37.0	17.5 N	160
157P	2009 11 09.85039	23 21 17.27	+09 57 18.5	19.0 N	J47	157P	2009 11 19.85528	23 23 28.74	+09 31 36.6	17.8 N	160
157P	2009 11 09.85790	23 21 17.25	+09 57 16.7	18.7 N	J47	157P	2009 11 19.86463	23 23 29.25	+09 31 38.2	17.4 N	J47
157P	2009 11 09.86473	23 21 17.24	+09 57 15.2	17.4 N	J47	157P	2009 11 19.87584	23 23 29.41	+09 31 37.4	18.2 N	J47
157P	2009 11 09.95725	23 21 16.86	+09 56 53.2	17.6 N	J53	157P	2009 11 19.88707	23 23 29.66	+09 31 36.6	17.7 N	J47
157P	2009 11 09.96316	23 21 16.83	+09 56 52.2	17.7 N	J53	157P	2009 11 20.07363	23 23 35.49	+09 31 21.4	16.8 T	683
157P	2009 11 09.96624	23 21 16.84	+09 56 51.7	17.4 N	J53	157P	2009 11 20.08721	23 23 35.82	+09 31 17.3	16.8 T	683
157P	2009 11 10.83400	23 21 18.00	+09 53 53.9	17.6 N	J47	157P	2009 11 20.10076	23 23 36.20	+09 31 15.0	17.1 T	683
157P	2009 11 10.84023	23 21 17.99	+09 53 52.9	17.7 N	J47	157P	2009 11 20.84985	23 23 57.26	+09 30 16.2	17.5 N	J47
157P	2009 11 10.84645	23 21 17.99	+09 53 51.6	17.6 N	J47	157P	2009 11 20.86103	23 23 57.53	+09 30 15.5	18.3 N	J47
157P	2009 11 11.74331	23 21 21.08	+09 50 53.2	17.1 N	A77	157P	2009 11 20.87221	23 23 57.86	+09 30 15.4	17.5 N	J47
157P	2009 11 11.75129	23 21 21.09	+09 50 51.6	17.2 N	A77	157P	2009 11 21.97911	23 24 32.19	+09 28 58.8	17.3 N	J47
157P	2009 11 11.75910	23 21 21.10	+09 50 50.0	17.3 N	A77	157P	2009 11 21.99428	23 24 32.71	+09 28 57.5	18.4 N	J47
157P	2009 11 11.80028	23 21 21.08	+09 50 42.0	18.2 N	160	157P	2009 11 22.00973	23 24 33.27	+09 28 57.1	17.3 N	J47
157P	2009 11 11.80239	23 21 21.10	+09 50 41.6	18.2 N	160	157P	2009 11 22.06886	23 24 36.05	+09 28 55.4	17.0 T	683
157P	2009 11 11.80432	23 21 21.12	+09 50 41.1	18.4 N	160	157P	2009 11 22.08244	23 24 36.40	+09 28 53.0	17.9 T	683
157P	2009 11 11.84586	23 21 21.20	+09 50 33.4		B66	157P	2009 11 22.09598	23 24 36.81	+09 28 52.1	18.0 T	683
157P	2009 11 11.85894	23 21 21.35	+09 50 32.4	17.7 N	J47	157P	2009 11 23.42220	23 25 23.07	+09 27 45.2	16.4 T	349
157P	2009 11 11.87666	23 21 21.43	+09 50 29.5	18.3 N	J47	157P	2009 11 23.43336	23 25 23.44	+09 27 45.0		349
157P	2009 11 11.89590	23 21 21.57	+09 50 26.4	17.5 N	J47	157P	2009 11 23.45792	23 25 24.23	+09 27 44.1		900
157P	2009 11 11.96059	23 21 21.58	+09 50 12.9	17.9 N	J53	157P	2009 11 23.46505	23 25 24.50	+09 27 43.6	17.1 T	900
157P	2009 11 11.96354	23 21 21.60	+09 50 11.2	17.8 N	J53	157P	2009 11 23.82305	23 25 37.99	+09 27 29.2	17.9 N	J01
157P	2009 11 11.97241	23 21 21.64	+09 50 08.3	17.6 N	J53	157P	2009 11 23.83053	23 25 38.22	+09 27 29.1	17.8 N	J01
157P	2009 11 11.98707	23 21 21.61	+09 50 05.6		B66	157P	2009 11 23.83694	23 25 38.44	+09 27 28.1	17.9 N	J01
157P	2009 11 13.76240	23 21 36.03	+09 44 40.7	18.0 N	B59	157P	2009 11 23.94854	23 25 42.49	+09 27 25.3	17.3 N	J53
157P	2009 11 13.76615	23 21 36.04	+09 44 40.5	18.5 N	B59	157P	2009 11 23.95741	23 25 42.83	+09 27 24.6	17.3 N	J53
157P	2009 11 13.78523	23 21 35.77	+09 44 45.8	17.2 T	071	157P	2009 11 23.96036	23 25 42.99	+09 27 25.7	17.3 N	J53
157P	2009 11 13.78932	23 21 35.83	+09 44 44.0	17.5 T	071	157P	2009 11 24.81446	23 26 16.95	+09 27 02.3	17.4 N	939
157P	2009 11 14.02273	23 21 37.86	+09 44 06.6	17.8 N	J45	157P	2009 11 24.82328	23 26 17.27	+09 27 02.2	17.5 N	939
157P	2009 11 14.04512	23 21 37.97	+09 44 02.9	17.5 N	J45	157P	2009 11 24.83209	23 26 17.61	+09 27 01.8	17.4 N	939
157P	2009 11 14.49159	23 21 43.63	+09 42 50.5		900	157P	2009 11 25.45154	23 26 43.23	+09 26 53.7	17.8 N	D92
157P	2009 11 14.50219	23 21 43.75	+09 42 48.8	17.4 T	900	157P	2009 11 25.45816	23 26 43.41	+09 26 52.6	18.1 N	D92
157P	2009 11 15.85850	23 22 02.95	+09 39 24.9	17.5 N	J47	157P	2009 11 25.45966	23 26 43.57	+09 26 51.7	18.6 N	D92
157P	2009 11 15.86884	23 22 03.05	+09 39 23.1	18.5 N	J47						

162P/Siding Spring						203P					
162P	2009 09 22.98586	16 47 09.87	-50 17 13.1		I21	203P	2009 11 11.24051	04 55 42.98	+25 28 18.9	16.9 T	H06
162P	2009 09 23.00104	16 47 11.61	-50 17 09.4	17.7 N	I21	203P	2009 11 11.24424	04 55 42.88	+25 28 19.1		H06
162P	2009 11 10.02161	18 43 36.12	-45 34 37.4	17.6 N	I10	203P	2009 11 11.24795	04 55 42.77	+25 28 19.2		H06
162P	2009 11 10.02316	18 43 36.44	-45 34 36.8	17.7 N	I10	203P	2009 11 11.31603	04 55 40.52	+25 28 19.6	20.4 T	704
162P	2009 11 10.02469	18 43 36.66	-45 34 36.7	16.8 N	I10	203P	2009 11 11.32867	04 55 40.14	+25 28 16.3	20.9 T	704
169P/NEAT						203P					
169P	2009 11 09.99719	18 06 24.31	-21 36 37.5	16.9 N	I10	203P	2009 11 11.35338	04 55 39.68	+25 28 12.4	20.4 T	704
169P	2009 11 09.99880	18 06 24.63	-21 36 39.5	17.0 N	I10	203P	2009 11 11.35338	04 55 39.34	+25 28 14.2	20.2 T	704
169P	2009 11 10.00035	18 06 24.84	-21 36 40.3	17.0 N	I10	203P	2009 11 11.36574	04 55 38.77	+25 28 13.1	19.3 T	704
169P	2009 11 15.37084	18 21 51.48	-23 14 43.1	15.7 T	349	203P	2009 11 12.91834	04 54 49.97	+25 26 41.2	16.5 N	J28
169P	2009 11 15.37206	18 21 51.61	-23 14 45.4		349	203P	2009 11 12.92904	04 54 49.62	+25 26 40.6	16.5 N	J28
169P	2009 11 19.78948	18 34 19.73	-24 48 03.5	16.3 N	J47	203P	2009 11 12.93974	04 54 49.27	+25 26 39.9	16.5 N	J28
169P	2009 11 19.79856	18 34 21.21	-24 48 16.0	16.2 N	J47	203P	2009 11 13.98405	04 54 14.70	+25 25 35.1	16.9 N	J51
169P	2009 11 19.80284	18 34 21.90	-24 48 21.2	15.6 N	J47	203P	2009 11 13.99476	04 54 14.33	+25 25 34.5	16.9 N	J51
169P	2009 11 20.73680	18 36 55.49	-25 10 03.2	16.0 N	B74	203P	2009 11 14.00555	04 54 13.96	+25 25 33.9	16.7 N	J51
169P	2009 11 20.74086	18 36 56.09	-25 10 09.3	16.3 N	B74	203P	2009 11 14.98393	04 53 40.72	+25 24 29.3	16.8 N	J51
169P	2009 11 20.74540	18 36 56.62	-25 10 15.9	15.8 N	B74	203P	2009 11 14.99166	04 53 40.41	+25 24 28.7	16.6 N	J51
169P	2009 11 21.37353	18 38 38.84	-25 25 12.2	17.3 N	D92	203P	2009 11 14.99939	04 53 40.08	+25 24 28.1	16.4 N	J51
169P	2009 11 21.37650	18 38 39.27	-25 25 16.2	16.7 T	D92	203P	2009 11 16.84325	04 52 35.11	+25 22 15.9	16.4 N	939
169P	2009 11 21.37876	18 38 39.60	-25 25 19.0	17.3 N	D92	203P	2009 11 16.84767	04 52 34.90	+25 22 15.9	16.5 N	939
169P	2009 11 21.71157	18 39 33.31	-25 33 25.1	15.1 N	A77	203P	2009 11 16.85207	04 52 34.72	+25 22 15.7	16.5 N	939
169P	2009 11 21.71669	18 39 34.25	-25 33 28.9	15.8 N	A77	203P	2009 11 16.88605	04 52 33.57	+25 22 13.8	16.9 N	B81
169P	2009 11 21.72008	18 39 34.48	-25 33 36.7	16.0 N	A77	203P	2009 11 16.89719	04 52 33.23	+25 22 12.9	16.9 N	B81
169P	2009 11 22.01774	18 40 21.65	-25 40 43.1	15.6 N	I10	203P	2009 11 16.91427	04 52 32.58	+25 22 11.4	16.8 N	B81
169P	2009 11 22.01979	18 40 22.19	-25 40 48.8	15.9 N	I10	203P	2009 11 16.97541	04 52 30.30	+25 22 07.4	16.4 N	B49
169P	2009 11 22.02135	18 40 22.52	-25 40 51.3	16.2 N	I10	203P	2009 11 16.98061	04 52 30.10	+25 22 07.0	16.6 N	B49
169P	2009 11 23.36400	18 43 53.40	-26 15 12.3	15.0 T	349	203P	2009 11 16.98540	04 52 29.94	+25 22 06.9	16.7 N	B49
169P	2009 11 23.36596	18 43 53.68	-26 15 14.9		349	203P	2009 11 17.06750	04 52 26.80	+25 22 00.6	16.6 N	B74
169P	2009 11 23.36792	18 43 54.00	-26 15 18.4		349	203P	2009 11 17.07073	04 52 26.69	+25 22 00.5	16.6 N	B74
169P	2009 11 23.36985	18 43 54.32	-26 15 20.9		349	203P	2009 11 17.07234	04 52 26.63	+25 22 00.4	16.7 N	B74
169P	2009 11 25.34990	18 48 51.90	-27 09 16.3	15.3 N	D92	203P	2009 11 17.31631	04 52 17.95	+25 21 43.4	17.8 T	704
169P	2009 11 25.35294	18 48 52.32	-27 09 20.9	16.5 N	D92	203P	2009 11 17.32873	04 52 17.47	+25 21 42.8	19.8 T	704
169P	2009 11 25.35355	18 48 52.40	-27 09 21.9	15.5 N	D92	203P	2009 11 17.34115	04 52 16.94	+25 21 42.3	19.8 T	704
169P	2009 11 25.78650	18 49 54.84	-27 21 44.8	14.9 N	J47	203P	2009 11 17.35357	04 52 16.36	+25 21 39.9	19.7 T	704
169P	2009 11 25.78783	18 49 55.02	-27 21 47.2	14.6 N	J47	203P	2009 11 17.36609	04 52 15.91	+25 21 39.9	19.3 T	704
169P	2009 11 25.79014	18 49 55.36	-27 21 50.8	14.6 N	J47	203P	2009 11 18.31481	04 51 40.93	+25 20 29.6	16.7 N	I10
169P	2009 11 25.79531	18 49 56.08	-27 21 59.6	14.6 N	J47	203P	2009 11 18.31728	04 51 40.85	+25 20 29.6	16.9 N	I10
169P	2009 11 28.79521	18 56 40.64	-28 54 41.0	14.2 N	J47	203P	2009 11 18.31997	04 51 40.75	+25 20 29.3	17.0 N	I10
169P	2009 11 28.79813	18 56 40.72	-28 54 42.6	14.1 N	J47	203P	2009 11 18.96631	04 51 16.73	+25 19 34.1	16.2 N	J01
169P	2009 11 28.79874	18 56 40.90	-28 54 43.9	14.9 N	J47	203P	2009 11 18.97056	04 51 16.57	+25 19 33.8	16.6 N	J01
169P	2009 11 28.80123	18 56 41.37	-28 54 48.2	14.5 N	J47	203P	2009 11 18.97483	04 51 16.40	+25 19 33.3	16.7 N	J01
203P/Korlević						203P					
203P	2009 10 30.97735	05 00 17.52	+25 35 27.8	16.5 N	212	203P	2009 11 19.62480	04 50 51.64	+25 18 41.0		900
203P	2009 10 30.98166	05 00 17.49	+25 35 27.9	16.5 N	212	203P	2009 11 19.63474	04 50 51.26	+25 18 40.2	16.6 N	900
203P	2009 10 30.98597	05 00 17.36	+25 35 27.2	16.6 N	212	203P	2009 11 19.89444	04 50 41.63	+25 18 16.6	16.1 T	215
203P	2009 11 06.86870	04 57 47.32	+25 31 51.2	16.6 N	J10	203P	2009 11 19.89514	04 50 41.62	+25 18 16.6	16.2 T	215
203P	2009 11 06.87829	04 57 47.31	+25 31 51.4	16.7 N	J10	203P	2009 11 19.89584	04 50 41.62	+25 18 16.5	16.0 T	215
203P	2009 11 06.88615	04 57 46.86	+25 31 49.2	16.8 N	J10	203P	2009 11 20.01252	04 50 36.72	+25 18 08.4	16.4 N	B74
203P	2009 11 10.93158	04 55 52.44	+25 28 35.8	16.5 N	J53	203P	2009 11 20.01738	04 50 36.53	+25 18 08.1	16.5 N	B74
203P	2009 11 10.93454	04 55 52.35	+25 28 35.7	16.5 N	J53	203P	2009 11 20.01902	04 50 36.45	+25 18 08.1	16.6 N	B74
203P	2009 11 10.93810	04 55 52.24	+25 28 35.2	16.5 N	J53	203P	2009 11 20.31228	04 50 25.15	+25 17 43.8	17.4 N	H10
						203P	2009 11 20.31583	04 50 25.06	+25 17 43.6	16.7 N	H10
						203P	2009 11 20.31938	04 50 24.90	+25 17 43.2	17.3 N	H10
						203P	2009 11 21.27623	04 49 47.23	+25 16 20.6		691
						203P	2009 11 21.29399	04 49 46.64	+25 16 19.3		691

203P	2009 11 21.31175	04 49 45.88	+25 16 17.6		691	217P	2009 10 27.67795	06 22 34.46	-04 25 13.4		D81
203P	2009 11 22.09037	04 49 15.28	+25 15 09.1	16.7 N	J51	217P	2009 10 27.67990	06 22 34.51	-04 25 13.1	11.4 T	D81
203P	2009 11 22.09382	04 49 15.15	+25 15 08.9	16.7 N	J51	217P	2009 10 27.68612	06 22 34.67	-04 25 11.9		349
203P	2009 11 22.10178	04 49 14.82	+25 15 08.3	16.7 N	J51	217P	2009 10 27.69096	06 22 34.82	-04 25 11.2	11.3 T	349
203P	2009 11 22.25956	04 49 08.75	+25 14 54.3	17.8 T	704	217P	2009 10 27.69582	06 22 34.97	-04 25 10.2		349
203P	2009 11 22.27197	04 49 08.15	+25 14 54.0	18.9 T	704	217P	2009 10 28.66319	06 23 05.93	-04 22 15.1	14.1 N	372
203P	2009 11 22.28439	04 49 07.59	+25 14 54.7	19.7 T	704	217P	2009 10 28.67118	06 23 06.12	-04 22 14.4		372
203P	2009 11 22.29682	04 49 07.04	+25 14 50.7	19.5 T	704	217P	2009 10 28.68125	06 23 06.52	-04 22 11.3	13.9 N	372
203P	2009 11 22.30926	04 49 06.42	+25 14 49.2	19.0 T	704	217P	2009 10 28.75523	06 23 08.24	-04 21 58.4	12.7 T	372
203P	2009 11 23.84074	04 48 04.82	+25 12 25.2	16.5 N	939	217P	2009 10 29.71962	06 23 35.33	-04 18 49.2	13.7 N	372
203P	2009 11 23.84819	04 48 04.52	+25 12 24.5	16.6 N	939	217P	2009 10 29.77917	06 23 36.62	-04 18 36.9	13.8 N	372
203P	2009 11 23.85564	04 48 04.22	+25 12 23.7	16.5 N	939	217P	2009 10 30.75069	06 24 00.20	-04 15 08.3	13.7 N	372
203P	2009 11 23.94252	04 48 00.65	+25 12 16.6	16.8 N	B49	217P	2009 10 31.03852	06 24 07.12	-04 14 03.1	13.5 N	J45
203P	2009 11 23.94572	04 48 00.52	+25 12 16.4	16.8 N	B49	217P	2009 10 31.07227	06 24 07.73	-04 13 56.0	13.5 N	J45
203P	2009 11 23.94893	04 48 00.38	+25 12 15.9	16.6 N	B49	217P	2009 10 31.10672	06 24 08.30	-04 13 48.1	13.5 N	J45
203P	2009 11 24.04785	04 47 56.19	+25 12 06.5	16.2 N	J53	217P	2009 10 31.39140	06 24 14.02	-04 12 43.4	13.9 N	H06
203P	2009 11 24.05081	04 47 56.06	+25 12 06.0	16.2 N	J53	217P	2009 10 31.39536	06 24 14.08	-04 12 42.5	13.8 N	H06
203P	2009 11 24.05672	04 47 55.81	+25 12 05.5	16.1 N	J53	217P	2009 10 31.40125	06 24 14.17	-04 12 41.3	13.8 N	H06
203P	2009 11 24.86991	04 47 22.58	+25 10 45.7	16.5 N	939	217P	2009 11 01.43736	06 24 32.62	-04 08 30.3	13.7 N	H47
203P	2009 11 24.87874	04 47 22.21	+25 10 45.0	16.5 N	939	217P	2009 11 01.44874	06 24 32.68	-04 08 28.9	13.6 N	H47
203P	2009 11 24.88756	04 47 21.83	+25 10 44.4	16.5 N	939	217P	2009 11 01.45975	06 24 32.83	-04 08 26.2	13.7 N	H47
203P	2009 11 25.27212	04 47 05.60	+25 10 06.9	16.2 T	691	217P	2009 11 02.07527	06 24 42.94	-04 05 47.5	13.6 N	J40
203P	2009 11 25.28992	04 47 04.84	+25 10 05.2	16.2 T	691	217P	2009 11 02.08720	06 24 43.05	-04 05 44.8	13.7 N	J40
203P	2009 11 25.30773	04 47 04.10	+25 10 03.5	16.3 T	691	217P	2009 11 02.10036	06 24 43.17	-04 05 41.1	13.7 N	J40
203P	2009 11 27.33093	04 45 39.43	+25 06 36.5	16.3 N	H47	217P	2009 11 02.32645	06 24 46.34	-04 04 41.0	14.7 N	H45
203P	2009 11 27.33595	04 45 39.24	+25 06 36.4	16.3 N	H47	217P	2009 11 02.32920	06 24 46.37	-04 04 40.5	14.8 N	H45
217P/LINEAR						217P	2009 11 02.33148	06 24 46.40	-04 04 39.8	14.6 N	H45
217P	2009 09 16.04123	05 05 13.72	-03 59 47.6	12.7 N	C08	217P	2009 11 02.33396	06 24 46.40	-04 04 39.1	14.8 N	H45
217P	2009 09 16.04168	05 05 13.86	-03 59 47.5	12.7 N	C08	217P	2009 11 02.33618	06 24 46.42	-04 04 38.4	14.8 N	H45
217P	2009 09 16.04212	05 05 13.96	-03 59 47.9	12.7 N	C08	217P	2009 11 02.33795	06 24 46.44	-04 04 38.1	14.7 N	H45
217P	2009 09 16.04568	05 05 14.59	-03 59 48.6	12.7 N	C08	217P	2009 11 02.41931	06 24 47.29	-04 04 16.3	14.1 N	H10
217P	2009 09 16.04612	05 05 14.60	-03 59 48.4	12.7 N	C08	217P	2009 11 02.42730	06 24 47.38	-04 04 14.1	14.0 N	H10
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217P	2009 09 16.04789	05 05 15.03	-03 59 49.4	12.7 N	C08	217P	2009 11 03.17795	06 24 55.98	-04 00 46.8	13.5 N	J47
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217P	2009 10 15.14203	06 10 39.18	-04 42 58.1	12.8 N	C08	217P	2009 11 03.42701	06 24 58.45	-03 59 37.2	13.8 N	H10
217P	2009 10 15.14247	06 10 39.15	-04 42 57.4	12.9 N	C08	217P	2009 11 03.43284	06 24 58.45	-03 59 35.6	13.8 N	H10
217P	2009 10 15.14292	06 10 39.20	-04 42 59.5	12.9 N	C08	217P	2009 11 03.67669	06 25 01.00	-03 58 25.7		900
217P	2009 10 15.14336	06 10 39.24	-04 42 58.4	12.9 N	C08	217P	2009 11 03.68034	06 25 01.02	-03 58 24.6	14.0 N	900
217P	2009 10 15.14380	06 10 39.35	-04 42 57.2	12.8 N	C08	217P	2009 11 03.68316	06 25 00.99	-03 58 23.6	11.4 T	349
217P	2009 10 22.25706	06 18 37.81	-04 36 51.7	13.9 N	I10	217P	2009 11 03.68620	06 25 01.00	-03 58 22.7		349
217P	2009 10 22.29125	06 18 39.48	-04 36 48.8	13.8 N	I10	217P	2009 11 05.74451	06 25 10.56	-03 47 45.6	14.7 N	355
217P	2009 10 26.08841	06 21 36.12	-04 29 29.1	14.3 N	C10	217P	2009 11 05.74525	06 25 10.54	-03 47 45.4	14.8 N	355
217P	2009 10 26.09003	06 21 36.18	-04 29 28.9	14.4 N	C10	217P	2009 11 05.74600	06 25 10.54	-03 47 44.9	14.9 N	355
217P	2009 10 26.09150	06 21 36.23	-04 29 28.7	14.4 N	C10	217P	2009 11 05.74712	06 25 10.54	-03 47 44.6	15.2 N	355
217P	2009 10 26.09885	06 21 36.50	-04 29 27.6	14.2 N	C10	217P	2009 11 06.00543	06 25 11.20	-03 46 19.9	13.6 N	B74
217P	2009 10 26.10179	06 21 36.60	-04 29 27.2	14.2 N	C10	217P	2009 11 06.00866	06 25 11.19	-03 46 18.7	13.6 N	B74
217P	2009 10 26.10344	06 21 36.66	-04 29 27.0	14.3 N	C10	217P	2009 11 06.01683	06 25 11.18	-03 46 15.9	13.6 N	B74
217P	2009 10 27.67397	06 22 34.34	-04 25 14.1		D81	217P	2009 11 06.20875	06 25 11.24	-03 44 56.9	15.3 N	I10
217P	2009 10 27.67604	06 22 34.39	-04 25 13.9		D81	217P	2009 11 06.22027	06 25 11.19	-03 44 53.0	15.5 N	I10
						217P	2009 11 06.35532	06 25 10.73	-03 44 21.0	14.3 N	850

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217P	2009 11 06.37025	06 25 10.62	-03 44 15.8	13.8 N	850	217P	2009 11 12.03611	06 24 11.11	-03 06 48.5	14.2 N	B49
217P	2009 11 06.38521	06 25 10.52	-03 44 10.8	14.5 N	850	217P	2009 11 12.03892	06 24 11.01	-03 06 46.8	14.5 N	B49
217P	2009 11 06.39922	06 25 10.69	-03 44 05.5	14.4 N	H06	217P	2009 11 12.05399	06 24 10.58	-03 06 40.5		B66
217P	2009 11 06.40014	06 25 10.43	-03 44 05.7	14.5 N	850	217P	2009 11 12.25806	06 24 05.77	-03 05 04.3	13.9 N	J47
217P	2009 11 06.40507	06 25 10.65	-03 44 03.2	14.4 N	H06	217P	2009 11 12.26318	06 24 05.65	-03 05 01.8	13.9 N	J47
217P	2009 11 08.03617	06 25 04.57	-03 34 21.9	13.7 N	939	217P	2009 11 12.26638	06 24 05.59	-03 05 00.6	13.9 N	J47
217P	2009 11 08.04317	06 25 04.50	-03 34 19.4	13.7 N	939	217P	2009 11 12.31763	06 24 05.22	-03 04 38.5	14.4 N	850
217P	2009 11 08.04784	06 25 04.45	-03 34 17.7	13.7 N	939	217P	2009 11 12.36373	06 24 04.07	-03 04 18.0	14.4 N	5 850
217P	2009 11 08.31020	06 25 02.50	-03 32 38.0	14.1 N	850	217P	2009 11 13.04786	06 23 49.25	-02 58 57.3	14.0 N	213
217P	2009 11 08.32976	06 25 02.27	-03 32 30.8	14.2 N	850	217P	2009 11 13.05554	06 23 49.04	-02 58 53.8	14.0 N	213
217P	2009 11 08.34929	06 25 02.03	-03 32 23.4	14.1 N	850	217P	2009 11 13.06513	06 23 48.80	-02 58 49.2	14.0 N	213
217P	2009 11 08.36882	06 25 01.78	-03 32 16.0	14.2 N	850	217P	2009 11 13.14628	06 23 46.76	-02 58 07.7	14.0 N	J47
217P	2009 11 08.71962	06 24 58.82	-03 29 46.0	15.5 N	E16	217P	2009 11 13.15356	06 23 46.54	-02 58 04.7	15.7 N	J47
217P	2009 11 08.73075	06 24 58.70	-03 29 40.9	14.8 N	E16	217P	2009 11 13.16892	06 23 46.10	-02 57 57.5	14.0 N	J47
217P	2009 11 08.74068	06 24 58.56	-03 29 38.1	14.6 N	E16	217P	2009 11 14.07350	06 23 24.07	-02 50 35.6	14.0 N	J51
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217P	2009 11 09.01907	06 24 56.35	-03 28 07.8	14.4 N	987	217P	2009 11 14.11628	06 23 22.76	-02 50 14.7	13.9 N	J45
217P	2009 11 09.02027	06 24 56.32	-03 28 07.0	14.4 N	987	217P	2009 11 14.14120	06 23 21.87	-02 50 02.3	12.9 N	J45
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217P	2009 11 09.02766	06 24 55.83	-03 28 02.7	13.5 N	B18	217P	2009 11 14.35368	06 23 16.16	-02 48 16.7	14.4 N	850
217P	2009 11 10.05277	06 24 44.24	-03 21 08.1	13.8 N	J40	217P	2009 11 14.36532	06 23 16.08	-02 48 10.3		H10
217P	2009 11 10.05538	06 24 44.19	-03 21 07.0	13.9 N	J40	217P	2009 11 14.36888	06 23 15.72	-02 48 09.3	14.1 N	850
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217P	2009 11 10.32771	06 24 39.96	-03 19 00.1	15.1 N	I10	217P	2009 11 14.63220	06 23 08.92	-02 45 55.6	11.4 T	349
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217P	2009 11 11.34815	06 24 23.84	-03 11 54.9	14.5 N	H45	217P	2009 11 14.72988	06 23 05.79	-02 45 05.0	13.7 T	372
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217P	2009 11 11.93918	06 24 13.27	-03 07 29.7	13.9 N	J10	217P	2009 11 15.09692	06 22 55.47	-02 41 54.7	13.9 N	J51
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217P	2009 11 12.03330	06 24 11.18	-03 06 49.7	14.5 N	B49	217P	2009 11 16.35164	06 22 16.24	-02 30 46.3	14.4 N	H10

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217P	2009 11 18.99683	06 20 39.40	-02 05 27.9	13.8 N	J38	217P	2009 11 22.10699	06 18 21.16	-01 32 23.8	14.1 N	945
217P	2009 11 19.02167	06 20 38.09	-02 05 10.9	14.2 N	945	217P	2009 11 22.10826	06 18 21.10	-01 32 22.4	14.1 N	945
217P	2009 11 19.02389	06 20 38.04	-02 05 09.7	14.2 N	945	217P	2009 11 22.15289	06 18 18.91	-01 31 50.4	14.3 N	J51
217P	2009 11 19.02573	06 20 37.93	-02 05 08.6	14.2 N	945	217P	2009 11 22.15953	06 18 18.60	-01 31 45.4	14.3 N	J51
217P	2009 11 19.02731	06 20 37.87	-02 05 07.4	14.2 N	945	217P	2009 11 22.16616	06 18 18.22	-01 31 41.6	14.3 N	J51
217P	2009 11 19.02860	06 20 37.79	-02 05 06.7	14.2 N	945	217P	2009 11 22.43823	06 18 04.96	-01 28 38.2	12.0 T	703
217P	2009 11 19.31737	06 20 25.55	-02 01 57.2	14.4 N	I10	217P	2009 11 22.44376	06 18 04.71	-01 28 34.3	11.9 T	703
217P	2009 11 19.31899	06 20 25.48	-02 01 56.2	14.4 N	I10	217P	2009 11 22.44923	06 18 04.32	-01 28 30.3	11.9 T	703
217P	2009 11 19.32053	06 20 25.41	-02 01 55.2	14.4 N	I10	217P	2009 11 22.45478	06 18 04.06	-01 28 26.9	12.0 T	703
217P	2009 11 19.33641	06 20 25.01	-02 01 58.4	14.7 N	H45	217P	2009 11 22.46035	06 18 03.78	-01 28 22.9	11.9 T	703
217P	2009 11 19.33920	06 20 24.88	-02 01 56.8	14.6 N	H45	217P	2009 11 23.42257	06 17 15.96	-01 17 21.8	14.5 N	H10
217P	2009 11 19.34120	06 20 24.79	-02 01 55.5	14.7 N	H45	217P	2009 11 23.43332	06 17 15.46	-01 17 15.2	14.4 N	H10
217P	2009 11 19.34612	06 20 24.58	-02 01 52.4	14.6 N	H45	217P	2009 11 23.96734	06 16 48.62	-01 11 00.6	14.2 N	J38
217P	2009 11 19.34951	06 20 24.42	-02 01 50.5	14.7 N	H45	217P	2009 11 23.97166	06 16 48.41	-01 10 57.7	14.2 N	J38
217P	2009 11 19.39914	06 20 22.10	-02 01 19.6	14.6 N	H47	217P	2009 11 23.97454	06 16 48.26	-01 10 55.9	14.2 N	J38
217P	2009 11 19.40717	06 20 21.74	-02 01 14.6	14.6 N	H47	217P	2009 11 25.22022	06 15 40.96	-00 55 54.0	14.3 N	J47

2009 DEC. 2

M.P.C. 67667

217P	2009 11 25.22343	06 15 40.74	−00 55 51.5	14.3 N	J47	219P	2009 11 15.81918	19 04 52.21	−13 14 03.8	16.9 N	J47
217P	2009 11 25.22549	06 15 40.65	−00 55 49.9	14.3 N	J47	219P	2009 11 16.81905	19 06 37.69	−13 12 15.4	16.6 N	J47
217P	2009 11 25.22752	06 15 40.52	−00 55 48.5	14.3 N	J47	219P	2009 11 16.82338	19 06 38.13	−13 12 15.9	16.6 N	J47
217P	2009 11 25.31550	06 15 36.39	−00 54 45.2	15.0 N	H45	220P/McNaught					
217P	2009 11 25.31703	06 15 36.26	−00 54 44.6	15.1 N	H45	220P	2009 09 22.11496	16 35 04.66	−16 06 28.1	20.8 T	291
217P	2009 11 25.31911	06 15 36.10	−00 54 42.4	15.1 N	H45	220P	2009 09 22.11911	16 35 05.21	−16 06 30.7		291
217P	2009 11 25.32017	06 15 36.03	−00 54 41.6	15.0 N	H45	220P	2009 09 22.12300	16 35 05.73	−16 06 30.9		291
217P	2009 11 25.32147	06 15 35.95	−00 54 40.7	15.1 N	H45	221P/LINEAR					
217P	2009 11 25.32238	06 15 35.92	−00 54 40.1	15.0 N	H45	221P	2009 09 27.99208	23 36 58.58	+12 21 12.7	20.9 N	204
217P	2009 11 26.39416	06 14 35.89	−00 41 19.8	15.2 N	H45	222P/LINEAR					
217P	2009 11 26.39652	06 14 35.75	−00 41 17.9	15.0 N	H45	222P	2009 11 03.12070	08 55 36.15	+25 56 14.0	19.2 N	204
217P	2009 11 26.39758	06 14 35.68	−00 41 17.2	15.2 N	H45	222P	2009 11 24.42995	08 47 56.40	+28 13 35.4	19.3 T	703
217P	2009 11 26.39973	06 14 35.55	−00 41 15.6	15.2 N	H45	222P	2009 11 24.43849	08 47 55.89	+28 13 40.3	19.2 T	703
217P	2009 11 26.40123	06 14 35.46	−00 41 14.5	15.2 N	H45	222P	2009 11 24.44710	08 47 55.35	+28 13 43.4	20.6 T	703
217P	2009 11 26.40230	06 14 35.40	−00 41 13.6	15.1 N	H45	222P	2009 11 24.45572	08 47 54.60	+28 13 47.9	20.2 T	703
217P	2009 11 26.40385	06 14 35.29	−00 41 12.3	14.6 N	H47	224P/LINEAR-NEAT					
217P	2009 11 26.41124	06 14 34.83	−00 41 06.5	14.5 N	H47	224P	2009 10 18.92956	00 42 57.23	−06 42 51.4		204
217P	2009 11 26.41878	06 14 34.40	−00 41 01.0	14.6 N	H47	224P	2009 10 19.01835	00 42 52.20	−06 42 27.4	20.1 N	204
217P	2009 11 27.38854	06 13 38.67	−00 28 37.3	14.1 N	H47	224P	2009 11 11.83874	00 27 27.18	−03 54 24.3	20.0 N	130
217P	2009 11 27.39957	06 13 37.99	−00 28 28.6	14.5 N	H47	225P/LINEAR					
217P	2009 11 27.41040	06 13 37.33	−00 28 20.2	14.5 N	H47	225P	2009 10 26.09753	07 18 46.77	+51 23 32.0	19.6 N	130
217P	2009 11 27.51017	06 13 31.28	−00 27 02.5	14.6 N	H10	225P	2009 10 26.10693	07 18 47.70	+51 23 43.7	19.8 N	130
217P	2009 11 27.51155	06 13 31.22	−00 27 01.3	15.0 N	H10	225P	2009 11 12.11602	07 42 35.68	+56 54 46.6	20.1 N	130
217P	2009 11 27.51283	06 13 31.12	−00 27 00.6	14.8 N	H10	225P	2009 11 12.12688	07 42 36.21	+56 54 59.0	20.2 N	130
217P	2009 11 27.51415	06 13 31.05	−00 26 59.3	15.0 N	H10	225P	2009 11 17.39556	07 45 18.17	+58 27 47.3	19.5 N	H10
217P	2009 11 27.99788	06 13 03.41	−00 20 42.2	14.4 N	213	225P	2009 11 17.39911	07 45 18.17	+58 27 51.5	19.8 N	H10
217P	2009 11 27.99951	06 13 03.29	−00 20 41.1	14.4 N	213	225P	2009 11 17.40265	07 45 18.28	+58 27 54.6	19.8 N	H10
217P	2009 11 28.00115	06 13 03.19	−00 20 39.6	14.4 N	213	225P	2009 11 19.75390	07 45 39.98	+59 07 19.2	20.1 T	349
217P	2009 11 28.04773	06 13 00.25	−00 20 03.0	14.3 N	232	225P	2009 11 19.76115	07 45 39.88	+59 07 26.0		349
217P	2009 11 28.05186	06 12 59.98	−00 19 59.8	14.3 N	232	225P	2009 11 24.36601	07 44 49.92	+60 20 07.7	20.0 T	703
217P	2009 11 28.05604	06 12 59.71	−00 19 56.6	14.3 N	232	225P	2009 11 24.37086	07 44 49.74	+60 20 11.7	21.1 T	703
217P	2009 11 28.12584	06 12 55.27	−00 19 01.0	14.2 N	945	225P	2009 11 24.37595	07 44 49.56	+60 20 17.2	20.3 T	703
217P	2009 11 28.12873	06 12 55.14	−00 18 58.7	14.2 N	945	225P	2009 11 24.38094	07 44 49.48	+60 20 22.3	20.8 T	703
217P	2009 11 28.13061	06 12 55.03	−00 18 57.0	14.2 N	945	225P	2009 11 24.46496	07 44 46.76	+60 21 39.2	20.4 T	703
217P	2009 11 28.13612	06 12 54.66	−00 18 53.0	14.2 N	945	225P	2009 11 24.46726	07 44 46.64	+60 21 40.8	20.2 T	703
217P	2009 11 28.13999	06 12 54.43	−00 18 50.0	14.2 N	945	225P	2009 11 24.46961	07 44 46.65	+60 21 42.3	19.9 T	703
217P	2009 11 28.37381	06 12 40.50	−00 15 43.9	15.3 N	H45	225P	2009 11 24.47194	07 44 46.58	+60 21 46.3	19.9 T	703
217P	2009 11 28.37601	06 12 40.36	−00 15 42.0	15.4 N	H45	226P/Pigott-LINEAR-Kowalski					
217P	2009 11 28.37758	06 12 40.26	−00 15 40.7	15.4 N	H45	226P	2009 10 15.13321	09 12 11.42	+50 16 51.0	18.3 N	C08
217P	2009 11 28.37874	06 12 40.19	−00 15 39.9	15.3 N	H45	226P	2009 11 05.48163	10 05 03.93	+54 44 36.6	19.4 N	H36
217P	2009 11 28.38016	06 12 40.09	−00 15 38.7	15.4 N	H45	226P	2009 11 05.48933	10 05 05.07	+54 44 44.0	19.6 N	H36
217P	2009 11 28.38168	06 12 40.00	−00 15 37.5	15.3 N	H45	226P	2009 11 05.49704	10 05 06.12	+54 44 50.0	20.0 N	H36
217P	2009 11 29.14418	06 11 53.95	−00 05 25.4	14.3 N	J47	226P	2009 11 08.79255	10 12 49.15	+55 28 30.1	18.9 T	349
217P	2009 11 29.14942	06 11 53.61	−00 05 21.2	14.3 N	J47	226P	2009 11 08.79697	10 12 49.64	+55 28 32.7		349
217P	2009 11 29.15860	06 11 52.99	−00 05 13.6	14.3 N	J47	226P	2009 11 14.40245	10 25 34.23	+56 44 35.1	19.9 N	850
217P	2009 11 29.16400	06 11 52.63	−00 05 09.2	14.3 N	J47	226P	2009 11 14.42942	10 25 37.88	+56 44 58.0	19.3 N	850
217P	2009 11 29.16760	06 11 52.41	−00 05 06.3	14.3 N	J47	226P	2009 11 23.75634	10 45 32.57	+58 56 44.0	19.5 T	349
219P/LINEAR						226P	2009 11 23.76225	10 45 33.37	+58 56 48.7		349
219P	2009 10 30.82163	18 38 00.70	−13 30 41.7	17.9 N	J47						
219P	2009 10 30.82527	18 38 01.10	−13 30 41.4	18.3 N	J47						
219P	2009 11 15.80942	19 04 51.27	−13 14 06.5	16.9 N	J47						
219P	2009 11 15.81433	19 04 51.80	−13 14 04.1	16.7 N	J47						

228P/LINEAR

228P	2009 10 26.12364	03 18 42.44	+21 25 36.9	20.3 N	2 204
228P	2009 11 10.36094	03 08 26.05	+21 08 10.1	19.8 T	G96
228P	2009 11 10.36694	03 08 25.83	+21 08 09.4	20.0 T	G96
228P	2009 11 10.37308	03 08 25.58	+21 08 09.2	20.0 T	G96
228P	2009 11 10.37931	03 08 25.29	+21 08 08.3	19.8 T	G96
228P	2009 11 11.35399	03 07 43.96	+21 06 41.7	20.0 T	G96
228P	2009 11 11.35962	03 07 43.71	+21 06 40.2	20.5 T	G96
228P	2009 11 11.36529	03 07 43.42	+21 06 40.6	19.6 T	G96
228P	2009 11 11.37091	03 07 43.21	+21 06 39.5	19.9 T	G96
228P	2009 11 11.90253	03 07 20.72	+21 05 50.1		204
228P	2009 11 12.12017	03 07 11.32	+21 05 30.5	20.0 N	204
228P	2009 11 19.70509	03 01 51.02	+20 53 03.4		349
228P	2009 11 19.71376	03 01 50.69	+20 53 02.1	19.8 T	349
228P	2009 11 21.98547	03 00 17.21	+20 49 06.1	20.0 N	J01

229P/Gibbs

229P	2001 08 23.60821	02 14 09.59	-06 22 20.8	20.0 N	608
229P	2001 08 24.61243	02 14 47.80	-06 35 40.8	20.2 N	608
229P	2001 09 24.48475	02 22 42.84	-14 38 01.7	19.8 N	644
229P	2001 09 24.50631	02 22 42.65	-14 38 22.6	19.3 N	644
229P	2001 10 27.27596	02 09 16.92	-22 00 18.3	19.3 N	644
229P	2001 10 27.28631	02 09 16.49	-22 00 23.6	19.9 N	644
229P	2001 10 27.29669	02 09 16.13	-22 00 28.7	19.7 N	644
229P	2009 10 26.02567	04 01 16.59	-17 59 31.4	18.8 N	204
229P	2009 10 26.10300	04 01 14.53	-18 00 19.7		204
229P	2009 11 08.64966	03 53 59.07	-19 54 59.2		D90
229P	2009 11 08.65543	03 53 58.86	-19 55 01.2	19.2 T	D90
229P	2009 11 08.66121	03 53 58.65	-19 55 03.0		D90
229P	2009 11 09.99696	03 53 07.70	-20 03 10.0	18.1 N	204
229P	2009 11 10.03231	03 53 06.27	-20 03 22.1		204
229P	2009 11 16.97895	03 48 29.69	-20 34 13.6	17.8 N	A77
229P	2009 11 16.98207	03 48 29.51	-20 34 14.1	17.9 N	A77
229P	2009 11 16.98672	03 48 29.32	-20 34 14.4	17.7 N	A77
229P	2009 11 17.32139	03 48 15.48	-20 35 11.0	18.2 N	I10
229P	2009 11 17.32521	03 48 15.32	-20 35 11.6	18.4 N	I10
229P	2009 11 18.30263	03 47 35.71	-20 37 56.2	18.6 N	I10
229P	2009 11 18.30417	03 47 35.59	-20 37 54.8	18.2 N	I10
229P	2009 11 18.35045	03 47 33.90	-20 38 04.7	18.0 T	703
229P	2009 11 18.35758	03 47 33.43	-20 38 04.6	17.6 T	703
229P	2009 11 18.36471	03 47 33.18	-20 38 06.0	18.0 T	703
229P	2009 11 18.37177	03 47 32.82	-20 38 06.3	17.8 T	703
229P	2009 11 19.60318	03 46 43.08	-20 41 00.3		900
229P	2009 11 19.61246	03 46 42.75	-20 40 59.2	17.4 T	900
229P	2009 11 20.15087	03 46 20.93	-20 42 02.0	19.0 N	I10
229P	2009 11 20.17345	03 46 20.01	-20 42 04.8	19.0 N	I10
229P	2009 11 20.27093	03 46 16.05	-20 42 20.3	17.7 N	H10
229P	2009 11 20.27448	03 46 15.90	-20 42 19.9	17.6 N	H10
229P	2009 11 20.27803	03 46 15.71	-20 42 19.8	18.6 N	H10
229P	2009 11 24.96969	03 43 08.46	-20 46 35.3	17.6 N	A77
229P	2009 11 25.24085	03 42 57.64	-20 46 29.3	17.7 N	I10
229P	2009 11 25.24709	03 42 57.42	-20 46 29.4	17.9 N	I10

Note 1: very faint image. 2: faint image. 3: observation with the SOHO-LASCO C3 coronagraph. 4: high-quality observation. 5: involved with star.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

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

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
Jupiter VII	2009 11	18.06850	21 25 14.60	-15 46 33.3	18.2	704
Jupiter VII	2009 11	18.08104	21 25 14.90	-15 46 31.5	18.4	704
Jupiter VII	2009 11	18.09368	21 25 15.13	-15 46 30.3	18.3	704
Jupiter VII	2009 11	18.10620	21 25 15.42	-15 46 28.7	18.5	704
Jupiter VII	2009 11	18.11884	21 25 15.83	-15 46 26.8	18.4	704
Jupiter VIII	2009 11	18.06850	21 22 56.27	-15 20 07.6	18.1	704
Jupiter VIII	2009 11	18.08104	21 22 56.52	-15 20 06.7	18.4	704
Jupiter VIII	2009 11	18.09368	21 22 56.85	-15 20 04.2	18.1	704
Jupiter VIII	2009 11	18.11884	21 22 57.49	-15 20 01.9	18.6	704
Jupiter IX	2009 11	08.53718	21 16 10.65	-16 17 42.4	18.7 V	415
Jupiter IX	2009 11	18.06823	21 20 08.01	-16 01 07.5	18.5	704
Jupiter IX	2009 11	18.08076	21 20 08.37	-16 01 05.7	18.6	704
Jupiter IX	2009 11	18.09340	21 20 08.71	-16 01 03.9	18.7	704
Jupiter IX	2009 11	18.10593	21 20 09.09	-16 01 02.7	18.8	704
Jupiter IX	2009 11	18.11856	21 20 09.39	-16 01 01.9	18.6	704
Jupiter XI	2009 11	08.52032	21 15 54.12	-17 28 59.1	18.2 V	415
Jupiter XI	2009 11	08.52734	21 15 54.24	-17 28 58.4	18.6 V	415
Jupiter XI	2009 11	18.06808	21 19 39.08	-17 10 11.8	18.4	704
Jupiter XI	2009 11	18.08062	21 19 39.40	-17 10 09.7	18.7	704
Jupiter XI	2009 11	18.09326	21 19 39.73	-17 10 08.2	18.9	704
Jupiter XI	2009 11	18.10579	21 19 40.07	-17 10 06.5	18.5	704
Jupiter XI	2009 11	18.11842	21 19 40.41	-17 10 04.6	18.6	704
Jupiter XII	2009 11	08.49269	21 27 17.79	-17 11 13.0	20.3 V	415
Jupiter XII	2009 11	08.50672	21 27 18.11	-17 11 10.9	19.0 V	415
Neptune II	2009 11	08.45516	21 44 28.49	-14 01 24.0	19.6 V	415
Neptune II	2009 11	08.46918	21 44 28.46	-14 01 23.7	19.4 V	415

OBSERVATIONS OF MINOR PLANETS

The summary lists, for each observatory code, provide a count of the total number of observations, of the number of objects and of the number of discoveries followed by an asterisk, together with the total range of dates covered by the observations.

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

[9, 3, 0*, 2002/10/30–2005/01/14]

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

[31, 10, 0*, 2009/04/24–2009/05/01]

071 Rhozen

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

Observers A. Kostov, V. Ivanova

Measurers B. Bilkina, G. Apostolovska

0.50-m $f/3.44$ Schmidt + CCD

GSC-1.1

[34, 6, 0*, 2009/11/13–2009/11/14]

094 Simeïs

S. Barabanov, 48 Pyatnitskaya Street, Moscow 109017, Russia

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1.0-m Ritchey-Chrétien

[4, 1, 0*, 2006/07/30–2006/07/31]

097 Wise Observatory, Mitzpeh Ramon

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

[Eran@wise.tau.ac.il]

Observer D. Polishook

1.0-m $f/7$ reflector + CCD

USNO-A2.0

[4, 2, 0*, 2004/09/18–2004/09/19]

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

[3, 1, 0*, 2008/09/29]

106 Crni Vrh

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Observers B. Mikuž, S. Matičič, J. Vales

0.60-m $f/3.3$ Deltagraph + CCD

UCAC-2

[2933, 724, 1*, 2008/06/30–2009/11/21]

113 Volkssternwarte Drebach, Schoenbrunn

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

[g.lehmann@abo.freiepresse.de]

Observers G. Lehmann, J. Kandler

0.5-m reflector + CCD

UCAC-2

[68, 17, 1*, 2009/11/19–2009/11/26]

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, B. Satovski

0.3-m $f/7.7$ reflector + CCD

UCAC-2

[4006, 525, 29*, 2009/07/24–2009/11/29]

118 Modra

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

[ago@fmph.uniba.sk]

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

0.6-m $f/5.5$ reflector + CCD

UCAC-2

[131, 15, 2*, 2009/10/29–2009/11/25]

121 Kharkov University, Chuguevskaya Station

Yu. N. Krugly, Astronomical Observatory, Kharkiv National University, Sumska

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0.70-m $f/4$ reflector + CCD

[2, 1, 0*, 1995/11/20]

122 Pises Observatory

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[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

[3, 1, 0*, 2008/09/28–2008/09/29]

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

[244, 73, 0*, 2009/10/25–2009/11/12]

143 Gnosca

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

Observer S. Sposetti

Measurers S. Sposetti, R. Behrend

0.40-m $f/4.0$ reflector + CCD

UCAC-2

[3, 1, 0*, 1999/10/31]

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

[9, 2, 0*, 2009/11/11]

152 Moletai Astronomical Observatory

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

Observers K. Černis, M. Maskoliunas, J. Zdanavicius

0.35-m $f/3.5$ reflector + CCD

UCAC-2, USNO-B1.0

[392, 110, 0*, 2003/03/27–2009/11/21]

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

[231, 48, 0*, 2009/11/03–2009/11/20]

168 Kourovskaya

G. S. Romashin, Kourovskaya Astronomical Observatory, Sloboda, Pervouralskij region, 623072 Sverdlovsk Oblast, Russia [edkuz@astro.urgu.e-burg.su]

Observers G. Kaiser, J. Wibe

0.40-m $f/0.78$ Schmidt + CCD

UCAC-2

[130, 7, 0*, 2009/08/19–2009/10/14]

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

[181, 47, 3*, 2009/11/11–2009/11/23]

188 Majdanak

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

Observers B. Satovski, T. V. Kryachko

Measurer T. V. Kryachko

0.36-m $f/8.2$ reflector + CCD

UCAC-2, USNO-A2.0

[241, 5, 0*, 2009/10/19–2009/10/20]

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

[215, 36, 1*, 2009/11/11–2009/11/26]

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

[187, 62, 0*, 2009/10/25–2009/11/25]

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

[13, 5, 0*, 2001/02/16–2002/03/13]

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

[15, 5, 0*, 2009/10/30]

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

CMC

[3, 1, 0*, 2009/11/28]

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

[11, 3, 0*, 2009/10/31–2009/11/20]

240 Herrenberg

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

0.40-m $f/5$ reflector + CCD

UCAC-2

[26, 7, 0*, 2009/11/04–2009/11/11]

260 Siding Spring-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, 1, 0*, 1977/07/17–1990/09/22]

290 Mt. Graham

M. Holman, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [mholman@cfa.harvard.edu] (1)

1.8-m $f/9.0$ reflector + CCD

[4, 2, 0*, 2007/02/22–2007/04/24]

291 LPL/Spacewatch II

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

Observers J. V. Scotti, T. H. Bressi, R. S. McMillan, M. T. Read
1.8-m $f/2.7$ reflector + CCD
USNO-B1.0

[11763, 3194, 218*, 2001/05/23–2009/11/28]

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

1.0-m $f/3.0$ reflector + CCD
GSC-ACT, UCAC-2, USNO-B1.0

[766, 149, 22*, 2007/10/19–2009/11/28]

309 Cerro Paranal

A. Boattini, IASF-CNR, Area di Ricerca Tor Vergata, Via Fosso del Cavaliere 100, I-00133 Rome, Italy [boattini@rm.iasf.cnr.it] (1)

[10, 1, 0*, 2003/07/29]

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

[17, 5, 0*, 1995/09/28–2000/09/29]

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

[4, 1, 0*, 2003/02/09]

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

[3, 1, 0*, 2009/11/03]

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

[69, 15, 0*, 2009/10/13–2009/11/14]

367 Yatsuka

H. Abe, 461-2, Futago, Yatsuka-Cho, Shimane-Ken, 690-14 Japan [abehiro@daikonshima.or.jp]

0.26-m $f/6.0$ reflector + CCD
UCAC-2, USNO-B1.0

[2, 1, 0*, 2009/11/23]

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, USNO-B1.0, UCAC-3

[315, 17, 0*, 2009/10/30–2009/11/27]

413 Siding Spring

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

1.0-m $f/8$ reflector + CCD

[3, 1, 0*, 2000/02/26]

415 Kambah

D. Herald, P.O. Box 254, Woden, ACT 2606, Australia [DRHerald@bigpond.net.au]

0.36-m $f/3.9$ Schmidt-Cassegrain + CCD
UCAC-3

[2, 1, 0*, 2009/11/08]

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, 1, 0*, 2009/11/16–2009/11/26]

443 Obs. Astronomico Plomer, Buenos Aires

S. Arlia, Tres Lomas 496, AR-1702 Ciudadela, Buenos Aires, Argentina [saverio@sinectis.com.ar]

0.20-m $f/6.0$ reflector
NOMAD

[23, 1, 0*, 2009/09/16–2009/11/12]

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

[295, 75, 1*, 2009/11/01–2009/11/28]

461 University of Szeged, Piskéztető Stn. (Konkoly)

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

0.60-m Schmidt + CCD
USNO-B1.0

[13, 5, 0*, 1998/01/05–2009/04/22]

473 Remanzacco

G. Sostero, via S.Stefano 31, I-33047 Remanzacco (UD), Italy [sostero@elettra.trieste.it]

Observers L. Donato, V. Gonano, E. Guido, V. Santini, G. Sostero
0.45-m $f/4.4$ Newtonian reflector + CCD
UCAC-2

[4, 2, 0*, 2009/11/11]

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 A. C. Gilmore, P. M. Kilmartin

1.0-m $f/7.7$ reflector + CCD

USNO-B1.0

[7, 2, 0*, 2009/11/18]

493 Calar Alto

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

3.5-m $f/2.7$ reflector + CCD

USNO-A2.0

[5, 2, 0*, 2001/06/20–2009/02/19]

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

[28, 10, 0*, 2009/11/13–2009/11/20]

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

[30, 6, 0*, 1998/11/12–2009/10/31]

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

[27, 7, 0*, 2009/11/03–2009/11/11]

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

Measurers D. Chestnov, A. Novichonok

1.0-m $f/2.2$ GEODSS telescope + CCD

NOMAD

[33, 11, 0*, 1996/06/21–1998/08/19]

568 Mauna Kea

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

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

K. J. Meech, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [meech@nihoa.ifa.hawaii.edu] (7)

D. D. Balam, Dominion Astrophysical Observatory, 5071 West Saanich Road, Victoria, BC, Canada [cosmos@uvic.ca] (9)

J. Pittichová, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [jana@buracik.ifa.hawaii.edu] (11)

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)

O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France [ovidiu.vaduvescu@gmail.com] (25)

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

Measurers D. J. Tholen, G. T. Elliott, M. E. Schwamb, M. E. Brown, J. Pittichová, S. Chesley, O. Vaduvescu, A. Tudorica, R. Toma, M. Birlan, D. Vidican,

C. Opriseanu, M. Badea, D. Dumitru

2.24-m University of Hawaii reflector, 8-m reflector + CCD, 3.6-m $f/4.2$ reflector + CCD

USNO-B1.0, USNO-A2.0

{11} [4, 1, 1*, 2009/11/14–2009/11/16]

{19} [44, 12, 0*, 2004/04/26–2007/07/29]

{20} [84, 21, 2*, 2005/09/30–2005/12/03]

{22} [2, 1, 0*, 2009/10/18]

{2} [29, 7, 0*, 2008/08/13–2009/11/11]

{3} [15, 5, 0*, 1997/06/05–1999/12/29]

{7} [2, 1, 0*, 2003/07/08]

{9} [3, 1, 0*, 2007/01/17]

{25} [1, 1, 0*, 2003/10/03]

585 Kiev comet station

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

Observers A. Baransky, A. Kazantsev, K. Barinova

0.7-m $f/4$ reflector + CCD

UCAC-2

[2, 1, 0*, 2009/10/26]

595 Farra d'Isonzo

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

[ccaf@ccaf.it]

Observer E. Pettarin

0.40-m $f/4.5$ reflector + CCD

USNO-A2.0

[16, 5, 1*, 2009/10/26–2009/11/11]

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

[139, 40, 0*, 2002/07/12–2005/11/11]

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

Measurers R. J. Bouma, F. Fratev, S. Foglia, M. Tombelli, K. Sárneczky,
D. Chestnov, H. Bill, L. Elenin, R. Kracht

1.2-m reflector + CCD

USNO-B1.0, NOMAD, UCAC-2

[286, 89, 1*, 1997/10/23–2005/09/02]

615 St. Véran

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

[Sky.walker@wanadoo.fr]

0.62-m $f/3$ reflector + CCD

USNO-SA2.0

[3, 1, 0*, 2003/03/08]

620 Observatorio Astronómico de Mallorca

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

Observers S. Sanchez, R. Stoss, J. Nomen

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

USNO-B1.0, UCAC-2

[3, 1, 0*, 2008/07/23]

621 Bergisch Gladbach

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

0.60-m $f/5.2$ reflector + CCD

UCAC-3

[471, 128, 4*, 2001/02/16–2009/11/20]

628 Mülheim-Ruhr

A. Martin, Turtle Star Observatory, Friedhostr. 15, D-45478 Mülheim-Ruhr,
Germany [axelm@bph.ruhr-uni-bochum.de]

Observers A. Boeker, A. Martin, K. Kleemann-Boeker, M. Tator

0.35-m $f/5.4$ reflector + CCD, 0.30-m $f/5$ reflector + CCD

USNO-B1.0

[9, 4, 0*, 2009/11/13]

644 Palomar Mountain/NEAT

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

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

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

Measurers R. Kracht, T. Csörgei, H. Bill, R. J. Bouma, R. Matson, S. Foglia,
M. Tombelli, S. Yuan, D. Chestnov, K. Sárneczky, M. Mašek

1.2-m Oschin Schmidt + CCD

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

[4026, 846, 72*, 2001/05/02–2007/03/30]

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]

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

[1196, 540, 0*, 1998/09/19–2004/04/16]

651 Grasslands Observatory, Tucson

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

[mcgaha@skepticus.com]

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

USNO-A2.0

[39, 13, 0*, 2009/11/16–2009/11/24]

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] (1)

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

Observers W. M. Owen, Jr., J. R. Foster, D. Mayes

0.61-m $f/16$ reflector + CCD

UCAC-2, USNO-B1.0

{1} [134, 58, 0*, 2009/11/08–2009/11/09]

{5} [43, 10, 0*, 2009/11/17–2009/11/20]

675 Palomar Mountain

M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech,
Pasadena, CA 91125, U.S.A. [mbrown@caltech.edu] (29)

Observers M. E. Schwamb, M. E. Brown, D. L. Rabinowitz

1.2-m Oschin Schmidt + CCD

USNO-A2.0

[121, 23, 1*, 2007/05/08–2009/10/11]

682 Kanab

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

[mened@xpressweb.com]

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

UCAC-2, USNO-B1.0

[18, 8, 0*, 2009/11/19–2009/11/27]

683 Goodricke-Pigott Observatory, Tucson

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

[gpobs@mindspring.com]

0.35-m reflector + CCD

UCAC-2

[5428, 655, 8*, 2004/09/21–2009/11/24]

688 Lowell Observatory, Anderson Mesa Station

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

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

{1} [3, 1, 0*, 1998/04/19]

{5} [16, 8, 0*, 2000/03/03–2009/03/24]

691 Steward Observatory, Kitt Peak

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

Observers J. V. Scotti, T. H. Bressi, R. S. McMillan, M. T. Read

Measurer J. L. Montani

0.9-m $f/3$ reflector + CCD

USNO-B1.0

[151739, 23923, 3773*, 1991/09/08–2009/11/27]

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)

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ
85721, U.S.A. [chergen@pir1.lpl.arizona.edu] (5)

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

2.3-m Steward reflector + CCD

USNO-A2.0

{23} [53, 24, 0*, 2004/10/10–2007/02/21]

{1} [188, 93, 0*, 1995/01/29–2006/05/02]

{3} [8, 2, 0*, 2001/11/19–2002/12/02]

{5} [3, 1, 0*, 1996/12/14]

696 Whipple Observatory, Mt. Hopkins

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

1.2-m reflector + CCD

USNO-B1.0

[3, 1, 0*, 1998/06/19]

699 Lowell Observatory-LONEOS

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

Observers B. W. Koehn, B. A. Skiff, M. E. Van Ness

Measurers B. W. Koehn, W. Kelly, B. A. Skiff, M. E. Van Ness, R. A. Cash

0.59-m LONEOS Schmidt + CCD

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

[1113, 256, 4*, 1998/08/23–2007/10/15]

701 Junk Bond Observatory, Sierra Vista

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

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

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

[5, 2, 0*, 2004/06/21–2004/12/13]

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

[205862, 35010, 849*, 1999/04/17–2009/11/27]

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

[244998, 33866, 154*, 2004/09/14–2009/11/25]

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)

Measurers A. W. Puckett, J. Smith, C. Williams, M. F. Boyle, Jr., S. R. Nixon,
L. M. Riley, M. Rowell, L. J. Lockwood, K. K. Wollert, M. M. Vaia,
D. Anderson, R. Portlock, M. Botikov, D. Harmeling, E. Halsey,
J. McFarlane, R. M. LeDonne, N. Vang, V. M. Grimes, S. M. Holland,
M. M. Ostermick, A. K. Smith, J. N. Pena, C. G. Viens, K. Corbell,
A. K. Kyle, S. Craft, C. Gadowski, T. Thompson, R. Hatcher, T. Stanton,
S. A. Sullivan, A. J. Savage, A. A. Shiell

2.5-m $f/5$ Ritchey-Chrétien + CCD

UCAC-1, Tycho-2

{3} [6, 2, 0*, 2004/09/08]

{4} [131, 9, 0*, 2007/10/12–2007/11/29]

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

[3, 1, 0*, 2004/12/05]

735 George Observatory, Needville

W. G. Dillon, 4703 Birkenhead Circle, Missouri City, TX 77459, U.S.A.
[bdillon@houston.geoquest.slb.com]

Observers C. Sexton, J. Dellinger, M. Eastman

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

UCAC-2

[211, 47, 3*, 2002/05/02–2009/11/23]

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)
 1.0-m $f/10$ reflector + CCD, 0.9-m reflector + CCD
 USNO-A2.0, USNO-B1.0, UCAC-2
 {15} [27, 12, 0*, 2005/08/08–2007/04/22]

{1} [207, 102, 0*, 2000/07/29–2006/04/28]

{3} [19, 6, 0*, 2000/03/06–2002/01/10]

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. Lépez, J. E. Torres
 0.5-m $f/7.5$ double astrograph + CCD
 USNO-A2.0
 [38, 8, 0*, 2009/10/28–2009/10/30]

809 European Southern Observatory, La Silla

C. Cavadore, MitterWeg Str. 2, D-85748 Garching bei Muenchen, Germany [ccavador@eso.org] (1)
 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)
 O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France [ovidiv@astroclubul.org] (32)
 Observers S. Protopapa, J. Carson, N. Joshi, A. Galád, T. Henych, P. Pravec
 2.2-m $f/8.0$ Ritchey-Chrétien + CCD, 1.54-m Danish Telescope + CCD
 USNO-B1.0
 [170, 17, 4*, 2009/10/01–2009/11/18]

{1} [8, 2, 0*, 2000/02/15]

{4} [24, 7, 0*, 1993/10/12–1997/04/07]

{8} [12, 10, 0*, 1993/03/18–1997/11/07]

{9} [22, 7, 0*, 2003/01/25–2005/02/18]

{32} [20, 2, 0*, 2008/03/11–2008/03/12]

844 Los Molinos

G. Tancredi, Departamento Astronomia, Facultad Ciencias, Igua 4225, UY-11400 Montevideo, Uruguay [gonzalo@fisica.edu.uy]
 Observers S. Bruzzone, S. Roland, S. Salvo, G. Tancredi, R. Salvo, M. Martinez
 0.35-m reflector + CCD
 USNO-A2.0
 [20, 3, 0*, 2009/11/06–2009/11/08]

850 Cordell-Lorenz Observatory, Sewanee

D. T. Durig, SPO 1242, Sewanee, TN 37383, U.S.A. [ddurig@sewanee.edu]
 Observers D. T. Durig, K. R. Wakefield, L. E. Walters, M. Z. Georgieva, S. D. Harris, T. D. Moore, F. A. Schmidt, A. Z. Butler, J. L. Carter, P. M. Johnson, W. G. Johnson, M. B. Barry, M. A. Cowan, C. A. Thaddeus, J. R. Pippin, C. M. Allen, E. K. Kegan, J. C. Cochran
 0.30-m Schmidt-Cassegrain + CCD, 0.35-m Schmidt-Cassegrain + CCD
 UCAC-2, USNO-B1.0
 [197, 37, 2*, 2005/10/05–2009/11/28]

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
 [91, 30, 0*, 2009/11/08–2009/11/27]

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
 [158, 75, 0*, 2009/11/03–2009/11/26]

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
 [81, 27, 0*, 1996/10/17–1999/01/06]

926 Tenagra II Observatory

M. Schwartz, Tenagra Observatories, HC 2 Box 292, Nogales, AZ 85621, U.S.A. [mbs@tenagraobservatories.com]
 Observers M. Schwartz, L. Elenin, P. R. Holvorcem, J.-C. Merlin, I. Robbins, M. Ory
 0.81-m Ritchey-Chrétien + CCD
 UCAC-2, USNO-A2.0, UCAC-3, USNO-B1.0
 [1070, 235, 13*, 2003/05/25–2009/11/28]

932 John J. McCarthy Obs., New Milford

M. Robson, P.O. Box 1144, New Milford, CT 06776, U.S.A. [mail@mccarthyobservatory.org]
 Observers S. Riley, D. Vill, M. Robson, D. Cartolano
 0.4-m $f/6.5$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-B1.0, NOMAD
 [170, 44, 0*, 2009/11/19–2009/11/29]

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

[6, 2, 0*, 2009/11/16–2009/11/28]

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

[65, 13, 6*, 2009/10/25–2009/11/07]

945 Observatorio Monte Deva

R. Cuesta, Avda de Portugal 52 1 D, E-33207 Gijon, Asturias, Spain
[ruli12@bigfoot.com]

Observer J. R. Vidal
0.36-m $f/4.48$ Schmidt-Cassegrain + CCD
CMC

[5, 1, 0*, 2009/11/17–2009/11/18]

947 Saint-Sulpice

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

0.60-m $f/5.6$ reflector + CCD
UCAC-2

[54, 12, 5*, 2007/01/23–2009/11/20]

950 La Palma

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

O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France
[ovidiuv@astroclubul.org] (23)

Observers O. Vaduvescu, J. Iglesias-Paramo
Measurers A. Sonka, O. Vaduvescu, A. Tudorica, T. Badescu, M. Constantinescu
4.2-m $f/11$ reflector, 2.5-m $f/3.3$ reflector + CCD
USNO-A2.0, USNO-B1.0

{23} [103, 22, 2*, 2009/11/07–2009/11/14]

{3} [29, 9, 0*, 1998/11/19–2002/12/05]

987 Isle of Man Observatory, Foxdale

D. Storey, 38 Hailwood Ave, Douglas, Isle of Man IM2 7DG, United Kingdom
[dave.storey@iomastronomy.org]

0.40-m $f/10$ Schmidt-Cassegrain + CCD
CMC, NOMAD

[6, 1, 0*, 2009/11/14]

A13 Observatoire Naef, Marly

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

0.5-m $f/3.3$ Hypergraph + CCD

UCAC-2, UCAC-3

[402, 147, 4*, 2006/11/27–2009/11/28]

A16 Tentlingen

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

0.3-m $f/4$ reflector + CCD

UCAC-3

[3, 1, 0*, 2009/11/13]

A17 Guidestar Observatory, Weinheim

M. Emmerich, Brunhildstrasse 31, D-69469 Weinheim, Germany
[mark@guidestar.de]

Observers M. Emmerich, S. Melchert
0.36-m $f/6$ Schmidt-Cassegrain + CCD
UCAC-2

[30, 10, 0*, 2009/11/18–2009/11/22]

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

[12, 1, 0*, 2009/10/25–2009/11/21]

A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany
[joachim.lorenz.hormersdorf@t-online.de]

0.30-m $f/6.0$ reflector + CCD
UCAC-2

[4, 1, 0*, 2009/11/19]

A44 Altschwendt

W. Ries, Privatobservatory Altschwendt, Altenseng 6, A-4721 Altschwendt, Austria
[diriesw@aon.at]

0.3-m $f/6$ reflector + CCD
USNO-SA2.0, UCAC-2

[6, 2, 0*, 2007/05/18–2007/09/22]

A48 Povegliano Veronese

F. Rossetti, Via Di Vittorio 6, Povegliano Veronese (Verona), Italy
[rosfla@libero.it]

0.30-m $f/5$ reflector + CCD
UCAC-3, USNO-A2.0

[12, 3, 0*, 2009/11/03–2009/11/10]

A50 Andrushivka Astronomical Observatory

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

Observers Y. Ivashchenko, P. Kyrylenko, P. Ostafijchuk, Y. Kazmirchuk
Measurers A. Nikolajchuk, Y. Ivashchenko

0.6-m reflector + CCD

USNO-A2.0

[1289, 424, 8*, 2009/09/16–2009/11/21]

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

[13, 3, 0*, 2009/10/26–2009/11/10]

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, CMC

[40, 7, 2*, 2009/11/16–2009/11/25]

A70 Lumijoki

V. Kallio, Luontotie 48, SF-91980 Lumijoki, Finland

[veijo.kallio@mail.suomi.net]

0.40-m $f/5.0$ reflector

USNO-A2.0

[6, 2, 0*, 2009/10/29–2009/10/31]

A71 Stixendorf

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria

[vollmann@gmx.at]

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

0.25-m $f/3.8$ reflector + CCD

UCAC-2

[18, 3, 0*, 2009/11/05–2009/11/23]

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

[11, 3, 0*, 2009/11/19–2009/11/20]

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-SA2.0, NOMAD

[1683, 449, 25*, 2007/10/15–2009/11/28]

A79 Zvezdno Obshtestvo Observatory, Plana

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

Observers F. Fratev, B. Borisov

0.35-m $f/3.4$ reflector + CCD

USNO-A2.0

[579, 136, 10*, 2009/11/12–2009/11/27]

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, USNO-B1.0

[31, 6, 0*, 2009/10/30–2009/11/25]

A92 Urseanu Observatory, Bucharest

A. Sonka, Astronomical Observatory Amiral Vasile Urseanu, Bd. Lascar Catargiu

nr. 21, sect. 1, Bucharest, Romania [bruno@astroclubul.org]

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

USNO-B1.0

[5, 1, 0*, 2009/11/20]

A99 Osservatorio del Monte Baldo

F. Castellani, Osservatorio del Monte Baldo, Malcesine, Italy

[flaviocastellani@libero.it]

Observer C. Flavio

Measurers M. Claudio, C. Flavio

0.4-m reflector + CCD

USNO-B1.0

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

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*, 2009/11/09–2009/11/28]

B11 Osservatorio Cima Rest, Magasa

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

[m.toninelli@alice.it]

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

USNO-B1.0

[29, 11, 2*, 2009/11/21–2009/11/25]

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

[36, 5, 0*, 2009/10/30–2009/11/19]

B18 Terskol

S. Barabanov, Institute of Astronomy of RAS, 48 Pyatnitskaya, Moscow 109017,

Russia [inasan@burbonz.nalnet.ru]

Observers M. Andreev, A. Sergeev, N. Parakhin, V. Kozlov, N. Karpov

0.6-m $f/12.8$ reflector + CCD, 0.29-m $f/6.3$ reflector + CCD, 0.35-m $f/10$

Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[42, 12, 0*, 2009/11/07–2009/11/24]

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

[106, 25, 5*, 2007/11/01–2009/11/22]

B23 Fiamene

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

[robertobiondani@aliceposta.it]

0.50-m $f/6$ reflector + CCD

UCAC-3

[14, 5, 0*, 2009/11/11]

B28 Mandi Observatory, Pagnacco

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

0.45-m $f/4.5$ reflector + CCD

NOMAD

[4, 1, 0*, 2009/11/01]

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

[9, 3, 0*, 2009/11/10–2009/11/17]

B49 Paus Observatory, Sabadell

J. Camarasa, CC/ de les Paus no. 96 bajos, E-08202 Sabadell (BCN), Spain
[jordi.camarasa@ya.com]

0.25-m $f/4$ Newtonian reflector + CCD
CMC, USNO-A2.0

[21, 4, 0*, 2009/11/09–2009/11/24]

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, UCAC-3

[124, 26, 4*, 2009/11/12–2009/11/26]

B74 Santa Maria de Montmagastrell

J. M. Bosch, Carrer del Nord, 29, 3r, 2a, E-25300 Tàrraga, Spain
[jbosch1@xtec.cat]

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

[67, 16, 0*, 2009/11/05–2009/11/24]

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

[11, 4, 0*, 2009/11/10–2009/11/11]

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
CMC

[12, 6, 0*, 2009/10/30–2009/11/16]

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

[48, 3, 0*, 2009/11/07–2009/11/25]

B97 Sterrenwacht Andromeda, Meppel

H. Munsterman, Tuinweg 27, NL-7944 AB Meppel, Netherlands
[munsteh@xs4all.nl]

0.35-m $f/6.4$ Schmidt-Cassegrain + CCD
USNO-B1.0

[6, 2, 0*, 2009/11/17–2009/11/19]

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

[23, 3, 0*, 2009/10/31–2009/11/02]

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, 4, 0*, 2009/10/11–2009/10/17]

C09 Rouet

G. Sachot, Hameau du Crès, F-34380, Rouet, France
0.13-m $f/7.0$ refractor + CCD

USNO-A2.0

[8, 2, 0*, 2009/11/10–2009/11/12]

C10 Maisoncelles

J. F. Soulier, Maisoncelles, Seine et Marne, France
[jean-francois.soulier2@wanadoo.fr]

0.26-m $f/4.7$ Newtonian reflector + CCD
USNO-B1.0

[20, 2, 0*, 2009/11/18–2009/11/19]

D25 Tzec Maun Observatory, Pingelly

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

Observers A. Novichonok, A. Smirnov, S. Foglia, P. Concari, G. Galli, M. Tombelli,
D. Chestnov

0.18-m $f/2.8$ Newtonian reflector + CCD, 0.15-m $f/7.3$ refractor + CCD

Tycho-2, UCAC-2, CMC, NOMAD

[153, 42, 2*, 2009/10/20–2009/11/27]

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, G. T. Zhaori, H. Lu, M. Wang, Y. Z. Wu,

R. Q. Hong, L. F. Hu

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

1.04-m $f/1.8$ Schmidt + CCD

[4593, 1106, 14*, 2006/12/19–2009/11/25]

D35 Lulin Observatory

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

Observers H.-C. Lin, T.-C. Yang, C.-S. Lin, M.-T. Chang, Q.-z. Ye
Measurer W.-t. Xu

0.41-m $f/8.8$ Ritchey-Chrétien + CCD

UCAC-2

[57, 18, 1*, 2006/09/22–2008/10/23]

D39 Shandong University Observatory, Weihai

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

Observers S. M. Hu, H. X. Yin, S. H. Han, D. F. Guo, C. M. Zhang, P. Zhang,
G. Zhao

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

1.0-m $f/8.0$ reflector + CCD

UCAC-2

[16, 5, 0*, 2009/11/27]

D90 RAS Observatory, Moorook

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

[cjacques1f@yahoo.com.br] (23)

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

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

0.30-m Ritchey-Chrétien + CCD, 0.41-m Ritchey-Chrétien + CCD

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

{23} [6, 2, 0*, 2009/11/09–2009/11/10]

{30} [16, 3, 0*, 2009/11/05–2009/11/29]

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

[2719, 638, 14*, 2004/05/12–2009/11/29]

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 reflector + CCD

UCAC-2, USNO-B1.0

[4, 1, 0*, 2009/11/04]

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, NOMAD

[9, 3, 0*, 2009/11/06–2009/11/12]

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)

Observers L. Kurtze, I. Morison, R. Miles

2.0-m Ritchey-Chrétien + CCD

USNO-B1.0

{6} [4, 1, 0*, 2009/11/26]

{7} [2, 1, 0*, 2009/10/22]

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, USNO-B2.0

[213, 49, 12*, 2009/08/17–2009/11/26]

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

[106, 39, 0*, 2007/04/09–2009/11/27]

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

[16, 5, 0*, 2009/11/04–2009/11/25]

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

[12, 4, 0*, 2009/11/19]

G68 Sierra Stars Observatory, Markleeville

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

[richw@sierrastars.com]

Observers K. Dankov, R. Matson, P. J. Meadows, W. G. Dillon, D. Wells,

M. Nicholson

0.61-m $f/10$ Cassegrain + CCD

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

[146, 33, 8*, 2009/10/25–2009/11/25]

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

[138, 20, 0*, 2009/11/01–2009/11/30]

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

[15, 3, 1*, 2009/11/16–2009/11/18]

G84 Mount Lemmon SkyCenter

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

0.6-m $f/7.8$ reflector + CCD

USNO-A2.0

[44, 12, 2*, 2009/11/16–2009/11/23]

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

[292, 51, 9*, 2009/11/09–2009/11/25]

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

[3252, 925, 5*, 2007/04/25–2009/11/25]

G96 Mt. Lemmon Survey

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

[ebeshore@1pl.arizona.edu]

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

S. F. Tornero, R. E. Hill, A. Boattini

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

[240451, 42303, 3583*, 2004/10/15–2009/11/28]

G98 Calvin-Rehoboth Observatory, Rehoboth

L. A. Molnar, Dept. of Physics & Astronomy, Calvin College, 1734 Knollcrest

Circle SE, Grand Rapids, MI 49546, U.S.A. [lmolnar@calvin.edu]

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

USNO-A2.0

[661, 88, 16*, 2007/02/22–2009/11/24]

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

[647, 122, 2*, 2009/11/09–2009/11/25]

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)

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

[cjacqueslf@yahoo.com.br] (23)

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

B. Häusler, Maidbronn, Germany [bernhard.haeusler@t-online.de] (34)

Observers E. Bryssinck, H. Sato, R. Ligustri, B. Häusler, A. Lowe, N. Falla,

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

C. Jacques, E. Pimentel

0.25-m $f/3.4$ hyperbolic astrograph + CCD, 0.10-m $f/5$ reflector + CCD

CMC, USNO-B1.0, UCAC-2

{14} [57, 15, 1*, 2009/11/16–2009/11/28]

{19} [1, 1, 0*, 2009/11/06]

{20} [30, 4, 2*, 2009/11/14–2009/11/24]

{23} [3, 1, 0*, 2009/11/22]

{6} [470, 39, 34*, 2009/11/08–2009/11/26]

{32} [20, 7, 0*, 2009/11/07–2009/11/28]

{34} [9, 3, 0*, 2009/11/07]

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

[6, 2, 0*, 2004/09/15–2007/08/12]

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

[23, 9, 1*, 2006/03/06–2009/11/16]

H10 Tzec Maun Observatory, Mayhill

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.

[ron@tzecmaun.org]

Observers S. Plaksa, A. Smirnov, S. Shurpakov, S. Foglia, D. Chestnov,

A. Novichonok, V. Nevski, E. Bryssinck, E. Schwab, A. Martin, L. Elenin,

F. Tozzi, T. V. Kryachko, P. Concari, G. Galli, M. Tombelli, A. Prokopovich,

J. Kandler

Measurers S. Plaksa, A. Smirnov, S. Shurpakov, P. Concari, S. Foglia, G. Galli,

M. Tombelli, D. Chestnov, A. Novichonok, V. Nevski, E. Bryssinck,

E. Schwab, A. Martin, L. Elenin, F. Tozzi, T. V. Kryachko, A. Prokopovich,

J. Kandler

0.41-m $f/9.0$ Ritchey-Chrétien + CCD, 0.18-m $f/2.8$ reflector + CCD, 0.18-m

$f/7.3$ refractor + CCD, 0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.11-m

$f/5.0$ refractor + CCD

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

[2148, 476, 38*, 2009/10/12–2009/11/28]

H11 Rodeo

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

Observer F. Fratev

0.61-m $f/8$ reflector + CCD

NOMAD, USNO-A2.0

[99, 34, 1*, 2009/11/09–2009/11/18]

H12 TechDome, Mayhill

M. Schick, 7215 Marlow Place, University Park, FL 34201, U.S.A.
[Mel@SchickWorld.com]

0.50-m $f/8$ Ritchey-Chrétien + CCD
USNO-A2.0

[12, 2, 0*, 2009/11/22–2009/11/23]

H14 Morning Star Observatory, Tucson

G. Steffens, 3800 N. Cherry Creek Pl., Tucson, AZ 85749, U.S.A.
[gwsteffens@yahoo.com]

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

[38, 2, 0*, 2009/09/30–2009/11/02]

H21 Astronomical Research Observatory, Westfield

R. Holmes, 7168 NCR 2750E, Ashmore, IL 61912, U.S.A. [ari@astro-research.org]

Observers R. Holmes, S. Foglia, K. Dankov
Measurers C. Ellis, J. Nichols, L. Trigoboff, H. Devore, J. Hunter, L. Holt,
B. King, E. Eppstein, C. Noel, T. Downing, C. Dobson, J. Helmey, S. Foglia,
A. Vassallo, A. Lucas, L. Bowden, W. Ogloza, K. Dankov, R. Holmes,
R. Nunnery

0.61-m astrograph + CCD, 0.81-m astrograph + CCD
USNO-B1.0, UCAC-2

[640, 128, 4*, 2009/11/01–2009/11/29]

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

[105, 33, 0*, 2009/11/06–2009/11/26]

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

[113, 14, 0*, 2009/11/11–2009/11/23]

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, USNO-B1.0

[323, 73, 7*, 2003/12/20–2009/11/30]

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

[319, 21, 0*, 2009/10/31–2009/11/28]

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, USNO-B1.0

[99, 20, 0*, 2009/11/03–2009/11/27]

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
UCAC-2, USNO-A2.0

[108, 8, 0*, 2009/11/12–2009/11/26]

H55 Astronomical Research Observatory, Charleston

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

Observer R. Holmes

Measurers S. Gilmore, T. Downing, I. Giles, J. Hunter, L. Holt, L. Bowden,
H. Devore, K. Dankov

0.61-m astrograph + CCD

USNO-B1.0, USNO-A2.0

[120, 33, 1*, 2007/10/22–2009/11/12]

H82 CBA-NOVAC Observatory, Front Royal

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

[dskillman@comcast.net]

0.66-m $f/2.7$ reflector + CCD
UCAC-2

[6, 1, 1*, 2009/11/07–2009/11/08]

H83 Timberlake Observatory, Oakton

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

[ne.cronin@verizon.net]

0.36-m $f/4.2$ Schmidt-Cassegrain + CCD
USNO-B1.0

[2, 1, 0*, 2009/11/16]

H85 Silver Spring

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

[klevin57@gmail.com]

Observer K. Levin

Measurer N. Teamo

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

UCAC-2

[4, 2, 0*, 2009/11/08–2009/11/23]

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)

2.2-m reflector + CCD

USNO-A2.0

[19, 7, 0*, 2000/05/06–2003/02/05]

I08 Alianza S4, Cerro Burek

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

Observers J. L. Ortiz, P. Santos-Sanz, N. Morales, R. Gil-Hutton, I. de la Cueva

0.45-m $f/2.8$ reflector + CCD

UCAC-2

[40, 3, 2*, 2009/09/14–2009/11/22]

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 A. Maury, H. Jacquinet, F. Kugel, F. Mallia, J. F. Soulier, A. Klotz,
T. Noel, J. Nicolas, G. Sachot

Measurers F. Kugel, T. Noel, J. Nicolas, J. F. Soulier, G. Sachot

0.4-m $f/8$ Ritchey-Chrétien + CCD

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

[3, 1, 0*, 2009/11/10]

I13 Washington D.C.

R. E. Schmidt, 1810 35th St NW, Washington, DC 20007, U.S.A.

[rich.schmidt@gmail.com]

Observer R. Schmidt

0.32-m reflector + CCD

UCAC-2

[996, 198, 0*, 2009/10/26–2009/11/29]

I14 Tigh Speuran Observatory, FraminghamK. T. Menzies, Tigh Speuran Observatory, 318A Potter Road, Framingham,
MA 01701-3340, U.S.A. [kenmenzies@rcn0.2-m $f/4$ Schmidt-Newtonian + CCD

UCAC-2

[4, 1, 0*, 2009/11/18–2009/11/19]

I15 Wishing Star Observatory, Barrington

H. G. Peterson, 405 New Meadow Road, Barrington, RI 02806, U.S.A.

[pete@petersonengineering.com]

0.35-m $f/10$ Schmidt-Cassegrain + CCD + $f/5.0$ focal reducer

USNO-B1.0

[11, 2, 0*, 2009/11/09–2009/11/19]

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

[30, 5, 4*, 2009/10/20–2009/10/22]

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

UCAC-2, USNO-A2.0

[33, 10, 0*, 2009/10/31–2009/11/13]

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-3

[10, 4, 0*, 2009/11/08–2009/11/16]

I77 CEAMIG-REA Observatory, Belo Horizonte

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

[cjacqueslf@yahoo.com.br]

Observers C. Jacques, E. Pimentel

0.30-m $f/3.0$ reflector + CCD

UCAC-2

[3, 1, 0*, 2009/11/22]

J13 La Palma-Liverpool TelescopeD. 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} [12, 3, 0*, 2009/10/30–2009/11/14]

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

[72, 23, 0*, 2009/11/06–2009/11/25]

J19 El MaestratF. 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

[20, 5, 0*, 2009/11/05–2009/11/22]

J27 El Guijo Observatory

A. San Segundo, 21 Onice Street, Galapagar, E-28360 Madrid, Spain

[assdelgado@yahoo.es]

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

CMC, USNO-B1.0

[3, 1, 0*, 2009/11/22]

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, USNO-B1.0, UCAC-3

[46, 16, 0*, 2009/11/03–2009/11/24]

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, UCAC-2

[12, 2, 0*, 2009/11/17–2009/11/25]

J40 MalagaJ. 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

[6, 2, 0*, 2009/11/22]

J46 Observatorio Montana Blanca, Tias

C. Piret, C/ Barranco Truchas 3, E-35572 Tias (Las Palmas), Spain
[ceslo@telefonica.net]

0.20-m $f/3.3$ Schmidt-Cassegrain + CCD
CMC

[3, 1, 0*, 2009/11/13]

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

[457, 91, 8*, 2009/10/30–2009/11/29]

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
UCAC-2, CMC, USNO-B1.0

[51, 10, 0*, 2009/11/01–2009/11/25]

J53 Posadas

R. Benavides, Gaitan 20, E-14730 Posadas-Córdoba, Spain
[Rafaelbenpal@hotmail.com]

0.28-m Schmidt-Cassegrain + CCD
CMC, UCAC-2

[18, 6, 0*, 2009/11/09–2009/11/23]

J75 OAM Observatory, La Sagra

S. Sanchez, Observatori Astronomic de Mallorca, Camí de l'observatori s/n,
E-07144 Costitx, Baleares, 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

[80038, 14504, 278*, 2007/05/12–2009/11/25]

J76 La Murta

S. Antonio, Apartado de correos 249, E-30500 Molina (Murcia), Spain
[astromurcia@wanadoo.es]

Observers S. Pastor, J. A. Reyes
0.40-m Schmidt-Cassegrain + CCD
USNO-A2.0, CMC

[6, 2, 0*, 2009/11/09–2009/11/23]

J87 La Cañada

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

0.30-m $f/3.3$ Schmidt-Cassegrain + CCD
USNO-A2.0, USNO-SA2.0, UCAC-2

[6, 2, 0*, 2008/08/08–2009/10/18]

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, NOMAD

[15, 3, 0*, 2009/11/20–2009/11/23]

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

[9, 3, 0*, 2009/11/20–2009/11/23]

J95 Great Shefford

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0.40-m $f/6.0$ Schmidt-Cassegrain + CCD
UCAC-2, USNO-B1.0

[263, 66, 2*, 2009/10/31–2009/11/27]

ORBITAL ELEMENTS

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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/2009 K2 (Catalina)

Epoch 2010 Feb. 13.0 TT = JDT 2455240.5

T	2010 Feb. 7.5202 TT		P	Q
q	3.246164	(2000.0)		
z	+0.000652	ω	+0.2955339	+0.5737424
	± 0.000005	Ω	−0.9471533	+0.0715655
e	0.997883	i	+0.1247413	−0.8159032

From 583 observations 2009 May 18–Nov. 6, mean residual 0''.6.

C/2009 O5 (SOHO)

<i>T</i>	2009 July 29.98 TT			MPC	
<i>q</i>	0.0054	(2000.0)	P	Q	
	<i>ω</i>	83.79	+0.17925	−0.98247	
	<i>Ω</i>	5.07	−0.96061	−0.18604	
<i>e</i>	1.0	<i>i</i> 144.53	+0.21235	−0.01228	
From 22 observations 2009 July 29.					

C/2009 P3 (SOHO)

<i>T</i>	2009 Aug. 2.46 TT			MPC	
<i>q</i>	0.0054	(2000.0)	P	Q	
	<i>ω</i>	76.71	+0.19858	−0.97981	
	<i>Ω</i>	357.74	−0.95802	−0.18907	
<i>e</i>	1.0	<i>i</i> 144.09	+0.20677	+0.06499	
From 18 observations 2009 Aug. 1–2.					

C/2009 P4 (SOHO)

<i>T</i>	2009 Aug. 10.62 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	<i>ω</i>	80.94	+0.20102	−0.97905	
	<i>Ω</i>	3.15	−0.95418	−0.20319	
<i>e</i>	1.0	<i>i</i> 143.82	+0.22164	+0.01323	
From 17 observations 2009 Aug. 9–10.					

C/2009 P5 (SOHO)

<i>T</i>	2009 Aug. 12.29 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	<i>ω</i>	85.44	+0.16683	−0.98395	
	<i>Ω</i>	6.23	−0.96185	−0.17652	
<i>e</i>	1.0	<i>i</i> 144.31	+0.21682	−0.02599	
From 6 observations 2009 Aug. 11.					

P/2009 Q4 (Boattini)

Epoch 2009 Nov. 25.0 TT = JDT 2455160.5

<i>T</i>	2009 Nov. 19.9224 TT			MPC	
<i>q</i>	1.320848	(2000.0)	P	Q	
<i>n</i>	0.1772925	<i>ω</i> 320.0119	+0.0311222	−0.9881034	
<i>a</i>	3.138166	<i>Ω</i> 127.6718	+0.9587887	−0.0130617	
<i>e</i>	0.579102	<i>i</i> 10.9690	+0.2824105	+0.1532355	
<i>P</i>	5.56				

From 352 observations 2009 Aug. 26–Nov. 29, mean residual 0″.6.

C/2009 Q6 (SOHO)

<i>T</i>	2009 Aug. 21.63 TT			MPC	
<i>q</i>	0.0054	(2000.0)	P	Q	
	<i>ω</i>	86.24	+0.14648	−0.98740	
	<i>Ω</i>	5.80	−0.96286	−0.15620	
<i>e</i>	1.0	<i>i</i> 143.68	+0.22679	−0.02542	
From 15 observations 2009 Aug. 20–21.					

C/2009 Q7 (SOHO)

<i>T</i>	2009 Aug. 23.32 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	<i>ω</i>	87.19	+0.16611	−0.98232	
	<i>Ω</i>	8.40	−0.95954	−0.18120	
<i>e</i>	1.0	<i>i</i> 143.77	+0.22734	−0.04702	
From 12 observations 2009 Aug. 22–23.					

C/2009 Q8 (SOHO)

<i>T</i>	2009 Aug. 31.80 TT			MPC	
<i>q</i>	0.0051	(2000.0)	P	Q	
	<i>ω</i>	86.29	+0.17644	−0.98090	
	<i>Ω</i>	8.00	−0.95849	−0.19014	
<i>e</i>	1.0	<i>i</i> 143.99	+0.22395	−0.04096	
From 18 observations 2009 Aug. 31.					

P/2009 SK₂₈₀ (Spacewatch-Hill)

Epoch 2009 May 9.0 TT = JDT 2454960.5

<i>T</i>	2009 May 22.7460 TT			MPC	
<i>q</i>	4.199244	(2000.0)	P	Q	
<i>n</i>	0.0944024	<i>ω</i> 328.0849	+0.9835166	−0.0568619	
<i>a</i>	4.776914	<i>Ω</i> 36.4110	+0.1494055	+0.7902450	
<i>e</i>	0.120930	<i>i</i> 16.8083	−0.1018481	+0.6101471	
<i>P</i>	10.4				

From 59 observations 2009 Sept. 17–Nov. 21, mean residual 0″.5.

C/2009 T1 (McNaught)

<i>T</i>	2009 Oct. 10.1832 TT			MPC	
<i>q</i>	6.221804	(2000.0)	P	Q	
	<i>ω</i>	282.7003	+0.1293940	+0.5678347	
	<i>Ω</i>	54.3812	+0.5511260	+0.6403312	
<i>e</i>	1.0	<i>i</i> 89.9021	−0.8243284	+0.5172424	
From 50 observations 2009 Oct. 9–Nov. 27.					

P/2009 T2 (La Sagra)

Epoch 2010 Jan. 4.0 TT = JDT 2455200.5

<i>T</i>	2010 Jan. 12.8469 TT			MPC	
<i>q</i>	1.754825	(2000.0)	P	Q	
<i>n</i>	0.0470347	<i>ω</i> 215.4725	+0.3582244	−0.8916466	
<i>a</i>	7.600759	<i>Ω</i> 215.9852	+0.9277983	+0.3730807	
<i>e</i>	0.769125	<i>i</i> 28.1096	+0.1042384	−0.2564705	
<i>P</i>	21.0				

From 647 observations 2009 Sept. 18–Nov. 27, mean residual 0″.4.

C/2009 T3 (LINEAR)

<i>T</i>	2010 Jan. 12.0340 TT			MPC	
<i>q</i>	2.281257	(2000.0)	P	Q	
	<i>ω</i>	32.4412	+0.8182850	+0.3579280	
	<i>Ω</i>	60.0939	+0.3507128	−0.9308354	
<i>e</i>	1.0	<i>i</i> 148.7439	+0.4554231	+0.0737090	
From 302 observations 2009 Oct. 14–Nov. 27.					

C/2009 U3 (Hill)

<i>T</i>	2010 Mar. 20.2625 TT		MPC	
<i>q</i>	1.414349	(2000.0)	P	Q
<i>z</i>	+0.006250	ω 77.7070	−0.3250328	−0.7379249
		Ω 49.3224	+0.2107675	−0.6662086
<i>e</i>	0.991160	<i>i</i> 51.2501	+0.9219169	−0.1078564

From 248 observations 2009 Oct. 21–Nov. 28.

P/2009 U4 (McNaught)

<i>T</i>	2009 Sept. 9.0667 TT		MPC	
<i>q</i>	1.648719	(2000.0)	P	Q
<i>n</i>	0.0864788	ω 259.8826	+0.7018285	+0.6974812
<i>a</i>	5.064418	Ω 55.7123	−0.5655032	+0.6691069
<i>e</i>	0.674451	<i>i</i> 10.0911	−0.4331776	+0.2565462

P 11.4

From 66 observations 2009 Oct. 11–Nov. 22.

C/2009 U5 (Grauer)

<i>T</i>	2010 June 28.5671 TT		MPC	
<i>q</i>	6.082603	(2000.0)	P	Q
		ω 24.3981	−0.7904556	−0.4894631
		Ω 121.1768	+0.4670596	−0.8706023
<i>e</i>	1.0	<i>i</i> 25.4935	+0.3962768	+0.0497741

From 65 observations 2009 Oct. 23–Nov. 29.

P/2009 U6 (LINEAR)

<i>T</i>	2009 Aug. 8.7807 TT		MPC	
<i>q</i>	1.485461	(2000.0)	P	Q
<i>n</i>	0.1576034	ω 308.6876	+0.4584954	−0.8574679
<i>a</i>	3.394368	Ω 112.5020	+0.8734963	+0.3864257
<i>e</i>	0.562375	<i>i</i> 14.6410	+0.1636647	+0.3397411

P 6.25

From 142 observations 2009 Oct. 19–Nov. 28.

P/2009 W1 (Hill)

<i>T</i>	2009 Sept. 26.669 TT		MPC	
<i>q</i>	2.97739	(2000.0)	P	Q
<i>n</i>	0.103266	ω 52.372	−0.294982	−0.932255
<i>a</i>	4.49949	Ω 56.066	+0.777699	−0.361626
<i>e</i>	0.33828	<i>i</i> 14.625	+0.555131	+0.011237

P 9.54

From 83 observations 2009 Nov. 18–29.

C/2009 W2 (Boattini)

<i>T</i>	2010 Feb. 13.920 TT		MPC	
<i>q</i>	6.98188	(2000.0)	P	Q
		ω 114.939	+0.112464	+0.989815
		Ω 199.101	+0.788036	−0.035340
<i>e</i>	1.0	<i>i</i> 164.530	+0.605270	−0.137904

From 41 observations 2009 Nov. 21–26.

229P/Gibbs

Epoch 2009 July 28.0 TT = JDT 2455040.5

<i>T</i>	2009 Aug. 4.1741 TT		MPC	
<i>q</i>	2.440203	(2000.0)	P	Q
<i>n</i>	0.1268375	ω 224.0034	+0.9007126	−0.4018571
<i>a</i>	3.923174	Ω 157.9798	+0.4047612	+0.9142617
<i>e</i>	0.378003	<i>i</i> 26.1102	−0.1577503	+0.0513464

P 7.77

From 115 observations 2001–2009, mean residual 0^u.6.

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*.

(225277) 1960 SN	1960 09 24	675	Schmadel, L. D., Stoss, R., Gehrels, T.
(225278) 1981 DW ₁	1981 02 28	413	Bus, S. J.
(225279) 1991 VY ₁₀	1991 11 05	691	Spacewatch
(225280) 1993 FL ₁₇	1993 03 17	809	UESAC
(225281) 1993 FL ₃₅	1993 03 19	809	UESAC
(225282) 1993 RS ₇	1993 09 15	809	Elst, E. W.
(225283) 1994 GB ₅	1994 04 06	691	Spacewatch
(225284) 1994 JK ₆	1994 05 04	691	Spacewatch
(225285) 1994 JT ₆	1994 05 04	691	Spacewatch
(225286) 1994 PD ₅	1994 08 10	809	Elst, E. W.
(225287) 1994 RJ ₈	1994 09 12	691	Spacewatch
(225288) 1994 RT ₁₇	1994 09 03	809	Elst, E. W.
(225289) 1994 SK ₁₀	1994 09 28	691	Spacewatch
(225290) 1994 WK ₄	1994 11 26	691	Spacewatch
(225291) 1995 DV ₆	1995 02 24	691	Spacewatch
(225292) 1995 DS ₇	1995 02 24	691	Spacewatch
(225293) 1995 FF ₇	1995 03 24	691	Spacewatch
(225294) 1995 QA ₆	1995 08 22	691	Spacewatch
(225295) 1995 SH ₁₃	1995 09 18	691	Spacewatch
(225296) 1995 SQ ₆₇	1995 09 18	691	Spacewatch
(225297) 1995 UB ₂	1995 10 21	691	Spacewatch
(225298) 1995 UM ₁₆	1995 10 17	691	Spacewatch
(225299) 1995 UV ₁₇	1995 10 18	691	Spacewatch
(225300) 1995 UX ₇₆	1995 10 22	691	Spacewatch
(225301) 1995 VG ₉	1995 11 14	691	Spacewatch
(225302) 1995 VU ₉	1995 11 15	691	Spacewatch
(225303) 1995 VZ ₁₃	1995 11 15	691	Spacewatch
(225304) 1995 WH ₈	1995 11 19	608	AMOS
(225305) 1995 XX ₃	1995 12 14	691	Spacewatch
(225306) 1996 EZ ₉	1996 03 12	691	Spacewatch
(225307) 1996 GV ₆	1996 04 12	691	Spacewatch
(225308) 1996 HH	1996 04 17	608	AMOS
(225309) 1996 HV ₁₄	1996 04 17	809	Elst, E. W.

(225310)	1996 TG ₆₇	1996 10 07	691	Spacewatch
(225311)	1996 VP ₁₇	1996 11 06	691	Spacewatch
(225312)	1996 XB ₂₇	1996 12 12	691	Spacewatch
(225313)	1997 CD ₁₃	1997 02 04	691	Spacewatch
(225314)	1997 EZ ₃₀	1997 03 05	691	Spacewatch
(225315)	1997 LS ₁	1997 06 02	691	Spacewatch
(225316)	1997 LQ ₁₆	1997 06 08	809	Elst, E. W.
(225317)	1997 SK ₁₈	1997 09 28	691	Spacewatch
(225318)	1997 SU ₃₂	1997 09 28	691	Spacewatch
(225319)	1997 TV ₁₉	1997 10 02	691	Spacewatch
(225320)	1997 WC ₁₁	1997 11 22	691	Spacewatch
(225321)	1997 XP ₇	1997 12 06	910	ODAS
(225322)	1998 BQ ₁₉	1998 01 22	691	Spacewatch
(225323)	1998 FY ₉	1998 03 24	910	ODAS
(225324)	1998 FO ₁₀₅	1998 03 31	704	LINEAR
(225325)	1998 HP ₇₃	1998 04 21	704	LINEAR
(225326)	1998 HD ₁₅₄	1998 04 29	566	NEAT
(225327)	1998 KN ₅₈	1998 05 23	704	LINEAR
(225328)	1998 MJ ₆	1998 06 19	691	Spacewatch
(225329)	1998 QK ₄₀	1998 08 17	704	LINEAR
(225330)	1998 QZ ₅₈	1998 08 26	691	Spacewatch
(225331)	1998 QK ₈₈	1998 08 24	704	LINEAR
(225332)	1998 QA ₉₅	1998 08 19	704	LINEAR
(225333)	1998 QB ₁₀₅	1998 08 30	413	McNaught, R. H.
(225334)	1998 RX ₄₅	1998 09 14	704	LINEAR
(225335)	1998 RB ₄₆	1998 09 14	704	LINEAR
(225336)	1998 RB ₅₁	1998 09 14	704	LINEAR
(225337)	1998 RZ ₆₉	1998 09 14	704	LINEAR
(225338)	1998 SA ₆	1998 09 20	691	Spacewatch
(225339)	1998 SB ₁₂	1998 09 22	910	ODAS
(225340)	1998 SQ ₂₉	1998 09 18	691	Spacewatch
(225341)	1998 SJ ₄₂	1998 09 27	691	Spacewatch
(225342)	1998 SN ₇₈	1998 09 26	704	LINEAR
(225343)	1998 SY ₈₆	1998 09 26	704	LINEAR
(225344)	1998 SK ₈₇	1998 09 26	704	LINEAR
(225345)	1998 SD ₁₀₇	1998 09 26	704	LINEAR
(225346)	1998 SQ ₁₄₉	1998 09 26	704	LINEAR
(225347)	1998 SG ₁₆₁	1998 09 26	704	LINEAR
(225348)	1998 SY ₁₇₆	1998 09 24	699	LONEOS
(225349)	1998 TS ₈	1998 10 12	691	Spacewatch
(225350)	1998 TO ₉	1998 10 12	691	Spacewatch
(225351)	1998 TA ₂₀	1998 10 13	691	Spacewatch
(225352)	1998 US ₂	1998 10 20	910	ODAS
(225353)	1998 UF ₁₁	1998 10 17	691	Spacewatch
(225354)	1998 UF ₄₉	1998 10 18	699	LONEOS
(225355)	1998 UJ ₄₉	1998 10 18	699	LONEOS
(225356)	1998 VX ₄₀	1998 11 14	691	Spacewatch
(225357)	1998 VD ₄₁	1998 11 14	691	Spacewatch
(225358)	1998 VV ₄₂	1998 11 15	691	Spacewatch
(225359)	1998 WJ ₂₄	1998 11 18	695	Buie, M. W.
(225360)	1998 WF ₃₀	1998 11 24	691	Spacewatch
(225361)	1998 XD ₂	1998 12 07	910	ODAS

(225362)	1998 XU ₂₂	1998 12 11	691	Spacewatch
(225363)	1998 XV ₂₄	1998 12 12	691	Spacewatch
(225364)	1999 BO ₃₀	1999 01 19	691	Spacewatch
(225365)	1999 CM ₇₉	1999 02 12	704	LINEAR
(225366)	1999 CC ₉₇	1999 02 10	704	LINEAR
(225367)	1999 CQ ₁₃₂	1999 02 08	691	Spacewatch
(225368)	1999 CD ₁₃₆	1999 02 09	691	Spacewatch
(225369)	1999 FE ₃	1999 03 17	691	Spacewatch
(225370)	1999 FF ₁₇	1999 03 23	691	Spacewatch
(225371)	1999 HM ₄	1999 04 16	691	Spacewatch
(225372)	1999 JC ₅₃	1999 05 10	704	LINEAR
(225373)	1999 LJ ₁₅	1999 06 12	704	LINEAR
(225374)	1999 RX ₁₀	1999 09 07	704	LINEAR
(225375)	1999 RM ₁₀₆	1999 09 08	704	LINEAR
(225376)	1999 RR ₁₆₄	1999 09 09	704	LINEAR
(225377)	1999 RW ₂₁₆	1999 09 05	691	Spacewatch
(225378)	1999 SJ ₁₃	1999 09 16	704	LINEAR
(225379)	1999 TC ₆₂	1999 10 07	691	Spacewatch
(225380)	1999 TP ₆₄	1999 10 08	691	Spacewatch
(225381)	1999 TL ₉₀	1999 10 02	704	LINEAR
(225382)	1999 TK ₁₁₀	1999 10 04	704	LINEAR
(225383)	1999 TW ₁₆₁	1999 10 09	704	LINEAR
(225384)	1999 TO ₁₆₃	1999 10 09	704	LINEAR
(225385)	1999 TO ₁₇₈	1999 10 10	704	LINEAR
(225386)	1999 TA ₁₉₅	1999 10 12	704	LINEAR
(225387)	1999 UJ ₁₈	1999 10 30	691	Spacewatch
(225388)	1999 UN ₁₈	1999 10 30	691	Spacewatch
(225389)	1999 UK ₂₁	1999 10 31	691	Spacewatch
(225390)	1999 UW ₂₈	1999 10 31	691	Spacewatch
(225391)	1999 UK ₂₉	1999 10 31	691	Spacewatch
(225392)	1999 UJ ₃₃	1999 10 31	691	Spacewatch
(225393)	1999 UU ₃₆	1999 10 16	691	Spacewatch
(225394)	1999 UP ₃₇	1999 10 16	691	Spacewatch
(225395)	1999 UO ₄₈	1999 10 30	703	CSS
(225396)	1999 UY ₅₀	1999 10 30	691	Spacewatch
(225397)	1999 VA ₄₉	1999 11 03	704	LINEAR
(225398)	1999 VQ ₁₁₅	1999 11 04	691	Spacewatch
(225399)	1999 VE ₁₂₁	1999 11 04	691	Spacewatch
(225400)	1999 VB ₁₂₄	1999 11 05	691	Spacewatch
(225401)	1999 VL ₁₂₄	1999 11 06	691	Spacewatch
(225402)	1999 VZ ₁₂₆	1999 11 09	691	Spacewatch
(225403)	1999 VH ₁₃₂	1999 11 09	691	Spacewatch
(225404)	1999 VD ₁₇₀	1999 11 14	704	LINEAR
(225405)	1999 VV ₁₉₅	1999 11 03	703	CSS
(225406)	1999 VR ₂₁₁	1999 11 12	704	LINEAR
(225407)	1999 WD ₂₀	1999 11 29	691	Spacewatch
(225408)	1999 XH ₅	1999 12 04	703	CSS
(225409)	1999 XL ₂₅	1999 12 06	704	LINEAR
(225410)	1999 XA ₇₆	1999 12 07	704	LINEAR
(225411)	1999 XD ₁₆₂	1999 12 13	704	LINEAR
(225412)	1999 XR ₂₂₇	1999 12 15	691	Spacewatch
(225413)	1999 XC ₂₃₈	1999 12 05	691	Spacewatch

(225414)	1999	XV ₂₄₄	1999 12 04	691	Spacewatch	(225466)	2000	EN ₁₆₈	2000 03 04	704	LINEAR
(225415)	1999	XA ₂₆₁	1999 12 08	704	LINEAR	(225467)	2000	ET ₁₇₃	2000 03 04	704	LINEAR
(225416)	1999	YC	1999 12 17	704	LINEAR	(225468)	2000	ET ₁₇₇	2000 03 03	691	Spacewatch
(225417)	1999	YJ ₁₀	1999 12 27	691	Spacewatch	(225469)	2000	FT ₃	2000 03 28	704	LINEAR
(225418)	2000	AY ₅₄	2000 01 04	704	LINEAR	(225470)	2000	FA ₂₁	2000 03 29	704	LINEAR
(225419)	2000	AW ₇₀	2000 01 05	704	LINEAR	(225471)	2000	FG ₂₄	2000 03 29	704	LINEAR
(225420)	2000	AU ₈₂	2000 01 05	704	LINEAR	(225472)	2000	FS ₃₆	2000 03 29	704	LINEAR
(225421)	2000	AR ₁₅₉	2000 01 03	704	LINEAR	(225473)	2000	FK ₄₇	2000 03 29	704	LINEAR
(225422)	2000	AB ₁₇₈	2000 01 07	704	LINEAR	(225474)	2000	FE ₅₉	2000 03 29	704	LINEAR
(225423)	2000	AO ₂₀₆	2000 01 03	691	Spacewatch	(225475)	2000	GQ ₄₈	2000 04 05	704	LINEAR
(225424)	2000	AB ₂₀₉	2000 01 04	691	Spacewatch	(225476)	2000	GD ₅₅	2000 04 05	704	LINEAR
(225425)	2000	AK ₂₁₆	2000 01 08	691	Spacewatch	(225477)	2000	GO ₆₁	2000 04 05	704	LINEAR
(225426)	2000	AF ₂₅₃	2000 01 07	691	Spacewatch	(225478)	2000	GV ₈₁	2000 04 07	704	LINEAR
(225427)	2000	BF ₁	2000 01 28	684	Comba, P. G.	(225479)	2000	GX ₈₉	2000 04 04	704	LINEAR
(225428)	2000	BX ₁₉	2000 01 26	691	Spacewatch	(225480)	2000	GS ₁₁₂	2000 04 04	704	LINEAR
(225429)	2000	BJ ₃₅	2000 01 30	704	LINEAR	(225481)	2000	GV ₁₂₀	2000 04 05	691	Spacewatch
(225430)	2000	CG	2000 02 01	684	Comba, P. G.	(225482)	2000	GS ₁₃₆	2000 04 12	704	LINEAR
(225431)	2000	CR ₉	2000 02 02	704	LINEAR	(225483)	2000	GT ₁₄₅	2000 04 11	691	Spacewatch
(225432)	2000	CJ ₃₅	2000 02 02	704	LINEAR	(225484)	2000	GY ₁₅₄	2000 04 06	699	LONEOS
(225433)	2000	CX ₄₃	2000 02 02	704	LINEAR	(225485)	2000	GT ₁₆₀	2000 04 07	704	LINEAR
(225434)	2000	CD ₅₉	2000 02 06	735	Needville	(225486)	2000	HQ ₂	2000 04 25	691	Spacewatch
(225435)	2000	CL ₆₉	2000 02 01	691	Spacewatch	(225487)	2000	HV ₆	2000 04 24	691	Spacewatch
(225436)	2000	CK ₇₉	2000 02 08	691	Spacewatch	(225488)	2000	HT ₁₅	2000 04 28	704	LINEAR
(225437)	2000	CK ₈₄	2000 02 04	704	LINEAR	(225489)	2000	HD ₂₆	2000 04 24	699	LONEOS
(225438)	2000	CC ₁₁₀	2000 02 05	695	Buie, M. W.	(225490)	2000	HF ₃₁	2000 04 29	704	LINEAR
(225439)	2000	CZ ₁₃₆	2000 02 04	691	Spacewatch	(225491)	2000	HV ₄₀	2000 04 28	704	LINEAR
(225440)	2000	DU ₅	2000 02 25	704	LINEAR	(225492)	2000	HT ₄₉	2000 04 29	704	LINEAR
(225441)	2000	DJ ₆	2000 02 28	704	LINEAR	(225493)	2000	HP ₆₃	2000 04 26	699	LONEOS
(225442)	2000	DF ₁₆	2000 02 28	120	Korlević, K.	(225494)	2000	HX ₈₁	2000 04 29	704	LINEAR
(225443)	2000	DO ₂₆	2000 02 29	704	LINEAR	(225495)	2000	HT ₁₀₅	2000 04 25	691	Spacewatch
(225444)	2000	DN ₃₅	2000 02 29	704	LINEAR	(225496)	2000	KX ₂	2000 05 27	704	LINEAR
(225445)	2000	DO ₃₆	2000 02 29	704	LINEAR	(225497)	2000	KC ₄₀	2000 05 25	691	Spacewatch
(225446)	2000	DA ₆₁	2000 02 29	704	LINEAR	(225498)	2000	KR ₇₃	2000 05 27	704	LINEAR
(225447)	2000	DX ₆₁	2000 02 29	704	LINEAR	(225499)	2000	LU ₂₃	2000 06 07	704	LINEAR
(225448)	2000	DR ₆₇	2000 02 29	704	LINEAR	(225500)	2000	LK ₃₂	2000 06 05	691	Spacewatch
(225449)	2000	DN ₇₇	2000 02 29	704	LINEAR	(225501)	2000	NB ₁₉	2000 07 05	699	LONEOS
(225450)	2000	DY ₈₆	2000 02 29	704	LINEAR	(225502)	2000	OY ₃₃	2000 07 30	704	LINEAR
(225451)	2000	ER ₄	2000 03 02	691	Spacewatch	(225503)	2000	PY ₂₁	2000 08 01	704	LINEAR
(225452)	2000	EO ₁₀	2000 03 03	704	LINEAR	(225504)	2000	QR ₁₅	2000 08 24	704	LINEAR
(225453)	2000	ED ₁₃	2000 03 04	704	LINEAR	(225505)	2000	QT ₂₆	2000 08 24	704	LINEAR
(225454)	2000	EY ₁₄	2000 03 04	704	LINEAR	(225506)	2000	QJ ₅₈	2000 08 26	704	LINEAR
(225455)	2000	EQ ₁₅	2000 03 03	691	Spacewatch	(225507)	2000	QG ₇₁	2000 08 24	704	LINEAR
(225456)	2000	EK ₂₃	2000 03 04	691	Spacewatch	(225508)	2000	QY ₈₄	2000 08 25	704	LINEAR
(225457)	2000	EG ₂₇	2000 03 03	704	LINEAR	(225509)	2000	QY ₉₈	2000 08 28	704	LINEAR
(225458)	2000	EW ₃₅	2000 03 03	704	LINEAR	(225510)	2000	QS ₁₀₇	2000 08 29	704	LINEAR
(225459)	2000	ER ₄₄	2000 03 09	704	LINEAR	(225511)	2000	QH ₁₀₉	2000 08 29	704	LINEAR
(225460)	2000	EG ₅₃	2000 03 04	691	Spacewatch	(225512)	2000	QS ₁₂₈	2000 08 25	704	LINEAR
(225461)	2000	EL ₅₃	2000 03 08	691	Spacewatch	(225513)	2000	QA ₁₃₁	2000 08 24	704	LINEAR
(225462)	2000	EV ₅₅	2000 03 05	704	LINEAR	(225514)	2000	QG ₁₃₈	2000 08 31	704	LINEAR
(225463)	2000	EQ ₆₇	2000 03 10	704	LINEAR	(225515)	2000	QD ₁₅₆	2000 08 31	704	LINEAR
(225464)	2000	EV ₇₅	2000 03 05	704	LINEAR	(225516)	2000	QE ₁₆₃	2000 08 31	704	LINEAR
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(225518)	2000 QJ ₁₇₉	2000 08 31	704	LINEAR	(225570)	2000 TL ₆₃	2000 10 03	704	LINEAR
(225519)	2000 QR ₂₁₁	2000 08 31	704	LINEAR	(225571)	2000 UV ₁	2000 10 23	046	Kleť
(225520)	2000 QD ₂₂₁	2000 08 21	699	LONEOS	(225572)	2000 UW ₂₇	2000 10 25	704	LINEAR
(225521)	2000 QP ₂₂₃	2000 08 21	699	LONEOS	(225573)	2000 UV ₅₈	2000 10 25	704	LINEAR
(225522)	2000 RR ₁₅	2000 09 01	704	LINEAR	(225574)	2000 UQ ₆₄	2000 10 25	704	LINEAR
(225523)	2000 RN ₁₆	2000 09 01	704	LINEAR	(225575)	2000 UM ₆₈	2000 10 25	704	LINEAR
(225524)	2000 RA ₂₆	2000 09 01	704	LINEAR	(225576)	2000 UR ₇₈	2000 10 24	704	LINEAR
(225525)	2000 RB ₂₇	2000 09 01	704	LINEAR	(225577)	2000 UM ₉₉	2000 10 25	704	LINEAR
(225526)	2000 RH ₇₆	2000 09 04	704	LINEAR	(225578)	2000 UG ₁₀₁	2000 10 25	704	LINEAR
(225527)	2000 RE ₈₂	2000 09 01	704	LINEAR	(225579)	2000 UP ₁₀₂	2000 10 25	704	LINEAR
(225528)	2000 RY ₈₉	2000 09 03	704	LINEAR	(225580)	2000 VH ₄	2000 11 01	704	LINEAR
(225529)	2000 RG ₉₆	2000 09 04	608	NEAT	(225581)	2000 VB ₅₃	2000 11 03	704	LINEAR
(225530)	2000 RH ₉₇	2000 09 05	699	LONEOS	(225582)	2000 VC ₅₈	2000 11 03	704	LINEAR
(225531)	2000 SF ₁	2000 09 18	704	LINEAR	(225583)	2000 WS ₃₂	2000 11 20	704	LINEAR
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(225533)	2000 SL ₂₀	2000 09 23	704	LINEAR	(225585)	2000 WT ₄₇	2000 11 21	704	LINEAR
(225534)	2000 SX ₂₅	2000 09 23	704	LINEAR	(225586)	2000 WS ₆₇	2000 11 27	704	LINEAR
(225535)	2000 SN ₆₃	2000 09 24	704	LINEAR	(225587)	2000 WS ₇₇	2000 11 20	704	LINEAR
(225536)	2000 SO ₆₃	2000 09 24	704	LINEAR	(225588)	2000 WS ₈₁	2000 11 20	704	LINEAR
(225537)	2000 SZ ₆₄	2000 09 24	704	LINEAR	(225589)	2000 WM ₉₀	2000 11 21	704	LINEAR
(225538)	2000 SV ₆₅	2000 09 24	704	LINEAR	(225590)	2000 WE ₉₄	2000 11 21	704	LINEAR
(225539)	2000 SJ ₉₀	2000 09 22	704	LINEAR	(225591)	2000 WL ₁₀₃	2000 11 26	704	LINEAR
(225540)	2000 SA ₉₈	2000 09 23	704	LINEAR	(225592)	2000 WR ₁₁₇	2000 11 20	704	LINEAR
(225541)	2000 SV ₁₀₅	2000 09 24	704	LINEAR	(225593)	2000 WA ₁₃₄	2000 11 19	704	LINEAR
(225542)	2000 SW ₁₂₄	2000 09 24	704	LINEAR	(225594)	2000 WX ₁₃₆	2000 11 20	704	LINEAR
(225543)	2000 SO ₁₃₄	2000 09 23	704	LINEAR	(225595)	2000 WT ₁₅₅	2000 11 30	704	LINEAR
(225544)	2000 SV ₁₄₂	2000 09 23	704	LINEAR	(225596)	2000 XK ₄	2000 12 01	704	LINEAR
(225545)	2000 SO ₁₆₃	2000 09 30	557	Pravec, P., Kušnirák, P.	(225597)	2000 XQ ₁₃	2000 12 01	704	LINEAR
(225546)	2000 SH ₁₇₃	2000 09 28	704	LINEAR	(225598)	2000 XN ₂₁	2000 12 04	704	LINEAR
(225547)	2000 SN ₁₈₉	2000 09 22	691	Spacewatch	(225599)	2000 XE ₃₁	2000 12 04	704	LINEAR
(225548)	2000 SR ₁₉₄	2000 09 24	704	LINEAR	(225600)	2000 YJ ₂	2000 12 19	691	Spacewatch
(225549)	2000 SC ₁₉₉	2000 09 24	704	LINEAR	(225601)	2000 YY ₂₉	2000 12 29	300	BATTeRS
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(225551)	2000 SG ₂₈₅	2000 09 23	704	LINEAR	(225603)	2000 YT ₃₉	2000 12 30	704	LINEAR
(225552)	2000 SK ₂₈₆	2000 09 25	704	LINEAR	(225604)	2000 YO ₄₁	2000 12 30	704	LINEAR
(225553)	2000 SQ ₃₀₂	2000 09 28	704	LINEAR	(225605)	2000 YK ₄₂	2000 12 30	704	LINEAR
(225554)	2000 SP ₃₀₄	2000 09 30	704	LINEAR	(225606)	2000 YM ₄₃	2000 12 30	704	LINEAR
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(225556)	2000 SV ₃₁₇	2000 09 30	704	LINEAR	(225608)	2000 YB ₆₀	2000 12 30	704	LINEAR
(225557)	2000 SD ₃₃₄	2000 09 26	608	NEAT	(225609)	2000 YN ₆₀	2000 12 30	704	LINEAR
(225558)	2000 SM ₃₄₇	2000 09 25	608	NEAT	(225610)	2000 YJ ₇₄	2000 12 30	704	LINEAR
(225559)	2000 SR ₃₆₄	2000 09 20	704	LINEAR	(225611)	2000 YY ₇₇	2000 12 30	704	LINEAR
(225560)	2000 SF ₃₆₅	2000 09 21	699	LONEOS	(225612)	2000 YK ₈₂	2000 12 30	704	LINEAR
(225561)	2000 SB ₃₇₂	2000 09 25	699	LONEOS	(225613)	2000 YH ₁₀₇	2000 12 30	704	LINEAR
(225562)	2000 TJ	2000 10 02	643	Collins, M., Rudd, A.	(225614)	2000 YA ₁₂₀	2000 12 19	699	LONEOS
(225563)	2000 TL ₂	2000 10 02	734	Hug, G.	(225615)	2000 YR ₁₂₄	2000 12 29	699	LONEOS
(225564)	2000 TY ₈	2000 10 01	704	LINEAR	(225616)	2000 YB ₁₄₃	2000 12 19	704	LINEAR
(225565)	2000 TR ₁₂	2000 10 01	704	LINEAR	(225617)	2001 AQ ₁₄	2001 01 02	704	LINEAR
(225566)	2000 TP ₁₅	2000 10 01	704	LINEAR	(225618)	2001 AO ₂₆	2001 01 05	704	LINEAR
(225567)	2000 TD ₄₅	2000 10 01	704	LINEAR	(225619)	2001 AK ₃₂	2001 01 04	704	LINEAR
(225568)	2000 TV ₅₁	2000 10 01	704	LINEAR	(225620)	2001 AR ₃₄	2001 01 04	704	LINEAR
(225569)	2000 TZ ₅₉	2000 10 02	699	LONEOS	(225621)	2001 BD	2001 01 17	411	Kobayashi, T.

(225622)	2001 BY ₃	2001 01 18	704	LINEAR	(225674)	2001 OA ₉₆	2001 07 29	621	Bickel, W.
(225623)	2001 BS ₁₆	2001 01 18	704	LINEAR	(225675)	2001 PA	2001 08 01	644	NEAT
(225624)	2001 BJ ₃₉	2001 01 19	691	Spacewatch	(225676)	2001 PZ ₁₅	2001 08 09	644	NEAT
(225625)	2001 BK ₄₀	2001 01 21	704	LINEAR	(225677)	2001 PY ₂₁	2001 08 10	608	NEAT
(225626)	2001 BQ ₅₂	2001 01 17	691	Spacewatch	(225678)	2001 PC ₄₃	2001 08 12	608	NEAT
(225627)	2001 BJ ₅₇	2001 01 20	608	NEAT	(225679)	2001 PG ₅₀	2001 08 15	608	NEAT
(225628)	2001 CS ₁₄	2001 02 01	704	LINEAR	(225680)	2001 PO ₆₀	2001 08 13	608	NEAT
(225629)	2001 DN ₅₁	2001 02 16	704	LINEAR	(225681)	2001 PL ₆₁	2001 08 13	608	NEAT
(225630)	2001 DR ₇₇	2001 02 21	691	Spacewatch	(225682)	2001 PA ₆₆	2001 08 15	608	NEAT
(225631)	2001 ER ₁₅	2001 03 15	411	Kobayashi, T.	(225683)	2001 QQ ₈	2001 08 16	704	LINEAR
(225632)	2001 EX ₁₉	2001 03 15	699	LONEOS	(225684)	2001 QC ₃₃	2001 08 17	644	NEAT
(225633)	2001 FF ₁₅	2001 03 19	699	LONEOS	(225685)	2001 QW ₄₁	2001 08 16	704	LINEAR
(225634)	2001 FU ₄₉	2001 03 18	704	LINEAR	(225686)	2001 QE ₆₀	2001 08 18	704	LINEAR
(225635)	2001 FY ₅₄	2001 03 19	704	LINEAR	(225687)	2001 QG ₆₈	2001 08 20	916	Wolfe, C.
(225636)	2001 FD ₅₉	2001 03 19	704	LINEAR	(225688)	2001 QQ ₈₈	2001 08 22	691	Spacewatch
(225637)	2001 FL ₆₀	2001 03 19	704	LINEAR	(225689)	2001 QR ₁₁₆	2001 08 17	704	LINEAR
(225638)	2001 FF ₇₂	2001 03 19	704	LINEAR	(225690)	2001 QS ₁₁₉	2001 08 18	704	LINEAR
(225639)	2001 FS ₇₈	2001 03 19	704	LINEAR	(225691)	2001 QU ₁₂₄	2001 08 19	704	LINEAR
(225640)	2001 FP ₈₄	2001 03 26	691	Spacewatch	(225692)	2001 QJ ₁₄₆	2001 08 25	691	Spacewatch
(225641)	2001 FO ₈₉	2001 03 27	691	Spacewatch	(225693)	2001 QS ₁₄₆	2001 08 26	691	Spacewatch
(225642)	2001 FY ₈₉	2001 03 27	691	Spacewatch	(225694)	2001 QP ₁₅₈	2001 08 23	699	LONEOS
(225643)	2001 FN ₉₆	2001 03 16	704	LINEAR	(225695)	2001 QX ₁₆₂	2001 08 23	699	LONEOS
(225644)	2001 FZ ₉₈	2001 03 16	704	LINEAR	(225696)	2001 QU ₁₆₉	2001 08 22	704	LINEAR
(225645)	2001 FW ₁₀₇	2001 03 18	699	LONEOS	(225697)	2001 QB ₁₇₀	2001 08 23	704	LINEAR
(225646)	2001 FN ₁₁₅	2001 03 19	699	LONEOS	(225698)	2001 QM ₁₈₅	2001 08 21	644	NEAT
(225647)	2001 FU ₁₁₉	2001 03 27	691	Spacewatch	(225699)	2001 QF ₁₈₆	2001 08 21	644	NEAT
(225648)	2001 FA ₁₂₃	2001 03 23	699	LONEOS	(225700)	2001 QH ₁₉₃	2001 08 22	704	LINEAR
(225649)	2001 FF ₁₂₆	2001 03 29	691	Spacewatch	(225701)	2001 QH ₂₀₃	2001 08 23	699	LONEOS
(225650)	2001 FA ₁₄₆	2001 03 24	699	LONEOS	(225702)	2001 QH ₂₁₅	2001 08 23	699	LONEOS
(225651)	2001 FK ₁₄₇	2001 03 24	699	LONEOS	(225703)	2001 QQ ₂₂₂	2001 08 24	699	LONEOS
(225652)	2001 FD ₁₄₈	2001 03 24	699	LONEOS	(225704)	2001 QY ₂₂₉	2001 08 24	699	LONEOS
(225653)	2001 FC ₁₇₈	2001 03 19	704	LINEAR	(225705)	2001 QJ ₂₃₁	2001 08 24	699	LONEOS
(225654)	2001 FR ₁₈₉	2001 03 18	699	LONEOS	(225706)	2001 QE ₂₄₂	2001 08 24	704	LINEAR
(225655)	2001 HR ₂₈	2001 04 27	704	LINEAR	(225707)	2001 QN ₂₄₂	2001 08 24	704	LINEAR
(225656)	2001 HW ₃₃	2001 04 27	704	LINEAR	(225708)	2001 QH ₂₄₆	2001 08 24	704	LINEAR
(225657)	2001 JX ₁	2001 05 15	691	Spacewatch	(225709)	2001 QA ₂₅₂	2001 08 25	704	LINEAR
(225658)	2001 KX ₄₃	2001 05 22	704	LINEAR	(225710)	2001 QX ₂₇₈	2001 08 19	704	LINEAR
(225659)	2001 KH ₄₇	2001 05 24	704	LINEAR	(225711)	2001 QT ₂₈₈	2001 08 17	122	Pises
(225660)	2001 KB ₆₂	2001 05 18	704	LINEAR	(225712)	2001 RN ₁	2001 09 07	704	LINEAR
(225661)	2001 KH ₇₁	2001 05 24	699	LONEOS	(225713)	2001 RE ₉	2001 09 08	704	LINEAR
(225662)	2001 KG ₇₄	2001 05 26	291	Spacewatch	(225714)	2001 RP ₂₀	2001 09 07	704	LINEAR
(225663)	2001 LH ₁₆	2001 06 13	608	NEAT	(225715)	2001 RW ₂₁	2001 09 07	704	LINEAR
(225664)	2001 MJ ₇	2001 06 21	704	LINEAR	(225716)	2001 RH ₂₃	2001 09 07	704	LINEAR
(225665)	2001 NU ₈	2001 07 14	644	NEAT	(225717)	2001 RX ₃₂	2001 09 08	704	LINEAR
(225666)	2001 NE ₁₀	2001 07 14	644	NEAT	(225718)	2001 RL ₅₆	2001 09 12	704	LINEAR
(225667)	2001 ND ₁₅	2001 07 13	644	NEAT	(225719)	2001 RS ₅₈	2001 09 12	704	LINEAR
(225668)	2001 OU ₂	2001 07 17	699	LONEOS	(225720)	2001 RJ ₅₉	2001 09 12	704	LINEAR
(225669)	2001 OE ₁₁	2001 07 20	644	NEAT	(225721)	2001 RJ ₈₅	2001 09 11	699	LONEOS
(225670)	2001 OP ₁₁	2001 07 18	644	NEAT	(225722)	2001 RR ₈₆	2001 09 11	699	LONEOS
(225671)	2001 OY ₁₉	2001 07 21	644	NEAT	(225723)	2001 RS ₉₂	2001 09 11	699	LONEOS
(225672)	2001 OE ₂₀	2001 07 19	699	LONEOS	(225724)	2001 RD ₉₇	2001 09 12	691	Spacewatch
(225673)	2001 OV ₇₆	2001 07 25	608	NEAT	(225725)	2001 RY ₉₉	2001 09 12	704	LINEAR

(225726)	2001 RE ₁₀₀	2001 09 12	704	LINEAR
(225727)	2001 RU ₁₀₆	2001 09 12	704	LINEAR
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(225729)	2001 RA ₁₀₉	2001 09 12	704	LINEAR
(225730)	2001 RR ₁₁₀	2001 09 12	704	LINEAR
(225731)	2001 RD ₁₁₃	2001 09 12	704	LINEAR
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(225733)	2001 RA ₁₃₁	2001 09 12	704	LINEAR
(225734)	2001 RQ ₁₄₁	2001 09 12	704	LINEAR
(225735)	2001 RA ₁₅₀	2001 09 11	699	LONEOS
(225736)	2001 RB ₁₅₀	2001 09 11	699	LONEOS
(225737)	2001 RS ₁₅₄	2001 09 11	699	LONEOS
(225738)	2001 SL ₅	2001 09 16	704	LINEAR
(225739)	2001 SO ₅	2001 09 16	704	LINEAR
(225740)	2001 SK ₁₅	2001 09 16	704	LINEAR
(225741)	2001 SP ₁₅	2001 09 16	704	LINEAR
(225742)	2001 SO ₂₉	2001 09 16	704	LINEAR
(225743)	2001 SM ₃₆	2001 09 16	704	LINEAR
(225744)	2001 SF ₃₇	2001 09 16	704	LINEAR
(225745)	2001 SY ₄₁	2001 09 16	704	LINEAR
(225746)	2001 SC ₄₂	2001 09 16	704	LINEAR
(225747)	2001 SF ₇₅	2001 09 19	699	LONEOS
(225748)	2001 SG ₈₂	2001 09 20	704	LINEAR
(225749)	2001 SQ ₁₀₀	2001 09 20	704	LINEAR
(225750)	2001 SF ₁₃₀	2001 09 16	704	LINEAR
(225751)	2001 SB ₁₄₈	2001 09 17	704	LINEAR
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(225759)	2001 SB ₁₇₄	2001 09 16	704	LINEAR
(225760)	2001 SK ₁₉₅	2001 09 19	704	LINEAR
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(225764)	2001 SG ₂₃₅	2001 09 19	704	LINEAR
(225765)	2001 SD ₂₅₅	2001 09 19	704	LINEAR
(225766)	2001 ST ₂₅₉	2001 09 20	704	LINEAR
(225767)	2001 SL ₂₈₃	2001 09 20	691	Spacewatch
(225768)	2001 SQ ₂₈₉	2001 09 25	683	Tucker, R. A.
(225769)	2001 SA ₂₉₉	2001 09 20	704	LINEAR
(225770)	2001 SZ ₃₄₉	2001 09 19	704	LINEAR
(225771)	2001 SR ₃₅₄	2001 09 18	699	LONEOS
(225772)	2001 TL ₆	2001 10 10	644	NEAT
(225773)	2001 TQ ₁₆	2001 10 11	704	LINEAR
(225774)	2001 TB ₂₁	2001 10 09	704	LINEAR
(225775)	2001 TY ₄₈	2001 10 15	704	LINEAR
(225776)	2001 TG ₈₂	2001 10 14	704	LINEAR
(225777)	2001 TH ₁₄₈	2001 10 10	644	NEAT

(225778)	2001 TB ₁₅₁	2001 10 10	644	NEAT
(225779)	2001 TW ₁₅₁	2001 10 10	644	NEAT
(225780)	2001 TL ₁₅₄	2001 10 15	644	NEAT
(225781)	2001 TT ₁₅₅	2001 10 14	691	Spacewatch
(225782)	2001 TW ₁₆₂	2001 10 11	644	NEAT
(225783)	2001 TP ₁₈₀	2001 10 14	704	LINEAR
(225784)	2001 TW ₁₈₃	2001 10 14	704	LINEAR
(225785)	2001 TP ₂₀₀	2001 10 11	704	LINEAR
(225786)	2001 UP ₈	2001 10 17	704	LINEAR
(225787)	2001 UV ₄₃	2001 10 17	704	LINEAR
(225788)	2001 UF ₄₄	2001 10 17	704	LINEAR
(225789)	2001 UJ ₁₀₇	2001 10 20	704	LINEAR
(225790)	2001 UY ₁₁₁	2001 10 21	704	LINEAR
(225791)	2001 UV ₁₃₈	2001 10 23	704	LINEAR
(225792)	2001 UQ ₁₈₇	2001 10 17	644	NEAT
(225793)	2001 UQ ₂₂₂	2001 10 21	291	Spacewatch
(225794)	2001 VO ₈	2001 11 09	704	LINEAR
(225795)	2001 VZ ₂₆	2001 11 09	704	LINEAR
(225796)	2001 VY ₃₀	2001 11 09	704	LINEAR
(225797)	2001 VM ₃₃	2001 11 09	704	LINEAR
(225798)	2001 VS ₃₃	2001 11 09	704	LINEAR
(225799)	2001 VN ₄₁	2001 11 09	704	LINEAR
(225800)	2001 VR ₄₁	2001 11 09	704	LINEAR
(225801)	2001 VN ₅₀	2001 11 10	704	LINEAR
(225802)	2001 VC ₇₁	2001 11 11	704	LINEAR
(225803)	2001 VS ₇₇	2001 11 11	691	Spacewatch
(225804)	2001 VK ₇₈	2001 11 10	704	LINEAR
(225805)	2001 VN ₇₈	2001 11 15	704	LINEAR
(225806)	2001 VC ₈₂	2001 11 09	621	Bickel, W.
(225807)	2001 VS ₈₇	2001 11 11	704	LINEAR
(225808)	2001 VQ ₉₈	2001 11 15	704	LINEAR
(225809)	2001 VX ₁₀₄	2001 11 12	704	LINEAR
(225810)	2001 VG ₁₀₆	2001 11 12	704	LINEAR
(225811)	2001 VF ₁₁₃	2001 11 12	704	LINEAR
(225812)	2001 VF ₁₁₅	2001 11 12	704	LINEAR
(225813)	2001 VS ₁₂₀	2001 11 12	704	LINEAR
(225814)	2001 WD ₁	2001 11 17	704	LINEAR
(225815)	2001 WP ₈	2001 11 17	704	LINEAR
(225816)	2001 WZ ₉	2001 11 17	704	LINEAR
(225817)	2001 WJ ₃₂	2001 11 17	704	LINEAR
(225818)	2001 WV ₅₆	2001 11 19	704	LINEAR
(225819)	2001 WW ₈₁	2001 11 20	704	LINEAR
(225820)	2001 WZ ₈₇	2001 11 19	704	LINEAR
(225821)	2001 WO ₁₀₃	2001 11 18	704	LINEAR
(225822)	2001 XL	2001 12 04	704	LINEAR
(225823)	2001 XR ₄	2001 12 09	704	LINEAR
(225824)	2001 XT ₆	2001 12 09	704	LINEAR
(225825)	2001 XQ ₂₆	2001 12 10	704	LINEAR
(225826)	2001 XV ₂₆	2001 12 10	704	LINEAR
(225827)	2001 XB ₃₈	2001 12 09	704	LINEAR
(225828)	2001 XE ₄₄	2001 12 09	704	LINEAR
(225829)	2001 XA ₄₆	2001 12 09	704	LINEAR

(225830)	2001	XA ₅₇	2001 12 10	704	LINEAR	(225882)	2001	YS ₇₀	2001 12 18	704	LINEAR
(225831)	2001	XN ₆₄	2001 12 10	704	LINEAR	(225883)	2001	YH ₇₁	2001 12 18	704	LINEAR
(225832)	2001	XF ₆₆	2001 12 10	704	LINEAR	(225884)	2001	YN ₈₁	2001 12 18	704	LINEAR
(225833)	2001	XR ₆₈	2001 12 11	704	LINEAR	(225885)	2001	YY ₈₈	2001 12 18	704	LINEAR
(225834)	2001	XE ₇₉	2001 12 11	704	LINEAR	(225886)	2001	YQ ₈₉	2001 12 18	704	LINEAR
(225835)	2001	XT ₈₀	2001 12 11	704	LINEAR	(225887)	2001	YP ₁₀₈	2001 12 18	704	LINEAR
(225836)	2001	XE ₈₇	2001 12 13	704	LINEAR	(225888)	2001	YD ₁₁₁	2001 12 18	699	LONEOS
(225837)	2001	XZ ₉₁	2001 12 10	704	LINEAR	(225889)	2001	YK ₁₁₅	2001 12 17	704	LINEAR
(225838)	2001	XM ₉₄	2001 12 10	704	LINEAR	(225890)	2001	YY ₁₁₅	2001 12 17	704	LINEAR
(225839)	2001	XQ ₉₇	2001 12 10	704	LINEAR	(225891)	2001	YC ₁₁₆	2001 12 17	704	LINEAR
(225840)	2001	XC ₁₀₃	2001 12 14	704	LINEAR	(225892)	2001	YM ₁₂₃	2001 12 17	704	LINEAR
(225841)	2001	XB ₁₀₉	2001 12 10	704	LINEAR	(225893)	2001	YE ₁₂₇	2001 12 17	704	LINEAR
(225842)	2001	XQ ₁₁₇	2001 12 13	704	LINEAR	(225894)	2001	YV ₁₄₅	2001 12 18	704	LINEAR
(225843)	2001	XS ₁₂₃	2001 12 14	704	LINEAR	(225895)	2001	YJ ₁₅₃	2001 12 19	699	LONEOS
(225844)	2001	XP ₁₃₁	2001 12 14	704	LINEAR	(225896)	2001	YG ₁₅₄	2001 12 19	644	NEAT
(225845)	2001	XW ₁₃₃	2001 12 14	704	LINEAR	(225897)	2001	YH ₁₅₅	2001 12 20	644	NEAT
(225846)	2001	XS ₁₃₅	2001 12 14	704	LINEAR	(225898)	2002	AA ₁	2002 01 06	683	Tucker, R. A.
(225847)	2001	XE ₁₃₆	2001 12 14	704	LINEAR	(225899)	2002	AS ₂	2002 01 06	704	LINEAR
(225848)	2001	XO ₁₄₆	2001 12 14	704	LINEAR	(225900)	2002	AF ₃	2002 01 07	704	LINEAR
(225849)	2001	XS ₁₅₉	2001 12 14	704	LINEAR	(225901)	2002	AR ₁₆	2002 01 04	608	NEAT
(225850)	2001	XX ₁₅₉	2001 12 14	704	LINEAR	(225902)	2002	AF ₂₂	2002 01 09	704	LINEAR
(225851)	2001	XR ₁₆₁	2001 12 14	704	LINEAR	(225903)	2002	AH ₂₄	2002 01 08	644	NEAT
(225852)	2001	XK ₁₆₆	2001 12 14	704	LINEAR	(225904)	2002	AN ₂₅	2002 01 08	644	NEAT
(225853)	2001	XX ₁₇₁	2001 12 14	704	LINEAR	(225905)	2002	AW ₂₉	2002 01 08	704	LINEAR
(225854)	2001	XB ₁₇₂	2001 12 14	704	LINEAR	(225906)	2002	AO ₃₆	2002 01 09	704	LINEAR
(225855)	2001	XZ ₁₇₂	2001 12 14	704	LINEAR	(225907)	2002	AX ₃₉	2002 01 09	704	LINEAR
(225856)	2001	XN ₁₇₅	2001 12 14	704	LINEAR	(225908)	2002	AC ₄₇	2002 01 09	704	LINEAR
(225857)	2001	XA ₁₇₇	2001 12 14	704	LINEAR	(225909)	2002	AM ₅₁	2002 01 09	704	LINEAR
(225858)	2001	XK ₁₇₇	2001 12 14	704	LINEAR	(225910)	2002	AS ₅₅	2002 01 09	704	LINEAR
(225859)	2001	XC ₁₈₂	2001 12 14	704	LINEAR	(225911)	2002	AA ₅₆	2002 01 09	704	LINEAR
(225860)	2001	XT ₁₈₈	2001 12 14	704	LINEAR	(225912)	2002	AW ₆₃	2002 01 11	704	LINEAR
(225861)	2001	XS ₁₉₁	2001 12 14	704	LINEAR	(225913)	2002	AM ₇₃	2002 01 08	704	LINEAR
(225862)	2001	XR ₂₀₁	2001 12 11	691	Spacewatch	(225914)	2002	AR ₈₀	2002 01 08	704	LINEAR
(225863)	2001	XF ₂₀₅	2001 12 11	704	LINEAR	(225915)	2002	AA ₈₅	2002 01 09	704	LINEAR
(225864)	2001	XX ₂₀₅	2001 12 11	704	LINEAR	(225916)	2002	AX ₈₆	2002 01 09	704	LINEAR
(225865)	2001	XS ₂₁₅	2001 12 14	704	LINEAR	(225917)	2002	AR ₈₈	2002 01 09	704	LINEAR
(225866)	2001	XM ₂₂₃	2001 12 15	704	LINEAR	(225918)	2002	AZ ₉₆	2002 01 08	704	LINEAR
(225867)	2001	XM ₂₂₆	2001 12 15	704	LINEAR	(225919)	2002	AL ₁₀₂	2002 01 08	704	LINEAR
(225868)	2001	XE ₂₂₉	2001 12 15	704	LINEAR	(225920)	2002	AE ₁₀₅	2002 01 09	704	LINEAR
(225869)	2001	XA ₂₃₄	2001 12 15	704	LINEAR	(225921)	2002	AE ₁₀₆	2002 01 09	704	LINEAR
(225870)	2001	XU ₂₃₉	2001 12 15	704	LINEAR	(225922)	2002	AH ₁₀₇	2002 01 09	704	LINEAR
(225871)	2001	XC ₂₄₆	2001 12 15	704	LINEAR	(225923)	2002	AK ₁₀₉	2002 01 09	704	LINEAR
(225872)	2001	XG ₂₆₀	2001 12 10	691	Spacewatch	(225924)	2002	AE ₁₁₆	2002 01 09	704	LINEAR
(225873)	2001	YL ₄	2001 12 22	941	Pla D'Arguines	(225925)	2002	AG ₁₃₁	2002 01 12	644	NEAT
(225874)	2001	YS ₄	2001 12 23	446	McClusky, J. V.	(225926)	2002	AL ₁₃₇	2002 01 09	704	LINEAR
(225875)	2001	YS ₂₅	2001 12 18	704	LINEAR	(225927)	2002	AU ₁₃₈	2002 01 09	704	LINEAR
(225876)	2001	YM ₂₇	2001 12 18	704	LINEAR	(225928)	2002	AM ₁₄₀	2002 01 13	704	LINEAR
(225877)	2001	YG ₅₂	2001 12 18	704	LINEAR	(225929)	2002	AQ ₁₄₄	2002 01 13	704	LINEAR
(225878)	2001	YB ₆₂	2001 12 18	704	LINEAR	(225930)	2002	AL ₁₆₁	2002 01 13	704	LINEAR
(225879)	2001	YS ₆₅	2001 12 18	704	LINEAR	(225931)	2002	AS ₁₇₀	2002 01 14	704	LINEAR
(225880)	2001	YM ₆₇	2001 12 18	704	LINEAR	(225932)	2002	AT ₁₇₀	2002 01 14	704	LINEAR
(225881)	2001	YW ₆₈	2001 12 18	704	LINEAR	(225933)	2002	AJ ₁₇₁	2002 01 14	704	LINEAR

(225934)	2002 AT ₁₇₅	2002 01 14	704	LINEAR
(225935)	2002 AV ₁₇₅	2002 01 14	704	LINEAR
(225936)	2002 AT ₁₇₆	2002 01 14	704	LINEAR
(225937)	2002 AA ₁₈₀	2002 01 06	704	LINEAR
(225938)	2002 AV ₁₈₄	2002 01 08	644	NEAT
(225939)	2002 AH ₁₈₅	2002 01 08	704	LINEAR
(225940)	2002 AE ₁₈₇	2002 01 08	704	LINEAR
(225941)	2002 AQ ₁₉₈	2002 01 11	699	LONEOS
(225942)	2002 AK ₂₀₂	2002 01 13	704	LINEAR
(225943)	2002 AM ₂₀₃	2002 01 08	291	Spacewatch
(225944)	2002 BX ₃	2002 01 18	699	LONEOS
(225945)	2002 BE ₂₁	2002 01 25	704	LINEAR
(225946)	2002 BT ₂₃	2002 01 23	704	LINEAR
(225947)	2002 BN ₂₇	2002 01 20	699	LONEOS
(225948)	2002 BJ ₂₉	2002 01 20	699	LONEOS
(225949)	2002 BT ₂₉	2002 01 21	699	LONEOS
(225950)	2002 CC ₂	2002 02 03	644	NEAT
(225951)	2002 CF ₅	2002 02 04	644	NEAT
(225952)	2002 CO ₅	2002 02 04	608	NEAT
(225953)	2002 CK ₂₄	2002 02 06	608	NEAT
(225954)	2002 CD ₂₇	2002 02 06	704	LINEAR
(225955)	2002 CK ₂₇	2002 02 06	704	LINEAR
(225956)	2002 CG ₃₁	2002 02 06	704	LINEAR
(225957)	2002 CT ₃₃	2002 02 06	704	LINEAR
(225958)	2002 CL ₆₀	2002 02 06	704	LINEAR
(225959)	2002 CM ₆₂	2002 02 06	704	LINEAR
(225960)	2002 CY ₆₄	2002 02 06	704	LINEAR
(225961)	2002 CC ₇₁	2002 02 07	704	LINEAR
(225962)	2002 CN ₈₇	2002 02 07	704	LINEAR
(225963)	2002 CQ ₈₉	2002 02 07	704	LINEAR
(225964)	2002 CG ₉₆	2002 02 07	704	LINEAR
(225965)	2002 CM ₁₀₀	2002 02 07	704	LINEAR
(225966)	2002 CK ₁₀₄	2002 02 07	704	LINEAR
(225967)	2002 CS ₁₁₃	2002 02 08	704	LINEAR
(225968)	2002 CF ₁₁₆	2002 02 12	333	Yeung, W. K. Y.
(225969)	2002 CJ ₁₁₆	2002 02 11	344	Bohyunsan
(225970)	2002 CD ₁₂₁	2002 02 07	704	LINEAR
(225971)	2002 CL ₁₃₅	2002 02 08	704	LINEAR
(225972)	2002 CB ₁₄₁	2002 02 08	704	LINEAR
(225973)	2002 CR ₁₄₂	2002 02 09	704	LINEAR
(225974)	2002 CG ₁₆₀	2002 02 08	704	LINEAR
(225975)	2002 CW ₁₆₀	2002 02 08	704	LINEAR
(225976)	2002 CU ₁₆₄	2002 02 08	704	LINEAR
(225977)	2002 CP ₁₈₀	2002 02 10	704	LINEAR
(225978)	2002 CF ₁₈₆	2002 02 10	704	LINEAR
(225979)	2002 CP ₁₈₉	2002 02 10	704	LINEAR
(225980)	2002 CL ₁₉₆	2002 02 10	704	LINEAR
(225981)	2002 CQ ₂₁₅	2002 02 10	704	LINEAR
(225982)	2002 CR ₂₂₂	2002 02 11	704	LINEAR
(225983)	2002 CH ₂₂₅	2002 02 15	621	Bickel, W.
(225984)	2002 CJ ₂₂₈	2002 02 06	644	NEAT
(225985)	2002 CP ₂₃₅	2002 02 08	704	LINEAR

(225986)	2002 CY ₂₃₇	2002 02 11	704	LINEAR
(225987)	2002 CT ₂₅₁	2002 02 03	699	LONEOS
(225988)	2002 CC ₂₅₄	2002 02 05	644	NEAT
(225989)	2002 CE ₂₅₉	2002 02 06	699	LONEOS
(225990)	2002 CM ₂₅₉	2002 02 06	644	NEAT
(225991)	2002 CK ₂₆₁	2002 02 07	695	Buie, M. W.
(225992)	2002 CL ₂₈₉	2002 02 10	704	LINEAR
(225993)	2002 CF ₃₀₉	2002 02 10	704	LINEAR
(225994)	2002 CF ₃₁₀	2002 02 06	644	NEAT
(225995)	2002 DS	2002 02 17	735	Needville
(225996)	2002 DO ₆	2002 02 20	691	Spacewatch
(225997)	2002 DO ₇	2002 02 19	704	LINEAR
(225998)	2002 DA ₈	2002 02 19	704	LINEAR
(225999)	2002 DU ₈	2002 02 19	704	LINEAR
(226000)	2002 DK ₁₁	2002 02 20	704	LINEAR
(226001)	2002 DT ₁₁	2002 02 20	644	NEAT
(226002)	2002 DK ₁₂	2002 02 21	644	NEAT
(226003)	2002 DG ₂₀	2002 02 21	691	Spacewatch
(226004)	2002 EB	2002 03 03	704	LINEAR
(226005)	2002 EP ₁₄	2002 03 06	644	NEAT
(226006)	2002 EZ ₁₈	2002 03 09	291	Spacewatch
(226007)	2002 ED ₁₉	2002 03 09	644	NEAT
(226008)	2002 EM ₃₂	2002 03 10	608	NEAT
(226009)	2002 ES ₄₅	2002 03 11	644	NEAT
(226010)	2002 EF ₅₀	2002 03 12	644	NEAT
(226011)	2002 EX ₅₂	2002 03 09	704	LINEAR
(226012)	2002 EG ₅₈	2002 03 13	704	LINEAR
(226013)	2002 ER ₆₁	2002 03 13	704	LINEAR
(226014)	2002 EG ₈₀	2002 03 12	644	NEAT
(226015)	2002 EB ₈₄	2002 03 09	704	LINEAR
(226016)	2002 EN ₈₄	2002 03 09	704	LINEAR
(226017)	2002 EM ₉₄	2002 03 14	704	LINEAR
(226018)	2002 EQ ₁₀₂	2002 03 06	644	NEAT
(226019)	2002 EV ₁₀₅	2002 03 09	699	LONEOS
(226020)	2002 EN ₁₁₀	2002 03 09	703	CSS
(226021)	2002 EC ₁₁₂	2002 03 09	691	Spacewatch
(226022)	2002 EX ₁₁₂	2002 03 10	691	Spacewatch
(226023)	2002 EY ₁₁₅	2002 03 10	608	NEAT
(226024)	2002 EG ₁₂₃	2002 03 12	699	LONEOS
(226025)	2002 EA ₁₂₅	2002 03 12	644	NEAT
(226026)	2002 EA ₁₂₇	2002 03 12	644	NEAT
(226027)	2002 EK ₁₂₇	2002 03 12	291	Spacewatch
(226028)	2002 ED ₁₂₈	2002 03 12	644	NEAT
(226029)	2002 EQ ₁₄₁	2002 03 12	644	NEAT
(226030)	2002 ER ₁₅₃	2002 03 12	408	Nyukasa
(226031)	2002 FX ₈	2002 03 16	704	LINEAR
(226032)	2002 FN ₁₆	2002 03 16	608	NEAT
(226033)	2002 FR ₁₈	2002 03 18	695	Buie, M. W.
(226034)	2002 FH ₂₉	2002 03 20	704	LINEAR
(226035)	2002 FR ₂₉	2002 03 20	704	LINEAR
(226036)	2002 FC ₃₂	2002 03 20	699	LONEOS
(226037)	2002 FZ ₃₅	2002 03 21	704	LINEAR

(226038)	2002 FW ₃₈	2002 03 30	644	NEAT
(226039)	2002 GB ₁₃	2002 04 14	704	LINEAR
(226040)	2002 GF ₁₈	2002 04 13	291	Spacewatch
(226041)	2002 GJ ₃₅	2002 04 02	704	LINEAR
(226042)	2002 GE ₄₄	2002 04 04	644	NEAT
(226043)	2002 GD ₅₇	2002 04 08	291	Spacewatch
(226044)	2002 GE ₆₆	2002 04 08	644	NEAT
(226045)	2002 GA ₇₂	2002 04 09	699	LONEOS
(226046)	2002 GV ₇₅	2002 04 09	704	LINEAR
(226047)	2002 GL ₈₅	2002 04 10	704	LINEAR
(226048)	2002 GO ₈₈	2002 04 10	704	LINEAR
(226049)	2002 GC ₈₉	2002 04 10	704	LINEAR
(226050)	2002 GT ₁₁₂	2002 04 10	704	LINEAR
(226051)	2002 GC ₁₁₃	2002 04 11	699	LONEOS
(226052)	2002 GW ₁₁₆	2002 04 11	704	LINEAR
(226053)	2002 GD ₁₁₈	2002 04 12	644	NEAT
(226054)	2002 GP ₁₂₈	2002 04 12	704	LINEAR
(226055)	2002 GK ₁₃₄	2002 04 12	704	LINEAR
(226056)	2002 GC ₁₃₇	2002 04 12	704	LINEAR
(226057)	2002 GG ₁₃₈	2002 04 12	691	Spacewatch
(226058)	2002 GO ₁₄₅	2002 04 12	691	Spacewatch
(226059)	2002 GN ₁₄₈	2002 04 14	704	LINEAR
(226060)	2002 GV ₁₆₀	2002 04 15	644	NEAT
(226061)	2002 GT ₁₆₄	2002 04 14	644	NEAT
(226062)	2002 GN ₁₆₉	2002 04 09	704	LINEAR
(226063)	2002 GJ ₁₇₁	2002 04 10	704	LINEAR
(226064)	2002 GU ₁₈₄	2002 04 13	291	Spacewatch
(226065)	2002 HE ₉	2002 04 16	704	LINEAR
(226066)	2002 HK ₉	2002 04 16	704	LINEAR
(226067)	2002 HQ ₁₄	2002 04 17	691	Spacewatch
(226068)	2002 JC ₁₈	2002 05 07	644	NEAT
(226069)	2002 JX ₄₁	2002 05 08	704	LINEAR
(226070)	2002 JQ ₆₈	2002 05 06	704	LINEAR
(226071)	2002 JR ₈₅	2002 05 11	704	LINEAR
(226072)	2002 JW ₁₀₂	2002 05 09	704	LINEAR
(226073)	2002 JA ₁₀₃	2002 05 09	704	LINEAR
(226074)	2002 JD ₁₀₈	2002 05 14	644	NEAT
(226075)	2002 JM ₁₂₈	2002 05 07	644	NEAT
(226076)	2002 JZ ₁₃₇	2002 05 09	644	NEAT
(226077)	2002 JD ₁₃₈	2002 05 09	644	NEAT
(226078)	2002 KG ₁₆	2002 05 25	644	NEAT
(226079)	2002 LO	2002 06 02	644	NEAT
(226080)	2002 LT ₁₄	2002 06 06	704	LINEAR
(226081)	2002 LL ₁₇	2002 06 06	704	LINEAR
(226082)	2002 LQ ₂₀	2002 06 06	704	LINEAR
(226083)	2002 LW ₂₁	2002 06 08	704	LINEAR
(226084)	2002 LB ₃₄	2002 06 09	704	LINEAR
(226085)	2002 LN ₅₁	2002 06 09	704	LINEAR
(226086)	2002 LG ₅₂	2002 06 09	644	NEAT
(226087)	2002 NM ₂₆	2002 07 09	704	LINEAR
(226088)	2002 NX ₄₅	2002 07 13	644	NEAT
(226089)	2002 NA ₅₇	2002 07 14	644	Hoenig, S. F.

(226090)	2002 NQ ₆₀	2002 07 12	644	NEAT
(226091)	2002 OX ₅	2002 07 20	644	NEAT
(226092)	2002 OC ₁₀	2002 07 21	644	NEAT
(226093)	2002 OG ₁₃	2002 07 18	704	LINEAR
(226094)	2002 OS ₁₅	2002 07 18	704	LINEAR
(226095)	2002 OU ₁₆	2002 07 18	704	LINEAR
(226096)	2002 OP ₁₇	2002 07 18	704	LINEAR
(226097)	2002 OM ₂₆	2002 07 29	644	NEAT
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(226186) 2002 TY ₂₂₂	2002 10 07	704	LINEAR	(226238) 2002 XC ₂₃	2002 12 05	704	LINEAR
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(226191) 2002 TC ₂₅₇	2002 10 09	704	LINEAR	(226243) 2002 XC ₄₅	2002 12 08	608	NEAT
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(226247) 2002 XV ₇₂	2002 12 11	704	LINEAR
(226248) 2002 XZ ₇₃	2002 12 11	704	LINEAR
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(226250) 2002 XS ₁₁₅	2002 12 05	704	LINEAR
(226251) 2002 YS ₁	2002 12 27	699	LONEOS
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(226262) 2003 AD ₃₀	2003 01 04	291	Spacewatch
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(226265) 2003 AE ₄₉	2003 01 05	704	LINEAR
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(226270) 2003 AW ₆₃	2003 01 08	704	LINEAR
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(226277) 2003 AR ₉₂	2003 01 09	704	LINEAR
(226278) 2003 AY ₉₂	2003 01 09	704	LINEAR
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(226280) 2003 BU ₂	2003 01 26	699	LONEOS
(226281) 2003 BG ₆	2003 01 23	049	Uppsala-DLR Asteroid Survey
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(226287) 2003 BB ₃₀	2003 01 27	704	LINEAR
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(226289) 2003 BD ₃₈	2003 01 27	699	LONEOS
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(226291) 2003 BX ₄₁	2003 01 29	291	Spacewatch
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(226294) 2003 BV ₅₂	2003 01 27	699	LONEOS
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(226296) 2003 BO ₆₅	2003 01 30	699	LONEOS
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(226303) 2003 BL ₇₇	2003 01 30	699	LONEOS
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(226305) 2003 BR ₈₉	2003 01 28	704	LINEAR
(226306) 2003 BP ₉₀	2003 01 30	699	LONEOS
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(226308) 2003 CN ₂	2003 02 01	608	NEAT
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(226310) 2003 CA ₆	2003 02 01	704	LINEAR
(226311) 2003 CX ₇	2003 02 01	704	LINEAR
(226312) 2003 CN ₁₂	2003 02 02	644	NEAT
(226313) 2003 CH ₁₉	2003 02 08	704	LINEAR
(226314) 2003 DU ₃	2003 02 22	644	NEAT
(226315) 2003 DD ₆	2003 02 22	644	NEAT
(226316) 2003 DU ₁₁	2003 02 25	599	CINEOS
(226317) 2003 DJ ₁₃	2003 02 27	246	Tichý, M., Kočer, M.
(226318) 2003 DG ₁₈	2003 02 19	644	NEAT
(226319) 2003 DQ ₂₀	2003 02 22	644	NEAT
(226320) 2003 EK ₃	2003 03 06	704	LINEAR
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(226322) 2003 EL ₁₈	2003 03 06	699	LONEOS
(226323) 2003 EM ₁₈	2003 03 06	699	LONEOS
(226324) 2003 EB ₂₆	2003 03 06	699	LONEOS
(226325) 2003 ER ₂₆	2003 03 06	699	LONEOS
(226326) 2003 ED ₂₉	2003 03 06	704	LINEAR
(226327) 2003 EE ₃₄	2003 03 07	704	LINEAR
(226328) 2003 ET ₃₆	2003 03 08	699	LONEOS
(226329) 2003 EX ₄₁	2003 03 07	644	NEAT
(226330) 2003 EA ₄₉	2003 03 09	704	LINEAR
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(226332) 2003 FE ₂₂	2003 03 25	291	Spacewatch
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(226335) 2003 FS ₄₆	2003 03 24	691	Spacewatch
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(226337) 2003 FA ₆₆	2003 03 26	291	Spacewatch
(226338) 2003 FQ ₇₁	2003 03 26	691	Spacewatch
(226339) 2003 FO ₇₂	2003 03 26	644	NEAT
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(226341) 2003 FE ₈₀	2003 03 27	644	NEAT
(226342) 2003 FV ₈₁	2003 03 27	691	Spacewatch
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(226352)	2003 GZ ₁₃	2003 04 04	291	Spacewatch	(226404)	2003 QV ₆₀	2003 08 23	704	LINEAR
(226353)	2003 GG ₁₇	2003 04 06	704	LINEAR	(226405)	2003 QK ₆₇	2003 08 23	704	LINEAR
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(226357)	2003 GX ₅₄	2003 04 04	691	Spacewatch	(226409)	2003 QM ₈₅	2003 08 24	807	Buie, M. W.
(226358)	2003 GL ₅₆	2003 04 07	291	Spacewatch	(226410)	2003 QU ₉₂	2003 08 27	644	NEAT
(226359)	2003 HL ₂	2003 04 25	704	LINEAR	(226411)	2003 QE ₉₄	2003 08 28	608	NEAT
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(226364)	2003 HQ ₃₆	2003 04 29	699	LONEOS	(226416)	2003 QG ₁₁₅	2003 08 27	644	NEAT
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(226366)	2003 HG ₄₉	2003 04 28	704	LINEAR	(226418)	2003 RT ₄	2003 09 03	608	NEAT
(226367)	2003 HW ₅₈	2003 04 28	691	Spacewatch	(226419)	2003 RJ ₅	2003 09 02	704	LINEAR
(226368)	2003 JD ₃	2003 05 01	291	Spacewatch	(226420)	2003 RF ₇	2003 09 04	599	CINEOS
(226369)	2003 JJ ₅	2003 05 01	704	LINEAR	(226421)	2003 RU ₇	2003 09 04	428	Broughton, J.
(226370)	2003 JZ ₅	2003 05 01	691	Spacewatch	(226422)	2003 RE ₁₀	2003 09 02	621	Bickel, W.
(226371)	2003 JR ₇	2003 05 02	704	LINEAR	(226423)	2003 RQ ₁₄	2003 09 15	608	NEAT
(226372)	2003 JV ₇	2003 05 02	704	LINEAR	(226424)	2003 RG ₂₃	2003 09 13	608	NEAT
(226373)	2003 JH ₁₀	2003 05 01	608	NEAT	(226425)	2003 SC ₁	2003 09 16	691	Spacewatch
(226374)	2003 JQ ₁₁	2003 05 03	691	Spacewatch	(226426)	2003 SJ ₁₀	2003 09 17	691	Spacewatch
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(226377)	2003 KC ₃₀	2003 05 25	691	Spacewatch	(226429)	2003 SS ₂₂	2003 09 16	691	Spacewatch
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(226384)	2003 OK ₃	2003 07 22	608	NEAT	(226436)	2003 SH ₃₄	2003 09 18	691	Spacewatch
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(226386)	2003 OX ₆	2003 07 23	644	NEAT	(226438)	2003 SS ₄₀	2003 09 16	644	NEAT
(226387)	2003 OD ₂₀	2003 07 30	599	CINEOS	(226439)	2003 SP ₄₇	2003 09 18	644	NEAT
(226388)	2003 OS ₂₀	2003 07 31	428	Broughton, J.	(226440)	2003 SZ ₄₇	2003 09 18	644	NEAT
(226389)	2003 OJ ₃₂	2003 07 22	704	LINEAR	(226441)	2003 SD ₄₈	2003 09 18	644	NEAT
(226390)	2003 PU ₆	2003 08 01	704	LINEAR	(226442)	2003 SE ₄₉	2003 09 18	644	NEAT
(226391)	2003 PN ₇	2003 08 02	608	NEAT	(226443)	2003 SA ₅₃	2003 09 19	644	NEAT
(226392)	2003 QL ₄	2003 08 18	599	CINEOS	(226444)	2003 SN ₆₅	2003 09 18	699	LONEOS
(226393)	2003 QV ₄	2003 08 20	644	NEAT	(226445)	2003 SP ₆₆	2003 09 18	599	CINEOS
(226394)	2003 QM ₆	2003 08 19	599	CINEOS	(226446)	2003 SB ₇₁	2003 09 18	691	Spacewatch
(226395)	2003 QZ ₁₃	2003 08 19	599	CINEOS	(226447)	2003 SM ₇₄	2003 09 18	691	Spacewatch
(226396)	2003 QK ₁₄	2003 08 20	644	NEAT	(226448)	2003 SN ₇₄	2003 09 18	691	Spacewatch
(226397)	2003 QT ₁₄	2003 08 20	644	NEAT	(226449)	2003 SE ₇₉	2003 09 19	691	Spacewatch
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(226785) 2004 RP ₁₅₉	2004 09 10	704	LINEAR	(226837) 2004 SZ ₁₆	2004 09 17	699	LONEOS
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(226961)	2004 VO ₇₂	2004 11 09	703	CSS
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(227024) 2004 YC ₁	2004 12 16	703	CSS	(227076) 2005 JT ₁₄₄	2005 05 15	G96	Mt. Lemmon Survey
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(227081)	2005 LM ₃₂	2005 06 09	691	Spacewatch	(227133)	2005 OR ₁₁	2005 07 29	644	NEAT
(227082)	2005 LY ₄₉	2005 06 11	691	Spacewatch	(227134)	2005 OR ₁₂	2005 07 29	644	NEAT
(227083)	2005 LV ₅₁	2005 06 14	G96	Mt. Lemmon Survey	(227135)	2005 OE ₁₃	2005 07 29	644	NEAT
(227084)	2005 LA ₅₃	2005 06 13	G96	Mt. Lemmon Survey	(227136)	2005 OL ₁₄	2005 07 31	E12	Siding Spring Survey
(227085)	2005 MZ	2005 06 17	G96	Mt. Lemmon Survey	(227137)	2005 OE ₁₅	2005 07 29	428	Broughton, J.
(227086)	2005 MY ₂	2005 06 18	G96	Mt. Lemmon Survey	(227138)	2005 OH ₁₅	2005 07 30	428	Broughton, J.
(227087)	2005 ME ₈	2005 06 27	691	Spacewatch	(227139)	2005 OG ₂₆	2005 07 29	644	NEAT
(227088)	2005 MJ ₉	2005 06 28	691	Spacewatch	(227140)	2005 OT ₂₇	2005 07 28	644	NEAT
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(227090)	2005 MU ₁₇	2005 06 27	691	Spacewatch	(227142)	2005 PL ₁	2005 08 01	E12	Siding Spring Survey
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(227093)	2005 MZ ₂₅	2005 06 27	599	CINEOS	(227145)	2005 PX ₂	2005 08 02	704	LINEAR
(227094)	2005 MF ₃₀	2005 06 29	691	Spacewatch	(227146)	2005 PB ₃	2005 08 02	704	LINEAR
(227095)	2005 MR ₃₆	2005 06 30	691	Spacewatch	(227147)	2005 PW ₅	2005 08 10	185	Ory, M.
(227096)	2005 MU ₃₆	2005 06 30	691	Spacewatch	(227148)	2005 PW ₁₀	2005 08 04	644	NEAT
(227097)	2005 MV ₃₆	2005 06 30	691	Spacewatch	(227149)	2005 PE ₁₄	2005 08 04	644	NEAT
(227098)	2005 MU ₄₂	2005 06 29	644	NEAT	(227150)	2005 PM ₁₅	2005 08 04	644	NEAT
(227099)	2005 MR ₄₉	2005 06 30	691	Spacewatch	(227151)	2005 PT ₁₆	2005 08 10	947	Saint-Sulpice
(227100)	2005 MM ₅₀	2005 06 30	691	Spacewatch	(227152)	2005 PJ ₂₀	2005 08 05	A55	Casulli, V. S.
(227101)	2005 NW ₁₃	2005 07 05	291	Spacewatch	(227153)	2005 PQ ₂₃	2005 08 09	704	LINEAR
(227102)	2005 NH ₂₀	2005 07 04	704	LINEAR	(227154)	2005 QQ ₁	2005 08 22	644	NEAT
(227103)	2005 NX ₂₄	2005 07 04	691	Spacewatch	(227155)	2005 QD ₆	2005 08 24	644	NEAT
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(227105)	2005 NW ₂₈	2005 07 05	644	NEAT	(227157)	2005 QR ₁₀	2005 08 26	599	CINEOS
(227106)	2005 NL ₃₅	2005 07 05	691	Spacewatch	(227158)	2005 QW ₁₁	2005 08 22	E12	Siding Spring Survey
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(227108)	2005 NH ₃₆	2005 07 05	644	NEAT	(227160)	2005 QP ₁₃	2005 08 24	644	NEAT
(227109)	2005 ND ₄₃	2005 07 05	644	NEAT	(227161)	2005 QT ₁₃	2005 08 24	644	NEAT
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(227111)	2005 NH ₅₂	2005 07 10	703	CSS	(227163)	2005 QE ₁₈	2005 08 25	644	NEAT
(227112)	2005 NG ₅₄	2005 07 10	691	Spacewatch	(227164)	2005 QX ₂₃	2005 08 27	691	Spacewatch
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(227114)	2005 NP ₅₇	2005 07 05	G96	Mt. Lemmon Survey	(227166)	2005 QD ₃₆	2005 08 25	644	NEAT
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(227116)	2005 NM ₆₄	2005 07 01	691	Spacewatch	(227168)	2005 QL ₃₆	2005 08 25	644	NEAT
(227117)	2005 NU ₆₄	2005 07 01	691	Spacewatch	(227169)	2005 QB ₃₇	2005 08 25	644	NEAT
(227118)	2005 NL ₇₇	2005 07 10	691	Spacewatch	(227170)	2005 QQ ₃₈	2005 08 25	599	CINEOS
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(227121)	2005 NA ₁₂₂	2005 07 04	644	NEAT	(227173)	2005 QT ₄₁	2005 08 26	699	LONEOS
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(227128)	2005 OJ ₇	2005 07 28	644	NEAT	(227180)	2005 QU ₄₉	2005 08 26	644	NEAT
(227129)	2005 OE ₉	2005 07 26	644	NEAT	(227181)	2005 QU ₅₀	2005 08 26	644	NEAT

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(227211) 2005 QB ₁₅₆	2005 08 30	644	NEAT	(227263) 2005 SH ₁₁₃	2005 09 27	691	Spacewatch
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(227217) 2005 QR ₁₈₂	2005 08 31	691	Spacewatch	(227269) 2005 SJ ₁₂₅	2005 09 29	G96	Mt. Lemmon Survey
(227218) 2005 RU ₃	2005 09 05	461	Piszkéstető	(227270) 2005 SY ₁₂₇	2005 09 29	G96	Mt. Lemmon Survey
(227219) 2005 RZ ₄	2005 09 07	012	Pauwels, T.	(227271) 2005 SK ₁₂₈	2005 09 29	G96	Mt. Lemmon Survey
(227220) 2005 RQ ₇	2005 09 08	704	LINEAR	(227272) 2005 SU ₁₃₃	2005 09 29	691	Spacewatch
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(227287)	2005 SJ ₁₇₉	2005 09 29	699	LONEOS	(227339)	2005 UL ₂₇	2005 10 23	703	CSS
(227288)	2005 SS ₁₇₉	2005 09 29	699	LONEOS	(227340)	2005 UR ₅₀	2005 10 23	703	CSS
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(227290)	2005 SW ₁₈₉	2005 09 29	699	LONEOS	(227342)	2005 UX ₅₈	2005 10 24	691	Spacewatch
(227291)	2005 SX ₁₉₅	2005 09 30	691	Spacewatch	(227343)	2005 UC ₅₉	2005 10 24	691	Spacewatch
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(227293)	2005 SC ₂₀₈	2005 09 30	691	Spacewatch	(227345)	2005 UX ₆₆	2005 10 22	644	NEAT
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(227296)	2005 SY ₂₂₄	2005 09 29	691	Spacewatch	(227348)	2005 UB ₇₉	2005 10 25	703	CSS
(227297)	2005 SH ₂₃₂	2005 09 30	G96	Mt. Lemmon Survey	(227349)	2005 UQ ₈₀	2005 10 25	703	CSS
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(227309)	2005 TN ₂₀	2005 10 01	G96	Mt. Lemmon Survey	(227361)	2005 UV ₁₄₈	2005 10 26	691	Spacewatch
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(227312)	2005 TV ₃₁	2005 10 01	704	LINEAR	(227364)	2005 UU ₁₆₃	2005 10 24	691	Spacewatch
(227313)	2005 TE ₃₅	2005 10 01	691	Spacewatch	(227365)	2005 UK ₁₆₄	2005 10 24	691	Spacewatch
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(227316)	2005 TZ ₆₂	2005 10 04	G96	Mt. Lemmon Survey	(227368)	2005 UP ₁₇₂	2005 10 24	691	Spacewatch
(227317)	2005 TR ₆₈	2005 10 06	691	Spacewatch	(227369)	2005 US ₁₈₀	2005 10 24	691	Spacewatch
(227318)	2005 TX ₈₆	2005 10 05	691	Spacewatch	(227370)	2005 UV ₁₉₀	2005 10 27	G96	Mt. Lemmon Survey
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(227328)	2005 TJ ₁₇₀	2005 10 10	691	Spacewatch	(227380)	2005 UJ ₂₅₅	2005 10 24	691	Spacewatch
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(227333)	2005 UL ₂	2005 10 23	683	Tucker, R. A.	(227385)	2005 UA ₂₈₄	2005 10 26	691	Spacewatch
(227334)	2005 UJ ₃	2005 10 24	683	Tucker, R. A.	(227386)	2005 UJ ₂₉₇	2005 10 26	691	Spacewatch
(227335)	2005 UY ₃	2005 10 25	460	Clingan, R.	(227387)	2005 UQ ₂₉₈	2005 10 26	691	Spacewatch
(227336)	2005 UJ ₇	2005 10 27	H06	Guido, E.	(227388)	2005 UE ₃₀₁	2005 10 26	691	Spacewatch
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(227390)	2005 UQ ₃₁₁	2005 10 29	G96	Mt. Lemmon Survey	(227442)	2005 WN ₃₃	2005 11 21	691	Spacewatch
(227391)	2005 UW ₃₁₉	2005 10 27	691	Spacewatch	(227443)	2005 WW ₃₇	2005 11 22	691	Spacewatch
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(227393)	2005 UL ₃₄₅	2005 10 29	G96	Mt. Lemmon Survey	(227445)	2005 WR ₄₅	2005 11 22	691	Spacewatch
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(227396)	2005 UC ₃₇₄	2005 10 27	691	Spacewatch	(227448)	2005 WL ₅₃	2005 11 25	G96	Mt. Lemmon Survey
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(227399)	2005 UW ₃₉₄	2005 10 30	G96	Mt. Lemmon Survey	(227451)	2005 WA ₆₈	2005 11 22	691	Spacewatch
(227400)	2005 UK ₃₉₈	2005 10 30	G96	Mt. Lemmon Survey	(227452)	2005 WN ₇₃	2005 11 25	G96	Mt. Lemmon Survey
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(227402)	2005 UF ₄₁₁	2005 10 31	G96	Mt. Lemmon Survey	(227454)	2005 WJ ₉₉	2005 11 28	G96	Mt. Lemmon Survey
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(227409)	2005 UA ₄₅₁	2005 10 27	G96	Mt. Lemmon Survey	(227461)	2005 WF ₁₁₃	2005 11 25	703	CSS
(227410)	2005 UN ₄₅₇	2005 10 31	644	NEAT	(227462)	2005 WX ₁₁₅	2005 11 30	704	LINEAR
(227411)	2005 UR ₄₅₉	2005 10 27	G96	Mt. Lemmon Survey	(227463)	2005 WF ₁₁₇	2005 11 30	704	LINEAR
(227412)	2005 UG ₄₇₆	2005 10 23	703	CSS	(227464)	2005 WK ₁₂₀	2005 11 29	G96	Mt. Lemmon Survey
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(227417)	2005 UK ₅₁₃	2005 10 24	691	Spacewatch	(227469)	2005 WQ ₁₄₂	2005 11 29	G96	Mt. Lemmon Survey
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(227419)	2005 VQ ₄	2005 11 07	A13	Observatoire Naef	(227471)	2005 WO ₁₆₀	2005 11 28	691	Spacewatch
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(227421)	2005 VJ ₃₂	2005 11 04	691	Spacewatch	(227473)	2005 WO ₁₆₆	2005 11 29	G96	Mt. Lemmon Survey
(227422)	2005 VN ₃₄	2005 11 03	703	CSS	(227474)	2005 WZ ₁₆₇	2005 11 30	691	Spacewatch
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(227426)	2005 VB ₇₀	2005 11 01	G96	Mt. Lemmon Survey	(227478)	2005 WY ₁₈₈	2005 11 30	704	LINEAR
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(227432)	2005 VN ₁₁₅	2005 11 11	691	Spacewatch	(227484)	2005 XB ₃	2005 12 01	704	LINEAR
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(227515)	2005 YC ₃₄	2005 12 24	691	Spacewatch	(227567)	2005 YY ₂₀₀	2005 12 22	691	Spacewatch
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(227522)	2005 YD ₄₆	2005 12 25	691	Spacewatch	(227574)	2005 YR ₂₂₃	2005 12 24	691	Spacewatch
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(227532)	2005 YD ₇₆	2005 12 24	691	Spacewatch	(227584)	2006 AE ₄	2006 01 07	H06	Lowe, A.
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(227536)	2005 YB ₉₁	2005 12 26	G96	Mt. Lemmon Survey	(227588)	2006 AH ₁₈	2006 01 05	G96	Mt. Lemmon Survey
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(227612) 2006 AO ₉₆	2006 01 07	699	LONEOS	(227664) 2006 BZ ₂₀₁	2006 01 31	691	Spacewatch
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(228063) 2008 LU	2008 06 01	G96	Mt. Lemmon Survey	(228115) 2008 TK ₇₆	2008 10 02	G96	Mt. Lemmon Survey
(228064) 2008 LU ₇	2008 06 08	735	Dellinger, J.	(228116) 2008 TK ₈₂	2008 10 03	J75	La Sagra
(228065) 2008 LF ₁₁	2008 06 06	691	Spacewatch	(228117) 2008 TJ ₉₃	2008 10 05	J75	La Sagra

(228118)	2008 TZ ₁₁₁	2008 10 06	703	CSS
(228119)	2008 TM ₁₃₆	2008 10 08	691	Spacewatch
(228120)	2008 TV ₁₃₉	2008 10 08	G96	Mt. Lemmon Survey
(228121)	2008 TN ₁₇₅	2008 10 09	691	Spacewatch
(228122)	2008 UH ₁₁	2008 10 17	691	Spacewatch
(228123)	2008 UH ₄₅	2008 10 20	G96	Mt. Lemmon Survey
(228124)	2008 YC ₇	2008 12 23	493	Hormuth, F.
(228125)	2008 YV ₃₀	2008 12 31	703	CSS
(228126)	2009 ON ₁	2009 07 19	E12	Siding Spring Survey
(228127)	2009 PL	2009 08 11	A13	Kocher, P.
(228128)	2009 PN ₈	2009 08 15	703	CSS
(228129)	2009 PL ₁₂	2009 08 15	703	CSS
(228130)	2009 PE ₁₇	2009 08 15	703	CSS
(228131)	2009 QE ₁	2009 08 16	J75	La Sagra
(228132)	2009 QC ₁₃	2009 08 16	691	Spacewatch
(228133)	2009 QM ₂₂	2009 08 20	J75	La Sagra
(228134)	2009 QG ₄₃	2009 08 27	J75	La Sagra
(228135)	2009 RE ₄	2009 09 13	J04	ESA OGS
(228136)	2009 RF ₄	2009 09 13	J04	ESA OGS
(228137)	2009 RY ₃₂	2009 09 14	691	Spacewatch
(228138)	2009 RB ₃₃	2009 09 14	691	Spacewatch
(228139)	2009 RS ₃₃	2009 09 14	691	Spacewatch
(228140)	2009 RT ₃₃	2009 09 14	691	Spacewatch
(228141)	2009 RM ₃₇	2009 09 15	691	Spacewatch
(228142)	2009 RZ ₄₅	2009 09 15	691	Spacewatch
(228143)	2009 RE ₅₀	2009 09 15	691	Spacewatch
(228144)	2009 RP ₅₀	2009 09 15	691	Spacewatch
(228145)	2009 RU ₅₁	2009 09 15	691	Spacewatch
(228146)	2009 RX ₅₅	2009 09 15	691	Spacewatch
(228147)	2009 SB ₁₈	2009 09 21	J75	La Sagra
(228148)	2009 SH ₁₉	2009 09 22	B01	Karge, S., Zimmer, U.
(228149)	2009 ST ₂₈	2009 09 16	691	Spacewatch
(228150)	2009 SJ ₃₈	2009 09 16	691	Spacewatch
(228151)	2009 SU ₃₉	2009 09 16	691	Spacewatch
(228152)	2009 SL ₄₄	2009 09 16	691	Spacewatch
(228153)	2009 SV ₄₈	2009 09 16	691	Spacewatch
(228154)	2009 SZ ₄₈	2009 09 16	G96	Mt. Lemmon Survey
(228155)	2009 SF ₆₁	2009 09 17	691	Spacewatch
(228156)	2009 SG ₆₉	2009 09 17	691	Spacewatch
(228157)	2009 SF ₈₈	2009 09 18	691	Spacewatch
(228158)	2009 SZ ₉₆	2009 09 19	D29	PMO Neo Survey Program
(228159)	2009 SQ ₁₁₄	2009 09 18	691	Spacewatch
(228160)	2009 SD ₁₃₈	2009 09 18	691	Spacewatch
(228161)	2009 SF ₁₃₈	2009 09 18	691	Spacewatch
(228162)	2009 SO ₁₄₁	2009 09 19	691	Spacewatch
(228163)	2009 SN ₁₄₃	2009 09 19	691	Spacewatch
(228164)	2009 SY ₁₆₆	2009 09 22	291	Spacewatch
(228165)	2009 SJ ₁₇₀	2009 09 26	H10	Tzec Maun
(228166)	2009 ST ₁₇₀	2009 09 23	G96	Mt. Lemmon Survey
(228167)	2009 SQ ₁₈₆	2009 09 21	691	Spacewatch
(228168)	2009 SZ ₁₈₈	2009 09 21	122	Pises
(228169)	2009 SP ₂₀₄	2009 09 22	691	Spacewatch

(228170)	2009 SS ₂₀₅	2009 09 22	691	Spacewatch
(228171)	2009 SG ₂₁₁	2009 09 23	691	Spacewatch
(228172)	2009 SK ₂₁₂	2009 09 23	691	Spacewatch
(228173)	2009 SV ₂₃₂	2009 09 19	703	CSS
(228174)	2009 SG ₂₃₃	2009 09 19	703	CSS
(228175)	2009 SC ₂₃₄	2009 09 23	G96	Mt. Lemmon Survey
(228176)	2009 SP ₂₆₃	2009 09 23	G96	Mt. Lemmon Survey
(228177)	2009 SK ₂₇₅	2009 09 25	691	Spacewatch
(228178)	2009 SA ₂₈₅	2009 09 25	G96	Mt. Lemmon Survey
(228179)	2009 TF ₄	2009 10 13	H06	Lowe, A.
(228180)	2009 TE ₅	2009 10 11	J75	La Sagra
(228181)	2009 TF ₉	2009 10 12	J75	La Sagra
(228182)	2009 TQ ₁₆	2009 10 11	G96	Mt. Lemmon Survey
(228183)	2009 TQ ₂₀	2009 10 11	J75	La Sagra
(228184)	2009 TR ₂₀	2009 10 11	J75	La Sagra
(228185)	2009 TD ₂₇	2009 10 14	J75	La Sagra
(228186)	2009 TP ₃₁	2009 10 15	J75	La Sagra
(228187)	2009 TQ ₃₅	2009 10 14	J75	La Sagra
(228188)	2009 UA ₂₁	2009 10 22	300	BATTeRS
(228189)	2009 UT ₃₆	2009 10 22	G96	Mt. Lemmon Survey
(228190)	2009 UY ₃₈	2009 10 22	G96	Mt. Lemmon Survey
(228191)	2009 UX ₇₂	2009 10 23	691	Spacewatch
(228192)	2009 UM ₈₂	2009 10 23	G96	Mt. Lemmon Survey
(228193)	2693 P-L	1960 09 24	675	van Houten & Gehrels
(228194)	3046 P-L	1960 09 24	675	van Houten & Gehrels
(228195)	6675 P-L	1960 09 24	675	van Houten & Gehrels
(228196)	7574 P-L	1960 10 17	675	van Houten & Gehrels
(228197)	2149 T-3	1977 10 16	675	van Houten & Gehrels
(228198)	3200 T-3	1977 10 16	675	van Houten & Gehrels
(228199)	3765 T-3	1977 10 16	675	van Houten & Gehrels
(228200)	4088 T-3	1977 10 16	675	van Houten & Gehrels
(228201)	4106 T-3	1977 10 16	675	van Houten & Gehrels
(228202)	5058 T-3	1977 10 16	675	van Houten & Gehrels
(228203)	5772 T-3	1977 10 16	675	van Houten & Gehrels

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (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>
(225277)	15.8	94.08561	332.35042	358.62734	5.67799	0.0697640	2.8584627164423	
(225278)	16.1	228.83147	313.31331	266.19775	6.12976	0.1803528	2.6417917164423	
(225279)	16.2	97.55592	105.03696	207.22907	8.32693	0.2019939	2.7053943164423	
(225280)	17.0	179.60044	169.46562	60.72188	5.71528	0.1875704	2.3748524164424	
(225281)	17.0	304.87247	84.05185	41.62157	3.12996	0.1281908	2.3339354164424	
(225282)	16.2	32.72507	161.47732	191.09219	1.48121	0.2785027	3.0418277164424	
(225283)	15.7	295.19573	110.90146	17.98269	8.47615	0.0361202	2.6566731164425	
(225284)	16.4	349.03506	234.01390	220.46267	12.40183	0.1308486	2.6482719164425	
(225285)	16.7	214.10349	143.07060	59.14667	6.94043	0.1144517	2.6947759164425	
(225286)	17.0	47.87580	134.53632	189.61968	2.37875	0.2344360	2.4050329164425	
(225287)	17.9	28.08049	51.73611	328.98124	2.48015	0.2084688	2.3980234164426	
(225288)	16.4	78.69578	143.05121	175.22016	5.49406	0.1718841	2.8552351164426	
(225289)	17.0	81.03764	327.87689	14.39885	1.55371	0.1963087	2.3714195164426	
(225290)	16.6	336.60756	18.78376	98.25546	8.53118	0.2103045	2.4053247164427	

(225291)	17.0	213.73773	198.84954	2.27850	4.59785	0.0306724	2.5314614164427	(225343)	15.2	69.40848	350.05401	348.22869	10.34892	0.1326175	3.0388025164442
(225292)	16.4	287.83579	128.36375	16.36742	3.74902	0.1074490	3.0728863164427	(225344)	16.8	24.88274	165.75560	221.68207	5.81221	0.1986315	2.3618619164442
(225293)	16.7	122.16583	231.33837	27.74183	12.47147	0.1771655	2.6149965164427	(225345)	17.2	57.10906	112.59183	225.45513	1.53154	0.2448402	2.3606457164442
(225294)	13.2	73.28405	78.50196	259.19650	6.64552	0.0529097	5.1296183164428	(225346)	14.7	0.86735	198.45740	195.66146	13.09535	0.0724971	3.0812341164443
(225295)	16.6	35.36716	25.27934	352.52856	2.92669	0.2034894	2.7468138164428	(225347)	16.8	74.56194	59.28347	330.71950	2.92212	0.2423232	2.3006033164443
(225296)	13.6	4.29264	241.95750	176.83679	9.62312	0.0538463	5.2890334164428	(225348)	14.9	9.16318	271.04090	128.32704	6.79678	0.1786380	3.1075587164443
(225297)	16.6	271.21120	298.08380	204.02289	22.95414	0.2285207	2.3226854164428	(225349)	17.7	64.30709	293.18815	36.61552	5.56135	0.1268093	2.3863269164444
(225298)	16.3	21.46736	227.78914	179.40115	4.35357	0.0669513	2.7776013164429	(225350)	15.8	72.38885	125.00916	205.26128	2.12265	0.1060195	3.0970583164444
(225299)	16.8	46.19901	19.49954	346.27449	4.62210	0.1435474	2.7519038164429	(225351)	15.2	87.86631	305.74729	25.54943	9.63077	0.0876374	3.0528585164444
(225300)	17.6	297.77449	241.04957	209.20492	3.49799	0.0681972	2.3220358164429	(225352)	15.2	27.63945	14.75872	27.87677	13.16678	0.1606958	3.0591734164444
(225301)	16.2	71.89326	291.36461	64.50122	3.51210	0.0857281	2.7766720164429	(225353)	15.4	5.98173	19.94225	69.54592	3.81700	0.3718225	3.0514837164445
(225302)	16.7	319.68541	69.72377	31.51461	8.10017	0.1947964	2.7951869164430	(225354)	16.1	61.21107	329.35510	38.75879	10.90680	0.2370918	2.3458387164445
(225303)	16.7	350.80801	45.22486	74.25514	6.27365	0.1294415	2.2637215164430	(225355)	15.5	24.17544	352.43158	68.94984	2.59128	0.2900965	3.0495589164446
(225304)	16.7	20.88010	349.96672	62.72611	7.00492	0.0871522	2.2999603164430	(225356)	16.8	82.34653	103.56319	229.84884	4.87037	0.2146620	2.3582240164446
(225305)	17.6	43.35237	260.01983	128.25794	3.28053	0.2132861	2.2944464164431	(225357)	17.0	50.15812	136.62433	229.44882	6.34073	0.2475978	2.3664693164446
(225306)	16.0	73.59973	246.67464	127.87122	3.01190	0.0496021	2.8956996164431	(225358)	16.9	35.57018	344.40240	47.61029	5.80419	0.1496696	2.3596360164447
(225307)	15.2	99.58908	267.10338	37.19780	9.90846	0.0860414	3.0895732164431	(225359)	13.7	300.70445	69.10220	23.04412	7.43123	0.0829263	5.1242058164447
(225308)	17.0	255.82773	90.65167	75.47513	2.94449	0.1520827	2.4193389164431	(225360)	17.7	9.75074	26.36597	36.56980	1.78591	0.1711229	2.3644525164447
(225309)	15.0	117.55862	265.84377	37.98312	18.01640	0.0989469	3.0864426164432	(225361)	17.2	354.45667	192.17441	208.59139	3.13508	0.1873952	2.4207450164447
(225310)	16.5	314.40218	66.58729	34.78476	8.87000	0.1483096	2.6791575164432	(225362)	16.7	351.56531	209.99908	248.24216	2.59657	0.0831298	2.3577699164447
(225311)	16.4	227.61026	145.81839	52.03329	11.58783	0.1072550	2.6596270164432	(225363)	15.3	149.36337	38.87539	220.05696	8.65760	0.0545229	3.1619027164448
(225312)	22.0	227.16977	57.53455	179.55896	2.46547	0.0579658	1.1888282164432	(225364)	16.6	125.19981	185.30490	109.94759	4.64898	0.0843154	2.4650453164448
(225313)	17.7	5.50771	292.49395	128.27164	3.55118	0.1453919	2.2342386164433	(225365)	15.5	293.47525	267.45254	281.12703	2.56581	0.2693318	3.2354778164448
(225314)	17.8	246.48165	180.68244	351.47077	2.04623	0.1690537	2.2987044164433	(225366)	15.1	10.25076	310.57066	144.64909	11.54763	0.2971924	3.1450294164449
(225315)	16.7	232.33053	71.79668	115.61243	9.68794	0.0640231	2.3448987164433	(225367)	17.3	291.61121	24.58265	128.65332	2.02842	0.1364547	2.4514224164449
(225316)	16.5	149.67862	39.59252	220.52831	7.98592	0.1979014	2.9784254164433	(225368)	17.2	26.10425	144.45612	272.62531	0.99810	0.1507406	2.4079801164449
(225317)	17.1	71.09128	4.02365	338.50104	1.81097	0.2269486	2.4609014164434	(225369)	15.9	315.01873	198.40312	17.01271	11.78410	0.1439676	3.1713631164450
(225318)	13.3	281.31648	94.12130	29.23455	20.90984	0.0849523	5.2925988164434	(225370)	17.3	246.85617	348.91250	193.79541	4.43988	0.0848185	2.5428712164450
(225319)	14.2	17.14943	104.17105	288.49711	1.43624	0.0907453	5.1556452164434	(225371)	16.7	68.28999	279.06924	40.23229	8.95370	0.2958623	2.7217849164450
(225320)	15.3	127.23204	340.09807	42.26906	9.58772	0.0910691	3.0245216164434	(225372)	15.3	127.57583	69.59868	216.29701	10.88687	0.1832073	2.6583556164450
(225321)	15.4	69.36690	303.28301	62.13743	15.14032	0.2133818	2.4783838164435	(225373)	16.1	335.07466	65.12152	110.37099	22.67287	0.2480656	2.4222478164451
(225322)	15.9	358.28063	304.94555	118.87245	16.86642	0.0951466	2.5873207164435	(225374)	16.8	57.95316	61.75143	300.93177	1.17754	0.2115648	2.1798257164451
(225323)	16.1	199.43388	20.02602	198.59762	9.65918	0.1614328	2.7198941164435	(225375)	15.5	78.36635	117.00156	203.25051	14.24905	0.1605328	2.8477309164451
(225324)	16.2	291.74567	231.29147	305.03858	3.97721	0.2120321	2.6106343164436	(225376)	16.9	78.10566	24.23193	313.40130	4.44638	0.1266445	2.1851742164452
(225325)	16.6	300.14353	89.34220	78.10816	5.46085	0.1822419	2.6253173164436	(225377)	16.2	306.27063	313.50546	172.49652	4.07797	0.0512800	2.7893098164452
(225326)	16.0	168.15015	24.30960	230.35844	7.24527	0.2268651	2.7705149164437	(225378)	16.6	74.18300	75.51663	273.19828	5.08851	0.1620545	2.1867383164452
(225327)	15.1	251.76405	145.11368	61.74493	17.46565	0.1942395	2.6776192164437	(225379)	15.9	104.08465	282.24111	35.19170	5.25582	0.1081464	2.8690047164453
(225328)	17.6	42.81011	71.02476	298.06974	5.27001	0.1649881	2.3155407164437	(225380)	16.4	27.29248	185.79886	201.20849	2.04640	0.0613253	2.8336477164453
(225329)	16.4	87.60390	71.15464	291.82759	5.34627	0.2027022	2.2865633164437	(225381)	17.6	77.13626	296.46758	36.54944	2.57897	0.2272936	2.1947420164453
(225330)	16.6	53.71209	7.06166	343.52539	4.98549	0.2512545	2.3456063164438	(225382)	15.8	9.87372	222.10398	195.03942	14.64216	0.2892037	2.8706087164453
(225331)	17.1	103.38389	41.92051	265.51055	5.28363	0.2241273	2.3118888164438	(225383)	15.8	53.63793	281.31837	98.51806	3.22085	0.0990270	2.8379937164454
(225332)	16.7	116.90767	61.86323	242.33719	4.75570	0.1797822	2.2958598164438	(225384)	17.7	79.92853	175.02491	49.62985	5.78987	0.1965651	2.2125147164454
(225333)	16.1	70.35813	232.25937	85.03628	23.33510	0.3671900	2.3402008164439	(225385)	15.8	19.49967	172.71878	274.86671	3.32628	0.0774933	2.7790747164454
(225334)	17.1	82.23672	146.49355	189.09473	6.42435	0.1341837	2.3248679164439	(225386)	17.1	2.24297	32.42975	25.60811	8.23073	0.1666686	2.2386717164455
(225335)	16.8	63.23027	155.20132	201.77802	5.09254	0.1495433	2.3285420164439	(225387)	16.0	164.15314	176.12592	76.09415	3.16665	0.0145999	2.8614892164455
(225336)	15.4	15.87681	57.01070	338.34255	9.79980	0.1248842	3.0496599164440	(225388)	16.4	78.38841	315.01128	57.01770	3.79110	0.1550484	2.1678531164455
(225337)	16.4	35.02641	13.63369	19.29948	6.24536	0.1363447	2.3341005164440	(225389)	17.5	38.36966	188.41186	218.46193	2.37182	0.1099578	2.1923162164456
(225338)	16.1	22.79437	242.08843	165.62273	2.43934	0.1461964	2.9764079164440	(225390)	16.7	343.04610	63.93347	39.36611	4.68974	0.0660313	2.8068542164456
(225339)	15.3	21.28897	214.69325	196.59162	3.27533	0.2309621	3.0632253164440	(225391)	16.8	143.53108	246.78975	48.18047	5.59035	0.1309005	2.7796300164456
(225340)	17.4	100.45852	259.18815	37.38520	4.87525	0.2302650	2.3445335164441	(225392)	16.7	7.89064	208.65382	214.37241	1.28991	0.0515224	2.8668385164456
(225341)	17.8	65.40522	12.07673	337.97449	2.42101	0.2332920	2.3237142164441	(225393)	16.2	134.09079	78.72021	188.39516	10.30959	0.2247541	2.7938776164457
(225342)	16.3	118.57789	90.38475	219.71999	5.98920	0.1337048	2.3067098164441	(225394)	16.6	18.46059	347.94530	46.92755	2.71740	0.0993853	2.8770293164457

(225395) 15.4 48.06736 322.52318 82.24688 8.79424 0.1509923 2.8527320164457
 (225396) 17.8 73.87118 312.38339 59.52565 1.38496 0.1522003 2.1817223164457
 (225397) 15.8 52.73767 117.05364 296.46765 4.06109 0.1500967 2.8031928164458
 (225398) 17.3 45.54976 295.23964 59.63166 6.34833 0.2030114 2.2437120164458
 (225399) 16.2 324.40703 65.01979 29.90004 7.42146 0.1811460 2.9308818164458
 (225400) 16.5 59.72205 97.56748 222.42210 9.19123 0.0440645 3.0451452164458
 (225401) 16.3 93.97607 58.98190 230.56227 3.54976 0.1165199 2.9509839164459
 (225402) 16.3 343.77279 35.01475 37.27026 6.40078 0.0408566 2.8777486164459
 (225403) 16.4 59.80526 280.63529 97.95847 3.01255 0.0300066 2.8803331164459
 (225404) 16.5 71.91354 74.23048 277.71720 3.80434 0.1615979 2.2278269164459
 (225405) 16.7 356.75550 350.81142 81.76231 7.47828 0.1461848 2.2278529164460
 (225406) 17.3 251.70060 307.80854 228.26416 5.24246 0.0888431 2.2313693164460
 (225407) 16.4 242.15335 88.05429 88.86275 1.64313 0.0254695 2.9252052164460
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(225499)	16.7	293.27437	121.47084	82.86450	25.37446	0.1216378	1.8865469164492	(225551)	16.0	13.08870	27.17803	331.47555	8.41801	0.1685929	2.7758472164508
(225500)	15.3	105.25118	71.07850	249.06004	11.41617	0.1765008	2.5394938164492	(225552)	16.4	3.06220	42.26173	320.69136	7.02385	0.2418381	2.7749179164508
(225501)	16.3	89.63093	217.91504	98.30749	3.52429	0.1824998	2.5974708164492	(225553)	15.7	36.95212	67.24230	298.25755	6.91105	0.1142765	2.6914899164509
(225502)	16.0	114.81546	23.52138	276.94207	7.33039	0.1861283	2.5628264164493	(225554)	15.3	94.85175	85.68538	221.66577	11.64026	0.1701505	2.6711872164509
(225503)	15.8	89.09551	200.02327	115.89721	8.48630	0.1978085	2.6118603164493	(225555)	16.0	102.75462	66.70491	271.04397	9.96449	0.3072268	2.5656261164509
(225504)	16.3	90.25987	21.28815	306.00716	1.82640	0.2389488	2.5873321164493	(225556)	15.3	80.06420	90.32410	262.53090	12.75813	0.2392036	2.6014778164510
(225505)	16.0	88.41021	26.75230	298.26392	3.61855	0.1875154	2.5986973164494	(225557)	16.4	14.48491	320.99716	72.77903	4.54292	0.1816965	2.6860920164510
(225506)	15.5	50.15516	216.42885	139.84847	12.32485	0.1776203	2.6355142164494	(225558)	15.7	54.12092	290.58927	79.02160	15.78853	0.1525513	2.6594691164510
(225507)	16.2	118.64413	20.78241	305.13061	4.75987	0.0919432	2.5384603164494	(225559)	15.9	36.75124	316.16708	53.24548	13.76617	0.2082389	2.6757859164511
(225508)	16.1	72.78416	117.57135	203.97748	5.32612	0.1747716	2.6402231164494	(225560)	16.2	38.40352	305.74949	79.28941	3.86587	0.1705013	2.6427996164511
(225509)	15.5	47.06924	205.54854	150.68191	13.46075	0.1867725	2.6718729164495	(225561)	16.1	31.39971	174.04120	234.63925	4.39867	0.1312338	2.6504477164511
(225510)	16.1	142.96809	237.68700	26.88766	5.23273	0.2998233	2.5623211164495	(225562)	16.2	54.65453	346.07573	14.87970	12.28744	0.1936008	2.6895447164512
(225511)	16.0	50.58966	205.44819	146.42655	13.42190	0.3027622	2.6598911164495	(225563)	16.2	25.20381	228.80905	177.25086	7.70225	0.2468734	2.6870678164512
(225512)	15.6	87.24905	116.16152	190.53446	11.35666	0.2729091	2.6428059164496	(225564)	16.2	3.31557	13.10847	14.30370	6.36495	0.0407995	2.7349223164512
(225513)	15.7	46.00125	27.94867	328.10758	11.29440	0.2087276	2.6360967164496	(225565)	16.1	49.96295	244.92829	118.49926	7.48306	0.2178690	2.6818213164513
(225514)	16.1	91.83199	310.32269	10.71392	5.18971	0.2104323	2.6254521164496	(225566)	16.0	59.85341	130.24490	208.80121	8.33261	0.1222833	2.7174145164513
(225515)	16.2	118.62485	86.13429	228.30559	5.87490	0.1191327	2.5566651164497	(225567)	15.7	56.02241	317.83132	46.68509	12.23092	0.2087469	2.6431507164513
(225516)	16.2	29.49611	80.85490	286.37527	7.81647	0.1442044	2.6686373164497	(225568)	15.4	305.15446	124.02665	16.59621	13.62438	0.2046797	2.6663616164514
(225517)	16.5	50.56495	115.06883	274.13366	3.69293	0.3348918	2.6254992164497	(225569)	15.9	46.84391	294.45648	76.19610	13.88182	0.2756939	2.6766086164514
(225518)	16.3	101.03300	296.20300	12.67496	4.14461	0.2610280	2.6068513164497	(225570)	15.2	119.93388	64.45663	242.28829	14.49919	0.1676878	2.6206421164515
(225519)	16.3	60.44612	79.82084	309.51916	3.15365	0.1958949	2.5733443164498	(225571)	16.0	24.13317	11.39788	29.75866	15.03539	0.1058242	2.6944633164515
(225520)	16.1	44.77824	285.72222	66.85312	2.01786	0.2268307	2.6523355164498	(225572)	16.4	6.83301	313.85126	91.10550	2.13846	0.1490907	2.7223003164515
(225521)	16.7	69.80170	222.34508	121.69160	4.61595	0.1892074	2.6127171164498	(225573)	16.0	359.75915	164.27676	219.72151	12.88802	0.1923556	2.7791413164515
(225522)	15.4	88.95132	92.79768	215.40116	8.87133	0.1593946	2.6430801164498	(225574)	15.6	354.29953	14.88500	4.44266	9.19743	0.1486770	2.8001483164516
(225523)	15.6	69.85512	45.40904	300.27114	7.53168	0.1100743	2.6294142164499	(225575)	15.5	354.64861	199.81075	228.79425	13.70947	0.0784369	2.6957558164516
(225524)	15.8	7.18544	165.51065	243.66859	7.75348	0.2323701	2.6852042164499	(225576)	16.1	9.66241	32.11380	47.19572	8.03401	0.2008361	2.6922813164516
(225525)	15.7	47.22061	126.11374	256.73627	6.40931	0.1912334	2.6322340164500	(225577)	15.2	329.90525	205.38847	249.98521	11.74124	0.1188242	2.7437710164517
(225526)	16.8	39.13994	136.78135	205.81093	4.45915	0.2157756	2.7009606164500	(225578)	15.2	32.41549	113.03492	281.92977	7.52327	0.1379510	2.7195238164517
(225527)	16.0	68.42262	115.30181	228.20807	9.01964	0.2468829	2.6345559164500	(225579)	15.8	358.52002	8.61405	34.38079	14.88725	0.2105214	2.7834026164517
(225528)	16.0	28.36583	161.28128	287.41228	4.01595	0.0522127	2.5179531164501	(225580)	16.0	339.74920	241.27965	221.92098	11.33158	0.0763488	2.6679031164518
(225529)	15.4	93.62260	94.61908	230.41233	17.20878	0.1961779	2.6052832164501	(225581)	15.8	341.85635	126.98079	333.86963	4.48056	0.1297375	2.7011948164518
(225530)	15.1	43.33621	161.38790	245.20606	12.41294	0.2865755	2.6083451164501	(225582)	15.9	358.27022	164.79732	268.00950	7.19223	0.1144294	2.7170839164518
(225531)	15.4	59.98783	89.96448	290.24357	27.83882	0.3102278	2.6242489164502	(225583)	15.7	333.71882	12.25484	93.37758	14.84415	0.1008247	2.7329909164519
(225532)	15.2	97.63327	29.83797	270.18898	12.11281	0.1213721	2.6263536164502	(225584)	15.7	41.15519	319.94188	97.50802	15.56608	0.1959036	2.6795403164519
(225533)	15.4	21.14555	149.42076	261.68714	11.61479	0.1482497	2.6735595164502	(225585)	15.9	29.01184	326.65046	73.35494	14.52456	0.0903020	2.7180576164519
(225534)	15.8	86.47929	129.37215	187.71419	14.43461	0.2052563	2.6117645164503	(225586)	18.4	134.86891	198.29807	73.82551	20.65550	0.7071286	1.2986531164520
(225535)	15.9	36.11029	321.01930	27.09730	8.58222	0.1634456	2.7284422164503	(225587)	16.3	1.66935	47.31718	0.32080	4.39321	0.1833273	2.7675700164520
(225536)	16.1	51.18607	209.22953	157.26819	4.88120	0.1809265	2.6618736164503	(225588)	16.3	30.18688	100.34585	293.88633	2.51323	0.1044777	2.7350024164520
(225537)	15.8	65.46887	162.65699	182.78815	6.03890	0.1935106	2.6555778164504	(225589)	15.8	31.84131	331.70293	68.90726	6.17194	0.0771355	2.7275438164521
(225538)	15.8	122.69774	102.70131	181.03544	11.36154	0.1857666	2.6345564164504	(225590)	15.3	350.88799	166.71602	261.69684	7.06140	0.2012429	2.7768400164521
(225539)	15.6	47.96416	139.97659	245.93209	13.34141	0.0941406	2.5962917164504	(225591)	15.2	44.47023	253.57464	116.70446	13.56316	0.1529539	2.7486407164522
(225540)	16.5	45.11233	131.49949	287.84653	3.32817	0.1844903	2.5849447164505	(225592)	14.6	79.40560	261.33601	78.22902	25.12246	0.2831929	2.7428203164522
(225541)	16.6	105.22521	320.08755	359.54610	4.28141	0.1969434	2.6092992164505	(225593)	16.0	37.04982	25.65947	354.88699	6.91885	0.3079298	2.7045779164522
(225542)	15.7	71.07236	313.71721	33.92595	13.69844	0.1817467	2.6726005164505	(225594)	15.7	289.71197	248.37036	263.11097	6.34342	0.2507136	2.7577473164522
(225543)	15.4	35.04871	151.54676	249.26099	9.91012	0.1592232	2.6231193164506	(225595)	15.6	306.90894	209.84097	294.09668	8.94990	0.2794979	2.7431223164523
(225544)	15.3	19.31144	171.24277	235.46573	15.20999	0.1084157	2.6858425164506	(225596)	16.0	28.62850	85.58763	301.83694	8.54759	0.2035397	2.7333859164523
(225545)	15.9	68.93192	130.73494	222.14004	12.09214	0.1751115	2.6901528164506	(225597)	15.4	46.90500	136.82023	261.85934	24.54757	0.2795982	2.6508278164524
(225546)	15.7	78.86309	64.59360	273.30487	11.70281	0.2134270	2.6371536164507	(225598)	15.5	14.05779	15.38003	49.31127	14.93221	0.1912959	2.7203841164524
(225547)	16.0	118.56455	17.22281	276.73406	4.29812	0.2529642	2.6279516164507	(225599)	15.7	28.36458	88.40642	303.00169	12.77906	0.2061812	2.7476203164524
(225548)	15.9	329.80484	47.42192	14.70245	6.17082	0.0158354	2.6994260164507	(225600)	15.5	269.37356	285.38783	250.48737	7.73735	0.1747613	2.7302942164524
(225549)	16.3	76.70435	157.64253	160.47202	2.42585	0.2045314	2.6710057164508	(225601)	15.4	27.73930	337.80238	104.64307	7.86707	0.2653656	2.6788170164525
(225550)	16.2	11.11316	84.88099	338.63781	10.67874	0.2793056	2.6875619164508	(225602)	15.6	358.32264	18.95762	113.77471	7.65388	0.1033168	2.6698695164525

(225603)	15.4	7.59725	335.43287	93.60166	6.35235	0.2932606	2.7464951164525	(225655)	16.5	199.62882	12.66811	212.25669	5.16399	0.1582536	2.2648933164543
(225604)	15.3	47.58383	319.84859	99.37195	9.31594	0.0692350	2.6976283164526	(225656)	14.5	197.22321	176.76652	44.05513	19.33737	0.1319158	3.1667626164543
(225605)	15.5	7.75458	137.05004	279.47059	8.08467	0.1568779	2.7908430164526	(225657)	17.8	134.41356	133.18245	141.10548	5.54573	0.2252339	2.3255386164543
(225606)	15.5	26.03932	277.32169	122.06578	7.93930	0.1889353	2.7879229164526	(225658)	16.4	163.29600	101.48644	155.20352	6.60279	0.0828765	2.2921618164543
(225607)	15.9	17.74676	299.94703	115.35716	14.33251	0.1921693	2.7799253164527	(225659)	16.1	155.80101	241.30067	32.57074	5.39443	0.1437930	2.2769725164544
(225608)	15.8	345.41565	153.39461	300.15633	7.51230	0.1638045	2.7943201164527	(225660)	14.7	194.45061	1.89880	222.39446	19.05481	0.0555702	3.1806975164544
(225609)	15.4	346.74539	348.45456	110.94693	8.86626	0.2180380	2.7751423164527	(225661)	17.2	222.46003	134.71615	76.84402	6.91069	0.0875343	2.2391677164544
(225610)	15.4	359.24722	173.77705	267.72507	12.39348	0.1262851	2.7369296164528	(225662)	14.4	293.65641	254.37533	234.62582	14.89165	0.0222180	3.1570779164545
(225611)	15.4	43.29146	112.53279	271.29993	7.57726	0.1820994	2.7399180164528	(225663)	15.9	166.07840	8.95031	251.23232	5.26549	0.1736371	2.3136157164545
(225612)	15.0	8.27627	349.39707	112.05689	9.57656	0.2300620	2.6931048164529	(225664)	16.0	121.43096	66.44607	241.79453	7.31801	0.1343817	2.3429612164545
(225613)	15.6	49.98015	301.44125	81.85969	4.78425	0.2711302	2.7248662164529	(225665)	16.4	71.96705	9.92908	336.12356	6.25752	0.1312044	2.3835943164546
(225614)	15.2	70.42733	289.59113	73.41790	17.32127	0.2219853	2.6460686164529	(225666)	17.3	76.76983	316.56423	12.27803	2.41042	0.1800714	2.4074425164546
(225615)	15.7	3.89520	17.27381	95.66941	15.24426	0.225188	2.6612904164530	(225667)	16.6	48.27209	342.48459	14.69615	6.66445	0.1805534	2.4185239164547
(225616)	15.7	339.62319	117.96462	333.35726	7.30110	0.1965784	2.8018148164530	(225668)	16.9	18.50610	136.05071	199.68132	6.22677	0.3453395	2.5495363164547
(225617)	14.9	283.16390	114.67768	108.24440	14.26565	0.2721976	2.6982564164531	(225669)	16.4	98.55944	290.39647	25.17035	4.77271	0.2138576	2.3919027164547
(225618)	13.9	219.30878	154.45109	56.04747	11.95477	0.3374127	2.9137196164531	(225670)	17.1	81.18488	275.49908	37.66273	5.16013	0.1892835	2.4247621164548
(225619)	15.2	358.00952	103.29080	318.30961	6.07440	0.1158720	2.8161982164531	(225671)	16.2	63.02225	268.88851	94.61273	8.89380	0.2163560	2.4038267164548
(225620)	15.4	337.81586	62.47694	88.73966	15.96694	0.1306722	2.6845039164532	(225672)	16.2	88.24359	107.66366	234.35881	5.49363	0.1667689	2.3982415164549
(225621)	15.3	0.61104	146.16087	333.36300	12.91384	0.1477113	2.7399544164532	(225673)	16.4	66.85025	289.93617	62.69047	7.37580	0.1379374	2.4106640164549
(225622)	15.2	21.63937	0.03306	89.29771	15.92032	0.1511232	2.7181531164532	(225674)	17.2	42.19420	217.42827	139.29924	3.09391	0.2177699	2.4654300164549
(225623)	12.2	314.85632	343.95431	104.94038	22.28103	0.0831843	5.1624983164533	(225675)	15.8	164.53227	244.68338	5.59006	8.22290	0.2239017	2.3555291164550
(225624)	13.2	186.34496	247.63108	330.43062	4.66348	0.0044770	5.2334468164533	(225676)	17.0	37.74042	350.17944	8.90639	3.71395	0.2106466	2.4541916164551
(225625)	16.3	316.05910	331.44059	135.09919	2.75338	0.0921257	2.8612400164533	(225677)	16.9	84.40762	45.35024	276.06435	4.11506	0.2334738	2.4201444164551
(225626)	16.0	3.46071	294.14347	116.79063	3.19517	0.0608273	2.8654701164533	(225678)	16.3	106.51973	226.55481	84.36535	7.98432	0.1378181	2.3960420164551
(225627)	15.2	333.04541	226.28670	253.59919	10.15546	0.1641027	2.7852709164534	(225679)	16.7	189.25700	257.07201	348.40936	5.32194	0.2411065	2.3148897164552
(225628)	14.8	282.49177	113.51276	124.80617	26.81786	0.2246201	2.7107596164534	(225680)	17.4	76.39290	180.55043	144.75944	2.96974	0.2357389	2.4235073164552
(225629)	15.5	332.72062	83.91546	95.27511	10.38460	0.2214099	2.7212475164534	(225681)	17.2	61.34342	336.17031	349.39526	4.08815	0.2643530	2.4663255164552
(225630)	16.9	34.30958	51.36780	347.19248	1.48434	0.1113759	2.8512920164535	(225682)	17.3	48.25546	1.79583	2.77791	2.41492	0.2244078	2.4377212164553
(225631)	16.4	242.61418	72.11683	118.62260	7.02145	0.1325959	2.2096596164535	(225683)	16.4	92.43065	342.41181	328.80458	4.54369	0.1828023	2.4222254164553
(225632)	12.4	334.57205	92.33105	350.51640	9.57728	0.0957848	5.2111913164535	(225684)	16.6	31.53264	56.43621	8.61133	3.61867	0.2254533	2.4020211164554
(225633)	15.3	273.42910	330.24219	190.52867	6.84577	0.1157084	2.9789882164536	(225685)	16.9	58.56632	9.38409	333.29865	1.81348	0.2423691	2.4375567164554
(225634)	17.3	235.60096	207.71237	351.59240	3.43406	0.0961227	2.1990543164536	(225686)	16.9	152.50706	269.77760	356.68042	3.53861	0.2332473	2.3556281164555
(225635)	14.6	314.85403	95.71530	17.49074	12.34289	0.0744665	3.0012571164537	(225687)	16.4	100.64399	81.65900	210.56845	14.78675	0.2376494	2.4248531164555
(225636)	14.5	225.26649	154.80775	353.15234	28.56232	0.1397935	3.1238744164537	(225688)	17.4	110.07243	332.11168	316.31429	1.22174	0.1976311	2.4140423164555
(225637)	14.9	272.87274	89.51976	157.81423	10.84438	0.2153817	2.7863122164537	(225689)	16.0	64.10160	10.85754	329.46124	14.71953	0.2064546	2.4645194164556
(225638)	15.1	286.68951	98.30688	59.63423	8.33355	0.1068093	2.9680108164538	(225690)	15.6	39.12784	297.23105	90.40001	2.86978	0.1729170	2.4369123164556
(225639)	17.1	183.99358	158.71522	72.77701	4.36824	0.1951915	2.2617622164538	(225691)	16.9	54.31472	225.36828	118.52192	3.56353	0.2438119	2.4528293164557
(225640)	16.1	48.98518	11.95958	43.43159	2.54880	0.0652163	2.8651903164538	(225692)	17.2	102.73222	355.51809	303.63764	0.48174	0.1869392	2.4388697164557
(225641)	17.8	123.19598	250.89329	13.89669	8.68765	0.1236418	2.2869545164539	(225693)	17.6	126.78324	136.36984	152.09322	2.68746	0.1973617	2.3736957164557
(225642)	15.8	24.29413	138.73321	186.09908	13.26901	0.0792893	3.3762815164539	(225694)	16.7	91.29449	343.03330	326.84879	5.97850	0.1679926	2.4341307164558
(225643)	15.9	28.33425	89.91195	102.25786	8.18218	0.1711841	2.6074743164539	(225695)	16.6	57.34019	147.58845	224.49251	2.64588	0.1391335	2.4040637164558
(225644)	17.3	176.42231	183.24733	52.63143	7.36091	0.1712130	2.2517106164539	(225696)	15.9	67.44546	104.73174	293.12204	2.90913	0.2731235	2.4168054164558
(225645)	16.6	211.57391	246.97111	320.24654	8.61817	0.0367826	2.2089317164540	(225697)	17.4	76.45127	75.93882	253.92175	2.61422	0.2032617	2.4391838164559
(225646)	16.8	91.34915	254.20619	5.19359	1.27036	0.1648549	2.3652257164540	(225698)	16.8	196.07984	292.66345	284.07424	19.23839	0.0652787	1.8843209164559
(225647)	17.5	138.55844	248.68109	16.58442	1.55040	0.1826418	2.2996121164540	(225699)	17.0	356.27415	205.58491	232.83259	19.93789	0.0932065	1.8877921164560
(225648)	17.1	308.15572	107.79026	17.72157	4.92355	0.0996845	2.1901142164541	(225700)	15.9	50.52264	126.68901	281.81746	11.25200	0.2613975	2.4116120164560
(225649)	15.4	36.54376	323.62299	19.98819	16.60761	0.0912163	3.1857918164541	(225701)	16.5	52.78307	318.20446	55.11495	4.24281	0.1985736	2.4042378164560
(225650)	15.1	216.58657	353.63287	229.68019	11.18393	0.062605	2.9783774164541	(225702)	16.5	46.10314	71.41287	348.66869	3.11268	0.1204580	2.3651898164561
(225651)	14.9	220.52055	343.53333	235.72994	8.02593	0.0869240	3.0057287164541	(225703)	16.3	32.72723	133.68852	269.28817	5.89917	0.1049417	2.3940427164561
(225652)	14.8	258.58624	241.53421	300.32612	9.68111	0.0785227	2.9828962164542	(225704)	16.8	96.39446	113.31052	207.24324	6.09003	0.1716977	2.4206709164562
(225653)	16.3	265.96065	90.75474	83.45824	4.94220	0.0936121	2.1996643164542	(225705)	16.7	74.29090	89.26770	256.99321	5.35776	0.1276275	2.4141053164562
(225654)	15.0	264.18826	31.24404	135.20940	7.82704	0.0611623	2.9785214164542	(225706)	16.0	21.61765	9.94096	347.60375	10.41274	0.1721493	2.5354555164562

(225707)	15.8	28.27395	66.23691	353.78044	7.19728	0.1959938	2.4293909164563	(225759)	16.7	39.75311	315.69757	75.71658	2.53876	0.1929488	2.4631085164583
(225708)	16.4	86.01715	294.81446	60.37033	2.82868	0.2350527	2.4103924164563	(225760)	17.1	21.97302	42.39954	31.32640	3.13445	0.1563862	2.4004130164584
(225709)	16.8	141.78853	168.49155	106.67774	3.48586	0.1815894	2.3743116164564	(225761)	16.0	257.84651	302.59943	182.40639	13.49230	0.1294988	2.5609494164584
(225710)	16.0	36.39623	337.21626	74.45446	5.91186	0.1839443	2.3959458164564	(225762)	17.1	90.58490	252.55000	77.69188	2.18400	0.1487121	2.4458521164584
(225711)	17.6	107.23710	312.29466	330.32295	1.03353	0.1744902	2.4290052164564	(225763)	15.7	342.98111	96.16666	25.80616	12.23547	0.1729476	2.4214363164585
(225712)	16.7	46.13925	301.69147	350.56793	8.05232	0.2863670	2.5517892164565	(225764)	16.9	133.24152	284.67331	18.27828	3.19921	0.0916834	2.4283480164585
(225713)	16.3	66.10587	108.43823	246.98799	20.06853	0.0631534	1.8979915164565	(225765)	15.0	57.47472	121.39034	195.05835	5.06375	0.2859676	3.9754887164585
(225714)	16.8	51.16297	39.90816	319.69069	1.75285	0.2176531	2.4473295164565	(225766)	17.2	39.30144	88.10982	350.72328	2.05645	0.1762881	2.3701022164586
(225715)	16.7	71.14755	130.05314	253.63497	1.25412	0.1938165	2.3750615164566	(225767)	17.5	342.96241	207.24105	268.69597	0.71812	0.1460316	2.4179508164586
(225716)	17.2	107.05717	302.94307	358.52845	0.88006	0.1604767	2.4189178164567	(225768)	15.5	44.75538	316.79015	100.15708	15.46295	0.2533719	2.4568600164586
(225717)	16.5	73.95747	179.15324	174.11062	6.24024	0.1482398	2.3810013164567	(225769)	16.3	246.53290	204.83757	339.45966	5.95692	0.0937690	2.4130628164587
(225718)	16.6	0.47350	79.11317	6.08284	6.05766	0.1442144	2.4141830164567	(225770)	16.5	114.15732	230.88289	75.43568	3.30756	0.1691261	2.4469643164587
(225719)	16.5	33.40212	343.66983	55.53379	3.38474	0.1994102	2.4436608164568	(225771)	17.0	128.72006	194.32975	86.76692	5.22054	0.2380830	2.4169610164588
(225720)	17.1	71.75900	235.69407	110.54470	3.75134	0.1883014	2.4368670164568	(225772)	16.3	219.66614	107.50362	115.04700	4.17153	0.0392184	2.4304960164588
(225721)	16.1	130.05497	303.26665	347.47725	6.66224	0.0793719	2.4241755164568	(225773)	16.4	32.06097	272.31660	78.13942	15.33869	0.0956873	2.5610666164588
(225722)	16.3	17.96560	99.19062	328.43778	2.03975	0.1805865	2.4378733164569	(225774)	15.4	356.97569	170.53238	259.83496	10.76271	0.1255778	2.5112916164589
(225723)	16.6	100.98469	29.93697	294.54879	1.53372	0.2459795	2.4152600164569	(225775)	16.6	6.10420	209.71053	231.31539	19.29626	0.0861783	1.8953902164589
(225724)	17.1	167.00436	99.07765	168.79838	3.26116	0.1611388	2.3563434164570	(225776)	16.7	30.32447	26.00823	300.94018	4.89298	0.2882464	2.5574651164590
(225725)	16.6	82.38290	313.93447	24.25772	2.67930	0.1882106	2.4099018164570	(225777)	16.8	111.38889	233.50191	77.41041	6.73531	0.1361935	2.4467441164590
(225726)	16.0	41.91942	340.46345	84.83200	3.31127	0.2025303	2.3674480164570	(225778)	16.6	39.70893	322.24210	95.43461	5.69533	0.1669213	2.4297311164590
(225727)	17.1	74.88882	300.27191	33.15117	1.60832	0.1998107	2.4321115164571	(225779)	16.2	86.03818	232.18520	102.67907	5.55351	0.1939571	2.4551457164591
(225728)	16.0	43.70557	6.60651	20.86829	7.14123	0.1136362	2.4315999164571	(225780)	15.9	103.43997	249.82245	76.90304	7.63993	0.1335534	2.4184236164591
(225729)	17.0	123.13567	284.37518	1.14927	2.13347	0.2002531	2.4086763164572	(225781)	17.8	27.20180	199.45778	197.95175	1.35553	0.1909733	2.4704800164591
(225730)	16.2	152.51142	236.20374	37.29804	2.88294	0.2000321	2.3699268164572	(225782)	16.9	110.28897	328.93134	330.79705	2.03261	0.1911536	2.4469019164592
(225731)	17.4	143.26181	282.95296	339.58678	0.77680	0.1606614	2.4217347164572	(225783)	16.3	17.81118	187.71574	262.31449	5.10044	0.1089072	2.4151248164592
(225732)	16.8	0.17374	307.36950	122.19867	2.19669	0.1566125	2.4551894164573	(225784)	16.4	171.18791	244.61579	15.96652	4.18652	0.1189136	2.4432692164592
(225733)	17.0	108.99413	190.12539	106.30063	2.13198	0.1772627	2.4364354164573	(225785)	16.4	322.18741	284.34299	137.50429	8.52734	0.2114971	2.5869505164592
(225734)	16.7	37.12748	247.38060	136.35665	6.87900	0.1915943	2.4694872164573	(225786)	16.7	28.62895	331.49428	116.74820	2.54729	0.2195789	2.4152203164593
(225735)	17.4	98.02509	237.87454	73.57015	3.02211	0.2126707	2.4187507164574	(225787)	16.9	0.40447	265.03373	177.92185	3.65133	0.1546437	2.4753316164593
(225736)	16.7	120.55567	193.47067	96.79666	4.07184	0.1599493	2.4125202164574	(225788)	16.5	51.14389	323.79205	75.51912	3.28876	0.1974509	2.4391916164593
(225737)	16.7	35.00237	347.15612	53.05220	7.25579	0.1540213	2.4378349164574	(225789)	17.0	330.73198	240.11205	205.79437	11.29508	0.0938117	2.5386995164594
(225738)	16.7	37.51347	220.94844	171.75794	6.77837	0.2033261	2.4503150164575	(225790)	15.5	29.29294	347.07382	30.57483	15.16162	0.0583983	2.5391507164594
(225739)	17.1	35.23435	330.56349	357.24043	6.38950	0.2625806	2.5425594164575	(225791)	17.4	337.39278	359.98137	49.90066	3.07438	0.1333408	2.5834333164595
(225740)	16.4	30.14396	35.60247	10.54753	6.16716	0.1044391	2.4278234164576	(225792)	16.9	339.69157	281.07843	169.58972	4.21408	0.0387884	2.4533294164595
(225741)	17.3	54.91012	341.73492	25.82640	3.09748	0.2052644	2.4454385164576	(225793)	17.2	327.71515	44.27818	50.32765	2.14999	0.0426555	2.5304608164596
(225742)	17.3	67.73585	180.30169	171.70340	2.79446	0.1925006	2.4496668164576	(225794)	17.0	17.93980	327.04580	71.86889	4.56235	0.1611734	2.5395029164596
(225743)	15.8	11.08181	110.41938	15.54548	22.78916	0.3320897	2.3901102164577	(225795)	16.4	21.97549	343.54755	53.06967	4.18495	0.1858902	2.5362081164596
(225744)	16.8	85.62627	211.87017	130.67590	1.91971	0.2249577	2.4286150164577	(225796)	14.9	99.45588	272.26240	62.02330	16.53662	0.1621860	2.4898988164597
(225745)	16.0	32.12967	36.78409	17.64482	10.01838	0.2316597	2.4348423164577	(225797)	15.8	359.00100	3.93745	60.69674	19.22672	0.1608202	2.5562375164597
(225746)	16.5	47.42265	263.00086	116.49805	2.83906	0.1930986	2.4489019164578	(225798)	15.6	305.75943	233.55107	246.88575	11.68466	0.1758521	2.5856641164598
(225747)	16.3	338.26420	120.49596	281.91401	4.57472	0.2610889	2.5924608164579	(225799)	16.6	90.51100	313.38481	9.95201	2.24824	0.1057057	2.5242418164598
(225748)	16.8	32.65866	79.64865	315.50278	4.53814	0.1933488	2.4332489164579	(225800)	14.4	352.26163	58.54693	37.05732	4.10604	0.2163245	3.9503888164599
(225749)	15.9	185.02656	231.73695	317.05707	3.49360	0.1477028	2.5407207164579	(225801)	17.6	344.72047	232.38519	184.77397	4.39066	0.2658833	2.5779955164599
(225750)	14.7	331.34675	15.66741	185.11823	19.64582	0.0898604	3.1448382164580	(225802)	15.9	0.99989	124.41217	309.27835	3.24850	0.1877198	2.5378070164599
(225751)	16.1	93.03934	98.50929	230.97807	5.04923	0.1598114	2.4280858164580	(225803)	16.2	132.91746	29.57671	263.72608	4.24225	0.1067026	2.4201036164600
(225752)	16.9	115.59253	352.10227	309.06583	2.54272	0.1918895	2.4352556164580	(225804)	15.4	317.40027	111.77539	55.88319	23.24290	0.1765095	2.4212546164600
(225753)	15.9	38.81185	162.92514	235.83742	5.85055	0.1620695	2.4322970164581	(225805)	16.8	49.46989	285.73412	88.83416	23.64151	0.1016899	1.9327653164601
(225754)	16.1	19.66099	171.82622	246.38581	3.44624	0.0919781	2.4435731164581	(225806)	15.6	73.11452	78.97367	267.62657	13.95800	0.1241924	2.5741356164601
(225755)	16.4	12.55299	203.56740	210.11936	6.13596	0.0217321	2.4581990164582	(225807)	16.4	115.73700	84.79545	251.67671	20.06446	0.0093278	1.8998400164601
(225756)	17.0	75.77660	115.01999	230.86041	1.60009	0.2039990	2.4481763164582	(225808)	15.9	354.15098	271.02273	185.40602	10.96492	0.2259489	2.5517308164602
(225757)	16.8	119.07672	289.79298	358.51627	2.15860	0.1819000	2.4223830164583	(225809)	16.3	74.26110	65.87973	273.09428	1.81353	0.1840079	2.5102133164602
(225758)	17.1	27.11043	94.54073	358.13109	1.58427	0.1474877	2.3616149164583	(225810)	16.6	13.97851	328.67321	27.98679	5.44782	0.2513522	2.5915304164602

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 (225914) 16.1 18.77993 72.02277 303.81938 10.20050 0.3121108 2.6055171164640

(225915)	15.9	289.37949	266.91332	243.86731	6.54456	0.1169017	2.6112611164641	(225967)	15.9	42.41905	268.14370	118.22646	10.73037	0.1773402	2.6163033164658
(225916)	16.2	320.48828	291.21883	204.64807	4.13468	0.2244190	2.5785662164641	(225968)	15.8	329.04481	143.92028	316.30073	2.71405	0.0590948	2.6757788164658
(225917)	16.6	327.93068	285.31730	177.79000	3.91294	0.1325876	2.6094873164641	(225969)	16.4	33.62473	40.99399	336.77448	3.73950	0.0795484	2.7845384164658
(225918)	16.3	34.04288	327.12173	103.06335	7.11234	0.1280636	2.5176364164642	(225970)	16.3	8.02723	236.85886	193.97447	3.40966	0.1708564	2.5916145164659
(225919)	16.4	287.51572	76.66625	87.79443	6.33872	0.0617621	2.5831357164642	(225971)	16.1	68.41133	60.24388	293.66449	5.11102	0.0567564	2.6846543164659
(225920)	16.6	306.70243	167.62217	325.87777	1.40918	0.1470459	2.6129669164642	(225972)	16.6	10.88125	212.53672	244.58839	4.28743	0.2256411	2.5415863164659
(225921)	15.9	5.57937	323.86688	105.88023	6.29279	0.2036309	2.5794358164643	(225973)	16.5	333.83236	161.09980	279.08213	2.25569	0.1270368	2.6530596164660
(225922)	16.8	343.01460	119.58083	328.44116	2.09779	0.1864752	2.6069818164643	(225974)	16.2	346.17231	47.38426	52.71953	4.32219	0.1421616	2.5834996164660
(225923)	16.1	7.78852	84.50625	326.78437	3.97883	0.1930671	2.6207179164643	(225975)	16.0	312.84536	139.75670	339.24041	11.55293	0.1443673	2.6297484164660
(225924)	15.8	243.53629	96.53030	88.80953	4.66669	0.0246073	2.6522419164644	(225976)	15.8	10.58376	55.96354	3.02786	7.82077	0.1159547	2.6397883164661
(225925)	15.1	301.88124	274.14412	278.97485	25.62012	0.1923505	2.5808781164644	(225977)	15.6	77.41783	359.51140	330.85218	7.07858	0.0948419	2.7079457164661
(225926)	15.8	349.94414	308.37942	115.31769	19.26241	0.1788196	2.6480697164644	(225978)	16.5	255.88575	95.18014	97.53463	3.58272	0.1328822	2.6527385164661
(225927)	16.3	281.80736	110.97908	60.40044	3.01966	0.1767049	2.6208323164645	(225979)	16.6	39.33666	342.14479	47.92621	3.48180	0.0985177	2.6234010164661
(225928)	17.1	336.73361	348.84045	111.96292	5.12185	0.2522323	2.5573829164645	(225980)	15.3	66.80437	14.60867	336.99816	10.52240	0.0869450	2.6953684164662
(225929)	16.4	259.86808	264.47602	283.45536	2.96210	0.0655707	2.5996655164645	(225981)	15.8	47.72581	224.96146	154.14951	9.56893	0.0875336	2.7110521164662
(225930)	16.2	23.16310	113.76511	295.99058	3.45332	0.2495183	2.5877673164645	(225982)	16.2	244.79860	10.00631	168.99641	5.40753	0.0940541	2.7182234164662
(225931)	16.3	356.98238	90.05645	26.59830	2.08697	0.0949729	2.5223268164646	(225983)	16.2	75.59709	192.50821	152.14188	6.71755	0.0413488	2.7479314164663
(225932)	16.5	46.35856	312.95596	100.62691	7.71460	0.1920360	2.5125226164646	(225984)	12.2	84.13719	32.56825	277.86050	9.08885	0.0056485	5.1562740164663
(225933)	15.9	25.63557	297.47956	115.05309	7.64145	0.0475982	2.6022080164647	(225985)	15.5	122.90492	39.92601	177.17869	9.75884	0.2411352	3.0576570164663
(225934)	16.4	12.95314	80.41417	343.37037	3.77427	0.1894702	2.5852420164647	(225986)	15.8	44.16874	109.71638	289.77398	10.42644	0.2912611	2.5657493164664
(225935)	16.7	273.00459	117.90174	55.25284	2.96811	0.1028242	2.6304583164647	(225987)	15.3	230.12971	244.51993	315.11138	12.61036	0.1017623	2.6684474164664
(225936)	15.8	350.64954	331.61278	99.52821	4.21075	0.0343613	2.6719323164647	(225988)	16.1	6.29027	111.22222	303.80231	3.37580	0.0928974	2.6407739164664
(225937)	16.3	318.87730	72.27792	86.50969	24.43679	0.1209762	1.9375832164648	(225989)	15.7	19.08619	40.15897	60.16749	6.10625	0.2315317	2.5468118164664
(225938)	16.0	28.74735	294.74655	99.45355	14.13099	0.1789001	2.5295567164648	(225990)	15.8	328.99997	160.81748	298.95591	10.96306	0.1383674	2.6662979164665
(225939)	16.6	331.99935	105.23668	302.63695	3.95013	0.1145069	2.7168506164648	(225991)	16.0	354.84328	3.71510	120.40314	5.80050	0.1606085	2.5603735164665
(225940)	15.7	305.27271	27.05286	97.01721	22.73800	0.0934433	2.6441743164649	(225992)	15.9	285.40770	47.13295	84.70841	12.52391	0.1392478	2.6835421164665
(225941)	15.4	125.90657	210.93256	84.23524	14.74790	0.0914504	2.6643930164649	(225993)	12.3	16.01572	249.71818	138.60772	10.07960	0.0203436	5.1863722164666
(225942)	16.6	0.93963	157.81389	260.15411	2.65241	0.1484349	2.6372367164649	(225994)	16.6	330.73008	233.33228	255.76078	3.68593	0.1004009	2.6074791164666
(225943)	16.7	333.41212	332.64941	120.58501	3.07726	0.0526699	2.6331639164650	(225995)	16.5	11.24630	90.37308	317.09636	4.15585	0.0248039	2.7089419164666
(225944)	15.4	279.90489	158.97281	15.61687	8.80615	0.1889938	2.6018211164650	(225996)	15.7	320.46765	289.86704	156.72639	13.34260	0.0595161	2.7488321164666
(225945)	15.8	318.83854	116.65156	6.61738	31.37541	0.2355142	2.6278686164650	(225997)	15.9	308.98335	94.37183	37.31246	13.16555	0.2125993	2.6117531164667
(225946)	15.8	319.55364	121.98439	339.50163	13.87915	0.0624790	2.6456543164650	(225998)	15.6	233.22772	144.76664	50.46900	13.43232	0.1179878	2.6980850164667
(225947)	16.0	314.68643	123.32300	23.08633	5.60179	0.2390394	2.5794212164651	(225999)	15.6	353.83193	7.53474	69.40358	15.61141	0.2017100	2.6181301164667
(225948)	16.0	341.44329	29.29914	62.40985	8.22711	0.1556364	2.6238090164651	(226000)	15.0	41.60862	221.96710	158.98656	28.22179	0.1418635	2.6949041164668
(225949)	15.8	262.68476	161.35124	9.06544	11.72147	0.1255995	2.6414509164652	(226001)	15.3	338.04437	204.83690	266.07944	12.16034	0.2083660	2.6078035164668
(225950)	15.9	36.26957	78.93891	337.68579	10.35711	0.1738022	2.5448937164652	(226002)	15.3	209.41152	133.90179	94.61340	13.71775	0.1555028	2.7613283164668
(225951)	16.0	297.45898	158.37748	344.17837	3.90032	0.0254656	2.6433369164652	(226003)	16.8	176.83448	221.33016	25.05531	4.18206	0.0241771	2.7708330164669
(225952)	16.3	334.94132	121.37704	333.51706	3.24803	0.1383360	2.6408626164652	(226004)	15.3	5.61542	36.61127	62.48151	29.40513	0.1038236	2.5660752164669
(225953)	15.4	263.40446	257.05055	274.18712	13.60669	0.0606168	2.6608225164653	(226005)	13.2	300.34009	254.90071	204.32462	7.37839	0.0407354	5.1558739164669
(225954)	16.4	8.27427	62.88788	7.15670	4.26598	0.2049183	2.5756163164653	(226006)	17.0	81.22768	154.21541	168.85533	4.44804	0.0698078	2.7892317164670
(225955)	16.4	5.74350	46.95066	21.34468	4.85975	0.2397244	2.5772807164653	(226007)	15.1	259.85308	270.34144	264.22098	10.66602	0.1393105	2.7124959164670
(225956)	15.8	341.40303	118.51567	344.17209	11.22141	0.1526321	2.6015637164654	(226008)	16.2	212.88468	172.12122	36.21438	3.72282	0.0145813	2.7634187164670
(225957)	16.5	346.87505	25.67938	78.84013	6.71315	0.2412756	2.5833709164654	(226009)	16.1	232.80880	116.42377	68.48979	4.94340	0.0372169	2.7712729164670
(225958)	16.0	349.76722	15.84567	56.99633	5.23407	0.1513127	2.6298412164655	(226010)	15.9	87.11513	355.28169	345.16183	5.43195	0.0263962	2.7386464164671
(225959)	15.9	325.11641	83.76071	54.62169	8.51790	0.1527167	2.5854656164655	(226011)	16.4	332.08688	318.96891	137.90753	4.58181	0.1591315	2.6872122164671
(225960)	16.4	344.09455	7.18050	90.00277	10.23687	0.1662366	2.6109136164655	(226012)	15.4	289.78175	314.16857	187.92693	8.83942	0.1091606	2.7142214164671
(225961)	16.4	354.17931	301.49261	134.49335	2.23500	0.0962937	2.6454280164656	(226013)	15.4	305.42335	238.04338	186.00943	10.23518	0.0182316	2.9252451164672
(225962)	16.4	237.16514	192.28211	13.20874	3.04824	0.0443158	2.6516512164656	(226014)	15.7	184.91192	220.95470	4.38717	8.77484	0.0841632	2.8038589164672
(225963)	15.4	94.22473	271.76889	341.13907	10.30201	0.0866108	2.9899250164656	(226015)	16.4	230.12208	62.15330	140.63856	2.94767	0.1687852	2.7440554164672
(225964)	16.2	307.83013	336.44335	140.98138	5.38591	0.0639965	2.7140516164656	(226016)	15.4	239.64650	29.67846	104.18131	3.08176	0.0435319	2.9148969164672
(225965)	15.9	317.18334	331.15045	154.35035	9.22579	0.1311160	2.6637708164657	(226017)	16.1	314.61681	112.45324	0.12054	4.27912	0.0726497	2.7188449164673
(225966)	15.7	328.89941	358.75281	129.24523	4.92971	0.2047560	2.6237789164657	(226018)	15.7	247.69590	233.40365	311.24828	8.57471	0.1382385	2.7403887164673

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(226123)	14.9	16.60663	118.31997	310.07957	9.63626	0.1471831	3.2311925164704	(226175)	16.7	163.49742	15.69755	260.28885	8.04611	0.0265718	2.1906507164720
(226124)	16.0	251.32137	62.98492	118.95782	3.50786	0.0713831	3.1978927164704	(226176)	17.0	75.04848	79.95805	228.18339	4.69162	0.2699047	2.2876452164720
(226125)	17.5	151.84135	230.62650	29.07063	3.67643	0.0892043	2.2072523164704	(226177)	16.8	78.90056	309.01438	23.12516	7.16346	0.1765366	2.2355707164721
(226126)	17.7	57.44693	15.60057	326.88888	0.95275	0.1940745	2.2665701164704	(226178)	16.4	119.40296	14.34394	274.56207	5.30676	0.1064767	2.2606816164721
(226127)	17.0	45.79187	25.48788	344.78827	3.08915	0.1866069	2.2514192164705	(226179)	16.9	349.03458	80.98800	307.44148	4.79085	0.2129082	2.3820623164721
(226128)	17.0	70.05980	188.62320	151.61368	6.44211	0.2137056	2.2495668164705	(226180)	17.0	1.88669	152.79868	277.36646	5.78568	0.1357596	2.2336499164721
(226129)	17.2	5.97229	67.39177	354.06324	4.02107	0.1332294	2.2380210164705	(226181)	16.6	78.37422	273.60435	102.16540	7.68838	0.1795108	2.2061850164722
(226130)	17.1	46.57429	144.23438	209.15751	1.89324	0.1872854	2.2719695164706	(226182)	15.2	84.93020	106.13506	306.34231	6.90578	0.0179854	3.0409913164722
(226131)	16.7	75.41453	327.64797	5.40134	4.82592	0.2559916	2.2362638164706	(226183)	16.4	45.11055	76.49275	297.45042	4.62888	0.2237711	2.2555602164722
(226132)	16.9	19.31118	69.23988	340.44710	6.18495	0.0655502	2.2249416164706	(226184)	16.7	13.74349	144.93872	211.19759	5.52927	0.1457033	2.3858217164723
(226133)	17.7	40.02347	224.25302	162.20092	3.39646	0.2184540	2.2450184164707	(226185)	17.1	12.02979	297.09099	112.34909	6.14850	0.1089377	2.2779811164723
(226134)	16.9	46.59183	3.78774	355.03656	4.79808	0.1518756	2.2649081164707	(226186)	16.3	63.14715	320.50014	42.04108	6.49882	0.1866762	2.2723122164723
(226135)	16.7	46.80371	355.42965	8.09777	4.03765	0.1859314	2.2718817164707	(226187)	16.6	91.54956	163.77519	153.96506	6.86267	0.1370122	2.2742253164724
(226136)	17.1	27.55285	142.33863	241.37952	3.55849	0.2403476	2.2810300164708	(226188)	16.7	85.11984	202.45803	111.18805	7.76955	0.1769462	2.2582544164724
(226137)	16.3	346.63226	130.84695	256.02350	5.16913	0.1614285	2.3416570164708	(226189)	17.1	81.41085	255.73855	60.78392	5.33661	0.1415599	2.2825356164724
(226138)	16.6	62.72180	210.95038	124.27191	6.46316	0.2126282	2.2703304164709	(226190)	17.1	66.87305	190.53754	153.23626	4.85832	0.1908140	2.2639217164725
(226139)	17.3	35.58779	255.07042	111.09367	4.43328	0.2097927	2.2910314164709	(226191)	17.5	62.30044	180.03951	192.23774	2.67721	0.1711665	2.2519438164725
(226140)	16.9	34.64193	278.84223	79.03240	7.28618	0.1489633	2.2970599164709	(226192)	16.7	62.91013	348.29473	2.32360	8.23198	0.1486424	2.2836640164725
(226141)	16.7	7.51704	328.80611	52.07490	8.33179	0.2734656	2.3149850164709	(226193)	16.3	71.39303	23.91059	330.52438	3.35942	0.2334076	2.2602678164725
(226142)	18.0	7.82024	229.33607	170.09531	0.32747	0.2083905	2.2923705164710	(226194)	17.6	348.90682	3.40976	83.67923	3.53449	0.1213153	2.2583863164726
(226143)	17.0	114.33742	293.15139	310.60778	1.65144	0.1722416	2.3217520164710	(226195)	17.3	14.51032	306.51385	89.49507	4.14392	0.1596326	2.2969683164726
(226144)	17.4	42.79830	6.69200	306.72062	3.97520	0.2301591	2.3213774164710	(226196)	18.3	18.21167	325.50267	80.34348	1.80611	0.0653927	2.2576889164727
(226145)	17.7	53.75130	77.16501	286.06822	3.16751	0.0665584	2.2366081164711	(226197)	17.0	81.13934	135.69922	203.81051	6.28419	0.1436909	2.2638014164727
(226146)	17.5	45.51659	151.87793	218.80658	2.44296	0.1824639	2.2426447164711	(226198)	18.7	326.91470	112.68867	28.05152	8.69827	0.2577372	1.7436460164727
(226147)	17.8	43.33965	252.34478	114.27733	7.86564	0.1883786	2.2487087164711	(226199)	16.4	125.65163	249.85618	80.60491	8.83289	0.0739748	2.2156345164727
(226148)	15.0	180.60496	335.73384	263.92085	13.74310	0.1422042	3.2006924164711	(226200)	17.2	348.97881	55.31458	42.10623	7.26920	0.0585977	2.2605220164728
(226149)	17.1	354.43387	66.41688	3.78510	7.71308	0.1081388	2.2401453164712	(226201)	16.9	353.41380	281.85817	174.26129	21.95078	0.3102816	2.2779573164728
(226150)	18.1	121.09172	60.43095	211.32603	5.20764	0.1249538	2.2659505164712	(226202)	17.9	1.65540	238.22458	176.95587	2.04275	0.2063573	2.3164517164728
(226151)	17.1	316.03981	307.61261	170.52871	3.87682	0.0912451	2.2477622164712	(226203)	16.7	327.40005	197.46800	258.50991	5.64637	0.1658544	2.3321348164728
(226152)	17.4	27.15216	353.40639	31.50478	4.77649	0.1349201	2.2805042164712	(226204)	16.6	70.68889	63.31599	258.57680	4.36123	0.2429137	2.3148509164729
(226153)	17.0	21.16138	218.81897	188.48530	7.14284	0.0948937	2.2570042164713	(226205)	16.8	20.13276	162.99355	249.17168	5.59521	0.1685350	2.2891368164729
(226154)	17.2	312.19666	292.56766	179.74235	4.14587	0.0886331	2.2713062164713	(226206)	16.2	184.28885	223.26655	26.29690	7.53523	0.0692563	2.2658690164729
(226155)	16.8	303.11471	41.00869	44.49130	2.89603	0.1684446	2.3564301164713	(226207)	17.0	6.44297	176.77176	211.53606	6.14682	0.233782	2.3560158164730
(226156)	16.6	102.94889	170.22259	130.10113	8.13296	0.1225777	2.2631148164714	(226208)	16.0	322.10039	31.55878	79.23053	23.95016	0.2224026	2.3793319164730
(226157)	16.3	91.57510	115.28452	199.76682	6.62496	0.1402686	2.2750883164714	(226209)	16.8	55.81237	148.32063	217.90040	5.57260	0.1333817	2.2858550164730
(226158)	16.8	68.49446	286.66878	24.72003	6.35778	0.2045231	2.3117390164714	(226210)	17.6	5.41793	77.45267	0.17972	2.25824	0.1120365	2.2752955164731
(226159)	16.8	81.56971	110.44635	205.29336	1.25093	0.1784746	2.2861030164715	(226211)	17.4	0.36347	300.07374	129.34046	2.12972	0.1813878	2.3075245164731
(226160)	16.5	49.16703	218.17265	144.96468	5.80600	0.1402407	2.2642727164715	(226212)	17.1	58.91038	218.98926	145.93544	4.00439	0.2488139	2.2818481164731
(226161)	16.8	69.67829	284.83903	55.81298	6.83803	0.1810887	2.2717574164715	(226213)	17.1	17.19637	357.52758	86.05652	5.54801	0.2671807	2.2576585164732
(226162)	16.5	34.45424	39.46964	353.21671	5.70404	0.1040001	2.2472788164716	(226214)	16.6	354.94814	221.27391	212.62797	5.51900	0.2121964	2.3313922164732
(226163)	17.2	351.18084	217.70519	210.79979	3.94165	0.1583574	2.2898493164716	(226215)	17.0	56.21565	328.62677	25.90876	5.95694	0.1896565	2.2999393164732
(226164)	17.0	32.61468	201.82665	188.30323	6.08526	0.1332662	2.2710155164716	(226216)	16.3	78.63637	349.06179	342.08167	4.76102	0.2324280	2.2882875164733
(226165)	17.6	28.52549	223.00971	185.08435	2.28197	0.2055499	2.2699736164717	(226217)	16.4	31.01558	117.12870	271.50296	5.97159	0.1312023	2.3094356164733
(226166)	16.8	34.78409	198.29825	196.80995	3.90955	0.1495651	2.2740153164717	(226218)	17.1	31.26521	334.29687	73.29008	3.51434	0.1604381	2.2715876164733
(226167)	16.7	51.31891	174.48373	196.97094	7.41602	0.1616735	2.2770909164717	(226219)	18.0	50.98672	87.01674	256.20705	5.99014	0.4424765	2.2954471164734
(226168)	17.0	76.57308	107.41974	215.87986	6.72073	0.1394419	2.2839787164718	(226220)	16.7	89.13332	343.43422	344.41126	2.73952	0.1927049	2.2904571164734
(226169)	17.5	344.95765	261.38854	187.48924	7.44024	0.0533627	2.2406929164718	(226221)	15.5	34.81412	341.69653	67.26983	9.69548	0.2297604	2.3039393164734
(226170)	16.3	67.70790	4.33788	346.09502	5.92367	0.1866643	2.2525423164718	(226222)	16.2	105.92043	300.52527	24.34269	6.18143	0.1851082	2.2650045164735
(226171)	16.0	85.03822	29.79264	291.65086	6.92341	0.2386639	2.2562327164719	(226223)	16.7	336.31093	179.28757	266.26711	5.70352	0.0904313	2.3127240164735
(226172)	16.3	106.83347	14.04364	275.84644	6.25348	0.1312154	2.2884758164719	(226224)	15.5	45.69270	333.05838	65.45822	23.64369	0.1618206	2.2994567164735
(226173)	16.8	29.00211	276.34364	120.21835	5.86436	0.1978181	2.2616598164719	(226225)	16.6	42.75848	85.67481	293.08655	5.19724	0.1825292	2.3011202164736
(226174)	16.6	305.83140	231.50885	253.51375	5.31021	0.0858038	2.2697862164720	(226226)	17.2	53.20966	105.90241	245.92754	0.92407	0.2398295	2.2981957164736

(226227)	16.8	111.97564	247.75234	85.98305	8.31345	0.1994508	2.2165806164737	(226279)	16.8	351.32674	334.93558	105.75025	2.38118	0.1580287	2.3637718164754
(226228)	17.1	68.75835	177.58451	168.66571	3.06261	0.2318483	2.2845946164737	(226280)	15.8	55.98655	267.47634	136.26036	8.11326	0.1948205	2.3217684164754
(226229)	16.4	290.10449	71.42487	65.88397	8.30919	0.0789653	2.3335439164737	(226281)	16.8	10.82451	290.26999	129.80334	5.39486	0.1905162	2.3843219164755
(226230)	17.5	49.24555	190.21079	184.54452	2.99833	0.0766560	2.2925991164737	(226282)	15.9	183.10633	260.00757	282.66312	3.42101	0.1528497	2.6201972164755
(226231)	16.5	88.60453	327.19031	9.89946	7.72239	0.1442843	2.2724720164738	(226283)	16.7	5.28535	100.65214	346.73582	2.12558	0.1785812	2.3585593164755
(226232)	17.0	66.58970	43.27377	293.12246	1.51890	0.2337089	2.3114823164738	(226284)	17.0	317.54112	353.50787	120.55970	9.19578	0.1203069	2.4417601164756
(226233)	15.2	264.11144	223.09956	277.35653	1.62511	0.1694212	3.9534918164738	(226285)	16.2	30.09787	338.07818	112.22905	7.29198	0.1823407	2.3093521164756
(226234)	17.5	57.65383	168.78237	197.62716	4.65784	0.1836771	2.2761287164739	(226286)	16.7	350.83547	312.24944	127.93359	3.18527	0.1604789	2.3893507164757
(226235)	17.4	58.65634	280.31893	68.84180	7.18380	0.2317289	2.3112276164739	(226287)	16.6	276.89543	228.49686	301.57702	3.71124	0.1296207	2.4014778164757
(226236)	16.4	18.15115	324.95431	91.05313	7.64503	0.0984482	2.3155533164739	(226288)	14.6	328.95543	324.11707	136.84866	5.86138	0.2008887	3.9734175164757
(226237)	16.4	42.33716	48.96202	312.64981	9.42859	0.3190356	2.3310562164740	(226289)	16.7	274.74311	73.72084	80.83630	2.33777	0.1384611	2.4360705164758
(226238)	16.1	77.64546	339.94932	1.27414	6.23129	0.1745055	2.2935556164740	(226290)	16.1	279.49746	22.69912	119.89998	7.56583	0.0849278	2.4471837164758
(226239)	16.9	320.04421	206.40704	267.01121	1.78306	0.1296086	2.3444873164740	(226291)	17.0	343.93540	99.03506	308.18989	6.96964	0.1357857	2.4823274164758
(226240)	16.5	9.02340	136.31612	288.36168	5.85642	0.0917748	2.3176902164741	(226292)	16.6	58.43779	122.87135	300.03441	6.21587	0.0783985	2.2857972164759
(226241)	16.6	246.07050	298.42408	258.55464	6.20161	0.0602344	2.3043082164741	(226293)	16.6	293.71377	220.44728	292.55234	5.98593	0.0576572	2.3931466164759
(226242)	17.0	69.89331	57.11928	275.61841	5.37527	0.2397292	2.3286056164741	(226294)	17.3	308.81835	106.70983	44.92649	3.47800	0.1809449	2.3697411164759
(226243)	16.5	22.17827	281.41888	114.24837	7.20384	0.1084852	2.3450350164742	(226295)	14.5	332.71518	143.60614	319.52234	6.93430	0.2291210	3.9677643164760
(226244)	16.3	305.34343	246.38438	246.87796	4.75040	0.1512527	2.3379344164742	(226296)	16.6	351.68901	153.16514	276.95284	3.03172	0.1213872	2.4338014164760
(226245)	16.8	344.03819	151.20723	293.84783	1.44448	0.1734723	2.3601285164742	(226297)	17.0	40.61384	246.92675	137.67295	3.54776	0.2436233	2.3895645164760
(226246)	16.5	269.50109	265.33953	261.06936	6.71430	0.0518326	2.3330316164743	(226298)	17.1	285.68141	148.32722	23.93336	4.28600	0.1694086	2.3767371164761
(226247)	16.3	50.34142	323.40035	54.83615	6.66392	0.1077225	2.3094721164743	(226299)	17.4	338.42253	318.95667	129.34592	3.06806	0.1632907	2.4119044164761
(226248)	16.9	39.81180	325.45215	53.04795	3.87650	0.1625995	2.3292574164744	(226300)	17.5	233.03961	73.16212	136.80761	2.73490	0.1319460	2.4281257164761
(226249)	16.0	80.97764	301.37222	62.63441	6.54351	0.1893178	2.2785505164744	(226301)	16.6	314.41330	69.24230	30.07100	8.28332	0.1084819	2.4567044164761
(226250)	17.3	333.70136	196.33122	256.88681	1.72507	0.1369678	2.3593474164744	(226302)	16.3	62.34431	333.69010	52.89150	9.49031	0.1809812	2.3456399164762
(226251)	16.3	335.22601	39.01243	79.42468	6.33936	0.1856494	2.3511547164745	(226303)	17.1	358.53657	30.97532	42.77121	3.72587	0.1593518	2.3867257164762
(226252)	16.4	194.72701	178.99623	21.27508	15.08851	0.0573562	2.4777990164745	(226304)	16.5	351.31353	294.50279	149.52852	2.59448	0.1814196	2.4056524164762
(226253)	16.3	342.04860	330.60484	112.52088	8.71308	0.1095752	2.3900856164745	(226305)	16.4	20.82344	136.22078	293.89200	1.76817	0.2171894	2.3641265164763
(226254)	16.6	343.31508	340.32438	104.96258	4.79218	0.1924552	2.3583211164746	(226306)	16.4	343.79658	304.87472	133.77606	13.60281	0.1905976	2.4334460164763
(226255)	16.4	85.73397	293.28332	91.84920	5.95329	0.1498381	2.2528872164746	(226307)	16.1	162.74720	311.91181	299.67226	3.43467	0.0933600	2.5283282164764
(226256)	17.1	357.48754	290.21961	118.22381	3.09580	0.2058110	2.3945401164746	(226308)	17.1	1.22328	265.22608	171.13373	4.73436	0.1591102	2.3701606164764
(226257)	16.4	26.04494	87.10106	326.50138	2.87669	0.2353185	2.3417591164746	(226309)	16.9	319.28581	55.99966	55.64562	1.97021	0.1315925	2.3996364164764
(226258)	16.2	15.89821	215.46314	216.51346	7.42137	0.2201758	2.2971377164747	(226310)	16.5	279.34153	100.54522	63.79421	3.16778	0.1501835	2.4217299164765
(226259)	15.9	239.22848	60.58729	114.35467	7.22691	0.1213929	2.4427224164747	(226311)	16.9	342.43373	357.07760	103.64824	3.19689	0.1722422	2.4048145164765
(226260)	16.2	42.60119	311.16018	88.21012	6.09720	0.1390139	2.3048706164748	(226312)	17.4	339.27596	97.75620	0.14626	2.31964	0.2016961	2.3901466164765
(226261)	16.0	266.37140	76.94457	96.12773	5.60733	0.1843855	2.3909959164748	(226313)	17.2	306.59093	204.07939	308.59133	0.68619	0.1235564	2.3821530164766
(226262)	17.3	302.94783	26.05343	115.66736	2.84211	0.1471420	2.3784747164749	(226314)	17.2	299.32636	143.30641	347.37265	3.05498	0.1326576	2.4623461164766
(226263)	16.5	56.51492	100.01250	302.04553	4.38681	0.1555065	2.2818600164749	(226315)	15.7	185.25289	192.63393	6.57340	11.31642	0.0934280	2.6430674164766
(226264)	16.7	34.50334	169.31756	242.12402	3.01794	0.2293794	2.2996788164749	(226316)	17.5	355.30933	112.32308	337.57350	0.75648	0.1504986	2.4028164164766
(226265)	16.7	309.59614	169.28817	344.09464	3.54243	0.1412111	2.3373487164749	(226317)	16.9	47.97870	83.74052	345.93600	3.56885	0.1563420	2.3207092164767
(226266)	17.8	316.42265	67.96649	71.76171	3.12963	0.1756104	2.3595437164750	(226318)	16.5	236.08665	114.64969	96.78794	4.01102	0.1455076	2.4448927164767
(226267)	17.4	336.54161	117.96229	353.90165	2.45658	0.1663418	2.3587677164750	(226319)	17.0	311.00676	141.29897	339.40821	2.02790	0.1476004	2.4508550164768
(226268)	16.4	40.72812	288.59478	98.89997	5.82946	0.2136305	2.3603904164750	(226320)	16.5	356.10858	1.90559	95.95065	4.18693	0.0926326	2.3702325164768
(226269)	16.4	352.94884	17.36286	82.62329	6.06137	0.1942681	2.3443421164751	(226321)	16.3	341.22541	335.64230	130.29692	5.60144	0.1549061	2.3993591164768
(226270)	16.6	308.91671	25.02587	113.38173	5.34080	0.0834956	2.3531611164751	(226322)	17.2	248.96867	90.03337	106.87053	3.18982	0.1618893	2.4612949164768
(226271)	16.7	345.97915	298.01547	162.18842	6.84356	0.0558449	2.3560591164751	(226323)	16.4	210.83416	243.04668	348.63574	3.60755	0.0811640	2.4620044164769
(226272)	17.4	297.54434	345.39996	139.20049	2.33774	0.1347596	2.4257992164752	(226324)	16.8	283.99839	57.87074	116.97426	3.35083	0.1516845	2.4301171164769
(226273)	16.1	331.44002	132.75411	339.78907	6.80021	0.1096932	2.3558618164752	(226325)	16.2	269.22342	164.44527	1.54057	6.56014	0.0850192	2.4788096164769
(226274)	17.6	357.55223	209.88861	211.68093	2.05636	0.1866669	2.4024888164752	(226326)	16.0	175.26600	132.09372	115.66731	5.85157	0.1157096	2.5727096164770
(226275)	15.3	263.76060	120.16536	81.90122	23.17049	0.2641930	2.3661041164753	(226327)	16.8	347.24107	216.80304	269.61607	4.84047	0.2192886	2.3544844164770
(226276)	16.3	356.24842	10.10316	77.49488	25.35967	0.1768604	2.3443179164753	(226328)	16.1	325.68408	9.60283	59.23684	15.93666	0.0918803	2.5364157164770
(226277)	16.7	264.50191	94.13786	84.05070	3.75275	0.1246894	2.4071050164753	(226329)	16.4	202.55916	212.88428	26.50452	6.70361	0.0788870	2.4566354164771
(226278)	16.9	242.77306	95.27035	99.61241	2.57945	0.1393949	2.4031632164754	(226330)	15.9	129.57690	197.99400	78.85594	3.31524	0.1734163	2.6483388164771

(226331)	16.8	246.20368	83.35715	97.75129	6.32775	0.0542963	2.5479979164771	(226383)	13.6	32.84965	118.90908	272.75986	25.89187	0.2759770	3.1893867164786
(226332)	16.6	51.69518	111.02104	242.79681	0.73842	0.1613166	2.6082816164771	(226384)	16.7	314.02693	239.92332	293.17227	17.76692	0.0567623	1.8849518164787
(226333)	16.3	146.04856	226.46647	16.90280	4.38695	0.1835086	2.7122465164772	(226385)	16.3	186.88415	316.68043	307.31260	18.22586	0.0291988	1.9280710164787
(226334)	16.2	336.88930	33.95325	150.92063	4.79552	0.0800158	2.3125051164772	(226386)	15.1	35.74619	176.44674	176.78698	10.47618	0.2940182	3.1155675164787
(226335)	17.0	269.16206	338.05662	175.66539	3.70260	0.1630430	2.5344493164772	(226387)	15.1	54.86208	175.42298	164.38376	6.01771	0.2375025	3.0432739164787
(226336)	16.8	289.16999	113.06773	3.42108	7.86595	0.1611936	2.5664801164772	(226388)	15.0	72.90221	224.37905	87.04297	9.81318	0.1945944	3.0356757164788
(226337)	15.5	122.28990	56.84205	206.55330	11.76819	0.0821685	2.7199248164773	(226389)	16.4	183.58185	356.02163	258.96393	18.12219	0.0450955	1.9805238164788
(226338)	16.1	112.07882	260.95222	44.57366	5.10054	0.2054867	2.6473872164773	(226390)	15.0	52.36817	45.94314	325.85482	15.92819	0.2336956	3.0542756164788
(226339)	16.4	337.37687	42.35648	104.96596	6.28087	0.1103414	2.3906131164773	(226391)	15.2	67.27669	18.42865	290.78035	8.64232	0.2003799	3.0729165164789
(226340)	17.0	191.79207	340.61031	243.73190	3.95031	0.1128993	2.6092152164774	(226392)	15.8	67.39047	159.48952	153.13327	6.03288	0.2696985	3.1077203164789
(226341)	16.2	238.37812	27.67753	166.98362	6.26356	0.1516130	2.5542071164774	(226393)	14.8	69.39762	119.70877	218.37239	9.92021	0.0974776	3.0396882164789
(226342)	16.9	4.51162	39.55055	77.63069	3.23865	0.1445798	2.3723835164774	(226394)	14.9	56.72445	183.00993	155.70250	10.21775	0.2047060	3.1445721164790
(226343)	16.4	184.68389	252.92597	338.09523	2.20997	0.1125259	2.5872585164775	(226395)	15.6	33.79013	194.82122	196.56664	8.83827	0.1005339	2.9971559164790
(226344)	16.0	235.09507	187.33581	15.86954	7.84532	0.1610999	2.5586045164775	(226396)	15.5	37.40653	96.15090	283.70186	8.04894	0.2284117	3.0757122164790
(226345)	17.4	192.17984	227.59861	28.92539	2.13113	0.0288631	2.5358751164776	(226397)	14.7	7.03452	112.67484	283.30012	8.16196	0.1208837	3.1313607164791
(226346)	16.5	141.82781	288.45964	347.01924	2.80929	0.0471864	2.5471264164776	(226398)	14.7	104.17565	302.23065	356.22743	13.05387	0.1933570	3.0457861164791
(226347)	16.7	186.30721	191.74056	63.28300	5.11565	0.0538293	2.5674526164776	(226399)	14.8	24.02105	240.30410	126.19624	5.32044	0.1382073	3.2269230164791
(226348)	13.6	341.94773	19.80506	26.40334	6.10856	0.0955546	5.2067428164776	(226400)	14.7	90.98237	310.47832	333.67647	26.05287	0.1588464	3.1216919164792
(226349)	13.1	244.02386	321.83149	192.57668	11.22155	0.0407185	5.1698619164777	(226401)	15.3	70.77986	23.71159	299.77500	12.19614	0.2044342	3.0470155164792
(226350)	16.0	110.46897	105.31215	184.53846	6.98584	0.1806274	2.7010389164777	(226402)	14.9	41.30693	1.09801	8.08374	15.35283	0.0889860	3.1253388164792
(226351)	16.5	207.82886	31.80977	203.51882	7.18875	0.1681609	2.5493408164777	(226403)	14.8	286.64601	24.72620	127.05495	10.25804	0.0302052	2.9232052164792
(226352)	13.5	305.89474	261.83416	190.94209	8.84624	0.0453753	5.2661912164777	(226404)	15.0	53.76026	336.10014	5.35105	15.71491	0.2305937	3.1679739164793
(226353)	15.5	348.34432	197.36217	298.34440	24.86735	0.1842847	2.3427756164778	(226405)	14.7	48.50680	236.25558	144.66450	10.75121	0.0787072	3.0684335164793
(226354)	15.8	157.50848	205.88808	24.43385	12.22137	0.1651680	2.7428264164778	(226406)	14.1	31.13866	88.36398	286.29835	23.29051	0.2991383	3.1575874164793
(226355)	13.0	358.29716	255.36683	153.03436	9.25508	0.0852851	5.1134248164778	(226407)	15.2	34.25154	97.85680	292.96603	5.67767	0.2562022	3.1571275164794
(226356)	16.7	295.58589	87.20407	127.57758	1.91517	0.1374969	2.3690670164778	(226408)	15.4	31.42694	229.84484	156.62208	10.60477	0.0790137	3.0443825164794
(226357)	16.8	127.58644	208.12281	100.15546	2.13027	0.0497944	2.5453017164779	(226409)	15.2	24.62221	210.93031	155.07549	5.86975	0.1403379	3.2089708164794
(226358)	13.1	52.54584	256.86035	108.23529	4.77553	0.0057741	5.2485267164779	(226410)	15.3	20.58933	235.91299	141.71830	16.80239	0.1251680	3.1593521164795
(226359)	16.4	295.22149	35.91795	81.34613	23.68762	0.0537605	1.8923716164779	(226411)	15.5	90.38182	328.63080	353.40406	6.41308	0.1474880	2.9826625164795
(226360)	16.6	321.94149	120.59744	49.32994	4.11704	0.1775936	2.3975343164780	(226412)	15.4	88.52546	267.98226	57.77580	9.05834	0.2060595	3.0333264164795
(226361)	12.9	305.35622	52.14705	22.97052	13.15553	0.0769346	5.2617848164780	(226413)	15.1	59.32737	356.41977	344.63219	9.03850	0.0997069	3.1026767164795
(226362)	15.9	227.30394	318.24378	228.21113	10.62450	0.1297912	2.6301809164780	(226414)	14.9	67.65614	145.71340	184.86170	10.24274	0.2312430	3.1483493164796
(226363)	15.6	142.05396	38.89732	209.83139	8.38651	0.2540067	2.7706160164780	(226415)	15.5	292.33009	300.72412	191.41803	11.13667	0.0763371	3.0748020164796
(226364)	16.2	97.24716	214.29792	97.80068	3.99371	0.0622265	2.7054140164781	(226416)	14.8	27.59324	173.91900	238.60289	13.40038	0.1015662	3.0432202164796
(226365)	16.1	234.84552	339.05698	224.26072	11.65432	0.2164991	2.5715086164781	(226417)	15.2	347.39197	94.97286	345.36492	3.57301	0.1707705	3.0543016164797
(226366)	15.7	246.66717	75.44687	127.38745	5.27455	0.1293995	2.5650326164781	(226418)	15.2	56.06185	5.67245	349.72749	10.56175	0.1209495	3.1375101164797
(226367)	12.8	337.80465	203.44652	227.66958	12.76774	0.0668380	5.2425389164782	(226419)	16.4	101.31253	11.50539	294.46996	2.67310	0.2458308	2.9923706164798
(226368)	17.2	276.49134	105.77858	35.95918	4.45688	0.0615397	2.6212972164782	(226420)	15.0	111.12904	101.67332	202.30584	21.49571	0.0707598	3.1171292164798
(226369)	15.3	87.33224	259.13045	57.35080	14.40771	0.1143690	2.7619140164782	(226421)	14.8	31.49863	276.54045	112.63788	17.63978	0.2186683	3.0895849164798
(226370)	15.9	355.53872	230.06042	213.21621	14.55515	0.0883683	2.5745066164783	(226422)	15.8	47.68552	7.00420	2.28834	7.74303	0.0305124	3.2048251164798
(226371)	15.6	104.17141	201.92054	90.69249	8.02789	0.2430293	2.7992147164783	(226423)	15.4	71.33224	95.83823	251.23135	8.94787	0.1237143	2.9926248164799
(226372)	16.0	220.31708	145.83032	72.00761	10.65103	0.0773855	2.5848707164783	(226424)	14.9	21.81042	214.93657	171.22248	9.60159	0.0593021	3.0952170164799
(226373)	16.2	204.03720	79.32125	149.18161	6.18953	0.2192273	2.6302214164783	(226425)	16.2	18.03287	129.30018	267.61938	1.39434	0.0984097	3.062988164799
(226374)	16.5	217.19806	177.24301	42.99450	5.24364	0.2111618	2.5841379164784	(226426)	15.3	136.52515	281.66646	357.11558	8.92246	0.0278837	3.1202080164799
(226375)	17.3	287.34268	289.41488	221.95227	20.41451	0.1082675	1.8701093164784	(226427)	15.7	315.20619	310.91268	180.49882	9.02235	0.1473628	2.9621806164800
(226376)	16.9	243.31222	133.88698	50.59393	1.91008	0.0782638	2.5804313164785	(226428)	15.0	309.55410	119.13366	346.57895	10.23359	0.0597575	3.0952741164800
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(226378)	15.6	96.90965	239.69527	85.18248	11.62519	0.0708767	2.6688546164785	(226430)	15.5	57.03119	163.30605	191.06607	16.97413	0.2015257	3.0630657164800
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(226643)	16.4	126.72622	248.71294	48.51248	4.34919	0.1611950	2.3315190164864	(226695)	16.8	100.83111	72.34783	220.91629	9.83022	0.1866457	2.5356113164879
(226644)	16.3	74.40694	119.76518	186.41418	11.32183	0.3039481	2.5509101164864	(226696)	16.4	163.09260	218.65698	36.65968	6.79028	0.1607914	2.4268914164879
(226645)	17.4	134.45286	279.40557	3.77220	4.03880	0.1353324	2.3519457164865	(226697)	16.3	96.67644	188.09125	103.37504	6.24056	0.1778937	2.5438813164880
(226646)	16.6	138.45199	223.28233	63.29687	7.84819	0.1271308	2.3421836164865	(226698)	16.4	223.23454	324.63418	265.10819	5.78217	0.1200550	2.3173893164880
(226647)	18.0	261.81960	215.10232	334.53814	0.80388	0.1658894	2.2344042164865	(226699)	15.4	95.24382	207.96801	84.75449	15.09625	0.2426849	2.6433309164880
(226648)	16.2	142.91335	81.04956	209.09837	5.74324	0.1237953	2.3199932164866	(226700)	15.8	113.32579	203.52332	84.67503	9.17047	0.1970404	2.5900826164881
(226649)	17.5	245.84080	325.51037	222.77602	2.13910	0.1083160	2.2739520164866	(226701)	17.5	193.67368	247.43147	6.49627	2.76389	0.1610707	2.4130683164881
(226650)	17.0	278.67357	294.60544	211.22675	4.70756	0.1037734	2.3028747164866	(226702)	15.8	54.81680	55.67853	285.97762	6.10939	0.2429962	2.7916691164881
(226651)	16.6	155.57085	213.25127	32.46000	9.70947	0.2089340	2.4453984164866	(226703)	16.4	105.56007	76.82873	234.81338	1.41526	0.1740165	2.5731440164882
(226652)	16.4	210.27518	350.57717	224.50259	4.28927	0.1759159	2.3369515164867	(226704)	15.7	88.27301	164.41378	137.52758	15.34550	0.1109868	2.7038576164882
(226653)	17.0	225.96911	271.36315	295.53210	2.41831	0.1069736	2.2903616164867	(226705)	15.9	181.16245	27.69721	191.75670	5.05917	0.2035085	2.5393047164882
(226654)	16.4	164.91171	293.63323	314.63437	4.06218	0.1949254	2.3945348164867	(226706)	15.7	71.19018	147.60206	174.07977	8.02315	0.2722305	2.7637761164882
(226655)	17.3	291.19465	127.31749	8.39652	1.77737	0.0503893	2.2801166164868	(226707)	16.9	152.69564	86.59293	177.28405	1.76708	0.1901381	2.5329722164883
(226656)	16.0	119.38921	85.35053	223.06318	5.80300	0.1523245	2.3270823164868	(226708)	16.2	140.31894	153.08123	126.87816	7.19986	0.0889093	2.5423938164883
(226657)	17.0	209.86353	236.10552	344.25448	2.12682	0.1084875	2.3036969164868	(226709)	16.2	104.09773	180.31166	121.25833	4.69781	0.1872467	2.6128087164883
(226658)	17.2	0.48925	79.48820	2.17684	4.95063	0.1042724	2.2255387164869	(226710)	15.4	51.09423	268.37183	91.23075	13.99118	0.2252697	2.7104597164884
(226659)	17.2	64.71353	271.32974	76.72214	7.14388	0.1310634	2.3582713164869	(226711)	17.0	54.84992	280.09665	47.19465	7.63104	0.3005357	2.7783611164884
(226660)	16.4	233.33988	122.75200	84.01795	7.07079	0.0707116	2.3164979164869	(226712)	16.4	126.74815	225.85169	62.89973	5.80806	0.2050761	2.5980098164884
(226661)	16.3	206.83330	22.40556	213.22253	9.16430	0.1653531	2.2597306164869	(226713)	16.4	40.91362	139.54303	249.50816	4.18972	0.1641072	2.6766460164884
(226662)	16.6	188.55793	281.45591	322.14376	5.90624	0.0846526	2.3260740164870	(226714)	16.3	69.85530	241.18336	111.03474	3.58899	0.1377755	2.6523346164885
(226663)	16.0	123.29004	44.83003	261.04604	6.45277	0.1241522	2.3657641164870	(226715)	16.0	58.70506	353.97752	346.96133	9.32582	0.1468190	2.7622824164885
(226664)	17.3	209.88003	160.96194	59.28529	3.84740	0.1724103	2.3277570164870	(226716)	15.5	71.86268	6.19436	342.60655	9.04308	0.1287003	2.6756825164885
(226665)	17.4	150.86421	20.35792	235.14814	1.54954	0.1843739	2.4286624164871	(226717)	16.0	68.00266	178.36530	136.88237	10.97602	0.1862478	2.7459740164886
(226666)	16.3	325.29609	288.58300	203.64681	21.45801	0.2194523	2.2189751164871	(226718)	16.3	58.08409	23.74333	325.05729	2.23761	0.1951119	2.7136253164886
(226667)	16.1	162.98476	21.60965	241.50579	8.31754	0.1856230	2.3901385164871	(226719)	16.1	38.59116	237.17086	145.62128	14.02290	0.2072187	2.7147810164886
(226668)	17.1	141.98167	298.32237	334.95840	2.47541	0.1459782	2.3633480164872	(226720)	16.1	44.48755	162.53266	203.99703	5.30325	0.0417318	2.6754947164887
(226669)	17.6	151.79090	215.80236	55.89523	2.34350	0.0965747	2.3578309164872	(226721)	15.8	55.29971	188.29239	169.34948	4.25511	0.1130467	2.7169693164887
(226670)	17.5	341.67587	228.46976	237.81621	2.70007	0.1340907	2.2241713164872	(226722)	16.0	92.68737	231.57372	82.03016	3.39812	0.2039313	2.6638284164887
(226671)	18.1	162.44783	139.60705	121.15260	0.82463	0.0365454	2.3748857164872	(226723)	15.5	64.23333	240.21740	95.87549	5.90737	0.1223425	2.7410773164888
(226672)	15.7	72.90921	313.76340	45.34720	7.64289	0.1729009	2.3581979164873	(226724)	16.0	47.71714	264.93224	86.95034	14.49428	0.1172491	2.6919367164888
(226673)	17.2	232.32004	285.30426	282.78637	3.63139	0.1704866	2.2920115164873	(226725)	15.6	50.41158	335.77826	11.10598	6.51506	0.1440670	2.7665564164888
(226674)	17.4	260.44865	155.55170	12.40114	3.89472	0.1005298	2.3053166164873	(226726)	15.8	41.10264	86.16263	273.14701	5.33901	0.1364182	2.7582432164888
(226675)	16.4	274.54124	312.91864	212.88349	5.32364	0.0319621	2.3252472164874	(226727)	15.5	124.41744	42.92719	239.22845	10.77913	0.1708487	2.6129992164889
(226676)	16.6	247.19909	110.62795	79.08309	6.08383	0.1022389	2.3215130164874	(226728)	15.6	138.88207	351.76476	288.57054	14.07648	0.0891271	2.6197817164889
(226677)	17.2	224.54688	67.05284	146.74956	3.69271	0.1578722	2.3302201164874	(226729)	15.6	335.89530	218.57491	258.38319	12.27097	0.0229429	2.5375757164889
(226678)	16.6	199.97053	185.15339	78.74690	7.55539	0.0826100	2.2901595164875	(226730)	15.9	42.70277	258.18934	115.70435	17.37745	0.2622772	2.7250136164889
(226679)	16.7	221.59887	187.11776	14.08908	2.48986	0.1692686	2.3460296164875	(226731)	15.9	81.53587	245.14802	80.01585	7.79929	0.2490833	2.7061775164890
(226680)	15.9	258.22088	333.27271	224.62280	23.50208	0.1589819	2.3006192164875	(226732)	15.7	94.76486	218.89202	91.10205	6.27782	0.1834249	2.6763331164890
(226681)	16.8	354.84998	22.32117	61.27970	7.98806	0.1096559	2.2475129164875	(226733)	16.4	115.00663	237.82546	32.09573	12.67220	0.3459255	2.6421000164890
(226682)	17.4	250.73075	302.30624	243.70920	0.19101	0.1501959	2.2922796164876	(226734)	16.3	38.22529	192.06707	164.25951	2.56548	0.1600416	2.7707977164891
(226683)	16.4	264.81571	283.86642	248.33599	5.17429	0.1328714	2.2996357164876	(226735)	16.1	19.35397	28.12724	8.45297	6.85130	0.3114734	2.7923562164891
(226684)	17.3	331.29280	193.38688	218.90724	6.04242	0.1194386	2.4637701164876	(226736)	15.5	67.71115	243.86948	101.80836	10.82631	0.093369	2.7099145164891
(226685)	17.0	177.16026	173.97453	42.75691	2.93303	0.1691566	2.4442243164876	(226737)	16.9	57.72495	179.06725	157.66241	3.82668	0.1076164	2.7694127164892
(226686)	16.6	339.72768	45.46930	42.31370	6.73055	0.0739013	2.3594096164877	(226738)	15.1	20.31987	171.96551	305.25674	26.14024	0.2163039	2.5663110164892
(226687)	16.7	298.33453	91.39845	56.09585	7.69985	0.1169612	2.2966001164877	(226739)	15.1	358.36950	188.35873	270.26626	21.51017	0.0620327	2.6120531164892
(226688)	17.1	161.68384	201.35793	67.22809	3.19692	0.1587016	2.4032749164877	(226740)	15.9	6.95560	326.90581	90.65399	7.35901	0.0401869	2.7114564164893
(226689)	16.6	189.25856	320.64411	275.44276	5.82459	0.0697951	2.3835899164877	(226741)	15.7	107.35432	292.59412	13.31744	13.43070	0.1687014	2.6917475164893
(226690)	16.4	133.07415	42.46551	199.58626	4.10667	0.1941251	2.5604523164878	(226742)	16.1	46.28655	98.17419	269.13436	2.71041	0.1134282	2.7155809164893
(226691)	13.0	1.56185	353.07166	41.31666	16.64882	0.1203850	5.2599086164878	(226743)	16.0	89.22937	260.52290	66.43064	5.39506	0.0955305	2.7006784164893
(226692)	16.8	158.46559	28.03154	227.94849	1.46856	0.1800089	2.4530907164878	(226744)	16.0	357.52571	195.75859	228.89804	6.05537	0.1296253	2.7366602164894
(226693)	16.7	124.39001	190.94263	89.97300	3.96646	0.1794278	2.4658047164879	(226745)	16.1	105.16566	301.64423	15.98114	2.89012	0.1168619	2.6562870164894
(226694)	17.0	190.69048	119.01256	105.59468	2.73770	0.1263164	2.3961654164879	(226746)	15.3	13.46888	0.10863	354.97356	12.48503	0.1089061	2.9403147164894

(226747)	16.3	106.57659	319.76956	345.46401	2.78550	0.0772807	2.6737447164895	(226799)	16.7	100.30826	289.15106	21.63470	3.98609	0.0873673	2.8077502164911
(226748)	16.5	5.72126	302.23734	128.62481	3.90100	0.1302866	2.6588868164895	(226800)	15.8	62.06251	161.35394	212.24194	5.74061	0.0637554	2.6899009164911
(226749)	16.7	60.06565	8.09496	328.43713	4.06915	0.1553209	2.7644470164896	(226801)	15.8	10.24353	13.18991	46.71472	10.43291	0.1447488	2.7845780164912
(226750)	16.2	353.60540	101.33895	326.59955	8.22794	0.2091885	2.7638590164896	(226802)	15.0	47.89571	93.02855	249.33835	11.54481	0.1691230	2.8045100164912
(226751)	16.2	32.04019	232.54875	154.68060	3.97587	0.2024162	2.7386819164896	(226803)	15.9	96.58189	76.51774	236.97291	11.64112	0.2767191	2.6931767164912
(226752)	15.3	85.99895	225.50723	93.10422	10.62426	0.1206691	2.7350475164896	(226804)	15.4	320.58607	213.08846	264.11345	14.27197	0.1285392	2.7374251164913
(226753)	16.5	24.35538	19.02020	3.62189	4.68744	0.1296619	2.7886637164897	(226805)	14.9	142.21593	66.84260	218.01488	24.57059	0.0642277	2.7086636164913
(226754)	16.3	66.14803	162.93943	168.38109	8.70189	0.2214263	2.7754530164897	(226806)	15.0	68.46099	126.54003	233.39068	13.33326	0.1346895	2.7308614164913
(226755)	16.6	44.54864	329.30869	70.11613	2.70788	0.0968305	2.6516513164897	(226807)	15.8	134.20356	55.04763	238.09183	12.01542	0.1814612	2.6649731164914
(226756)	16.4	130.15989	309.93915	339.84992	3.29997	0.1165478	2.6662289164898	(226808)	15.3	28.12349	164.09682	238.98412	12.63793	0.1186275	2.7610291164914
(226757)	16.1	45.49126	184.42400	173.33423	4.52921	0.2056141	2.7941988164898	(226809)	16.1	59.30996	166.26199	219.06085	2.38284	0.0784193	2.6809834164914
(226758)	15.6	36.69244	34.67123	352.20702	5.00438	0.1276140	2.7345709164898	(226810)	15.9	91.32945	80.21093	183.07894	10.10746	0.0236181	3.0997591164915
(226759)	16.4	38.28256	335.61608	29.12663	4.33538	0.1130926	2.8157885164899	(226811)	16.4	36.79153	15.28063	4.33232	4.17172	0.1367923	2.7632185164915
(226760)	15.1	197.82320	226.85117	355.79459	11.39214	0.1339481	2.6755708164899	(226812)	15.9	307.93055	165.77760	250.47629	1.73507	0.0597349	3.1156237164915
(226761)	16.4	92.81934	323.35896	17.22072	3.73724	0.1018488	2.6628472164900	(226813)	15.9	69.63791	32.60397	318.93367	3.51538	0.0849022	2.7916440164915
(226762)	15.8	47.16855	247.37465	134.20148	5.65762	0.1476048	2.7464652164900	(226814)	15.9	63.40804	6.86190	335.11965	1.31672	0.0757730	2.8622948164916
(226763)	16.1	53.59321	311.31523	56.56970	3.94572	0.1774239	2.7550066164900	(226815)	16.6	347.89629	79.61330	345.12988	1.44417	0.0516642	2.8745957164916
(226764)	16.8	110.49285	50.56364	271.18117	0.96690	0.0954361	2.6228184164900	(226816)	15.8	54.48616	165.39819	184.71885	21.33893	0.1365230	2.7995902164916
(226765)	15.2	9.44339	160.84545	219.58753	8.32655	0.1655177	2.7918098164901	(226817)	16.7	87.25143	120.83274	189.32876	4.09541	0.0552716	2.8011289164916
(226766)	16.0	8.57012	148.93049	255.71954	3.55971	0.0519921	2.7336278164901	(226818)	16.6	19.40218	21.29730	10.24470	6.36466	0.0428645	2.7671660164917
(226767)	16.0	13.78840	229.36636	196.73206	5.00344	0.1212669	2.6720534164901	(226819)	16.1	81.43317	267.54977	65.55874	5.91604	0.0624890	2.7234062164917
(226768)	15.6	325.84845	285.97954	176.42639	9.27449	0.1227169	2.7636429164902	(226820)	15.4	55.67795	310.49012	52.05250	8.07937	0.2179807	2.7426315164917
(226769)	16.5	126.87524	73.47527	190.44261	3.28240	0.1549167	2.7402967164902	(226821)	16.4	26.73998	176.96197	207.83772	3.91898	0.0852811	2.7800276164918
(226770)	16.7	252.05885	193.22541	318.43776	2.35121	0.0303758	2.7631479164902	(226822)	16.4	74.43127	302.19392	18.31452	4.52745	0.0661956	2.8124888164918
(226771)	15.4	48.25365	266.80366	88.23951	5.40479	0.0814944	2.7948387164902	(226823)	16.4	84.93458	92.98370	255.08043	5.08776	0.0406832	2.6892081164918
(226772)	17.0	156.34495	111.21260	155.60203	6.81121	0.0629602	2.6444655164903	(226824)	15.2	20.48241	308.58420	29.56967	7.62720	0.1949828	3.0946888164918
(226773)	15.8	286.02922	159.21185	358.01327	8.10514	0.1275572	2.5916601164903	(226825)	16.1	335.81543	203.58782	194.96020	3.75188	0.1089812	2.9920476164919
(226774)	16.8	100.75510	347.07103	325.90912	4.55632	0.0550521	2.7103778164903	(226826)	15.5	71.96355	321.86847	66.22481	10.15436	0.2139331	2.7117725164919
(226775)	16.8	342.85404	22.32301	50.99509	3.22105	0.0681673	2.7425224164903	(226827)	15.7	37.71168	308.70124	69.00238	10.42512	0.1724298	2.7427552164919
(226776)	15.9	73.36004	54.32760	282.87282	12.88044	0.1156082	2.7175152164903	(226828)	15.1	314.59248	84.94760	314.13447	4.39024	0.1494968	3.1742400164920
(226777)	16.4	306.11408	263.81060	197.90918	4.92775	0.0149912	2.7544289164904	(226829)	15.2	11.00464	165.84216	279.27450	8.26138	0.2821533	2.7648426164920
(226778)	15.5	280.29921	100.04493	349.95426	8.54997	0.0753795	2.9908461164904	(226830)	16.1	16.06285	264.36327	128.14111	4.95663	0.0932577	2.7876766164920
(226779)	15.3	20.67954	278.86146	128.40004	4.46698	0.0933770	2.7747315164904	(226831)	15.3	0.66873	185.84897	258.51248	8.07677	0.0655930	2.7148466164921
(226780)	15.9	60.52737	150.51029	202.43085	12.88872	0.1818516	2.7125251164905	(226832)	15.5	18.62787	259.06135	150.72579	13.59108	0.1802211	2.7522705164921
(226781)	16.9	23.85604	240.09975	160.76175	5.03627	0.1180026	2.7214442164905	(226833)	15.7	67.56141	225.63476	122.36565	8.69493	0.1019625	2.7186273164921
(226782)	15.9	66.61021	315.76689	27.47456	6.20794	0.1030099	2.7730984164905	(226834)	17.0	98.04029	57.17059	268.51169	2.58822	0.0319983	2.7962737164922
(226783)	15.3	19.86069	214.10389	201.63448	14.13858	0.1724155	2.7174666164905	(226835)	16.4	106.52643	103.43972	209.37426	4.76422	0.0557940	2.7952533164922
(226784)	15.7	80.41825	116.50685	211.60308	7.68242	0.0930774	2.7441350164906	(226836)	16.0	44.57909	309.72356	58.82439	4.96471	0.0844893	2.7611939164922
(226785)	15.4	39.83911	74.05340	288.94932	8.32131	0.1540661	2.8340914164906	(226837)	15.4	85.77862	210.08752	96.86544	9.33766	0.2187540	2.7797637164922
(226786)	16.0	338.83630	116.76251	321.81201	5.98945	0.0379434	2.7362747164907	(226838)	15.5	8.82404	142.93871	289.03656	8.15476	0.1399169	2.7588255164923
(226787)	16.5	1.47023	244.13535	177.07871	9.77889	0.1622071	2.7463265164907	(226839)	16.7	129.57654	74.93885	226.72835	5.52219	0.0217620	2.7670566164923
(226788)	15.7	104.65424	287.81579	7.58637	7.33608	0.2175214	2.7950449164907	(226840)	16.5	278.53651	95.90745	36.02278	2.20901	0.0170474	2.8824285164923
(226789)	15.8	165.82858	0.92972	230.49113	4.47521	0.0310962	2.7691852164907	(226841)	16.4	140.64540	62.15385	192.32610	6.99587	0.0923991	2.9060393164923
(226790)	15.4	60.81577	142.71575	199.09857	12.60611	0.2018738	2.7469752164908	(226842)	15.7	95.03288	298.73300	24.13503	4.34868	0.2097993	2.7665238164924
(226791)	15.6	60.64492	70.26769	284.27914	8.60182	0.1123222	2.7342462164908	(226843)	16.2	49.30004	136.15202	187.80098	2.30163	0.1848095	2.9369267164924
(226792)	15.5	109.13821	18.50657	280.63550	4.36518	0.0958823	2.7317845164909	(226844)	15.6	22.72711	12.47186	28.97782	6.47930	0.0809370	2.7979933164924
(226793)	15.6	48.60823	182.34720	195.32455	13.80031	0.1050954	2.7267865164909	(226845)	15.9	91.40231	311.07420	32.44300	5.86650	0.0859996	2.7187421164924
(226794)	15.6	33.37447	192.51904	187.79432	13.91355	0.1955281	2.8025995164909	(226846)	16.3	22.82385	135.33110	282.43476	1.82302	0.1382164	2.7259912164925
(226795)	15.1	51.85973	50.35609	313.21111	10.49577	0.1406948	2.7758080164909	(226847)	15.4	25.68088	195.33646	200.36635	13.84056	0.0283411	2.7754103164925
(226796)	15.1	93.56445	57.32106	259.71270	7.07291	0.1170650	2.7624306164910	(226848)	16.5	358.10814	38.95697	338.33853	1.47497	0.2476612	3.0331098164925
(226797)	15.2	35.25865	145.72489	262.70716	7.89979	0.1452398	2.7393600164910	(226849)	15.9	19.83577	69.44763	330.50624	3.57581	0.0691581	2.7804354164926
(226798)	15.5	340.16753	105.82644	349.30235	8.35513	0.0942561	2.7812633164911	(226850)	16.1	56.22350	115.93252	234.18913	4.92627	0.0760894	2.8546672164926

(226851)	16.0	90.30791	296.31003	25.11595	3.84813	0.0950555	2.8052216164926	(226903)	15.5	57.82458	325.95660	43.60991	6.99799	0.0854571	2.7760035164941
(226852)	16.3	58.54449	201.48429	146.46354	5.03002	0.1001043	2.7843887164927	(226904)	14.7	55.90767	9.48475	19.92895	15.68120	0.1358863	2.8511486164941
(226853)	16.8	45.59742	334.26611	10.52113	2.85425	0.1558987	2.8828798164927	(226905)	15.5	156.95068	251.72281	11.60847	9.27399	0.1243351	2.7426921164941
(226854)	15.9	275.43266	261.79813	202.76943	3.76867	0.1722411	3.1769649164927	(226906)	17.0	114.00884	290.70967	24.81042	4.73018	0.0370703	2.7401938164941
(226855)	16.3	340.71517	253.50116	199.83146	4.46436	0.1262615	2.7983887164927	(226907)	16.9	189.81516	84.93175	155.33579	2.57929	0.0160082	2.7465631164942
(226856)	16.0	359.38930	57.62200	18.63080	4.84845	0.1035480	2.7430800164928	(226908)	16.6	178.24887	188.84562	63.72248	2.21729	0.0398809	2.7325492164942
(226857)	16.0	48.18597	189.47607	178.22772	2.24707	0.0948584	2.7757562164928	(226909)	16.6	85.33123	355.75215	335.89222	1.75888	0.1488527	2.8031917164942
(226858)	15.0	7.51055	331.18910	46.03762	10.73808	0.2327977	3.0909837164928	(226910)	16.6	76.50381	125.32211	230.04428	3.41022	0.1192474	2.7640591164942
(226859)	16.1	53.47792	264.50070	115.17435	2.49609	0.0850007	2.7332451164929	(226911)	16.5	153.13813	156.68088	122.15638	0.47194	0.0351848	2.7727521164943
(226860)	15.8	305.44881	72.63871	15.22259	4.77346	0.2258203	3.1330078164929	(226912)	16.7	302.80291	321.45926	153.06704	2.46954	0.0473412	2.8838182164943
(226861)	15.9	72.42578	113.49625	270.57625	5.08634	0.1428250	2.7046304164929	(226913)	15.8	140.12080	231.94597	36.17974	13.27899	0.0340955	2.9972677164943
(226862)	16.0	82.76452	308.09124	24.98753	6.15138	0.0689641	2.8094353164930	(226914)	15.8	139.88040	26.19214	272.15166	3.31198	0.0910277	2.8099540164943
(226863)	15.7	113.98404	86.48336	193.96642	8.61477	0.0652053	2.9077886164930	(226915)	16.7	48.80346	306.60278	60.39950	2.17056	0.0900896	2.9205302164944
(226864)	15.9	91.73681	301.94616	29.33761	6.77615	0.0765360	2.7774339164930	(226916)	16.2	95.40018	258.73537	72.10920	3.07262	0.0708667	2.8680240164944
(226865)	16.7	188.65158	233.56452	18.49262	2.02314	0.0249424	2.6996869164930	(226917)	16.0	20.18627	43.57422	38.02031	3.78447	0.1719098	2.7421161164944
(226866)	15.9	76.23499	254.44103	88.46000	4.34862	0.1747257	2.7867379164931	(226918)	15.9	65.57265	359.34077	351.01845	7.55335	0.0492167	2.7900230164944
(226867)	16.3	1.30007	221.02964	223.22142	3.24283	0.0729122	2.7703984164931	(226919)	16.3	13.45223	16.66531	16.65738	6.67653	0.0715885	2.8531910164945
(226868)	16.3	195.59858	36.71950	170.06316	2.24775	0.0430396	2.9425171164931	(226920)	15.1	39.70165	315.70643	73.30622	9.08786	0.2292600	2.7902373164945
(226869)	16.6	74.80263	357.27528	343.96869	3.90149	0.0769151	2.7823311164931	(226921)	16.6	114.84019	64.80623	219.87578	1.35789	0.0343893	2.8535793164945
(226870)	16.2	40.83649	143.03080	223.27366	1.20039	0.0987726	2.8364900164932	(226922)	16.7	38.24420	151.27545	235.06274	1.13871	0.0772174	2.8395661164945
(226871)	16.6	91.55810	276.88448	29.42855	2.21790	0.0394569	2.9436071164932	(226923)	15.3	58.14694	117.81169	247.95345	11.79204	0.1929400	2.7816431164946
(226872)	15.4	3.19996	185.26255	204.14511	11.63188	0.1772175	3.0218838164932	(226924)	16.1	115.80570	276.56900	14.50963	3.92720	0.0738726	2.8175197164946
(226873)	16.1	11.95991	46.30019	6.91763	5.99125	0.0162276	2.7753494164933	(226925)	16.8	16.19581	131.26877	284.29442	2.49439	0.0643327	2.7638451164946
(226874)	16.4	208.03029	18.38454	215.26600	6.12908	0.0309888	2.6843071164933	(226926)	16.6	57.46772	179.15194	201.39328	5.16982	0.0554986	2.7151714164947
(226875)	16.1	48.86899	171.32131	207.23019	4.85712	0.0680036	2.7547302164933	(226927)	16.6	39.71297	165.06432	260.93694	2.52972	0.1569783	2.7211407164947
(226876)	16.7	359.49977	82.24923	334.91547	0.91183	0.1454231	2.8529784164933	(226928)	15.5	78.57640	115.52831	226.43651	5.53748	0.1067413	2.8636148164947
(226877)	16.2	31.02737	156.37166	227.22419	1.18311	0.0759258	2.8637868164934	(226929)	15.9	65.80837	125.23655	217.48357	4.59673	0.0778321	2.7658301164947
(226878)	16.2	63.47973	155.82099	206.13222	5.44578	0.0894131	2.7891317164934	(226930)	16.3	72.24118	144.74971	216.63191	5.53417	0.0388312	2.7255336164948
(226879)	16.5	166.57094	232.67075	42.04634	2.55676	0.2044459	2.6401563164934	(226931)	15.8	282.20732	137.38733	31.75467	2.78368	0.0769536	2.8082262164948
(226880)	15.8	22.22333	263.87273	137.00852	4.47924	0.0964751	2.7981930164934	(226932)	15.7	86.63910	260.51454	64.82742	4.61622	0.0985965	2.8070390164948
(226881)	15.5	345.33552	189.78864	184.77333	10.92513	0.1155052	3.1407874164935	(226933)	15.5	42.18251	342.68409	50.22802	5.92594	0.1664320	2.7851625164948
(226882)	16.5	19.95202	283.59007	138.80910	3.50440	0.0800505	2.7235132164935	(226934)	16.8	86.67322	289.08036	38.10303	4.11920	0.0967809	2.7984882164949
(226883)	16.0	71.28930	113.25558	220.21085	3.22729	0.1057926	2.7966896164935	(226935)	16.8	324.90456	258.15410	191.80480	1.62447	0.0330412	2.8597934164949
(226884)	15.6	117.88269	237.96603	68.68535	6.41455	0.1123526	2.7161720164935	(226936)	16.0	113.46959	51.59805	253.80129	7.30898	0.1289760	2.7656539164949
(226885)	16.1	64.02921	330.13198	9.44613	3.94871	0.1097753	2.8048953164936	(226937)	15.2	319.39376	113.76804	343.48924	11.28533	0.1280684	2.9627184164949
(226886)	15.7	85.31200	284.39464	71.69510	7.76992	0.0992979	2.6887723164936	(226938)	16.5	289.29758	122.42580	15.49535	6.22715	0.0055883	2.7788140164950
(226887)	14.8	47.99060	280.93755	47.49237	20.21693	0.2038776	3.0438310164936	(226939)	15.0	53.48310	67.17062	275.28590	9.25563	0.0908129	2.9669755164950
(226888)	15.9	28.99050	330.88847	73.88596	3.23008	0.0847152	2.8490344164936	(226940)	15.2	69.87691	94.83047	220.28126	10.70941	0.1417387	2.9592753164950
(226889)	16.2	126.21401	254.29624	47.13389	3.57183	0.0707381	2.6971843164937	(226941)	16.8	216.28314	54.79764	157.25083	1.47248	0.0478349	2.6489224164951
(226890)	15.8	16.84222	333.54561	46.71381	11.44621	0.1344117	2.9035452164937	(226942)	15.9	264.43385	283.12336	213.09626	3.53402	0.0203374	3.0355740164951
(226891)	15.9	330.12548	192.18385	271.30575	3.63270	0.0848235	2.7667675164937	(226943)	16.3	75.93471	250.57530	61.16443	1.98505	0.1470019	3.0101425164951
(226892)	16.1	35.51569	331.16738	42.07410	2.20750	0.0229362	2.9065204164938	(226944)	15.0	338.87002	64.31544	53.32264	12.91846	0.1172793	2.8115799164951
(226893)	15.2	23.71187	358.66824	18.65807	10.50037	0.1215659	2.9739980164938	(226945)	15.5	340.68679	5.97347	65.16920	10.77877	0.1215078	2.8843928164952
(226894)	16.3	26.34374	92.71871	292.66997	2.06395	0.1429303	2.9175021164938	(226946)	15.6	83.99614	270.86525	55.17545	13.56800	0.1962364	2.7717359164952
(226895)	16.0	35.81388	350.69546	32.98161	11.16046	0.1322542	2.8768054164938	(226947)	16.5	40.93159	261.98658	125.31168	4.14143	0.1105456	2.7823647164952
(226896)	15.9	79.76578	107.71203	241.40024	4.13040	0.0677114	2.7571789164939	(226948)	15.3	95.88853	70.19449	320.32066	9.19450	0.0801851	2.6584746164953
(226897)	16.8	105.26932	296.74417	4.09799	1.54182	0.0616399	2.8420388164939	(226949)	16.7	162.00303	48.72304	211.93598	5.76294	0.0152025	2.8675853164953
(226898)	16.7	97.76084	98.43666	214.14097	0.76843	0.0787133	2.8165757164939	(226950)	15.6	79.74912	94.28539	313.48246	14.00861	0.0966902	2.5838095164953
(226899)	16.2	17.85288	229.08270	183.18089	5.21210	0.0591767	2.7756485164939	(226951)	15.8	342.45101	314.27232	112.86025	6.52331	0.1424339	3.0384377164954
(226900)	16.7	10.44227	281.09337	138.27044	1.82892	0.0356623	2.7748153164940	(226952)	15.6	326.38862	48.64629	46.33413	10.91604	0.0897932	2.9168305164954
(226901)	16.7	45.43945	156.44440	219.25292	4.14310	0.0905920	2.7639865164940	(226953)	15.8	140.68086	33.04081	232.80218	13.84806	0.2360626	2.9318648164954
(226902)	15.8	13.12202	315.56288	90.38239	3.30966	0.0549483	2.8267440164940	(226954)	16.1	269.61014	86.14747	58.68809	12.15206	0.0958912	3.0269362164954

(226955)	16.5	354.17129	187.02964	223.39060	7.59687	0.0408106	3.0133538164955	(227007)	14.8	272.55881	62.17617	106.53381	12.15074	0.0543879	3.1154537164969
(226956)	15.7	292.74654	263.56829	211.56985	8.37261	0.1028475	3.0674056164955	(227008)	15.8	64.08813	1.20768	328.28505	4.86035	0.1221295	3.1608674164970
(226957)	15.2	253.18985	81.27594	65.65801	11.38276	0.0761142	3.0782152164955	(227009)	14.6	310.09210	196.68415	283.27672	15.07124	0.0710464	3.1408730164970
(226958)	14.8	30.37711	58.45748	341.10947	4.92155	0.1234103	2.9093413164955	(227010)	15.3	307.16557	139.33682	346.81432	16.59118	0.2090793	3.0778802164970
(226959)	15.0	314.71079	32.90703	73.21431	15.66594	0.0480682	3.0159844164956	(227011)	15.3	339.58570	48.67528	53.34954	18.13879	0.1737827	3.0742276164970
(226960)	16.4	356.29766	337.74724	71.17410	6.43814	0.0565898	2.9899195164956	(227012)	14.9	286.30269	95.45339	67.09535	11.49933	0.1541671	3.1144213164971
(226961)	15.5	292.82373	76.44049	59.31689	4.19985	0.0929695	2.9741643164956	(227013)	15.5	49.22327	313.11813	88.63113	10.91079	0.2094961	2.7468530164971
(226962)	16.1	42.14639	326.43481	85.04355	6.12545	0.1576029	2.7597059164957	(227014)	15.1	359.46873	138.61441	291.38006	6.83451	0.0337541	2.9348637164971
(226963)	15.7	76.86287	296.72098	45.36834	10.38023	0.0965652	2.8677561164957	(227015)	15.1	1.87939	35.30146	21.49307	4.09729	0.1226867	3.0545230164972
(226964)	16.2	176.69065	177.91641	45.33455	3.40810	0.0386868	3.0532415164957	(227016)	15.3	64.13965	280.97928	59.52133	12.56999	0.1355629	3.0643933164972
(226965)	16.1	229.75282	140.55708	31.55185	8.97858	0.0358053	3.0644273164957	(227017)	14.7	13.54344	29.60136	48.87148	13.96322	0.1219415	2.9628415164972
(226966)	16.3	145.08199	216.20477	67.89733	3.91995	0.0562278	2.9256366164958	(227018)	15.6	4.70321	17.81768	17.57810	5.28952	0.1262293	3.1161192164973
(226967)	15.9	100.04387	317.27873	6.25432	5.52853	0.1361826	2.9015018164958	(227019)	16.0	317.83576	68.67758	51.32651	2.09288	0.1378977	3.1143018164973
(226968)	15.9	129.59011	257.29310	45.75929	5.02793	0.0523890	2.7997206164958	(227020)	15.3	302.64253	83.54819	104.63710	14.70246	0.1040205	2.8468945164973
(226969)	17.0	3.10660	207.09580	223.73054	7.69825	0.1492885	2.8627136164958	(227021)	14.9	201.95262	138.35164	85.29005	6.29940	0.1297040	3.1785327164974
(226970)	15.2	26.48614	46.48818	352.11718	11.56438	0.0613682	2.9419244164958	(227022)	16.0	164.00165	215.86533	47.45213	2.54419	0.0135551	3.1779149164974
(226971)	15.1	318.04702	69.57344	38.17229	11.07807	0.0698181	3.0041579164959	(227023)	15.0	338.65207	163.39369	284.58024	11.25020	0.1069637	3.0974579164974
(226972)	15.7	246.05679	113.96496	51.58852	1.90674	0.1042512	3.0821460164959	(227024)	14.7	303.69193	100.57544	54.06214	27.09303	0.1522847	3.1396948164974
(226973)	15.5	354.55168	182.36299	269.26478	8.06418	0.0956250	2.8372640164959	(227025)	16.2	336.53372	200.17005	292.71285	2.56157	0.1057224	2.9432432164975
(226974)	15.0	44.40403	245.29648	118.50218	25.64521	0.0837384	3.0046911164959	(227026)	15.4	20.92175	129.40316	290.05525	7.90919	0.0416570	3.1129894164975
(226975)	16.3	229.92213	278.70381	272.73101	19.30110	0.0746351	1.9205920164960	(227027)	14.6	30.76374	263.57358	101.05361	23.98353	0.1189944	3.1110215164975
(226976)	16.0	26.36351	346.24786	67.83812	2.86581	0.2117989	2.9277808164960	(227028)	16.8	189.07772	284.56453	303.39309	17.26826	0.0621266	1.9432496164975
(226977)	15.1	287.31590	229.71438	255.32365	12.48637	0.1365585	3.1467545164960	(227029)	15.5	330.65810	93.47373	13.71735	3.39011	0.1425992	3.1531371164976
(226978)	15.4	53.29544	120.44498	249.60569	8.36121	0.1382882	2.9634110164961	(227030)	15.3	304.83013	19.49808	116.95279	3.09427	0.0599506	3.0916586164976
(226979)	15.4	338.06633	208.28556	238.56754	5.22657	0.1322045	3.0672661164961	(227031)	15.4	329.53505	137.66496	324.67410	10.41549	0.1816843	3.1248816164976
(226980)	14.9	43.85316	284.25187	88.74604	10.53059	0.0816033	3.0380560164961	(227032)	15.7	49.89417	124.54523	279.93184	7.59234	0.2169509	2.8992010164976
(226981)	15.5	292.11741	86.50917	67.18476	8.75569	0.2254011	3.0561403164962	(227033)	15.8	334.18022	29.21571	71.85010	6.28632	0.1003848	3.1265768164977
(226982)	14.5	337.21022	15.51464	79.88379	12.11953	0.1499095	3.0716140164962	(227034)	16.6	248.47189	58.87695	118.78676	24.95237	0.0219533	1.9153207164977
(226983)	14.6	346.65853	177.29938	277.62931	10.13483	0.0964491	3.0418684164962	(227035)	14.9	341.77450	310.11838	128.10892	8.54310	0.1266759	3.1590178164977
(226984)	15.7	312.25316	34.77070	78.88459	3.94990	0.1144371	3.1529810164963	(227036)	17.0	82.16872	33.47187	298.70429	16.82400	0.0802911	1.9444040164978
(226985)	16.2	21.64324	237.51301	174.95771	12.23898	0.2104284	2.9124487164963	(227037)	15.1	14.61907	316.51735	88.72426	5.97987	0.1374238	3.2098919164978
(226986)	15.4	47.62856	352.61982	76.01257	5.67511	0.0827063	2.7388772164963	(227038)	14.5	209.95801	179.60130	32.60979	13.90617	0.0466819	3.2428785164978
(226987)	15.8	40.90098	336.24803	57.25847	2.80665	0.0576586	2.9169906164963	(227039)	15.9	335.66108	67.88068	32.81689	1.00204	0.1304547	3.1715381164978
(226988)	15.2	185.47633	212.74856	31.58607	5.77828	0.1049372	3.1695005164964	(227040)	15.7	301.47048	104.11998	57.93306	15.38563	0.2385579	3.1128022164979
(226989)	14.8	97.44478	53.43558	261.47903	8.84329	0.0547228	3.0798588164964	(227041)	16.0	347.62731	294.50284	152.88286	6.32351	0.1472842	3.1814593164979
(226990)	14.6	36.11217	279.33961	92.40274	23.75445	0.1506808	3.1787972164964	(227042)	17.3	354.58403	75.90539	0.66534	20.89854	0.0790959	1.9250565164979
(226991)	16.4	92.05600	50.12009	271.06180	18.27819	0.0782883	1.9143370164964	(227043)	14.7	18.21508	280.68767	104.59755	19.49400	0.2366130	3.1986800164979
(226992)	14.9	356.46557	158.26708	277.82215	8.95260	0.0718819	2.9858268164965	(227044)	14.7	10.59539	98.65266	316.56353	15.75875	0.1356269	3.1493889164979
(226993)	13.9	201.00431	307.17061	265.49335	26.32325	0.1051757	3.0455262164965	(227045)	17.5	8.72969	260.19989	146.95387	23.74500	0.0991932	1.9556655164980
(226994)	15.6	332.85810	84.52752	8.23361	3.62428	0.0479004	3.1594480164965	(227046)	15.1	313.09535	127.96756	4.87412	8.33673	0.1663654	3.1723605164980
(226995)	14.6	27.36417	308.40795	88.23364	13.86294	0.2329693	2.9948398164966	(227047)	15.4	335.86696	29.23757	81.20744	5.79248	0.1384009	3.1410236164980
(226996)	14.7	5.76256	313.35861	104.33304	19.02337	0.1522635	3.1328760164966	(227048)	16.0	332.77452	140.20490	331.48035	7.18299	0.2266750	3.1695007164981
(226997)	15.3	46.65407	332.70450	95.56022	5.39973	0.0503269	2.7767380164966	(227049)	15.1	322.80861	271.24864	206.97665	24.42762	0.3131272	3.1747996164981
(226998)	15.5	359.55878	218.05525	219.30635	2.11077	0.1582207	2.9632973164967	(227050)	15.5	308.35850	121.56543	59.96140	4.50742	0.1700884	3.0133430164981
(226999)	14.8	226.52845	130.99694	77.80423	11.20905	0.0499854	3.0205833164967	(227051)	15.0	189.41663	185.59115	96.82167	12.44949	0.1076315	3.0999294164981
(227000)	16.0	76.66837	298.63822	59.54510	2.76073	0.0769888	2.9308449164967	(227052)	16.9	30.95401	113.85339	120.85108	5.17405	0.1495861	2.4501101164982
(227001)	14.9	354.36775	162.80601	272.91491	9.36332	0.0951578	3.0411074164968	(227053)	15.4	337.11929	257.91117	208.46945	7.97071	0.1432576	3.1601297164982
(227002)	15.8	3.31383	355.37639	50.93708	1.91884	0.1409582	3.0799509164968	(227054)	16.9	50.72144	359.64039	22.03946	20.48255	0.1040501	1.9595301164982
(227003)	15.2	85.11648	270.77090	45.05849	8.67575	0.0430172	3.1395409164968	(227055)	15.5	332.21573	307.42992	177.06688	14.04882	0.2565137	3.1654466164983
(227004)	15.0	82.76604	295.39717	79.24864	8.98972	0.0989712	2.9139250164969	(227056)	15.8	332.68957	288.92335	193.39024	1.06901	0.1462400	3.1753632164983
(227005)	16.1	308.57177	61.43872	51.71971	2.80319	0.1772763	3.1244740164969	(227057)	14.6	304.05250	95.56087	116.99612	14.78865	0.2221258	3.0887327164983
(227006)	15.5	291.58072	111.38997	31.65366	19.62444	0.1985679	3.1664293164969	(227058)	14.7	329.90513	225.86332	293.06360	5.23493	0.0970883	3.1309315164983

(227059)	16.6	29.83476	12.25460	51.12756	23.86235	0.0979003	1.9351780164984	(227111)	17.3	126.63458	307.33073	318.28061	4.43955	0.2470225	2.2918972164997
(227060)	15.3	339.40168	59.51196	49.75618	26.89496	0.2331638	3.2034942164984	(227112)	17.8	52.69592	166.98382	211.17611	2.34905	0.1534691	2.2727599164998
(227061)	14.4	358.53616	147.13218	313.99283	27.09182	0.1473065	3.1204193164984	(227113)	16.9	69.35160	3.23510	323.23162	7.64898	0.2721313	2.3480086164998
(227062)	14.5	177.87068	303.48047	291.72437	2.44237	0.1095518	3.9099786164985	(227114)	17.4	29.53719	257.02476	122.25863	4.96542	0.1738879	2.3719241164998
(227063)	15.1	331.09665	112.86470	59.40485	5.98597	0.1065256	3.0976767164985	(227115)	17.6	23.85179	270.15354	122.71250	3.24989	0.1834551	2.3425944164998
(227064)	14.7	291.52539	118.78707	94.97137	11.78494	0.0851464	3.1579203164985	(227116)	17.2	222.81190	351.39875	201.41192	3.05513	0.0858958	2.2412601164999
(227065)	14.4	167.12808	178.49696	61.33549	4.27156	0.0964097	3.9459847164985	(227117)	17.3	91.96863	103.10856	199.30591	2.56558	0.1630919	2.3304616164999
(227066)	17.5	64.95687	293.65253	44.19360	1.61696	0.1907032	2.1475260164986	(227118)	17.0	119.96479	79.92944	216.04635	5.09507	0.1035953	2.2758427164999
(227067)	17.5	82.27079	283.47011	1.98275	4.97331	0.1235103	2.1992879164986	(227119)	16.6	38.63155	180.95524	176.74394	8.11640	0.1933045	2.3865950164999
(227068)	17.7	153.47126	205.60077	39.11460	6.81796	0.1699091	2.1546729164986	(227120)	15.9	54.03775	98.92376	213.43012	13.27698	0.2082288	2.4830434165000
(227069)	16.9	254.72434	119.11972	73.11883	23.52728	0.0597134	1.9940619164987	(227121)	16.8	34.53171	357.89348	11.85246	6.50351	0.1430749	2.3973124165000
(227070)	17.1	82.05090	230.73621	53.51399	6.56340	0.2148938	2.2961725164987	(227122)	16.4	56.39221	248.38686	102.87731	7.50826	0.1686013	2.3464263165000
(227071)	17.2	57.72901	235.61620	71.88086	3.20786	0.2238688	2.3220422164987	(227123)	17.3	21.33847	112.77155	279.78199	2.42236	0.1305069	2.3973253165001
(227072)	17.2	90.29566	262.70113	53.56768	5.52123	0.1745114	2.1782088164987	(227124)	16.9	42.08151	268.60251	81.35435	5.41314	0.3135131	2.4187057165001
(227073)	17.3	89.53580	107.06331	208.18449	5.66700	0.1401355	2.1833588164988	(227125)	16.8	82.77027	232.39561	85.68746	4.95888	0.2576171	2.3249230165001
(227074)	14.6	280.57242	120.60983	27.31065	2.88670	0.1485358	3.9440189164988	(227126)	16.8	65.80995	305.49904	57.45747	5.96102	0.2885231	2.3221334165001
(227075)	17.8	81.76525	64.94079	227.88270	2.48875	0.2212521	2.2932354164988	(227127)	16.1	69.07251	308.04859	333.28020	14.85093	0.1048965	2.5509764165002
(227076)	17.8	81.07626	232.70377	102.81825	2.49853	0.2036683	2.1970700164988	(227128)	16.9	108.22287	209.01456	83.76665	3.73517	0.2056307	2.3363519165002
(227077)	13.4	12.39437	183.60022	202.76388	12.15370	0.0873427	5.1566061164989	(227129)	16.9	85.00583	315.93140	356.62093	5.04646	0.2351082	2.3477518165002
(227078)	13.5	349.19079	191.83123	217.93661	16.38999	0.0677841	5.1035728164989	(227130)	17.0	119.81832	297.87839	11.70558	3.94068	0.1128123	2.2466092165003
(227079)	18.1	87.15175	92.10141	210.39947	9.08609	0.1459721	2.2479576164989	(227131)	17.5	87.34802	214.46612	94.70439	2.44701	0.1984149	2.3537661165003
(227080)	17.6	147.86900	350.69535	279.47517	7.62143	0.1233329	2.2129150164989	(227132)	17.3	85.90908	326.18944	359.06501	5.43444	0.1171028	2.3245744165003
(227081)	16.9	98.73000	44.07551	210.23620	6.26839	0.1058080	2.3268250164990	(227133)	16.6	77.48327	185.57185	145.04206	10.54079	0.1730330	2.3344561165003
(227082)	13.5	43.34124	165.34795	191.51918	14.18047	0.0972203	5.2790769164990	(227134)	16.5	49.43593	12.74851	0.87355	5.17166	0.1595962	2.3527192165004
(227083)	17.6	148.56573	68.83580	179.89487	0.99365	0.1611323	2.2554245164990	(227135)	16.7	51.53899	294.27717	72.32735	4.71274	0.1496493	2.3641184165004
(227084)	17.6	54.66046	56.53841	269.69983	0.44762	0.1829147	2.4229235164990	(227136)	17.2	92.07653	331.88569	325.00905	2.10864	0.2237539	2.3485483165004
(227085)	17.7	88.80757	18.29011	297.68734	0.64517	0.1977340	2.3511095164990	(227137)	16.8	62.73490	331.35831	21.35848	2.77448	0.2244547	2.3158171165005
(227086)	17.5	113.35380	33.79222	249.08446	2.49246	0.2273307	2.3146224164991	(227138)	17.0	147.80998	249.66589	28.24310	7.62815	0.1256081	2.2152371165005
(227087)	17.1	186.95096	301.15673	286.88798	7.05623	0.0425709	2.2537835164991	(227139)	17.2	103.89588	157.64654	156.63820	3.76538	0.2500044	2.2858607165005
(227088)	17.8	221.50917	356.44400	217.95659	2.68687	0.0935015	2.1612633164991	(227140)	17.1	69.37704	265.26659	89.29286	3.05790	0.1408813	2.3159164165006
(227089)	17.6	94.63092	211.02123	105.59517	5.30582	0.1772240	2.2069597164991	(227141)	17.5	35.72477	306.54351	55.39513	2.23339	0.2041614	2.3669373165006
(227090)	17.2	47.25324	236.52966	127.37508	3.33638	0.1201098	2.3442291164992	(227142)	17.2	23.88895	9.15458	14.88107	2.19272	0.2157368	2.4042557165006
(227091)	17.5	130.59943	119.66742	162.22278	3.51244	0.1699253	2.2562037164992	(227143)	16.6	55.98828	15.19970	343.65202	7.04659	0.2172106	2.3578667165006
(227092)	16.9	39.90570	107.97533	272.34788	1.24780	0.2267795	2.3375045164992	(227144)	17.1	108.68960	65.12432	253.76241	4.48335	0.1847785	2.2679520165007
(227093)	17.5	83.89735	176.09418	137.81916	3.16915	0.1819436	2.3123913164993	(227145)	17.1	88.60438	334.65454	331.32460	5.72601	0.2417912	2.3453741165007
(227094)	17.1	102.86776	85.31465	233.23323	3.45655	0.1603137	2.2644168164993	(227146)	17.3	86.58287	157.99052	148.60649	2.94144	0.2050021	2.3596528165007
(227095)	17.8	128.84382	176.75202	107.58624	4.97340	0.1707089	2.2473600164993	(227147)	17.3	58.75655	47.79123	290.71629	3.53714	0.1940271	2.3907486165008
(227096)	17.7	247.62309	99.94321	91.32678	2.58131	0.0775172	2.1626312164993	(227148)	17.0	8.16745	352.91920	59.22940	3.21332	0.2043957	2.3818234165008
(227097)	17.3	61.75092	5.08877	330.46326	1.71765	0.2312104	2.3621058164994	(227149)	17.4	76.58268	228.94405	107.31417	2.88020	0.1938503	2.3384292165008
(227098)	17.4	111.07208	20.49085	261.35549	1.42679	0.1903417	2.3227197164994	(227150)	17.5	65.32632	210.00724	109.70648	1.91749	0.2408038	2.4185887165008
(227099)	17.8	35.28524	235.57460	137.68781	1.71619	0.1919691	2.3447150164994	(227151)	17.5	82.24183	3.40056	307.45479	0.55582	0.1916851	2.3648964165009
(227100)	17.1	30.00939	253.18303	132.87846	5.25600	0.2209369	2.3516960164994	(227152)	17.5	55.07702	187.06231	156.29764	3.81876	0.2025683	2.3836460165009
(227101)	17.6	115.56725	105.37436	171.95750	2.52213	0.2206452	2.3563689164995	(227153)	16.0	146.61619	12.36864	251.67129	12.22390	0.1760702	2.3337888165009
(227102)	16.7	87.37965	81.25250	237.53889	5.34701	0.1558698	2.2966057164995	(227154)	17.7	86.13449	100.77442	201.41490	1.88649	0.2213390	2.3720317165010
(227103)	16.8	3.90629	155.44453	220.05625	5.18862	0.2231643	2.4885161164995	(227155)	17.2	106.97224	2.04757	298.62396	1.61487	0.2356829	2.3206272165010
(227104)	16.9	112.91598	73.11996	229.90747	2.72321	0.1412651	2.2437922164995	(227156)	17.1	73.81480	189.50319	142.77501	2.69573	0.2190882	2.3768739165010
(227105)	17.2	71.94565	164.84164	179.74149	3.68906	0.2051953	2.3128553164996	(227157)	16.6	53.83552	10.18444	342.93754	7.72457	0.2423459	2.4156193165010
(227106)	16.9	90.17798	19.59681	301.93321	7.05594	0.1737884	2.2883790164996	(227158)	16.7	61.80827	216.36418	117.64260	6.22606	0.2488647	2.3852692165011
(227107)	17.8	130.46294	165.46217	131.74487	3.25844	0.1859067	2.2284454164996	(227159)	16.2	15.45865	65.18415	282.42006	4.54592	0.0841062	2.5343696165011
(227108)	17.2	32.63056	243.68271	139.65640	4.17895	0.2429996	2.3668035164997	(227160)	17.0	57.66751	190.95095	159.66357	5.65955	0.1324202	2.3816239165011
(227109)	17.7	118.77200	101.86524	195.43927	3.63039	0.1452122	2.2550393164997	(227161)	16.7	75.07017	168.05579	159.29572	9.97492	0.1805258	2.3784077165012
(227110)	17.4	37.34587	275.46537	101.84499	3.61532	0.1821986	2.3246855164997	(227162)	17.6	60.23158	75.92081	260.91552	1.12647	0.2180139	2.4106563165012

(227163)	17.2	32.30913	224.18563	155.63700	5.27552	0.2084798	2.4364146165012	(227215)	17.0	45.01690	337.74125	40.07286	6.95803	0.1513127	2.3848333165028
(227164)	17.6	56.10578	314.34093	24.28430	2.78147	0.2171854	2.4497198165013	(227216)	16.9	16.25012	68.33998	336.38449	3.20852	0.1314751	2.3759535165028
(227165)	16.6	47.35518	20.60838	357.01239	8.04967	0.1200716	2.3626740165013	(227217)	17.6	14.86494	201.62005	257.32614	1.82519	0.1002159	2.2150385165029
(227166)	17.0	89.38962	170.62784	146.31083	2.41259	0.1900000	2.3758627165013	(227218)	17.3	75.68713	310.63266	18.56376	1.39375	0.1998768	2.3816773165029
(227167)	16.8	69.70618	336.77332	359.05519	5.62097	0.2441571	2.3958353165013	(227219)	17.3	92.19249	201.10811	117.78147	3.30834	0.2141203	2.3628372165029
(227168)	17.2	92.61296	158.58255	157.12107	2.59673	0.1913971	2.3695557165014	(227220)	17.1	79.22628	151.83839	166.58876	2.32494	0.2251359	2.4099823165030
(227169)	16.4	77.53864	30.51510	299.46601	3.99580	0.2134933	2.3865901165014	(227221)	16.1	347.11923	214.02603	178.96043	7.79060	0.2116855	2.6244020165030
(227170)	17.0	34.32459	237.52239	137.45563	4.68371	0.1454271	2.3909422165015	(227222)	17.0	85.09125	272.52309	34.14327	1.91941	0.2446319	2.4117007165030
(227171)	15.8	3.42860	19.57762	328.79272	10.81552	0.1587327	2.6405876165015	(227223)	16.7	57.61758	104.02290	295.68130	6.60026	0.1288205	2.2867981165031
(227172)	17.1	67.28562	146.91403	198.83734	4.78707	0.1667497	2.3714323165015	(227224)	17.3	56.95252	29.97379	352.59393	0.99437	0.2253649	2.3389727165031
(227173)	16.9	120.08268	93.56422	193.78457	5.70296	0.1562494	2.3356181165016	(227225)	17.2	60.88910	253.11349	95.23924	5.55285	0.1960114	2.3774537165031
(227174)	17.1	129.90939	34.16707	252.88005	2.46269	0.2243961	2.2825832165016	(227226)	17.4	23.76139	262.67525	137.76082	1.68711	0.1742545	2.3792473165032
(227175)	17.1	45.35554	246.61894	127.66722	2.16207	0.1988218	2.3803843165016	(227227)	17.3	20.69776	47.93635	1.93375	1.90586	0.1952229	2.3987880165032
(227176)	16.7	135.42825	145.38798	129.16767	3.75469	0.2055539	2.2926629165016	(227228)	16.5	29.94712	57.10334	344.77960	3.46554	0.2133972	2.4058779165032
(227177)	16.9	338.79396	298.33815	150.28866	7.34935	0.0610064	2.3461118165017	(227229)	17.3	61.85959	162.96455	186.51401	1.33334	0.2032710	2.3519559165033
(227178)	16.5	51.70671	276.81270	87.60783	2.40672	0.1827781	2.3806249165017	(227230)	16.8	190.95497	180.72570	42.59597	3.37319	0.1786407	2.3154334165033
(227179)	17.2	70.12904	256.09912	67.68801	2.99299	0.2059728	2.4174117165017	(227231)	17.2	22.46496	59.55115	350.99567	3.84777	0.1753107	2.3821800165033
(227180)	16.6	55.78883	288.84844	71.14346	4.32185	0.1950330	2.3874658165018	(227232)	16.3	58.16441	327.59758	40.64108	3.16784	0.2155849	2.3843386165033
(227181)	17.1	122.52311	247.45301	46.74505	2.82479	0.2067064	2.3141608165018	(227233)	17.1	328.80117	184.86282	295.27067	1.77141	0.1382820	2.3476259165034
(227182)	17.4	67.44994	304.97786	39.20954	1.36937	0.2329020	2.3438245165018	(227234)	16.9	99.58785	69.19305	252.00420	1.73478	0.1834280	2.3498226165034
(227183)	17.4	82.09239	112.25236	204.53259	1.47788	0.2007991	2.3810803165018	(227235)	17.4	115.94546	51.56198	246.75734	3.70780	0.1754427	2.4046593165035
(227184)	17.4	73.49927	233.94895	100.25653	2.48637	0.2010613	2.3637065165019	(227236)	16.5	199.82948	110.93900	129.96484	9.48273	0.0302344	2.2791509165035
(227185)	17.0	47.61894	326.94554	33.19998	3.53719	0.1858562	2.4131187165019	(227237)	17.1	124.53884	200.00540	90.85688	3.67247	0.1465292	2.3579421165035
(227186)	17.0	58.17745	355.19572	351.84684	2.54920	0.2082863	2.4157986165019	(227238)	17.0	110.10434	74.84966	217.36241	8.16985	0.1494075	2.4304315165035
(227187)	17.2	68.61233	68.59033	252.21401	1.60607	0.2071391	2.4096303165020	(227239)	17.2	103.73009	186.75914	124.58859	2.53756	0.1803625	2.3863805165036
(227188)	16.6	39.26300	327.40523	50.21529	7.59734	0.1295861	2.3756467165020	(227240)	17.5	352.98528	327.92387	133.10748	2.90070	0.1659275	2.3854387165036
(227189)	17.5	357.75770	67.92058	18.33981	2.81885	0.1695310	2.3467615165020	(227241)	17.1	328.00688	85.76771	45.55784	7.29832	0.1975357	2.3740473165036
(227190)	16.9	124.28721	239.33886	49.73955	4.50634	0.2576230	2.2627486165021	(227242)	17.1	339.68051	23.61482	73.84212	3.38600	0.1606460	2.4379477165036
(227191)	16.6	69.00557	243.69720	96.36297	9.67235	0.1212866	2.3641603165021	(227243)	16.6	35.99059	39.98476	12.01835	4.81756	0.0593543	2.3144343165037
(227192)	16.9	150.13718	57.27986	222.71826	1.60487	0.1576391	2.2448541165021	(227244)	17.0	99.60340	131.73317	175.97642	4.22347	0.1837701	2.3855273165037
(227193)	16.9	19.31551	250.16527	164.21263	2.24299	0.2058825	2.3842246165021	(227245)	16.3	290.62427	98.26958	2.36696	10.50648	0.1290534	2.6304650165037
(227194)	17.1	100.33973	344.07749	319.48106	0.79977	0.2006675	2.3580051165022	(227246)	16.6	321.18705	272.78051	208.50978	6.37733	0.0688970	2.3771798165038
(227195)	17.2	24.67790	222.99906	180.20044	8.03288	0.2155373	2.4026157165022	(227247)	17.0	282.91974	331.19007	194.90494	2.38166	0.0938058	2.3667608165038
(227196)	16.7	350.18434	357.81042	25.27155	6.02298	0.0864076	2.5274940165023	(227248)	16.8	291.08879	144.36707	14.52594	1.37221	0.1253783	2.3691816165038
(227197)	16.7	327.99090	156.70031	315.89874	2.84003	0.1072937	2.3371090165023	(227249)	18.0	74.77460	138.23958	186.98390	1.78746	0.1958342	2.4573894165039
(227198)	16.9	27.58685	259.56901	141.17019	7.11802	0.1150037	2.3327200165023	(227250)	17.3	312.71527	119.67575	8.97036	2.49738	0.1427255	2.4212933165039
(227199)	17.6	351.87634	24.21954	70.82334	2.15824	0.1460240	2.2800242165023	(227251)	16.6	59.74076	348.56182	10.02173	6.49998	0.1378025	2.4201172165039
(227200)	16.8	69.97171	237.49260	109.04317	3.74097	0.1333084	2.3471698165024	(227252)	17.8	21.04369	42.59988	9.18657	2.86785	0.1909072	2.3804130165039
(227201)	17.1	12.11184	230.62570	193.34963	5.52545	0.2212264	2.3726998165024	(227253)	17.7	116.58611	114.54563	176.21338	0.83571	0.1173068	2.4001194165040
(227202)	16.4	136.07190	251.69246	33.69180	6.63923	0.1412543	2.2929671165024	(227254)	17.5	253.29019	8.44691	170.89459	3.00333	0.0615460	2.3604094165040
(227203)	17.2	354.40787	258.02122	187.87434	2.77376	0.0864937	2.3252045165024	(227255)	17.6	15.34356	55.54949	33.81110	2.82335	0.1804745	2.3158166165040
(227204)	18.1	6.06550	68.68762	335.85675	0.94960	0.1582258	2.4139515165025	(227256)	17.5	54.02014	335.66365	23.61598	3.25441	0.0450753	2.4228621165041
(227205)	17.2	111.22937	276.20661	21.24004	2.39447	0.2029958	2.3426977165025	(227257)	17.0	110.05992	36.88982	221.77419	2.00069	0.1055410	2.5818279165041
(227206)	16.6	4.12043	285.27836	120.19387	7.25191	0.2275619	2.4704872165025	(227258)	16.9	292.37275	159.81637	2.23961	4.46225	0.1792955	2.3322214165041
(227207)	16.5	69.62101	262.27978	72.05866	5.73548	0.2428570	2.3958823165025	(227259)	16.9	328.13409	231.97594	198.29371	5.91893	0.2460703	2.6302898165041
(227208)	16.6	38.37988	348.58657	50.87701	7.05652	0.1224056	2.3047642165026	(227260)	17.4	323.78387	264.26444	214.43661	1.30432	0.1088320	2.4121791165042
(227209)	17.0	24.61374	293.89156	114.21851	3.11289	0.1626465	2.3867264165026	(227261)	17.2	339.04599	114.84099	347.95551	1.12242	0.0838844	2.3975743165042
(227210)	16.2	92.22916	332.09069	339.29601	5.69125	0.1537037	2.3842444165026	(227262)	16.9	153.33545	323.57118	314.86721	4.93249	0.1361262	2.3346856165042
(227211)	16.0	3.57915	112.36977	294.28440	13.62137	0.1634884	2.4797843165027	(227263)	17.4	340.27260	280.97260	186.61994	4.11365	0.1392055	2.2945662165043
(227212)	16.6	77.00765	262.29363	75.86497	4.39238	0.0791588	2.3410254165027	(227264)	17.8	119.75677	318.96100	335.78103	0.81282	0.1883779	2.3669015165043
(227213)	16.0	126.02095	275.73793	4.79712	11.60096	0.2146207	2.3400842165027	(227265)	17.3	316.39967	82.00241	341.57718	5.43600	0.1316828	2.5680556165043
(227214)	16.9	70.27566	237.62420	97.14821	3.68365	0.1898841	2.4214393165028	(227266)	17.1	132.08965	111.01725	153.57546	1.54296	0.1565337	2.4338292165043

(227267)	16.8	8.78228	167.60330	199.88644	13.80210	0.1697987	2.5865756165044	(227319)	17.6	77.62816	240.15297	72.92140	3.48269	0.2371566	2.4357558165060
(227268)	16.8	53.11087	318.22416	62.66369	2.33286	0.1901347	2.3690041165044	(227320)	17.2	312.02300	206.54140	289.41560	1.33811	0.1515418	2.4322744165060
(227269)	17.7	11.65317	239.21741	177.39583	1.15333	0.1784968	2.4268413165044	(227321)	17.4	59.25753	139.71321	200.87273	5.69234	0.1719234	2.4608128165060
(227270)	17.0	309.66502	116.42786	24.99030	2.67148	0.1508976	2.3616295165045	(227322)	17.2	125.24895	86.72168	213.57539	2.59387	0.1847193	2.3248587165060
(227271)	17.3	80.78184	154.58704	168.58806	1.15191	0.2000568	2.4292058165045	(227323)	16.4	276.89868	331.79755	196.91538	10.80376	0.1487889	2.3654827165061
(227272)	16.8	326.03405	254.85774	213.68537	3.58621	0.1076305	2.4592221165045	(227324)	17.6	350.69009	310.82008	125.37115	1.87845	0.1483441	2.4420395165061
(227273)	17.5	312.23618	340.92085	164.38695	2.52229	0.0972112	2.3010650165046	(227325)	17.2	127.36224	104.87808	165.47922	4.83118	0.1702231	2.4547608165061
(227274)	17.8	112.57977	231.00219	64.51097	2.48123	0.1884454	2.3854074165046	(227326)	16.9	347.06403	26.74701	66.08974	2.59084	0.1513862	2.4108761165062
(227275)	17.2	230.59654	151.43812	52.47554	3.96349	0.0794538	2.3475756165046	(227327)	17.6	304.81956	141.32047	349.86941	3.78060	0.0273726	2.4142833165062
(227276)	16.8	106.59352	267.58644	34.99382	6.25029	0.2154342	2.3709482165047	(227328)	16.0	21.48548	300.90343	98.30003	7.45323	0.0453385	2.7970863165062
(227277)	17.7	25.77557	338.80318	59.35355	4.64955	0.2328620	2.4706956165047	(227329)	17.5	260.02044	74.31335	93.73043	2.06391	0.0743835	2.4296269165062
(227278)	17.3	92.58413	108.02333	208.09242	6.41876	0.1341120	2.3605126165047	(227330)	15.6	35.22529	144.42862	267.97344	24.93907	0.2732931	2.3856616165063
(227279)	17.0	298.88443	144.88919	355.78418	2.44443	0.1353289	2.3765653165048	(227331)	16.0	334.82329	164.74327	223.77967	4.63432	0.0223679	2.8129297165063
(227280)	17.3	71.65533	185.50395	144.04936	1.64138	0.1894418	2.4508533165048	(227332)	16.9	54.27837	80.81352	218.82283	3.30756	0.0826921	2.7699988165063
(227281)	17.6	57.19401	215.08434	137.87575	1.85987	0.2069403	2.4392241165048	(227333)	16.8	31.74362	355.87131	69.78496	4.60546	0.2095420	2.3891498165064
(227282)	15.9	28.06870	285.71882	136.61752	6.16811	0.2160080	2.3603010165048	(227334)	15.8	9.42654	180.58104	208.79599	13.57871	0.1822232	2.6355888165064
(227283)	16.7	288.83519	241.71931	271.27497	3.77572	0.1363237	2.3659490165049	(227335)	17.1	331.05062	289.91298	173.35560	5.95654	0.1385117	2.3833768165065
(227284)	16.9	0.37584	207.39236	227.85376	3.18591	0.1480650	2.4080524165049	(227336)	16.3	354.93968	186.74588	285.96137	7.43296	0.1663381	2.3749141165065
(227285)	17.4	9.88357	139.92085	280.47266	1.91959	0.1698632	2.4228565165049	(227337)	16.8	36.64581	345.90813	75.93832	3.32731	0.2037077	2.3862146165065
(227286)	17.1	7.21657	113.01097	320.62257	4.80106	0.1803287	2.3969651165050	(227338)	17.0	359.06034	9.64030	66.89062	3.56391	0.1644430	2.4254682165066
(227287)	17.5	67.07552	227.79194	124.35080	2.44115	0.2072281	2.3829284165050	(227339)	16.4	310.68275	186.43825	246.97299	1.37249	0.1174965	2.6960670165066
(227288)	17.4	32.83197	239.33608	137.99754	1.86190	0.1898311	2.4518719165050	(227340)	15.9	23.13107	349.91634	357.74839	4.52573	0.0930911	2.7085932165066
(227289)	17.6	153.35959	261.14512	348.48412	3.11771	0.1488375	2.4499663165051	(227341)	16.4	353.89466	4.34107	81.24957	3.95600	0.1410498	2.4542198165067
(227290)	16.8	49.89960	106.40100	204.17059	11.85486	0.2646336	2.5814877165051	(227342)	16.7	291.68461	262.16908	243.56067	5.44561	0.1440665	2.5336139165067
(227291)	17.3	307.48704	316.41772	179.71331	3.42431	0.1797502	2.3791488165051	(227343)	16.8	46.29491	109.85888	246.41890	3.46782	0.1570927	2.5595363165067
(227292)	16.1	30.36729	11.23923	34.54533	10.95561	0.2540901	2.3975899165051	(227344)	17.2	293.50804	278.00683	213.41337	2.86769	0.2142780	2.6297790165068
(227293)	15.8	316.14593	58.90563	4.53624	14.66710	0.0769224	2.6624108165052	(227345)	17.2	23.64936	347.14467	50.57668	6.55944	0.1545195	2.4719886165068
(227294)	15.9	29.48894	198.86493	227.94794	7.07076	0.2097961	2.3717223165052	(227346)	16.7	337.68852	223.51480	233.19991	14.79800	0.2387460	2.5639270165068
(227295)	16.2	13.34771	329.67849	82.60737	8.74743	0.2845941	2.6547396165053	(227347)	16.4	22.04106	2.65593	98.34697	3.56715	0.1727036	2.3495371165069
(227296)	16.7	348.21523	15.61002	81.37192	3.44807	0.1478860	2.4101820165053	(227348)	15.8	300.36064	262.67659	216.47984	14.17506	0.0475016	2.5777933165069
(227297)	16.3	286.74724	124.69003	30.34649	9.70301	0.0765212	2.4355405165053	(227349)	16.0	338.82716	295.03838	158.74297	8.24028	0.2076898	2.5710713165069
(227298)	17.7	78.40400	105.10567	220.05100	0.82496	0.1112872	2.4787133165054	(227350)	16.7	54.51679	108.59533	240.23230	7.58267	0.1818776	2.5731831165070
(227299)	16.3	45.79780	340.23471	39.50433	5.85701	0.2377839	2.3614840165054	(227351)	16.3	151.46213	195.54162	51.21373	6.44934	0.1147414	2.5555366165070
(227300)	17.3	129.58896	89.39746	179.63488	2.31609	0.1568752	2.3786295165054	(227352)	16.4	23.19021	146.85231	197.53612	4.63144	0.0754919	2.7057612165070
(227301)	16.8	6.92833	307.32211	109.82166	3.53028	0.0649514	2.3961367165054	(227353)	16.7	31.01013	207.51421	132.69142	3.55042	0.0885602	2.7183664165071
(227302)	17.4	114.65273	149.62907	124.15034	2.36970	0.1750547	2.4290322165055	(227354)	17.2	206.80947	19.66944	186.23288	2.96176	0.0689613	2.5953579165071
(227303)	17.2	57.10131	149.18710	207.06929	6.96219	0.1313331	2.3910630165055	(227355)	16.5	95.95634	5.65065	306.53544	1.28902	0.1345333	2.5565705165071
(227304)	16.3	99.30271	29.02164	306.21061	4.69498	0.0459487	2.3091058165055	(227356)	17.1	259.96756	164.22263	25.15962	2.80109	0.1419091	2.4539088165071
(227305)	17.3	275.32367	174.45444	346.02289	5.71498	0.0933007	2.3654794165055	(227357)	16.6	214.11613	318.46136	235.64786	5.22988	0.0680438	2.6119969165072
(227306)	16.2	271.48890	291.56254	192.83135	13.04363	0.2253594	2.6819965165056	(227358)	16.6	249.53292	315.16068	226.16648	13.76538	0.1896097	2.5577936165072
(227307)	16.4	218.94010	161.82752	49.87301	3.61153	0.1489963	2.4176523165056	(227359)	16.5	2.75046	253.60685	153.87451	14.92392	0.1759247	2.5825703165072
(227308)	16.1	26.83843	158.31056	178.63222	4.60679	0.1103366	2.6995204165056	(227360)	17.2	120.80081	270.96403	10.35969	0.86597	0.0527719	2.5331390165072
(227309)	17.7	329.79217	129.76672	333.84038	1.86759	0.1617569	2.4227744165057	(227361)	16.3	329.72606	253.69154	231.75521	6.40701	0.0546584	2.3932784165073
(227310)	16.8	29.38616	158.49473	214.69453	14.68885	0.1357245	2.5450955165057	(227362)	16.2	139.96357	17.02801	250.64111	2.88986	0.0819736	2.5811639165073
(227311)	17.1	347.86982	52.99211	38.78435	3.07057	0.1402541	2.3781953165057	(227363)	16.5	7.15998	22.71675	48.22723	7.57888	0.0722605	2.3848828165073
(227312)	17.3	351.49772	285.74791	143.59751	2.77284	0.1785174	2.4492511165058	(227364)	17.1	89.89589	11.27237	280.47368	1.97283	0.1721990	2.5764757165073
(227313)	17.4	119.56806	154.33435	141.70542	2.96722	0.1574572	2.3611684165058	(227365)	16.7	258.19502	308.85881	246.52297	3.15787	0.1030763	2.3841074165074
(227314)	15.6	291.15087	203.49159	308.06003	8.59515	0.1531472	2.7618762165058	(227366)	16.7	251.51687	332.28778	227.97549	4.46373	0.0546584	2.3932029165074
(227315)	17.2	64.80351	276.80312	43.88435	6.01529	0.1523576	2.5559231165059	(227367)	17.0	108.84015	59.91563	220.20097	5.20721	0.1103287	2.5824388165074
(227316)	17.1	62.45910	197.17509	155.99614	1.91001	0.1894061	2.4431174165059	(227368)	16.8	91.99495	295.20549	43.40679	10.68171	0.1918632	2.4050151165074
(227317)	16.7	264.41901	162.94255	22.98511	5.49407	0.1619897	2.2882612165059	(227369)	16.6	63.93846	241.55123	99.13039	3.33421	0.1797953	2.5463743165075
(227318)	16.5	332.86552	219.49580	192.35236	11.31819	0.1165185	2.6087367165059	(227370)	16.4	125.63193	30.15481	245.18166	2.83709	0.1254343	2.5742209165075

(227371)	16.9	193.90036	233.25284	358.84038	1.21751	0.1001877	2.5329122165075	(227423)	16.0	359.37526	9.99289	81.76556	11.78674	0.1008805	2.4477998165089
(227372)	17.8	317.33574	313.84532	181.42136	0.97088	0.1362342	2.4331761165076	(227424)	16.6	329.64644	122.11671	281.71176	3.81020	0.0221040	2.7269413165089
(227373)	16.6	53.57415	133.46874	232.73303	3.57967	0.1605450	2.3795889165076	(227425)	16.6	77.23694	104.99589	201.13175	6.34469	0.0962237	2.6295366165089
(227374)	16.9	59.61111	261.85425	132.88511	1.85201	0.1840524	2.3682796165076	(227426)	15.6	98.82330	75.68850	223.91825	13.74966	0.1956859	2.5846337165090
(227375)	17.2	116.41505	87.03424	217.43965	5.02977	0.1300553	2.4566341165076	(227427)	15.0	73.86956	82.78288	251.30355	28.90014	0.1538805	2.5908737165090
(227376)	16.1	162.28895	24.72444	209.50717	11.60165	0.1431011	2.6454001165077	(227428)	16.9	246.02084	126.79132	61.38371	5.03537	0.0387040	2.5492902165090
(227377)	16.2	342.28118	1.84965	68.65490	15.13891	0.0673092	2.5985275165077	(227429)	15.8	221.15402	325.41946	244.64464	12.85169	0.1036415	2.5928244165091
(227378)	16.5	74.49587	245.69044	68.93477	13.14071	0.1562583	2.6013501165077	(227430)	15.5	298.46211	177.23823	284.22284	13.05209	0.0308966	2.6727026165091
(227379)	16.9	2.37263	16.50255	25.91388	7.65025	0.1621188	2.6363149165077	(227431)	17.5	305.77241	77.89897	45.06793	1.70382	0.1425150	2.5496039165091
(227380)	17.4	248.60397	42.17381	148.52583	1.97165	0.1356443	2.3926105165078	(227432)	16.4	293.25401	250.56837	269.05216	5.29739	0.0725636	2.4391542165091
(227381)	17.6	116.71470	275.73816	3.84602	2.10310	0.2395621	2.3289089165078	(227433)	15.6	322.90072	2.33997	87.01917	31.83781	0.1596593	2.5628456165092
(227382)	16.5	140.02162	185.34970	75.10072	6.18161	0.1709961	2.5957363165078	(227434)	15.9	66.24052	146.53980	195.10891	4.92785	0.1144516	2.5901024165092
(227383)	16.9	256.82044	77.81208	93.63974	3.28207	0.1297554	2.5749785165078	(227435)	15.8	116.62382	211.19225	68.14491	4.50195	0.1965696	2.6555377165092
(227384)	16.4	355.32673	154.33496	233.95963	4.88532	0.0640190	2.6720468165079	(227436)	17.0	328.50473	142.51223	324.47866	2.33512	0.0250735	2.5266975165093
(227385)	17.1	302.61796	130.67950	72.49993	4.90818	0.1089335	2.1888600165079	(227437)	16.5	91.85379	251.90403	42.31406	5.13010	0.1030772	2.7257500165093
(227386)	17.0	76.05704	94.44888	228.47079	1.79979	0.1278702	2.5851503165079	(227438)	16.8	307.83466	48.92450	55.01687	4.69212	0.0214919	2.6614224165093
(227387)	17.6	351.68151	27.07508	49.81816	5.53273	0.1796175	2.5398398165079	(227439)	17.3	85.48931	265.13732	50.07511	5.25574	0.2997635	2.5302436165093
(227388)	16.2	108.48023	169.87247	125.59819	5.96656	0.1531223	2.5570689165080	(227440)	17.2	25.43448	333.84944	40.12896	3.60952	0.2818112	2.5992295165093
(227389)	17.4	237.46651	147.95595	53.03929	3.13864	0.1252166	2.3436475165080	(227441)	16.6	341.89593	68.98185	29.80700	2.51572	0.0542705	2.5364434165094
(227390)	16.9	292.73138	291.67116	192.44907	5.45783	0.0970727	2.5455103165080	(227442)	15.3	102.66487	250.19304	72.36226	28.28059	0.1196683	2.5572394165094
(227391)	16.9	325.08547	239.50854	243.70701	4.13548	0.1359449	2.4536174165080	(227443)	15.9	62.66779	266.16493	79.86683	12.36701	0.2178853	2.5813114165094
(227392)	16.8	291.39402	143.84924	5.31616	6.42038	0.0685090	2.4641820165081	(227444)	16.7	331.35827	38.10022	87.37970	14.39901	0.1108683	2.5253921165095
(227393)	16.6	266.55713	77.68572	89.41548	4.13745	0.0971930	2.5780630165081	(227445)	16.5	240.59265	116.98179	59.73594	2.83249	0.0288613	2.6331654165095
(227394)	16.1	4.58386	75.03679	284.55026	4.58300	0.0573086	2.7335310165081	(227446)	16.8	71.75489	51.27949	287.76217	1.64115	0.0413409	2.6450167165095
(227395)	16.9	273.52626	51.63280	124.39978	3.16847	0.1382715	2.4512070165081	(227447)	17.2	229.15037	161.96478	33.30077	0.76107	0.1256826	2.4745837165096
(227396)	17.0	227.79598	160.59553	39.64374	4.35185	0.0961101	2.5571952165082	(227448)	16.4	113.84908	219.23147	76.37766	4.15305	0.1247831	2.5917346165096
(227397)	17.2	254.36813	15.87854	180.60929	2.42218	0.0838016	2.3713747165082	(227449)	16.2	0.00796	342.04273	84.34839	4.47039	0.2045744	2.6364503165096
(227398)	17.3	113.54058	94.96053	207.54736	5.87957	0.1373582	2.3771181165082	(227450)	16.6	326.11785	45.56820	53.44603	5.51727	0.1511457	2.6314526165096
(227399)	17.3	171.43041	297.82020	314.06842	1.66948	0.1325135	2.2638654165082	(227451)	16.4	238.35711	68.07610	116.15237	1.47468	0.0052833	2.6091270165097
(227400)	16.8	336.08298	33.37908	70.87143	5.57207	0.1155962	2.4849321165083	(227452)	15.9	151.26263	201.93931	66.82023	4.70009	0.0355064	2.5706466165097
(227401)	16.9	214.78098	41.97645	167.15906	2.73579	0.1355283	2.4460923165083	(227453)	15.4	344.97817	302.35644	122.28238	15.42773	0.0469054	2.6339191165097
(227402)	16.0	82.02524	238.01947	94.17855	4.44783	0.0382462	2.5810951165083	(227454)	16.2	118.94626	38.46708	234.02406	2.51460	0.0509273	2.7694291165098
(227403)	17.1	162.47754	66.07354	194.52131	3.53146	0.0602512	2.5380044165083	(227455)	16.0	332.43691	207.19628	222.00947	2.46347	0.0646475	2.7097812165098
(227404)	17.9	347.91935	295.06804	191.71458	0.60423	0.1432855	2.3927428165084	(227456)	15.9	82.73244	252.66495	76.67027	6.65066	0.1367894	2.5773067165098
(227405)	17.0	248.63599	316.48098	213.61675	7.01377	0.1460132	2.6415402165084	(227457)	17.1	300.13808	40.20550	66.63969	0.64377	0.0265865	2.7665003165098
(227406)	16.6	240.13785	340.24037	206.21522	7.35322	0.1329438	2.5751631165084	(227458)	15.8	54.54219	107.08732	240.04286	6.40904	0.2082046	2.6117068165099
(227407)	16.8	98.52312	74.16748	240.90975	7.06470	0.1594265	2.4340338165084	(227459)	16.8	5.35087	269.91788	140.37346	13.40859	0.1647989	2.5852485165099
(227408)	17.4	224.47566	275.28902	307.26121	2.30237	0.1533672	2.4199633165085	(227460)	16.2	55.64866	244.45383	100.82790	5.62129	0.2246386	2.5833392165099
(227409)	16.9	350.98151	100.18666	21.14329	3.08177	0.1398680	2.3560442165085	(227461)	15.7	103.05212	122.94970	183.09212	9.57800	0.1382429	2.5707585165100
(227410)	16.0	55.62479	258.21921	94.27027	13.37051	0.2323475	2.4678110165085	(227462)	15.5	63.07693	136.50872	214.18089	8.70326	0.1422065	2.5681826165100
(227411)	16.9	317.19984	61.32741	21.34665	1.68274	0.0227813	2.6933482165085	(227463)	15.4	4.62539	187.40823	252.90319	12.86475	0.1456994	2.5799225165100
(227412)	16.2	263.85467	230.23139	276.51450	2.08281	0.1268857	2.5579777165086	(227464)	16.5	24.26819	201.43427	174.68494	1.08202	0.1574825	2.6200275165101
(227413)	16.2	9.31355	233.20625	118.22395	6.39033	0.0895358	2.7196154165086	(227465)	15.7	328.82861	40.50457	83.01886	17.83931	0.1481146	2.6173643165101
(227414)	15.9	277.82258	299.56380	210.06879	26.65969	0.2431929	2.6520168165086	(227466)	16.8	39.83026	185.97393	163.07590	1.98348	0.2255681	2.6358705165101
(227415)	17.2	111.63736	279.88697	6.60686	2.02316	0.0887880	2.6019825165087	(227467)	16.6	82.08375	32.12442	293.19808	1.70153	0.0830171	2.7780323165101
(227416)	16.4	138.75620	172.23180	78.43943	1.25132	0.0688586	2.7745994165087	(227468)	15.5	272.23924	67.49948	104.22743	13.36517	0.1078973	2.7235413165102
(227417)	17.4	246.35644	293.98123	254.05360	1.39567	0.1576398	2.4279327165087	(227469)	17.3	329.96302	227.96228	211.03473	1.25778	0.0625618	2.6212840165102
(227418)	15.6	129.46905	50.24688	182.77717	15.21350	0.0685303	2.6931093165087	(227470)	17.4	36.94170	22.99795	340.76051	1.34226	0.1281863	2.6533711165102
(227419)	15.6	171.50530	357.99378	236.89102	12.95329	0.0498391	2.5384695165088	(227471)	16.3	323.35743	105.54611	7.02987	3.51940	0.0528984	2.5518273165103
(227420)	16.5	46.10543	38.89179	273.26672	2.46857	0.1899123	2.7368078165088	(227472)	16.2	155.56313	170.97876	82.92082	4.06888	0.0538337	2.6750091165103
(227421)	16.3	73.72111	96.19189	235.65771	11.43782	0.2094502	2.5452133165088	(227473)	17.1	350.08266	185.86045	252.50296	1.85602	0.2416832	2.6359743165103
(227422)	17.0	14.46996	16.36843	79.62869	7.85461	0.0601375	2.3151599165088	(227474)	16.5	159.54105	25.42205	234.87229	1.53522	0.0451187	2.6333109165103

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 (227578) 16.7 291.59556 13.69237 122.19283 4.58659 0.0301198 2.7486230165131

(227579)	15.8	118.91960	204.09121	87.36657	5.24740	0.0400040	2.8098786165131	(227631)	16.4	58.83945	342.80346	22.01405	2.07811	0.0920185	2.8389476165145
(227580)	15.9	16.46170	165.42447	258.61096	7.66715	0.0411563	2.6949944165132	(227632)	15.8	140.74066	181.30952	96.44893	2.69292	0.1426074	3.0376683165145
(227581)	16.5	17.82299	93.63096	321.47034	5.41916	0.1682838	2.6854325165132	(227633)	16.2	273.08361	241.71258	306.80470	3.90675	0.0952122	2.7728868165146
(227582)	16.8	239.56615	88.83814	76.60773	1.33712	0.0249191	2.7553897165132	(227634)	15.7	133.67754	123.65127	157.01799	10.25397	0.0431497	3.1028022165146
(227583)	15.9	286.15993	78.75910	72.59565	13.71095	0.0854048	2.6537045165132	(227635)	15.4	85.38001	5.70302	324.34692	10.54870	0.0307182	3.0635992165146
(227584)	16.4	24.91068	340.36998	101.54586	13.77130	0.2131224	2.5348758165133	(227636)	15.8	172.02108	116.71978	124.92767	2.17598	0.1449795	3.1937635165146
(227585)	16.2	351.03991	54.44391	35.42872	13.25992	0.2334961	2.6732854165133	(227637)	15.5	10.14879	232.25944	159.96466	13.68296	0.1391474	3.0831712165147
(227586)	15.7	332.25861	58.28932	68.45436	14.03281	0.1352695	2.6799347165133	(227638)	15.9	197.19780	315.06210	320.78567	3.83145	0.0649802	2.7401602165147
(227587)	15.5	117.12577	6.94779	301.51307	11.52785	0.0422466	2.8452398165134	(227639)	15.9	205.50538	46.44850	170.13657	2.27093	0.0729738	3.0954857165147
(227588)	15.4	298.77141	202.20492	306.22582	7.31597	0.2301019	2.7747935165134	(227640)	16.6	306.62195	299.66342	206.97498	3.34058	0.1813055	2.7414285165147
(227589)	15.5	26.45147	303.86378	91.69927	15.21922	0.1688363	2.6691243165134	(227641)	16.5	43.43088	228.07115	157.68755	2.47680	0.0744137	2.8688983165148
(227590)	16.1	116.12910	347.14773	311.04288	1.09760	0.0743423	2.8371213165134	(227642)	15.2	19.77052	69.48705	324.05267	10.43065	0.0239772	3.0327340165148
(227591)	15.7	109.15601	195.83190	116.31498	3.13477	0.0575300	2.8632158165135	(227643)	16.3	30.62222	279.52068	122.92755	3.36142	0.0674949	2.7325554165148
(227592)	16.0	87.83936	96.72974	210.72856	2.44411	0.1207364	3.0122172165135	(227644)	16.3	217.26161	111.29410	95.67964	3.78659	0.0140455	2.9035833165149
(227593)	15.7	8.74720	279.76961	123.56299	9.98300	0.1673097	2.8053714165135	(227645)	15.7	78.95467	247.73467	86.89838	3.24926	0.1064326	2.9486476165149
(227594)	15.7	4.98192	9.56731	58.01366	10.74225	0.1062889	2.7006321165136	(227646)	16.2	283.65416	248.44953	259.90410	2.24480	0.0840830	2.9127714165149
(227595)	15.4	107.69034	199.09734	121.31466	12.59076	0.0850052	2.7854497165136	(227647)	15.9	355.69225	218.16249	187.56503	3.96170	0.0408035	3.0978402165149
(227596)	16.6	18.27231	171.29556	230.59644	2.80122	0.0954852	2.7759418165136	(227648)	15.7	161.42124	113.06498	144.94711	4.57008	0.1069536	3.1198110165150
(227597)	15.9	109.18160	36.12458	260.57191	2.56055	0.1994051	2.9966764165136	(227649)	15.5	160.31436	333.45930	306.16382	4.45552	0.1428946	3.0339810165150
(227598)	16.4	284.32586	356.24118	150.14966	4.34481	0.0408158	2.8133094165137	(227650)	15.5	49.23731	230.35501	103.06000	2.71450	0.1639126	3.0916896165150
(227599)	16.8	119.78630	16.16376	267.63948	1.04201	0.0353841	2.8795011165137	(227651)	15.7	154.40497	302.93751	322.20690	4.41376	0.0689782	2.9189075165150
(227600)	16.4	44.05519	147.92376	200.64524	2.59388	0.0260196	2.9918138165137	(227652)	16.3	64.16261	51.77124	308.28414	2.04596	0.0205357	3.0386305165151
(227601)	16.5	299.91777	326.89192	163.59574	4.53053	0.0147530	2.7690593165137	(227653)	16.6	284.21296	8.65091	136.76573	2.86203	0.0115358	2.8546363165151
(227602)	16.1	125.99753	145.90896	147.24158	2.59603	0.0483752	2.9005614165138	(227654)	15.2	1.21017	319.85386	80.05330	10.52413	0.0589120	2.9710237165151
(227603)	16.5	271.32819	238.95169	306.70785	0.80461	0.1549348	2.7346283165138	(227655)	16.6	137.43807	212.15581	84.10955	3.20719	0.0426962	2.8647766165151
(227604)	15.7	72.79522	208.99368	130.28085	8.88690	0.0808429	2.9002619165138	(227656)	15.4	56.47793	213.45583	146.84303	16.06522	0.0440740	3.0866755165151
(227605)	15.8	239.84226	268.51305	287.94787	3.09056	0.0113331	2.7644231165138	(227657)	16.1	279.04548	107.95190	30.13096	1.48230	0.0879507	3.0542210165152
(227606)	16.6	278.63832	23.22554	140.30999	4.52660	0.040252	2.7443515165139	(227658)	16.2	29.90354	157.96102	225.49433	1.19900	0.0759966	2.8634734165152
(227607)	16.5	189.38429	334.03401	282.86735	3.02663	0.0389846	2.7447190165139	(227659)	16.5	209.00075	299.03545	251.33054	1.66486	0.0040853	3.0032197165152
(227608)	16.5	3.72062	116.48306	295.46333	7.87746	0.2154781	2.7582808165139	(227660)	15.6	68.64940	235.31596	87.51185	5.89204	0.1651326	3.1114915165153
(227609)	16.7	133.78656	133.99251	134.64903	1.27914	0.0459110	2.9268983165139	(227661)	15.4	81.19777	172.11599	151.03591	9.99670	0.0847021	3.0714236165153
(227610)	16.5	284.17878	101.11304	42.65780	2.02238	0.1722915	2.8704355165140	(227662)	15.9	308.17326	32.03435	44.51921	0.91321	0.1540254	3.2156731165153
(227611)	16.4	93.79477	136.94406	172.73071	2.02350	0.0602763	2.9096773165140	(227663)	16.6	25.54386	249.87288	160.57532	4.36757	0.0889712	2.6541165165153
(227612)	15.8	308.56588	226.60154	279.53937	4.25678	0.0856362	2.7243857165140	(227664)	16.1	286.34102	35.76322	103.26300	3.26746	0.0155443	2.9083549165153
(227613)	16.4	0.09641	107.14317	334.89822	1.73263	0.0885586	2.8521344165140	(227665)	16.2	124.47021	288.67699	358.83688	2.87927	0.1348874	3.0871678165154
(227614)	16.4	355.57398	309.51328	123.27034	2.33222	0.1680580	2.7325151165141	(227666)	15.3	47.33169	176.20410	200.91402	6.27768	0.0698215	2.9304130165154
(227615)	17.8	353.06573	156.71445	288.31767	1.12536	0.1798276	2.6573171165141	(227667)	15.4	276.45878	206.56055	305.04357	8.85192	0.0457687	2.9711607165154
(227616)	16.4	165.49674	295.31597	324.63074	2.16145	0.1120662	2.9138462165141	(227668)	16.0	255.67437	203.52985	316.67946	0.39605	0.1884939	3.0959315165155
(227617)	16.3	262.95073	49.63336	110.11551	2.30974	0.1011767	2.9010765165142	(227669)	16.1	200.65288	144.06092	78.47251	3.77690	0.0701721	2.9339678165155
(227618)	16.6	149.87031	311.22018	290.64552	0.81029	0.0453236	3.0223070165142	(227670)	16.6	133.45960	48.51958	239.99011	3.48184	0.0393120	2.7925632165155
(227619)	15.9	2.57863	169.31819	281.78729	4.12900	0.0870776	2.6825036165142	(227671)	16.0	68.08464	317.69146	22.68005	0.65348	0.0643912	3.0833717165155
(227620)	15.8	36.83258	11.07890	29.79238	2.38815	0.0478842	2.9135041165142	(227672)	15.6	111.53456	182.07199	115.43168	3.14407	0.0974432	3.1797629165156
(227621)	16.1	347.23882	294.28429	155.67144	12.22604	0.2555422	2.7212212165143	(227673)	16.6	213.27853	51.73263	146.70699	2.36161	0.0335641	3.0046867165156
(227622)	16.6	62.56756	71.01468	302.62555	0.38396	0.0845348	2.8619009165143	(227674)	15.7	75.98470	31.25654	297.70461	1.79412	0.1015875	3.0409896165156
(227623)	16.9	62.46813	283.01632	67.75615	2.98890	0.0852877	2.8712135165143	(227675)	15.9	84.02667	130.25386	183.48519	3.76582	0.1451819	3.0457838165156
(227624)	15.9	120.59150	304.96665	341.18278	3.01684	0.0730314	3.0581729165143	(227676)	15.6	329.44246	29.67630	79.21680	3.47530	0.0977822	2.8054479165156
(227625)	16.7	98.74606	87.20124	247.66742	0.64404	0.0554757	2.9139857165144	(227677)	16.5	28.40633	198.56731	204.40398	1.39249	0.0966409	2.7594318165157
(227626)	16.4	287.63496	118.57856	84.76662	13.32958	0.1828873	2.6265382165144	(227678)	16.1	96.81441	297.94552	40.39256	1.16654	0.0567223	2.9656969165157
(227627)	16.0	13.51143	355.70440	64.98557	2.98612	0.0612037	2.7583941165144	(227679)	16.3	353.42044	21.48745	41.86984	9.80443	0.1416480	2.7858716165157
(227628)	16.3	264.84807	122.33039	56.60091	3.14151	0.0095004	2.7704669165144	(227680)	15.7	22.66145	313.08229	85.64105	5.42681	0.0727200	2.7864318165158
(227629)	16.2	59.67150	260.55475	99.86580	3.11082	0.0802459	2.8510259165145	(227681)	15.7	357.92120	106.04543	313.32182	9.73682	0.0508663	3.0579504165158
(227630)	15.9	175.71435	233.73265	358.15213	1.93634	0.0376180	2.9923624165145	(227682)	16.6	39.72338	190.12273	195.80066	3.05264	0.0974116	2.7758482165158

(227683)	15.8	291.83588	199.53759	320.08492	4.52818	0.0547860	2.7540462165158	(227735)	15.8	321.63361	269.85328	210.24296	2.59187	0.0505080	3.0049135165171
(227684)	15.1	151.85406	150.36410	123.21936	12.25371	0.0249222	3.0079919165159	(227736)	16.4	299.48782	108.91964	33.98468	1.87702	0.1259007	3.0938375165172
(227685)	16.1	275.05450	106.33058	66.57880	3.85569	0.1173858	2.8609308165159	(227737)	16.0	256.92822	358.95513	179.27956	11.14584	0.0468254	2.9667480165172
(227686)	15.6	254.12096	11.58760	139.74084	2.38286	0.1287096	3.1404229165159	(227738)	16.0	263.24703	121.26015	47.54946	1.98388	0.1543379	3.1352278165172
(227687)	15.2	121.23877	181.89018	116.80037	10.87876	0.0393533	3.0385373165159	(227739)	16.0	308.55249	17.10834	99.42088	1.97636	0.0803874	3.0354551165172
(227688)	15.8	314.29617	95.05291	354.42001	8.75935	0.0424608	3.0817822165160	(227740)	15.5	242.07454	134.31021	62.49402	2.32454	0.1370093	3.1010989165173
(227689)	16.5	340.67485	18.52255	70.47383	3.25092	0.0294197	2.9077785165160	(227741)	16.2	329.34036	357.95607	102.32096	2.53741	0.1264046	3.1309042165173
(227690)	16.5	276.34802	64.80920	93.81519	1.72730	0.0241604	2.9621846165160	(227742)	15.0	262.35654	117.01830	48.21877	10.60210	0.1692932	3.1308506165173
(227691)	15.6	91.85241	216.53780	118.98135	3.24649	0.0715749	3.0386154165160	(227743)	15.5	328.04364	240.86679	188.57420	14.94414	0.2115646	3.2052473165173
(227692)	15.3	354.60537	242.75304	174.16085	13.06398	0.0555773	3.2282762165161	(227744)	15.6	299.25521	86.11428	52.43746	10.92520	0.1109003	3.1695772165174
(227693)	16.8	2.07801	143.36975	342.19728	3.31149	0.2068194	2.6056099165161	(227745)	16.0	324.30250	51.73035	77.64828	3.42090	0.1015005	3.0324339165174
(227694)	15.9	330.20311	310.60590	154.93467	4.76088	0.2276915	2.8835724165161	(227746)	15.7	275.07618	115.19195	43.61700	6.82471	0.1986925	3.0289988165174
(227695)	15.6	226.37102	297.78248	253.03795	2.64635	0.1413446	3.1019300165162	(227747)	15.4	273.66143	307.80162	213.54076	11.69023	0.1048698	3.1207655165174
(227696)	16.5	47.15524	43.49489	350.40299	1.87842	0.0346097	2.9009131165162	(227748)	15.7	302.93764	349.17140	150.50637	4.82690	0.1888193	3.0297639165175
(227697)	14.6	313.40694	330.53564	134.73610	22.24941	0.0979890	3.1253823165162	(227749)	15.1	3.29539	2.35614	85.43457	11.92224	0.0663211	3.0683402165175
(227698)	15.9	223.37802	219.34365	359.38043	4.03642	0.0875463	3.1087708165162	(227750)	15.5	254.61083	163.86709	31.13184	5.30967	0.1699493	3.1460088165175
(227699)	14.8	336.54226	339.01278	104.37546	18.04082	0.1005527	3.0658138165162	(227751)	16.1	299.76487	11.30768	116.38118	2.12139	0.1341710	3.1429506165175
(227700)	16.2	10.13582	294.54308	169.19525	7.54729	0.1563611	2.6256419165163	(227752)	16.4	311.43685	181.50854	320.42871	0.61114	0.1361839	2.9368166165176
(227701)	15.9	50.81100	331.26344	84.00436	3.17718	0.0758129	2.7525829165163	(227753)	16.3	260.16246	254.07756	299.73361	0.59867	0.0491907	3.0235539165176
(227702)	16.2	16.14346	84.72648	312.02112	1.57336	0.0886356	3.1106991165163	(227754)	15.2	263.28958	119.21146	94.68795	11.76944	0.0517460	3.0231703165176
(227703)	16.3	318.63105	286.89264	171.58561	4.89496	0.1589234	3.0161831165164	(227755)	15.1	154.73047	297.25409	306.09685	1.81598	0.1051929	3.9852111165176
(227704)	15.5	17.57591	289.82905	112.65764	2.65965	0.1068651	3.0796495165164	(227756)	15.8	267.66068	126.45526	45.05390	18.81445	0.0741287	3.1904149165176
(227705)	16.6	66.44994	300.94385	95.38804	1.27800	0.1363349	2.7988063165164	(227757)	14.6	215.81333	159.87523	90.28353	21.90736	0.0739197	3.1609138165177
(227706)	16.3	248.14490	192.43474	358.30186	2.23667	0.0525114	3.0458311165164	(227758)	14.7	209.62882	158.01430	104.80073	17.56144	0.0978067	3.1101741165177
(227707)	15.9	160.23892	190.81485	87.76751	2.28718	0.0512599	3.0048806165164	(227759)	12.8	45.82487	82.32490	294.10794	7.45867	0.1051691	5.1831314165177
(227708)	15.6	358.58403	313.88715	135.81238	2.87413	0.0302647	2.8647077165165	(227760)	16.5	140.68216	193.02802	77.72013	26.58408	0.2421572	1.8727289165177
(227709)	16.0	350.26134	68.53491	1.06805	10.34645	0.1313381	3.1197748165165	(227761)	16.7	40.25267	249.93133	153.18766	23.49942	0.0834036	1.8954138165178
(227710)	14.9	286.91253	80.15224	36.38968	12.78064	0.0914776	3.1754466165165	(227762)	16.9	53.50162	136.54011	53.86807	22.97286	0.1026656	1.9567721165178
(227711)	15.4	234.64083	161.69354	29.07215	16.64991	0.2123411	3.0982259165165	(227763)	17.5	32.71789	213.75335	188.14979	21.98467	0.1095023	1.9544456165179
(227712)	15.9	160.48974	213.41025	66.97700	3.01129	0.0526136	3.1167597165166	(227764)	17.1	30.52572	5.62654	321.98549	8.11721	0.2862256	2.1819380165179
(227713)	15.7	53.11537	191.18245	166.04759	10.93184	0.0828445	3.0695853165166	(227765)	17.0	28.41011	52.67951	265.83473	2.67433	0.2088930	2.3691368165179
(227714)	15.8	270.12950	106.05080	34.05171	3.99499	0.1162040	3.1316526165166	(227766)	17.3	67.85285	278.87487	23.65646	7.94083	0.1152676	2.2425984165179
(227715)	15.9	303.98668	88.75406	30.12486	6.00141	0.1629354	3.0132998165167	(227767)	18.2	29.15808	142.14729	226.07058	1.29260	0.0771606	2.1911275165180
(227716)	15.9	353.89902	293.51718	134.87403	3.46241	0.0598813	3.1190518165167	(227768)	17.5	64.90454	345.04462	302.27642	4.26914	0.1604091	2.1977789165180
(227717)	16.4	175.48115	226.76604	34.22110	2.93229	0.0441991	3.0894752165167	(227769)	17.4	30.52546	80.10009	285.35504	1.01669	0.0397479	2.1926561165180
(227718)	15.7	308.85428	255.60104	309.60399	12.44983	0.1427827	2.5718402165167	(227770)	17.8	19.87900	348.84404	120.65685	4.25436	0.1437234	2.1982015165180
(227719)	15.4	309.69616	247.71120	244.94127	11.77376	0.0508894	2.8664813165167	(227771)	17.2	184.46504	347.71055	234.11550	4.66333	0.0939678	2.1811759165181
(227720)	15.7	175.60970	66.23122	185.37513	10.69739	0.0441066	3.2017117165168	(227772)	17.4	19.22096	355.90942	7.00962	6.36611	0.2102718	2.2020143165181
(227721)	14.9	286.65916	317.13761	195.10624	15.18834	0.1116595	3.1173388165168	(227773)	17.6	330.27717	279.65183	184.10004	1.22209	0.0916926	2.2120132165181
(227722)	14.9	255.09960	143.15635	45.16134	10.41359	0.0734228	3.0782152165168	(227774)	17.3	65.27322	290.33848	43.20867	8.38599	0.1584448	2.1690136165181
(227723)	15.9	213.30236	99.18497	114.06308	1.44951	0.1481538	3.1750553165169	(227775)	16.9	220.23755	156.54613	35.96958	8.17132	0.1042347	2.2326133165182
(227724)	16.3	136.32739	137.75235	144.06054	2.84640	0.0761351	3.1135160165169	(227776)	17.7	123.37090	232.65558	55.37943	6.58945	0.0919375	2.1548722165182
(227725)	16.6	31.47473	93.95887	303.38839	0.53889	0.0549161	2.9904371165169	(227777)	17.2	150.29981	259.04186	353.48846	4.71808	0.1491172	2.1802845165182
(227726)	16.7	243.80954	333.08174	216.52253	0.64915	0.0200937	3.0029297165169	(227778)	16.6	51.54348	12.41781	345.50702	3.29876	0.1178489	2.1493031165183
(227727)	16.3	69.67202	311.21488	84.16650	2.61332	0.1401996	2.7941350165170	(227779)	17.3	192.60640	264.58320	328.24675	0.92428	0.1027405	2.1352920165183
(227728)	15.0	263.43117	108.99220	46.04619	13.05966	0.1189775	3.1936812165170	(227780)	17.5	71.68590	91.68631	237.53499	5.63839	0.1287114	2.1599684165183
(227729)	16.0	264.64221	343.67243	191.66531	7.29873	0.0950715	2.9625623165170	(227781)	17.8	359.46213	52.77484	10.21089	1.68889	0.1149676	2.2578680165184
(227730)	15.3	326.65392	263.41107	188.94764	9.13365	0.1042225	3.1088561165170	(227782)	17.4	35.20331	623.67927	132.74020	2.42538	0.1104976	2.2488975165184
(227731)	15.9	11.44092	155.03787	267.79178	2.89822	0.0608801	3.0650439165171	(227783)	16.4	180.32336	4.48279	230.60316	3.67861	0.1930773	2.6054810165184
(227732)	16.3	226.44850	6.55237	203.93975	3.59468	0.1215581	2.9731586165171	(227784)	17.8	257.49859	187.80460	333.47503	0.67935	0.1260564	2.3688749165184
(227733)	15.5	264.24152	128.23139	33.68261	4.93077	0.1111627	3.2066355165171	(227785)	17.5	16.33777	125.89743	281.34384	6.63361	0.0751865	2.2613975165185
(227734)	16.8	3.01214	291.95547	154.91143	2.77406	0.1193136	2.9666803165171	(227786)	17.5	9.26325	339.35039	64.60249	5.94005	0.1309909	2.2012918165185

(227787)	16.9	320.25346	176.18300	273.06395	5.67753	0.0719273	2.2800487165185	(227839)	17.8	11.52505	60.37175	347.44828	2.00198	0.1972912	2.2915810165200
(227788)	17.6	185.86196	128.12129	114.48230	3.61914	0.1684934	2.3431749165185	(227840)	17.7	291.77710	153.61888	350.82614	1.22263	0.1345655	2.4221270165200
(227789)	16.7	66.03609	256.06843	65.76510	3.95289	0.1642843	2.3679830165186	(227841)	17.1	232.19899	52.56062	154.56169	5.32162	0.1743436	2.3227065165201
(227790)	17.5	18.95047	329.68433	18.28559	1.66479	0.2086275	2.4203528165186	(227842)	17.8	321.38971	352.66781	130.67086	1.75255	0.1270248	2.3521390165201
(227791)	17.6	7.00969	57.09615	331.60026	3.10146	0.2544053	2.2763005165186	(227843)	16.3	76.08025	183.36002	152.74402	11.97056	0.2430435	2.5691148165201
(227792)	16.8	174.82838	319.14738	287.25268	6.08527	0.0933501	2.3024038165186	(227844)	16.4	158.07016	268.00553	358.05101	4.24223	0.1141193	2.5637269165201
(227793)	15.8	114.95470	331.20450	311.64188	5.72307	0.2507609	2.5356622165187	(227845)	17.2	334.90154	287.43617	158.56992	2.85282	0.1374616	2.4006183165202
(227794)	16.6	267.24278	65.79076	87.91852	7.04174	0.0319905	2.2569579165187	(227846)	16.3	85.60198	183.31958	132.99375	2.25876	0.0698936	2.6649657165202
(227795)	17.3	238.57815	135.22690	48.96814	3.40817	0.1311018	2.4402132165187	(227847)	17.0	359.46030	275.19992	152.42937	1.51603	0.1685969	2.3772675165202
(227796)	16.7	283.75090	64.14110	85.93827	6.96822	0.0323837	2.2314068165187	(227848)	16.9	315.67842	141.77559	346.40902	2.26893	0.1181859	2.3465818165202
(227797)	17.2	37.42843	317.53137	64.89309	4.94097	0.1486514	2.2189816165188	(227849)	17.7	15.28152	32.46563	27.21789	2.70386	0.2223776	2.3406174165203
(227798)	17.6	313.26375	85.62511	37.15961	3.44807	0.1197629	2.2623746165188	(227850)	17.0	332.05810	128.63485	327.37408	0.65845	0.1464372	2.4173536165203
(227799)	17.4	140.68728	31.26414	238.21021	3.79281	0.1260285	2.2212038165188	(227851)	16.3	119.25244	282.27017	35.30816	4.53696	0.0889720	2.5423304165203
(227800)	17.0	357.31843	329.82568	101.51276	4.21037	0.1978694	2.2627413165188	(227852)	17.2	240.66530	353.82891	205.26361	0.80864	0.1320263	2.4026291165204
(227801)	17.0	1.76699	296.38183	123.26206	5.73894	0.1123500	2.2494960165189	(227853)	17.5	281.70586	256.77670	257.92052	0.50918	0.1236143	2.3741178165204
(227802)	17.2	338.96262	55.73465	33.77482	3.67837	0.1103435	2.2892548165189	(227854)	16.4	157.01893	264.93530	352.89444	8.24302	0.1172218	2.5725256165204
(227803)	16.4	236.53989	262.40255	304.77016	5.50959	0.0688862	2.3148692165189	(227855)	17.3	332.80987	129.15658	332.03538	5.42572	0.1750286	2.3698599165205
(227804)	17.0	275.29743	218.09092	308.79105	5.52127	0.1183758	2.2765530165190	(227856)	17.0	187.38043	206.55655	36.68535	1.68701	0.1251966	2.5275615165205
(227805)	17.0	238.57609	98.31462	92.75091	3.10008	0.1509726	2.3674332165190	(227857)	16.7	120.14805	274.54840	4.20325	4.02873	0.0716110	2.7257477165205
(227806)	16.8	240.76529	25.89854	166.72705	7.48918	0.0503674	2.3047672165190	(227858)	17.8	2.85572	53.63857	50.30235	1.35618	0.1600742	2.1962992165205
(227807)	17.3	248.30795	155.25843	32.56072	2.67328	0.1604153	2.3484045165191	(227859)	16.4	331.07623	317.73509	143.88437	8.71649	0.0662315	2.3683288165205
(227808)	17.9	345.89560	60.44516	32.42889	2.11970	0.1314605	2.1966077165191	(227860)	17.8	294.23364	112.04106	39.58974	2.93981	0.1705204	2.3311496165206
(227809)	17.3	331.76326	298.17827	151.68564	2.87741	0.1186733	2.2987625165191	(227861)	15.6	243.84715	236.51727	291.16001	9.74786	0.0864243	2.5574166165206
(227810)	15.9	107.57038	156.27241	126.68992	9.14067	0.1766934	2.6026222165191	(227862)	16.7	149.29326	201.93627	66.41878	3.49938	0.0764378	2.5743373165206
(227811)	17.9	302.21430	343.40154	149.50776	1.51245	0.1505350	2.3110866165192	(227863)	17.4	289.25149	94.88277	61.17338	3.36740	0.1438511	2.3529571165207
(227812)	17.2	327.89533	94.26795	16.78669	3.22965	0.1097581	2.2942358165192	(227864)	16.5	89.96939	253.33566	59.03218	4.78850	0.1092622	2.7267752165207
(227813)	17.5	245.18329	33.18963	155.38146	3.46953	0.0897455	2.3647736165192	(227865)	16.5	339.04728	221.89940	176.15447	12.87260	0.1068419	2.8087083165207
(227814)	17.2	290.43477	120.77766	26.07169	4.20454	0.1101244	2.3152102165193	(227866)	17.2	260.76962	5.06751	185.77840	1.31834	0.1179207	2.4182344165207
(227815)	17.4	330.84725	297.55959	155.90691	3.13887	0.1220853	2.3603505165193	(227867)	17.8	312.64558	227.45320	261.44352	1.54945	0.1434815	2.3869212165208
(227816)	16.9	32.03948	62.58505	321.61808	5.83266	0.1193273	2.4140712165193	(227868)	16.9	2.43004	319.98174	101.47805	2.55615	0.1185347	2.58193328165208
(227817)	16.9	257.80264	31.29282	138.65803	3.31976	0.1253867	2.4352388165193	(227869)	16.8	340.90495	94.31574	327.07500	1.06822	0.0622329	2.6664075165208
(227818)	17.4	344.08428	172.48522	239.57344	1.71566	0.1989464	2.4491544165194	(227870)	16.9	25.49658	51.12012	346.94817	3.86133	0.2017372	2.3709918165208
(227819)	17.2	6.23859	248.73335	160.12166	7.75135	0.1897086	2.3466568165194	(227871)	16.8	120.95829	129.17043	179.15938	3.23149	0.0193391	2.5357680165209
(227820)	16.5	85.04564	282.41907	37.16296	2.45773	0.1120206	2.6561439165194	(227872)	16.6	130.12191	214.40679	65.81584	0.75739	0.0222181	2.7165118165209
(227821)	17.6	37.06404	241.45564	147.05212	3.81527	0.1465057	2.3006391165194	(227873)	15.9	60.95560	152.52512	183.36934	3.87917	0.1733175	2.6262650165209
(227822)	17.3	220.01929	245.05478	327.26813	6.30323	0.0549111	2.2937740165195	(227874)	17.4	316.01095	319.42969	172.38095	3.43971	0.1647435	2.3121500165209
(227823)	16.7	292.51040	110.02698	28.87326	6.02080	0.0977680	2.2985140165195	(227875)	17.0	236.53234	266.83924	299.98881	0.57033	0.1374708	2.4404550165210
(227824)	17.1	320.48888	289.09819	184.14946	1.49942	0.0738712	2.3013569165195	(227876)	16.9	291.95684	216.72685	305.75782	3.80775	0.1672313	2.3391912165210
(227825)	16.7	216.08965	96.25753	123.08953	3.06999	0.1461531	2.4052762165196	(227877)	16.0	190.48163	108.47130	139.21962	3.59180	0.2470538	2.6626754165210
(227826)	16.6	307.68943	200.90303	298.31692	3.39250	0.1095266	2.3111897165196	(227878)	16.9	266.78602	349.36723	201.95294	2.11874	0.1628857	2.3644579165211
(227827)	17.2	304.22356	302.91140	205.00849	2.72016	0.1259727	2.3005277165196	(227879)	16.1	298.18656	101.45138	12.33291	8.20399	0.1356968	2.6680580165211
(227828)	17.0	249.14513	66.35056	131.47574	3.42954	0.1441993	2.3605765165197	(227880)	17.0	251.56162	126.65461	36.04454	6.61513	0.2066206	2.6020176165211
(227829)	17.2	45.38115	227.12545	144.12165	7.10620	0.1228868	2.3431798165197	(227881)	17.3	314.45427	25.04901	102.86229	3.48483	0.1523900	2.3209095165211
(227830)	17.3	278.15291	20.87632	141.33719	2.62464	0.1281304	2.3538972165197	(227882)	16.9	323.12080	339.99649	135.98725	3.74646	0.1681051	2.3366383165212
(227831)	17.1	270.96029	284.93469	230.72275	1.08508	0.1302254	2.4170887165197	(227883)	16.7	105.55523	328.75511	344.61077	0.47011	0.1558409	2.5586692165212
(227832)	17.1	292.93742	224.68208	271.36920	1.72102	0.1845007	2.3631790165198	(227884)	16.2	119.05316	272.55630	16.46023	4.73222	0.0436240	2.7743132165212
(227833)	16.4	3.34180	175.65178	234.96138	5.64787	0.1129698	2.3810113165198	(227885)	16.1	137.89504	95.81426	164.00802	2.76974	0.0757719	2.9000670165213
(227834)	17.1	296.44104	122.48421	17.41756	2.59070	0.1582789	2.3621527165199	(227886)	17.1	301.66261	96.59142	16.85711	3.54515	0.0876693	2.6497053165213
(227835)	17.2	332.95118	211.76779	236.70848	2.60729	0.1549323	2.3538793165199	(227887)	16.4	316.53232	279.28635	188.90342	3.40709	0.0389024	2.6240794165213
(227836)	17.6	310.89908	129.92377	352.75024	4.00743	0.1041823	2.3195221165199	(227888)	16.2	174.14599	205.91823	38.18254	4.61495	0.0197869	2.7416284165213
(227837)	16.5	297.36552	31.17602	113.83722	3.14124	0.1646983	2.3556436165199	(227889)	17.4	358.59073	21.62872	89.31713	1.40715	0.1518776	2.2740900165214
(227838)	16.8	288.69050	10.39086	149.60124	6.01910	0.1604659	2.3495482165200	(227890)	17.7	354.36705	279.01205	151.98913	2.59561	0.1557911	2.3390864165214

(227891)	17.2	7.88384	316.76270	122.99682	3.29682	0.1856871	2.3142146165214	(227943)	16.1	256.88306	111.83054	59.15308	3.78798	0.0336362	2.6856765165227
(227892)	15.7	78.50288	271.16394	38.25602	4.80841	0.1742899	3.0951086165214	(227944)	17.0	260.70633	112.85456	69.71986	2.56452	0.0420765	2.5745601165228
(227893)	16.7	163.68588	50.79091	222.20978	4.88737	0.1431361	2.6887853165215	(227945)	16.8	283.34412	306.74674	208.86682	4.55740	0.0346017	2.6738178165228
(227894)	16.8	25.82076	83.02152	318.48808	5.75741	0.1432606	2.3315171165215	(227946)	16.8	60.95807	164.56135	229.35651	1.63345	0.1809852	2.5736357165228
(227895)	15.8	45.61125	140.23179	205.35548	10.85730	0.0750635	3.0385272165215	(227947)	16.5	22.15531	14.22346	25.71218	3.80212	0.0980499	2.8077720165228
(227896)	16.5	196.39670	92.43784	143.58613	3.27221	0.1279996	2.7093691165215	(227948)	16.3	302.76141	83.01582	56.79859	13.87026	0.1357219	2.5876813165229
(227897)	17.6	318.52866	294.59137	194.85738	4.63467	0.1481073	2.2852744165215	(227949)	15.5	219.71690	333.49185	206.97751	12.83178	0.1559146	2.7297525165229
(227898)	17.2	54.01473	214.96244	152.25353	2.60153	0.2251797	2.3279911165216	(227950)	17.3	349.40015	281.77964	175.09318	7.58859	0.1617569	2.4542523165229
(227899)	16.7	24.71062	27.69067	347.98361	3.94841	0.1405295	2.6358690165216	(227951)	16.2	276.18106	298.84875	221.21883	12.12667	0.1279324	2.6028419165229
(227900)	17.8	322.44739	93.30257	13.71451	1.25116	0.1497045	2.4213543165216	(227952)	15.8	290.48416	247.09700	243.62864	5.02663	0.0127525	2.8122421165230
(227901)	16.3	127.79335	80.91878	209.57869	4.50262	0.1555535	2.7838276165217	(227953)	15.6	336.34017	44.90270	25.29652	17.83196	0.1243545	2.8757000165230
(227902)	14.9	91.29393	275.69171	32.68492	22.98442	0.1340921	3.0737466165217	(227954)	14.6	164.77346	187.10920	54.66263	25.75135	0.2050391	3.0795827165230
(227903)	15.4	226.74688	158.15749	38.25888	15.21214	0.1225265	2.7198065165217	(227955)	15.1	163.74595	211.38354	38.78861	11.44220	0.0588812	2.9850840165230
(227904)	16.7	268.36960	95.46912	40.44666	5.19490	0.0611406	2.7936414165217	(227956)	16.5	98.64031	254.90311	55.41011	0.97074	0.0601187	2.7854433165231
(227905)	15.8	345.55309	60.17339	25.40822	11.71838	0.0471990	2.6786936165218	(227957)	16.4	75.59766	243.08580	91.78643	0.45158	0.0776176	2.7686687165231
(227906)	15.7	49.82943	135.15094	198.96261	8.35321	0.0669740	3.1097710165218	(227958)	16.4	354.45542	277.67168	147.99967	5.31836	0.0998610	2.7208959165231
(227907)	15.4	343.51829	180.31413	211.05087	8.92591	0.0441587	3.2441693165218	(227959)	15.5	131.70640	218.83075	43.10169	14.72794	0.2349438	3.1514206165231
(227908)	16.4	248.38708	324.95138	227.91214	4.96287	0.1127659	2.5683365165218	(227960)	15.0	153.47914	203.72019	42.36334	13.66671	0.1104415	3.1692324165232
(227909)	16.7	232.98285	173.26106	16.95032	5.58293	0.1438421	2.5696627165219	(227961)	17.0	18.33597	22.21178	28.44118	14.57575	0.1598632	2.5851833165232
(227910)	17.5	303.10795	116.86339	16.05895	2.31586	0.1523319	2.4046047165219	(227962)	15.9	138.79912	126.29213	147.26582	5.40957	0.0170802	2.9148262165232
(227911)	16.3	353.33977	239.23433	198.83045	5.46350	0.0965796	2.5655893165219	(227963)	16.5	219.71984	14.88460	211.71137	6.56455	0.1131980	2.5768556165232
(227912)	16.8	346.13635	229.22680	205.71059	4.13915	0.0753388	2.6679875165219	(227964)	16.0	88.65130	323.66965	18.79083	1.33795	0.0778566	2.7966712165233
(227913)	16.5	56.90610	232.16019	121.53923	2.88160	0.0933685	2.7128362165220	(227965)	15.2	98.10144	259.84989	50.86701	10.57519	0.0891337	3.1090431165233
(227914)	16.7	205.43489	178.17280	52.60111	10.43843	0.0363455	2.6010197165220	(227966)	16.0	161.82200	217.43010	54.29270	5.28987	0.0280525	2.7805406165233
(227915)	16.7	212.72926	175.69835	16.53139	3.28222	0.0347192	2.7289215165220	(227967)	15.8	156.30507	53.34841	197.27555	4.30697	0.1058632	3.0823258165233
(227916)	17.2	260.37259	232.45924	325.59773	1.63767	0.1393423	2.3716566165220	(227968)	15.4	173.92088	24.45588	207.26551	5.06968	0.0957334	3.1201834165234
(227917)	17.4	254.14392	170.72260	25.52482	5.83406	0.0760869	2.4622261165221	(227969)	17.0	334.03089	285.57895	146.90762	1.97176	0.0545065	2.7623685165234
(227918)	17.0	255.38755	178.90423	19.54882	2.56355	0.1481530	2.4385545165221	(227970)	16.4	91.17826	283.26634	25.02319	10.36665	0.0302687	3.0801112165234
(227919)	17.4	281.66902	324.27755	178.66124	4.01256	0.0999724	2.5556893165221	(227971)	15.2	157.00679	222.50130	36.34288	10.61693	0.0763143	2.9873073165234
(227920)	16.8	219.54598	25.02076	191.20031	5.36541	0.2075863	2.6234779165221	(227972)	15.5	98.69907	265.64625	65.32147	11.25507	0.1251841	2.9646579165235
(227921)	15.6	88.82394	149.75206	191.03901	5.55277	0.0839420	2.8014703165222	(227973)	15.3	36.52975	166.33751	199.47091	9.23761	0.0263175	3.0616256165235
(227922)	16.8	181.45862	62.38130	179.96232	2.80842	0.0610573	2.7852443165222	(227974)	16.5	144.20882	145.71118	109.34665	2.39415	0.0405801	3.0956296165235
(227923)	16.2	235.86985	38.18969	164.18047	3.68641	0.1720672	2.6150777165222	(227975)	16.7	131.20816	230.07518	61.06000	7.91510	0.0415419	2.8686405165235
(227924)	15.6	185.73238	172.21950	77.58931	15.08651	0.0529785	2.6644712165222	(227976)	15.9	152.45233	164.33663	74.18966	5.57594	0.1196369	3.1912712165236
(227925)	15.9	250.72005	118.47829	77.17719	10.37075	0.0558877	2.5764978165223	(227977)	15.7	225.33316	123.49121	53.99242	11.26121	0.0437709	3.0131335165236
(227926)	16.6	102.73751	262.01591	40.42371	1.13784	0.0944011	2.9727948165223	(227978)	15.7	42.76906	324.06372	31.22824	6.01089	0.1252279	3.1064806165236
(227927)	15.5	180.48388	165.13678	68.31068	19.80578	0.1759810	2.7920903165223	(227979)	15.7	153.86868	129.42406	126.08621	2.95600	0.0826656	3.1279341165236
(227928)	15.8	106.68148	245.64781	38.50885	2.45756	0.1793848	3.1318242165223	(227980)	15.6	142.71452	174.13387	83.29406	10.00336	0.0241180	2.9976798165236
(227929)	16.5	154.11316	254.44036	16.84146	3.97713	0.1730670	2.7852059165224	(227981)	17.1	6.96658	1.69518	109.08786	4.80392	0.1055369	2.3891661165237
(227930)	15.6	105.05635	251.41814	48.36991	9.26858	0.2343191	3.1396125165224	(227982)	16.1	105.55702	247.19755	44.61263	5.32647	0.1417728	3.2022063165237
(227931)	16.5	171.80655	235.01948	6.54743	1.77210	0.0254814	2.7180769165224	(227983)	15.0	150.62515	30.91972	205.24872	16.11934	0.1124680	3.1765836165237
(227932)	16.7	124.49000	96.13897	179.81235	1.88515	0.0304394	2.8717635165225	(227984)	15.0	125.55293	225.91504	64.72511	11.40816	0.1141246	3.0655218165237
(227933)	17.8	273.69671	198.11817	326.75492	0.83433	0.1357880	2.4552979165225	(227985)	15.6	139.48336	61.41918	214.54942	3.01505	0.0830745	3.0050477165238
(227934)	16.3	98.55008	104.47493	228.22843	3.50085	0.0741503	2.8088451165225	(227986)	15.3	149.73426	200.81269	66.90194	10.22877	0.0574942	3.0839320165238
(227935)	16.4	110.76161	132.67735	185.75465	1.68246	0.0655722	2.8682297165225	(227987)	15.9	124.11999	222.00568	63.61655	6.12553	0.1635177	3.0934653165238
(227936)	15.8	77.50862	124.15295	205.42418	2.97550	0.0974848	3.1750226165225	(227988)	16.0	112.28424	73.95386	208.79990	8.26090	0.1113748	3.1590769165238
(227937)	16.8	11.47446	236.46842	190.32798	2.33274	0.0789772	2.7095660165226	(227989)	16.6	147.02067	229.67688	59.99670	1.32208	0.0394097	2.7981976165239
(227938)	16.2	244.28006	330.25669	189.16261	7.90226	0.0109017	2.7844400165226	(227990)	15.1	172.36133	180.78698	62.63911	10.75996	0.1186375	3.1059869165239
(227939)	15.8	135.61992	232.01224	34.03202	11.32322	0.1949948	3.1108825165226	(227991)	15.1	340.05390	229.43296	234.19248	12.43578	0.1318464	2.5901688165239
(227940)	14.9	120.84656	246.95445	37.84189	11.54610	0.1060391	3.0961593165226	(227992)	16.0	109.99915	249.52891	66.60937	6.01198	0.1655658	3.1222384165240
(227941)	15.3	304.62857	40.72372	56.97310	9.21433	0.0290497	2.9306021165227	(227993)	16.5	219.17726	348.52426	220.24845	6.67276	0.0508774	2.8818147165240
(227942)	16.8	309.99381	327.51248	142.06259	3.20062	0.0362404	2.7523326165227	(227994)	15.7	174.92770	36.33191	210.62891	10.02807	0.0591728	3.0030807165240

(227995)	16.2	49.84599	312.38027	59.28452	2.29803	0.0697648	2.9914414165240	(228047)	17.4	301.32048	286.69038	221.59002	21.07472	0.0750829	1.9288733165254
(227996)	17.1	303.78131	281.65432	198.70884	4.23705	0.0717738	2.7745246165240	(228048)	17.5	66.90378	271.14480	79.16123	4.90901	0.2022413	2.2047030165254
(227997)	14.9	91.56469	225.75620	103.36703	17.42681	0.0403422	3.1041498165241	(228049)	17.2	89.18429	107.79067	190.80767	2.83823	0.1909514	2.6340838165255
(227998)	15.6	28.35949	188.47862	203.79496	9.56986	0.0876394	3.1419159165241	(228050)	16.6	42.06557	291.44793	79.97599	12.79251	0.2156503	2.3615791165255
(227999)	15.8	176.73032	67.68352	168.36341	0.85662	0.1001445	3.1229747165241	(228051)	16.8	101.21711	155.83233	150.91066	6.88804	0.1361979	2.3918223165255
(228000)	14.6	336.97166	203.86307	232.30958	22.83649	0.0392845	3.1682760165241	(228052)	17.4	143.27897	59.37926	216.21051	4.18714	0.1037514	2.1952388165255
(228001)	15.5	28.23062	193.42069	201.88724	15.21774	0.0342872	3.1187863165242	(228053)	16.9	101.37503	68.57658	208.09424	4.02644	0.1582060	2.6697066165256
(228002)	15.7	65.63179	275.75206	76.63855	8.19240	0.0394421	3.1314193165242	(228054)	17.4	159.69636	262.99265	3.74750	3.70358	0.1779176	2.1751248165256
(228003)	16.1	258.90542	59.94435	136.31333	4.14395	0.0608353	3.1468422165242	(228055)	16.6	48.19523	296.98986	59.73215	10.32788	0.1307982	2.3870593165256
(228004)	13.6	347.47531	325.23672	94.75399	4.42878	0.0714157	5.0859030165242	(228056)	17.4	128.22283	139.04373	141.25207	2.89403	0.1150151	2.3519907165256
(228005)	13.0	88.06156	325.54974	357.74781	6.63299	0.0224681	5.2392045165243	(228057)	17.4	131.46209	52.09299	213.36386	0.81997	0.1603955	2.3865793165257
(228006)	13.0	34.45550	105.82014	277.77702	5.91871	0.1006561	5.1914722165243	(228058)	16.4	130.49679	102.19938	184.42396	7.74799	0.0899598	2.2895636165257
(228007)	13.5	16.68399	210.61534	194.92598	7.28999	0.0850529	5.2436487165243	(228059)	16.2	164.46047	34.85905	168.28773	13.96243	0.1242743	2.5680415165257
(228008)	13.1	29.69285	27.58369	5.89664	6.96611	0.0421010	5.2169787165243	(228060)	17.7	172.85791	221.45985	14.22724	2.17238	0.0969824	2.2163758165257
(228009)	12.6	30.51892	130.22066	267.64881	6.53726	0.0500360	5.1551845165244	(228061)	16.6	7.25954	145.91876	215.30448	5.83801	0.0545946	2.7913084165258
(228010)	13.4	15.76281	149.79464	254.18566	3.39202	0.0076238	5.2175976165244	(228062)	16.6	271.46042	284.45374	171.16126	5.31147	0.0545638	2.7257094165258
(228011)	13.0	353.33597	37.93749	23.50076	3.79629	0.0378469	5.3629896165245	(228063)	17.0	72.35661	254.23733	72.04848	4.74598	0.2916058	2.5761329165258
(228012)	17.1	83.41881	337.97063	349.42405	18.14158	0.0970876	1.9515912165245	(228064)	15.6	84.89361	176.95272	106.31011	16.46771	0.1209949	2.8413511165258
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(228015)	17.0	120.81706	37.67290	208.56725	6.65117	0.0716086	2.4229245165246	(228067)	15.0	166.02837	301.15169	295.52726	9.65370	0.0532840	3.0661887165259
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(228021)	16.0	90.54599	240.57495	50.31570	13.73048	0.2611317	2.6502965165247	(228073)	15.4	163.48376	216.11488	32.12754	7.91251	0.1208217	3.0983958165261
(228022)	17.4	135.39057	165.39438	111.59100	2.02422	0.1051998	2.1606658165247	(228074)	15.2	4.50861	188.77024	237.82139	6.67771	0.1441689	3.0480311165261
(228023)	15.8	66.92295	281.39667	41.73097	11.80412	0.2045869	2.6158436165248	(228075)	15.4	100.87703	260.43219	38.34264	10.24854	0.1582023	3.0756019165261
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(228035)	16.8	72.89085	240.05384	42.70156	2.91745	0.1704395	2.7458176165251	(228087)	14.9	309.73444	328.51590	147.13065	11.00860	0.0465100	3.1034982165264
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(228042)	16.6	113.55030	63.40829	211.54633	12.80765	0.1739161	2.5827539165253	(228094)	16.7	146.00208	138.03200	147.73765	2.61835	0.0463069	2.8636702165266
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 (228172) 16.8 19.86004 358.35225 21.39145 2.18617 0.2564650 2.8019006165286
 (228173) 15.0 38.17991 187.84028 155.61400 10.76132 0.0813042 3.1285894165287
 (228174) 15.4 12.33671 225.79845 169.99248 10.66000 0.1331663 2.9809970165287
 (228175) 16.9 32.69934 159.20683 224.46382 5.11862 0.2286834 2.3537265165287
 (228176) 17.5 19.24924 275.56782 104.33010 2.80994 0.1926015 2.4059909165288
 (228177) 16.0 17.51048 339.50740 34.73791 5.14047 0.1501746 3.0803303165288
 (228178) 16.8 11.79292 189.12021 189.22441 3.29155 0.1969301 2.6851070165288
 (228179) 17.5 24.96709 187.30748 203.80936 0.48287 0.1854972 2.3691926165288
 (228180) 17.4 38.54584 153.25122 219.29250 4.29719 0.1758180 2.1760983165289
 (228181) 15.2 62.65673 85.28902 255.99590 8.48278 0.0596948 3.0828497165289
 (228182) 17.3 28.33970 168.66420 214.71041 2.54404 0.1891593 2.3861125165289
 (228183) 16.2 42.26337 191.66422 161.69264 3.73382 0.1363521 2.6480839165289
 (228184) 16.8 65.19616 289.14555 40.56714 7.19238 0.1331623 2.3529084165290
 (228185) 17.1 343.33950 340.12941 97.47588 5.70642 0.1670088 2.3727816165290
 (228186) 16.9 27.22499 327.83254 52.10020 7.53591 0.1987802 2.2924773165290
 (228187) 15.5 10.10096 195.00611 219.00780 12.69914 0.1098750 2.9932015165290
 (228188) 16.7 32.11478 11.58015 4.44386 7.51664 0.1570807 2.6054437165291
 (228189) 17.1 88.67799 117.43141 195.59456 2.13204 0.1456618 2.2911027165291
 (228190) 15.8 231.84778 88.36304 107.08403 2.71167 0.0462526 3.0582707165291
 (228191) 16.4 56.34987 322.53231 45.20068 6.90621 0.0422516 2.7047255165292
 (228192) 16.7 13.92990 211.89750 196.59222 3.90148 0.0746060 2.6138380165292
 (228193) 15.2 29.72385 208.47587 178.25003 11.38004 0.2222227 3.0855768165292
 (228194) 15.7 91.24408 1.12900 318.76075 8.25422 0.1790502 2.5402274165292
 (228195) 16.1 20.58665 68.38642 9.69263 5.27396 0.2710064 2.5345390165293
 (228196) 15.0 38.19513 348.15960 34.31049 7.05296 0.2623651 3.0814438165293
 (228197) 15.1 119.33738 78.50392 217.69420 10.91795 0.1374511 2.7282041165293
 (228198) 16.4 34.26372 21.65794 32.82639 7.79467 0.1192315 2.3114522165294
 (228199) 15.3 53.20839 164.55110 190.10472 11.54041 0.0647787 3.0361744165294
 (228200) 16.3 28.19215 202.43914 168.24846 9.70360 0.2044627 2.7504880165294
 (228201) 17.2 349.57118 313.88280 97.86849 3.48620 0.2247870 2.7613137165295
 (228202) 16.1 74.77249 289.68549 52.61683 11.28272 0.1996206 2.7306073165295

(228203) 15.0 16.17474 291.47173 85.59077 9.20619 0.0525398 3.0559038165295

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

2002 XM ₂₀	= 2002 VJ ₁₃₀	<i>MPO</i> 48394
2004 TK ₄₉	= 2006 BX ₂₃₅	<i>MPO</i> 95495
2004 TE ₈₇	= 2009 UP ₄₃	<i>MPO</i> 163687
2007 GA ₇₄	= 2007 GL ₇₂	<i>MPO</i> 126003
2007 HT ₃₃	= 2004 XT ₁₄	<i>MPO</i> 120640
2009 UH ₂₇	= 2007 HU ₅₅	<i>MPO</i> 164074

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

1960 SX = 2009 SV₃₅
 1988 PF₁ = 2009 WD₇₇
 1991 JN = 2009 UL₁₄
 1994 GR₄ = 2009 WB₁₆
 1994 PF₄ = 1979 OF₄ = 2009 SZ₆₉
 1994 SU₈ = 2009 UH₅₁
 1995 FU₈ = 2009 WG₆₆
 1995 SW₄₄ = 2009 WK₁₇₈
 1995 SZ₈₁ = 2009 US₂₃
 1995 UP₂₁ = 2009 VC₃₃
 1995 UZ₇₈ = 2009 WO₄₅
 1995 WA₁₄ = 2009 WF₁₄₀
 1996 GU₅ = 2009 WV₁₆₅
 1996 RR₇ = 2009 UG₅₃
 1996 TK₂₇ = 1996 TT₃₆ = 2005 YM₆₀ = 2009 VH₃₉
 1997 SG₃₀ = 2008 QF₄₂ = 2009 VK₆₀
 1998 QT₁₀₁ = 2009 UF₂₁
 1998 RF₂₂ = 2007 VZ₂₇₃ = 2009 BT₂₄
 1998 RJ₈₁ = 2009 VG₁₁
 1998 SL₉₇ = 2009 TW₂₅
 1998 SE₁₅₀ = 1998 TX₃ = 2009 WR₂₇
 1998 SW₁₇₆ = 2009 WS₁
 1998 TZ₄ = 2003 ST₃₅₁ = 2009 VW₂₄
 1998 UW₉ = 2009 QN₅₅
 1998 UO₁₁ = 2009 WA₄₂
 1998 UL₄₁ = 2009 TG₂₃
 1998 VS₃ = 2009 VV₄₀ = 2009 VM₈₁
 1998 VS₄₁ = 2009 UW₁₀₀
 1998 VD₅₇ = 2009 SA₃₂₀
 1998 WS₂₄ = 2009 WH₂₉
 1998 YW₅ = 2009 WL₁₀₆
 1999 RY₂₂₁ = 1999 SR₂₇
 1999 TS₇₈ = 2008 OB₂₃
 1999 TE₁₁₄ = 2009 WZ₁₅₂
 1999 TF₁₁₇ = 2009 VJ₃₂
 1999 TF₁₄₃ = 2008 SD₂₈₄
 1999 UF₂₁ = 2008 VP₇₄

1999 UJ₂₈ = 2006 DP₂₀₄ = 2009 VK₄₂
 1999 VK₈₃ = 2009 VJ₈₂
 1999 VK₁₃₁ = 1999 UF₆₃ = 2009 WL₁₄₃
 1999 XN₈₀ = 2008 ED₈₄
 1999 XG₂₂₇ = 2009 UB₇₁
 2000 AK₂₂₁ = 2000 AZ₂₁₀ = 2009 WK₉
 2000 BP₂₁ = 2009 UE₁₃₂
 2000 BS₄₀ = 2006 DR₁₇₁ = 2009 SL₃₄₆
 2000 CS₆₉ = 2009 WP₇₃
 2000 CW₁₂₉ = 2009 WZ₂₁₁
 2000 DE₁₀₈ = 2009 VW₆₇
 2000 DY₁₁₃ = 2009 WS₅₀
 2000 DD₁₁₅ = 2009 VC₇₇
 2000 DR₁₁₅ = 2009 WZ₈₅
 2000 EH₅₂ = 2006 KF₄ = 2008 UW₃₅₈
 2000 GV₈₆ = 2009 VX₆₃
 2000 JR₈ = 2009 WM₁₃₄
 2000 PZ₁₇ = 2009 VW₃₆
 2000 QF₁₀₀ = 2009 TZ₄₀
 2000 QD₁₆₂ = 2009 UG₁₃₈
 2000 QV₁₆₈ = 2009 VX₃₆
 2000 QU₂₀₃ = 2009 UP₁₃₅
 2000 SD₁₈ = 2008 UE₃₅₅
 2000 SJ₁₉ = 2009 VO₇
 2000 SU₁₉ = 2009 VU₂₆
 2000 SN₂₇ = 2009 VH₄₄
 2000 SS₅₈ = 2009 TK₁₄ = 2009 UB₁₁₈
 2000 SE₁₂₉ = 2009 SY₈₃
 2000 SZ₃₃₈ = 2008 UN₃₅₇
 2000 TQ₃ = 2005 XK₁₈ = 2009 UD₁₀₈
 2000 TC₂₂ = 2009 VZ₄₆
 2000 TR₃₁ = 2009 WG₁₆
 2000 TP₄₀ = 2009 SD₂₄₀
 2000 UF₈₄ = 2009 UY₅₄
 2000 VU₁₁ = 2007 EK₂₀₈ = 2009 VE₁₀
 2000 WV₆₆ = 2008 SS₂₈₂
 2000 WB₁₅₁ = 2009 VE₃₉
 2000 WC₁₇₂ = 2009 WQ₂₀₂
 2001 AH = 2009 VL₇₂
 2001 BS₄₆ = 2009 WW₁₄
 2001 CV₁₄ = 2009 VS₅₁
 2001 DK₇₉ = 2009 SC₂₆₁
 2001 DE₁₀₉ = 2009 TG₂₈
 2001 KQ₅₃ = 2009 WW₁₂₆
 2001 NS₅ = 2008 OE₂₃
 2001 RB₅₅ = 2009 VA₁₂
 2001 RX₁₀₄ = 2007 TJ₄₃₇
 2001 RJ₁₃₀ = 2009 WR₁₉₄
 2001 SC₂₂₇ = 2008 RZ₁₂₉
 2001 SE₂₈₂ = 2009 WB₈₆
 2001 TT₁₂₁ = 2009 VB₁₄
 2001 UG₂₂₁ = 2009 VN₂₆

2001 WG₁ = 2009 VP₆₀
 2001 WB₁₅ = 2009 WA₈
 2001 WA₉₄ = 2009 VH₅₇
 2001 XM₃₉ = 2009 VF₃₉
 2001 XB₄₂ = 2009 VE₂
 2001 XA₁₀₄ = 2009 WK₁₉₅
 2001 XN₁₆₀ = 2009 SP₃₂₆
 2001 XM₁₆₂ = 2008 SL₂₈₁
 2001 YA₇ = 2009 VK₇₅
 2001 YU₁₅₁ = 2009 UB₁₃₉
 2001 YH₁₅₃ = 2009 UP₁₃₂
 2001 YE₁₅₇ = 2009 VY₂
 2002 AF₃₁ = 2009 WN₁₈₆
 2002 AY₁₂₆ = 2009 WC₁₅
 2002 AV₁₇₂ = 2009 VP₄₁
 2002 BF₃₂ = 2009 WU₁₉₃
 2002 CZ₂₈ = 2009 WP₄₉
 2002 CA₁₂₂ = 1998 GC₁₃
 2002 CZ₃₀₅ = 2009 WP₁₇₂
 2002 DU₁₈ = 2009 UE₁₀₆
 2002 EX₁₁₇ = 2004 RZ₂₂₅ = 2009 WC₈₆
 2002 ER₁₃₁ = 2007 TW₁
 2002 GQ₁₂₈ = 2004 XS₁₂₇
 2002 GX₁₃₃ = 2009 VV₇₆
 2002 GD₁₃₉ = 2004 TB₂₉₇ = 2009 UF₃₈
 2002 JN₃₃ = 2007 GA₁₆ = 2009 UO₃₈
 2002 JO₅₄ = 2009 VD₈₄
 2002 JK₉₁ = 2009 UH₃₄
 2002 NX₆₉ = 2007 HY₈₅
 2002 PM₁₂₉ = 2008 GE₁₄₂
 2002 PY₁₃₆ = 2009 VK₃₃
 2002 PS₁₆₆ = 2009 QX₄₆
 2002 PU₁₇₆ = 2009 VV₂₁
 2002 PS₁₉₀ = 2009 WP₅₅
 2002 QO₂₂ = 1999 WG₂₇ = 2009 WO₂₈
 2002 QW₃₆ = 2009 UX₁₁₂
 2002 QQ₈₄ = 2008 SM₂₉₁
 2002 QQ₈₈ = 2009 WW₂₈
 2002 QA₉₆ = 2009 WC₁₆₅
 2002 QR₁₀₃ = 1997 RW₄
 2002 QQ₁₀₅ = 2009 WR₄₇
 2002 QE₁₁₂ = 2009 WL₃
 2002 QR₁₃₇ = 2005 GU₁₀₂ = 2006 QT₈₂
 2002 QT₁₃₇ = 2007 VS₂₈₂
 2002 QA₁₃₈ = 2006 VU₉₁
 2002 RT₂₂ = 2009 WR₉₂
 2002 RY₆₉ = 2009 WM₁₅₅
 2002 RX₇₇ = 2009 WQ₇₈
 2002 RC₁₆₄ = 2009 UU₉₃
 2002 RR₂₄₈ = 2009 VZ₅₉
 2002 RX₂₆₇ = 2008 SR₂₈₄
 2002 ST₇ = 2009 WQ₁₀₃

2002 SD₂₉ = 2009 UA₅₁
 2002 SZ₆₄ = 2007 TQ₃₈₄ = 2009 EW₈
 2002 SM₆₉ = 2009 RM₇₂
 2002 TO₂ = 2009 VK₃₉
 2002 TV₂₆ = 2009 UH₁₀₅
 2002 TA₅₆ = 2009 UE₁
 2002 TQ₉₃ = 2009 WU₈₉
 2002 TY₉₅ = 2009 VX₇
 2002 TO₉₆ = 2009 UU₁₂₈
 2002 TJ₁₃₃ = 2009 VZ₂₀
 2002 TN₁₉₇ = 2009 WC₃₈
 2002 TX₂₆₁ = 2009 VL₃₈
 2002 TE₂₉₉ = 2009 WN₁₆₅
 2002 TC₃₇₈ = 2009 WP₄₁
 2002 TR₃₈₀ = 2009 WO₁₆₁
 2002 TP₃₈₅ = 2009 WT₆₆
 2002 UD = 2009 WA₁₅
 2002 UQ₁₂ = 2009 UH₁₄
 2002 UG₇₁ = 2008 RU₁₂₉
 2002 UT₇₄ = 2009 WD₅₃
 2002 UQ₇₈ = 2009 VJ₄₃
 2002 VC₁₄ = 2009 VT₂₅
 2002 VA₁₇ = 2009 WJ₁₈₃
 2002 VE₂₂ = 2009 VP₄₀
 2002 VQ₂₆ = 2009 WV₁₄₂
 2002 VO₄₅ = 2004 EJ₅₅ = 2009 WP₇₄
 2002 VG₅₃ = 1995 UW₈₃ = 2009 UX₃₈
 2002 VA₇₄ = 2009 WJ₄₁
 2002 VU₉₈ = 2009 UJ₃₇
 2002 VO₁₃₆ = 2009 VD₅₉
 2002 VH₁₄₂ = 2009 WF₆
 2002 WH₂ = 2009 WP₂₇
 2002 WJ₂ = 2009 UV₁₂₇
 2002 WG₂₇ = 2009 VL₅₀
 2002 XG₁₀ = 2009 TV₃₈
 2002 XA₂₈ = 2009 UP₈₆
 2002 XT₄₄ = 2009 VF₅₀
 2002 XT₆₀ = 2009 VD₇₁
 2002 XO₁₁₈ = 2009 VV₂₂
 2002 YG₁₉ = 2009 VH₂₇
 2002 YV₂₇ = 2009 UY₁₀₂
 2003 AM₁₅ = 2009 VT₃₆
 2003 AV₁₅ = 2009 TJ₃₅
 2003 AE₆₃ = 2009 WG₅₂
 2003 BF₃ = 2009 WG₆₉
 2003 BG₃₃ = 2007 ER₃₄ = 2009 VJ₅₈
 2003 BZ₄₇ = 2009 WU₁₃₇
 2003 BF₆₅ = 2009 TB₂₆
 2003 DL₈ = 2009 WM₃₈
 2003 DY₂₄ = 2009 UP₁₀₂
 2003 FW₂₉ = 2008 AQ₁₂₉
 2003 FO₇₅ = 2009 VX₂₅

2003 FE₇₉ = 2009 VD₄₇
 2003 FJ₁₂₂ = 2009 TH₇
 2003 FA₁₃₃ = 2009 RZ₆₄
 2003 GA₅₇ = 2009 SO₂₁₂
 2003 HF₁₄ = 1997 WV₁₆ = 2009 SB₄₄
 2003 KX₁₃ = 2009 WN₁₇₄
 2003 MV₄ = 2008 SP₂₈₃
 2003 QA₁₇ = 2009 SF₃₄₄
 2003 QB₇₇ = 2009 UD₁₃₁
 2003 QB₁₂₀ = 2009 WB₁₆₃
 2003 SC₁₉ = 2009 WD₁₁₈
 2003 SY₂₄ = 2009 UV₁₃₁
 2003 SA₂₇ = 2009 TG₄₁
 2003 SX₂₉ = 2009 TX₃₈
 2003 SZ₃₃ = 2009 UJ₄
 2003 SY₃₇ = 2009 UC₁₃₆
 2003 SU₇₀ = 2009 UH₁₂₉
 2003 SA₈₉ = 2009 VZ₉
 2003 SU₈₉ = 2008 SP₂₉₁
 2003 SH₉₇ = 2009 VQ₃
 2003 SO₁₀₄ = 2009 WV₁₉₆
 2003 SF₁₂₀ = 2009 VW₅₉
 2003 SQ₁₃₃ = 2009 VX₄
 2003 SX₁₃₅ = 2009 WB₁₀
 2003 SD₁₃₈ = 1992 UC₅
 2003 SW₁₃₉ = 2009 VA₆₅
 2003 SQ₁₇₅ = 2009 UU₃₅
 2003 SN₁₇₉ = 2009 WN₁₄₈
 2003 SD₁₈₅ = 2009 VG₂
 2003 SC₂₁₅ = 2009 VG₁₆
 2003 SB₂₂₃ = 2009 WK₁₃₈
 2003 SJ₂₂₅ = 2009 WE₁₇₁
 2003 SF₂₃₄ = 2009 VP₆₅
 2003 SM₂₄₀ = 2009 VQ₇₇
 2003 SL₂₄₅ = 2009 WG₁₁₇
 2003 SU₂₅₀ = 2009 WY₁₁₃
 2003 SA₂₆₅ = 2009 WA₁₆₇
 2003 SC₂₆₆ = 2009 VN₇
 2003 SU₂₇₇ = 2009 VR₃₇
 2003 SM₂₇₉ = 2009 SX₃₂₂
 2003 SA₂₈₀ = 2009 VB₆₁
 2003 SB₂₈₇ = 2009 WK₂₉
 2003 SY₃₀₀ = 2009 VO₄₆
 2003 SV₃₁₃ = 2003 SM₂₂₁ = 2009 VL₂₉
 2003 SL₃₁₅ = 2009 TR₄₀
 2003 SN₃₃₀ = 2009 VQ₅
 2003 ST₃₃₄ = 2009 WJ₁₅₄
 2003 SZ₃₃₆ = 2009 WP₁₄₀
 2003 SK₃₃₇ = 2009 WJ₁₇₇
 2003 SB₃₃₉ = 2009 WX₁₃₁
 2003 SV₃₄₀ = 2003 US₃₂₉
 2003 SK₃₅₀ = 1998 VX₁ = 2009 VA₁₀

2003 SC₃₉₀ = 2009 WK₁₃₆
 2003 SK₃₉₃ = 2009 WN₁₄₁
 2003 SB₄₀₀ = 2009 WE₅₇
 2003 SU₄₀₄ = 2009 WZ₁₂₀
 2003 SW₄₀₄ = 2009 VC₁₇
 2003 SF₄₁₀ = 2009 WR₂₀₀
 2003 SF₄₃₂ = 2009 WV₁₆₈
 2003 SQ₄₃₂ = 2009 UV₁₃₂
 2003 TJ₇ = 2009 UM₄₆
 2003 TG₁₉ = 2009 WM₁₈₇
 2003 TQ₁₉ = 2009 WW₂₇
 2003 TH₂₇ = 2009 WP₁₀₀
 2003 UJ₆ = 2009 WU₅
 2003 UO₁₀₁ = 2009 VJ₇₈
 2003 UQ₁₀₄ = 2009 WE₂₀₀
 2003 UX₁₁₈ = 2009 WS₆₄
 2003 UU₂₂₅ = 2009 WR₄₀
 2003 UV₂₇₂ = 2009 WJ₂₀₉
 2003 UM₂₇₉ = 2009 VT₁₉
 2003 UP₂₈₇ = 2008 OD₂₃
 2003 UP₃₄₁ = 2009 WL₉₃
 2003 UD₃₇₂ = 2009 VE₅₉
 2003 UB₃₇₆ = 2009 WO₁₀
 2003 UD₄₁₅ = 2009 VM₄
 2003 UE₄₁₅ = 2009 VJ₁₅
 2003 UU₄₁₆ = 2009 WH₁₃₅
 2003 VJ₇ = 2009 WK₄₂
 2003 VX₈ = 2009 WM₂₁₅
 2003 WH₃₄ = 2008 RM₉₀ = 2009 WM₉₀
 2003 WP₃₉ = 2009 VP₃₇
 2003 WO₅₀ = 2009 WG₁₆₉
 2003 WL₅₅ = 2009 WG₁₆₇
 2003 WT₁₆₁ = 2009 WP₈₁
 2003 XR₃₃ = 2007 TK₁₀₇
 2003 YM₂₅ = 2008 UP₃₅₈
 2003 YD₂₈ = 2008 PJ₂₀
 2003 YN₆₄ = 2008 DZ₈₇
 2003 YU₆₈ = 2009 VV₅₀
 2003 YW₁₀₃ = 2009 WP₃₄
 2004 CD₉₂ = 2009 VS₁₅
 2004 ET₃₇ = 2009 TN₁₃
 2004 EY₇₈ = 2009 VL₁₀
 2004 EJ₈₅ = 2009 VN₅₃
 2004 FJ₈ = 2009 SH₃₄₃
 2004 FL₅₀ = 2009 WX₅₀
 2004 FA₈₃ = 2007 WY₆₀
 2004 HT₃₄ = 2009 VB₄₇
 2004 NF₂₁ = 2009 UA₉₂
 2004 NL₂₂ = 2009 WV₉₀
 2004 OY₈ = 2004 NZ₂₅ = 2008 UR₃₅₉
 2004 PY₄ = 2008 RG₁₂₉
 2004 PR₂₇ = 2009 WO₃₄

2004 PQ₇₀ = 2009 WV₉₃
 2004 PV₈₈ = 2009 WG₁₈
 2004 QS₆ = 2009 VS₂₈
 2004 QH₂₈ = 2009 WH₇₁
 2004 QJ₂₈ = 2009 WJ₁₁₄
 2004 RZ₁₁ = 2003 FE₁₁₀ = 2009 SO₂₀₄
 2004 RA₂₃ = 2004 TP₂₃₆
 2004 RP₄₃ = 2008 VO₇₄
 2004 RY₄₃ = 2008 UL₃₅₆
 2004 RA₆₅ = 2009 WH₁₅₃
 2004 RA₉₁ = 2009 UY₁₂₇
 2004 RO₁₄₇ = 2009 QS₅₅
 2004 RC₁₅₈ = 2009 WY₁₀₃
 2004 RM₁₅₈ = 2007 JH₅
 2004 RW₁₆₈ = 2009 VX₄₈
 2004 RF₂₁₆ = 2009 SS₂₅₃
 2004 RB₂₃₄ = 2009 QH₅₇
 2004 RG₂₃₉ = 2009 UY₁₃₈
 2004 RM₂₄₃ = 2009 WA₁₇₄
 2004 RY₂₅₃ = 2009 WF₄₃
 2004 RJ₂₈₅ = 2009 WG₈₀
 2004 RA₂₉₉ = 2009 PR₁₀
 2004 RD₃₂₀ = 2009 WT₁₆₆
 2004 RA₃₃₂ = 2004 SE₁₇
 2004 RY₃₄₆ = 2009 WA₇₄
 2004 SD₆₂ = 2009 WY₁₇₈
 2004 TB₄ = 2009 VC₁₅
 2004 TO₁₀ = 1999 VT₁₄ = 2009 TV₂₆
 2004 TS₁₃ = 2009 WA₁₁₆
 2004 TM₂₇ = 2009 VD₉₁
 2004 TQ₇₂ = 2007 GP₆₃ = 2009 WM₂₀
 2004 TB₈₃ = 2009 WG₈₃
 2004 TM₈₅ = 2009 WA₁₃₆
 2004 TY₉₉ = 2009 WP₁₇₀
 2004 TQ₁₀₉ = 2009 WX₄₁
 2004 TE₁₁₅ = 2009 WT₁₈₄
 2004 TN₁₁₉ = 2009 VN₈₈
 2004 TH₁₃₆ = 2009 WT₈₄
 2004 TX₁₃₆ = 2009 VC₃₉
 2004 TX₁₅₁ = 2009 SM₉₆
 2004 TA₁₅₄ = 2009 WQ₈₉
 2004 TS₁₆₇ = 2009 UQ₂₄
 2004 TZ₁₈₀ = 2008 VM₇₂
 2004 TK₁₉₂ = 2009 WT₁₁
 2004 TH₁₉₇ = 2009 WQ₈₆
 2004 TC₁₉₈ = 2009 WE₁₇₉
 2004 TX₁₉₈ = 2009 SQ₁₀₇
 2004 TZ₂₀₉ = 2009 WQ₈₃
 2004 TK₂₁₄ = 2009 WP₁₉₀
 2004 TQ₂₁₇ = 2009 WP₁₅₉
 2004 TA₂₁₈ = 1995 SZ₂₆ = 2009 WX₁₄
 2004 TJ₂₃₉ = 2009 UG₈₄

2004 TA₂₄₄ = 2009 WG₁₃₆
 2004 TT₂₇₆ = 2009 SN₃₄₆
 2004 TS₂₉₆ = 2009 WS₁₃₉
 2004 TZ₃₅₅ = 2009 VU₈₂
 2004 TL₃₆₇ = 2009 TO₃₇
 2004 UA₇ = 2009 WN₅₁
 2004 VX₃₈ = 2009 SS₃₄₃
 2004 VW₄₅ = 2009 WF₃₄
 2004 VK₅₄ = 2009 VT₇₉
 2004 VG₆₇ = 2009 WA₃₁
 2004 WH₄ = 2009 UQ₅₇
 2004 XD₉ = 2009 TO₁₅
 2004 XW₁₆ = 2009 WN₉
 2004 XH₁₇ = 2009 WC₉₀
 2004 XC₂₀ = 2009 VW₃₁
 2004 XA₂₅ = 2009 UL₁₂₇
 2004 XQ₂₉ = 2009 US₂₀
 2004 XU₃₆ = 2007 GJ₃₉ = 2009 VH₁₆
 2004 XK₄₁ = 2009 WF₁₄₆
 2004 XR₄₄ = 2009 VA₉₀
 2004 XG₅₆ = 2009 VB₄₄
 2004 XP₆₀ = 2009 WN₇
 2004 XO₇₅ = 2009 VU₇₈
 2004 XK₇₇ = 2009 UJ₁₃₄
 2004 XY₈₄ = 2009 UQ₇₁
 2004 XA₈₈ = 2009 WC₁₄₆
 2004 XC₁₀₆ = 2009 VR₂₄
 2004 XK₁₁₆ = 2009 WN₅
 2004 XW₁₁₆ = 2009 VN₈₂
 2004 XR₁₂₂ = 2009 WW₉₁
 2004 XJ₁₂₃ = 2009 UP₁₀₅ = 2009 VB₈₁
 2004 XT₁₂₈ = 2009 VY₉
 2004 XM₁₂₉ = 2009 WN₁₀₀
 2004 XK₁₃₂ = 2009 VO₇₈
 2004 YB₁₉ = 2009 VV₇₀
 2004 YZ₂₁ = 2009 SQ₃₃₉
 2004 YS₂₇ = 2008 SL₂₈₂
 2005 AX₆ = 2008 UP₃₅₇
 2005 AY₁₀ = 2008 VY₇₂
 2005 AX₁₃ = 2009 VQ₈₀
 2005 AH₃₂ = 2009 WO₉
 2005 AY₃₃ = 2008 SZ₂₈₅
 2005 AC₃₄ = 2009 SG₃₄₈
 2005 AQ₃₈ = 2009 VG₇₆
 2005 AD₄₁ = 2008 RZ₁₃₀
 2005 AB₅₈ = 2008 SG₂₈₂
 2005 AW₆₀ = 2009 VF₁₆
 2005 AR₆₃ = 2009 WX₁₆₁
 2005 CG₁₅ = 2009 WV₁₉₀
 2005 CF₂₄ = 2009 WL₁₀₅
 2005 CT₃₇ = 2009 WP₁₃₁
 2005 EK₂₆₃ = 2007 RU₁₉₀ = 2008 UM₃₅₂

2005 GJ₉₄ = 2008 RR₁₂₉
 2005 GG₁₅₁ = 2007 WA₆₁
 2005 LO₁₉ = 2009 VA₈₀
 2005 LW₄₁ = 2009 UK₄
 2005 MW₃ = 2009 WF₅₀
 2005 MM₄₅ = 2009 WU₁₀₉
 2005 ME₄₇ = 2009 WA₂₇
 2005 NF₃₀ = 2009 VL₆₇
 2005 NS₃₀ = 2009 TW₃₁
 2005 NV₆₁ = 2009 TY₃₁
 2005 PF₁ = 2009 WE₄₇
 2005 QL₂ = 2009 VK₂₈
 2005 QG₅ = 2009 SG₈₉
 2005 QG₃₄ = 2009 UH₁₂₈
 2005 QZ₃₉ = 2009 WG₂₀₀
 2005 QU₄₈ = 2009 VA₄₇
 2005 QQ₈₈ = 2009 UM₈₄
 2005 QP₉₉ = 2009 UR₄
 2005 QJ₁₁₉ = 2009 WS₁₃
 2005 QE₁₃₀ = 2009 WH₁₆₆
 2005 QK₁₃₁ = 2009 WU₁₀₃
 2005 QT₁₄₀ = 2005 TU₃₀
 2005 QR₁₄₇ = 2009 UE₁₃₆
 2005 QF₁₅₉ = 2009 WS₉
 2005 QO₁₇₂ = 2009 VP₇₅
 2005 QN₁₇₅ = 2009 WK₃₈
 2005 RA₄₁ = 2009 VE₂₁
 2005 RW₅₁ = 2007 DR₉₃
 2005 SX₆ = 2001 SG₃₂₄
 2005 SP₆₂ = 2009 PJ₁₈
 2005 ST₁₀₁ = 2009 UK₈₉ = 2009 VQ₄₂
 2005 SR₁₀₂ = 2009 VG₄₉
 2005 SZ₁₅₃ = 2009 WG₁₁₆
 2005 SJ₁₇₀ = 2009 WU₈₀
 2005 SX₁₈₄ = 2009 WK₁₈₅
 2005 SR₁₈₈ = 2009 WW₁₈₄
 2005 SM₂₁₀ = 2009 WQ₂₁₂
 2005 SG₂₁₁ = 2005 SR₂₄₄
 2005 SZ₂₁₅ = 2009 VH₆₂
 2005 SH₂₂₁ = 2005 UB₅₁₃
 2005 SC₂₃₆ = 2009 VU₁₈
 2005 SX₂₃₉ = 2009 US₁₂₉
 2005 SW₂₉₂ = 2009 VJ₁₆
 2005 TW₇₀ = 2009 VJ₇₀
 2005 TH₁₂₇ = 2009 VU₆₉
 2005 TX₁₄₇ = 2009 WO₁₀₇
 2005 TB₁₉₇ = 2009 QK₁₀
 2005 UK₁₁ = 2009 UN₁₃₅
 2005 UB₆₂ = 2009 VL₄₄
 2005 UG₉₄ = 2009 QV₅₆
 2005 UQ₁₃₀ = 2009 WB₂₃
 2005 UZ₁₃₂ = 2009 VZ₆₀

2005 UG₁₄₆ = 2009 VH₂₀
 2005 UE₁₅₃ = 2009 VH₃
 2005 UY₁₆₂ = 2009 WS₁₂₃
 2005 UT₁₇₀ = 2009 RS₇₁
 2005 UL₁₈₁ = 2009 WL₁₄₄
 2005 UO₂₀₂ = 2009 WG₁₈₅
 2005 UJ₂₀₄ = 2009 VY₅₈
 2005 UE₂₂₀ = 2009 WK₁₈₇
 2005 UN₂₄₂ = 2009 VW₂₉
 2005 UL₂₆₀ = 2009 RT₇₁
 2005 UH₃₄₅ = 2009 WL₁₂₃
 2005 UZ₄₀₁ = 2009 VO₁₉
 2005 UL₄₀₅ = 2009 WH₁₅₈
 2005 UN₄₁₆ = 2005 VL₆₆ = 2009 WJ₄₇
 2005 UH₄₇₄ = 2005 UZ₃₁₁ = 2009 WL₁₂₆
 2005 UB₅₁₉ = 2009 WN₁₈₉
 2005 UU₅₂₉ = 2009 TS₉
 2005 UG₅₃₀ = 2007 GE₅₂
 2005 VR₁₅ = 2009 SQ₃₄₂
 2005 VS₃₈ = 2009 VE₅₈
 2005 VG₅₆ = 2009 WP
 2005 VH₆₆ = 2009 SB₃₄₅
 2005 VT₆₈ = 2009 VO₈₆
 2005 VK₁₁₃ = 2009 VO₉
 2005 VU₁₁₄ = 2009 WD₁₆
 2005 WS₁₄ = 2009 SS₁₃₅
 2005 WS₂₆ = 2009 VG₆₇
 2005 WD₂₇ = 2009 WA₁₆₂
 2005 WY₃₅ = 2009 VL₈₆
 2005 WD₄₄ = 2009 UU₁₂₉
 2005 WE₅₀ = 2009 VB₃₂
 2005 WW₅₆ = 2009 VJ₆₇
 2005 WX₆₈ = 2009 VE₈₉
 2005 WH₈₀ = 2009 VT₂₈
 2005 WL₈₆ = 2009 SU₃₄₀
 2005 WE₉₉ = 2009 VK₅₇
 2005 WN₁₃₄ = 2009 WA₁₃₂
 2005 WS₁₄₂ = 2009 UC₁₀₂
 2005 WS₁₄₃ = 2009 VX₇₂
 2005 WA₁₄₈ = 2009 WZ₇₃
 2005 WX₁₄₉ = 2009 VF₉
 2005 WW₁₅₃ = 2009 UN₁₃₉
 2005 WQ₁₆₄ = 2005 US₄₇₂
 2005 WC₁₆₆ = 2009 VN₁₆
 2005 WL₁₇₆ = 2009 VA₇₀
 2005 WV₁₇₆ = 2009 WF₇₁
 2005 WM₁₈₁ = 2009 VW₇
 2005 WQ₂₁₁ = 2009 VD₈₂
 2005 XQ₂ = 2009 VY₃
 2005 XU₅ = 2009 TD₄₁
 2005 XT₆ = 2007 DL₆ = 2009 VA₃₇
 2005 XW₇ = 2008 RM₁₃₀

2005 XO₁₁ = 2009 WD₁₉₉
 2005 XK₁₄ = 2009 VP₄₃
 2005 XH₂₁ = 2009 WP₁₈₂
 2005 XK₂₆ = 2009 VN₂₂
 2005 XC₄₀ = 2009 WF₇₀
 2005 XR₄₂ = 2009 WM₇₃
 2005 XC₄₃ = 2009 VR₄₇
 2005 XO₄₉ = 2009 WD₅
 2005 XL₅₁ = 2009 UE₁₈
 2005 XJ₅₄ = 2009 RD₇₀
 2005 XA₅₉ = 2009 WY₂₉
 2005 XU₅₉ = 2009 UQ₁₀₃
 2005 XJ₁₀₀ = 2009 WG₁₈₄
 2005 YM₄ = 2009 WM₉₄
 2005 YV₅ = 2009 SQ₃₃₈
 2005 YR₁₀ = 2009 UL₁₈
 2005 YU₁₅ = 2009 WL₁₀₂
 2005 YC₂₂ = 2009 WK₁₇₅
 2005 YY₂₃ = 2009 VM₅₈
 2005 YP₃₇ = 2009 SB₃₃₂
 2005 YR₅₁ = 2009 WE₂₁₃
 2005 YA₆₂ = 2009 WV₈₁
 2005 YO₇₄ = 2009 WL₁₇₇
 2005 YK₇₇ = 2009 VL₄₈
 2005 YR₇₇ = 2009 WK₁₂
 2005 YW₇₉ = 2009 WY₈
 2005 YK₈₀ = 2009 WE₅₀
 2005 YX₈₃ = 2009 WK₂₀₉
 2005 YA₈₇ = 2009 WG₃₇
 2005 YQ₈₇ = 2009 WD₁₃₂
 2005 YH₉₅ = 2009 UD₉₂
 2005 YZ₁₁₃ = 2009 WH₄₀
 2005 YZ₁₁₄ = 2009 WT₁₁₂
 2005 YO₁₁₈ = 2009 WD₁₈₃
 2005 YR₁₂₃ = 2009 WU₇₄
 2005 YJ₁₂₅ = 2009 VP₃₁
 2005 YT₁₂₆ = 2009 VW₈₉
 2005 YH₁₃₁ = 2009 WZ₁₅₈
 2005 YJ₁₃₅ = 2009 WB₁₃₁
 2005 YY₁₄₁ = 2005 YN₆₄ = 2009 VY₆₂
 2005 YU₁₄₂ = 2009 VW₂₂
 2005 YQ₁₆₃ = 2009 WN₁₁₁
 2005 YZ₁₇₁ = 2009 WV₁₅₉
 2005 YB₁₉₂ = 2009 WL₁₇₅
 2005 YL₁₉₃ = 2009 WD₄₇
 2005 YJ₂₀₁ = 2009 WG₁₃₅
 2005 YE₂₀₈ = 2009 VX₅₁
 2005 YP₂₀₈ = 2009 UA₁₃₀
 2005 YS₂₁₃ = 2009 VB₈
 2005 YO₂₁₆ = 2009 SB₃₂₀
 2005 YH₂₅₁ = 2009 WD₃₈
 2005 YT₂₉₁ = 2009 VZ₆₄

2005 YC₂₉₂ = 2009 WG₁₅₆
 2006 AW₂₀ = 2009 WK₁₀
 2006 AQ₃₂ = 2009 WA₁₃₈
 2006 AB₃₃ = 2009 VC₂
 2006 AN₆₂ = 2009 WK₃₄
 2006 AL₇₃ = 2009 SZ₃₄₆
 2006 BM = 2009 WJ₁₃₄
 2006 BX₄ = 2005 YV₂₀₃ = 2009 VZ₉₀
 2006 BD₈ = 2009 WH₅₃
 2006 BM₉ = 2009 WK₁₃₄
 2006 BH₃₈ = 2009 VP₈₅
 2006 BO₅₂ = 2009 WP₂₀₂
 2006 BO₆₁ = 2009 TQ₂₇
 2006 BP₆₄ = 2009 VU₁₄
 2006 BW₆₆ = 2009 QB₅₆
 2006 BZ₆₉ = 2009 WY₁₆₈
 2006 BU₇₀ = 2009 VW₈₄
 2006 BU₇₅ = 2009 WS₉₃
 2006 BN₇₆ = 2004 TZ₃₃₇ = 2009 RA₇₂
 2006 BZ₈₆ = 2009 WD₂₀₁
 2006 BE₈₇ = 2009 WX₅₈
 2006 BP₉₁ = 2009 WY₁₉₅
 2006 BO₉₉ = 2009 WL₆₄
 2006 BK₁₀₂ = 2009 UQ₉₄
 2006 BY₁₀₂ = 2009 WO₁₇
 2006 BV₁₀₇ = 2009 SC₅₉
 2006 BH₁₀₈ = 2009 WY₆₆
 2006 BA₁₃₄ = 2009 QX₅₅
 2006 BW₁₄₃ = 2009 WS₈₃
 2006 BW₁₄₈ = 2009 WY₃₀
 2006 BR₁₅₁ = 2009 WZ₁₇₆
 2006 BJ₁₅₄ = 2009 WC₆₁
 2006 BJ₁₉₂ = 2009 WG₁₀
 2006 BG₂₁₇ = 2009 VR₈₂
 2006 BQ₂₃₃ = 2006 BY₂₇₉
 2006 BA₂₄₈ = 2009 VF₂₁
 2006 BP₂₇₈ = 2009 VS₅₈
 2006 BT₂₈₀ = 2009 WP₈₄
 2006 BX₂₈₀ = 2009 WO₁₆₄
 2006 BS₂₈₃ = 2006 AT₈₈ = 2009 VB₂₅
 2006 CS₅₇ = 2008 VX₇₃
 2006 DC₁ = 2000 EN₇₂ = 2009 UJ₄₈ = 2009 VR₂₆
 2006 DS₁ = 2009 QL₅₅
 2006 DA₆ = 2009 WT₁₂₃
 2006 DV₁₄ = 2009 UT₂
 2006 DF₆₆ = 2009 VS₃₉
 2006 DH₇₈ = 2009 WT₂₁
 2006 DD₉₃ = 2009 WX₁₁₉
 2006 DS₁₀₇ = 2009 WW₉₃
 2006 DD₁₂₀ = 2009 VR₆₀
 2006 DG₁₂₈ = 2007 JW₃₂
 2006 DR₁₃₁ = 2009 WC₈₄

2006 EC₁₀ = 2009 WU₁₉₀
 2006 EP₁₂ = 2006 HM₁₃₂
 2006 EN₃₀ = 2009 VQ₂₀
 2006 EW₅₉ = 2009 WP₈
 2006 FM₄₇ = 2009 VK₇₂
 2006 GN₃ = 2009 WS₁₄₆
 2006 GH₈ = 2008 PM₁₃
 2006 HH₂₀ = 2009 SP₃₃₉
 2006 HZ₄₂ = 2009 WW₁₈₃
 2006 HQ₁₁₅ = 2009 WO₁₁
 2006 HR₁₃₂ = 2001 DE₈₄ = 2009 WU₁₄₅
 2006 JD₁₀ = 2009 WR₂₀₈
 2006 JX₂₇ = 2005 FM₁₄ = 2008 UT₃₅₃
 2006 JW₃₃ = 2009 WZ₁₉
 2006 JJ₅₄ = 2009 WL₃₈
 2006 JW₅₄ = 2008 SQ₂₈₉
 2006 JO₆₅ = 1998 SO₄₂ = 2009 WX₁₂₅
 2006 KX₃₀ = 2007 UR₈₄
 2006 KA₃₄ = 2008 UP₃₅₄
 2006 KU₄₂ = 2008 VU₇₃
 2006 KL₆₀ = 2009 VP₁₀
 2006 KM₁₀₀ = 2009 VX₃
 2006 PF₁₀ = 2009 HA₁₀₆
 2006 SP₄₁₁ = 2002 VL₁₁₅
 2006 TO₁₂₈ = 2008 CZ₂₀₈
 2006 TX₁₂₉ = 2004 DU₆₄
 2006 TB₁₃₀ = 2002 FK₃₁
 2006 UX₃₆₀ = 1996 AT₁₉
 2006 VZ₁₇₃ = 2003 AU₂₅
 2006 YC₁₀ = 2009 SU₃₂₆
 2006 YP₃₄ = 2004 HU₇₈
 2006 YN₅₄ = 2009 VN₃₅
 2007 BN = 2009 WW₄₂
 2007 BM₈₁ = 2004 HW₆₈ = 2009 WX₃₀
 2007 CZ₂₅ = 2009 WZ₂₀₆
 2007 CJ₄₆ = 2009 WN₄₁
 2007 CZ₅₃ = 2009 WH₈₉
 2007 DE₂ = 2009 WG₆
 2007 DS₁₇ = 2005 UJ₅₃₀
 2007 DA₂₆ = 2009 VS₄₃
 2007 DC₂₆ = 2009 WX₈₁
 2007 DD₂₇ = 2005 TZ₁₉₆
 2007 DT₂₉ = 2009 PQ₁₈
 2007 DK₃₂ = 2009 RA₇₁
 2007 DY₅₅ = 2009 VN₃
 2007 DS₇₀ = 1998 SJ₁₀₁ = 2003 AD₉₁ = 2009 UA₁₀₃
 2007 DP₈₂ = 2009 UA₃₀
 2007 DJ₉₁ = 2009 SH₃₁₅
 2007 DE₉₂ = 2009 RY₃₃
 2007 DC₁₀₃ = 2009 SD₃₄₆
 2007 ED₂ = 2009 RQ₇₂
 2007 EF₄ = 2009 TP₇

2007 EG₈ = 2009 WE₁₆₇
 2007 EB₂₄ = 2009 SW₃₄₃
 2007 EB₂₅ = 2009 SW₃₄₇
 2007 EM₃₄ = 2009 WH₁₀₁
 2007 EK₄₁ = 2009 WY₁₉
 2007 EK₅₁ = 2009 TE₄₁
 2007 EJ₇₆ = 2009 WY₁₂₁
 2007 EZ₉₁ = 2009 QF₅₆
 2007 EC₁₀₁ = 2009 VY₇₄
 2007 EK₁₀₄ = 2009 WJ₂
 2007 ED₁₂₇ = 2009 WR₄₆
 2007 EO₁₃₇ = 2009 VU₅₂
 2007 EP₁₄₈ = 2009 WO₁₃₆
 2007 EA₁₄₉ = 2009 VT₅₈
 2007 ED₁₄₉ = 2009 VD₁₅
 2007 EQ₁₅₀ = 2009 VJ₄₁
 2007 EF₁₉₀ = 2009 WN₁₈₈
 2007 EC₁₉₈ = 2009 VG₇₀
 2007 EQ₁₉₈ = 2009 VW₆₆
 2007 EO₂₁₅ = 2009 WQ₁₇₀
 2007 FC₇ = 2009 UJ₅₀
 2007 FX₁₃ = 2009 SS₃₄₁
 2007 FU₂₆ = 2005 YO₂₄₁ = 2009 WV₁₇₄
 2007 FN₃₆ = 2009 VU₅₀
 2007 GP₁₄ = 2008 QG₄₃
 2007 GC₂₁ = 2004 TK₄₉
 2007 GV₃₇ = 2009 WY₅
 2007 GX₃₉ = 2009 WH₈₀
 2007 GR₄₀ = 2009 VM₁₁
 2007 GH₄₁ = 2009 WH₆₅
 2007 GL₅₀ = 2009 SG₄₃
 2007 GL₅₂ = 2009 VO₈₃
 2007 GK₅₃ = 2006 AB₆₉ = 2009 UY₃₄
 2007 GQ₅₅ = 2009 WO₁₂₇
 2007 GJ₇₁ = 2009 WP₈₅
 2007 HQ₄ = 2009 VX₄₁
 2007 HJ₁₃ = 1996 GL
 2007 HM₁₇ = 2009 WC₃₉
 2007 HO₂₀ = 2009 WV₁₇₀
 2007 HL₂₁ = 2009 WM₉₂
 2007 HA₂₄ = 2009 VG₈
 2007 HU₂₆ = 2009 WV₂₁₄
 2007 HN₂₇ = 2009 SX₃₄₈ = 2009 WK₁₁₃
 2007 HA₄₆ = 2009 ST₃₄₃
 2007 HQ₄₇ = 2009 WH₄₆
 2007 HT₅₁ = 2009 WH₆₁
 2007 HZ₅₁ = 2009 WQ₆₁
 2007 HE₅₃ = 2009 UJ₁₃₁
 2007 HR₅₈ = 2009 UC₁₀₃
 2007 HA₈₃ = 2009 WX₅₂
 2007 HO₉₆ = 2009 UC₃₉
 2007 JT₃ = 2009 WS₄₄

2007 JM₈ = 2009 UN₁₃₄
 2007 JB₁₃ = 2009 WH₃₅
 2007 JA₁₅ = 2009 WR₁₈₅
 2007 JQ₁₇ = 2009 WS₇₂
 2007 JS₁₉ = 2004 XC₁₁₆ = 2009 VV₃₃
 2007 JZ₂₃ = 2009 WR₉₅
 2007 JB₂₈ = 2009 WS₆₅
 2007 JN₃₅ = 2009 SO₁₃₃
 2007 JO₃₅ = 2009 VL₃₄
 2007 JL₃₉ = 2009 UM₁₂₁
 2007 KM = 2009 WZ₇₈
 2007 LX₁₈ = 2009 WU₁₂₇
 2007 RM₈ = 2007 TN₂₉₇
 2007 TO₄₇ = 1999 EB₁
 2007 TR₇₅ = 2007 UC₆₂
 2007 TR₈₃ = 2003 QA₁₁₉
 2007 TB₉₃ = 2006 GN₂₃
 2007 TG₁₁₇ = 2003 UT₄₅
 2007 TY₁₂₃ = 1996 VP₂₂
 2007 TT₁₃₅ = 2004 CD₄₀
 2007 TY₁₃₇ = 1995 SO₁₉ = 2004 FD₈₀
 2007 TQ₁₈₈ = 2003 SN₂₄₀
 2007 TP₁₈₉ = 2007 RT₃₀₉
 2007 TW₂₃₀ = 2001 RK₁₁₄
 2007 TF₂₅₆ = 2009 BH₁₂₂
 2007 TD₂₇₁ = 2004 GQ₄₉
 2007 TK₂₈₂ = 1997 WH₈ = 2005 GW₂₀₃ = 2009 BF₅
 2007 TS₂₈₉ = 2003 KH₂₆
 2007 TB₃₀₂ = 2009 BD₁₄₇
 2007 TU₃₀₄ = 2002 RD₂₅₀
 2007 TC₃₀₅ = 2003 UC₁₂₈
 2007 TH₃₀₉ = 2006 DE₁₆₆
 2007 TR₃₁₀ = 2009 CR₃₇
 2007 TB₃₁₂ = 2009 BY₁₃₄
 2007 TB₃₂₆ = 2009 DV₈₀
 2007 TT₃₃₅ = 2008 YX₇₈
 2007 TV₃₃₈ = 2002 RV₂₆₈
 2007 TV₃₅₆ = 2005 JH₇
 2007 TR₃₈₁ = 2006 KM₈₃
 2007 TV₃₈₁ = 2009 CE₂₁
 2007 TF₃₉₃ = 2005 EP₃₀₀
 2007 US₂₄ = 2009 DR₄₀
 2007 UK₂₇ = 2001 DV₅₄
 2007 UN₂₇ = 2008 YV₇₈
 2007 UR₄₃ = 2009 BD₁₃₄
 2007 US₆₂ = 2009 DM₉₁
 2007 UU₆₄ = 2009 CQ₁₃
 2007 UQ₇₃ = 2009 DZ₈₉
 2007 UL₇₆ = 2005 GK₁₄₇
 2007 UW₈₆ = 1997 TB₂₁
 2007 UX₁₀₁ = 2004 CZ₈
 2007 UF₁₁₄ = 2005 JN₁₃₂
 2007 UN₁₁₄ = 2001 QX₂₉₉
 2007 VQ₃₂₀ = 2005 EE₃₁₃ = 2005 GN₂₂₇
 2007 VR₃₂₀ = 1995 CC₇
 2007 WV₆₀ = 2003 AC₂₀
 2007 WZ₆₀ = 2003 WS₁₈₅
 2008 AR₁₂₉ = 2001 SZ₃₂₄
 2008 AS₁₂₉ = 1998 DD₂₅
 2008 AT₁₂₉ = 2005 TC₁₁₀
 2008 DJ₄₃ = 2009 OK₂₄
 2008 EB₄₃ = 2009 WB₃₀
 2008 EB₅₄ = 2006 TW₁₂₉
 2008 EL₅₉ = 2009 PR₁₈
 2008 EZ₆₈ = 2009 VG₂₄
 2008 FN₅₇ = 2005 UY₃₈₀ = 2009 WL₆₅
 2008 FT₆₉ = 2009 WL₉₉
 2008 GS₅₅ = 2009 VV₄
 2008 GF₁₄₂ = 2009 UZ₁₀₅
 2008 JL₂₀ = 2009 UE₉₄
 2008 KR₅ = 2009 SR₃₄₃
 2008 LK = 2009 WW₃₅
 2008 MR = 2009 VC₄₁
 2008 MB₁ = 2009 SE₃₄₄
 2008 NF₂ = 2009 WP₂₃
 2008 PC₃ = 2009 WD₇₀
 2008 QX₂₀ = 2009 VX₄₇
 2008 QQ₃₇ = 2009 WR₁
 2008 QD₄₃ = 1999 VM₁₅₀
 2008 RY₅₇ = 2009 SC₁₄
 2008 RY₁₂₅ = 2009 WZ₉₇
 2008 RH₁₂₈ = 2002 PC₁₉₂
 2008 RE₁₂₉ = 2006 HV₁₅₀
 2008 RF₁₂₉ = 1999 RB₂₂₂
 2008 RO₁₂₉ = 2000 YU₆₄
 2008 RX₁₂₉ = 2005 WG₁₄₆
 2008 RD₁₃₀ = 1999 CP₉₀
 2008 RG₁₃₀ = 2006 JL₈₀
 2008 RJ₁₃₀ = 2008 UR₃₀₀ = 2005 EL₁₇₄
 2008 RO₁₃₀ = 2004 XZ₁₃₄
 2008 RR₁₃₀ = 2007 GS₇₆
 2008 RV₁₃₀ = 2003 UE₃₅₀ = 2006 DD₁₇₃
 2008 RC₁₃₁ = 2000 FN₄
 2008 RV₁₃₁ = 2006 BQ₂₂₉
 2008 RX₁₃₁ = 2000 CZ₁₂₉
 2008 SY₂₃₃ = 2009 UG₂₉
 2008 SF₂₆₆ = 2006 ED₁₈
 2008 ST₂₇₅ = 2009 WE₁₈
 2008 SV₂₈₀ = 1999 KF₆
 2008 SA₂₈₁ = 1999 WH₂₅
 2008 SG₂₈₁ = 2003 UY₃₅₃ = 2003 UZ₄₁₆
 2008 SU₂₈₁ = 2006 DY₁₈₆
 2008 SW₂₈₁ = 2000 YT₈₉
 2008 SO₂₈₂ = 2006 AU₄₉

2008 SR₂₈₂ = 2006 CF₄₃
 2008 SV₂₈₂ = 2003 SK₉₆
 2008 SY₂₈₂ = 2006 EG₅₇
 2008 SA₂₈₃ = 2006 JV₆₈
 2008 SL₂₈₃ = 2005 XL₁₀₉
 2008 SR₂₈₃ = 2000 AT₁₆₄
 2008 SH₂₈₄ = 2004 YP₅
 2008 SQ₂₈₄ = 2006 DG₁₀₈
 2008 SV₂₈₄ = 2005 EX₁₄₆
 2008 SW₂₈₄ = 1997 TB₂₃
 2008 SX₂₈₄ = 2004 RN₂₆₁
 2008 SC₂₈₅ = 2006 DK₁₂₄
 2008 SJ₂₈₅ = 2000 EG₄₀ = 2006 GY₁₅
 2008 SS₂₈₅ = 1999 RB₁₂₃ = 2006 BF₈₄
 2008 SU₂₈₅ = 2007 HN₆₇
 2008 SQ₂₈₆ = 2006 JX₂₂
 2008 ST₂₈₆ = 2006 DO₅₅
 2008 SL₂₈₇ = 2004 XG₃₉
 2008 SW₂₈₇ = 2004 GJ₅₀
 2008 SN₂₈₉ = 2006 EE₂₀
 2008 SR₂₈₉ = 2008 UT₃₆₀
 2008 SM₂₉₀ = 2004 VB₁₂
 2008 SO₂₉₀ = 2003 UG₄₁₃
 2008 SJ₂₉₁ = 2003 XD₃₅
 2008 SN₂₉₁ = 2000 AC₂₀₇
 2008 SQ₂₉₁ = 2004 XS₇₉
 2008 TU₁₄₆ = 2009 WV₁₁₃
 2008 TG₁₇₄ = 2009 WY₃₁
 2008 TT₁₇₆ = 2004 XL₃₆
 2008 TY₁₇₆ = 2004 TS₂₅₁
 2008 TZ₁₇₆ = 2007 LL₃₇
 2008 TB₁₇₇ = 2006 HN₅₉
 2008 TC₁₇₇ = 2004 XQ₃₈
 2008 TD₁₇₇ = 2000 WS₁₉₄
 2008 UV₅₃ = 2003 XM₁₇
 2008 UN₃₅₂ = 2006 HS₇₂
 2008 UQ₃₅₂ = 1999 XP₂₅₁
 2008 UR₃₅₂ = 2002 XM₂₃
 2008 UA₃₅₃ = 2005 BF₄
 2008 UD₃₅₃ = 2000 HY₁₀₅
 2008 UF₃₅₃ = 2001 FS₁₈₁
 2008 US₃₅₃ = 2001 YY₂₂ = 2006 BZ₂₄₄
 2008 UW₃₅₃ = 2000 GP₁₈₁
 2008 UD₃₅₄ = 2005 EO₁₂₂
 2008 UE₃₅₄ = 2007 HR₇₅
 2008 UL₃₅₄ = 2006 FZ₁₉
 2008 UR₃₅₄ = 2006 BJ₁₉₆
 2008 US₃₅₄ = 2006 HC₆₀
 2008 UU₃₅₄ = 2006 EO₃₃
 2008 UP₃₅₅ = 2006 KQ₃₄
 2008 UR₃₅₅ = 2002 AK₁₃₃
 2008 UU₃₅₅ = 2005 YV₂₁₁

2008 UX₃₅₅ = 2004 TS₂₈₀
 2008 UB₃₅₆ = 2002 TC₃₅₃
 2008 UF₃₅₆ = 2001 TD₁₈₂
 2008 UO₃₅₆ = 2008 YD₁₆₆
 2008 UU₃₅₆ = 1995 UU₅₇
 2008 UY₃₅₆ = 2004 TK₂₄₆
 2008 UF₃₅₇ = 2002 PX₈₈
 2008 UG₃₅₇ = 2003 SV₅₃
 2008 US₃₅₇ = 1999 AO₃₉ = 2005 EX₂₉₀ = 2007 PZ₅
 2008 UT₃₅₇ = 2002 TR₁₇₀
 2008 UA₃₅₈ = 1999 TL₂₅₅
 2008 UR₃₅₈ = 2003 US₄₄
 2008 UG₃₅₉ = 2000 GR₁₃₉
 2008 UY₃₅₉ = 2000 KN₆₄
 2008 UC₃₆₀ = 2003 TP₄₈ = 2007 MT₂₄
 2008 UD₃₆₀ = 2004 XR₅₆
 2008 UK₃₆₀ = 2005 YV₂₄₅
 2008 UL₃₆₀ = 2003 UR₃₀₂
 2008 VN₇₁ = 2002 TV₁₇₁
 2008 VR₇₁ = 2006 KA₇₁
 2008 VU₇₁ = 2004 VZ₈₁
 2008 VV₇₁ = 2005 BV₄₅
 2008 VH₇₂ = 2004 VC₆₅
 2008 VN₇₂ = 2006 BE₉₅
 2008 VT₇₂ = 2004 FU₁₅₀
 2008 VU₇₂ = 2003 UY₃₈₆
 2008 VG₇₃ = 1996 JS₁₅
 2008 VH₇₃ = 2006 JF₅₁
 2008 VW₇₃ = 2005 GM₁₆₆ = 2007 RT₁₀₇
 2008 VY₇₄ = 2002 CS₂₉₈
 2008 WC₁₂₉ = 2007 MM₁₇
 2008 WD₁₂₉ = 2001 PU₅₃
 2008 WE₁₂₉ = 2008 UT₁₂₆
 2008 WL₁₂₉ = 2006 EA₆₅
 2008 WN₁₂₉ = 2001 UC₁₁₁ = 2006 EM₄₄
 2008 WM₁₃₀ = 2003 WE₆₂
 2008 WV₁₃₀ = 1994 UR₈
 2008 WF₁₃₁ = 2007 JN₄₄
 2008 XC₅₂ = 2003 UC₃₆₆
 2009 BH₈₉ = 2007 TX₂₅₆
 2009 BT₁₆₈ = 2007 TB₂₅₅
 2009 DQ₂₇ = 2007 TZ₁₄₀
 2009 FJ₂₀ = 2003 FQ₁₂₆ = 2006 TU₁₂₉
 2009 LU₆ = 2007 YF₆₁
 2009 MK₇ = 2009 UR
 2009 NF₂ = 2005 UC₁₈₅
 2009 OF₂₄ = 2001 DQ₁₁₁ = 2004 TD₃₇₀ = 2007 FZ₁₅
 2009 OG₂₄ = 2004 PA₆₃
 2009 PX₃ = 2006 WK₅₄
 2009 PY₁₀ = 2006 BT₃₉
 2009 PK₁₈ = 2004 AK₁₂
 2009 PL₁₈ = 2004 TL₁₄₃ = 2005 YT₂₂₃

2009 PM₁₈ = 2002 CA₂₀₀
 2009 PN₁₈ = 2006 DX₂₀₂
 2009 PO₁₈ = 2001 TP₂₄₅
 2009 QA₁₃ = 2003 WD₁₉₅
 2009 QJ₂₁ = 2007 EY₁₀₀
 2009 QQ₂₅ = 2005 LJ₄₄ = 2008 FF₁₆
 2009 QE₃₁ = 2003 QX₁₁₀
 2009 QS₃₄ = 2006 AZ₆₂
 2009 QS₃₅ = 2009 QJ₃₅
 2009 QR₃₈ = 2008 FV₉₀
 2009 QO₃₉ = 2006 VQ₁₁₃
 2009 QA₄₉ = 2009 SO₃₃₆
 2009 QH₄₉ = 2009 SJ₆₅
 2009 QT₅₁ = 2001 TR₁₄₈
 2009 QD₅₅ = 2007 HP₅₄
 2009 QG₅₅ = 2004 RH₁₁₇ = 2007 HX₅
 2009 QT₅₅ = 2002 CX₂₈₁
 2009 QU₅₅ = 2004 VC₉₅
 2009 QY₅₅ = 2000 SS₃₄₂
 2009 QG₅₆ = 2004 VO₁₆
 2009 QM₅₆ = 2006 XC₄₇
 2009 QT₅₆ = 2002 VV₁₁₄
 2009 RY₁₁ = 1999 VL₂₃₀
 2009 RE₁₄ = 2005 YZ₂₈₄ = 2006 AO₁₀₆
 2009 RK₁₈ = 2004 KM₁₁
 2009 RH₂₃ = 1992 SL₁₀
 2009 RG₂₈ = 2003 YM₁₆₈ = 2006 UY₂₁₁
 2009 RV₃₄ = 2005 VK₁₃₆
 2009 RD₃₆ = 1996 CS₆
 2009 RF₄₅ = 2007 FK₄₉
 2009 RG₅₀ = 2007 EH₁₉₁
 2009 RY₅₁ = 2005 SC₂₆₅
 2009 RA₅₄ = 2002 AT₉₂ = 2008 RZ₁₂
 2009 RF₆₀ = 2005 UA₃₆₈
 2009 RU₆₁ = 2002 VJ₁₃₀
 2009 RO₆₄ = 2002 EL₁₁₆
 2009 RJ₆₅ = 2004 VR₃₄
 2009 RO₆₈ = 2009 VW₅₅
 2009 RH₆₉ = 2005 QA₁₅₃
 2009 RJ₇₀ = 2007 GK₇₀
 2009 RK₇₀ = 2007 HW₈₄
 2009 RU₇₀ = 2002 UL₆₄
 2009 RV₇₀ = 1994 RH₂₇
 2009 RL₇₁ = 2004 RH₃₀₃
 2009 RN₇₁ = 2005 YZ₄₃
 2009 RU₇₁ = 2007 EB₁₉₂
 2009 RX₇₁ = 2004 TZ₂₈
 2009 RK₇₂ = 2008 RH₅₃
 2009 RL₇₂ = 2006 DT₂₈
 2009 RS₇₂ = 2007 HZ₇₃
 2009 SX₁₃ = 2005 UW₂₈₁
 2009 SE₃₅ = 2004 HD₅₂

2009 SP₃₆ = 1995 UX₁₉
 2009 SY₃₆ = 2005 UV₃₃₆
 2009 SB₃₈ = 2007 CG₂₁
 2009 SK₃₈ = 2008 SW₁₆₈
 2009 SA₃₉ = 2005 QY₁₈₄
 2009 SC₄₀ = 2004 TH₃₅₉
 2009 SY₄₀ = 2005 UT₄₁₂
 2009 SZ₄₂ = 2006 DW₇₉
 2009 SH₅₄ = 2004 TR₃₆₂ = 2007 EO₄₂
 2009 SB₅₆ = 1995 QZ₁₅
 2009 SE₅₇ = 2005 YK₂₉₂
 2009 SO₆₀ = 2007 MV₁₅
 2009 SZ₆₂ = 2009 QP₄₈
 2009 SX₆₃ = 2005 OZ₁₉
 2009 SP₆₆ = 2005 XS₅₉
 2009 ST₆₆ = 2007 GD₃₈
 2009 SA₇₀ = 2008 KJ₆
 2009 SO₇₇ = 2005 UQ₃₇₃
 2009 SW₈₀ = 2009 SZ₈₈
 2009 SA₉₆ = 1998 SL₁₇₅
 2009 SB₁₁₂ = 2007 ET₁₉₀
 2009 SC₁₁₂ = 2004 TR₃₂₉
 2009 SK₁₁₆ = 2007 FH₂₈
 2009 SG₁₂₅ = 2003 UT₃₂₇
 2009 SY₁₃₀ = 1996 HG₂₇
 2009 SC₁₃₄ = 2005 UR₄₆₀
 2009 SR₁₄₈ = 1999 RV₁₁₄
 2009 SO₁₄₉ = 2009 PJ₁₃
 2009 SM₁₅₈ = 2005 YJ₂₉₂
 2009 SX₁₅₉ = 2000 YG₁₄₁ = 2007 BC₆₈
 2009 SC₁₆₀ = 2007 EO₁₈₂
 2009 SX₁₆₄ = 2007 GR₇₆
 2009 SV₁₆₆ = 2005 QQ₉₂
 2009 SP₁₇₀ = 2008 RQ₈
 2009 SF₁₇₁ = 2002 WY₂₉
 2009 SU₁₇₃ = 2001 YS₉₄
 2009 SW₁₈₄ = 2009 SO₈₆
 2009 SR₁₈₅ = 2004 VC₄₃
 2009 SH₂₀₂ = 1998 TZ₁₀ = 2005 NX₄₇
 2009 SP₂₀₂ = 2004 XG₁₉₂
 2009 SY₂₀₂ = 2007 HJ₆₂
 2009 SM₂₀₃ = 2007 LQ₁₇
 2009 ST₂₀₃ = 2004 HQ₇₃
 2009 SB₂₀₅ = 2004 RA₁₂₁ = 2005 YA₉₉
 2009 SK₂₀₈ = 2006 HG₁₃₁
 2009 SN₂₀₈ = 2007 GV₄₃
 2009 SX₂₁₂ = 2008 FE₈₂
 2009 SY₂₁₃ = 2009 SB₂₂₉
 2009 SC₂₁₆ = 2007 EF₁₈₂
 2009 SE₂₁₆ = 2009 SU₃₄₈
 2009 SB₂₁₈ = 2009 RU₇₂
 2009 SQ₂₂₄ = 2004 TS₃₁₇

2009 SU₂₂₉ = 2007 GU₃₈
 2009 SN₂₃₆ = 2008 GJ₉₃
 2009 SX₂₄₈ = 2005 YP₂₂₃
 2009 SW₂₅₁ = 2005 QL₁₅₈
 2009 SD₂₅₃ = 2007 HO₇₇
 2009 SG₂₅₃ = 2006 DT₁₁₉
 2009 SJ₂₅₄ = 2008 GO₇₉
 2009 SO₂₅₅ = 2002 NH₅₅ = 2003 SE₂₀₀
 2009 SP₂₅₅ = 2004 XN₁₆₂
 2009 SC₂₆₆ = 2007 GW₆₅
 2009 SD₂₆₇ = 2002 TJ₆₄
 2009 SN₂₆₇ = 2002 HL₁₈
 2009 SF₂₇₀ = 2009 ST₃₄₈
 2009 SJ₂₇₆ = 2007 DN₇₁
 2009 SJ₂₇₇ = 2008 DB₂₁
 2009 SK₂₇₇ = 2003 UP₃₂₇
 2009 SO₂₇₇ = 2004 TO₃₁₃ = 2006 AO₅₀
 2009 SR₂₇₈ = 2005 UX₃₀₃
 2009 SO₂₈₂ = 2005 YD₂₃₁
 2009 SP₂₈₂ = 2005 VZ₁₀₉
 2009 SV₂₈₄ = 2004 RT₁₂₆
 2009 SJ₂₈₈ = 2004 VY₈₃
 2009 SB₂₈₉ = 1996 BU₁₄
 2009 SG₂₈₉ = 2006 FT₄₇
 2009 SQ₂₈₉ = 2009 SS₃₄₈
 2009 SP₂₉₀ = 2006 YL₅₅
 2009 SJ₂₉₄ = 2005 GC₁₀₁
 2009 SW₂₉₆ = 1997 BN₅ = 2004 RV₃₅₃
 2009 SK₂₉₇ = 2009 SY₃₃₃ = 2005 UY₄₅₅
 2009 SY₂₉₇ = 2004 VO₁₀₄
 2009 SN₃₀₂ = 1995 QQ₅
 2009 SJ₃₀₈ = 2005 NU₁₁₇
 2009 SG₃₁₀ = 2005 JE₁₂₆
 2009 SJ₃₁₇ = 2003 KE₂₅
 2009 SC₃₂₀ = 1999 LV₂₉
 2009 SD₃₂₀ = 2004 XO₁₅₉
 2009 SM₃₂₀ = 2000 UB₁₁₁
 2009 SA₃₃₂ = 2009 QM₄₈
 2009 SD₃₃₆ = 2006 JA₆₅
 2009 SN₃₃₇ = 2005 UG₂₇₄
 2009 SB₃₃₈ = 2001 FZ₁₈₄
 2009 SS₃₃₉ = 2004 HV₁₃
 2009 SV₃₃₉ = 2003 SE₃₅₅
 2009 SW₃₃₉ = 2005 EN₂₇₆
 2009 SE₃₄₀ = 2006 BJ₂₁
 2009 SF₃₄₀ = 2006 AM₅₀
 2009 SH₃₄₀ = 2003 SR₃₇₇
 2009 SJ₃₄₀ = 2008 GK₉₂
 2009 SY₃₄₀ = 2004 VF₉₃
 2009 SH₃₄₁ = 2005 WY₁₆₇
 2009 SK₃₄₁ = 2005 VY₃₄
 2009 SO₃₄₁ = 2002 TK₃₆₄

2009 SX₃₄₁ = 2005 SA₅₆
 2009 SJ₃₄₂ = 2005 ST₁₉₇
 2009 SL₃₄₂ = 2005 VG₈₈
 2009 SN₃₄₂ = 2005 SB₇₅
 2009 ST₃₄₂ = 2006 BG₂₅₈
 2009 SW₃₄₂ = 2004 RX₂₄₄ = 2005 XX₃₄
 2009 SX₃₄₂ = 2007 EE₁₁₉
 2009 SD₃₄₃ = 2000 AS₂₄₉
 2009 SL₃₄₃ = 2005 TZ₁₃₉
 2009 SO₃₄₃ = 2005 UJ₄₆₁
 2009 SV₃₄₃ = 2008 GW₁₀₄
 2009 SC₃₄₄ = 2002 CW₄₁
 2009 SP₃₄₄ = 2005 YL₂₂₁
 2009 SZ₃₄₄ = 2005 XM₅₂
 2009 SA₃₄₅ = 2005 UA₂₃₅
 2009 SF₃₄₅ = 2004 HP₂₆
 2009 SO₃₄₅ = 2005 UH₃₃₆
 2009 SP₃₄₅ = 2005 JX₆₉
 2009 SR₃₄₅ = 1995 UZ₃₃
 2009 SU₃₄₅ = 2005 QX₆₃ = 2007 EQ₂₁₁
 2009 SV₃₄₅ = 2005 UZ₄₆₂
 2009 SX₃₄₅ = 2005 TV₉₆
 2009 SZ₃₄₅ = 2005 YJ₄₄
 2009 SA₃₄₆ = 2005 UM₃₆₇
 2009 SC₃₄₆ = 2005 RD₁₇
 2009 SF₃₄₆ = 2005 UV₃₆₄
 2009 SJ₃₄₆ = 2005 WT₂₁₁
 2009 SM₃₄₆ = 2003 GX₁₄
 2009 SC₃₄₇ = 2003 AJ₅₄
 2009 SL₃₄₇ = 2006 BL₂₁₃
 2009 SM₃₄₇ = 2007 EQ₁₀₉
 2009 SU₃₄₇ = 2005 YK₁₆₄
 2009 SZ₃₄₇ = 1995 SN₆₆
 2009 SC₃₄₈ = 2007 DK₉₉
 2009 SO₃₄₈ = 2003 SP₁₂₂
 2009 TH₁ = 2007 HT₇₃
 2009 TA₃ = 2001 QM₁₉₃
 2009 TA₄ = 2008 LF₈
 2009 TZ₄ = 2009 SW₁₂₉
 2009 TZ₅ = 2002 JB₁₅₀
 2009 TA₈ = 2003 UR₃₂₄
 2009 TW₈ = 2009 SQ₂₄₉
 2009 TA₉ = 2005 YG₁₇₅
 2009 TK₁₀ = 2004 XE₁₆₉
 2009 TW₁₀ = 2003 AY₅₀ = 2007 EV₆₂
 2009 TO₁₁ = 2005 WQ₂₃
 2009 TP₁₁ = 2005 XL₄₇
 2009 TA₁₂ = 2001 YQ₁₅₉ = 2005 XE₉₂
 2009 TV₁₄ = 2005 UB₂₇₉
 2009 TU₁₅ = 2002 FN₂₉
 2009 TF₁₇ = 1999 VZ₁₈₇
 2009 TX₁₇ = 2004 XX₁₄₃

2009 TY₁₇ = 2006 DV₂₀₄
 2009 TT₁₉ = 2006 EU₈
 2009 TE₂₁ = 1996 VM₂₇
 2009 TV₂₂ = 1998 HL₃₁
 2009 TA₂₃ = 2008 RG₆₄
 2009 TB₂₃ = 2004 XL₁₀₂
 2009 TU₂₃ = 2004 XF₁₈₇
 2009 TH₂₅ = 2005 UD₂₃₇
 2009 TO₂₅ = 1997 SQ₂₆
 2009 TG₂₆ = 2005 JJ₁₆₁
 2009 TQ₂₆ = 2002 TY₁₂₆
 2009 TE₂₇ = 2004 XO₂₁
 2009 TG₂₇ = 2005 WA₂₀₁
 2009 TO₂₇ = 2002 XC₁₀₄
 2009 TV₂₇ = 1998 VX₄₆ = 2007 HU₇₆
 2009 TY₂₇ = 2006 AL₂₁
 2009 TZ₂₇ = 1999 XM₂₅₀
 2009 TA₃₀ = 2004 XH₁₇₈
 2009 TQ₃₁ = 1996 GP₁₆
 2009 TN₃₃ = 2006 CT₃₄
 2009 TG₃₅ = 2006 XX₅₂
 2009 TO₃₅ = 2001 GA₉ = 2004 XK₁₃₄
 2009 TP₃₅ = 2006 CE₃₁
 2009 TR₃₅ = 2005 AZ₄₇
 2009 TS₃₅ = 2003 TT₅₀
 2009 TH₃₆ = 2005 NL₄₅
 2009 TP₃₆ = 2008 JB₂₄
 2009 TY₃₆ = 2009 UH₁₃₆ = 2008 GN₁₁₈
 2009 TO₃₈ = 2003 QE₂₆
 2009 TJ₃₉ = 2000 WC₁₅₁
 2009 TK₃₉ = 2003 LS = 2003 LG₉
 2009 TN₃₉ = 2000 AO₂₅₂ = 2006 CJ₄₃
 2009 TQ₃₉ = 2002 RN₂₂₅ = 2002 TS₃₅₃
 2009 TX₃₉ = 2006 WT₅₄
 2009 TU₄₀ = 2005 YC₂₈₇
 2009 TX₄₀ = 1998 UW₄₈
 2009 TB₄₁ = 2006 DP₁₃ = 2007 HN₇₆
 2009 TH₄₁ = 2000 SV₂₁₄
 2009 TJ₄₁ = 2006 DK₁₆₈
 2009 TM₄₁ = 2008 OJ₁₂
 2009 TN₄₁ = 2004 WG₂
 2009 TO₄₁ = 2005 YS₂₂₅
 2009 TR₄₁ = 2007 JC₃₃
 2009 TV₄₁ = 2001 DL₁₀₀
 2009 TW₄₁ = 2000 BJ₄₀
 2009 TY₄₁ = 2007 CG₁₈
 2009 US₁ = 2003 SQ₃₁₄
 2009 UT₁ = 2006 DD₁₀₉
 2009 UL₂ = 1998 XM₄₃
 2009 UG₃ = 2002 CJ₂₂₇
 2009 UF₄ = 2003 KS₂₆
 2009 UN₄ = 2009 UQ₁₃₉ = 2005 SH₅₂

2009 US₄ = 2002 CF₁₉₇
 2009 UZ₄ = 2003 SN₂₅₆
 2009 UX₁₁ = 2006 CZ₆₂
 2009 UY₁₁ = 2004 RU₃₁₅
 2009 UC₁₂ = 2004 KQ₅
 2009 UZ₁₂ = 2004 TU₃₆₂
 2009 US₁₃ = 2007 EA₃₁
 2009 UY₁₃ = 2002 TJ₈₂
 2009 UB₁₄ = 2002 GL₁₅₆
 2009 UJ₁₅ = 2005 AW₈₂
 2009 UV₁₅ = 2004 XJ₄₂
 2009 UW₁₅ = 2005 AT₆₃
 2009 UH₁₆ = 2003 UP₂₅₃
 2009 UQ₁₆ = 2002 GR₁₀₇ = 2004 VZ₉₂
 2009 UW₁₆ = 2006 YG₃₅
 2009 UP₁₇ = 1992 SD₉
 2009 US₁₈ = 2006 BZ₁₃₉
 2009 UJ₁₉ = 2000 WP₅₁
 2009 UP₁₉ = 2001 VK₁₁
 2009 UB₂₀ = 2004 XO₇₃
 2009 UD₂₀ = 2004 PS₁₁₅ = 2006 BZ₁₂₂
 2009 UG₂₀ = 2004 VB₉
 2009 UO₂₀ = 2005 QH₁₂
 2009 UW₂₀ = 2005 YX₂₅₇
 2009 UN₂₄ = 2005 WG₁₄₇ = 2005 WQ₁₃₃ = 2005 XC₁₁₈ = 2005 XT₁₁₂
 2009 UR₂₅ = 2007 EZ₇₀
 2009 UK₂₆ = 2008 QR₃₄
 2009 UO₂₆ = 1999 TL₂₃₈ = 2007 BC₂₀
 2009 UP₂₆ = 2005 XC₃₁
 2009 UX₂₆ = 1999 TL₃₀₇
 2009 UG₂₇ = 2005 WR₁₀₆
 2009 UK₂₇ = 2000 TN₄₈
 2009 US₂₇ = 2006 AO₆₉
 2009 UY₂₇ = 2006 FL₁₂
 2009 UA₂₈ = 2009 TZ₃₇
 2009 UF₂₈ = 2000 NQ₄ = 2007 ET₉₃
 2009 UH₂₈ = 2005 UV₃₁₂
 2009 UJ₂₈ = 2005 UK₄₀₅
 2009 UZ₂₈ = 2005 CO₂₄
 2009 UZ₂₉ = 2004 TA₂₁₂ = 2007 HO₃₄
 2009 UD₃₀ = 1993 TO₃₀
 2009 UE₃₀ = 1996 GG₁₅
 2009 UG₃₀ = 2003 UX₃₃₅
 2009 UC₃₁ = 2009 VK₈₁
 2009 UJ₃₁ = 2004 XA₁₉₁
 2009 UP₃₁ = 2004 GL₅₁
 2009 UV₃₁ = 2004 XV₁₆₉ = 2006 DX₁₆₆
 2009 UG₃₂ = 2007 JA₁₆
 2009 UL₃₂ = 2006 DJ₉₇
 2009 US₃₂ = 2004 GO₆₀
 2009 UT₃₂ = 2004 SX₁₂
 2009 UC₃₃ = 2005 XF₇₄

2009 UK₃₃ = 1995 UN₅₁
 2009 UL₃₃ = 2003 TQ₄₀
 2009 US₃₃ = 2004 ON₅
 2009 UT₃₃ = 2000 WP₂₇
 2009 UA₃₄ = 1996 GA₁₂
 2009 UU₃₄ = 2003 SQ₄₁₇
 2009 UC₃₅ = 2004 XY₁₂₀ = 2006 DV₁₆₈
 2009 UG₃₅ = 2004 BZ₁₄₇
 2009 UO₃₅ = 2005 YK₄₅
 2009 UP₃₅ = 2003 WK₈₆
 2009 UQ₃₅ = 2005 WQ₁₅₅
 2009 UR₃₅ = 2006 BJ₂₀₀
 2009 UZ₃₅ = 2007 HW₇₁
 2009 UH₃₆ = 2005 YH₆₁
 2009 UM₃₆ = 2003 KA₆
 2009 UF₃₇ = 2008 TV₅₂
 2009 UG₃₇ = 2000 NX₆ = 2005 VH₃₀
 2009 UW₃₇ = 2007 HB₂₆
 2009 UB₃₈ = 2004 TO₂₇₁
 2009 UH₃₈ = 2006 HN₁₃₀
 2009 UP₃₈ = 2007 AY₂₄
 2009 UG₃₉ = 2005 MA₅₂
 2009 UU₃₉ = 1996 TK₂₀
 2009 UY₃₉ = 2006 BK₁₈
 2009 UE₄₀ = 2007 OY₉
 2009 UB₄₁ = 2004 XE₁₇₅
 2009 UK₄₁ = 2000 TS₄₆
 2009 UD₄₄ = 2004 XB₄₆
 2009 UE₄₄ = 2007 EW₂₀₀
 2009 UJ₄₄ = 2005 UC₃₁₈
 2009 UK₄₅ = 2005 XN₃₁
 2009 US₄₅ = 2005 UD₁₉₂
 2009 UF₄₆ = 2006 AN₄₅
 2009 UJ₄₆ = 2004 SL₁₃
 2009 UZ₄₆ = 1999 GA₆₃
 2009 UB₄₇ = 1998 TC₈
 2009 UE₄₇ = 2007 DA₇₂
 2009 UW₄₇ = 2005 YM₁₀₀
 2009 UQ₅₀ = 2002 TE₃₃₄
 2009 UB₅₁ = 2002 GT₁₆₅
 2009 UD₅₁ = 2003 BA₅₇
 2009 US₅₁ = 2005 XB₁₁₈
 2009 UU₅₁ = 2005 SN₁₀₉
 2009 UB₅₃ = 2005 WW₂₀₁ = 2007 GG₇
 2009 UM₅₃ = 2007 HA₄₇
 2009 UJ₅₅ = 1999 VY₁₄₆
 2009 UE₅₆ = 2006 DY₈
 2009 UX₅₇ = 2003 SU₂₁₁
 2009 UY₅₇ = 2005 NU₆₆
 2009 UF₅₉ = 2003 UC₃₈₁
 2009 UX₅₉ = 2005 WE₁₉₄
 2009 UQ₆₀ = 2004 XZ₁₈₇ = 2004 YV₃₂

2009 UD₆₂ = 2007 JT₅
 2009 UE₆₂ = 2005 WS₂₀₅
 2009 UA₆₄ = 2005 WY₂₃
 2009 UM₆₈ = 2005 OG₂₂
 2009 UN₆₉ = 2005 UX₃₇₇ = 2007 EM₁₆₂
 2009 UO₆₉ = 2002 GA₁₁₉
 2009 UX₆₉ = 2005 XY₇₃
 2009 UZ₆₉ = 2003 GC₄₃
 2009 UF₇₁ = 1992 ST₈
 2009 UH₇₁ = 2009 VJ₈₁
 2009 UK₇₁ = 2005 QE₁₄₇
 2009 UM₇₁ = 2008 SV₂₁₁
 2009 UP₇₁ = 1992 SD₁₂
 2009 US₇₁ = 2007 GH₅₆
 2009 UT₇₁ = 2003 PQ₁₀
 2009 UZ₇₁ = 1999 VV₁₀₁
 2009 UE₇₂ = 2008 UA₂₅₃
 2009 UL₇₂ = 1994 RW₃
 2009 UM₇₂ = 2000 WY₈₈
 2009 UQ₇₂ = 1996 VE
 2009 UV₇₂ = 1999 JD₁₁₄
 2009 UC₇₃ = 2009 SR₃₄₈
 2009 UZ₇₃ = 1996 RE₁₂
 2009 UF₇₄ = 1996 TK₆₈
 2009 UM₇₄ = 2005 QO₉₁
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 2009 UG₇₉ = 1998 SZ₁₆
 2009 UD₈₀ = 2004 VN₉₆
 2009 UM₈₀ = 2004 RG₁₇₃ = 2006 BU₁₈₃
 2009 US₈₀ = 2000 SM₃₅₈
 2009 UE₈₁ = 2005 YL₂₈₇
 2009 UN₈₁ = 2004 TU₁₅₁
 2009 UG₈₂ = 2002 AE₂₀₄
 2009 UK₈₂ = 2006 HU₂₈
 2009 UL₈₂ = 2000 UH₈₄
 2009 UQ₈₂ = 2007 EW₁₃₈
 2009 UV₈₂ = 2005 WL₁₆₇
 2009 UW₈₂ = 1995 UK₃₀
 2009 UB₈₃ = 2003 TB₃₀
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 2009 UN₈₃ = 2005 NS₁₈
 2009 UZ₈₃ = 2006 BG₄₀
 2009 UA₈₄ = 2007 LO₁₉
 2009 UB₈₄ = 2006 XU₂₁
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 2009 UR₈₅ = 2005 MQ₃₃
 2009 UB₈₆ = 2001 UX₁₈₂
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2009 UC₈₇ = 1999 XC₂₁₉
 2009 UL₈₇ = 1998 SE₁₅₈
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 2009 UO₈₈ = 2006 AH₅
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 2009 UL₉₁ = 2005 YC₂₄₈
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 2009 UE₉₉ = 2006 DW₂₁₂
 2009 UN₉₉ = 2006 BS₂₆₈
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 2009 UD₁₀₃ = 2000 TB₁₀
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 2009 US₁₀₅ = 2007 GR₆₁
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 2009 UJ₁₀₆ = 2007 EE₈
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 2009 UN₁₀₈ = 2005 XL₄₆ = 2007 EV₁₁₆
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 2009 US₁₁₀ = 2004 TT₁₆₁
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 2009 US₁₂₁ = 2005 YK₁₈₂
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 2009 UF₁₂₈ = 2005 VE₉₅
 2009 UJ₁₂₈ = 2004 TD₂₁₅
 2009 UL₁₂₈ = 2003 SB₁₀₁
 2009 UN₁₂₈ = 2002 TU₂₇₂
 2009 UB₁₂₉ = 2004 RM₂₁₅
 2009 UZ₁₂₉ = 1996 RP₂₂
 2009 UJ₁₃₀ = 2000 KC₅ = 2006 SV₂₉₁ = 2008 GC₁₁₂
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 2009 UQ₁₃₁ = 2005 WL₇₄
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 2009 UV₁₃₅ = 2003 QY₄₉ = 2007 JF₄
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 2009 UG₁₃₆ = 2005 AS₆₃
 2009 UJ₁₃₆ = 2008 ED₁₃₆
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 2009 UV₁₃₆ = 2005 WH₈₇
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 2009 VW₂₇ = 2003 SG₄₀₄ = 2006 KX₄₁
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 2009 VH₂₈ = 2002 YH₁₈
 2009 VZ₂₈ = 2008 GA₁₂
 2009 VF₂₉ = 2006 AL₆₅
 2009 VP₂₉ = 2004 TB₂₈₄
 2009 VQ₂₉ = 2002 TP₃₀₇
 2009 VA₃₀ = 2007 GE₅
 2009 VJ₃₀ = 2003 UH₃₂₃
 2009 VS₃₀ = 2003 UW₁₆₅
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2009 VX₃₀ = 2006 BZ₁₈₆
 2009 VY₃₀ = 2003 TE₂₃
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 6229 P-L = 2006 SU₄₁₂
 3386 T-3 = 2009 US₈₆

NEW NAMES OF MINOR PLANETS

(4298) Jorgenúñez = 1941 WA

Discovered 1941 Nov. 17 by I. Polit at Barcelona.

The main research interests of physicist and astronomer Jorge Núñez (b. 1953) are robotic observatories and the treatment of astronomical CCD images, an area to which he has contributed many refereed papers. Since 2002 he has been a member of the Royal Academy of Sciences and Arts of Barcelona.

(5877) Toshimaihara = 1990 FP

Discovered 1990 Mar. 23 by E. F. Helin at Palomar.

Toshinori Maihara (b. 1942), an emeritus professor at Kyoto University, has been a leader in infrared astronomy in Japan. He is a codeveloper of Japan's largest new technology telescope, which is due to be installed at Kyoto University's Okayama Observatory. The name was suggested by Y. Yamada.

(5917) Chibasai = 1991 NG

Discovered 1991 July 7 by E. F. Helin at Palomar.

The non-profit organization Chiba Science Association, or "Chiba Sai", was formed on 2001 July 7. Some 300 members, including educators, scientists and science-inclined citizens, have contributed to the popularization of science among children in Chiba. The name was suggested by Y. Yamada.

(6168) Isnello = 1981 EB₁

Discovered 1981 Mar. 5 by H. Debehogne and G. De Sanctis at the European Southern Observatory.

Isnello, a pleasant village in Sicily's Madonie Natural Park, has long been famous for its traditional refined embroidery. It is now becoming an important center for astronomy with the realization of the Parco Astronomico delle Madonie, an international center devoted to popularization of and research in astronomy.

(7515) Marrucino = 1986 EF₅

Discovered 1986 Mar. 5 by G. De Sanctis at the European Southern Observatory.

Marrucino was an ancient tribe that lived in Abruzzo. San Martino sulla Marucina is renowned worldwide for its wine and *chitarra*, a special kind of pasta. It is also famous for *polverieri*, a group of artisans and merchants who for five centuries produced gunpowder from grape charcoal following a secret recipe.

(8717) Richviktorov = 1995 SN₂₉

Discovered 1995 Sept. 26 by T. V. Kryachko at the Zelenchukskaya Station of the Engelhardt Observatory/

Film director Richard Nikolaevich Viktorov (1929–1983) became a part of the history of the Soviet film fantasy with his films *Moscow-Kassiopeja*, *Adolescents in the Universe* and *Through thorns to the stars*. His epitaph reads “In art you will remain perpetually as knowledge of the cosmos is perpetual”.

(10046) Creighton = 1986 JC

Discovered 1986 May 2 by INAS at Palomar.

Pioneering Arizona architect James Miller Creighton (1856–1946) designed “Old Main” at the University of Arizona and designed and constructed the original road to the summit of Pikes Peak in Colorado. His granddaughter Phyllis Creighton Danby (b. 1924) is the wife of celestial mechanician J. M. Anthony Danby.

(10048) Grönbech = 1986 TQ

Discovered 1986 Oct. 3 by P. Jensen at Brorfelde.

Danish observational astronomer Bent Grönbech (1947–1977) was widely known for the Grönbech-Olsen catalogues of complete Strömgren photometry of southern bright stars and for his research on eclipsing binaries, comets and minor planets. He published 36 scientific papers.

(11059) Nulliusinverba = 1991 RS

Discovered 1991 Sept. 4 by E. F. Helin at Palomar.

“Nullius in verba”, variously translated as “On the words of no one”, “Nothing in words” or “Respect the facts”, is the motto of The Royal Society of London for the Improvement of Natural Knowledge. This minor planet is being named on the occasion of the 350th anniversary of the founding of The Royal Society in 1660.

(12157) Können = 1070 T-2

Discovered 1973 Sept. 29 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Günther Peter Können (b. 1944), a researcher at the Koninklijk Nederlands Meteorologisch Instituut, specialized in atmospheric optics. He is famous for his book *Polarized light in Nature*, which describes phenomena such as halos and rainbows. The name was suggested by M. Drummen.

(12158) Tape = 1101 T-2

Discovered 1973 Sept. 29 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Walter Tape (b. 1941) is an Alaskan mathematician. With his book *Atmospheric halos* he made an outstanding contribution to the popularization of these beautiful phenomena. The name was suggested by G. P. Können and M. Drummen.

(12432) Usuda = 1996 AR₁

Discovered 1996 Jan. 12 by N. Sato and T. Urata at Chichibu.

The Usuda Deep Space Center of the Japan Aerospace Exploration Agency, located in Saku city, Nagano prefecture, conducts command operations and receives telemetry and data from deep-space explorers such as Hayabusa and Kaguya. The site features a parabolic antenna of diameter 64 meters and weight 1980 tons.

(13017) Owakenoomi = 1988 FM

Discovered 1988 Mar. 18 by M. Arai and H. Mori at Yorii.

Owakenoomi was a ruler of north Musashi in the latter half of the fifth century. The leader of a troop of guardsmen of the Emperor Yuuryaku, he was buried in the Inariyama old burial mounds in Gyodashi, Saitama prefecture, with an iron sword inlaid with gold that is now a national treasure.

(13064) Haemhouts = 1991 PC₆

Discovered 1991 Aug. 6 by E. W. Elst at the European Southern Observatory.

Ben Haemhouts (b. 1972) is a Belgian conductor, trombonist and composer, who studied during 1999–2002 with the Russian conductor A. Polyanichko. Currently he is the director of the Belgian Chamber Philharmonic Orchestra, and his performance of Mendelssohn's *Italian Symphony* in Oct. 2009 was much appreciated.

(13079) Toots = 1992 CD₃

Discovered 1992 Feb. 2 by E. W. Elst at the European Southern Observatory.

Jean-Baptiste, Baron (“Toots”) Thielemans (b. 1922) is a Belgian jazz harmonica player who worked with Charlie Parker, Ella Fitzgerald, Billy Joel and others.

(13085) Borlaug = 1992 HA₄

Discovered 1992 Apr. 23 by E. W. Elst at the European Southern Observatory.

Norman Ernest Borlaug (1914–2009), a U.S. agronomist and a central figure in the “green revolution”, collaborated for many years with Mexican scientists on the development of new wheat varieties. In 1970 he received the Nobel Peace Prize and subsequently pursued efforts to eliminate hunger in Asia and Africa.

(13097) Lamoraal = 1993 BU₇

Discovered 1993 Jan. 23 by E. W. Elst at the European Southern Observatory.

Lamoraal, Count of Egmont (1522–1568), was a Flemish nobleman. Together with William of Orange and the Count of Hoorne he protested against the Spanish Inquisition. His life, capture and execution were memorialized in Goethe's play *Egmont*, with music by Beethoven to accompany its first performance in 1810.

(13112) Montmorency = 1993 QV₄

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

Philip de Montmorency, Count of Hoorne (1524–1568), was stadtholder of Guelders and an admiral of Flanders. Together with William of Orange and the Count of Egmont, he resisted the introduction of the Spanish Inquisition in the Netherlands. He and Egmont were condemned to death and beheaded in Brussels.

(13156) Mannoucyo = 1995 SP₃

Discovered 1995 Sept. 20 by K. Endate and K. Watanabe at Kitami.

Mannoucyo is the name of a new town in Kagawa prefecture on Shikoku island. It was formed from the merging of the three towns Mannoucho, Kotonamicho and Chunancho. The new town has approximately 900 small reservoirs, including Mannou Pond for irrigation, the largest irrigation pond in Japan.

(13163) Koyamachuya = 1995 UC₄₅

Discovered 1995 Oct. 28 by K. Endate and K. Watanabe at Kitami.

Japanese cartoonist Chuya Koyama (b.1978) created *Ucyu Kyodai* (“Brothers Fascinated by Cosmos”), a scientific comic featuring the universe and the future. He has won numerous awards.

(13561) Kudogou = 1992 SB₁

Discovered 1992 Sept. 23 by M. Yanai and K. Watanabe at Kitami.

Gou Kudo (b.1954) is a high school science teacher and amateur astronomer. A director of the Kuroishi Subaru Association, he is also on the editorial staff of the association’s magazine *Starlit Sky Information* and works vigorously to promote knowledge of astronomy.

(13565) Yotakanashi = 1992 UZ₅

Discovered 1992 Oct. 28 by K. Endate and K. Watanabe at Kitami.

Yoichi Takanashi (b.1958) is an amateur astronomer and owner of a very famous Italian restaurant in Kamogawa City, and he entertains many a visitor coming to see him from Tokyo. He is also a vice director of the Kamogawa Lifesaving Club and contributes much to his community.

(13567) Urabe = 1992 WF₁

Discovered 1992 Nov. 16 by K. Endate and K. Watanabe at Kitami.

Mamoru Urabe (b.1960), a teacher of junior high school and an amateur astronomer, is a volunteer senior researcher at the Kamogawa Observatory in Chiba prefecture and has a private observatory in his home. His astronomical interests include comets, nebulae, star clusters and occultations by minor planets.

(16444) Godefroy = 1989 GW₁

Discovered 1989 Apr. 3 by E. W. Elst at the European Southern Observatory.

Godefroy Wendelin (Godefried van der Lijn, 1580–1660) was a Belgian canon of the Liège episcopacy and an astronomer who erected the first astronomical observatory at the Signal de Lure near Mont Ventoux in Provence. The name was suggested by F. M. van der Mersch.

(18294) Rudenko = 1978 SF₅

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

Anatolij Afanas’evich Rudenko (b.1949) is a full member of the Tsiolkovsky Russian Academy of Cosmonautics and an authority on systems analysis and high technology. He was a member of the team that created aerospace systems and developed powerful liquid-propellant engines.

(18731) Vil’bakirov = 1998 KW₇

Discovered 1998 May 23 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Vil’ S. Bakirov (b.1946) is a Ukrainian sociologist, president of the Sociological Association and corresponding member of the National Academy of Sciences of Ukraine. Since 1998 he has served as rector of Kharkiv V. N. Karazin National University, where he has promoted the development of astronomy and other sciences.

(20017) Alixcatherine = 1991 TF₁₄

Discovered 1991 Oct. 2 by C. P. de Saint-Aignan at Palomar.

Alix Catherine de Saint-Aignan (b.2002) is the eldest daughter of the discoverer.

(22616) Bogolyubov = 1998 KG₇

Discovered 1998 May 23 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Nikolai Nikolaevich Bogolyubov (1909–1992) was a Russian and Ukrainian Soviet mathematician and theoretical physicist known for his work in statistical field theory and dynamical systems. He was awarded the Dirac Medal in 1992. The name was suggested by K. I. Churyumov.

(22617) Vidphananu = 1998 KH₇

Discovered 1998 May 23 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

The name Vidphananu is a Ukrainian abbreviation for the Department of Physics and Astronomy of the National Academy of Sciences of Ukraine, which was created in Kiev in 1918. The name was suggested by K. I. Churyumov.

(22645) Rotblat = 1998 OT₆

Discovered 1998 July 26 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Joseph Rotblat (1908–2005) was a Nobel Peace Prize laureate in 1995 for his efforts toward nuclear disarmament. A signatory to the 1955 Russell-Einstein manifesto, he was the guiding spirit of the Pugwash Conferences on Science and World Affairs and helped prevent the use of nuclear weapons during the Cold War.

(22744) Esterantonucci = 1998 TB₃₄

Discovered 1998 Oct. 14 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Ester Antonucci (b.1945) is a solar physicist who has spent most of her career studying the sun using spacecraft. She participated in the Solar Maximum and SOHO missions and, since 2005, has been director of the Osservatorio Astronomico di Torino—the first woman to hold this position.

(23401) Brodskaya = 1968 OE₁

Discovered 1968 July 25 by G. A. Plyugin and Yu. A. Belyaev at Cerro El Roble.

Vera Yakovlevna Brodskaya (b.1923) worked at the Pulkovo Observatory for more than 30 years. As librarian and curator of the library fund she was the initiator and main compiler of editions of the *Catalogue of Astronomical Observatories*.

(23403) Boudewijnbuch = 1971 FB

Discovered 1971 Mar. 24 by T. Gehrels at Palomar.

Boudewijn Maria Ignatius Büch (1948–2002) was a Dutch writer, poet and television presenter. He is well known for his successful novel *De kleine blonde dood* (“Little blond death”, 1985), on which a film was based in 1993. The name was suggested by C. E. Koppeschaar.

(23404) Bomans = 1972 RG

Discovered 1972 Sept. 15 by T. Gehrels at Palomar.

Godfried Jan Arnold Bomans (1913–1971) was a popular Dutch author known for his books of modern-day fairy tales and his short, humorous pieces full of parody and acerbic wit. His young-adult fantasy novel *Eric in the Land of the Insects* (1940) was turned into a film in 2004. The name was suggested by L. E. Timmerman.

(27855) Giorgilli = 1995 AK

Discovered 1995 Jan. 4 by F. Manca and A. Testa at Sormano.

Antonio Giorgilli (b. 1949), professor of mathematical physics at the University of Milan, distinguished himself in his productive career with numerous works in perturbation theory of Hamiltonian systems, with applications to studies of the long-term orbital stability of major and minor planets.

(27938) Guislain = 1997 JG₁₆

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

Joseph Guislain (1797–1860), one of the first students at the University of Ghent, was appointed head of the psychiatric hospitals in Ghent in 1820. He is remembered for proposing a law that formed the basis of psychiatric treatment in Belgium for more than a century.

(32200) Seiicyoshida = 2000 OT₂

Discovered 2000 July 28 by Y. Ikari at Dync.

Seiichi Yoshida (b. 1974), who started the MISAO (Multitudinous Image-based Sky-survey and Accumulative Observations) project, contributes to the discovery of variable stars and studies photometric observations of comets.

(32731) Annaivanovna = 1968 OD₁

Discovered 1968 July 25 by G. A. Plyugin and Yu. A. Belyaev at Cerro El Roble.

Anna Ivanovna Plyugina (1929–2009) worked for more than 30 years as a specialist in fundamental astrometry at the Pulkovo Observatory. In 1968 she observed and organized observations for the Pulkovo expedition to Chile. The name was suggested by the first discoverer, who was her husband.

(34892) Evapalisa = 2001 VW₈₈

Discovered 2001 Nov. 15 by H. Debehogne and E. W. Elst at Uccle.

At a recent Uccle “Open Door Day” the observatory received a visit from Eva Palisa (b. 1942), great-grand-niece of Johann Palisa, the leading visual discoverer of minor planets. Widely traveled, she has been a trilingual secretary in Europe and an “amateur all-round naturalist”. She spent 15 years in the West African bush.

(65716) Ohkinohama = 1993 BZ₂

Discovered 1993 Jan. 25 by T. Seki at Geisei.

Ohkinohama is a 1.5-kilometer-long beach adjacent to the eastern part of Ashizurimisaki promontory at the southern end of Shikoku Island.

(65894) Echizenmisaki = 1998 BO₄₈

Discovered 1998 Jan. 30 by T. Seki at Geisei.

Echizenmisaki is a promontory in Fukui prefecture that projects into the Sea of Japan. It is a famous tourist attraction and known for Echizen crabs.

(66846) Frankleder = 1999 VP₂

Discovered 1999 Nov. 6 by R. Linderholm at Lime Creek.

Louis Franklin Lederer (1935–2009) was a director of Instrumentation Specialties Co. in Lincoln, Nebraska, and an inventor who was granted patents in 1975 and 1976 for devices measuring flow rates and air and water quality. These devices are now commonly used in the U.S., Canada and Europe.

(75555) Wonaszek = 1999 YW₁₄

Discovered 1999 Dec. 31 by K. Sárneczky and L. Kiss at Piszkestető.

Hungarian astronomer Antal Wonaszek (1871–1902) was director of the Kiskartal Observatory during 1897–1902. His main field of research was the observation of clouds in Jupiter’s atmosphere and the study of irregularities in Saturn’s rings. He also made observations of the sun, moon and comets.

(84447) Jeffkanipe = 2002 TU₂₄₀

Discovered 2002 Oct. 6 by NEAT at Haleakala.

While working on a publication for the fortieth anniversary of Arp’s *Atlas of Peculiar Galaxies*, astronomical author and editor Jeff Kanipe (b. 1953) became interested in a spike extending out of the image of Arp 192 = NGC 3303. This led to its recognition in 2009 as a predisccovery trail of (84447) on 1964 Feb. 19.

(84995) Zselic = 2003 YB₁₀₈

Discovered 2003 Dec. 26 by K. Sárneczky at Piszkestető.

Zselic is one of Hungary’s most beautiful wooded regions. The Zselic Landscape Protection Area has good dark skies. A Starry Sky Park is being set up in the area.

(84996) Hortobágy = 2003 YW₁₁₀

Discovered 2003 Dec. 26 by K. Sárneczky at Piszkestető.

Hortobágy, an 800-square-km national park in eastern Hungary, is Hungary’s largest protected area and the largest natural grassland in Europe. The area was designated a national park in 1973, and it was listed among the World Heritage sites in 1999. A Starry Sky Park is being set up in the area.

(86196) Specula = 1999 SC₁₀

Discovered 1999 Sept. 24 by K. Sárneczky and L. Kiss at Piszkestető.

Specula is the old name for the Observatory of Eger, built in 1774 by count Károly Eszterházy (1725–1799). The observatory was never used in projects of real importance because of the turmoils of history and politics. Today it is a museum where its well-preserved 200-year-old instruments are on display.

(89973) Aranyjános = 2002 RR₁₁₇

Discovered 2002 Sept. 8 by K. Sárneczky at Piszkestető.

Hungarian writer, poet, journalist and translator János Arany (1817–1882) wrote more than 40 ballads (translated into over 50 languages), as well as the Toldi trilogy, to mention his most famous works. He is considered to be the most literary Hungarian writer.

(90370) Jókaimór = 2003 NY₅

Discovered 2003 July 7 by K. Sárneczky and B. Sipőcz at Piszkestető.

Hungarian dramatist and novelist Mór Jókai (1825–1904) was an imaginative, humorous and romantic writer. His work allows one to form a good idea of the character of this great Hungarian romancer and patriot. He was also a stargazer and owned an 8-cm refractor.

(97472) Hobby = 2000 CB₄₁

Discovered 2000 Feb. 6 at Needville.

The Hobby Foundation supports museums and educational organizations throughout Texas. Ten thousand schoolchildren and members of the public a year view the wonders of the heavens through the Hobby telescope at the Houston Museum of Natural Science’s George Observatory.

(100417) Philipglass = 1996 EC

Discovered 1996 Mar. 7 by E. Meyer at the Davidschlag Observatory, Linz.

U.S. composer Philip Glass (b. 1937) is known for his “music with repetitive structures”. His works include symphonies, concertos for piano, violin, timpani and saxophone quartet and orchestra, as well as scores for movie soundtracks. Among his two dozen operas are *Einstein on the Beach* and *Kepler*.

(100485) Russelldavies = 1996 VX

Discovered 1996 Nov. 3 by E. Meyer and E. Obermair at the Davidschlag Observatory, Linz.

Dennis Russell Davies (b. 1944), principal conductor of the Bruckner Orchestra Linz from 2002 and musical director of the Basel Symphony Orchestra from 2009, inspired Philip Glass to compose the opera *Kepler*, which premiered in Linz in 2009, 400 years after the publication of Kepler's *Astronomia Nova*.

(104896) Schwanden = 2000 JL₅

Discovered 2000 May 2 by J. Kandler at Drebach.

The village of Schwanden is part of Sigriswil, in the canton of Berne. In 2000 the Swiss teacher Theo Gyger (b. 1939) founded a public observatory and planetarium in the village.

(110743) Hirobumi = 2001 UQ₁

Discovered 2001 Oct. 18 by A. Nakamura at Kuma Kogen.

Hirobumi Ito (1841–1909), born in Yamaguchi prefecture, greatly contributed to the modernization of the Japanese political system. He studied politics in Europe and the U.S. and established a cabinet system of government. He became the first prime minister of Japan in 1885.

(111913) Davidgans = 2002 GD

Discovered 2002 Apr. 1 by KLENOT at Kletř.

David ben Solomon Gans (1541–1613) was a Jewish chronicler, mathematician, geographer and astronomer. Born in Germany, he moved to Prague in 1564, where he became a student of Rabbi Loew and came into contact with Johannes Kepler and Tycho Brahe. He is best known for his works *Tzemach David* and *Nechmad ve-Naim*.

(114987) Tittel = 2003 QW₆₈

Discovered 2003 Aug. 26 by K. Sárneczky and B. Sipőcz at Piszkestető.

Hungarian astronomer and professor Pál Tittel (1784–1831), director of the Eger and Buda observatories, was a catholic priest and member of the Hungarian Academy of Science. For several years in his youth he was a pupil of Gauss in Göttingen. This minor planet was discovered on the 172nd anniversary of his death.

(115885) Ganz = 2003 VL₁

Discovered 2003 Nov. 6 by K. Sárneczky and B. Sipőcz at Piszkestető.

Swiss-Hungarian technical engineer Ábrahám Ganz (1814–1867) opened an iron-works in Buda and was father of the Ganz companies. He filed patent applications for perfecting a process for manufacturing chill-casting of wheels for railway carriages. This minor planet was discovered on the 189th anniversary of his birth.

(125473) Keisaku = 2001 WP₁₄

Discovered 2001 Nov. 20 by A. Nakamura at Kuma Kogen.

Keisaku Ninomiya (1804–1862) was a medical doctor who studied Western medicine and pharmaceuticals under the German doctor P. F. von Siebold in Nagasaki. Keisaku is the foster father and teacher of Ine Kusumoto, who was the first female practitioner to master Western medicine in Japan.

(127005) Pratchett = 2002 GY₁

Discovered 2002 Apr. 1 by J. Dellinger and W. G. Dillon at Needville.

Terence David John (“Terry”) Pratchett (b. 1948) is a popular English author known for his richly detailed and allegorical “Discworld” series of satirical fantasy novels.

(143048) Margaretpenston = 2002 VR₁₃₂

Discovered 2002 Nov. 2 by A. Fitzsimmons and I. P. Williams at La Palma.

Margaret Penston (b. 1941) is an astronomer recognised for her work in astronomy education. She is past president of the U.K. Society for Popular Astronomy and the author of several books on astronomy for the general public.

(154932) Sviderskiene = 2004 TB₂₁

Discovered 2004 Oct. 12 by K. Černis and J. Zdanavicius at the Moletai Astronomical Observatory.

Lithuanian astronomer Zinaida Sviderskiene (b. 1945) worked in the field of stellar photometry and served as director of the Vilnius Planetarium during 1992–1997. Author of four books on popular astronomy and many popular science articles, she is also known as a space artist who paints astronomical subjects.

(157258) Leach = 2004 RL₁₆₅

Discovered 2004 Sept. 12 at Jarnac.

Sidney (“Sid”) Leach (b. 1951) and Gloria Leach (b. 1958) have spread their enthusiasm for astronomy around young people for years in schools and public events. Sid serves as president of the U.S. National Sharing the Sky Foundation, and Gloria plans his travels for astrophotography across the northern and southern hemispheres.

(159776) Eduardoröhl = 2003 JR₁₇

Discovered 2003 May 2 by I. R. Ferrín and C. Leal at Mérida.

Eduardo Röhl (1891–1959) was a Venezuelan scientist, humanist and entrepreneur, known for his research in climatology, meteorology, ornithology, astronomy, history and geography. He created the Venezuelan Society of Natural Sciences and in 1952 initiated the creation of the National Observatory of Venezuela.

(175633) Yaoan = 2007 TF₁₈₄

Discovered 2007 Oct. 9 at the XuYi Station of the Purple Mountain Observatory.

Yaoan is a county in the north of Yunnan Province with a long history and a cultural heritage that embraces various ethnic groups. The Yaoan Observation Station of the Purple Mountain Observatory is currently being built there.

(176710) Banff = 2002 QR₅₆

Discovered 2002 Aug. 17 by A. Lowe on images taken at Haleakala.

Banff, Alberta, well known for its hot springs and mountainous scenery, is one of Canada's most popular tourist attractions.

(176711) Canmore = 2002 QM₅₇

Discovered 2002 Aug. 17 by A. Lowe on plates taken at Palomar.

Named in 1884, the town of Canmore became one of the most important coal-mining centers in southern Alberta. During the 1988 Winter Olympics, Canmore hosted the Nordic events, and it has since become a major tourism destination.

(179595) Belkovich = 2002 MK₄

Discovered 2002 June 22 by A. Fitzsimmons and I. P. Williams at La Palma.

Oleg Belkovich (b. 1934) is recognized worldwide for his work on the radar observations of meteors. He was director of the Engelhardt Astronomical Observatory in Kazan during 1977–1990 and president of IAU Commission 22 (Meteors) during 1982–1985.

(189310) Polydamas = 2006 AJ₈₂

Discovered 2006 Jan. 3 by I. R. Ferrín at Mérida.

Polydamas was a Trojan commander whose battle strategy was more cautious than that of his friend Hektor. Polydamas and Hektor were born on the same night.

(194262) Nové Zámky = 2001 TE₂₅₇

Discovered 2001 Oct. 10 by NEAT at Palomar.

Nové Zámky is a modern town and district center in southern Slovakia. In the sixteenth century a modern fortress was built there against the Ottoman Turks. The town was the birthplace of the photographer Lucien Aigner and is home to Stefan Kürti, who measured the first positions of this minor planet.

(196476) Humfernandez = 2003 JU₁₇

Discovered 2003 May 2 by I. R. Ferrín and C. Leal at Mérida.

Humberto Fernandez Morán (1924–1999) created the Venezuelan Institute for Neurological and Brain Studies, predecessor of the current Venezuelan Institute of Scientific Research. The first person to use the concept of cryoultramicrotomy, he developed the diamond knife.

(198700) Nataliegrönewald = 2005 CM₂₅

Discovered 2005 Feb. 5 by R. Apitzsch at Wildberg.

Natalie Grönewald (née Apitzsch, b. 1970) is the daughter of the discoverer. She earned a degree in nutrition science in 1994 and successfully implemented quality management at major food industry companies. She settled with her family in Ratingen, Germany.

(201497) Marcelroche = 2003 JT₁₇

Discovered 2003 May 2 by I. R. Ferrín and C. Leal at Mérida.

Born in Caracas, Marcel Roche (1920–2003) conducted research in biomedicine and the management of science. He was first president of the National Council of Scientific Research (1969), a promoter of the National Observatory of Venezuela in Mérida and a winner of UNESCO's Kalinga prize for the popularization of science.

(213636) Gajdoš = 2002 QR₁₂₂

Discovered 2002 Aug. 20 by NEAT at Palomar.

Štefan Gajdoš (b. 1959) is a Slovak astronomer and lecturer at the Comenius University in Bratislava. He is involved in photometry and astrometry of minor planets and comets at the Modra Observatory, where his discoveries include one near-earth object. He is known as a popularizer of astronomy.

(214378) Kleinmann = 2005 LW₂₃

Discovered 2005 June 10 by M. Ory at Vicques.

Georges Kleinmann (b. 1930) is a retired journalist and producer for Swiss public television who covered the Apollo space missions.

(216343) Wenchang = 2007 WJ₅₆

Discovered 2007 Nov. 28 by Q.-z. Ye and H.-C. Lin at Lulin.

Wenchang Shi, historically known as Zibei County, is a Chinese city in Hainan Dao. It has a history of about 2100 years and is the ancestral home of the first discoverer.

(216451) Irsha = 2009 HP₁₂

Discovered 2009 Apr. 19 at Andrushivka.

Located on the Irsha river, the ancient city of Malyn in Ukraine is noted for the museum of Nikolaj Miklukho-Maklaj (1846–1888), a prominent ethnologist, biologist, and anthropologist. His place of birth is not definitely known, but the city has been considered a possibility.

(217628) Lugh = 1990 HA

Discovered 1990 Apr. 17 by A. Mrkos at Kleť.

Lugh (or Lugus) is the Celtic God of the sun and light. He was known for many skills as smith, warrior, druid and bard. His name has been commemorated in numerous place-names in former Celtic Europe. The summer harvest festival called Lughnasadh bears his name. The name was suggested by M. Tichý.

(218400) Marquardt = 2004 QG₇

Discovered 2004 Aug. 22 by W. Ries at Altschwendt.

Daniel Marquardt (b. 1983), known for his high-quality astrophotographs, is a writer and educator. He is known particularly for his pioneering work in remote astrophotography, and he was one of the initiators of ROSA (Remote Observatories Southern Alps), a remote observatory park in the south of France.

(218900) Gabybuchholz = 2007 EO₉

Discovered 2007 Mar. 8 by R. Apitzsch at Wildberg.

Gabriele Buchholz (née Schöpf, b. 1952) provides medical care, from classical therapy to acupuncture, for the people of Nagold, in southern Germany. Her engagement to improve public health for the city concentrates on the treatment of diabetes mellitus.

(218901) Gerdbuchholz = 2007 EC₁₀

Discovered 2007 Mar. 10 by R. Apitzsch at Wildberg.

Gerhard Buchholz (b. 1950) provides medical care as a specialist in internal medicine for his patients, including the discoverer, in the southern German city of Nagold.

(218998) Navi = 2008 JZ₂

Discovered 2008 May 3 by P. Kocher at Observatoire Naef.

Navi Kocher (b. 2009) is the grandchild of the discoverer.

(221516) Bergen-Enkheim = 2006 PR₄

Discovered 2006 Aug. 13 by U. Suessenberger at the Bergen-Enkheim Observatory.

Bergen-Enkheim is the easternmost borough of Frankfurt am Main. Since 2005 it has hosted the discoverer's observatory, which is dedicated to confirmation of near-earth objects and research on minor planets.

(221923) Jayeff = 2009 OD₃

Discovered 2009 July 22 by N. Falla at the RAS Observatory, Moorook.

June F. ("J. F.") Falla (b. 1945) is the wife of the discoverer. A retired instrument technician, her encouragement and practical assistance led to the discovery of this minor planet.

EPHEMERIDES

P/2009 U4 (McNaught)				Elements MPC 67685				
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 11 25		22 08.14	−21 30.2	1.672	1.847	83.8	32.1	17.8
2009 12 05		22 30.56	−18 24.7	1.805	1.897	79.8	30.7	18.1
2009 12 15		22 52.09	−15 20.7	1.946	1.950	75.6	29.3	18.3
2009 12 25		23 12.83	−12 20.2	2.093	2.007	71.3	27.7	18.6
2010 01 04		23 32.87	−09 24.6	2.245	2.066	66.8	25.9	18.9
2010 01 14		23 52.30	−06 35.0	2.401	2.128	62.2	24.1	19.2
2010 01 24		00 11.20	−03 51.9	2.559	2.191	57.4	22.2	19.4
2010 02 03		00 29.64	−01 16.1	2.716	2.257	52.5	20.3	19.7
2010 02 13		00 47.69	+01 12.3	2.873	2.323	47.5	18.3	20.0
2010 02 23		01 05.40	+03 33.0	3.026	2.391	42.4	16.2	20.2

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2009 DEC. 2

2010 03 05	01 22.79	+05 45.7	3.174	2.459	37.2	14.1	20.4
2010 03 15	01 39.91	+07 50.5	3.316	2.528	31.9	12.0	20.6

C/2009 U3 (Hill)

Elements MPC 67685

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	02 40.88	+25 43.7	1.171	2.128	160.6	8.9	16.6		
2009 12 05	02 13.65	+29 05.7	1.144	2.033	145.3	16.0	16.4		
2009 12 15	01 47.73	+32 09.5	1.150	1.941	130.6	22.6	16.2		
2009 12 25	01 25.76	+34 55.1	1.181	1.852	117.4	28.1	16.0		
2010 01 04	01 09.14	+37 30.9	1.227	1.768	105.7	32.4	15.9		
2010 01 14	00 58.12	+40 07.7	1.279	1.690	95.8	35.4	15.8		
2010 01 24	00 52.39	+42 54.9	1.329	1.618	87.5	37.4	15.7		
2010 02 03	00 51.44	+45 59.3	1.372	1.555	80.7	38.7	15.6		
2010 02 13	00 54.95	+49 25.3	1.406	1.502	75.5	39.5	15.5		
2010 02 23	01 03.06	+53 16.2	1.428	1.460	71.7	40.0	15.4		
2010 03 05	01 16.54	+57 33.5	1.438	1.431	69.4	40.4	15.3		
2010 03 15	01 37.56	+62 16.5	1.438	1.416	68.4	40.8	15.3		
2010 03 25	02 11.07	+67 18.5	1.431	1.416	68.7	41.0	15.3		
2010 04 04	03 08.21	+72 15.8	1.420	1.430	70.0	41.1	15.3		
2010 04 14	04 49.71	+75 55.9	1.413	1.458	72.0	40.9	15.4		
2010 04 24	07 12.23	+75 54.1	1.414	1.499	74.5	40.3	15.5		
2010 05 04	09 06.69	+71 20.1	1.431	1.552	76.9	39.2	15.7		
2010 05 14	10 13.99	+64 12.9	1.470	1.615	78.8	37.9	15.9		
2010 05 24	10 55.19	+56 10.7	1.535	1.686	80.0	36.3	16.2		
2010 06 03	11 23.68	+48 04.5	1.628	1.764	80.1	34.5	16.5		
2010 06 13	11 45.58	+40 21.7	1.748	1.847	79.1	32.7	16.9		
2010 06 23	12 03.82	+33 16.3	1.891	1.936	77.0	30.8	17.3		
2010 07 03	12 19.87	+26 53.3	2.055	2.028	74.1	28.8	17.6		
2010 07 13	12 34.56	+21 12.1	2.235	2.122	70.4	26.8	18.0		
2010 07 23	12 48.37	+16 09.3	2.426	2.219	66.2	24.8	18.4		
2010 08 02	13 01.60	+11 40.5	2.625	2.318	61.4	22.6	18.7		
2010 08 12	13 14.43	+07 40.9	2.827	2.417	56.3	20.4	19.1		
2010 08 22	13 26.99	+04 06.3	3.029	2.518	51.0	18.2	19.4		
2010 09 01	13 39.34	+00 53.2	3.229	2.619	45.3	15.9	19.7		
2010 09 11	13 51.53	-02 01.8	3.422	2.721	39.5	13.6	20.0		
2010 09 21	14 03.59	-04 40.9	3.606	2.822	33.4	11.3	20.3		

C/2009 W2 (Boattini)

Elements MPC 67685

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	06 19.75	+40 01.1	6.170	7.002	145.0	4.6	19.4		
2009 12 05	06 07.56	+40 12.5	6.091	6.997	155.1	3.4	19.4		
2009 12 15	05 54.60	+40 14.4	6.049	6.993	162.2	2.5	19.4		
2009 12 25	05 41.42	+40 05.7	6.048	6.990	162.0	2.5	19.4		
2010 01 04	05 28.60	+39 46.8	6.086	6.987	154.5	3.5	19.4		
2010 01 14	05 16.67	+39 19.2	6.162	6.985	144.3	4.7	19.4		
2010 01 24	05 06.05	+38 45.1	6.272	6.983	133.2	5.9	19.4		
2010 02 03	04 57.01	+38 07.2	6.410	6.982	122.0	6.9	19.5		
2010 02 13	04 49.65	+37 28.2	6.569	6.982	110.8	7.6	19.5		
2010 02 23	04 43.97	+36 50.1	6.743	6.982	99.9	8.0	19.6		
2010 03 05	04 39.88	+36 14.5	6.924	6.983	89.3	8.2	19.6		
2010 03 15	04 37.23	+35 42.5	7.106	6.984	79.0	8.0	19.7		
2010 03 25	04 35.85	+35 14.5	7.282	6.987	69.0	7.7	19.8		
2010 04 04	04 35.55	+34 50.8	7.447	6.989	59.2	7.1	19.8		

2010 04 14	04 36.16	+34 31.2	7.598	6.992	49.8	6.3	19.8
2010 04 24	04 37.50	+34 15.5	7.729	6.996	40.6	5.4	19.9
2010 05 04	04 39.41	+34 03.5	7.837	7.001	31.8	4.4	19.9

C/2009 U5 (Grauer)

Elements MPC 67685

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	09 08.79	+18 41.7	5.879	6.265	108.6	8.6	18.8		
2009 12 05	09 10.04	+19 05.6	5.717	6.249	118.6	8.0	18.7		
2009 12 15	09 10.26	+19 35.2	5.569	6.233	128.8	7.1	18.7		
2009 12 25	09 09.46	+20 10.1	5.440	6.218	139.3	5.9	18.6		
2010 01 04	09 07.74	+20 49.3	5.334	6.204	149.9	4.6	18.6		
2010 01 14	09 05.23	+21 31.5	5.255	6.191	160.6	3.0	18.5		
2010 01 24	09 02.15	+22 15.0	5.205	6.178	170.7	1.5	18.5		
2010 02 03	08 58.77	+22 57.8	5.186	6.167	173.5	1.0	18.5		
2010 02 13	08 55.40	+23 38.3	5.199	6.156	164.4	2.5	18.5		
2010 02 23	08 52.33	+24 14.8	5.241	6.145	153.9	4.1	18.5		
2010 03 05	08 49.85	+24 46.1	5.311	6.136	143.4	5.5	18.5		
2010 03 15	08 48.17	+25 11.7	5.405	6.127	133.1	6.8	18.5		
2010 03 25	08 47.48	+25 31.1	5.519	6.119	123.0	7.9	18.6		
2010 04 04	08 47.86	+25 44.4	5.648	6.112	113.2	8.6	18.6		
2010 04 14	08 49.35	+25 52.0	5.788	6.105	103.8	9.2	18.7		
2010 04 24	08 51.93	+25 54.0	5.935	6.100	94.6	9.5	18.7		
2010 05 04	08 55.55	+25 51.0	6.085	6.095	85.8	9.5	18.8		
2010 05 14	09 00.12	+25 43.5	6.233	6.091	77.3	9.3	18.8		
2010 05 24	09 05.55	+25 31.9	6.377	6.088	69.0	8.9	18.9		
2010 06 03	09 11.74	+25 16.6	6.513	6.085	61.0	8.4	18.9		
2010 06 13	09 18.59	+24 58.0	6.639	6.084	53.1	7.7	19.0		
2010 06 23	09 26.00	+24 36.6	6.752	6.083	45.5	6.8	19.0		
2010 07 03	09 33.87	+24 12.8	6.851	6.083	38.1	5.9	19.0		
2010 07 13	09 42.11	+23 47.0	6.934	6.083	30.9	4.9	19.0		

P/2009 W1 (Hill)

Elements MPC 67685

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	09 51.77	+29 06.4	2.630	2.997	102.2	18.8	18.4		
2009 12 05	09 58.60	+29 39.2	2.513	3.004	110.6	17.9	18.3		
2009 12 15	10 03.24	+30 24.0	2.405	3.012	119.4	16.5	18.2		
2009 12 25	10 05.45	+31 19.9	2.309	3.022	128.5	14.7	18.1		
2010 01 04	10 05.09	+32 23.8	2.231	3.032	137.8	12.6	18.1		
2010 01 14	10 02.21	+33 31.1	2.173	3.043	146.7	10.2	18.0		
2010 01 24	09 57.05	+34 35.3	2.138	3.056	154.4	8.0	18.0		
2010 02 03	09 50.24	+35 29.1	2.130	3.069	158.7	6.7	18.0		
2010 02 13	09 42.59	+36 06.5	2.148	3.083	157.4	7.1	18.1		
2010 02 23	09 35.12	+36 23.4	2.193	3.098	151.4	8.8	18.1		
2010 03 05	09 28.79	+36 18.8	2.263	3.114	143.2	11.0	18.2		
2010 03 15	09 24.28	+35 54.5	2.355	3.131	134.3	13.1	18.3		
2010 03 25	09 22.02	+35 13.3	2.465	3.149	125.3	15.0	18.4		
2010 04 04	09 22.11	+34 19.0	2.590	3.167	116.6	16.4	18.6		
2010 04 14	09 24.45	+33 14.6	2.727	3.186	108.3	17.4	18.7		
2010 04 24	09 28.83	+32 02.6	2.871	3.206	100.2	18.0	18.9		

P/2009 U6 (LINEAR)

Elements MPC 67685

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	10 36.69	+12 23.3	1.624	1.850	86.6	32.2	16.7		
2009 12 05	10 50.42	+12 38.3	1.571	1.907	93.7	31.0	16.8		

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2009 12 15	11 01.41	+13 14.2	1.518	1.967	101.5	29.4	16.8
2009 12 25	11 09.34	+14 13.9	1.466	2.028	110.2	27.1	16.9
2010 01 04	11 13.92	+15 37.9	1.421	2.089	119.6	24.1	17.0
2010 01 14	11 14.92	+17 24.4	1.386	2.152	129.8	20.6	17.0
2010 01 24	11 12.30	+19 27.9	1.366	2.215	140.5	16.4	17.1
2010 02 03	11 06.42	+21 38.1	1.366	2.279	151.0	12.1	17.3
2010 02 13	10 58.04	+23 42.3	1.390	2.342	160.0	8.3	17.4
2010 02 23	10 48.35	+25 27.6	1.440	2.406	163.5	6.7	17.6
2010 03 05	10 38.78	+26 44.9	1.518	2.469	158.8	8.4	17.8
2010 03 15	10 30.55	+27 31.0	1.621	2.532	150.0	11.3	18.1
2010 03 25	10 24.55	+27 47.3	1.747	2.594	140.4	14.2	18.4
2010 04 04	10 21.18	+27 38.4	1.892	2.656	130.9	16.5	18.6
2010 04 14	10 20.45	+27 09.7	2.053	2.718	121.8	18.3	18.9
2010 04 24	10 22.15	+26 25.7	2.225	2.779	113.1	19.4	19.2
2010 05 04	10 25.95	+25 30.5	2.407	2.839	105.0	20.1	19.4
2010 05 14	10 31.49	+24 27.0	2.594	2.899	97.2	20.2	19.7
2010 05 24	10 38.44	+23 17.2	2.784	2.958	89.8	20.0	19.9
2010 06 03	10 46.52	+22 02.9	2.974	3.016	82.6	19.5	20.2

195P/Hill

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 11 25	11 21.85	-31 01.6	5.016	4.652	63.0	10.9	18.7		
2009 12 05	11 28.24	-32 27.1	4.916	4.665	69.6	11.4	18.6		
2009 12 15	11 33.54	-33 50.3	4.810	4.679	76.5	11.8	18.6		
2009 12 25	11 37.62	-35 09.6	4.699	4.693	83.7	12.0	18.6		
2010 01 04	11 40.32	-36 23.1	4.587	4.708	91.0	12.1	18.5		
2010 01 14	11 41.56	-37 28.7	4.475	4.722	98.5	11.9	18.5		
2010 01 24	11 41.25	-38 23.9	4.369	4.737	106.1	11.5	18.5		
2010 02 03	11 39.43	-39 06.1	4.271	4.753	113.6	11.0	18.4		
2010 02 13	11 36.23	-39 32.8	4.184	4.768	121.0	10.2	18.4		
2010 02 23	11 31.89	-39 41.7	4.113	4.784	127.9	9.4	18.4		
2010 03 05	11 26.79	-39 31.6	4.059	4.800	133.9	8.6	18.4		
2010 03 15	11 21.39	-39 02.3	4.027	4.817	138.5	7.9	18.4		
2010 03 25	11 16.19	-38 15.0	4.018	4.834	141.0	7.5	18.4		
2010 04 04	11 11.66	-37 12.6	4.033	4.851	141.0	7.5	18.4		
2010 04 14	11 08.18	-35 58.9	4.071	4.868	138.5	7.9	18.4		
2010 04 24	11 06.00	-34 38.4	4.133	4.885	134.0	8.5	18.5		
2010 05 04	11 05.25	-33 15.6	4.217	4.903	128.1	9.3	18.5		
2010 05 14	11 05.97	-31 54.5	4.319	4.921	121.3	10.1	18.6		
2010 05 24	11 08.10	-30 38.6	4.438	4.939	114.1	10.8	18.7		
2010 06 03	11 11.54	-29 30.2	4.570	4.958	106.7	11.3	18.8		
2010 06 13	11 16.16	-28 30.9	4.712	4.976	99.2	11.6	18.8		
2010 06 23	11 21.82	-27 41.7	4.860	4.995	91.7	11.7	18.9		
2010 07 03	11 28.38	-27 02.9	5.011	5.014	84.3	11.6	19.0		
2010 07 13	11 35.71	-26 34.4	5.163	5.034	77.0	11.4	19.1		
2010 07 23	11 43.70	-26 15.7	5.312	5.053	69.9	10.9	19.2		
2010 08 02	11 52.24	-26 06.1	5.455	5.073	62.8	10.3	19.2		
2010 08 12	12 01.22	-26 05.0	5.591	5.092	55.9	9.5	19.3		
2010 08 22	12 10.58	-26 11.5	5.717	5.112	49.1	8.6	19.4		
2010 09 01	12 20.22	-26 24.7	5.831	5.132	42.5	7.6	19.4		
2010 09 11	12 30.08	-26 43.9	5.930	5.153	36.2	6.6	19.5		
2010 09 21	12 40.10	-27 08.2	6.015	5.173	30.3	5.6	19.5		

C/2006 Q1 (McNaught)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 15	17 42.09	+25 36.4	6.310	5.713	49.0	7.5	16.6		
2009 12 25	17 51.76	+25 53.8	6.375	5.786	49.6	7.4	16.6		
2010 01 04	18 01.20	+26 20.8	6.427	5.859	51.0	7.5	16.7		
2010 01 14	18 10.32	+26 57.2	6.469	5.932	53.2	7.6	16.8		
2010 01 24	18 19.01	+27 42.6	6.500	6.005	55.9	7.8	16.8		
2010 02 03	18 27.16	+28 36.3	6.522	6.077	59.3	8.0	16.9		
2010 02 13	18 34.68	+29 37.8	6.535	6.150	63.0	8.2	17.0		
2010 02 23	18 41.46	+30 46.0	6.540	6.223	67.1	8.4	17.0		
2010 03 05	18 47.39	+31 59.7	6.540	6.295	71.5	8.6	17.1		
2010 03 15	18 52.37	+33 17.9	6.535	6.368	76.0	8.7	17.1		
2010 03 25	18 56.32	+34 38.8	6.528	6.440	80.6	8.8	17.2		
2010 04 04	18 59.14	+36 00.7	6.520	6.513	85.2	8.8	17.2		
2010 04 14	19 00.77	+37 21.8	6.512	6.585	89.8	8.8	17.3		
2010 04 24	19 01.17	+38 40.0	6.508	6.657	94.2	8.7	17.3		
2010 05 04	19 00.33	+39 52.9	6.508	6.729	98.4	8.5	17.3		
2010 05 14	18 58.30	+40 58.4	6.514	6.801	102.3	8.3	17.4		
2010 05 24	18 55.17	+41 54.3	6.529	6.873	105.7	8.2	17.4		
2010 06 03	18 51.10	+42 38.6	6.553	6.944	108.7	8.0	17.5		
2010 06 13	18 46.31	+43 09.8	6.587	7.016	111.0	7.8	17.6		
2010 06 23	18 41.08	+43 26.8	6.634	7.087	112.6	7.6	17.6		
2010 07 03	18 35.71	+43 29.4	6.693	7.158	113.5	7.5	17.7		
2010 07 13	18 30.52	+43 17.7	6.764	7.230	113.5	7.4	17.7		
2010 07 23	18 25.80	+42 52.7	6.848	7.300	112.7	7.4	17.8		
2010 08 02	18 21.80	+42 16.1	6.945	7.371	111.1	7.4	17.9		
2010 08 12	18 18.70	+41 29.8	7.053	7.442	108.8	7.4	18.0		
2010 08 22	18 16.62	+40 36.1	7.173	7.513	105.9	7.4	18.0		
2010 09 01	18 15.63	+39 37.2	7.301	7.583	102.4	7.5	18.1		
2010 09 11	18 15.73	+38 35.5	7.438	7.653	98.6	7.5	18.2		
2010 09 21	18 16.89	+37 33.1	7.581	7.723	94.4	7.4	18.3		
2010 10 01	18 19.05	+36 31.9	7.728	7.793	90.0	7.4	18.4		

10P/Tempel

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 15	15 16.46	-08 45.6	3.107	2.369	35.0	13.8	16.8	19.6	
2009 12 25	15 35.83	-09 53.5	2.971	2.307	40.0	15.9	16.4	19.5	
2010 01 04	15 55.87	-10 54.4	2.830	2.245	45.0	18.0	16.0	19.5	
2010 01 14	16 16.62	-11 47.3	2.683	2.182	49.8	20.2	15.6	19.3	
2010 01 24	16 38.06	-12 31.2	2.533	2.120	54.6	22.2	15.2	19.2	
2010 02 03	17 00.21	-13 05.5	2.381	2.058	59.1	24.3	14.7	19.1	
2010 02 13	17 23.07	-13 29.3	2.229	1.996	63.5	26.3	14.2	18.9	
2010 02 23	17 46.63	-13 42.1	2.079	1.935	67.8	28.2	13.8	18.8	
2010 03 05	18 10.91	-13 43.6	1.932	1.875	71.7	30.2	13.3	18.6	
2010 03 15	18 35.93	-13 33.8	1.789	1.816	75.5	32.0	12.7	18.4	
2010 03 25	19 01.66	-13 12.8	1.652	1.760	79.0	33.8	12.2	18.2	
2010 04 04	19 28.14	-12 41.5	1.521	1.705	82.3	35.5	11.7	18.0	
2010 04 14	19 55.40	-12 00.8	1.399	1.654	85.3	37.2	11.2	17.8	
2010 04 24	20 23.41	-11 12.8	1.285	1.606	88.1	38.8	10.7	17.6	
2010 05 04	20 52.19	-10 19.6	1.180	1.562	90.7	40.2	10.2	17.4	
2010 05 14	21 21.70	-09 24.3	1.085	1.523	93.1	41.5	9.7	17.2	
2010 05 24	21 51.79	-08 31.2	1.001	1.489	95.4	42.6	9.3	17.0	
2010 06 03	22 22.29	-07 44.3	0.926	1.462	97.6	43.4	9.0	16.8	

M.P.C. 67766

2009 DEC. 2

2010 06 13	22 52.84	-07 08.9	0.862	1.441	100.0	43.9	8.6	16.7
2010 06 23	23 22.94	-06 50.2	0.807	1.428	102.5	44.0	8.4	16.5
2010 07 03	23 51.97	-06 52.5	0.762	1.423	105.3	43.6	8.2	16.4
2010 07 13	00 19.14	-07 19.8	0.725	1.425	108.7	42.5	8.1	16.2
2010 07 23	00 43.59	-08 14.0	0.696	1.435	112.7	40.8	8.1	16.1
2010 08 02	01 04.50	-09 34.8	0.674	1.453	117.3	38.3	8.2	16.0
2010 08 12	01 21.02	-11 19.4	0.659	1.478	122.8	35.2	8.3	15.9
2010 08 22	01 32.49	-13 21.0	0.651	1.509	129.0	31.4	8.5	15.8
2010 09 01	01 38.61	-15 28.9	0.653	1.546	135.8	27.1	8.8	15.7
2010 09 11	01 39.45	-17 29.0	0.666	1.588	142.7	22.6	9.1	15.7
2010 09 21	01 35.82	-19 04.3	0.691	1.635	148.7	18.6	9.5	15.7
2010 10 01	01 29.21	-20 00.9	0.732	1.685	152.5	15.9	10.0	15.8
2010 10 11	01 21.47	-20 11.3	0.790	1.738	152.6	15.3	10.5	16.0
2010 10 21	01 14.45	-19 35.4	0.866	1.794	149.2	16.5	11.0	16.3
2010 10 31	01 09.46	-18 21.2	0.958	1.852	143.3	18.7	11.6	16.7
2010 11 10	01 07.14	-16 38.3	1.068	1.912	136.4	20.9	12.2	17.1
2010 11 20	01 07.64	-14 36.6	1.193	1.973	129.2	22.8	12.8	17.4
2010 11 30	01 10.74	-12 24.3	1.332	2.034	121.9	24.3	13.3	17.8
2010 12 10	01 16.10	-10 06.8	1.484	2.096	114.7	25.3	13.9	18.1
2010 12 20	01 23.37	-07 48.3	1.645	2.158	107.7	25.7	14.4	18.4
2010 12 30	01 32.20	-05 31.4	1.814	2.221	100.9	25.8	15.0	18.7
2011 01 09	01 42.31	-03 17.7	1.990	2.283	94.2	25.4	15.5	19.0
2011 01 19	01 53.46	-01 08.6	2.170	2.345	87.6	24.8	15.9	19.2
2011 01 29	02 05.45	+00 55.2	2.353	2.407	81.1	23.8	16.4	19.4
2011 02 08	02 18.12	+02 53.1	2.536	2.468	74.8	22.7	16.8	19.6
2011 02 18	02 31.36	+04 44.5	2.717	2.529	68.5	21.3	17.2	19.7
2011 02 28	02 45.05	+06 29.2	2.895	2.589	62.4	19.8	17.6	19.9
2011 03 10	02 59.12	+08 06.9	3.068	2.648	56.2	18.2	18.0	20.0
2011 03 20	03 13.47	+09 37.3	3.234	2.707	50.2	16.4	18.4	20.1
2011 03 30	03 28.04	+11 00.2	3.392	2.765	44.2	14.6	18.7	20.2
2011 04 09	03 42.77	+12 15.7	3.540	2.822	38.2	12.7	19.0	20.2
2011 04 19	03 57.60	+13 23.4	3.676	2.878	32.3	10.7	19.3	20.3

169P/NEAT			Elements MPC 56805					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 12 25		18 34.00	-55 43.7	0.277	0.764	32.5	136.2	19.0
2010 01 04		15 45.54	-70 49.6	0.212	0.880	55.4	113.1	16.7
2010 01 14		10 50.98	-58 57.6	0.195	1.005	90.7	78.0	15.2
2010 01 24		09 28.46	-33 47.9	0.232	1.132	124.7	45.6	14.8
2010 02 03		08 59.30	-15 47.1	0.310	1.259	147.5	24.9	15.1
2010 02 13		08 46.12	-04 41.3	0.419	1.382	156.6	16.5	15.7
2010 02 23		08 40.98	+02 10.0	0.551	1.502	153.2	17.3	16.5
2010 03 05		08 40.95	+06 29.6	0.702	1.618	145.1	20.6	17.3
2010 03 15		08 44.44	+09 15.3	0.870	1.731	136.2	23.4	18.0
2010 03 25		08 50.50	+10 59.6	1.053	1.839	127.6	25.4	18.6
2010 04 04		08 58.43	+12 01.6	1.247	1.945	119.5	26.6	19.1
2010 04 14		09 07.69	+12 33.6	1.450	2.046	111.8	27.1	19.6
2010 04 24		09 17.96	+12 43.1	1.661	2.144	104.4	27.0	20.0
2010 05 04		09 28.93	+12 35.6	1.877	2.239	97.2	26.5	20.3
2010 05 14		09 40.39	+12 14.8	2.095	2.331	90.3	25.7	20.6
2010 05 24		09 52.21	+11 43.3	2.314	2.420	83.6	24.6	20.9
2010 06 03		10 04.24	+11 03.3	2.531	2.507	77.0	23.2	21.1
2010 06 13		10 16.40	+10 16.5	2.745	2.590	70.5	21.7	21.3

2010 06 23	10 28.64	+09 24.1	2.954	2.671	64.1	20.0	21.5
2010 07 03	10 40.90	+08 27.4	3.155	2.749	57.7	18.2	21.6
2010 07 13	10 53.13	+07 27.2	3.346	2.826	51.4	16.3	21.8
2010 07 23	11 05.31	+06 24.2	3.527	2.899	45.0	14.4	21.9
2010 08 02	11 17.41	+05 19.5	3.695	2.971	38.7	12.3	21.9
2010 08 12	11 29.41	+04 13.5	3.849	3.040	32.3	10.2	22.0

44P/Reinmuth			Elements MPC 60465					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 12 25		08 44.40	+16 07.9	3.548	4.382	144.0	7.6	20.7 22.5
2010 01 04		08 38.54	+16 21.0	3.497	4.411	155.5	5.3	20.7 22.4
2010 01 14		08 31.71	+16 37.8	3.474	4.439	167.3	2.8	20.7 22.2
2010 01 24		08 24.42	+16 56.5	3.483	4.467	177.6	0.5	20.8 22.1
2010 02 03		08 17.21	+17 15.1	3.524	4.494	168.5	2.5	20.8 22.3
2010 02 13		08 10.60	+17 32.1	3.597	4.521	156.8	4.9	20.9 22.5

C/2003 WT ₄₂ (LINEAR)			Elements MPC 56169					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 12 25		15 29.39	-21 01.0	11.450	10.693	38.0	3.2	22.3
2010 01 04		15 32.76	-21 22.4	11.388	10.746	47.3	3.9	22.3
2010 01 14		15 35.71	-21 42.5	11.307	10.799	56.8	4.4	22.3
2010 01 24		15 38.17	-22 01.1	11.210	10.853	66.3	4.8	22.3
2010 02 03		15 40.08	-22 18.0	11.103	10.906	76.0	5.0	22.3
2010 02 13		15 41.39	-22 33.3	10.988	10.959	85.7	5.2	22.3
2010 02 23		15 42.06	-22 46.7	10.871	11.013	95.6	5.1	22.3
2010 03 05		15 42.06	-22 58.2	10.758	11.066	105.6	5.0	22.3
2010 03 15		15 41.42	-23 07.7	10.652	11.119	115.7	4.6	22.3
2010 03 25		15 40.14	-23 15.1	10.559	11.172	125.9	4.1	22.2
2010 04 04		15 38.29	-23 20.4	10.484	11.226	136.1	3.5	22.2
2010 04 14		15 35.95	-23 23.7	10.430	11.279	146.3	2.8	22.1
2010 04 24		15 33.22	-23 25.0	10.402	11.332	156.6	2.0	22.1
2010 05 04		15 30.23	-23 24.6	10.402	11.385	166.6	1.2	22.0
2010 05 14		15 27.10	-23 22.9	10.431	11.438	175.0	0.4	22.0
2010 05 24		15 24.00	-23 20.1	10.491	11.491	170.8	0.8	22.0
2010 06 03		15 21.04	-23 16.7	10.580	11.544	161.1	1.6	22.1
2010 06 13		15 18.36	-23 13.3	10.698	11.598	151.2	2.4	22.2
2010 06 23		15 16.07	-23 10.3	10.841	11.651	141.2	3.1	22.3
2010 07 03		15 14.24	-23 08.1	11.007	11.704	131.3	3.7	22.4
2010 07 13		15 12.93	-23 07.2	11.193	11.757	121.5	4.2	22.5
2010 07 23		15 12.19	-23 07.9	11.393	11.810	111.9	4.6	22.5

C/2009 F4 (McNaught)			Elements MPC 66204					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1 m_2
2009 12 25		15 40.25	-34 38.8	8.359	7.576	35.2	4.3	16.4
2010 01 04		15 44.71	-35 34.3	8.210	7.529	43.6	5.2	16.3
2010 01 14		15 48.72	-36 32.0	8.043	7.483	52.3	6.0	16.3
2010 01 24		15 52.12	-37 31.8	7.860	7.437	61.2	6.7	16.2
2010 02 03		15 54.78	-38 33.6	7.666	7.391	70.2	7.2	16.1
2010 02 13		15 56.52	-39 37.2	7.464	7.345	79.3	7.6	16.0
2010 02 23		15 57.20	-40 42.2	7.258	7.299	88.5	7.8	15.9
2010 03 05		15 56.66	-41 47.8	7.053	7.254	97.8	7.8	15.8
2010 03 15		15 54.77	-42 53.3	6.855	7.209	107.0	7.6	15.8
2010 03 25		15 51.42	-43 57.3	6.668	7.165	116.2	7.2	15.7
2010 04 04		15 46.56	-44 58.2	6.497	7.120	125.2	6.6	15.6

2009 DEC. 2

M.P.C. 67767

2010 04 14	15 40.23	-45 54.1	6.346	7.076	133.7	5.9	15.5
2010 04 24	15 32.55	-46 43.1	6.219	7.032	141.4	5.1	15.4
2010 05 04	15 23.79	-47 23.3	6.119	6.989	147.3	4.5	15.4
2010 05 14	15 14.29	-47 53.4	6.048	6.946	150.6	4.1	15.3
2010 05 24	15 04.52	-48 13.0	6.007	6.903	150.1	4.2	15.3
2010 06 03	14 54.96	-48 22.4	5.995	6.861	146.2	4.7	15.3
2010 06 13	14 46.05	-48 23.1	6.011	6.819	139.9	5.5	15.2
2010 06 23	14 38.20	-48 17.1	6.051	6.778	132.4	6.4	15.2
2010 07 03	14 31.67	-48 07.0	6.113	6.736	124.2	7.2	15.2
2010 07 13	14 26.64	-47 55.4	6.192	6.696	115.7	7.9	15.2
2010 07 23	14 23.16	-47 44.7	6.284	6.655	107.2	8.4	15.2
2010 08 02	14 21.23	-47 37.0	6.384	6.615	98.8	8.7	15.2
2010 08 12	14 20.78	-47 33.7	6.488	6.576	90.6	8.9	15.2
2010 08 22	14 21.72	-47 36.2	6.591	6.537	82.5	8.8	15.2
2010 09 01	14 23.92	-47 45.2	6.690	6.498	74.8	8.6	15.3
2010 09 11	14 27.28	-48 01.0	6.782	6.460	67.3	8.3	15.3
2010 09 21	14 31.67	-48 24.1	6.863	6.423	60.2	7.8	15.3
2010 10 01	14 36.98	-48 54.3	6.930	6.386	53.5	7.2	15.3
2010 10 11	14 43.12	-49 31.6	6.981	6.349	47.5	6.7	15.2
2010 10 21	14 49.98	-50 15.9	7.015	6.313	42.2	6.1	15.2
2010 10 31	14 57.46	-51 07.0	7.031	6.277	37.9	5.6	15.2
2010 11 10	15 05.49	-52 04.8	7.027	6.243	35.1	5.2	15.2
2010 11 20	15 13.96	-53 09.2	7.003	6.208	34.0	5.1	15.2
2010 11 30	15 22.79	-54 19.9	6.960	6.174	34.7	5.2	15.1

24P/Schaumasse

Elements MPC 56804

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2009 12 25		16 03.17	-16 02.8	2.819	2.047	31.5	14.6	19.6	20.1
2010 01 04		16 22.51	-17 09.6	2.834	2.131	36.9	16.1	20.3	20.3
2010 01 14		16 40.58	-18 04.2	2.836	2.215	42.6	17.5	20.4	20.4
2010 01 24		16 57.30	-18 48.4	2.826	2.298	48.7	18.8	20.5	20.5
2010 02 03		17 12.54	-19 23.6	2.802	2.381	55.2	19.9	20.6	20.6
2010 02 13		17 26.18	-19 51.6	2.767	2.464	62.0	20.7	20.7	20.7
2010 02 23		17 38.07	-20 14.1	2.721	2.545	69.3	21.3	20.7	20.7
2010 03 05		17 48.03	-20 32.9	2.665	2.626	77.0	21.6	20.8	20.8
2010 03 15		17 55.88	-20 49.6	2.602	2.706	85.1	21.5	20.8	20.8
2010 03 25		18 01.41	-21 05.7	2.535	2.784	93.8	20.9	20.8	20.8
2010 04 04		18 04.46	-21 22.4	2.467	2.862	102.9	19.9	20.7	20.7
2010 04 14		18 04.86	-21 40.6	2.403	2.939	112.7	18.4	20.7	20.7
2010 04 24		18 02.54	-22 00.4	2.347	3.015	123.0	16.2	20.6	20.6
2010 05 04		17 57.58	-22 21.5	2.305	3.090	133.8	13.6	20.5	20.5
2010 05 14		17 50.24	-22 42.6	2.281	3.163	145.2	10.5	20.5	20.5
2010 05 24		17 41.04	-23 02.4	2.280	3.236	157.0	7.0	20.4	20.4
2010 06 03		17 30.73	-23 19.5	2.307	3.308	168.9	3.4	20.2	20.2
2010 06 13		17 20.16	-23 32.9	2.363	3.379	179.0	0.3	20.1	20.1
2010 06 23		17 10.23	-23 42.9	2.450	3.448	167.3	3.7	20.5	20.5
2010 07 03		17 01.67	-23 50.3	2.565	3.517	155.8	6.8	20.8	20.8
2010 07 13		16 54.95	-23 56.5	2.706	3.585	144.8	9.4	21.1	21.1
2010 07 23		16 50.34	-24 02.8	2.870	3.651	134.2	11.5	21.3	21.3
2010 08 02		16 47.90	-24 10.2	3.052	3.717	124.1	13.1	21.5	21.5
2010 08 12		16 47.52	-24 19.2	3.248	3.782	114.5	14.1	21.7	21.7
2010 08 22		16 49.05	-24 29.9	3.455	3.846	105.2	14.7	21.9	21.9
2010 09 01		16 52.28	-24 42.1	3.667	3.909	96.3	14.9	22.1	22.1

2010 09 11	16 56.99	-24 55.4	3.882	3.971	87.7	14.7	22.3
2010 09 21	17 02.99	-25 09.2	4.095	4.032	79.4	14.2	22.4
2010 10 01	17 10.07	-25 23.0	4.304	4.092	71.2	13.4	22.5

183P/Korlević-Jurić

Elements MPC 58540

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2010 01 04		16 26.82	-35 21.8	5.059	4.292	35.1	7.6	19.7	19.7
2010 01 14		16 38.85	-36 09.6	4.979	4.302	42.3	8.8	19.8	19.8
2010 01 24		16 50.37	-36 56.7	4.885	4.313	49.6	10.0	19.8	19.8
2010 02 03		17 01.23	-37 43.2	4.778	4.324	57.2	11.0	19.8	19.8
2010 02 13		17 11.29	-38 29.7	4.661	4.335	64.9	11.9	19.7	19.7
2010 02 23		17 20.34	-39 16.6	4.534	4.346	72.8	12.6	19.7	19.7
2010 03 05		17 28.20	-40 04.3	4.402	4.357	80.9	13.0	19.7	19.7
2010 03 15		17 34.69	-40 52.9	4.267	4.368	89.2	13.2	19.6	19.6
2010 03 25		17 39.57	-41 42.7	4.133	4.379	97.7	13.0	19.6	19.6
2010 04 04		17 42.66	-42 33.0	4.002	4.390	106.4	12.6	19.5	19.5
2010 04 14		17 43.79	-43 23.2	3.880	4.401	115.2	11.9	19.4	19.4
2010 04 24		17 42.84	-44 11.7	3.769	4.412	124.1	10.9	19.3	19.3
2010 05 04		17 39.79	-44 56.2	3.674	4.423	133.0	9.6	19.2	19.2
2010 05 14		17 34.78	-45 34.2	3.598	4.434	141.5	8.2	19.1	19.1
2010 05 24		17 28.09	-46 02.9	3.546	4.445	149.1	6.7	19.0	19.0
2010 06 03		17 20.25	-46 19.9	3.518	4.456	154.8	5.6	18.9	18.9
2010 06 13		17 11.87	-46 23.8	3.517	4.467	156.7	5.2	18.9	18.9
2010 06 23		17 03.70	-46 14.6	3.543	4.478	154.0	5.7	19.0	19.0
2010 07 03		16 56.42	-45 53.9	3.595	4.489	148.0	6.9	19.1	19.1
2010 07 13		16 50.57	-45 24.2	3.671	4.500	140.3	8.3	19.2	19.2
2010 07 23		16 46.53	-44 48.6	3.770	4.511	131.8	9.7	19.3	19.3
2010 08 02		16 44.47	-44 10.4	3.886	4.522	123.2	10.8	19.4	19.4
2010 08 12		16 44.43	-43 31.9	4.018	4.533	114.5	11.7	19.5	19.5
2010 08 22		16 46.34	-42 55.0	4.160	4.544	105.9	12.4	19.6	19.6
2010 09 01		16 50.06	-42 21.0	4.310	4.554	97.6	12.7	19.7	19.7
2010 09 11		16 55.42	-41 50.4	4.464	4.565	89.4	12.7	19.8	19.8
2010 09 21		17 02.24	-41 23.2	4.618	4.576	81.3	12.5	19.9	19.9
2010 10 01		17 10.34	-40 59.2	4.769	4.586	73.5	12.1	19.9	19.9
2010 10 11		17 19.55	-40 37.9	4.915	4.597	65.8	11.4	20.0	20.0
2010 10 21		17 29.72	-40 18.7	5.053	4.607	58.3	10.6	20.0	20.0
2010 10 31		17 40.68	-40 01.0	5.179	4.618	50.9	9.6	20.0	20.0
2010 11 10		17 52.30	-39 44.3	5.293	4.628	43.7	8.5	20.0	20.0
2010 11 20		18 04.45	-39 27.9	5.393	4.639	36.7	7.3	20.0	20.0
2010 11 30		18 16.99	-39 11.5	5.476	4.649	30.1	6.1	20.0	20.0

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2004 JC ₇	2009 11 18.0	03 33.24	-09 54.7	19.3	-0.94	-11.4	10.9/10.2	66172
2009 VK ₃₈	2009 11 18.0	03 33.25	+22 38.0	19.8	-1.10	- 2.8	1.7/18.6	65981
2000 DG ₃₀	2009 11 18.0	03 33.25	+02 10.3	19.3	-0.80	- 3.7	5.4/14.3	66091
2009 VU ₃₀	2009 11 18.0	03 33.27	+25 21.5	19.7	-0.99	- 7.7	2.4/19.4	65977
2009 UO ₂₅	2009 11 18.0	03 33.29	+16 00.1	19.4	-1.00	- 5.4	1.6/17.4	65887
2009 VF ₈	2009 11 18.0	03 33.31	+20 16.0	18.4	-0.87	-12.9	0.4/18.3	65966
2005 YW ₁₂₉	2009 11 18.0	03 33.34	+09 39.6	19.4	-1.00	+ 0.4	3.7/16.6	66243
2008 PN ₁₇	2009 11 18.0	03 33.36	+40 27.5	20.0	-0.99	- 3.9	5.7/23.0	47451
2008 TU ₁₄₆	2009 11 18.0	03 33.37	+14 57.3	20.3	-0.57	- 2.0	0.9/17.2	65622
2009 SQ ₃₃₁	2009 11 18.0	03 33.43	+03 55.7	18.3	-0.75	-10.9	7.0/13.7	66367

2001 TT ₁₈	2009 11 18.0	03 33.45 +55 32.7 20.2	-2.33 + 7.7	18.8/21.8	57960
2009 UT ₅₉	2009 11 18.0	03 33.54 +21 18.1 19.9	-1.11 - 5.0	0.9/18.5	65913
2008 GA ₇₀	2009 11 18.0	03 33.55 +05 50.2 20.3	-0.97 - 2.6	4.9/15.7	64330
2004 XE ₁₇₇	2009 11 18.0	03 33.55 +31 32.8 20.1	-0.91 - 3.6	3.8/20.6	56000
2009 UM ₅₃	2009 11 18.0	03 33.55 +23 19.4 19.0	-1.10 + 2.6	1.5/18.6	65911
2000 BZ ₂₃	2009 11 18.0	03 33.55 +00 56.2 19.3	-0.94 + 2.0	6.2/15.4	66091
2007 FQ ₄₄	2009 11 18.0	03 33.57 +22 25.9 20.5	-0.93 - 2.6	1.1/18.7	66280
2008 HL ₃₆	2009 11 18.0	03 33.60 +09 26.2 19.9	-1.13 - 0.7	4.2/16.6	66318
2007 GS ₄₃	2009 11 18.0	03 33.62 +14 16.7 20.2	-0.90 - 4.7	1.7/17.1	66281
2006 FK ₁₃	2009 11 18.0	03 33.62 +08 12.4 20.4	-0.82 - 4.8	3.4/15.7	66258
2004 JW ₁₄	2009 11 18.0	03 33.62 +12 44.3 20.0	-1.09 - 1.4	2.4/17.0	66173
2007 HO ₉₆	2009 11 18.0	03 33.64 +17 14.7 20.5	-0.91 - 0.2	0.6/17.8	65565
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 18.7	-0.95 - 2.2	3.8/16.6	66116
2005 RQ ₁₄	2009 11 18.1	03 33.65 +17 19.7 19.4	-0.97 - 3.9	0.9/17.7	66207
2009 UZ ₁₃₂	2009 11 18.1	03 33.67 +11 15.5 19.5	-0.92 - 8.5	3.8/16.2	65955
2004 RA ₃₄₂	2009 11 18.1	03 33.68 +07 38.0 19.8	-0.90 - 2.8	4.2/15.9	66181
2009 UF ₄₇	2009 11 18.1	03 33.69 +17 03.8 19.8	-1.05 - 7.3	1.1/17.6	66379
2001 RU ₁₂₇	2009 11 18.1	03 33.71 +13 36.0 19.5	-1.01 - 2.5	5.2/17.1	66105
2008 TP ₁₀₈	2009 11 18.1	03 33.73 +10 00.5 20.4	-0.55 - 2.0	1.8/16.2	66332
2001 CT ₃₆	2009 11 18.1	03 33.77 -02 53.2 20.8	-0.79 - 2.7	6.2/13.7	43118
2006 BL ₂₀₈	2009 11 18.1	03 33.77 +17 21.4 20.4	-0.84 - 3.7	0.5/17.8	66252
2008 TW ₁₇₄	2009 11 18.1	03 33.80 +21 40.7 19.9	-0.57 - 1.2	0.5/18.6	66333
2007 CU ₁₇	2009 11 18.1	03 33.82 +21 01.8 21.1	-1.08 - 2.8	0.6/18.5	66268
2009 VH ₂₈	2009 11 18.1	03 33.83 +20 13.3 18.6	-0.88 - 5.7	0.5/18.4	65975
2005 QK ₁₆₅	2009 11 18.1	03 33.84 +18 33.7 19.5	-1.14 - 0.7	0.3/18.0	66206
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	66223
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
2000 EQ ₁₁₆	2009 11 18.1	03 33.92 -06 11.5 19.2	-0.76 - 3.8	8.0/12.4	66092
2004 GT ₂₇	2009 11 18.1	03 33.92 -00 20.1 20.9	-0.95 - 3.4	6.4/14.4	40123
2005 XC ₂₂	2009 11 18.1	03 33.93 +26 29.1 18.6	-1.10 - 4.2	3.0/19.6	66237
2005 XO ₄₉	2009 11 18.1	03 33.98 +22 56.7 20.1	-1.03 - 1.4	1.5/18.8	65490
2009 UE ₄₇	2009 11 18.1	03 33.99 +19 48.0 20.4	-1.08 - 2.3	0.3/18.3	65908
2009 UR ₃₃	2009 11 18.1	03 33.99 +17 34.2 20.0	-0.80 - 4.2	0.5/17.8	65897
2005 SQ ₈₇	2009 11 18.1	03 34.01 +15 31.6 21.2	-1.06 - 4.0	1.4/17.5	65444
2009 VJ ₃₈	2009 11 18.1	03 34.01 +22 32.9 19.5	-0.97 + 0.8	1.0/18.7	65981
2007 EU ₁₁₄	2009 11 18.1	03 34.02 +20 40.4 20.2	-0.99 - 1.3	0.5/18.4	66275
2008 FY ₆₀	2009 11 18.1	03 34.03 +19 25.9 20.0	-1.22 - 0.3	0.1/18.2	66315
2008 FR ₁₂₉	2009 11 18.1	03 34.05 +20 36.7 19.7	-1.14 - 2.9	0.6/18.4	66316
2007 BU ₇₅	2009 11 18.1	03 34.07 +20 45.8 20.0	-1.07 - 3.2	0.8/18.5	66268
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 18.9	-0.95 - 5.6	0.2/18.1	66119
2007 CU ₃₈	2009 11 18.1	03 34.15 +21 34.1 21.4	-1.06 - 4.0	0.8/18.6	18197
2009 VS ₂₄	2009 11 18.2	03 34.07 +31 17.6 18.8	-1.06 - 4.2	6.0/20.7	65973
2005 XW ₁₉	2009 11 18.2	03 34.09 +20 13.9 20.0	-1.04 - 1.7	0.4/18.4	66237
2005 YX ₁₃₁	2009 11 18.2	03 34.09 +13 52.1 20.0	-0.91 - 2.7	1.9/17.2	66243
2002 QP ₇₁	2009 11 18.2	03 34.14 +22 05.8 19.8	-1.12 - 3.4	1.4/18.7	66136
2009 UL ₁₀₈	2009 11 18.2	03 34.14 +18 19.1 19.5	-0.88 - 3.5	0.3/18.0	65942
2009 UG ₁₀₃	2009 11 18.2	03 34.15 +18 27.1 19.2	-0.84 - 4.7	0.3/18.1	66384

2001 XT ₁₀₅	2009 11 18.2	03 34.19 +27 40.1 18.5	-1.03 - 3.8	3.9/19.9	66118
2005 SW ₁₁₇	2009 11 18.2	03 34.20 +15 21.6 19.2	-1.12 - 0.1	1.6/17.7	66211
2007 GM ₃₈	2009 11 18.2	03 34.23 +07 40.0 19.5	-0.83 - 6.1	4.1/15.6	66281
2005 UY ₂₄₁	2009 11 18.2	03 34.24 +24 42.5 20.7	-1.06 - 4.0	1.9/19.3	66224
2009 UB ₃₉	2009 11 18.2	03 34.25 +12 58.0 19.6	-0.86 - 8.9	2.3/16.7	66378
2009 WA ₂₅	2009 11 18.2	03 34.25 +22 11.0 19.4	-0.88 - 3.3	1.1/18.8	66011
2009 UR ₁₃₈	2009 11 18.2	03 34.28 +14 41.4 20.3	-0.88 - 2.6	1.5/17.4	65960
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	66249
2003 SD ₁₄₀	2009 11 18.2	03 34.30 +10 29.6 19.3	-0.83 - 2.1	3.1/16.6	66156
2007 CB ₁₂	2009 11 18.2	03 34.30 +12 53.0 20.7	-1.07 - 3.0	2.4/17.1	66268
2008 DF ₆₆	2009 11 18.2	03 34.31 +58 16.1 20.3	-2.29 + 3.4	18.7/24.4	40527
2003 SS ₂₃₀	2009 11 18.2	03 34.36 +02 42.3 19.5	-0.80 - 3.5	5.5/14.9	66157
2000 SO ₄₂	2009 11 18.2	03 34.36 +04 48.2 21.0	-0.97 - 4.0	4.5/15.6	60731
2002 GJ ₁₀₃	2009 11 18.2	03 34.39 +44 27.9 18.8	-1.44 + 1.7	8.1/23.0	66131
2004 RW ₁₆₈	2009 11 18.2	03 34.41 +16 36.0 19.6	-0.92 - 5.5	1.0/17.7	65397
2009 VY ₄₂	2009 11 18.2	03 34.41 +22 25.8 19.6	-0.88 - 4.2	1.1/18.9	65986
2007 DC ₁₈	2009 11 18.2	03 34.41 +27 31.0 21.2	-1.18 - 3.1	3.5/19.7	18202
2003 SZ ₃₃₆	2009 11 18.2	03 34.42 +11 07.2 19.6	-0.97 + 2.8	2.6/17.2	65372
2007 JQ ₃₃	2009 11 18.2	03 34.44 +06 53.5 19.6	-0.85 - 0.9	3.9/16.2	66286
2007 EQ ₁₁₅	2009 11 18.2	03 34.46 +10 37.7 19.8	-0.85 - 2.7	2.9/16.7	66275
2008 HT ₂₁	2009 11 18.2	03 34.46 +03 03.8 19.6	-1.04 + 1.3	5.8/16.2	66318
2002 CA ₉₂	2009 11 18.2	03 34.47 +30 52.8 19.1	-1.08 - 2.1	4.5/20.4	66126
2009 VX ₃₀	2009 11 18.2	03 34.47 +26 10.8 20.4	-0.98 - 1.6	2.5/19.5	65977
2002 SF ₆₆	2009 11 18.2	03 34.51 +11 04.1 19.9	-1.12 - 1.5	3.6/17.0	66139
1996 TD ₁	2009 11 18.2	03 34.51 -08 33.2 20.4	-1.02 - 7.7	10.7/12.5	66058
2002 TD ₁₄₉	2009 11 18.2	03 34.52 +22 46.4 20.3	-1.14 - 5.0	1.4/19.0	66141
2003 SX ₁₁₁	2009 11 18.2	03 34.52 +32 31.1 19.4	-1.04 - 0.3	4.7/20.5	66156
2007 DX ₃₈	2009 11 18.2	03 34.52 +16 07.9 20.9	-1.06 - 3.2	1.2/17.7	66271
2004 EA ₂₅	2009 11 18.2	03 34.54 +26 59.5 20.3	-1.18 - 2.2	2.7/19.6	66169
2007 JT ₃₉	2009 11 18.2	03 34.56 +28 01.9 19.9	-1.06 - 2.4	2.8/19.9	64322
2006 BA ₈₀	2009 11 18.2	03 34.56 +23 42.8 20.0	-0.95 - 1.4	1.5/19.1	66250
2009 VB ₄₅	2009 11 18.2	03 34.58 +25 28.9 19.5	-1.22 - 1.2	2.7/19.3	65989
2006 ED ₄₃	2009 11 18.3	03 34.50 -07 30.3 20.0	-0.78 - 2.5	7.9/12.6	43265
2008 SD ₈₆	2009 11 18.3	03 34.51 +19 25.2 20.9	-0.57 - 3.4	0.0/18.3	65601
2004 BM ₁₁₃	2009 11 18.3	03 34.51 -15 45.8 21.6	-0.99 - 3.9	11.6/10.3	41138
2009 US ₁	2009 11 18.3	03 34.52 +26 24.4 18.0	-0.85 -11.6	2.7/20.3	65872
2005 TZ ₁₂₉	2009 11 18.3	03 34.52 +26 59.9 21.0	-1.20 - 0.9	2.7/19.6	66217
2004 FA ₂₇	2009 11 18.3	03 34.53 +26 22.0 20.6	-1.21 - 2.5	2.9/19.5	65385
2008 KU ₅	2009 11 18.3	03 34.53 +11 26.2 21.3	-1.03 - 4.1	2.8/16.8	66320
2006 DQ ₄₆	2009 11 18.3	03 34.54 -02 25.5 20.1	-0.77 - 5.0	6.3/13.3	47392
2007 LF ₁₅	2009 11 18.3	03 34.54 +29 13.1 21.2	-0.96 - 5.3	2.7/20.5	66287
2009 VA ₄₂	2009 11 18.3	03 34.54 +25 13.7 19.1	-0.98 - 2.5	3.4/19.4	65985
2002 VQ ₁₀₆	2009 11 18.3	03 34.56 +21 22.4 18.8	-1.08 - 6.7	0.9/18.8	66144
2007 FP ₄	2009 11 18.3	03 34.61 +18 21.2 20.0	-0.96 - 4.0	0.3/18.2	66278
2009 UE ₉₀	2009 11 18.3	03 34.61 +11 56.7 18.2	-1.12 + 3.4	3.1/17.5	65933
2000 GT ₃₅	2009 11 18.3	03 34.62 +20 34.1 20.7	-1.07 - 3.7	0.5/18.6	66092
2008 MF	2009 11 18.3	03 34.63 +08 13.1 20.7	-1.05 - 2.5	4.1/16.4	66321
2008 SW ₂₇₅	2009 11 18.3	03 34.63 +12 46.6 20.8	-0.53 - 1.8	1.2/17.0	66328
2005 SK ₂₈₆	2009 11 18.3	03 34.65 +15 47.9 21.1	-0.99 - 2.0	1.7/17.7	65451
2000 CG ₁₀₆	2009 11 18.3	03 34.65 +28 39.8 20.4	-0.61 - 2.2	1.9/20.3	66091

2003 UN ₃₀₃	2009 11 18.3	03 34.66 +32 48.9 20.5	-0.96	- 1.6	4.1/20.9	64212
2009 VQ ₅₅	2009 11 18.3	03 34.67 +22 57.0 19.5	-0.95	-10.2	1.5/19.3	65993
2003 JR ₆	2009 11 18.3	03 34.67 +15 17.7 20.0	-0.96	- 0.9	1.2/17.7	66152
2005 TB ₁₁₂	2009 11 18.3	03 34.68 +15 40.8 20.1	-1.01	- 6.0	1.4/17.6	65455
2002 RZ ₂₂₃	2009 11 18.3	03 34.71 +07 41.0 20.1	-1.17	+ 0.1	5.3/16.8	66138
2009 WW ₂₃	2009 11 18.3	03 34.74 +22 15.9 19.8	-0.97	- 1.5	1.2/18.9	66010
2007 DE ₂	2009 11 18.3	03 34.74 +12 28.5 19.8	-1.11	- 1.1	2.7/17.3	65544
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
2009 VV ₅₇	2009 11 18.3	03 34.81 +13 21.6 20.0	-0.91	+ 0.3	2.0/17.4	65994
2005 YY ₂₆	2009 11 18.3	03 34.85 +14 43.4 20.0	-0.95	- 1.6	1.7/17.6	65494
2004 TC ₂₁₁	2009 11 18.3	03 34.86 +21 11.3 20.5	-0.96	- 2.3	0.7/18.7	66186
2006 FT ₅₄	2009 11 18.3	03 34.88 +26 10.7 20.7	-0.94	- 1.2	2.1/19.6	65522
2009 UO ₇₁	2009 11 18.3	03 34.94 +26 49.4 18.8	-1.19	+ 0.8	3.6/19.5	66380
2002 GE ₁₂₇	2009 11 18.3	03 34.94 +22 55.5 20.6	-1.01	- 0.5	1.2/19.0	65325
2003 UT ₂₂₀	2009 11 18.3	03 34.97 +16 51.7 20.0	-0.81	- 5.3	0.7/17.9	66163
2004 XS ₄₀	2009 11 18.3	03 34.97 +15 41.5 18.2	-1.01	+ 1.7	1.3/17.9	66191
2009 UW ₁₇	2009 11 18.3	03 34.99 +07 13.3 19.3	-0.96	- 2.8	4.9/16.1	66375
2009 UC ₄₇	2009 11 18.4	03 34.92 +19 57.6 19.6	-0.98	- 1.3	0.3/18.5	65908
2006 BC ₁₂₇	2009 11 18.4	03 34.93 +11 28.4 20.9	-0.80	- 3.1	2.3/16.9	66251
2002 YV ₂₇	2009 11 18.4	03 35.06 +27 02.3 18.6	-1.01	- 6.9	3.7/20.2	65352
2008 SE ₉₆	2009 11 18.4	03 35.06 +18 13.4 20.6	-0.53	- 2.5	0.2/18.2	66326
2007 ED ₂₁₉	2009 11 18.4	03 35.06 +21 53.3 20.3	-1.10	- 2.7	1.0/18.9	66278
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 20.3	-1.14	- 1.0	1.3/19.0	66172
2007 ET ₈	2009 11 18.4	03 35.14 +16 49.5 19.6	-1.02	- 3.9	1.1/18.0	66273
2007 DF ₃₇	2009 11 18.4	03 35.16 +17 02.7 21.0	-1.03	- 3.8	0.8/18.0	66271
2004 ED ₉₀	2009 11 18.4	03 35.20 +07 55.5 19.7	-1.04	- 4.4	5.1/16.2	66169
2003 UB ₂₁₄	2009 11 18.4	03 35.23 +24 08.7 20.3	-0.91	- 1.6	1.7/19.3	65377
2005 SL ₁₄₀	2009 11 18.4	03 35.24 +17 35.6 20.4	-1.08	- 2.8	0.6/18.2	66212
2003 SK ₂₃	2009 11 18.4	03 35.26 +44 10.3 19.4	-1.12	- 2.2	8.0/23.8	47256
2009 UR ₂₇	2009 11 18.4	03 35.29 +11 49.0 19.0	-0.74	- 8.0	3.9/16.6	66377
2006 DF ₄₂	2009 11 18.4	03 35.29 +10 52.3 20.1	-0.90	- 2.9	3.1/16.9	66255
2008 FQ ₅₀	2009 11 18.4	03 35.30 +10 11.5 20.6	-1.09	- 3.6	3.7/16.9	65585
2009 VO ₄₃	2009 11 18.4	03 35.33 +11 47.7 19.5	-0.93	- 4.1	3.0/17.0	65987
2009 WX ₂₃	2009 11 18.4	03 35.37 +22 29.6 19.3	-0.99	+ 0.3	1.1/19.0	66011
2009 UM ₁₀₈	2009 11 18.5	03 35.31 +17 01.3 20.4	-0.94	- 5.5	1.0/18.0	65943
2006 DT ₇₅	2009 11 18.5	03 35.34 +15 34.1 19.9	-0.89	- 2.6	1.3/17.8	66256
2005 TJ ₂₉	2009 11 18.5	03 35.34 +14 43.3 20.9	-1.04	- 5.1	1.7/17.6	66216
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 35.36 +12 59.6 20.3	-0.87	- 5.5	2.1/17.2	66286
2004 JE ₂₀	2009 11 18.5	03 35.40 +22 42.9 20.3	-1.09	- 2.5	1.2/19.1	66173
2006 BX ₂₈₁	2009 11 18.5	03 35.40 +04 51.9 21.2	-0.77	- 3.0	4.1/15.6	64292
2009 UR ₁₀₂	2009 11 18.5	03 35.42 +22 25.9 18.5	-0.91	-10.2	1.5/19.3	65938
2009 WW ₅	2009 11 18.5	03 35.53 +12 15.1 20.2	-0.97	- 1.7	2.8/17.3	66008
2006 HC ₁₉	2009 11 18.5	03 35.54 +16 47.3 20.5	-0.84	- 1.6	0.7/18.1	66260
2003 ST ₃₃₄	2009 11 18.5	03 35.54 +29 32.1 20.2	-0.98	- 0.7	3.7/20.3	65372
2009 VY ₇₁	2009 11 18.5	03 35.54 +22 52.5 20.3	-0.96	- 4.7	1.3/19.3	66001
2006 XB ₇₁	2009 11 18.5	03 35.57 +08 27.7 19.4	-1.06	+ 0.3	5.5/16.9	65534

2005 SR ₁₆₂	2009 11 18.5	03 35.64 +23 55.4 18.8	-1.18	+ 0.2	2.1/19.2	66212
2009 TY ₄₁	2009 11 18.5	03 35.64 +13 18.6 19.2	-1.05	- 2.1	2.8/17.5	65871
2007 GJ ₅₆	2009 11 18.5	03 35.66 +15 02.6 20.7	-0.98	- 1.2	1.5/17.9	66282
2005 UE ₂₂₀	2009 11 18.5	03 35.70 +21 53.7 20.3	-1.02	- 5.9	1.0/19.1	65465
2005 QT ₅₀	2009 11 18.5	03 35.71 +07 09.1 21.3	-1.05	- 3.1	4.4/16.5	58506
2005 YE ₂₀₄	2009 11 18.5	03 35.75 +12 33.8 20.6	-0.94	- 2.6	2.5/17.3	65504
2003 SD ₁₈₄	2009 11 18.5	03 35.75 +22 20.5 19.8	-0.89	- 2.4	0.9/19.2	66157
2003 TG ₁₉	2009 11 18.5	03 35.75 +21 15.1 19.2	-0.85	- 6.1	0.6/19.0	65375
2008 TV ₁₂₅	2009 11 18.5	03 35.76 +21 06.5 20.5	-0.56	- 2.5	0.3/19.0	65621
2002 RL ₇₇	2009 11 18.5	03 35.76 +27 03.1 20.5	-1.22	- 4.5	3.7/20.1	65337
2009 UM ₃₉	2009 11 18.5	03 35.77 +16 40.7 19.9	-0.87	- 3.7	1.0/18.1	65903
2004 PC ₇₀	2009 11 18.5	03 35.83 +32 35.9 20.1	-1.09	- 4.3	4.4/21.4	40382
2005 YY ₂₃	2009 11 18.6	03 35.74 +14 19.6 19.9	-0.96	- 2.1	2.2/17.7	65494
2005 QX ₇₄	2009 11 18.6	03 35.77 +22 37.1 19.2	-1.09	- 9.5	1.3/19.4	66204
2007 HD ₈₉	2009 11 18.6	03 35.78 +16 15.0 19.2	-0.93	+ 0.4	1.0/18.1	65565
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 20.4	-0.86	- 3.2	1.1/18.0	66253
2007 EE ₁₄₃	2009 11 18.6	03 35.82 +22 09.5 20.2	-1.01	- 4.5	1.1/19.2	66276
2006 BP ₁₇₈	2009 11 18.6	03 35.82 +14 50.5 20.5	-0.89	- 2.6	1.5/17.8	66252
2006 BH ₈	2009 11 18.6	03 35.83 +01 30.5 22.0	-0.77	- 2.8	4.5/15.0	98091
2009 UT ₇₁	2009 11 18.6	03 35.87 +14 34.5 19.3	-0.89	- 2.8	1.7/17.7	65918
2008 SR ₂₇₅	2009 11 18.6	03 35.88 +20 11.3 19.9	-0.57	- 2.9	0.2/18.8	66328
2001 MX ₇	2009 11 18.6	03 35.89 -33 07.2 19.3	-1.49	+15.1	28.3/21.8	48036
2006 DD ₁₂₀	2009 11 18.6	03 35.90 +17 06.3 20.3	-0.85	- 1.7	0.6/18.2	65519
2009 UJ ₁₃₀	2009 11 18.6	03 35.91 +19 52.3 18.6	-1.77	+11.3	0.3/18.6	65953
2005 SU ₁₈₉	2009 11 18.6	03 35.91 +17 41.0 20.7	-1.06	- 3.7	0.7/18.3	66213
2004 HY ₂	2009 11 18.6	03 35.99 +17 52.7 20.9	-1.06	- 2.2	0.5/18.4	66172
2008 RU ₁₂₆	2009 11 18.6	03 36.00 -01 27.0 21.1	-0.53	- 4.4	4.1/13.7	58613
2007 DE ₄₈	2009 11 18.6	03 36.00 +32 35.0 20.2	-1.18	- 2.5	5.5/21.0	22877
2007 EV ₁₂₉	2009 11 18.6	03 36.04 +15 56.8 20.7	-1.08	- 4.3	1.4/18.0	66276
2003 AC ₂₇	2009 11 18.6	03 36.04 +14 47.2 18.5	-1.00	- 1.1	2.3/17.9	66147
2009 UP ₁₂₆	2009 11 18.6	03 36.08 +35 02.5 18.9	-1.35	+ 1.5	7.3/21.1	65949
2003 TU ₅₄	2009 11 18.6	03 36.09 +17 42.0 20.5	-0.86	- 1.1	0.5/18.4	66160
2009 TS ₃₅	2009 11 18.6	03 36.11 +10 56.3 19.1	-0.79	- 8.3	2.9/16.6	65863
2009 UQ ₈₂	2009 11 18.6	03 36.12 +15 35.0 20.6	-1.09	- 2.9	1.7/18.0	65924
2000 SZ ₉₈	2009 11 18.6	03 36.15 +22 18.4 19.1	-0.98	- 4.8	1.1/19.3	66096
2008 FD ₅₁	2009 11 18.6	03 36.15 +18 42.3 21.5	-1.15	- 3.3	0.2/18.6	66315
2003 SZ ₂₈₁	2009 11 18.6	03 36.17 +33 09.6 19.0	-0.98	- 1.8	4.5/21.3	66158
2003 SK ₂₈₉	2009 11 18.6	03 36.18 +27 43.1 20.1	-0.97	- 0.4	2.6/20.1	66158
2000 SP ₂₀₂	2009 11 18.6	03 36.21 +00 31.0 19.5	-0.84	- 6.6	7.7/14.3	66096
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	66275
2008 SU ₂₇₅	2009 11 18.7	03 36.18 +10 26.1 21.2	-0.54	- 2.2	1.7/16.9	65605
2005 YU ₄₁	2009 11 18.7	03 36.21 +29 10.2 19.5	-1.00	- 4.1	3.6/20.7	66240
2009 UV ₁₁₂	2009 11 18.7	03 36.22 +19 30.0 19.0	-1.05	+ 0.9	0.1/18.7	65947
2007 BF ₂₇	2009 11 18.7	03 36.24 +22 39.8 20.4	-1.15	- 3.8	1.3/19.3	65539
2005 WL ₂₇	2009 11 18.7	03 36.24 +21 52.5 19.5	-0.99	- 4.8	1.0/19.2	66232
2007 CT ₅₀	2009 11 18.7	03 36.26 +12 13.8 20.7	-1.05	- 3.4	2.6/17.4	66269
2008 KB ₁₃	2009 11 18.7	03 36.27 +16 03.3 20.1	-1.00	- 4.2	1.2/18.1	66320
2009 VY ₃₀	2009 11 18.7	03 36.32 +25 55.4 20.6	-0.87	- 4.6	2.0/20.1	65977
2005 UQ ₁₃₀	2009 11 18.7	03 36.34 +23 18.1 20.0	-1.06	- 1.5	1.8/19.4	65461

2007 DF ₄₈	2009 11 18.7	03 36.39 +47 10.3 18.6	-1.39	- 1.6	10.5/24.7	66271
2001 WL ₄₆	2009 11 18.7	03 36.42 +19 49.1 19.3	-1.28	+ 5.3	0.2/18.8	66116
2000 VU ₁₁	2009 11 18.7	03 36.45 +21 37.5 18.8	-1.11	+ 2.3	0.9/19.0	65312
2006 BO ₇₄	2009 11 18.7	03 36.46 +27 44.5 20.9	-0.92	- 2.3	2.4/20.4	66250
2003 SU ₄₃₂	2009 11 18.7	03 36.52 +32 49.0 20.0	-0.95	- 3.2	4.2/21.5	60348
2007 BV ₇₇	2009 11 18.7	03 36.53 +27 56.4 20.5	-1.18	- 4.0	3.7/20.4	65541
2008 RY ₅₀	2009 11 18.7	03 36.57 +22 02.5 19.8	-0.84	- 4.2	0.8/19.3	66323
2009 UG ₄₇	2009 11 18.7	03 36.57 +20 08.0 19.5	-1.04	- 0.7	0.4/18.9	66379
2009 UW ₃₃	2009 11 18.7	03 36.58 +18 35.9 19.2	-1.03	- 0.7	0.4/18.7	66377
2005 WM ₁₁₈	2009 11 18.7	03 36.65 +27 18.5 18.6	-1.06	- 3.6	3.3/20.3	66234
2005 WK ₁₀₁	2009 11 18.8	03 36.62 +18 31.0 19.9	-0.97	- 5.8	0.4/18.6	65481
2003 SK ₃₃₇	2009 11 18.8	03 36.63 +19 23.8 20.2	-0.92	- 0.2	0.0/18.8	65372
2009 UL ₁₀₃	2009 11 18.8	03 36.63 +21 05.7 19.2	-1.04	- 1.5	0.8/19.1	65940
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	66256
2005 YJ ₂₀₁	2009 11 18.8	03 36.71 -01 56.9 19.6	-0.93	+ 1.9	9.4/16.0	65503
2004 XX ₈₀	2009 11 18.8	03 36.72 +15 45.0 18.3	-0.90	- 0.3	1.5/18.2	66192
2003 US ₄	2009 11 18.8	03 36.73 +36 04.9 18.3	-0.97	-11.7	5.6/23.6	66160
2008 RM ₉₄	2009 11 18.8	03 36.75 +14 20.9 20.4	-0.56	- 2.3	1.0/17.8	65594
2005 XK ₁₄	2009 11 18.8	03 36.75 +11 30.3 19.4	-0.93	- 2.4	3.6/17.4	65488
2002 TH ₂	2009 11 18.8	03 36.76 +16 21.2 18.5	-1.06	- 6.1	1.4/18.2	66140
2001 VK ₂₁	2009 11 18.8	03 36.76 +22 09.3 18.8	-1.08	- 0.2	1.2/19.3	66114
2004 SP ₂₇	2009 11 18.8	03 36.76 +00 54.4 20.4	-0.88	- 5.0	6.4/14.8	21584
2005 WP ₁₈₈	2009 11 18.8	03 36.79 +33 35.1 19.3	-1.01	- 2.2	5.0/21.5	66236
2003 QL ₁₀	2009 11 18.8	03 36.83 +29 56.3 18.3	-0.91	- 9.6	3.5/21.6	66153
2009 SZ ₁₃₈	2009 11 18.8	03 36.84 +14 43.5 19.3	-0.89	- 6.4	1.8/17.8	66357
2002 ST ₇	2009 11 18.8	03 36.85 +27 57.6 19.6	-1.21	- 1.4	4.1/20.3	65339
2006 HP ₂₃	2009 11 18.8	03 36.90 +14 29.6 20.4	-0.82	- 2.8	1.5/17.9	66260
2002 AV ₄₆	2009 11 18.8	03 36.93 +24 18.6 19.8	-1.03	- 4.2	1.8/19.8	66123
2007 GO ₁₇	2009 11 18.8	03 36.93 +23 09.0 20.1	-1.05	- 3.5	1.5/19.6	66280
2005 YQ ₂₁₆	2009 11 18.8	03 36.97 +24 03.8 20.4	-1.01	- 3.3	1.8/19.8	66245
2002 TQ ₂₇₃	2009 11 18.8	03 36.99 +14 04.5 18.6	-0.99	- 9.0	2.4/17.6	66142
2004 VM ₃₂	2009 11 18.8	03 37.01 +15 25.4 19.7	-0.89	- 3.1	1.4/18.1	66189
2005 TW ₅	2009 11 18.8	03 37.03 +29 00.6 19.6	-1.12	- 4.8	3.6/20.8	66215
2004 RU ₂₁₅	2009 11 18.8	03 37.06 +38 46.3 19.5	-1.12	- 4.3	6.0/23.2	66180
1997 CU ₁₂	2009 11 18.9	03 36.99 +31 07.8 19.1	-1.20	- 0.7	5.9/20.8	66083
2005 YM ₇₅	2009 11 18.9	03 37.01 +23 39.5 20.2	-1.00	- 2.9	1.5/19.7	66241
2002 OE ₂₈	2009 11 18.9	03 37.01 +11 04.2 19.0	-1.00	- 3.3	4.3/17.4	66134
2006 DS ₆₄	2009 11 18.9	03 37.02 +36 46.2 19.3	-1.08	- 1.5	6.0/22.1	66255
2005 YJ ₂₁₈	2009 11 18.9	03 37.02 +08 14.1 20.4	-0.93	- 0.9	3.7/17.1	66245
2009 UG ₈₂	2009 11 18.9	03 37.06 +13 53.5 19.5	-0.90	- 7.1	2.2/17.7	65923
2005 UQ ₅₀₄	2009 11 18.9	03 37.06 +07 46.5 20.7	-0.80	- 2.5	3.1/16.7	65470
2003 UB ₁₀₄	2009 11 18.9	03 37.08 +44 10.8 18.3	-1.11	- 0.6	9.3/23.7	66161
2002 SS ₂₆	2009 11 18.9	03 37.09 +10 35.8 19.0	-1.00	- 6.7	4.0/17.0	66139
2005 UB ₄₅₀	2009 11 18.9	03 37.11 +15 30.1 20.8	-1.03	- 3.4	1.6/18.2	66228
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 18.7	-1.00	- 0.5	0.8/19.2	66181
2003 UJ ₂₁₄	2009 11 18.9	03 37.17 +29 54.0 20.2	-1.00	+ 0.4	3.5/20.6	65377
2003 SG ₂₂	2009 11 18.9	03 37.17 +31 07.4 19.0	-0.92	- 4.3	3.9/21.5	66155
2005 RE ₂₂	2009 11 18.9	03 37.21 +19 20.1 19.6	-1.06	- 3.6	0.0/18.9	66207
2008 SG ₂₀	2009 11 18.9	03 37.21 +07 42.4 20.4	-0.73	- 3.7	3.4/16.5	66325

2001 RU ₁₁₅	2009 11 18.9	03 37.22 +16 13.1 20.7	-1.05	- 3.0	1.1/18.4	66105
2005 SX ₂₂₁	2009 11 18.9	03 37.25 +02 14.8 18.8	-1.02	+ 2.0	8.0/16.8	66214
2007 DU ₄₄	2009 11 18.9	03 37.29 +17 24.0 20.7	-1.05	+ 0.3	0.6/18.7	65546
1998 RF ₁₃	2009 11 18.9	03 37.29 +15 24.1 20.1	-0.97	- 4.0	2.0/18.2	66085
2009 TC ₂₀	2009 11 18.9	03 37.31 +14 39.3 18.8	-0.90	- 9.8	1.7/17.8	65851
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
2005 YL ₁₉₉	2009 11 18.9	03 37.41 +23 20.6 20.2	-0.99	- 4.3	1.6/19.8	98066
2001 QX ₁₁₀	2009 11 18.9	03 37.41 +13 37.1 19.6	-0.96	- 7.4	2.5/17.7	66103
2002 RT ₂₂	2009 11 18.9	03 37.42 +28 12.4 20.6	-1.26	- 2.9	3.4/20.5	65336
2005 AS ₅₇	2009 11 18.9	03 37.42 +12 12.3 20.0	-0.95	+ 0.7	2.3/17.9	66194
2007 FM ₃₂	2009 11 18.9	03 37.43 +28 05.1 20.8	-1.06	+ 0.4	2.8/20.3	66279
2005 SD ₂₁₁	2009 11 18.9	03 37.43 +15 09.7 20.5	-1.07	- 6.0	1.8/18.1	66213
2003 HL ₂₂	2009 11 18.9	03 37.44 +28 47.5 19.7	-1.13	- 0.9	3.5/20.5	66151
2006 DV ₂₁₂	2009 11 18.9	03 37.45 +21 37.1 21.0	-0.89	- 2.1	0.7/19.4	66257
2006 BZ ₁₉₂	2009 11 19.0	03 37.45 +52 55.1 21.5	-1.18	- 2.6	7.9/26.9	09504
2004 PH ₅₆	2009 11 19.0	03 37.45 +38 00.1 18.8	-1.07	- 4.2	7.8/23.0	66175
2009 TX ₁₇	2009 11 19.0	03 37.45 -02 40.1 18.8	-0.91	+ 1.6	7.3/16.1	65850
2009 VC ₃₁	2009 11 19.0	03 37.46 +26 46.5 19.8	-1.22	+ 0.2	3.5/20.0	65977
2005 ST ₂₄₀	2009 11 19.0	03 37.46 +30 11.7 20.7	-1.17	- 2.7	4.4/21.0	66214
2007 AW ₁	2009 11 19.0	03 37.49 +23 25.2 19.3	-1.11	- 5.2	1.9/19.8	65536
2006 FM ₃₆	2009 11 19.0	03 37.51 +16 19.0 20.3	-0.84	- 2.2	0.9/18.5	66258
2005 TT ₅₇	2009 11 19.0	03 37.52 +16 02.5 20.4	-1.03	- 3.9	1.2/18.4	66216
2009 UV ₃₃	2009 11 19.0	03 37.53 +15 44.1 19.2	-0.89	- 7.5	1.7/18.2	66377
2004 VG ₁₈	2009 11 19.0	03 37.53 +18 15.4 19.0	-0.88	- 7.2	0.4/18.8	65410
2009 UT ₁₃₆	2009 11 19.0	03 37.58 +11 12.9 19.4	-0.83	- 7.0	3.1/17.2	65957
2007 BU ₁	2009 11 19.0	03 37.59 +07 15.8 20.5	-1.04	- 2.6	4.6/16.9	18187
2004 XG ₅₆	2009 11 19.0	03 37.61 +12 21.4 19.3	-0.93	+ 1.0	2.5/18.0	65414
2005 NF ₆₃	2009 11 19.0	03 37.62 +47 55.9 18.8	-1.32	-13.3	12.1/28.5	66200
2002 AO ₆₉	2009 11 19.0	03 37.65 +34 00.2 18.3	-1.03	-10.5	6.3/23.0	66123
2004 RU ₂₀₆	2009 11 19.0	03 37.65 +19 27.5 20.2	-0.96	- 6.7	0.0/19.1	66179
2005 WB ₈₇	2009 11 19.0	03 37.68 +29 45.8 19.7	-1.01	- 6.1	3.7/21.3	66233
2003 SM ₃₃₆	2009 11 19.0	03 37.70 +12 05.3 20.6	-0.86	- 0.3	2.8/17.9	65372
2005 UO ₁₃₃	2009 11 19.0	03 37.80 +29 13.0 20.1	-1.21	- 2.2	3.8/20.8	66222
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	66201
2000 RR ₁₄	2009 11 19.0	03 37.83 +41 14.0 19.6	-1.08	- 6.0	9.8/24.7	66094
2009 UH ₈₃	2009 11 19.0	03 37.85 +17 48.1 19.2	-1.15	- 0.7	0.7/18.8	65925
2004 RZ ₂₃₁	2009 11 19.0	03 37.90 +26 32.2 20.6	-1.02	- 1.6	2.5/20.3	65398
2006 BT ₁₅₁	2009 11 19.1	03 37.81 +20 06.6 20.1	-0.94	- 2.2	0.2/19.2	66251
2005 QJ ₁₀₆	2009 11 19.1	03 37.82 +19 18.3 20.2	-1.15	- 2.4	0.1/19.1	66205
2002 AO ₂₈	2009 11 19.1	03 37.85 +01 22.6 19.4	-0.98	+ 0.5	6.3/16.3	66123
2004 CW ₆	2009 11 19.1	03 37.85 +33 30.7 20.1	-1.27	- 3.5	5.7/21.7	12865
2009 VR ₅₈	2009 11 19.1	03 37.85 +19 48.5 19.9	-0.72	- 4.1	0.1/19.2	65995
2005 WX ₆₈	2009 11 19.1	03 37.86 +23 50.9 20.1	-0.99	- 7.6	1.5/20.1	65479
2008 TL ₁₂₅	2009 11 19.1	03 37.89 +22 35.8 20.6	-0.57	- 2.3	0.6/19.8	66332
2005 QO ₃₄	2009 11 19.1	03 37.90 +13 54.5 21.4	-1.09	- 3.8	2.1/18.1	66203
2005 QK ₁₃₁	2009 11 19.1	03 37.93 +27 36.2 20.4	-1.21	- 1.3	3.3/20.4	65435
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 19.1	-1.00	- 6.5	1.0/19.6	66109
2000 UA ₇₃	2009 11 19.1	03 37.96 +19 04.4 18.5	-0.90	- 9.0	0.1/19.0	66098
2004 SW ₅₆	2009 11 19.1	03 37.97 +25 43.2 19.5	-1.05	- 1.1	2.2/20.2	66182
2005 SH ₁₃₉	2009 11 19.1	03 37.97 +18 29.7 19.6	-1.05	- 2.0	0.4/19.0	66212
2005 QF ₁₃₅	2009 11 19.1	03 38.00 +29 52.3 19.9	-1.21	- 1.3	4.4/20.8	66205
2008 RV ₂₉	2009 11 19.1	03 38.01 +30 37.2 20.2	-0.84	- 1.7	2.9/21.2	66323
2002 TM ₂₄₉	2009 11 19.1	03 38.02 +12 17.7 19.7	-1.08	- 4.8	3.0/17.8	66141
2009 TD ₂₀	2009 11 19.1	03 38.05 +18 19.5 19.5	-0.88	- 3.3	0.4/18.9	65851
2005 YA ₁₀₅	2009 11 19.1	03 38.09 +07 09.0 20.1	-0.98	+ 0.2	4.7/17.4	64282
2001 VG ₁₁₅	2009 11 19.1	03 38.09 +23 41.9 18.8	-0.99	- 7.6	1.8/20.1	66115
2003 SK ₃₉₃	2009 11 19.1	03 38.11 +10 25.1 20.5	-0.83	- 1.9	2.9/17.5	65374
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	66150
2007 DR ₁	2009 11 19.1	03 38.14 +31 21.3 20.9	-1.14	- 3.7	3.9/21.4	66269
2009 UV ₈₂	2009 11 19.1	03 38.18 +16 07.1 19.4	-0.99	- 2.5	1.3/18.6	65924
2002 VM ₇₄	2009 11 19.1	03 38.20 +17 35.6 18.8	-1.20	+ 0.7	0.9/18.9	66144
2007 GY ₂₁	2009 11 19.1	03 38.21 +23 32.2 20.5	-0.98	+ 0.4	1.3/19.8	66280
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	66233
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
2009 UO ₈₈	2009 11 19.2	03 38.25 +16 26.0 18.7	-1.06	+ 1.5	1.2/18.8	65930
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
2002 NH ₁₂	2009 11 19.2	03 38.29 +24 14.5 19.8	-1.19	- 5.2	1.9/20.1	65328
2004 RD ₂₅₇	2009 11 19.2	03 38.30 +34 07.9 19.1	-1.08	- 2.8	5.9/22.0	66180
2002 BF ₃₂	2009 11 19.2	03 38.30 +20 35.5 20.1	-0.98	- 8.9	0.4/19.5	65323
2009 UZ ₈₂	2009 11 19.2	03 38.32 +15 32.6 20.0	-0.81	- 5.8	1.3/18.4	66381
2009 UB ₈₃	2009 11 19.2	03 38.33 +16 32.8 20.2	-0.84	- 2.9	1.0/18.7	65925
2002 GA ₂	2009 11 19.2	03 38.35 -12 13.2 21.1	-0.81	- 0.6	7.9/13.8	43152
2005 SH ₈₅	2009 11 19.2	03 38.37 +16 53.0 21.2	-1.07	- 4.0	1.0/18.8	65443
1995 WA ₁₄	2009 11 19.2	03 38.37 +11 37.4 19.8	-0.94	- 0.6	3.0/18.0	65297
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 38.41 -25 53.8 19.5	-1.28	+ 9.7	23.9/16.9	66194
2004 TU ₉₀	2009 11 19.2	03 38.43 +33 53.7 19.7	-1.16	+ 0.5	5.1/21.4	66184
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	66153
2005 ML ₅₂	2009 11 19.2	03 38.48 +28 27.9 19.1	-1.06	- 6.0	4.3/21.2	66199
2000 EB ₁₂₂	2009 11 19.2	03 38.50 +42 25.9 20.2	-1.09	- 0.8	6.6/23.4	45851
2005 WL ₁₈₇	2009 11 19.2	03 38.51 +24 21.9 20.3	-1.04	- 4.6	1.8/20.2	65486
2002 TW ₃₇₅	2009 11 19.2	03 38.54 +26 35.9 18.8	-1.11	- 1.8	3.6/20.5	66142
2006 HM ₁₂₉	2009 11 19.2	03 38.57 +11 48.6 19.9	-0.86	- 2.1	2.5/17.9	66260
2004 RD ₃₉	2009 11 19.2	03 38.60 +14 41.5 19.4	-0.89	- 2.9	2.1/18.4	66177
2004 GK ₄₆	2009 11 19.2	03 38.61 +17 43.4 20.8	-1.07	- 3.1	0.7/19.0	66171
2009 VE ₃₁	2009 11 19.2	03 38.62 +26 32.1 18.8	-1.13	+ 1.4	3.2/20.2	65978
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 19.6	-0.93	- 1.7	5.4/16.6	66123
2004 RE ₁₂₄	2009 11 19.2	03 38.65 +19 09.0 19.4	-1.08	+ 0.2	0.1/19.2	66178
2007 EQ ₁₆	2009 11 19.2	03 38.66 +15 33.9 21.0	-0.95	- 2.9	1.2/18.6	66273
2005 WV ₉₂	2009 11 19.2	03 38.67 +13 37.8 20.0	-1.05	+ 0.6	2.1/18.5	66234
2004 YW ₃	2009 11 19.2	03 38.70 +09 33.8 19.4	-0.83	- 1.1	3.0/17.6	66193

2007 GG ₆₁	2009 11 19.3	03 38.64 +20 22.8 20.4	-0.83	- 4.2	0.3/19.5	66282
2001 WE ₁₂	2009 11 19.3	03 38.71 +12 40.1 19.4	-0.98	- 0.1	3.3/18.3	66116
2004 TP ₇₂	2009 11 19.3	03 38.75 +19 42.0 21.0	-0.95	- 2.3	0.1/19.4	66184
2002 RJ ₂₀₇	2009 11 19.3	03 38.77 +30 10.5 19.1	-1.21	- 3.5	4.7/21.3	66138
2002 EQ ₁₄₆	2009 11 19.3	03 38.77 +17 41.6 20.0	-0.92	- 2.4	0.6/19.0	66130
2000 EB ₁₉₆	2009 11 19.3	03 38.77 +22 24.1 21.0	-1.09	- 2.9	1.0/19.8	66092
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 18.5	-0.90	-12.4	6.6/23.5	66244
2009 UE ₁₃₈	2009 11 19.3	03 38.86 +17 02.8 19.3	-0.87	- 4.1	0.9/18.9	65960
2003 HZ ₁₁	2009 11 19.3	03 38.86 +00 27.3 20.7	-0.89	- 2.0	5.6/15.9	43171
2003 UO ₁₀₁	2009 11 19.3	03 38.89 +04 51.0 19.0	-0.75	- 6.8	5.3/15.9	65376
2007 GJ ₂	2009 11 19.3	03 38.91 +10 09.7 20.3	-0.97	- 0.2	3.0/17.9	66280
2009 WX	2009 11 19.3	03 38.92 +12 10.4 19.3	-0.92	- 1.0	2.6/18.2	66007
2009 SA ₆₇	2009 11 19.3	03 38.92 +22 11.9 20.1	-1.14	- 3.5	1.2/19.8	65727
2004 RR ₁₈	2009 11 19.3	03 38.95 +27 43.1 20.1	-1.05	- 3.1	2.8/20.9	66176
2005 QV ₅₉	2009 11 19.3	03 38.99 +11 32.9 20.8	-1.05	- 3.9	2.9/17.9	66204
2004 HV ₄₂	2009 11 19.3	03 38.99 +25 57.3 20.2	-1.15	- 1.9	2.4/20.4	66172
2002 EV ₃₆	2009 11 19.3	03 39.00 +11 49.9 20.3	-0.92	- 2.7	3.0/18.0	66129
2005 SQ ₆₅	2009 11 19.3	03 39.06 +22 05.4 18.6	-1.00	- 6.1	1.2/19.9	66210
2002 CD ₆₉	2009 11 19.3	03 39.07 +05 29.1 19.5	-0.96	- 1.1	5.3/17.0	66126
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 BT ₉₈	2009 11 19.3	03 39.11 +14 34.7 20.3	-1.06	- 2.7	1.7/18.5	66167
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
2007 CN	2009 11 19.4	03 39.10 +46 43.2 20.5	-1.41	- 7.7	9.7/25.9	56088
2001 OX ₆₆	2009 11 19.4	03 39.14 +44 00.0 19.1	-1.31	- 5.4	10.0/25.3	66102
2002 EP ₁₄₀	2009 11 19.4	03 39.18 +07 51.0 20.2	-0.90	- 3.1	4.2/17.2	66130
2005 QE ₄₆	2009 11 19.4	03 39.20 +20 20.8 19.8	-1.08	- 2.1	0.4/19.6	65431
2008 HS ₃₇	2009 11 19.4	03 39.25 +20 48.8 21.7	-1.12	- 4.7	0.4/19.7	66318
2008 SD ₂₆₀	2009 11 19.4	03 39.28 +17 41.1 20.4	-0.58	- 0.9	0.4/19.1	66328
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
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 19.8	-0.99	- 7.9	3.3/17.5	66213
2007 GN ₃₆	2009 11 19.4	03 39.40 +22 22.9 20.4	-1.05	0.0	0.9/19.9	66281
2005 QN ₃	2009 11 19.4	03 39.45 +15 19.7 18.9	-0.95	- 4.1	2.1/18.7	66202
2003 JV ₁	2009 11 19.4	03 39.45 +11 56.3 20.4	-0.90	- 6.4	2.6/17.8	66152
2007 ES ₁₃₆	2009 11 19.4	03 39.46 +28 17.5 20.2	-1.17	- 2.7	3.7/21.0	66276
2007 EN ₂₁₀	2009 11 19.4	03 39.46 +23 33.9 20.1	-1.15	- 2.0	1.7/20.1	62516
2006 YP ₃₄	2009 11 19.4	03 39.48 +29 37.4 20.5	-1.19	- 3.1	3.8/21.3	65535
2009 UY ₁₀₉	2009 11 19.4	03 39.48 +19 24.1 19.8	-0.95	- 0.1	0.0/19.5	65945
2004 XK ₄₁	2009 11 19.4	03 39.53 +09 55.4 20.1	-0.88	- 0.7	3.3/17.9	65413
2005 QJ ₉₂	2009 11 19.5	03 39.49 +17 40.4 20.2	-1.08	- 3.8	0.8/19.2	66205
2009 UY ₇₂	2009 11 19.5	03 39.53 +18 13.6 19.3	-1.03	- 0.6	0.5/19.3	65920
2003 TO ₃	2009 11 19.5	03 39.56 +29 23.1 18.7	-1.10	+ 4.2	4.0/20.6	66160
2003 NT ₄	2009 11 19.5	03 39.57 -05 09.9 20.7	-0.84	- 2.7	7.3/14.9	64204
2005 MP ₅₃	2009 11 19.5	03 39.57 +12 08.9 20.9	-1.09	- 2.9	2.8/18.3	66199
1998 QB ₂₉	2009 11 19.5	03 39.58 +11 37.4 19.9	-1.04	- 6.6	3.4/17.9	66085
2006 PC ₁₅	2009 11 19.5	03 39.59 -25 55.2 20.4	-1.19	- 0.9	20.3/09.2	58531
2002 CO ₁₈	2009 11 19.5	03 39.60 +35 09.1 19.2	-1.20	+ 0.1	5.8/21.9	66126

2008 HE ₃₄	2009 11 19.5	03 39.60 +12 07.5 21.5	-1.04	- 3.5	2.6/18.2	66318
2006 AJ ₄₄	2009 11 19.5	03 39.60 +28 01.8 20.1	-1.01	- 2.6	3.1/21.1	66247
2005 UT ₅₁₀	2009 11 19.5	03 39.63 +14 46.4 20.2	-1.08	+ 1.1	1.6/18.9	66228
2005 WW ₁₁₄	2009 11 19.5	03 39.65 +26 19.4 20.4	-0.99	- 5.6	2.5/21.0	66234
2008 RC ₇₃	2009 11 19.5	03 39.67 +16 59.0 20.8	-0.85	- 3.2	0.8/19.1	66324
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 20.5	-0.84	- 2.8	0.7/19.1	66258
2004 XC ₂₀	2009 11 19.5	03 39.72 +25 08.3 19.1	-0.89	- 6.7	1.9/20.8	65412
2009 SE ₆₇	2009 11 19.5	03 39.80 +22 18.2 20.2	-0.92	- 2.1	0.9/20.1	66353
2007 JF ₁₈	2009 11 19.5	03 39.82 +01 19.4 22.3	-0.78	- 2.3	4.9/16.1	58567
2009 UQ ₁₀₈	2009 11 19.5	03 39.83 +13 58.9 19.8	-0.92	-11.3	2.3/18.1	65943
2006 TO ₁	2009 11 19.5	03 39.85 +48 29.3 20.2	-2.17	+10.6	14.5/20.4	12468
2004 PJ ₃	2009 11 19.5	03 39.85 +26 12.2 20.5	-1.09	- 3.6	2.5/20.8	65388
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	66151
2007 LN ₆	2009 11 19.5	03 39.91 +11 38.4 19.8	-0.81	- 4.7	2.3/17.9	66286
2003 SP ₃₃₀	2009 11 19.5	03 39.92 +19 22.8 20.8	-0.87	- 1.8	0.0/19.6	66159
2000 HV ₂₇	2009 11 19.5	03 39.92 +14 24.4 19.1	-1.07	-13.3	2.0/18.2	66093
2005 WW ₂₉	2009 11 19.5	03 39.93 +23 08.5 19.2	-1.02	- 4.4	1.7/20.3	66232
2002 EK	2009 11 19.5	03 39.96 -09 37.9 18.4	-1.34	+ 8.3	11.5/17.3	66129
2003 SA ₂₃₃	2009 11 19.5	03 39.96 +03 41.1 19.8	-0.79	- 3.2	5.3/16.5	66158
2009 VA ₄₁	2009 11 19.5	03 39.99 +15 23.0 19.5	-1.00	- 6.9	1.6/18.7	65984
2007 DN ₃₀	2009 11 19.6	03 39.91 +23 23.9 20.7	-1.13	- 3.0	1.7/20.3	65546
2006 HB ₂₁	2009 11 19.6	03 39.92 +16 39.7 19.8	-0.85	- 1.5	0.9/19.1	66260
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	66110
2003 EW ₆₂	2009 11 19.6	03 39.97 -00 36.8 21.1	-0.89	- 6.0	7.3/15.1	20303
2009 UK ₁₀₉	2009 11 19.6	03 39.99 +22 38.1 19.2	-1.05	- 1.0	1.4/20.1	65944
2005 YF ₃	2009 11 19.6	03 40.04 +37 28.1 17.8	-1.37	+ 3.1	7.9/22.0	66239
2007 EH ₈₀	2009 11 19.6	03 40.07 +12 55.4 20.3	-0.91	- 4.3	2.3/18.3	66275
2009 US ₈₄	2009 11 19.6	03 40.07 +20 47.8 18.3	-1.24	+ 9.4	0.6/19.7	66382
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 BV ₂₃₇	2009 11 19.6	03 40.17 +12 45.3 19.8	-0.90	- 1.5	2.3/18.5	66253
2009 UW ₈₂	2009 11 19.6	03 40.18 +16 42.4 19.8	-0.98	- 0.2	1.2/19.2	65924
2006 DN ₂₃	2009 11 19.6	03 40.21 +30 50.1 20.4	-0.97	- 1.8	3.5/21.7	66255
2003 SD ₁₄₅	2009 11 19.6	03 40.23 +21 43.6 18.4	-0.84	- 9.3	0.8/20.2	66156
2000 GX ₁₁₅	2009 11 19.6	03 40.23 +17 14.8 20.7	-1.06	- 3.1	0.8/19.3	47145
2009 VD ₃	2009 11 19.6	03 40.26 -00 19.8 19.7	-0.96	+ 0.7	7.2/16.9	65963
2004 NR ₃₀	2009 11 19.6	03 40.26 +34 09.0 20.4	-1.11	- 5.3	4.9/23.0	70370
2009 UB ₈₄	2009 11 19.6	03 40.27 +17 08.1 18.9	-1.16	- 1.4	1.3/19.3	65926
2008 TV ₄₉	2009 11 19.6	03 40.31 +22 56.1 20.2	-0.59	- 1.5	0.7/20.3	66332
2004 LR ₇	2009 11 19.6	03 40.32 +03 03.0 20.0	-1.02	+ 0.8	5.6/17.5	66173
2006 DS ₁₃₃	2009 11 19.6	03 40.35 +24 06.9 19.1	-0.96	- 1.4	1.7/20.5	66256
2006 FK ₃₉	2009 11 19.6	03 40.38 +26 40.3 20.4	-0.90	- 1.3	2.1/20.9	66258
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 21.1	-1.07	- 3.8	3.7/18.0	66316
2005 UZ ₂₂₁	2009 11 19.7	03 40.34 +22 44.3 20.8	-1.07	- 4.0	1.2/20.3	66224
1995 SW ₄₄	2009 11 19.7	03 40.36 +16 58.6 20.8	-1.03	- 4.6	1.2/19.2	65297
2009 UU ₈₄	2009 11 19.7	03 40.36 +16 42.6 19.9	-1.16	- 1.5	1.4/19.3	65926
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 AK ₅₇	2009 11 19.7	03 40.36 +27 49.6 19.8	-0.96	- 4.6	2.7/21.4	66247

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	66155
2003 SC ₇₈	2009 11 19.7	03 40.43 +36 22.2 19.2	-1.01	- 2.5	5.8/23.0	66156
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
2005 XR ₄₂	2009 11 19.7	03 40.50 +26 09.3 20.1	-0.95	- 5.9	3.1/21.2	65490
2006 DB ₁₄	2009 11 19.7	03 40.52 +29 12.0 20.6	-0.98	- 1.1	2.9/21.4	66254
2000 GO ₈₅	2009 11 19.7	03 40.53 +12 49.0 19.5	-1.04	+ 1.3	2.3/18.8	66093
2008 JL ₁₃	2009 11 19.7	03 40.57 +09 45.5 19.6	-1.10	- 2.6	4.1/18.2	66319
2005 AO ₂₄	2009 11 19.7	03 40.57 +36 01.1 21.9	-0.92	- 3.4	3.9/23.0	60821
2000 WE ₆	2009 11 19.7	03 40.59 +12 07.9 18.3	-1.25	+ 8.8	4.1/19.5	66098
2007 CX ₆₄	2009 11 19.7	03 40.61 +21 28.9 21.1	-1.10	- 2.7	0.7/20.1	66269
2005 WC ₆₂	2009 11 19.7	03 40.63 +00 40.3 19.2	-1.00	+ 1.5	8.1/17.4	66233
2002 TX ₁₂₄	2009 11 19.7	03 40.64 +21 32.0 19.4	-1.10	- 7.4	0.8/20.2	66141
2005 QN ₉₄	2009 11 19.7	03 40.70 +06 14.9 20.1	-1.03	- 2.9	5.7/17.5	66205
2009 WW	2009 11 19.7	03 40.71 +11 56.5 19.3	-0.90	- 6.3	2.8/18.1	66007
2009 WS ₇	2009 11 19.7	03 40.73 +11 56.2 19.5	-0.91	- 2.5	3.3/18.4	66008
2007 GQ ₄₈	2009 11 19.7	03 40.76 +18 17.9 18.9	-0.97	+ 0.6	0.5/19.6	66281
2003 SD ₂₄₅	2009 11 19.7	03 40.79 +30 17.8 19.7	-0.99	- 1.0	3.5/21.6	66158
2009 VL ₃₁	2009 11 19.7	03 40.79 +25 53.8 20.9	-1.01	- 2.1	2.5/20.9	65978
2007 HA ₂₄	2009 11 19.7	03 40.80 +19 55.4 20.1	-0.96	- 1.6	0.1/19.9	65562
2009 UJ ₁₀₉	2009 11 19.7	03 40.80 +21 55.1 20.4	-0.86	- 2.4	0.7/20.2	65944
2007 EU ₂₀₉	2009 11 19.7	03 40.85 +48 38.6 19.6	-1.68	+ 4.6	9.2/22.8	21878
2005 NH ₈	2009 11 19.8	03 40.76 +19 25.0 20.3	-1.11	- 4.9	0.1/19.8	66200
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	66210
2007 BW ₅₇	2009 11 19.8	03 40.81 +16 38.1 19.9	-1.08	- 3.0	1.2/19.3	66267
2005 SF ₅₃	2009 11 19.8	03 40.86 +15 22.6 19.9	-0.99	- 3.8	2.0/19.1	66209
2003 SB ₄₀₀	2009 11 19.8	03 40.87 +15 21.9 20.9	-0.96	+ 1.8	1.3/19.3	65374
2005 UN ₂₄₂	2009 11 19.8	03 40.90 +25 03.8 20.5	-1.04	- 4.0	2.2/20.9	65466
1999 TE ₁₁₄	2009 11 19.8	03 40.91 +28 59.2 19.9	-1.28	- 1.5	4.7/21.4	65303
2007 DT ₉₃	2009 11 19.8	03 40.91 +24 39.6 19.7	-1.21	- 0.9	2.4/20.6	66272
2007 GW ₁₉	2009 11 19.8	03 40.98 +14 56.6 19.3	-0.90	- 7.5	1.6/18.8	66280
2001 PV ₅₃	2009 11 19.8	03 41.01 +18 19.6 20.0	-1.14	- 1.6	0.5/19.7	66102
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 SF ₁₀₈	2009 11 19.8	03 41.03 +40 24.6 19.1	-1.13	- 0.4	6.4/23.6	66156
2005 QW ₃₆	2009 11 19.8	03 41.05 +22 48.6 20.4	-1.13	- 4.1	1.3/20.4	66203
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 20.0	-1.00	- 5.5	6.2/24.3	66154
2005 NW ₂₁	2009 11 19.8	03 41.08 +27 09.6 20.0	-1.12	- 6.5	3.3/21.5	66200
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 RH ₁₇₆	2009 11 19.8	03 41.09 +12 43.0 20.2	-0.91	- 5.9	2.3/18.4	66179
2004 TN ₁₅₄	2009 11 19.8	03 41.09 +16 13.5 20.2	-0.90	- 4.1	1.3/19.2	66185
2006 BG ₁₄₄	2009 11 19.8	03 41.12 -06 11.4 19.7	-0.86	- 4.8	8.6/13.9	47382
2009 WH ₃₆	2009 11 19.8	03 41.17 +24 01.8 20.3	-0.96	- 2.9	1.6/20.7	66013
2006 DM ₂₀	2009 11 19.8	03 41.18 +28 09.8 19.4	-1.00	- 2.1	3.3/21.4	66254
2007 GU ₅₉	2009 11 19.8	03 41.18 +27 04.8 20.5	-0.98	- 0.5	2.3/21.1	66282
2005 YW ₇₉	2009 11 19.8	03 41.19 +15 45.6 19.5	-0.97	- 1.3	1.6/19.3	65497
2001 SV ₂₄₈	2009 11 19.8	03 41.25 +24 52.6 18.7	-1.12	- 0.5	2.3/20.7	66107
2008 SM ₃₉	2009 11 19.9	03 41.15 +25 19.7 19.6	-0.62	- 0.8	1.1/21.0	65601

2005 SZ ₁₅₃	2009 11 19.9	03 41.18 +22 27.5 20.5	-1.02	- 4.1	1.3/20.4	65447
2005 OS ₉	2009 11 19.9	03 41.22 +12 35.7 19.9	-1.10	- 1.7	3.0/18.8	65426
2003 WM ₁₆	2009 11 19.9	03 41.23 +14 40.9 19.4	-0.79	- 6.0	1.7/18.8	66164
2004 RD ₉₂	2009 11 19.9	03 41.26 +04 46.2 20.8	-0.91	- 4.7	4.8/17.0	64224
1998 KK ₁₆	2009 11 19.9	03 41.26 +19 14.9 22.8	-0.90	- 1.5	0.1/19.9	32333
2000 EW ₁₇₀	2009 11 19.9	03 41.30 +16 03.8 19.9	-1.14	- 1.2	1.4/19.4	66092
2008 NV ₃	2009 11 19.9	03 41.32 -23 06.2 21.6	-0.94	+ 0.4	11.4/12.6	59134
2009 UY ₁₁₁	2009 11 19.9	03 41.32 +21 17.7 20.8	-1.06	+ 1.3	0.6/20.2	65947
2007 EL ₁₁₃	2009 11 19.9	03 41.34 +11 56.6 19.9	-1.02	- 2.2	3.1/18.7	66275
2007 MG ₉	2009 11 19.9	03 41.35 +03 49.5 19.4	-0.82	- 1.6	5.2/17.2	66287
2005 WZ ₁₆₉	2009 11 19.9	03 41.35 +19 32.0 20.3	-0.97	- 5.4	0.0/19.9	66236
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
2003 JC ₁₄	2009 11 19.9	03 41.38 +05 26.0 21.0	-0.86	- 4.6	4.1/17.1	64204
2005 SZ ₁₄₀	2009 11 19.9	03 41.40 +09 29.1 19.9	-0.99	- 4.8	4.1/18.0	66212
2005 TB ₁₂₉	2009 11 19.9	03 41.44 +18 01.9 20.7	-1.05	- 3.9	0.6/19.7	66217
2004 TW ₆₁	2009 11 19.9	03 41.46 +31 19.6 19.7	-1.13	- 0.3	3.9/21.8	66184
2009 TJ ₃₉	2009 11 19.9	03 41.47 +04 04.5 18.5	-1.42	+14.3	7.1/20.2	65867
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
2008 TE ₉₁	2009 11 19.9	03 41.48 +22 41.1 19.9	-0.61	- 1.9	0.7/20.6	65621
2005 MZ ₂	2009 11 19.9	03 41.51 +30 02.6 20.0	-1.19	- 6.6	4.1/22.2	66199
2006 AD ₈₀	2009 11 19.9	03 41.56 -07 28.0 20.8	-0.78	- 2.5	7.3/14.4	02270
2002 AY ₁₁₂	2009 11 19.9	03 41.57 +30 11.6 17.7	-0.94	- 2.6	5.4/22.0	66124
2009 UO ₁₀₃	2009 11 19.9	03 41.61 +20 12.5 19.9	-0.94	- 3.4	0.2/20.1	65940
2006 AO ₃₉	2009 11 19.9	03 41.63 +23 59.3 20.3	-0.98	- 3.3	1.7/20.8	66247
2003 SC ₁₉	2009 11 19.9	03 41.64 +20 27.2 21.1	-0.88	- 3.3	0.3/20.2	65362
2004 FT ₃	2009 11 19.9	03 41.66 -00 44.3 20.7	-1.02	- 2.5	7.4/16.5	40121
2006 PO ₂₀	2009 11 20.0	03 41.57 -30 58.8 19.3	-1.18	+ 5.6	26.1/10.7	66261
2009 WO ₇₃	2009 11 20.0	03 41.62 +26 14.5 20.2	-1.18	- 2.4	3.2/21.1	66018
2003 UE ₃₅	2009 11 20.0	03 41.64 +22 51.7 19.3	-0.86	- 5.0	1.0/20.7	59713
2003 HE ₅₅	2009 11 20.0	03 41.64 +16 00.8 21.5	-0.97	- 4.5	1.2/19.3	20780
2005 XR ₄	2009 11 20.0	03 41.66 +09 41.7 19.3	-0.98	- 0.4	3.8/18.5	66237
2006 XK ₆₉	2009 11 20.0	03 41.68 +08 59.8 19.8	-1.07	- 1.4	4.1/18.4	66265
2005 WA ₅₀	2009 11 20.0	03 41.74 +17 52.5 20.0	-1.06	- 0.1	0.7/19.8	66233
2005 UW ₂₄₉	2009 11 20.0	03 41.74 +19 49.5 20.2	-1.01	- 2.4	0.1/20.1	66224
2006 DN ₄	2009 11 20.0	03 41.77 +18 58.9 20.4	-0.79	- 2.2	0.2/19.9	66254
2003 SG ₁₇₉	2009 11 20.0	03 41.77 +02 33.8 19.6	-0.79	- 3.4	5.3/16.6	66157
2007 BT ₄₉	2009 11 20.0	03 41.79 +10 24.1 20.3	-1.03	- 2.7	3.4/18.5	66267
2009 TY ₁₇	2009 11 20.0	03 41.80 -02 41.8 18.9	-0.88	+ 1.4	7.6/16.9	65850
2002 CE ₂₇₂	2009 11 20.0	03 41.82 +19 47.4 18.9	-0.97	- 7.2	0.0/20.1	65324
2006 AQ ₃₂	2009 11 20.0	03 41.82 +16 25.2 20.9	-0.96	- 3.8	1.1/19.4	65507
2006 YN ₅₁	2009 11 20.0	03 41.82 -04 03.8 19.9	-0.92	- 2.4	8.5/15.7	66265
2009 UM ₁₁₀	2009 11 20.0	03 41.82 +20 54.4 19.8	-1.05	+ 0.5	0.5/20.2	66385
2009 UK ₈₄	2009 11 20.0	03 41.84 +15 55.3 20.3	-0.90	- 3.1	1.3/19.4	65926
2006 BD ₂₂	2009 11 20.0	03 41.85 +15 03.3 20.4	-0.83	- 2.6	1.3/19.2	66249
2000 RP ₆₄	2009 11 20.0	03 41.86 +33 21.7 19.3	-1.08	- 7.2	5.6/23.3	66095
2007 DW ₁₀₉	2009 11 20.0	03 41.88 +25 48.9 21.4	-1.04	- 2.7	2.1/21.2	65548
2007 BN ₈₁	2009 11 20.0	03 41.90 +13 19.3 21.6	-1.01	- 3.8	2.2/18.9	66268
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 54.0 20.0	-0.95	- 4.2	1.8/19.2	66280

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 19.6	-0.98	- 3.1	1.8/21.0	66182
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	66319
2004 SL ₄	2009 11 20.0	03 42.06 +21 42.8 20.1	-0.96	- 4.3	0.8/20.5	66182
2007 EL ₁₈₃	2009 11 20.0	03 42.07 +14 36.6 20.7	-0.96	- 2.5	1.8/19.2	66277
2008 QV ₂₂	2009 11 20.1	03 41.99 +22 52.6 19.2	-0.87	- 5.3	1.0/20.8	66322
2002 CB ₂₅₆	2009 11 20.1	03 41.99 +05 59.2 18.5	-0.88	- 4.2	6.1/17.4	66128
2005 LU ₄₇	2009 11 20.1	03 42.00 +19 50.6 18.9	-1.04	- 4.6	0.1/20.1	66198
2005 WP ₉₁	2009 11 20.1	03 42.03 +17 19.5 19.2	-1.05	- 1.1	0.9/19.8	66234
2001 VF ₃₈	2009 11 20.1	03 42.05 +21 39.8 18.9	-1.05	- 3.0	0.7/20.5	66114
2007 BQ ₁₆	2009 11 20.1	03 42.08 +17 47.5 20.5	-1.07	- 2.8	0.7/19.8	66266
2005 QE ₁₃₈	2009 11 20.1	03 42.11 +16 55.9 20.4	-1.09	- 3.0	1.0/19.7	66206
2002 AT ₁₇₁	2009 11 20.1	03 42.13 +13 27.6 19.0	-0.99	- 0.7	2.6/19.2	66124
2003 SK ₃₅₀	2009 11 20.1	03 42.14 +24 15.8 19.3	-0.95	0.0	1.4/20.8	65373
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	66279
2002 OR ₂₆	2009 11 20.1	03 42.19 +02 39.7 21.2	-0.75	- 4.5	4.7/16.6	41783
2001 DY ₈₀	2009 11 20.1	03 42.19 +26 01.0 19.1	-0.98	- 0.4	1.9/21.1	66101
2005 TL ₄₂	2009 11 20.1	03 42.20 +20 56.8 19.0	-1.00	- 4.7	0.6/20.4	66216
2005 QQ ₈₈	2009 11 20.1	03 42.21 +15 53.8 19.2	-1.01	- 2.1	1.8/19.5	65433
2007 GJ ₂₁	2009 11 20.1	03 42.23 +21 47.8 21.0	-1.08	- 1.2	0.8/20.5	20864
2008 OK ₁₇	2009 11 20.1	03 42.24 +11 46.3 21.5	-0.92	- 3.6	2.5/18.7	66321
2004 TO ₃₂₃	2009 11 20.1	03 42.27 +19 22.9 19.9	-0.91	- 3.3	0.1/20.1	66188
2005 YG ₁₀₉	2009 11 20.1	03 42.27 +22 33.5 20.9	-0.94	- 3.8	0.9/20.7	66242
2001 XD ₁₂₆	2009 11 20.1	03 42.27 +18 43.1 19.1	-1.01	- 3.3	0.4/20.0	66119
2007 DL ₈₄	2009 11 20.1	03 42.28 +09 00.7 20.8	-0.88	- 4.6	3.5/18.0	66271
2000 EW ₉	2009 11 20.1	03 42.28 +29 05.0 19.1	-1.10	+ 2.0	2.7/21.3	66092
2003 SQ ₈₃	2009 11 20.1	03 42.29 +21 09.5 20.4	-0.90	- 1.8	0.5/20.4	66156
2009 VK ₇₈	2009 11 20.1	03 42.31 +11 34.5 18.8	-1.09	+ 0.2	3.8/19.0	66004
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 20.6	-1.05	- 2.5	1.7/19.4	66225
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 18.4	-0.98	- 3.7	1.0/20.6	66122
2001 SE ₁₂₃	2009 11 20.1	03 42.37 +24 50.3 19.5	-1.10	- 4.9	2.2/21.2	66106
2008 SB ₁₃₇	2009 11 20.1	03 42.40 +22 09.6 20.5	-0.60	- 0.9	0.5/20.6	65602
2007 DK ₇₆	2009 11 20.1	03 42.42 +20 33.9 20.3	-1.02	- 1.7	0.3/20.3	66271
2003 UT ₁₃₃	2009 11 20.1	03 42.45 +20 52.6 18.9	-0.83	- 7.0	0.4/20.5	66162
2003 HT ₁	2009 11 20.1	03 42.45 +00 55.9 19.4	-0.87	- 5.8	6.4/16.3	66151
2001 SZ ₂₀₂	2009 11 20.1	03 42.46 +14 28.5 19.8	-1.02	- 3.5	2.0/19.3	66107
2005 YM ₁₁₅	2009 11 20.1	03 42.46 +23 47.6 19.8	-1.00	- 2.2	1.5/20.9	66242
2009 WT ₁₉	2009 11 20.1	03 42.47 +12 53.7 20.2	-0.92	- 3.0	2.6/19.0	66010
2000 SH ₇	2009 11 20.1	03 42.50 +40 06.2 19.3	-1.28	+ 2.1	9.0/23.2	66095
2008 FD ₆₆	2009 11 20.2	03 42.40 +21 47.8 18.7	-1.21	- 0.6	1.1/20.5	66315
2005 YT ₃₁	2009 11 20.2	03 42.41 +39 14.1 19.6	-1.09	- 6.3	7.6/24.8	66240
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 SR ₁₃₄	2009 11 20.2	03 42.45 +14 40.8 20.6	-1.08	- 2.8	1.9/19.4	66212
2009 VK ₃₇	2009 11 20.2	03 42.51 +23 03.7 19.1	-1.14	+ 3.6	1.3/20.6	65980
2004 YD ₁₁	2009 11 20.2	03 42.51 +21 08.1 19.7	-0.88	- 6.4	0.5/20.5	66193
2001 SD ₁₀₄	2009 11 20.2	03 42.51 +13 33.4 20.0	-1.00	- 5.1	2.3/19.0	66106
2005 OU ₁₁	2009 11 20.2	03 42.52 +24 47.7 20.8	-1.24	- 1.4	2.0/21.0	66201

2008 FR ₁₃₀	2009 11 20.2	03 42.56 +14 04.9 20.7	-1.10	- 0.6	2.1/19.4	65586
2005 UQ ₁₁₂	2009 11 20.2	03 42.58 +25 25.6 19.4	-1.15	- 0.1	2.2/21.1	66221
2000 SJ ₁₃₇	2009 11 20.2	03 42.61 +15 52.3 18.6	-0.92	- 9.5	1.5/19.3	66096
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	66140
2007 DN ₂₂	2009 11 20.2	03 42.65 +12 32.6 20.9	-1.06	- 3.9	2.8/18.9	65545
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	66099
2002 TE ₇₆	2009 11 20.2	03 42.79 +28 42.5 19.1	-1.12	- 3.3	4.5/21.9	65341
2005 WN ₆₂	2009 11 20.2	03 42.79 +15 26.2 19.1	-0.97	- 3.5	1.9/19.5	66233
2009 UL ₁₀₉	2009 11 20.2	03 42.81 +22 02.1 20.0	-0.86	- 2.7	0.8/20.7	65944
2009 SR ₉₆	2009 11 20.2	03 42.82 +21 06.6 20.0	-1.25	- 1.7	0.6/20.5	65733
2000 CS ₆₉	2009 11 20.2	03 42.83 +26 17.9 20.9	-0.59	- 2.0	1.3/21.6	65305
2001 XQ ₂₃₇	2009 11 20.2	03 42.85 +19 20.6 19.3	-1.07	+ 1.0	0.2/20.2	66120
2004 RJ ₁₈₁	2009 11 20.2	03 42.85 +24 53.4 19.3	-1.00	- 4.0	1.8/21.3	66179
2008 HF ₂₅	2009 11 20.2	03 42.87 +27 23.4 20.9	-1.24	- 2.1	3.0/21.6	66318
1995 TQ ₉	2009 11 20.2	03 42.88 +29 56.9 21.1	-1.05	- 1.4	3.3/22.0	66082
2005 SN ₂₃₁	2009 11 20.2	03 42.88 +25 56.7 20.7	-1.16	- 0.6	2.5/21.2	66214
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 42.87 +21 15.4 20.2	-1.04	- 2.6	0.8/20.6	66207
2009 VP ₂	2009 11 20.3	03 42.90 +40 26.8 18.7	-1.25	- 2.4	8.3/23.9	65963
2004 TQ ₂₁₇	2009 11 20.3	03 42.90 +24 53.7 20.1	-1.00	- 2.2	1.9/21.2	65407
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 19.4	-1.15	- 1.6	5.4/22.3	66218
2005 SD ₂₂₁	2009 11 20.3	03 43.00 +27 09.3 20.4	-1.15	- 1.5	3.1/21.5	66214
2004 RO ₃₄₆	2009 11 20.3	03 43.03 +10 48.6 19.1	-0.86	- 7.4	3.2/18.3	66181
2009 UL ₈₃	2009 11 20.3	03 43.03 +17 05.8 19.9	-0.95	- 3.9	1.1/19.9	66382
2004 JH ₁₆	2009 11 20.3	03 43.04 +15 13.0 21.2	-1.03	- 3.4	1.5/19.5	66173
2006 DY ₁₇₇	2009 11 20.3	03 43.04 +05 20.6 21.0	-0.79	- 2.8	4.5/17.7	64294
2008 GF ₁₄₂	2009 11 20.3	03 43.05 +26 54.0 19.3	-1.80	+ 9.7	3.5/20.6	65587
2008 SY ₂₆₁	2009 11 20.3	03 43.08 +16 14.2 20.2	-0.56	- 2.0	0.7/19.7	66328
1999 TN ₄	2009 11 20.3	03 43.08 +29 21.7 19.2	-1.35	- 0.3	4.4/21.8	66088
2004 EA ₆	2009 11 20.3	03 43.09 +13 44.1 20.1	-1.11	- 1.5	2.2/19.4	66168
2002 TC ₃₇₈	2009 11 20.3	03 43.13 +13 28.7 19.2	-1.12	+ 0.4	3.1/19.5	65344
2001 XD ₁₅₅	2009 11 20.3	03 43.16 +13 33.3 18.0	-0.93	- 2.3	3.0/19.3	66119
2005 QX ₁₃₁	2009 11 20.3	03 43.18 +19 07.0 19.1	-1.09	- 0.8	0.3/20.3	66205
2005 PG ₅	2009 11 20.3	03 43.18 +23 55.2 20.3	-1.15	- 4.0	1.8/21.1	65427
2005 YN ₂₆₄	2009 11 20.3	03 43.18 +29 49.3 20.5	-1.00	- 3.1	3.2/22.2	66245
2006 FG ₂₆	2009 11 20.3	03 43.21 +28 47.7 21.0	-0.93	- 1.2	2.4/21.9	65521
2009 UR ₁₃₉	2009 11 20.3	03 43.21 +06 09.3 19.1	-0.54	- 1.0	2.6/17.8	65961
2004 OQ ₁₀	2009 11 20.3	03 43.23 +15 34.0 18.9	-0.97	-12.0	1.7/19.3	66174
2009 UB ₁₁₂	2009 11 20.3	03 43.23 +20 01.4 20.2	-0.98	- 1.4	0.1/20.4	65947
2008 RC ₅₄	2009 11 20.3	03 43.24 +30 58.9 19.9	-0.93	- 3.6	3.5/22.6	66324
2009 UZ ₁₀₉	2009 11 20.3	03 43.27 +21 23.8 20.2	-0.99	- 4.5	0.6/20.7	65945
2005 XU ₅₉	2009 11 20.3	03 43.27 +20 05.6 20.0	-1.01	- 3.2	0.2/20.5	65491
2003 SC ₂₃₁	2009 11 20.3	03 43.27 +26 46.2 19.7	-0.97	- 0.7	2.2/21.5	65368
2007 BL ₁₀	2009 11 20.3	03 43.29 +24 31.3 19.8	-1.12	- 5.4	2.3/21.3	65539
2005 QU ₄₈	2009 11 20.4	03 43.24 +14 50.9 20.6	-1.10	- 2.1	2.1/19.6	65432
2008 KG ₃₇	2009 11 20.4	03 43.30 +09 39.6 19.6	-0.93	- 8.1	3.9/18.2	65590
2003 GX ₂₄	2009 11 20.4	03 43.31 +49 45.7 20.6	-2.41	+13.8	16.5/20.3	40372

2002 QK ₄₈	2009 11 20.4	03 43.32 -09 39.7 21.7	-0.75	- 1.5	6.8/14.9	21319
2004 RU ₂₆₈	2009 11 20.4	03 43.33 +21 21.7 20.8	-0.97	- 3.4	0.6/20.7	66180
2004 TB ₈₃	2009 11 20.4	03 43.35 +26 56.7 20.8	-1.00	- 1.8	2.9/21.7	65404
2001 SX ₁₉₃	2009 11 20.4	03 43.37 +15 55.6 21.1	-1.05	- 3.6	1.5/19.8	66107
2007 JZ ₂₃	2009 11 20.4	03 43.37 +17 37.6 20.2	-0.91	- 5.1	0.7/20.0	65567
2008 RD ₆₀	2009 11 20.4	03 43.39 +03 36.5 20.1	-0.78	- 4.2	5.0/17.2	66324
2007 LV ₂₀	2009 11 20.4	03 43.41 -04 32.8 20.1	-0.80	- 0.7	7.4/16.4	64323
2002 CD ₈₈	2009 11 20.4	03 43.46 +04 44.6 19.9	-0.91	- 1.7	5.0/17.9	41778
2005 YW ₃₁	2009 11 20.4	03 43.46 +02 44.9 20.1	-0.96	+ 0.3	6.6/17.9	98038
2006 AM ₄₆	2009 11 20.4	03 43.48 -01 30.9 19.8	-0.88	- 0.5	6.9/17.1	64287
2004 RX ₂₉₄	2009 11 20.4	03 43.48 +28 25.2 20.5	-1.03	- 2.5	3.2/22.0	66181
2002 NU ₅₉	2009 11 20.4	03 43.51 +30 58.8 20.1	-0.90	- 3.9	3.3/22.8	66133
2006 GL ₃₉	2009 11 20.4	03 43.52 +12 40.0 20.5	-0.85	- 0.2	1.9/19.3	66259
2009 VP ₆₈	2009 11 20.4	03 43.53 +25 26.9 19.7	-0.90	- 4.2	2.0/21.6	65999
2007 DL ₆₇	2009 11 20.4	03 43.58 +13 49.8 19.1	-0.99	- 1.6	3.0/19.5	66271
2006 BP ₁₀₂	2009 11 20.4	03 43.58 +05 43.8 20.5	-0.81	- 2.7	4.2/17.9	64289
2009 UX ₁₁₁	2009 11 20.4	03 43.58 +19 21.7 19.9	-1.00	- 5.4	0.2/20.4	65947
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	66101
2007 EY ₂₀₅	2009 11 20.4	03 43.62 +02 30.9 21.5	-0.86	- 3.6	5.0/17.2	46520
2009 SD ₆₇	2009 11 20.4	03 43.62 +21 12.5 20.0	-0.98	- 3.3	0.6/20.7	65727
2007 GL ₅₂	2009 11 20.4	03 43.63 +25 52.5 20.3	-0.97	- 0.7	1.9/21.5	65560
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
2004 RC ₃₃₆	2009 11 20.4	03 43.69 +30 04.2 20.4	-1.05	- 2.3	3.3/22.3	66181
2006 AV ₁₄	2009 11 20.4	03 43.71 +04 46.8 19.6	-0.92	- 1.2	5.7/18.0	66246
2004 RV ₇₄	2009 11 20.4	03 43.71 +34 52.3 19.6	-1.19	+ 0.6	5.7/23.0	65394
2005 AR ₅₄	2009 11 20.4	03 43.75 +25 41.1 18.3	-1.07	+ 2.8	2.3/21.2	66194
2003 SN ₁₇₉	2009 11 20.5	03 43.70 +11 19.6 19.7	-0.86	- 1.2	2.9/19.1	65367
2009 UZ ₈₃	2009 11 20.5	03 43.71 +17 50.3 19.9	-0.98	- 1.5	0.7/20.2	65925
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 18.4	-1.09	- 0.6	1.2/20.2	66146
2006 EV ₁₇	2009 11 20.5	03 43.79 +30 54.7 21.0	-0.94	- 1.6	3.1/22.5	66257
2008 GA ₇₄	2009 11 20.5	03 43.80 +13 43.0 21.0	-1.10	- 1.5	2.2/19.6	66317
2003 GH ₃₅	2009 11 20.5	03 43.85 +10 14.0 20.0	-0.90	- 4.4	3.0/18.7	66151
2005 UD ₂₆₃	2009 11 20.5	03 43.85 +20 10.6 20.6	-1.07	+ 0.1	0.2/20.6	65466
2006 DT ₄₀	2009 11 20.5	03 43.88 +16 58.5 19.9	-0.88	- 1.4	0.9/20.1	66255
2007 AF ₃₀	2009 11 20.5	03 43.89 +25 36.2 21.5	-1.11	- 4.0	2.1/21.6	41858
2002 QO ₁₀	2009 11 20.5	03 43.89 -13 01.3 22.1	-0.73	- 2.3	7.5/14.1	35816
2009 UD ₈₅	2009 11 20.5	03 43.90 +17 20.5 19.8	-1.14	- 0.6	1.2/20.2	65927
2004 HT ₃₄	2009 11 20.5	03 43.91 +15 08.6 20.7	-1.05	- 5.5	1.7/19.7	65387
2006 DJ ₄₉	2009 11 20.5	03 43.92 +30 35.6 20.0	-1.07	- 1.1	4.1/22.3	66255
2009 UA ₈₄	2009 11 20.5	03 43.93 +18 18.0 19.2	-0.93	+ 0.2	0.5/20.3	65925
2000 TC ₂₂	2009 11 20.5	03 43.93 +15 05.2 19.4	-1.00	- 2.7	1.8/19.8	65310
2009 UT ₂₆	2009 11 20.5	03 43.93 +21 59.0 19.9	-0.93	- 3.4	0.8/21.0	66011
2004 PH ₁₆	2009 11 20.5	03 43.96 +01 25.6 18.5	-0.87	- 1.3	7.8/17.6	66174
2006 DC ₅₁	2009 11 20.5	03 44.06 +04 21.3 19.9	-0.80	- 3.3	4.9/17.6	66255
2001 SC ₂₆₉	2009 11 20.5	03 44.10 +22 40.3 20.1	-1.06	- 2.4	1.3/21.1	66108
2003 SA ₂₈₀	2009 11 20.5	03 44.13 +21 20.3 19.8	-0.86	- 6.2	0.5/20.9	65370
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 20.5	-0.95	- 2.6	0.7/21.0	66283
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 20.2	-0.90	- 2.9	0.8/20.2	66091
2008 PH ₈	2009 11 20.6	03 44.08 +21 33.9 20.7	-0.87	- 3.9	0.5/21.0	66322
2000 TK ₅₂	2009 11 20.6	03 44.08 +24 21.5 19.6	-1.03	- 1.7	1.9/21.4	65311
2005 QC ₁₄₀	2009 11 20.6	03 44.09 +27 52.2 20.8	-1.19	- 2.6	3.2/22.0	65435
2001 UT ₁₀₈	2009 11 20.6	03 44.11 +18 35.5 18.3	-1.15	+ 2.4	0.5/20.5	66112
2007 HG ₁₃	2009 11 20.6	03 44.11 +11 55.1 20.2	-0.95	- 3.0	2.6/19.2	66283
2007 LP ₃₆	2009 11 20.6	03 44.14 +04 38.6 20.5	-0.80	- 2.0	4.5/17.9	66287
1998 RQ ₉	2009 11 20.6	03 44.16 +11 44.6 20.5	-1.04	- 3.6	3.5/19.2	66085
2005 RA ₅	2009 11 20.6	03 44.17 +28 52.9 19.1	-1.05	- 4.6	4.3/22.4	65437
2003 SF ₂₆₄	2009 11 20.6	03 44.18 +17 09.8 19.8	-0.87	- 2.2	0.9/20.2	66158
2002 TE ₃₈₄	2009 11 20.6	03 44.19 +14 06.4 21.0	-1.11	- 3.2	2.4/19.7	66142
2009 VY ₄₆	2009 11 20.6	03 44.23 +14 31.8 19.9	-0.97	- 3.7	2.7/19.7	65991
2004 SN ₄₅	2009 11 20.6	03 44.30 +26 11.0 19.7	-1.00	- 3.3	2.2/21.8	66182
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 18.9	-1.15	+ 1.7	1.1/21.0	66283
2002 CJ ₁₉₈	2009 11 20.6	03 44.35 +07 17.7 20.0	-0.89	- 2.4	4.0/18.5	66127
2009 VK ₅₀	2009 11 20.6	03 44.40 +13 54.0 19.3	-0.88	- 4.1	2.7/19.5	65992
2007 CC ₃₉	2009 11 20.6	03 44.40 +14 34.4 19.4	-1.05	- 3.9	2.5/19.7	66269
2002 FF ₃₂	2009 11 20.6	03 44.46 +33 59.9 19.0	-1.19	+ 0.8	5.5/22.6	66130
2005 YS ₅₂	2009 11 20.6	03 44.48 +21 33.2 19.1	-0.95	- 4.8	0.7/21.0	66241
2002 AM ₁₉₀	2009 11 20.6	03 44.51 +19 11.1 18.6	-1.01	0.0	0.3/20.6	66125
2006 BC ₂₇₆	2009 11 20.6	03 44.52 +19 29.7 20.8	-0.91	- 2.1	0.1/20.6	66253
2005 YC ₂₂₃	2009 11 20.6	03 44.54 +19 24.1 20.5	-0.97	- 2.4	0.1/20.6	66245
2009 VL ₃₇	2009 11 20.6	03 44.54 +22 01.9 19.6	-1.00	+ 1.0	0.8/21.0	65980
2004 RX ₆₂	2009 11 20.6	03 44.57 +19 23.4 18.9	-0.94	- 3.6	0.2/20.6	66177
2007 HL ₂₁	2009 11 20.6	03 44.58 +29 19.9 21.3	-1.17	+ 0.9	3.4/22.0	65562
2005 SA ₁₅₀	2009 11 20.6	03 44.59 +22 32.0 19.7	-1.13	- 0.6	1.2/21.1	65446
2004 SV ₃₅	2009 11 20.7	03 44.57 +30 55.1 20.1	-1.06	- 3.8	3.8/22.8	66182
2005 WL ₇₆	2009 11 20.7	03 44.57 +17 16.3 19.6	-1.15	+ 3.2	1.0/20.5	65479
2007 CS ₆₁	2009 11 20.7	03 44.58 +23 18.2 20.2	-1.12	- 3.3	1.3/21.3	66269
2009 VE ₄₇	2009 11 20.7	03 44.58 +14 51.4 20.6	-1.04	- 5.4	1.8/19.8	65991
2008 QG ₄₀	2009 11 20.7	03 44.58 +38 45.6 20.5	-1.03	- 1.7	5.9/24.2	47459
2007 DY ₂₄	2009 11 20.7	03 44.58 +20 45.1 21.5	-1.08	- 3.5	0.3/20.9	19702
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 19.0	-0.98	- 5.8	0.8/21.1	66128
2005 RZ ₂₀	2009 11 20.7	03 44.65 +24 00.9 19.4	-1.08	- 6.2	1.8/21.6	66207
2005 YQ ₁₆₃	2009 11 20.7	03 44.67 +13 38.4 20.3	-0.99	- 1.0	2.3/19.8	65502
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	66253
2009 UN ₈₃	2009 11 20.7	03 44.71 +16 39.7 18.7	-0.96	- 4.2	1.6/20.2	65925
2003 UV ₁₇	2009 11 20.7	03 44.72 +43 54.2 18.9	-1.41	+ 5.1	8.3/22.9	66161
2006 AP ₄₉	2009 11 20.7	03 44.73 +13 46.7 19.8	-0.97	- 1.1	2.3/19.8	66247
2007 JJ ₃₁	2009 11 20.7	03 44.77 +14 12.0 19.5	-0.93	- 9.4	2.3/19.4	66286
2006 AL ₁₀₂	2009 11 20.7	03 44.77 +04 31.6 19.8	-0.86	- 2.2	5.2/18.0	66248
2002 JK ₈₅	2009 11 20.7	03 44.80 +15 46.7 18.9	-0.86	- 6.7	1.3/19.9	66132
2003 SM ₂₄₄	2009 11 20.7	03 44.81 +02 21.1 20.0	-0.79	- 5.8	5.7/17.0	59709
2009 UB ₁₁₀	2009 11 20.7	03 44.87 +21 32.8 19.4	-1.04	- 2.7	0.8/21.1	65945

2002 RB ₂₁₉	2009 11 20.7	03 44.92 +30 09.5 19.8	-1.24	- 2.6	5.0/23.0	65338
2009 WN ₃₆	2009 11 20.7	03 44.94 +23 11.5 20.1	-1.13	- 6.0	1.6/21.5	66013
2001 VL ₅₅	2009 11 20.7	03 44.94 +24 18.4 18.7	-0.75	- 4.2	1.3/21.7	66114
2004 RW ₃₁₃	2009 11 20.7	03 45.00 +27 21.6 19.7	-1.03	- 2.2	2.7/22.1	66181
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 TH ₂₉	2009 11 20.8	03 44.92 +18 59.1 20.1	-1.07	- 4.2	0.3/20.7	66216
2002 ET ₁₁₅	2009 11 20.8	03 44.92 +19 56.5 20.3	-0.98	- 1.2	0.0/20.8	65324
2009 WN ₉₂	2009 11 20.8	03 44.95 +29 31.8 21.2	-1.02	- 3.5	3.1/22.6	66022
2009 VG ₇₂	2009 11 20.8	03 44.96 +09 37.1 19.0	-0.94	- 1.4	4.9/19.2	66001
2003 WL ₁₇₈	2009 11 20.8	03 44.97 +21 14.6 20.7	-0.88	- 1.3	0.4/21.0	66165
2003 SK ₁₇₅	2009 11 20.8	03 44.97 +31 07.6 20.5	-0.99	- 1.5	3.7/23.0	66157
2000 SL ₃₁₅	2009 11 20.8	03 45.01 +21 49.6 18.5	-0.93	-10.4	0.8/21.3	66097
2005 WT ₁₁₉	2009 11 20.8	03 45.03 +20 04.4 19.4	-1.03	- 1.1	0.1/20.9	65482
2006 AC ₁₀₅	2009 11 20.8	03 45.05 +33 44.5 20.4	-1.02	- 1.8	4.6/23.3	41840
2009 UG ₂₀	2009 11 20.8	03 45.09 +29 19.3 19.4	-0.94	-10.9	3.9/23.4	65884
2004 NV ₆	2009 11 20.8	03 45.11 +03 00.8 18.6	-0.93	- 0.7	6.3/18.4	66174
2004 TZ ₁₉	2009 11 20.8	03 45.13 +30 30.6 19.8	-1.10	- 0.5	3.5/22.5	66183
2000 SO ₁₄₃	2009 11 20.8	03 45.15 +16 51.8 19.0	-0.92	- 7.4	1.2/20.2	66096
2001 SY ₂₄₀	2009 11 20.8	03 45.15 +01 30.3 20.9	-0.96	- 5.3	7.4/17.3	40670
2009 UC ₈₄	2009 11 20.8	03 45.16 +13 35.5 20.2	-0.90	- 8.5	2.6/19.4	66382
2006 GN ₃	2009 11 20.8	03 45.16 +10 32.1 20.6	-0.92	+ 1.3	2.8/19.6	65523
2004 RD ₁₉₆	2009 11 20.8	03 45.16 +18 16.5 19.6	-0.93	- 5.9	0.6/20.5	66179
2003 CJ ₁₂	2009 11 20.8	03 45.17 +26 37.8 19.3	-1.09	- 4.4	3.0/22.1	66149
2003 SY ₃₀₀	2009 11 20.8	03 45.17 +13 48.0 19.5	-0.82	- 5.7	1.9/19.6	65371
2005 UC ₃₅₉	2009 11 20.8	03 45.19 +21 24.0 20.3	-1.08	- 4.2	0.7/21.1	65468
2007 DX ₈₂	2009 11 20.8	03 45.21 +20 20.5 21.1	-1.06	- 3.5	0.2/20.9	66271
2004 TF ₁₇₄	2009 11 20.8	03 45.25 +31 47.6 19.7	-1.09	- 1.0	4.7/23.0	65406
2004 TS ₁₃	2009 11 20.8	03 45.27 +12 56.7 19.7	-0.99	+ 1.2	2.6/20.0	65403
2003 UE ₃₄₀	2009 11 20.8	03 45.35 +19 15.8 21.0	-0.85	- 2.2	0.2/20.8	66164
2001 WA ₉₄	2009 11 20.8	03 45.36 +18 35.7 19.2	-0.77	- 1.3	0.4/20.7	65318
2005 UF ₈₇	2009 11 20.8	03 45.36 +17 22.6 20.3	-1.04	- 2.8	0.9/20.5	66221
2007 LJ ₁₆	2009 11 20.8	03 45.36 +03 31.7 20.4	-0.82	- 1.7	5.1/18.1	55330
2004 TZ ₂₀₉	2009 11 20.8	03 45.38 +27 57.4 20.4	-1.09	0.0	3.1/22.1	65407
2009 VD ₅₁	2009 11 20.8	03 45.38 +14 36.1 19.9	-1.01	- 2.3	2.0/20.0	65993
2001 YV ₉₆	2009 11 20.9	03 45.34 +08 08.0 18.7	-0.81	- 0.5	6.3/19.0	66122
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	66085
2005 XS ₂₆	2009 11 20.9	03 45.36 +32 20.0 20.4	-1.00	- 4.9	3.7/23.5	43245
2007 FB ₁₁	2009 11 20.9	03 45.36 +11 25.3 21.1	-0.88	- 5.9	2.5/19.1	66279
2005 SP ₁₇	2009 11 20.9	03 45.36 +22 23.6 20.6	-1.12	- 2.9	0.9/21.3	22794
2008 LW ₁₁	2009 11 20.9	03 45.36 +11 17.4 20.9	-1.04	- 3.8	3.2/19.4	66320
2004 VK ₂₅	2009 11 20.9	03 45.38 +24 14.9 19.4	-0.93	- 4.6	1.6/21.8	66189
2009 VG ₄₇	2009 11 20.9	03 45.39 +15 19.0 20.1	-0.98	- 2.1	2.0/20.2	65991
2008 TG ₁₀₁	2009 11 20.9	03 45.40 +29 10.8 20.5	-0.64	- 0.6	1.8/22.6	65621
2002 WH ₂	2009 11 20.9	03 45.43 +19 53.6 19.8	-0.95	- 8.7	0.0/20.9	65349
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 19.9	-1.03	- 5.5	1.5/20.3	66082
2007 EK ₄₂	2009 11 20.9	03 45.48 +30 55.2 20.4	-1.10	- 1.5	3.8/22.7	66274
2007 EU ₁₀₂	2009 11 20.9	03 45.49 +24 46.4 22.0	-1.08	- 1.4	1.7/21.7	20855
2007 GV ₃₇	2009 11 20.9	03 45.52 +19 33.1 19.5	-1.00	- 0.7	0.1/20.9	65558
1999 VN ₁₃₈	2009 11 20.9	03 45.53 +17 12.7 20.6	-1.16	- 0.7	1.3/20.6	66089

2001 UM ₁₆₀	2009 11 20.9	03 45.54 +16 21.9 18.6	-0.88 - 8.5	1.7/20.1	66113
2006 CC ₅	2009 11 20.9	03 45.55 +01 52.9 20.1	-0.83 - 1.9	5.5/17.8	66254
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 19.2	-1.06 - 2.0	0.7/21.2	66212
2003 FE ₇₉	2009 11 20.9	03 45.58 +14 23.0 20.1	-0.91 - 4.8	1.7/19.9	65356
2008 OD ₂₀	2009 11 20.9	03 45.63 +26 03.7 21.1	-0.87 - 2.4	1.7/22.1	66321
2005 SF ₁₅₈	2009 11 20.9	03 45.68 +23 04.8 20.9	-1.13 - 3.8	1.3/21.5	66212
2009 VO ₈₉	2009 11 20.9	03 45.70 +29 17.5 20.7	-1.12 - 1.3	3.5/22.5	66005
2001 FK ₁₈₄	2009 11 20.9	03 45.71 +06 36.2 21.2	-0.80 - 3.8	3.9/18.4	62314
2005 YS ₈₈	2009 11 20.9	03 45.76 +24 24.7 20.9	-0.95 - 3.7	1.5/21.8	65498
2007 BB ₁₀	2009 11 20.9	03 45.77 +27 23.3 20.4	-1.18 - 2.4	3.3/22.2	14539
2009 VV ₈₀	2009 11 20.9	03 45.81 +12 12.7 19.4	-0.90 - 5.8	3.5/19.4	66004
2008 JF ₁₇	2009 11 20.9	03 45.83 +15 14.0 20.6	-1.15 - 0.9	1.8/20.3	65589
2009 WF ₁	2009 11 20.9	03 45.91 +11 40.1 18.4	-1.67 +17.4	4.2/21.3	66007
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	66091
2002 NW ₆₂	2009 11 21.0	03 45.76 +27 12.0 19.8	-0.92 - 2.6	2.4/22.3	66133
2006 BU ₂₄₇	2009 11 21.0	03 45.77 +11 55.2 19.9	-0.86 - 2.2	2.5/19.6	66253
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
2006 BW ₁₄₃	2009 11 21.0	03 45.82 +26 40.5 20.8	-0.99 - 5.1	2.2/22.4	65514
2002 TV ₂₁₇	2009 11 21.0	03 45.84 +16 43.3 20.8	-1.13 - 2.5	1.2/20.5	66141
2009 VB ₁₀	2009 11 21.0	03 45.85 +25 06.5 18.5	-0.97 - 1.3	2.7/21.9	66390
2005 RC ₃	2009 11 21.0	03 45.90 +15 34.2 19.9	-1.10 - 1.7	1.6/20.4	66207
2005 SF ₁₈₈	2009 11 21.0	03 45.91 +16 06.6 21.0	-1.05 - 4.0	1.5/20.4	66213
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
2004 QE ₂₈	2009 11 21.0	03 45.95 +21 21.6 20.8	-0.96 - 4.3	0.5/21.3	65391
2005 WS ₁₄₃	2009 11 21.0	03 45.95 +12 15.6 19.3	-1.15 + 4.9	3.4/20.4	65482
2002 CM ₂₃₉	2009 11 21.0	03 45.95 +28 15.7 19.1	-1.05 - 2.9	3.8/22.5	66128
2005 UO ₄₈₈	2009 11 21.0	03 45.98 +23 44.9 20.1	-1.07 - 4.6	1.7/21.8	66228
2003 SC ₃₈	2009 11 21.0	03 45.98 +22 53.8 19.0	-0.88 - 6.7	1.0/21.7	65363
2007 MS ₆	2009 11 21.0	03 46.00 +02 35.8 21.2	-0.80 - 3.0	5.2/17.8	43285
2002 SA ₆₀	2009 11 21.0	03 46.00 +17 53.7 20.2	-1.21 - 1.2	0.8/20.8	66139
2004 JW ₂₅	2009 11 21.0	03 46.03 +19 29.4 19.1	-1.05 - 5.8	0.2/21.0	66173
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 BM ₉₉	2009 11 21.0	03 46.04 +08 40.6 20.2	-1.06 - 2.4	4.2/19.2	86244
2005 ME ₄₇	2009 11 21.0	03 46.05 +21 56.3 19.9	-1.10 - 7.0	0.9/21.5	65424
2009 WX ₉₁	2009 11 21.0	03 46.05 +28 31.2 20.4	-1.01 - 4.9	2.8/23.0	66022
2002 PU ₁₈₉	2009 11 21.0	03 46.05 +14 26.7 19.9	-1.13 - 2.4	2.5/20.2	66135
2002 CX ₁₇₁	2009 11 21.0	03 46.06 +41 27.3 18.9	-1.22 + 0.3	9.8/24.3	65323
2004 FR ₈₅	2009 11 21.0	03 46.08 +12 03.5 21.2	-1.10 - 2.1	2.9/19.8	66170
2005 SS ₂₃₉	2009 11 21.0	03 46.09 +20 32.2 18.4	-1.00 - 9.1	0.3/21.2	66214
2009 VK ₄₇	2009 11 21.0	03 46.09 +15 44.1 19.3	-0.95 + 0.7	1.4/20.5	65992
2004 XR ₁₂₂	2009 11 21.0	03 46.10 +28 13.5 19.6	-0.92 - 5.2	2.7/22.8	65416
2008 OX ₂₀	2009 11 21.0	03 46.11 -04 25.7 19.6	-0.81 - 4.2	8.5/15.6	66321
1998 SE ₁₅₀	2009 11 21.0	03 46.13 +20 10.5 19.7	-0.91 - 2.9	0.1/21.1	65300
2005 YT ₂₉₁	2009 11 21.0	03 46.14 +24 45.5 20.9	-0.97 - 3.5	1.7/22.0	65505
2009 UZ ₈₄	2009 11 21.0	03 46.15 +15 45.4 19.7	-0.95 - 1.5	1.5/20.4	65926
2007 JG ₄₄	2009 11 21.0	03 46.15 +12 20.8 20.1	-0.80 - 7.7	2.0/19.3	66286

2002 DD ₁₁	2009 11 21.0	03 46.16 +18 25.5 20.9	-0.98 + 0.1	0.4/20.9	66129
2009 UO ₁₁₀	2009 11 21.0	03 46.18 +21 23.0 18.8	-0.94 + 0.2	0.6/21.3	65946
2003 UX ₇	2009 11 21.0	03 46.20 +27 42.2 20.1	-0.98 - 0.4	2.4/22.3	66160
2009 UW ₂₆	2009 11 21.0	03 46.21 +15 03.9 18.7	-0.57 - 5.4	1.0/20.0	65889
2004 CS ₉₅	2009 11 21.0	03 46.25 +25 01.8 20.4	-1.17 - 2.7	1.8/21.9	66168
2006 BL ₂₆₃	2009 11 21.0	03 46.27 +43 13.1 20.3	-1.13 - 1.3	7.1/25.4	47385
2008 PU ₇	2009 11 21.1	03 46.17 +30 54.6 20.0	-0.93 - 4.7	3.4/23.4	66322
2009 UZ ₇₂	2009 11 21.1	03 46.18 +24 23.8 19.0	-1.06 + 2.6	1.7/21.6	65920
2005 NA ₆₅	2009 11 21.1	03 46.18 +07 40.5 20.9	-1.08 - 2.5	4.9/19.2	87706
2005 VV ₈₉	2009 11 21.1	03 46.19 +26 03.4 20.5	-1.02 - 8.4	2.1/22.5	65473
2004 PY ₁₀₄	2009 11 21.1	03 46.20 +34 32.6 21.2	-1.11 - 6.1	4.8/24.3	97724
2003 EA ₅₈	2009 11 21.1	03 46.26 -03 59.9 20.0	-0.90 - 1.4	7.1/17.0	66150
2002 AG ₁₅₈	2009 11 21.1	03 46.27 +04 57.8 18.8	-0.90 - 2.4	6.6/18.5	66124
2004 GA ₂₃	2009 11 21.1	03 46.27 +19 30.9 20.5	-1.08 - 2.8	0.1/21.1	66171
2003 UN ₅₂	2009 11 21.1	03 46.30 +42 59.5 19.1	-1.08 - 1.6	7.5/25.5	66161
2009 VQ ₆₁	2009 11 21.1	03 46.30 +20 31.3 20.4	-0.91 - 1.5	0.2/21.2	65996
2005 UB ₁₇₄	2009 11 21.1	03 46.31 +23 40.9 20.4	-1.01 - 5.9	1.6/21.9	65463
2008 FO ₁₂₆	2009 11 21.1	03 46.35 +05 49.6 18.7	-0.93 - 7.8	6.3/18.1	66316
2005 SR ₅₆	2009 11 21.1	03 46.36 +09 12.9 19.3	-0.86 - 4.2	5.5/19.1	66209
2009 WR ₅₃	2009 11 21.1	03 46.40 +30 11.2 18.6	-0.92 - 6.0	4.5/23.4	66017
2002 EM ₆₂	2009 11 21.1	03 46.44 +02 23.1 19.8	-0.85 - 5.0	5.7/17.5	66129
2007 FF ₄₅	2009 11 21.1	03 46.48 +26 41.0 20.8	-1.06 - 1.3	2.4/22.2	65557
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	66265
2009 VD ₆₁	2009 11 21.1	03 46.53 +21 42.9 19.7	-0.84 - 3.6	0.6/21.5	65996
2006 TU ₁₀₇	2009 11 21.1	03 46.55 +19 38.2 20.2	-0.54 - 3.5	0.0/21.1	66262
2005 YJ ₁₀₃	2009 11 21.1	03 46.55 +39 42.6 20.7	-1.11 - 7.4	6.0/25.8	56038
2005 XC ₄₃	2009 11 21.1	03 46.58 +15 56.2 20.1	-1.16 + 3.9	1.6/20.8	65490
2007 EX ₁₁	2009 11 21.1	03 46.64 +18 09.7 20.8	-1.07 - 2.4	0.6/20.9	66273
2009 VA ₆₆	2009 11 21.1	03 46.66 +23 07.4 20.6	-0.95 - 4.7	1.2/21.8	65998
2008 FR ₁₀₃	2009 11 21.1	03 46.67 +10 03.0 20.1	-1.01 - 3.0	3.7/19.6	65586
2001 SD ₃₀₇	2009 11 21.2	03 46.59 +23 49.7 19.5	-1.08 - 2.2	1.7/21.8	66108
2008 SX ₂₇₄	2009 11 21.2	03 46.64 +18 17.1 20.2	-0.57 - 1.2	0.3/20.9	66328
2718 P-L	2009 11 21.2	03 46.64 +23 46.2 19.3	-1.04 - 2.7	1.8/21.9	66428
2001 VH ₁₁₅	2009 11 21.2	03 46.65 +23 51.0 18.7	-1.01 - 7.0	1.5/22.0	66115
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 19.8	-1.04 - 3.0	0.5/21.4	66117
2004 TJ ₂₃₉	2009 11 21.2	03 46.68 +16 02.6 19.8	-0.89 - 4.7	1.3/20.5	65408
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 BC ₆₁	2009 11 21.2	03 46.69 +28 58.6 20.9	-1.20 - 4.6	4.0/22.9	65540
2007 HJ ₇	2009 11 21.2	03 46.70 +29 25.7 20.6	-1.02 + 1.1	2.4/22.6	66283
2008 SZ ₃₈	2009 11 21.2	03 46.71 +07 12.9 20.0	-0.53 - 2.7	2.4/18.6	64337
2005 SH ₁₁₅	2009 11 21.2	03 46.71 +20 10.9 21.2	-1.09 - 3.7	0.1/21.3	39769
2000 QO ₅₂	2009 11 21.2	03 46.72 +43 51.8 18.4	-1.27 - 2.5	10.5/26.4	4992
2009 UP ₁₁₀	2009 11 21.2	03 46.72 +21 01.5 19.7	-0.93 - 1.2	0.4/21.4	65946
2007 HE ₈₆	2009 11 21.2	03 46.75 +12 10.5 21.4	-0.83 - 1.8	2.2/19.9	66285
2001 UV ₂₇	2009 11 21.2	03 46.79 +27 17.2 20.1	-1.15 - 1.6	2.5/22.4	66112
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 46.84 +10 51.0 19.3	-0.95 + 2.0	3.0/20.2	66282
2000 AT ₂₅₃	2009 11 21.2	03 46.84 +09 49.9 20.1	-0.54 - 1.2	1.9/19.4	66090

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
2005 NZ ₅₉	2009 11 21.2	03 46.88 +17 24.8 21.3	-1.14 - 2.7	1.1/20.9	65425
2008 TH ₁₇₃	2009 11 21.2	03 46.88 +17 29.3 20.9	-0.54 - 1.9	0.4/20.8	66333
2005 QG ₁₈₁	2009 11 21.2	03 46.89 +16 44.9 20.1	-1.06 - 2.1	1.5/20.8	11125
2002 AT ₁₀₇	2009 11 21.2	03 46.91 +31 15.0 18.5	-1.03 - 4.4	5.1/23.5	66124
2007 CU ₄₂	2009 11 21.2	03 46.93 +31 38.8 20.8	-1.21 - 3.5	4.8/23.0	66269
2001 KA ₁₉	2009 11 21.2	03 46.96 +19 09.4 19.5	-1.09 -10.8	0.3/21.1	66102
2003 FO ₂₁	2009 11 21.2	03 46.97 +09 13.8 21.4	-0.98 + 0.2	3.3/19.8	04253
2001 SH ₁₆₂	2009 11 21.2	03 47.05 +57 46.1 19.6	-2.39 + 6.6	18.9/25.0	39152
2009 VB ₆₆	2009 11 21.2	03 47.07 +23 14.8 21.0	-1.00 - 2.5	1.1/21.9	65998
2005 NG ₁₂₃	2009 11 21.2	03 47.11 +19 52.9 20.6	-1.11 - 5.8	0.0/21.3	66201
2004 EQ ₉₈	2009 11 21.3	03 47.02 -00 41.3 18.6	-0.96 - 3.2	10.0/17.8	66170
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 QF ₁₀	2009 11 21.3	03 47.08 +21 16.3 20.4	-1.13 - 3.6	0.6/21.5	65428
2009 WC ₃₆	2009 11 21.3	03 47.11 +26 03.9 20.0	-1.10 - 2.3	2.4/22.3	66013
2007 CJ ₄₆	2009 11 21.3	03 47.12 +13 48.1 19.7	-1.05 - 1.1	2.2/20.4	65543
2003 SE ₃₂₉	2009 11 21.3	03 47.13 +34 42.8 20.4	-1.02 - 1.3	4.9/23.9	08768
2005 QE ₁₈₃	2009 11 21.3	03 47.13 +24 45.6 19.4	-1.05 - 6.1	2.2/22.3	66207
2003 SK ₂₇₄	2009 11 21.3	03 47.15 +12 18.1 20.1	-0.80 - 4.4	2.2/19.8	66158
2003 SQ ₃₂₈	2009 11 21.3	03 47.19 +08 47.7 21.7	-0.80 - 3.8	3.2/19.2	66159
2006 BS ₂₅₀	2009 11 21.3	03 47.19 -07 20.7 21.2	-0.75 - 1.9	7.0/16.2	22537
2005 TV ₅₅	2009 11 21.3	03 47.20 +21 09.2 20.2	-1.13 - 1.6	0.5/21.5	66216
2008 HC ₂₁	2009 11 21.3	03 47.20 +11 10.4 21.0	-1.10 - 2.5	3.4/19.9	66318
2004 RD ₁₇₈	2009 11 21.3	03 47.21 +17 40.3 19.0	-0.93 - 5.6	0.8/20.9	66179
2001 VQ ₁₁₁	2009 11 21.3	03 47.21 +21 09.9 19.0	-1.01 - 2.9	0.5/21.5	66115
2004 RX ₁₄₇	2009 11 21.3	03 47.23 +22 32.7 19.2	-1.02 - 1.0	1.0/21.7	65396
2005 QJ ₂₁	2009 11 21.3	03 47.24 +15 02.0 20.4	-1.11 - 2.3	2.0/20.6	65430
2008 QN ₁₆	2009 11 21.3	03 47.24 +37 25.6 20.8	-1.03 - 1.2	4.9/24.4	49036
2007 RU ₁₅₀	2009 11 21.3	03 47.27 +06 54.5 18.7	-0.58 - 0.4	2.7/19.1	65570
2009 SP ₁₄₈	2009 11 21.3	03 47.29 +13 41.2 19.4	-0.81 - 6.8	2.0/20.0	65755
2005 SN ₁₀₆	2009 11 21.3	03 47.31 +21 58.9 19.7	-1.08 - 2.7	0.9/21.7	66211
2003 SQ ₂₂₉	2009 11 21.3	03 47.32 +21 21.2 19.9	-0.91 - 0.9	0.5/21.6	66157
2009 UR ₈₅	2009 11 21.3	03 47.36 +16 49.9 19.7	-1.05 - 4.2	1.5/20.8	65927
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 20.5	-1.09 - 4.1	1.4/20.8	66200
2007 RR ₁₅₄	2009 11 21.3	03 47.39 +14 09.4 20.0	-0.56 - 1.8	1.2/20.3	66287
2009 VG ₁₇	2009 11 21.3	03 47.40 +25 23.0 19.0	-1.01 - 4.3	2.4/22.4	65968
2002 RS ₁₈₁	2009 11 21.3	03 47.44 +08 57.5 18.4	-0.97 - 5.5	5.6/19.3	66138
2001 SQ ₂₀₈	2009 11 21.3	03 47.52 +21 15.5 20.3	-1.10 - 2.5	0.5/21.6	66107
2006 AV ₇	2009 11 21.3	03 47.52 +04 41.4 19.7	-1.08 + 2.6	6.4/19.5	66246
2003 SW ₁₃₉	2009 11 21.4	03 47.42 +26 17.7 20.4	-0.93 - 2.3	2.0/22.5	65366
2005 QY ₁₇₀	2009 11 21.4	03 47.43 +20 56.3 18.8	-1.10 - 6.1	0.4/21.6	66206
2006 BX ₆₈	2009 11 21.4	03 47.43 +17 28.2 19.8	-0.99 - 1.3	1.0/21.0	66250
2005 YT ₁₂₆	2009 11 21.4	03 47.48 +26 22.7 21.1	-1.00 - 3.3	2.2/22.6	65500
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 19.5	-0.71 - 1.9	3.9/18.9	66148
2005 XN ₂₆	2009 11 21.4	03 47.55 +16 40.3 20.1	-0.97 - 2.1	1.3/20.9	66237
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 18.4	-0.99 + 3.0	2.0/20.8	66157

2005 WK ₁₆₉	2009 11 21.4	03 47.61 +17 47.1 20.4	-1.05 - 2.3	0.8/21.1	66236
2004 TU	2009 11 21.4	03 47.61 +24 12.9 19.3	-0.99 - 2.1	1.6/22.1	66183
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 19.4	-1.06 - 5.7	0.3/21.6	66208
2003 UH ₅	2009 11 21.4	03 47.66 +27 46.9 18.7	-0.87 - 6.4	2.9/23.2	66160
2008 RK ₈₂	2009 11 21.4	03 47.67 +25 17.2 20.8	-0.98 - 3.6	1.7/22.4	65594
2005 QJ ₁₇	2009 11 21.4	03 47.68 +21 44.5 19.4	-1.12 - 2.2	0.8/21.7	65429
2005 RA ₂₃	2009 11 21.4	03 47.70 -13 11.0 20.2	-0.97 - 4.8	12.5/14.8	57427
2007 FV ₄₆	2009 11 21.4	03 47.71 +25 50.7 20.1	-1.05 - 0.6	2.0/22.3	65557
2008 FE ₆₆	2009 11 21.4	03 47.75 +12 56.9 20.7	-1.07 - 5.2	2.7/20.2	66316
2007 CP ₆₄	2009 11 21.4	03 47.77 +19 02.6 21.0	-1.02 - 2.6	0.3/21.3	66269
2000 YQ ₄₂	2009 11 21.4	03 47.78 +24 57.3 18.0	-0.85 - 7.1	2.3/22.6	66100
2005 WC ₁₉₇	2009 11 21.4	03 47.79 +11 35.2 19.9	-0.98 - 3.1	3.1/20.0	66236
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	66233
2004 XA ₈₈	2009 11 21.4	03 47.81 +34 51.1 19.7	-0.98 - 6.2	4.4/24.7	65415
2005 QF ₅₇	2009 11 21.4	03 47.86 +22 48.0 20.4	-1.15 - 3.6	1.1/22.0	66204
2005 YJ ₂₅	2009 11 21.4	03 47.91 +16 15.4 19.6	-0.95 - 2.6	1.5/20.9	66240
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	66259
2008 SD ₂₁	2009 11 21.5	03 47.93 +28 53.8 21.8	-0.91 - 2.9	2.5/23.2	66326
2005 US ₂₉₄	2009 11 21.5	03 47.95 +23 32.7 20.3	-1.07 - 2.9	1.4/22.1	66225
2008 HH ₂₆	2009 11 21.5	03 48.01 +11 22.9 21.3	-1.12 - 3.2	3.3/20.1	65588
2004 XK ₁₄₅	2009 11 21.5	03 48.02 +10 29.0 19.3	-0.88 - 1.0	3.5/20.0	65417
2005 OS ₁₉	2009 11 21.5	03 48.06 +30 42.5 20.9	-1.24 - 3.8	4.0/23.4	89703
2004 RA ₆₅	2009 11 21.5	03 48.08 +29 59.4 20.0	-1.11 - 2.2	3.9/23.3	65393
2009 VH ₄₅	2009 11 21.5	03 48.08 +30 34.1 19.0	-1.22 + 0.3	5.1/23.0	65990
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	66253
2008 PG ₁₇	2009 11 21.5	03 48.13 +05 03.9 19.6	-0.80 - 1.9	4.7/19.0	66322
2007 EN ₃₈	2009 11 21.5	03 48.14 +03 24.2 22.1	-0.77 - 3.2	4.2/18.5	47422
2006 BK ₄₀	2009 11 21.5	03 48.16 +18 36.4 21.0	-0.85 - 3.4	0.4/21.3	66249
2005 QB ₅₇	2009 11 21.5	03 48.16 +28 30.3 18.9	-1.01 - 4.2	4.4/23.2	66204
2005 QY ₁	2009 11 21.5	03 48.16 +24 44.7 20.0	-1.15 - 4.6	1.8/22.4	66202
2009 WA ₉₂	2009 11 21.5	03 48.17 +28 54.0 20.9	-0.87 - 4.6	2.5/23.4	66022
2009 UA ₈₅	2009 11 21.5	03 48.20 +15 32.4 20.1	-0.86 - 2.4	1.5/20.8	65927
2005 WB ₇₆	2009 11 21.5	03 48.20 +19 57.0 18.7	-0.99 - 1.3	0.0/21.6	66233
2003 UV ₇₄	2009 11 21.5	03 48.21 +24 26.8 20.2	-0.87 - 4.3	1.3/22.5	60789
2009 US ₁₁₀	2009 11 21.5	03 48.22 +20 08.8 20.2	-0.92 - 3.3	0.1/21.6	65946
2005 SP ₇₂	2009 11 21.5	03 48.23 +15 13.2 19.2	-1.00 - 1.4	2.3/20.8	66210
2001 UP ₂₀₉	2009 11 21.5	03 48.26 +19 14.6 19.5	-0.97 - 7.2	0.3/21.4	66113
2009 UL ₂₇	2009 11 21.5	03 48.28 +13 08.3 18.6	-0.83 - 8.1	2.9/20.0	66377
2000 YY ₃₅	2009 11 21.5	03 48.29 +04 01.3 18.1	-0.94 - 0.2	6.9/19.0	66100
2003 KE ₁₁	2009 11 21.5	03 48.30 +17 00.0 19.4	-1.82 +12.9	1.6/21.6	66152
2009 VE ₄₅	2009 11 21.5	03 48.30 +27 19.3 19.2	-1.27 - 1.3	3.2/22.7	65989
2005 NL ₁₃	2009 11 21.5	03 48.35 +17 11.0 20.3	-1.12 - 4.0	1.2/21.1	66200
1997 TR ₁₉	2009 11 21.6	03 48.27 +24 16.5 20.5	-1.10 - 3.1	1.6/22.3	66084
2002 RE ₂₅₅	2009 11 21.6	03 48.31 +24 46.6 20.6	-0.86 - 2.0	1.3/22.4	66139
2004 RF ₃₅	2009 11 21.6	03 48.34 +39 59.3 19.1	-1.22 - 0.8	8.1/25.1	70404

2000 QV ₁₄₇	2009 11 21.6	03 48.34 +50 10.2 20.3	-1.44	- 2.9	9.7/28.2	17916
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 YE ₁₃	2009 11 21.6	03 48.38 +10 18.4 20.4	-0.93	- 1.2	3.5/20.1	65493
2004 XQ ₁₆₃	2009 11 21.6	03 48.38 +31 00.9 19.9	-0.91	- 3.5	3.3/23.7	66193
2005 XH ₄₁	2009 11 21.6	03 48.38 +23 01.3 21.1	-1.01	- 1.8	1.0/22.1	66238
2005 SE ₁₃₉	2009 11 21.6	03 48.40 +14 24.0 20.0	-0.96	- 3.1	2.7/20.6	65446
2001 CV ₁₄	2009 11 21.6	03 48.41 +25 10.5 19.3	-1.25	- 1.6	2.3/22.4	65314
2005 SJ ₁₉₅	2009 11 21.6	03 48.43 +20 29.6 20.7	-1.11	- 3.7	0.2/21.7	66213
2002 CV ₁₅₇	2009 11 21.6	03 48.46 -05 30.3 19.6	-0.95	- 1.3	10.3/16.9	66127
2007 EC ₉	2009 11 21.6	03 48.47 +30 55.8 21.5	-1.13	- 1.5	3.7/23.4	66273
2008 JA ₇	2009 11 21.6	03 48.49 +13 26.7 21.0	-1.09	- 4.6	2.5/20.5	66319
2004 TK ₇₆	2009 11 21.6	03 48.52 +28 22.1 19.5	-1.04	- 1.2	3.2/23.0	66184
2005 SO ₃₅	2009 11 21.6	03 48.59 +25 19.5 19.3	-1.17	+ 0.5	2.4/22.4	66209
2001 PB ₁₉	2009 11 21.6	03 48.62 +11 27.3 18.6	-1.08	+ 2.5	4.1/20.7	66102
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 BU ₆₆	2009 11 21.6	03 48.63 +24 20.5 19.0	-1.02	- 4.7	2.1/22.5	65355
2003 FS ₃₇	2009 11 21.6	03 48.63 +15 38.1 20.9	-0.96	- 4.0	1.4/20.9	20777
2007 GN ₄₇	2009 11 21.6	03 48.63 +19 51.6 22.0	-0.83	- 2.4	0.0/21.6	21879
2004 NS ₂₄	2009 11 21.6	03 48.64 +38 40.3 20.2	-1.17	- 3.5	6.3/25.4	66174
2002 TV ₂₆	2009 11 21.6	03 48.65 +17 48.4 19.0	-0.98	- 4.4	1.1/21.3	65340
2003 SB ₈₂	2009 11 21.6	03 48.67 +26 40.6 19.9	-0.94	- 1.5	2.2/22.8	66156
2003 CR ₄	2009 11 21.6	03 48.67 +13 40.9 20.2	-0.70	- 4.0	1.8/20.4	66148
2003 KQ ₆	2009 11 21.6	03 48.71 +14 41.3 20.8	-1.04	0.0	1.9/20.9	66152
2005 WU ₁₅	2009 11 21.6	03 48.71 +21 09.1 19.3	-1.06	- 4.9	0.5/21.9	66231
2001 KB ₁₉	2009 11 21.6	03 48.71 +19 09.1 19.8	-0.87	- 1.8	0.2/21.5	66102
2003 UP ₃₄₁	2009 11 21.6	03 48.73 +10 20.8 20.1	-0.84	- 6.4	3.0/19.6	65378
2003 UE ₃₄	2009 11 21.6	03 48.75 +12 01.6 19.3	-0.81	- 7.4	2.6/19.9	66161
2003 UZ ₁₅₀	2009 11 21.6	03 48.78 +37 59.7 19.4	-1.21	+ 2.6	5.3/24.0	66162
2005 WY ₃₆	2009 11 21.7	03 48.68 +17 50.1 20.3	-0.99	- 3.2	0.9/21.3	66232
2004 DT ₄₃	2009 11 21.7	03 48.69 +24 37.8 20.5	-1.19	- 2.2	1.8/22.4	95182
2002 JE ₁₁₄	2009 11 21.7	03 48.70 +22 39.0 20.9	-1.02	- 0.2	0.8/22.1	94781
2006 BO ₁₀₂	2009 11 21.7	03 48.70 +36 28.5 20.6	-1.03	- 3.9	5.5/25.0	41239
2003 AL ₅₄	2009 11 21.7	03 48.71 +06 56.0 19.5	-1.07	+ 0.2	5.3/19.9	66147
2005 YC ₂₀₂	2009 11 21.7	03 48.72 +11 48.8 20.3	-0.93	- 2.4	3.0/20.3	66245
2007 GN ₆₆	2009 11 21.7	03 48.76 +23 26.4 19.6	-0.99	+ 0.4	1.1/22.2	66282
2004 YB ₆	2009 11 21.7	03 48.84 +31 26.2 19.8	-0.92	- 4.2	3.6/24.0	86608
2000 GG ₃₄	2009 11 21.7	03 48.87 +21 33.7 21.2	-1.08	- 2.9	0.5/22.0	58401
2005 WS ₅₁	2009 11 21.7	03 48.93 +17 06.9 19.3	-1.06	+ 1.1	1.3/21.4	65478
2006 DR ₁₃₁	2009 11 21.7	03 48.95 +27 44.9 19.6	-1.01	- 0.3	2.7/22.9	65520
2001 XA ₉₅	2009 11 21.7	03 48.98 +19 09.7 18.2	-0.99	+ 1.4	0.5/21.6	66118
2003 SC ₄₃₂	2009 11 21.7	03 49.05 +16 55.0 20.9	-0.84	- 4.3	1.1/21.2	66159
2001 OX ₁₉	2009 11 21.7	03 49.08 +26 55.2 20.2	-1.17	- 1.8	2.5/23.0	66102
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 20.3	-0.86	- 2.4	1.8/20.9	66091
2004 TV ₁₉₆	2009 11 21.7	03 49.13 +16 47.6 20.2	-0.90	- 3.9	1.1/21.2	66186
2004 CA ₆	2009 11 21.7	03 49.17 +10 13.4 19.7	-1.10	- 2.7	4.0/20.2	66167
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 19.9	-0.83	- 8.0	2.3/19.9	66133
2006 DR ₁₄₄	2009 11 21.8	03 49.13 +24 29.6 21.0	-0.95	- 2.2	1.5/22.6	55218
1998 RU ₉	2009 11 21.8	03 49.14 +23 49.4 21.1	-1.14	- 3.1	1.4/22.4	66085
2005 WE ₉₉	2009 11 21.8	03 49.15 +23 25.6 19.6	-0.99	- 7.8	1.2/22.5	65481

2006 QW ₁₄₂	2009 11 21.8	03 49.17 +41 43.3 19.0	-1.46	-16.6	10.4/28.3	66262
2003 GG ₅₇	2009 11 21.8	03 49.19 +12 30.6 20.0	-0.56	- 0.4	1.4/20.5	65357
2009 UV ₁₀₂	2009 11 21.8	03 49.21 +27 12.9 19.1	-1.21	- 4.6	3.4/23.1	65938
2007 TA ₂₁₉	2009 11 21.8	03 49.22 +19 19.1 21.0	-0.54	- 2.1	0.1/21.7	66295
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 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
2009 TZ ₁₇	2009 11 21.8	03 49.34 -05 28.2 19.1	-0.90	- 1.0	11.3/17.4	66372
2006 DY ₁₅	2009 11 21.8	03 49.35 +16 38.7 19.5	-0.88	- 1.6	1.1/21.3	66254
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 20.9	-1.08	- 3.9	2.9/20.5	66205
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 FL ₅₀	2009 11 21.8	03 49.40 +07 43.8 20.9	-0.91	+ 1.5	3.4/20.2	02314
2009 VF ₄₃	2009 11 21.8	03 49.45 +15 27.6 19.1	-1.00	- 2.3	1.9/21.1	65987
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	66247
2006 DB ₂₄	2009 11 21.8	03 49.59 +04 24.2 20.9	-0.79	- 2.6	4.7/19.1	43259
2009 UE ₁₃₁	2009 11 21.8	03 49.61 +04 37.9 19.1	-1.11	+ 7.3	5.7/21.1	65954
2004 VR ₁	2009 11 21.9	03 49.55 +19 02.4 19.2	-1.05	+ 2.6	0.4/21.8	65410
2001 YA ₇	2009 11 21.9	03 49.55 +29 38.2 19.2	-1.13	- 2.4	4.2/23.6	65320
2009 UV ₈₄	2009 11 21.9	03 49.55 +15 26.4 19.2	-0.87	- 2.3	2.1/21.1	65926
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 UB ₃₈₈	2009 11 21.9	03 49.58 +16 17.0 20.3	-1.06	- 2.7	1.4/21.3	66227
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	66232
1995 VB ₄	2009 11 21.9	03 49.64 +14 00.7 19.6	-1.09	- 1.5	2.7/21.0	66082
2000 DG ₉₀	2009 11 21.9	03 49.67 +18 50.2 21.3	-1.08	- 3.5	0.4/21.7	66091
2006 CG ₅₁	2009 11 21.9	03 49.69 +22 47.1 20.2	-0.96	- 3.2	1.0/22.4	66254
2005 YG ₉₀	2009 11 21.9	03 49.70 +24 50.9 20.3	-0.97	- 4.4	1.7/22.8	65498
2007 FT ₂	2009 11 21.9	03 49.72 +09 47.8 20.1	-1.06	- 0.1	3.7/20.5	66278
2007 CW ₄₄	2009 11 21.9	03 49.75 +19 43.3 20.6	-1.03	- 3.7	0.1/21.9	66269
2002 GS ₇₈	2009 11 21.9	03 49.75 -00 04.1 21.0	-0.85	- 2.4	6.0/18.3	43153
2005 YS ₁₈₈	2009 11 21.9	03 49.78 +24 48.3 19.9	-0.98	- 3.4	1.8/22.8	66244
2008 JY ₂₀	2009 11 21.9	03 49.79 +14 18.1 20.5	-1.06	- 1.8	2.0/21.1	66319
2006 DK ₇	2009 11 21.9	03 49.80 +18 47.8 21.7	-0.84	- 2.7	0.4/21.7	66254
2001 KF ₇₄	2009 11 21.9	03 49.81 +08 20.3 20.6	-0.81	- 1.1	3.1/20.0	21304
2005 WN ₁₅₆	2009 11 21.9	03 49.83 +08 24.6 17.9	-0.91	- 5.5	5.6/19.5	66235
2005 YC ₂₂	2009 11 21.9	03 49.85 +28 54.5 20.0	-0.99	- 5.1	4.0/23.8	65493
2003 UJ ₃₇	2009 11 21.9	03 49.85 +19 26.2 17.9	-0.83	-10.1	0.2/21.8	66161
2000 SC ₂₆₈	2009 11 21.9	03 49.86 +03 49.9 19.4	-0.89	- 6.3	5.9/18.6	66097
2005 UU ₃₁₈	2009 11 21.9	03 49.88 +22 13.5 20.5	-1.06	- 3.3	0.7/22.3	66226
2001 QB ₁₅₂	2009 11 21.9	03 49.93 +32 33.3 17.7	-1.34	-24.0	6.0/26.0	66103
2008 GZ ₃₇	2009 11 21.9	03 49.93 +20 01.5 20.4	-1.14	- 2.3	0.0/22.0	66317
2005 TW ₉₁	2009 11 21.9	03 49.97 +22 29.1 20.1	-1.09	- 5.6	1.1/23.0	65454
2009 VV ₃₈	2009 11 21.9	03 50.02 +24 21.8 19.6	-1.06	- 3.5	1.7/23.0	65981
2009 WJ ₂₆	2009 11 21.9	03 50.03 +30 05.4 19.9	-1.07	+ 0.3	3.5/23.4	66011
2001 SS ₄₈	2009 11 21.9	03 50.03 +54 03.0 19.9	-2.31	+ 7.4	17.4/25.0	39152
2005 SK ₁₅₀	2009 11 22.0	03 49.98 +13 30.4 21.4	-1.02	- 3.8	2.3/20.9	66212
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 19.0	-0.89	- 0.4	0.7/21.7	66163
2007 ED ₄₉	2009 11 22.0	03 49.99 +25 13.1 20.3	-1.05	- 1.6	1.8/22.8	66274

2007 CY ₈	2009 11 22.0	03 50.02 +25 37.1 20.9	-1.09	- 4.0	1.9/23.0	66268
2006 DO ₉₅	2009 11 22.0	03 50.04 +05 06.0 19.3	-0.79	- 4.7	5.4/19.0	66256
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
2004 FL ₅₀	2009 11 22.0	03 50.09 +22 36.3 20.8	-1.13	- 3.9	0.9/22.5	65386
2005 UH ₁₁₄	2009 11 22.0	03 50.09 +21 49.5 19.8	-1.02	- 3.1	0.8/22.3	65461
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 20.2	-1.09	- 2.3	1.8/21.4	66103
2003 GX ₃₁	2009 11 22.0	03 50.17 +22 47.5 20.4	-0.66	- 0.8	0.5/22.5	66151
2005 UN ₁₂₈	2009 11 22.0	03 50.23 +18 18.8 20.6	-1.00	- 6.0	0.7/21.7	66221
2002 GK ₁₈₀	2009 11 22.0	03 50.25 +19 30.7 20.2	-0.95	- 5.1	0.2/21.9	66132
2009 WO ₁₉	2009 11 22.0	03 50.25 +12 58.1 19.7	-0.96	- 0.3	2.3/21.0	66010
2009 WY ₅₀	2009 11 22.0	03 50.29 +22 33.9 21.2	-1.04	- 2.2	1.0/22.5	66016
2005 WR ₆₉	2009 11 22.0	03 50.29 +17 40.8 18.9	-0.99	- 2.8	1.0/21.7	66233
2007 EG ₅₄	2009 11 22.0	03 50.30 +23 31.2 20.5	-1.03	- 1.0	1.2/22.6	66274
2008 KJ ₃₀	2009 11 22.0	03 50.35 -03 39.0 19.6	-0.88	- 4.4	9.8/17.6	66320
2009 VT ₄₁	2009 11 22.0	03 50.39 +15 17.5 19.7	-1.00	- 1.7	1.9/21.3	65985
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 20.7	-0.96	- 1.8	2.4/20.9	66285
2002 LM ₆₃	2009 11 22.0	03 50.47 +26 04.4 20.2	-1.23	- 5.8	2.6/23.2	65328
2003 SL ₂₄₅	2009 11 22.1	03 50.40 +21 01.5 20.3	-0.89	- 2.8	0.3/22.3	65369
2005 TW ₉₈	2009 11 22.1	03 50.43 +32 55.1 20.7	-1.23	- 4.0	4.7/24.5	41206
2002 CM ₁₅₇	2009 11 22.1	03 50.47 +12 15.7 20.3	-0.98	- 2.0	2.7/20.8	66127
2004 SR ₃₀	2009 11 22.1	03 50.47 +29 29.4 19.9	-1.09	- 1.6	3.3/23.7	65402
2005 MW ₄₂	2009 11 22.1	03 50.48 +14 41.5 19.5	-1.10	- 2.6	2.4/21.3	66199
2009 UF ₁₁₀	2009 11 22.1	03 50.50 +23 48.0 19.3	-0.98	+ 0.8	1.9/23.0	65945
2003 TN ₃₉	2009 11 22.1	03 50.52 +19 18.5 20.2	-0.83	- 4.9	0.2/22.0	66160
2007 JB ₁₅	2009 11 22.1	03 50.52 +19 17.2 19.8	-0.93	- 4.1	0.3/22.0	66285
2005 XB ₂₀	2009 11 22.1	03 50.53 +33 20.3 18.9	-1.07	- 8.4	5.1/25.2	66237
2006 BN ₈₈	2009 11 22.1	03 50.54 +09 32.6 20.0	-0.89	- 1.7	3.8/20.5	66250
2008 QP ₁₈	2009 11 22.1	03 50.56 +04 53.8 20.2	-0.79	- 5.1	4.5/19.0	64336
1998 RX ₁₀	2009 11 22.1	03 50.57 +21 54.9 20.4	-0.91	- 2.4	0.6/22.4	66085
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	66277
2005 AX ₁₃	2009 11 22.1	03 50.65 -18 05.2 19.3	-0.95	+ 4.3	12.9/17.3	65419
2001 WA ₄₉	2009 11 22.1	03 50.65 +15 45.2 19.5	-0.98	- 4.2	1.9/21.4	66116
2004 NV ₁₆	2009 11 22.1	03 50.66 +14 47.1 20.8	-0.99	- 3.4	1.9/21.3	66174
2009 UW ₁₃₄	2009 11 22.1	03 50.70 +21 02.4 20.4	-0.88	- 1.6	0.3/22.3	65956
2007 ED ₉₄	2009 11 22.1	03 50.71 -02 50.2 19.1	-0.89	- 3.9	9.3/17.9	66275
2009 VJ ₇₆	2009 11 22.1	03 50.71 +11 38.7 19.4	-0.95	- 0.2	3.7/21.0	66003
2004 CQ ₁₀₇	2009 11 22.1	03 50.73 +16 15.9 20.8	-1.10	- 3.7	1.5/21.5	66168
2004 BC ₉₈	2009 11 22.1	03 50.73 +31 25.5 20.8	-1.22	- 3.1	4.4/24.1	66167
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 20.1	-0.57	- 1.8	0.1/22.3	66332
2001 WQ ₂	2009 11 22.1	03 50.80 +12 36.6 18.7	-1.18	-19.7	3.6/20.0	66115
2002 TX ₆₃	2009 11 22.1	03 50.82 +30 16.5 19.7	-1.24	- 3.4	4.7/24.0	66140
2001 SG ₂₅₂	2009 11 22.1	03 50.84 -06 19.8 19.6	-1.13	-11.7	12.0/15.6	64164
2002 WL ₂₆	2009 11 22.1	03 50.88 +13 23.9 20.5	-1.05	- 2.9	3.0/21.1	66145
2004 RC ₁₄₁	2009 11 22.1	03 50.88 +24 52.1 19.3	-1.08	- 0.3	1.8/23.0	66178
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
2001 UD ₁₀₀	2009 11 22.2	03 50.89 +21 23.1 19.2	-1.06	- 1.2	0.6/22.4	66112
2009 UH ₁₁₀	2009 11 22.2	03 50.90 +21 15.5 19.1	-1.04	- 4.3	0.6/22.4	65945
2009 UT ₃₉	2009 11 22.2	03 50.91 +21 18.5 18.8	-1.04	+ 0.6	0.6/22.4	66378
2001 VL ₁₀₀	2009 11 22.2	03 50.93 +06 56.0 18.9	-0.90	- 5.9	5.8/19.5	66115
2009 UP ₈₄	2009 11 22.2	03 50.95 +16 34.1 20.2	-0.56	- 1.1	0.7/21.6	65926
2009 SU ₁₃₈	2009 11 22.2	03 50.96 +15 29.4 18.7	-0.71	- 6.1	2.7/21.2	66357
2009 WN ₁₉	2009 11 22.2	03 50.96 +12 40.8 20.5	-1.07	- 4.5	3.3/20.9	66010
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	66116
2002 AC ₃₇	2009 11 22.2	03 51.02 +10 32.3 18.6	-1.02	- 1.8	4.1/20.7	66123
2007 DQ ₁₁	2009 11 22.2	03 51.04 +03 55.8 19.7	-1.03	- 3.4	7.6/19.3	66270
2009 VO ₅₈	2009 11 22.2	03 51.05 +13 36.6 19.6	-1.10	- 3.2	2.9/21.2	65995
2003 TB ₁₅	2009 11 22.2	03 51.06 +28 12.6 18.9	-1.00	+ 0.1	2.8/23.4	66160
2005 SH ₂₂₄	2009 11 22.2	03 51.06 +16 25.4 20.6	-1.06	- 4.0	1.5/21.6	66214
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 NA	2009 11 22.2	03 51.08 +22 25.5 19.4	-1.14	- 3.9	1.0/23.0	66199
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	66332
2007 BS ₇₅	2009 11 22.2	03 51.14 +30 37.8 20.5	-1.17	- 3.2	3.9/24.1	66268
2001 XN ₃₇	2009 11 22.2	03 51.16 +36 21.0 18.8	-1.14	- 6.6	6.6/25.6	66117
2009 UA ₇₃	2009 11 22.2	03 51.17 +12 26.0 18.7	-0.78	- 6.4	3.9/20.6	66381
2002 YM ₁₇	2009 11 22.2	03 51.19 +22 42.2 19.2	-1.08	- 5.8	1.0/22.8	66146
2002 EQ ₈₅	2009 11 22.2	03 51.19 +36 37.3 19.5	-1.19	+ 0.3	6.0/24.6	66130
2009 QR ₉	2009 11 22.2	03 51.25 +02 20.0 17.4	-0.77	- 0.1	10.0/19.9	66342
2009 UJ ₁₀₅	2009 11 22.2	03 51.25 +15 32.2 19.3	-0.85	- 8.7	1.8/21.2	65940
2008 JV ₁₃	2009 11 22.2	03 51.26 +13 21.8 20.5	-1.09	- 2.0	2.5/21.3	66319
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 18.8	-0.91	- 3.1	2.7/21.3	66244
2007 CF ₁₇	2009 11 22.3	03 51.22 +24 09.8 19.6	-1.15	- 2.1	1.9/22.9	66268
2005 UD ₄₅₂	2009 11 22.3	03 51.26 +28 39.6 19.3	-1.01	- 6.1	3.0/24.0	66228
2005 XJ ₂₀	2009 11 22.3	03 51.29 +27 40.4 19.0	-0.96	- 3.0	3.8/23.7	66237
2005 UZ ₂₃₁	2009 11 22.3	03 51.31 +16 54.8 20.4	-0.99	- 4.9	1.1/21.7	66224
2005 WN ₁₈₆	2009 11 22.3	03 51.31 +23 11.3 19.8	-0.98	- 4.0	1.2/22.9	65486
2007 HD ₂₈	2009 11 22.3	03 51.32 +14 25.3 20.0	-0.82	- 6.4	1.7/21.1	66283
2007 DW ₅₂	2009 11 22.3	03 51.32 +22 10.8 19.7	-1.12	- 4.3	0.9/22.7	65547
2005 US ₁₃₂	2009 11 22.3	03 51.35 -05 00.9 19.1	-0.85	- 3.7	11.4/17.2	66222
2003 UJ ₆	2009 11 22.3	03 51.41 +33 06.6 18.9	-0.95	- 9.7	4.4/25.5	65376
2004 XC ₂₃	2009 11 22.3	03 51.42 +13 57.6 18.2	-0.88	- 0.6	2.7/21.4	66191
2002 SH ₅₂	2009 11 22.3	03 51.45 +06 17.7 18.9	-1.10	+ 0.6	6.4/20.7	66139
2009 VV ₃₇	2009 11 22.3	03 51.47 +24 49.0 19.1	-0.98	+ 2.5	2.2/22.9	65980
2005 YM ₁₄₈	2009 11 22.3	03 51.47 +29 04.9 20.0	-1.02	- 2.9	3.1/23.9	66243
2006 FD ₃₅	2009 11 22.3	03 51.47 +25 28.8 20.2	-0.89	- 1.2	1.4/23.2	66258
2001 YZ ₄	2009 11 22.3	03 51.50 +44 43.3 19.8	-1.39	+ 1.3	8.8/25.6	97534
2000 GX ₁₁₈	2009 11 22.3	03 51.56 +13 37.5 20.2	-1.04	- 5.8	3.1/21.1	66093
2002 RL ₂₃₇	2009 11 22.3	03 51.57 +23 05.0 21.2	-1.21	- 2.5	1.2/23.0	58437
2004 NP ₁	2009 11 22.3	03 51.65 +24 40.9 20.5	-1.04	- 4.6	1.6/23.2	65387
2002 CP ₁₂₄	2009 11 22.3	03 51.66 +16 39.0 19.3	-0.97	- 4.4	1.4/21.7	66127
2005 QT ₃₄	2009 11 22.3	03 51.70 +20 31.7 20.4	-1.13	- 3.0	10.7/13.0	66203
2003 SV ₄₀₀	2009 11 22.4	03 51.63 +02 05.8 20.2	-0.81	- 0.7	6.0/19.6	41798
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	66254
2009 VO ₆₆	2009 11 22.4	03 51.65 +22 38.2 19.6	-1.11	- 5.7	1.1/23.0	65998
2009 WJ	2009 11 22.4	03 51.67 +21 46.4 19.5	-1.08	- 7.2	0.7/23.0	66006
2002 QR ₁₁₈	2009 11 22.4	03 51.72 +11 28.3 19.3	-1.04	+ 0.4	4.6/21.3	66136
2006 EX ₂₀	2009 11 22.4	03 51.75 +30 14.1 21.0	-0.99	- 2.2	3.1/24.1	66257
2002 TC ₃₀₇	2009 11 22.4	03 51.75 +22 40.0 20.3	-1.26	+ 0.7	1.1/23.0	66142
2006 EM ₃₀	2009 11 22.4	03 51.76 +33 23.8 21.4	-1.01	- 0.9	4.2/24.5	01479
2005 MU ₅₀	2009 11 22.4	03 51.79 +25 57.1 20.4	-1.20	- 4.0	2.4/23.4	66199
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	66124
2002 QW ₁₀₂	2009 11 22.4	03 51.80 +30 53.2 19.6	-1.11	- 5.7	5.4/24.6	66136
2002 TH ₁₂₁	2009 11 22.4	03 51.84 +23 05.2 18.0	-1.02	- 8.8	1.4/23.1	66141
2004 DV ₆₁	2009 11 22.4	03 51.87 +19 55.5 20.0	-1.15	- 1.7	0.1/22.4	66168
2005 TY ₅₀	2009 11 22.4	03 51.87 +29 29.5 19.4	-1.14	- 4.9	3.8/24.2	66216
2009 VH ₆₁	2009 11 22.4	03 51.88 +22 24.1 19.8	-0.97	- 3.4	1.0/23.0	65996
2000 SW ₈₉	2009 11 22.4	03 51.89 +21 35.4 17.4	-0.92	-13.1	11.1/13.0	66096
2005 UN ₁₅	2009 11 22.4	03 51.90 +20 04.5 20.0	-1.04	- 1.8	0.0/22.4	65458
2004 BJ ₁₃	2009 11 22.4	03 51.91 +23 32.2 19.4	-1.17	- 4.5	1.5/23.0	66167
2004 ES ₇₄	2009 11 22.4	03 51.92 +12 08.0 19.6	-1.04	- 3.9	3.0/21.1	66169
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 51.98 +37 51.8 18.6	-1.05	- 2.1	6.5/25.7	66153
2005 NE ₄₉	2009 11 22.4	03 52.02 +14 33.5 20.6	-1.19	+ 0.1	2.2/21.8	66200
2004 RS ₁₅₉	2009 11 22.4	03 52.03 +36 13.6 19.5	-1.09	- 4.0	5.3/25.6	66178
2009 UD ₁₀₃	2009 11 22.4	03 52.06 +11 19.7 18.6	-0.75	- 6.5	4.4/20.5	65939
2007 GX ₁₆	2009 11 22.4	03 52.09 +23 14.6 20.3	-1.02	- 2.7	1.1/23.0	66280
2004 SV ₉	2009 11 22.4	03 52.09 +37 13.7 20.5	-1.19	- 0.8	5.9/25.2	41815
2005 NZ ₉₈	2009 11 22.5	03 52.08 +20 40.0 20.5	-1.15	- 4.4	10.0/13.0	66200
2007 BR ₄₃	2009 11 22.5	03 52.08 +30 38.2 21.4	-1.24	- 2.8	4.3/24.2	19695
2008 SX ₁₆₅	2009 11 22.5	03 52.10 +11 11.3 19.9	-0.55	- 2.3	1.8/20.8	66327
2005 TL ₁₂₁	2009 11 22.5	03 52.11 +30 40.1 20.5	-1.21	- 1.8	4.2/24.2	66217
2007 JT ₃	2009 11 22.5	03 52.11 +18 12.4 20.7	-0.90	- 4.4	0.6/22.1	65565
2002 EZ ₆₆	2009 11 22.5	03 52.13 +09 02.3 20.1	-0.87	- 4.2	3.6/20.4	66129
2004 RS ₈	2009 11 22.5	03 52.16 +20 24.3 20.5	-0.98	- 4.7	0.1/22.6	65392
2002 XA ₁₁₅	2009 11 22.5	03 52.23 +17 59.5 18.9	-1.02	- 7.3	1.0/22.1	66146
2004 VM ₆₃	2009 11 22.5	03 52.23 +14 46.2 19.2	-0.90	- 2.0	2.1/21.7	66189
2001 RZ ₆₃	2009 11 22.5	03 52.27 +19 13.8 19.9	-1.06	- 7.4	11.5/13.0	66105
2001 QN ₁₁₃	2009 11 22.5	03 52.28 +32 47.1 18.3	-1.11	- 3.5	5.9/24.9	66103
1998 HS ₅₀	2009 11 22.5	03 52.28 +06 10.5 20.0	-1.10	- 1.8	5.7/20.5	66084
2007 EY ₁₈₇	2009 11 22.5	03 52.32 +09 55.1 21.0	-0.91	- 4.5	3.1/20.6	43277
2009 VY ₂₈	2009 11 22.5	03 52.32 +29 45.8 19.3	-1.31	+ 0.1	4.6/23.8	65975
2001 UZ ₁₀₁	2009 11 22.5	03 52.33 +17 07.0 19.5	-1.00	- 4.1	1.3/22.0	66112
2002 GF ₁₆₃	2009 11 22.5	03 52.35 +24 11.3 19.6	-1.09	0.0	1.5/23.0	66132
2005 NH ₂₄	2009 11 22.5	03 52.36 +15 22.1 20.9	-1.11	- 4.3	1.9/21.7	66200
2007 EO ₁₅₆	2009 11 22.5	03 52.38 +40 02.2 21.9	-1.07	- 1.5	5.3/26.1	46517
2000 EX ₂₃	2009 11 22.5	03 52.43 +24 09.0 19.9	-1.15	- 2.9	1.7/23.0	66092
2009 UG ₁₁₁	2009 11 22.5	03 52.44 +18 15.3 20.3	-1.06	- 6.2	0.8/22.2	65946
2002 VB ₁₂₆	2009 11 22.5	03 52.45 -14 06.4 18.2	-0.74	-18.5	16.6/08.5	66144
2007 JJ ₈	2009 11 22.5	03 52.45 +17 12.4 20.9	-0.91	- 5.1	0.9/22.0	66285
2002 CN ₈₆	2009 11 22.5	03 52.46 +42 18.2 20.1	-1.19	- 3.7	8.7/27.0	94595

2008 OD ₁₈	2009 11 22.5	03 52.47 +31 07.3 19.9	-0.89	- 5.6	3.0/24.9	66321
2009 UD ₁₂₈	2009 11 22.5	03 52.50 +18 41.5 20.4	-0.98	- 1.2	0.5/22.4	65950
2002 EU ₁₃₆	2009 11 22.5	03 52.55 +33 06.3 19.6	-1.12	- 0.8	5.0/24.5	66130
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
2009 UJ ₁₂₈	2009 11 22.6	03 52.55 +17 24.6 19.3	-0.92	- 4.3	1.1/22.1	65950
2006 DA ₅₇	2009 11 22.6	03 52.55 +12 43.5 20.8	-0.79	- 1.8	2.0/21.4	66255
2001 XU ₇₆	2009 11 22.6	03 52.55 +23 29.8 19.3	-1.08	- 2.4	1.3/23.1	66118
2005 SC ₁₆₅	2009 11 22.6	03 52.56 +16 32.4 20.7	-1.09	- 3.7	1.4/22.0	66212
2007 EV ₆₃	2009 11 22.6	03 52.57 +16 33.3 21.2	-0.94	- 2.8	1.1/22.0	66274
2007 FK ₃₇	2009 11 22.6	03 52.57 +23 05.8 21.8	-0.90	- 1.4	0.8/23.1	26265
2004 PH ₅₇	2009 11 22.6	03 52.58 +06 38.0 19.7	-0.93	- 3.0	5.4/20.4	62395
2005 US ₅₂₅	2009 11 22.6	03 52.59 +20 21.7 20.0	-1.05	- 1.8	0.1/22.6	66229
2004 SG ₄	2009 11 22.6	03 52.59 +05 15.4 20.0	-0.90	- 5.9	5.1/19.6	62402
2009 VY ₇₂	2009 11 22.6	03 52.60 +29 29.5 20.8	-1.17	- 1.9	3.6/24.1	66002
2005 YB ₁₉₂	2009 11 22.6	03 52.61 +29 01.3 20.6	-1.01	- 3.2	3.3/24.2	65503
2005 XX ₂₁	2009 11 22.6	03 52.63 +25 43.9 19.3	-1.10	- 1.7	2.3/23.5	66237
2007 BZ ₁₁	2009 11 22.6	03 52.63 +35 10.1 19.9	-1.26	- 2.6	6.7/25.1	19695
2002 QG ₅₆	2009 11 22.6	03 52.65 +24 44.9 20.4	-1.21	- 2.2	2.0/23.3	66136
2001 WD ₈	2009 11 22.6	03 52.67 +12 48.3 18.4	-0.97	- 3.7	3.0/21.3	66116
2004 EU ₁₄	2009 11 22.6	03 52.71 +17 32.2 20.0	-1.15	- 1.1	1.0/22.3	66169
2005 SG ₇₅	2009 11 22.6	03 52.72 +29 07.5 20.8	-1.21	- 1.8	3.6/24.0	65443
2004 HE ₂₅	2009 11 22.6	03 52.73 +19 55.5 21.1	-1.08	- 2.3	0.1/22.6	90199
2005 UC ₁₆₂	2009 11 22.6	03 52.73 +14 01.3 18.9	-1.05	+ 2.8	3.1/22.0	66222
2003 SW ₃₁₈	2009 11 22.6	03 52.76 +12 41.0 20.9	-0.82	- 4.7	2.5/21.2	08750
2006 YF ₃₉	2009 11 22.6	03 52.77 +30 58.0 19.6	-1.20	- 4.2	4.3/24.6	66265
2001 EH ₂₄	2009 11 22.6	03 52.78 +36 55.5 19.8	-1.06	- 2.9	5.4/25.6	47165
2007 CD ₅	2009 11 22.6	03 52.78 +15 45.9 21.1	-1.06	- 3.1	1.7/21.9	65542
2001 QT ₂₉₄	2009 11 22.6	03 52.81 +18 18.0 18.3	-0.98	- 8.0	0.9/22.3	66104
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	66256
2006 AA ₈	2009 11 22.6	03 52.83 +02 53.7 20.0	-0.88	- 3.2	5.3/19.4	62474
2004 FW ₈₄	2009 11 22.6	03 52.89 +26 32.0 18.8	-1.17	- 1.0	3.1/23.6	66170
2001 TO ₃₅	2009 11 22.6	03 52.91 +33 19.8 18.3	-1.13	- 2.0	5.9/24.9	66109
2003 TC ₁₉	2009 11 22.6	03 52.94 +19 45.1 19.7	-0.88	- 2.6	0.2/22.6	65375
2005 SS ₆₉	2009 11 22.6	03 52.96 +11 38.9 18.7	-1.24	+ 6.8	4.1/23.0	66210
2007 BF ₁₇	2009 11 22.6	03 52.98 +04 42.7 20.3	-1.02	- 1.6	5.5/20.3	40706
2007 BZ ₃₁	2009 11 22.6	03 53.00 +26 53.8 20.6	-1.15	- 5.1	2.6/23.9	65539
2005 WJ ₄₅	2009 11 22.7	03 52.89 +18 32.0 18.7	-1.23	+ 5.6	11.9/13.0	66232
2005 WW ₁₅₀	2009 11 22.7	03 52.91 +22 48.0 18.8	-1.08	+ 0.5	1.2/23.0	65483
2007 RC ₂₈₈	2009 11 22.7	03 52.92 +26 12.4 20.2	-0.61	- 1.4	1.2/23.8	66288
2005 YM ₅₂	2009 11 22.7	03 52.95 +23 46.3 19.5	-0.96	- 4.9	1.3/23.4	66241
2006 BR ₃₃	2009 11 22.7	03 52.99 +33 51.8 20.2	-0.99	- 2.0	4.2/25.1	47377
2009 VQ ₄₁	2009 11 22.7	03 53.00 +15 59.1 19.0	-0.98	- 1.5	1.8/22.1	65984
2009 UO ₁₃₀	2009 11 22.7	03 53.02 +22 20.3 18.9	-1.31	+ 6.0	1.0/23.0	65953
2006 EY ₇₁	2009 11 22.7	03 53.02 +26 48.1 20.3	-0.91	- 1.1	1.9/23.8	66258
2009 UZ ₁₃₇	2009 11 22.7	03 53.05 +25 10.1 18.9	-1.04	- 5.0	2.0/23.7	65959
2004 KL ₁₃	2009 11 22.7	03 53.07 +04 53.4 20.7	-1.02	- 1.5	5.3/20.4	40686
2003 UX ₁₁₈	2009 11 22.7	03 53.07 +10 30.1 19.9	-0.79	- 5.2	2.8/20.8	65377
2008 GL ₈₆	2009 11 22.7	03 53.07 +30 06.8 21.0	-1.34	- 1.2	4.0/24.2	66317
2006 AF ₇₉	2009 11 22.7	03 53.12 +23 28.6 20.2	-0.95	- 3.8	1.2/23.3	66248

2001 YB ₄₀	2009 11 22.7	03 53.14 +28 14.2 18.1	-1.05	- 4.9	3.4/24.3	66121
2001 QR ₅₉	2009 11 22.7	03 53.14 +29 03.1 19.6	-1.18	- 2.3	3.3/24.2	66103
2005 UD ₁₈₆	2009 11 22.7	03 53.15 +18 24.7 20.5	-1.01	- 4.0	0.7/22.4	65464
2005 UZ ₆₅	2009 11 22.7	03 53.17 +19 17.7 19.0	-1.00	- 6.1	0.4/22.6	66220
2000 FJ ₁	2009 11 22.7	03 53.19 -07 37.4 19.5	-0.88	+ 1.6	7.7/18.8	66092
2008 MN	2009 11 22.7	03 53.20 -16 40.9 20.7	-0.83	- 1.8	10.1/17.0	41927
1997 LM ₅	2009 11 22.7	03 53.21 +05 15.1 20.1	-0.85	- 1.3	4.8/20.4	65298
2005 RU ₁₄	2009 11 22.7	03 53.27 +16 06.0 21.1	-1.07	- 3.4	1.8/22.1	65438
2006 AD ₇₃	2009 11 22.7	03 53.29 +16 03.5 19.7	-0.93	- 2.2	1.5/22.1	66248
2008 FM ₂₁	2009 11 22.7	03 53.30 +16 22.5 20.7	-1.20	- 0.5	1.6/22.3	66315
2001 PZ ₁₈	2009 11 22.7	03 53.30 +12 29.2 19.9	-1.09	- 0.7	3.0/21.7	66102
2004 GT ₂₅	2009 11 22.7	03 53.30 +13 52.6 20.2	-1.04	- 6.1	2.8/21.5	66171
2004 RH ₃₈	2009 11 22.7	03 53.31 +61 23.7 22.1	-1.89	- 0.2	11.8/01.4	68087
2005 YT ₁₃₁	2009 11 22.7	03 53.32 +03 23.4 21.2	-0.82	- 1.0	4.6/20.2	20831
2005 QD ₁₆₁	2009 11 22.7	03 53.37 +18 48.1 19.2	-1.03	- 0.7	0.7/22.6	66206
2009 UG ₁₀₆	2009 11 22.7	03 53.38 +24 01.9 19.3	-1.14	+ 1.7	1.4/23.2	65941
2005 UH ₁₆₇	2009 11 22.7	03 53.38 +16 59.1 20.3	-1.02	- 5.8	1.4/22.2	66223
2009 UF ₁₂₈	2009 11 22.7	03 53.39 +16 13.9 19.8	-0.96	- 7.9	1.4/21.9	65950
2009 WS ₆₈	2009 11 22.8	03 53.31 +13 02.5 20.4	-0.98	- 2.3	2.6/21.7	66017
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	66255
2006 DN ₁₉₆	2009 11 22.8	03 53.38 +28 39.0 20.4	-0.97	- 0.2	2.4/24.0	66257
2007 FU ₂₉	2009 11 22.8	03 53.39 +37 05.2 20.2	-1.16	- 0.9	5.3/25.5	20860
2008 HN ₃₂	2009 11 22.8	03 53.41 +15 25.8 19.7	-1.08	- 0.9	1.9/22.2	66318
2005 YO ₂₁₇	2009 11 22.8	03 53.41 +08 52.8 19.0	-0.96	+ 0.5	4.5/21.3	66245
2002 QB ₇₉	2009 11 22.8	03 53.42 +25 42.3 20.9	-0.89	- 1.9	1.7/23.7	66136
2009 VN ₆₆	2009 11 22.8	03 53.44 +24 13.0 20.4	-0.92	- 3.0	1.4/23.5	65998
2007 EB ₁₃₂	2009 11 22.8	03 53.45 +24 27.3 19.4	-1.11	- 2.0	2.1/23.5	65553
2008 LU ₁₅	2009 11 22.8	03 53.46 +08 48.5 20.3	-1.08	+ 0.1	4.1/21.4	66321
2005 TE ₈₆	2009 11 22.8	03 53.48 +18 31.6 19.8	-1.06	- 6.3	0.6/22.5	66216
2003 TK ₃₀	2009 11 22.8	03 53.51 +33 12.4 19.7	-1.04	+ 0.5	4.2/24.6	66160
2007 HD ₅₄	2009 11 22.8	03 53.58 +10 01.0 19.9	-0.91	- 3.3	3.7/21.1	66284
2008 SK ₂₅₇	2009 11 22.8	03 53.60 +25 49.3 19.7	-0.62	- 0.6	1.1/23.8	65604
2005 RZ ₁₇	2009 11 22.8	03 53.60 +19 23.8 19.3	-1.13	- 1.2	0.4/22.7	66207
2001 TN ₁₆₉	2009 11 22.8	03 53.61 +42 13.9 19.0	-1.33	0.0	8.9/26.1	66110
2009 VH ₇₂	2009 11 22.8	03 53.61 +10 46.7 19.1	-1.02	+ 1.8	4.4/21.8	66001
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	66125
2002 ES ₃₈	2009 11 22.8	03 53.67 -02 07.1 22.0	-0.86	- 2.4	7.1/19.0	19081
2003 HF ₅₈	2009 11 22.8	03 53.67 +25 31.6 21.9	-1.05	- 2.1	1.7/23.7	20307
2008 QV ₂₈	2009 11 22.8	03 53.69 +40 26.6 20.2	-1.18	- 1.8	6.6/26.4	47457
2005 WG ₃₃	2009 11 22.8	03 53.70 +27 43.0 19.3	-1.06	- 8.0	2.8/24.5	65477
2008 NS ₂	2009 11 22.8	03 53.71 +25 59.7 20.6	-0.93	- 3.1	1.8/23.9	66321
2006 BH ₁₀	2009 11 22.8	03 53.77 +22 25.6 20.5	-0.94	- 2.8	0.7/23.3	66249
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 51.9 19.8	-0.90	+ 0.7	4.3/21.3	66090
2005 ST ₄₅	2009 11 22.8	03 53.83 +30 00.2 20.5	-1.20	- 1.6	3.9/24.4	66209
2004 RF ₂₂₉	2009 11 22.9	03 53.73 +28 46.0 20.1	-1.03	- 2.0	3.0/24.3	66180
2000 DF ₉₇	2009 11 22.9	03 53.73 +09 41.8 19.4	-1.03	- 3.4	4.5/21.1	66091
2005 TJ ₁₆₇	2009 11 22.9	03 53.73 +19 57.0 20.6	-1.07	- 3.5	9.4/03.0	64260
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	66162
2005 YB ₆	2009 11 22.9	03 53.90 +15 32.7 20.3	-1.03	- 1.2	1.8/22.2	65493
2004 XL ₂₀	2009 11 22.9	03 53.90 +14 24.2 19.3	-0.92	+ 0.3	1.9/22.1	66191
2006 BC ₂₆₆	2009 11 22.9	03 53.91 +08 53.0 20.5	-0.81	- 4.5	3.6/20.7	66253
2007 KP ₃	2009 11 22.9	03 53.92 +10 00.9 19.7	-0.95	+ 1.2	3.1/21.7	66286
2002 AD ₁₈	2009 11 22.9	03 53.94 -05 08.7 19.5	-1.50	+10.0	12.1/22.3	66123
2001 YQ ₁₂₇	2009 11 22.9	03 53.96 +19 22.9 17.9	-1.01	+ 3.3	0.5/22.9	66122
2000 PH ₁₂	2009 11 22.9	03 54.00 +41 03.0 19.1	-1.21	- 5.8	8.0/27.6	66094
2009 WE ₇₂	2009 11 22.9	03 54.02 +16 05.9 20.5	-0.84	- 4.9	1.3/22.1	66018
2006 EH ₁₀	2009 11 22.9	03 54.06 +01 15.5 19.2	-0.80	- 3.2	6.7/19.5	66257
2006 GL ₃₂	2009 11 22.9	03 54.15 +03 19.0 20.4	-0.80	- 3.6	5.2/19.7	49002
2009 UF ₁₁₁	2009 11 22.9	03 54.16 +21 45.3 19.4	-0.98	+ 1.8	0.5/23.2	65946
2002 WM ₃₀	2009 11 22.9	03 54.17 +19 38.1 20.0	-1.02	- 8.4	11.7/13.0	66145
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
2009 WT ₈₂	2009 11 22.9	03 54.19 +29 02.5 20.5	-0.90	- 3.8	2.7/24.6	66020
2006 QY ₃₀	2009 11 22.9	03 54.20 -27 08.4 19.8	-1.09	+ 1.0	22.9/14.8	66261
2008 GH ₇₄	2009 11 22.9	03 54.21 +08 36.8 20.3	-1.09	- 1.3	5.0/21.4	62534
2005 GK ₄₄	2009 11 22.9	03 54.26 +27 58.0 20.3	-1.17	- 3.0	3.6/24.3	65431
2002 RV ₅₃	2009 11 23.0	03 54.19 +09 57.8 19.8	-1.12	- 2.3	4.3/21.5	66137
2005 YA ₁₁₅	2009 11 23.0	03 54.20 +21 12.1 19.6	-0.99	- 1.9	0.3/23.2	66242
2009 SU ₉₆	2009 11 23.0	03 54.22 +20 41.0 19.7	-0.94	- 1.0	0.1/23.1	65733
2003 AR ₃	2009 11 23.0	03 54.22 -26 54.4 18.9	-1.09	+ 8.4	23.6/16.4	66147
2005 WM ₃₃	2009 11 23.0	03 54.25 +20 19.6 19.3	-1.04	+ 2.6	0.0/23.0	66232
2007 BY ₂₁	2009 11 23.0	03 54.26 +18 23.2 20.4	-1.13	- 2.3	0.8/22.7	66266
2005 QG ₃₄	2009 11 23.0	03 54.26 +17 18.8 20.7	-1.06	- 4.1	1.4/22.5	65430
2005 WG ₂₁	2009 11 23.0	03 54.30 +23 07.5 20.5	-1.06	- 2.0	1.2/23.5	65476
2007 FU ₄₃	2009 11 23.0	03 54.32 +26 06.0 20.8	-1.07	- 1.5	2.0/23.9	66279
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 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	66234
2004 QG ₂₇	2009 11 23.0	03 54.40 +19 24.5 19.8	-0.95	- 6.9	0.3/22.9	65391
2000 HP	2009 11 23.0	03 54.43 +08 04.2 20.8	-0.79	- 5.2	3.7/20.5	47145
2007 GE ₂₈	2009 11 23.0	03 54.55 +19 27.8 20.3	-1.06	+ 0.5	0.3/23.0	66281
2007 JN ₉	2009 11 23.0	03 54.55 +06 58.5 21.5	-0.75	- 3.6	3.3/20.6	47433
2005 TM ₁₃₁	2009 11 23.0	03 54.58 +25 31.7 20.5	-1.16	- 0.9	1.9/23.8	65455
2004 RC ₂₆₉	2009 11 23.0	03 54.58 +10 31.6 20.2	-0.91	- 3.8	3.7/21.4	66180
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 EC ₈₉	2009 11 23.0	03 54.60 +16 08.4 20.5	-1.01	- 2.3	1.5/22.4	66275
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 PB ₄	2009 11 23.0	03 54.64 +26 06.4 20.5	-1.25	- 4.0	2.3/24.1	65427
2005 TA ₁₅	2009 11 23.0	03 54.66 +27 32.2 19.9	-0.98	- 7.0	3.6/24.7	66215
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 UY ₁₉₇	2009 11 23.1	03 54.61 +16 29.6 20.7	-0.99	- 3.9	1.8/22.4	65464
2004 BP ₁₄₂	2009 11 23.1	03 54.62 +12 46.2 20.9	-1.15	- 1.4	3.5/22.0	65383
2000 DD ₁₁₅	2009 11 23.1	03 54.64 +00 16.2 18.6	-0.79	- 1.2	8.6/19.9	65306
2006 DZ ₁₃₈	2009 11 23.1	03 54.67 +02 27.3 19.6	-0.83	- 1.8	6.4/20.2	66256
2008 GO ₁₀	2009 11 23.1	03 54.68 +16 28.4 20.2	-1.11	- 3.9	1.6/22.5	66316
2003 SW ₁₅₇	2009 11 23.1	03 54.73 +23 07.8 19.6	-0.89	- 3.8	1.0/23.6	66157
2004 FL ₄₅	2009 11 23.1	03 54.73 +15 05.4 20.3	-1.07	- 2.1	1.9/22.3	66170
2007 EE ₇₀	2009 11 23.1	03 54.76 +11 41.8 20.9	-0.98	- 3.0	3.1/21.7	65551

2009 VS ₆₆	2009 11 23.1	03 54.77 +24 04.8 20.5	-1.04	- 0.7	1.5/23.7	65998
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 WN ₁₈₂	2009 11 23.1	03 54.78 -04 22.7 18.4	-0.98	+ 4.6	11.7/20.6	66236
2004 XT ₁₂₈	2009 11 23.1	03 54.78 +23 34.6 19.2	-0.89	- 6.0	1.2/23.8	65417
2004 RQ ₂₁₇	2009 11 23.1	03 54.78 +25 36.2 18.7	-0.95	- 7.8	2.0/24.3	66180
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 SV ₆₁	2009 11 23.1	03 54.82 +26 33.8 19.4	-1.16	- 0.7	2.9/24.0	66209
2005 XV ₁₀₂	2009 11 23.1	03 54.83 +12 11.3 19.5	-0.94	- 0.7	3.5/22.0	65492
2009 WW ₅₀	2009 11 23.1	03 54.83 +22 19.1 20.2	-1.17	- 3.9	0.9/23.5	66016
2005 RU ₄₇	2009 11 23.1	03 54.83 +23 27.5 19.3	-1.17	+ 2.3	1.5/23.5	66208
2009 UE ₃₅	2009 11 23.1	03 54.84 +22 31.2 19.9	-1.04	- 0.5	0.8/23.5	65898
2006 WO ₆₉	2009 11 23.1	03 54.84 +12 45.9 19.3	-1.09	- 2.0	3.5/22.0	66264
2009 VV ₆₁	2009 11 23.1	03 54.89 +19 57.9 19.7	-1.04	- 1.6	0.1/23.1	65996
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 20.8	-0.89	- 3.2	2.8/21.9	66085
2004 GH ₄₉	2009 11 23.1	03 55.03 +26 31.5 19.8	-1.20	- 1.9	2.8/24.1	18070
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	66221
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 55.01 +25 14.7 19.2	-1.08	- 1.8	1.8/23.9	66125
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	66274
2005 NT ₉₅	2009 11 23.2	03 55.14 +11 43.3 19.2	-1.08	- 0.3	4.2/22.1	66200
2002 TY ₉₅	2009 11 23.2	03 55.15 +20 38.8 18.4	-0.98	- 8.2	0.2/23.3	65342
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 20.1	-1.11	- 6.1	0.8/22.8	66319
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	66242
2001 UW ₁₀₈	2009 11 23.2	03 55.19 +13 53.3 19.1	-0.97	- 4.9	2.6/22.1	66112
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	66322
2004 TP ₂₄₅	2009 11 23.2	03 55.24 +26 56.4 19.9	-1.03	- 1.2	2.4/24.2	66187
2005 GK ₁₃₆	2009 11 23.2	03 55.29 -10 18.7 19.6	-0.96	-17.4	15.2/12.6	66198
2009 VQ ₄₈	2009 11 23.2	03 55.31 +16 58.1 19.6	-0.86	- 2.8	1.3/22.7	65992
2001 FZ ₉₀	2009 11 23.2	03 55.33 +23 38.0 20.2	-1.14	- 4.8	1.2/23.8	47165
2007 DR ₃₂	2009 11 23.2	03 55.33 +32 30.2 19.9	-1.22	- 1.2	5.7/25.0	22876
2008 SO ₄₂	2009 11 23.2	03 55.35 +24 37.0 20.6	-0.60	- 1.3	0.8/24.0	66326
2001 VY ₁₂₅	2009 11 23.2	03 55.35 +19 13.8 19.7	-0.97	- 4.9	0.5/23.1	66115
2002 OR ₂₈	2009 11 23.2	03 55.35 +25 24.3 18.4	-1.05	- 8.8	2.5/24.4	66134
2003 UF ₅₁	2009 11 23.2	03 55.37 +29 38.0 19.1	-0.90	- 6.1	2.8/25.2	66161
2005 SH ₂₂₁	2009 11 23.2	03 55.37 +11 54.2 19.6	-0.99	- 5.6	3.6/21.7	65449
2008 JX ₃₀	2009 11 23.2	03 55.39 +09 58.7 18.8	-0.97	- 2.7	4.7/21.7	65590
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 YR ₁₉₁	2009 11 23.2	03 55.44 +24 46.1 20.3	-0.99	- 2.9	1.6/24.0	66244
2003 UW ₈₃	2009 11 23.2	03 55.46 +36 29.5 19.5	-0.97	- 5.0	4.6/26.6	47270
2009 UF ₁₀₃	2009 11 23.2	03 55.47 +18 16.7 18.8	-1.00	+ 0.4	0.9/23.0	65939
2005 MP ₂₄	2009 11 23.2	03 55.48 +18 57.2 20.1	-1.20	- 0.8	0.6/23.1	66199
2003 SK ₄₁₈	2009 11 23.2	03 55.48 +05 51.3 20.3	-0.81	- 1.5	4.5/21.0	64210
2002 QE ₁₃₂	2009 11 23.2	03 55.50 +13 36.3 20.6	-0.84	- 1.8	2.0/22.2	65335
2006 SB ₃₆₈	2009 11 23.2	03 55.50 -04 51.6 20.4	-1.07	-14.6	12.0/16.5	53551
2000 HC ₁₉	2009 11 23.3	03 55.43 +22 25.1 20.9	-1.09	- 2.5	0.7/23.6	66093

2006 AJ ₅₇	2009 11 23.3	03 55.43 -00 40.4 19.8	-0.96	+ 1.3	8.8/20.5	66247
2006 BJ ₁₅₄	2009 11 23.3	03 55.43 +14 01.2 20.4	-0.86	- 2.0	2.0/22.3	65515
2008 QX ₂₀	2009 11 23.3	03 55.44 +14 13.5 19.4	-0.82	- 4.8	1.9/22.1	65592
2007 CX ₄₅	2009 11 23.3	03 55.46 +25 35.1 20.8	-1.13	- 4.4	2.0/24.2	66269
2003 SA ₈₉	2009 11 23.3	03 55.46 +23 27.7 19.0	-0.88	- 5.8	1.1/23.9	65364
2008 UT ₂₃₀	2009 11 23.3	03 55.48 +21 49.7 20.0	-0.60	- 2.2	0.3/23.6	66334
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 18.9	-0.98	- 3.5	1.8/23.9	66206
2004 VW ₄₅	2009 11 23.3	03 55.53 +14 54.4 19.7	-0.93	- 0.5	1.9/22.5	65410
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
2006 HX ₃₉	2009 11 23.3	03 55.59 +17 06.4 19.8	-0.99	+ 1.7	1.1/22.9	66260
2001 FV ₁₅₈	2009 11 23.3	03 55.60 +30 44.1 20.1	-0.94	- 0.9	2.8/25.0	66101
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 20.7	-0.98	- 2.1	3.8/21.7	66317
2008 GU ₁₁₁	2009 11 23.3	03 55.67 +28 10.4 20.4	-1.37	+ 3.9	2.5/24.1	65587
2007 DA ₂₆	2009 11 23.3	03 55.72 +15 26.9 18.8	-0.99	- 0.9	2.5/22.7	65545
2003 BV ₅₇	2009 11 23.3	03 55.73 +23 12.8 19.3	-1.10	- 3.3	1.2/23.8	66148
2002 TP ₃₀₈	2009 11 23.3	03 55.73 +11 47.3 20.8	-1.13	- 1.8	3.5/22.2	66142
2005 SX ₁₄₅	2009 11 23.3	03 55.76 +17 03.0 19.7	-1.02	- 1.6	1.6/22.9	66212
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	66275
2008 GG ₁₂₈	2009 11 23.3	03 55.88 -16 10.5 20.7	-1.08	+ 2.6	12.9/19.7	40593
2008 RH ₁₀₆	2009 11 23.3	03 55.88 +34 42.5 19.7	-0.97	- 3.0	4.8/26.0	66324
2008 GS ₆₂	2009 11 23.3	03 55.88 +14 09.2 19.9	-1.10	- 6.3	2.6/22.2	66317
2006 BU ₇₅	2009 11 23.4	03 55.85 +12 36.1 20.1	-0.95	- 0.7	3.2/22.3	65512
2009 UV ₃₉	2009 11 23.4	03 55.86 +23 27.2 19.7	-1.15	- 0.5	1.5/23.8	65904
2006 EW ₄₉	2009 11 23.4	03 55.87 +16 11.9 20.1	-0.87	- 1.6	1.4/22.8	65521
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
2006 JJ ₆₂	2009 11 23.4	03 55.96 -02 53.4 20.3	-0.79	- 1.7	6.6/19.6	47412
2009 UW ₁₃₉	2009 11 23.4	03 55.96 -00 12.7 18.8	-0.94	+ 1.7	9.3/20.9	65961
2002 AB ₁₄₇	2009 11 23.4	03 55.96 +16 29.8 19.1	-0.98	- 2.9	1.7/22.8	66124
2004 RS ₈₀	2009 11 23.4	03 56.05 +24 54.2 20.8	-1.02	- 2.5	1.4/24.2	66177
2005 YL ₁₅₄	2009 11 23.4	03 56.07 +32 16.6 19.1	-1.03	- 3.5	5.3/25.6	65502
2007 GL ₄₇	2009 11 23.4	03 56.13 +14 09.7 19.8	-0.93	- 7.4	2.2/22.1	66281
2007 EY ₄₆	2009 11 23.4	03 56.13 +17 54.0 21.2	-1.05	- 3.4	1.0/23.0	66274
2005 NN ₅₅	2009 11 23.4	03 56.13 +16 09.6 19.6	-1.18	+ 0.8	1.9/23.0	66200
2009 UG ₃₅	2009 11 23.4	03 56.14 +22 23.0 19.5	-1.17	- 2.0	1.0/23.7	65899
2003 SP ₂₁₀	2009 11 23.4	03 56.15 +01 55.6 20.3	-0.85	- 4.7	6.2/20.2	39731
2007 HT ₅₁	2009 11 23.4	03 56.16 +14 01.0 19.9	-0.99	- 3.2	2.4/22.4	65563
1998 SA ₂₇	2009 11 23.4	03 56.19 +38 25.9 18.4	-1.12	+ 3.1	7.9/25.5	66085
2002 RJ ₆₁	2009 11 23.4	03 56.24 +27 39.8 18.6	-1.27	+ 0.4	3.6/24.4	66137
2005 SM ₂₄₉	2009 11 23.4	03 56.25 +19 56.7 20.4	-1.06	- 3.4	0.2/23.4	66214
2005 XN ₅₉	2009 11 23.4	03 56.25 +23 37.5 18.8	-0.99	- 2.9	1.5/24.0	66238
2001 QN ₂₃₃	2009 11 23.4	03 56.29 +11 54.1 19.5	-1.00	- 3.7	3.8/22.1	66104
2004 CO ₄₅	2009 11 23.4	03 56.32 +20 46.3 19.4	-1.20	- 1.0	0.2/23.5	66167
2005 YL ₄₃	2009 11 23.5	03 56.27 +07 11.9 20.8	-0.92	- 1.1	4.4/21.5	26114
2003 SB ₃₂₂	2009 11 23.5	03 56.27 +05 08.3 19.5	-0.81	- 1.4	4.8/21.1	66159
2005 QC ₁₃₅	2009 11 23.5	03 56.31 +14 50.5 19.9	-1.06	- 2.9	2.4/22.6	66205
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 20.3	-0.61 - 1.3	0.8/24.2	66332
2009 VH ₁	2009 11 23.5	03 56.39 +32 24.3 19.7	-1.23 + 1.4	4.3/25.0	65962
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	66287
2007 BH ₂₂	2009 11 23.5	03 56.45 +28 45.2 21.0	-1.21 - 3.0	3.2/24.8	56087
2007 CG ₃₆	2009 11 23.5	03 56.45 +09 13.8 19.9	-1.04 - 1.6	4.5/21.9	65542
2004 RE 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
2008 HP ₅₁	2009 11 23.5	03 56.47 +13 18.3 19.4	-0.97 -10.0	2.9/21.9	65589
2003 TR ₄₆	2009 11 23.5	03 56.48 +40 20.3 19.8	-1.11 + 0.2	6.4/26.5	22754
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 18.0	-0.93 - 6.5	1.1/23.1	66177
2004 XR ₄₄	2009 11 23.5	03 56.61 +25 57.6 19.2	-0.92 - 5.9	2.0/24.7	65413
2005 SY ₂	2009 11 23.5	03 56.62 +16 16.3 19.8	-1.05 - 3.2	1.9/22.9	66208
2007 GV ₁₇	2009 11 23.5	03 56.65 +13 26.1 20.9	-0.91 - 6.6	2.2/22.2	65558
1998 WU ₂	2009 11 23.5	03 56.68 +17 28.0 19.4	-0.83 - 6.7	1.0/23.0	66086
2003 NA ₆	2009 11 23.5	03 56.69 +23 20.6 19.5	-0.89 - 9.1	1.1/24.3	66153
2003 SQ ₃₀₁	2009 11 23.5	03 56.73 +02 35.3 18.2	-0.77 - 1.7	7.6/20.6	66158
2007 EH ₄₄	2009 11 23.5	03 56.76 +19 43.2 19.3	-1.03 - 4.3	0.3/23.5	66274
2003 YN ₁₅₈	2009 11 23.5	03 56.77 +38 07.3 19.2	-0.97 - 6.3	5.0/27.5	66166
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 21.1	-1.05 - 3.5	4.2/21.9	66205
2007 HF ₄₆	2009 11 23.6	03 56.78 -00 19.8 20.1	-0.97 - 0.4	7.4/20.6	22889
2009 VZ ₇₅	2009 11 23.6	03 56.79 +15 51.1 19.9	-1.04 - 3.9	1.8/22.9	66003
2003 NG ₁₀	2009 11 23.6	03 56.79 +22 51.8 19.9	-0.91 - 5.0	0.8/24.1	66153
2005 TP ₁₃₁	2009 11 23.6	03 56.82 +23 08.9 20.0	-1.15 - 1.5	1.1/24.0	66217
2001 XP ₂₂₄	2009 11 23.6	03 56.83 +13 15.2 19.0	-1.32 +10.5	3.4/23.5	66120
2005 UX ₁₃₇	2009 11 23.6	03 56.84 +22 28.5 20.2	-1.09 - 1.1	1.0/23.9	66222
2003 RM ₉	2009 11 23.6	03 56.88 +07 13.1 19.0	-0.76 - 7.4	5.4/20.8	66154
1998 YQ ₂₁	2009 11 23.6	03 56.89 +11 14.5 19.2	-0.98 - 0.1	4.6/22.4	66087
2007 RJ ₂₈₃	2009 11 23.6	03 56.91 +24 44.6 19.1	-0.59 - 3.2	0.9/24.5	66288
2004 RV ₆₉	2009 11 23.6	03 56.93 +29 12.6 20.1	-1.07 - 1.7	3.2/25.0	66177
2009 WH ₂₇	2009 11 23.6	03 56.94 +22 34.9 20.1	-0.93 - 2.7	0.8/24.0	66012
2005 QH ₁₃₈	2009 11 23.6	03 56.95 +19 59.7 19.7	-1.04 - 1.3	0.2/23.6	66206
2008 HT ₁₇	2009 11 23.6	03 56.96 +14 53.5 20.3	-1.17 + 2.5	2.1/23.1	66318
2005 UL ₅₀₅	2009 11 23.6	03 56.96 +04 04.1 20.3	-0.80 - 1.5	4.8/21.1	26089
2006 CO	2009 11 23.6	03 56.97 +07 35.9 19.1	-0.86 - 5.0	5.1/21.2	66254
2005 YZ ₁₇₁	2009 11 23.6	03 56.98 +25 26.9 19.6	-1.00 - 8.7	2.1/24.7	65502
6005 P-L	2009 11 23.6	03 57.00 +22 03.2 19.3	-1.03 - 3.0	0.8/23.9	66025
2003 WP ₃₉	2009 11 23.6	03 57.01 +21 06.0 19.3	-0.84 - 8.7	0.2/23.8	65380
2005 YP ₂₀₆	2009 11 23.6	03 57.01 +32 40.0 18.7	-1.01 - 8.3	5.2/26.4	66245
2009 UT ₃₄	2009 11 23.6	03 57.04 +20 17.2 19.3	-0.91 - 0.4	0.0/23.6	65898
2005 YW ₁₇₅	2009 11 23.6	03 57.08 +27 30.1 20.4	-0.99 - 3.7	2.4/24.9	65503
2009 UW ₃₄	2009 11 23.6	03 57.08 +18 35.8 20.0	-1.05 - 5.5	0.8/23.3	65898
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	66280
2003 UP ₅₈	2009 11 23.6	03 57.20 +33 21.9 20.6	-1.01 - 1.8	3.9/25.9	46073
2004 CT ₁₁₁	2009 11 23.7	03 57.11 +17 24.3 20.4	-1.13 - 2.7	1.2/23.2	66168
2005 XF ₆₅	2009 11 23.7	03 57.11 +16 53.3 18.5	-0.96 - 6.6	1.4/23.0	66238
1998 WJ ₃₉	2009 11 23.7	03 57.12 +17 43.9 20.4	-0.87 - 2.1	1.0/23.3	66086
2002 RB ₂₈₂	2009 11 23.7	03 57.15 +14 10.9 18.8	-0.91 - 1.8	3.5/22.7	65339
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 20.9	-1.10 - 2.7	3.4/25.2	66128
2005 TY ₁₄₇	2009 11 23.7	03 57.17 +16 10.9 20.1	-1.04 - 1.6	1.9/23.1	66217
2002 RP ₂₄₄	2009 11 23.7	03 57.18 +10 58.5 19.8	-1.08 - 1.2	4.6/22.4	66138
2005 UL ₃₇₁	2009 11 23.7	03 57.18 +21 04.5 20.0	-1.03 - 3.0	0.3/23.8	66226
2009 SO ₂₅₅	2009 11 23.7	03 57.23 -12 49.7 18.9	-0.94 + 4.6	11.3/20.4	65790
2007 DU ₁₁₃	2009 11 23.7	03 57.23 +18 23.3 20.0	-1.08 - 3.4	0.9/23.4	65549
2007 GA ₃₈	2009 11 23.7	03 57.24 +09 24.5 20.3	-0.83 - 4.5	3.5/21.7	66281
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	66101
2006 AE ₆₃	2009 11 23.7	03 57.38 +31 24.9 20.4	-1.00 - 3.4	3.4/25.7	66248
2005 SO ₂₆₄	2009 11 23.7	03 57.38 +16 58.5 20.9	-1.03 - 2.3	1.6/23.2	65451
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 19.7	-1.06 - 4.6	5.1/26.2	66177
2005 OW ₁₀	2009 11 23.7	03 57.45 +22 27.9 18.6	-1.19 + 1.5	0.9/24.0	66201
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	66193
2009 VA ₂₁	2009 11 23.7	03 57.55 +16 06.8 20.5	-1.05 - 2.9	1.6/23.1	65970
2009 UL ₁₁₀	2009 11 23.7	03 57.56 +22 32.1 20.8	-0.99 - 1.2	0.7/24.1	65946
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	66282
2006 FJ ₃₈	2009 11 23.7	03 57.59 +40 43.2 20.9	-1.14 + 0.6	6.1/26.6	21856
2007 BX ₇₉	2009 11 23.7	03 57.64 +32 00.4 20.7	-1.21 - 2.8	4.9/25.6	40707
2005 UM ₁₆₁	2009 11 23.8	03 57.54 +28 40.0 19.0	-0.92 - 9.1	4.3/25.8	65463
2006 BU ₂₂₆	2009 11 23.8	03 57.55 +04 57.9 20.3	-0.78 - 0.9	3.9/21.4	62479
2007 DA ₁₁₀	2009 11 23.8	03 57.55 +23 12.8 20.6	-1.04 - 2.2	1.0/24.2	66272
2006 BW ₅₆	2009 11 23.8	03 57.57 +13 19.2 19.3	-0.92 - 2.2	2.7/22.7	66250
2005 YR ₁₈₉	2009 11 23.8	03 57.58 +16 07.6 20.5	-0.95 - 2.6	1.6/23.1	66244
2003 GF ₁₆	2009 11 23.8	03 57.61 +16 16.6 20.0	-1.02 - 0.9	1.5/23.2	66151
2009 SW ₉₆	2009 11 23.8	03 57.63 +15 41.5 20.0	-0.84 - 5.7	1.5/22.9	65734
2005 QJ ₆₉	2009 11 23.8	03 57.64 +22 58.7 18.6	-1.22 - 0.4	1.1/24.1	65432
2001 VD ₃₇	2009 11 23.8	03 57.71 +20 42.7 17.8	-0.98 - 8.5	0.1/23.9	66114
2009 UH ₃₅	2009 11 23.8	03 57.74 +23 19.8 19.5	-1.02 + 1.5	1.0/24.2	66378
2007 FQ ₂₈	2009 11 23.8	03 57.74 +23 49.8 20.6	-1.10 - 3.0	1.3/24.4	66279
2009 UU ₃₉	2009 11 23.8	03 57.78 +21 22.5 19.7	-0.99 - 3.9	0.4/24.0	65904
2002 CO ₁₆₆	2009 11 23.8	03 57.79 +41 04.0 19.1	-1.24 - 0.7	8.1/26.9	66127
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 19.3	-0.97 - 7.2	0.7/23.5	66286
2005 XM ₅₉	2009 11 23.8	03 57.82 +23 53.9 19.0	-1.03 - 2.9	1.4/24.4	66238
2007 CP ₅₁	2009 11 23.8	03 57.85 +05 36.7 20.4	-0.97 - 3.9	5.2/21.3	47419
2005 XA ₄₀	2009 11 23.8	03 57.86 +23 18.3 21.1	-0.96 - 2.9	0.9/24.3	66238
2004 PY ₉₁	2009 11 23.8	03 57.86 +37 48.5 20.7	-1.16 - 5.0	5.9/27.4	70387
2001 XX ₆	2009 11 23.8	03 57.86 -33 51.1 19.2	-1.52 + 9.9	23.5/20.4	66117
2006 AY ₁₀₄	2009 11 23.8	03 57.88 +04 32.9 20.0	-0.90 - 1.2	6.4/21.6	66248

2008 UZ ₂₃₅	2009 11 23.8	03 57.89 +21 23.7 19.8	-0.57 - 2.3	0.2/24.0	65625	2008 PJ ₇	2009 11 24.0	03 58.54 +21 54.9 19.6	-0.92 - 4.8	0.5/24.3	66322
2005 YP ₁₁₃	2009 11 23.8	03 57.89 +19 33.3 19.6	-1.00 - 0.7	0.3/23.7	66242	2005 AR ₄₈	2009 11 24.0	03 58.56 -03 58.3 20.7	-0.86 + 0.2	7.9/20.2	00905
2005 UC ₅₂₆	2009 11 23.8	03 57.92 +27 13.2 21.2	-1.15 - 1.7	2.5/24.9	65471	2006 BO ₅₉	2009 11 24.0	03 58.57 +15 13.8 19.5	-0.95 - 1.1	2.0/23.3	66250
2006 JL ₁₅	2009 11 23.8	03 57.94 +23 23.5 20.0	-0.96 - 0.3	1.0/24.3	65525	2007 EQ ₁₉₈	2009 11 24.0	03 58.59 +23 40.1 20.0	-1.12 - 4.4	1.4/24.6	65555
2002 TS ₁₀₁	2009 11 23.8	03 57.95 +33 21.1 19.3	-1.25 - 2.2	5.9/25.9	14674	2001 KB ₁₈	2009 11 24.0	03 58.61 +22 30.1 20.9	-1.14 - 5.0	0.7/24.4	66102
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 QA ₈₈	2009 11 24.0	03 58.61 +06 48.1 20.3	-0.77 - 2.3	3.9/21.7	66136
2004 XN ₃₁	2009 11 23.8	03 57.97 +31 37.0 20.2	-0.91 - 4.2	3.0/26.0	47330	2004 RU ₂₃₃	2009 11 24.0	03 58.67 +14 02.0 20.1	-0.91 - 3.4	2.3/23.0	66180
2005 QW ₁₉	2009 11 23.8	03 57.99 +15 09.4 19.6	-1.07 - 3.0	2.4/23.1	65430	2006 DH ₁₄₀	2009 11 24.0	03 58.69 +03 52.3 20.1	-0.84 - 1.8	5.7/21.4	66256
2007 GL ₆₁	2009 11 23.8	03 58.04 +24 35.7 21.3	-0.97 - 3.2	1.4/24.6	66282	2000 RV ₈₁	2009 11 24.0	03 58.71 -25 08.1 18.0	-0.74 -10.8	19.7/08.0	66095
2005 SB ₁₉₉	2009 11 23.8	03 58.04 +14 07.8 20.4	-1.03 - 4.7	2.6/22.8	66213	2007 HZ ₅₁	2009 11 24.0	03 58.71 +14 56.7 20.9	-0.90 - 0.2	1.7/23.3	65563
2002 CF ₁₀	2009 11 23.8	03 58.07 +60 19.9 19.0	-2.01 + 1.5	20.8/30.7	58424	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 AA ₁	2009 11 23.9	03 57.97 +23 01.6 18.2	-0.76 - 4.8	1.2/24.4	65418	2005 NF ₃₀	2009 11 24.0	03 58.77 +23 38.2 19.9	-1.13 - 3.7	1.5/24.6	65425
2002 CY ₃₁₀	2009 11 23.9	03 57.98 +23 36.4 19.8	-1.02 - 2.2	1.3/24.4	66129	2005 RA ₄₁	2009 11 24.0	03 58.77 +16 34.7 20.3	-1.04 - 2.2	1.9/23.5	65439
2007 BO ₄₆	2009 11 23.9	03 58.00 +09 16.2 20.1	-1.06 - 0.8	5.2/22.4	66267	2009 VW ₉	2009 11 24.0	03 58.84 +17 10.1 19.3	-0.90 - 0.4	1.2/23.6	65967
2004 GP ₃₁	2009 11 23.9	03 58.00 +21 13.3 20.5	-1.10 - 2.2	0.3/24.0	66171	2005 WB ₁₄₈	2009 11 24.0	03 58.86 +18 51.8 19.2	-1.00 - 4.4	0.6/23.8	66235
2009 UQ ₃₅	2009 11 23.9	03 58.07 +21 15.6 19.2	-1.04 - 3.6	0.3/24.1	65899	2002 AJ ₁₆₇	2009 11 24.0	03 58.86 +40 14.8 19.5	-1.20 - 3.8	7.3/27.5	58423
2005 QH ₃₃	2009 11 23.9	03 58.07 +22 03.7 21.0	-1.16 - 3.5	0.6/24.2	64247	2003 BQ ₇₄	2009 11 24.0	03 58.88 +23 39.9 19.9	-1.19 + 1.4	1.4/24.4	66148
2007 JQ ₁₇	2009 11 23.9	03 58.09 +16 13.9 20.4	-0.90 + 0.3	1.3/23.4	65566	2002 CO ₁₆₉	2009 11 24.1	03 58.80 -05 15.4 20.0	-0.91 - 1.5	8.2/19.7	31970
2009 UU ₃₄	2009 11 23.9	03 58.11 +21 34.1 19.8	-0.99 + 1.9	0.4/24.1	65898	2007 BZ ₄₁	2009 11 24.1	03 58.84 +32 29.9 20.6	-1.20 - 3.6	4.6/26.1	18190
2005 NZ ₁₅	2009 11 23.9	03 58.11 +17 10.0 21.5	-1.16 - 1.6	1.4/23.5	97786	2002 RE ₉₂	2009 11 24.1	03 58.84 +31 23.9 18.9	-1.25 - 0.9	5.1/25.6	66137
2008 JJ ₁₁	2009 11 23.9	03 58.11 +08 21.7 20.7	-1.03 - 2.7	4.8/22.1	41669	2003 EN ₃₂	2009 11 24.1	03 58.85 +34 05.9 19.9	-1.16 - 2.6	4.9/26.4	66149
2006 BH ₃₈	2009 11 23.9	03 58.11 +16 21.3 19.8	-0.91 - 2.7	1.5/23.3	65510	2000 VY ₄₄	2009 11 24.1	03 58.86 +38 12.0 19.6	-1.41 + 5.3	7.8/25.7	64879
2002 XO ₁₀₃	2009 11 23.9	03 58.13 +22 50.3 18.3	-0.95 - 9.8	1.2/24.5	65351	2007 EP ₁₀₇	2009 11 24.1	03 58.87 +34 02.1 20.8	-1.22 + 1.5	4.9/25.7	55312
2009 UL ₁₁₁	2009 11 23.9	03 58.17 +20 27.5 20.2	-1.08 - 0.5	0.0/23.9	65947	2001 SE ₃	2009 11 24.1	03 58.91 +17 20.2 18.3	-1.01 - 1.7	1.5/23.7	66105
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 SE ₂₉₀	2009 11 24.1	03 58.94 +03 28.8 20.4	-0.81 - 2.2	5.3/21.3	42654
2003 SK ₂₇₉	2009 11 23.9	03 58.18 +02 46.3 19.1	-0.84 - 0.1	6.7/21.5	66158	2003 WD ₅₅	2009 11 24.1	03 58.97 +27 18.5 20.4	-0.92 - 0.8	2.1/25.1	66165
2005 MR ₄	2009 11 23.9	03 58.18 +27 15.5 20.3	-1.20 - 5.6	2.8/25.2	65424	2004 HU ₅₆	2009 11 24.1	03 58.98 -13 08.8 20.5	-0.99 - 5.7	12.3/16.4	21812
2002 DU ₁₈	2009 11 23.9	03 58.22 +22 33.1 19.4	-1.13 + 1.6	0.8/24.2	65324	2005 YV ₁₆₀	2009 11 24.1	03 59.02 +03 25.9 20.5	-0.94 - 0.7	6.1/21.6	24477
2005 YH ₂₀₀	2009 11 23.9	03 58.22 +03 41.6 20.6	-0.99 + 0.3	6.0/21.6	96842	2008 SF ₂₃₆	2009 11 24.1	03 59.04 +16 32.4 19.7	-0.55 - 2.7	0.8/23.4	65604
2006 DT ₄₈	2009 11 23.9	03 58.22 +16 49.3 20.1	-0.93 - 2.4	1.4/23.4	66255	2007 EP ₁₁₂	2009 11 24.1	03 59.05 +10 53.4 20.7	-0.95 - 4.4	3.5/22.4	20855
2004 XK ₁₃₂	2009 11 23.9	03 58.23 +09 05.0 19.5	-0.90 + 0.6	3.9/22.5	65417	2006 BC ₈₃	2009 11 24.1	03 59.05 +09 32.5 20.9	-0.84 - 2.3	3.1/22.3	02275
2007 CH ₉	2009 11 23.9	03 58.27 +23 28.5 21.4	-1.10 - 3.2	1.1/24.4	47418	2000 SK ₂₈	2009 11 24.1	03 59.06 +15 08.9 18.2	-0.89 - 9.9	2.3/22.9	66095
2005 MR ₃₅	2009 11 23.9	03 58.33 +13 07.2 18.8	-1.04 - 0.2	3.7/23.0	66199	2007 DR ₃₀	2009 11 24.1	03 59.10 +12 57.7 21.7	-0.95 - 2.7	2.4/23.0	55306
2007 DR ₁₁₂	2009 11 23.9	03 58.34 +20 43.1 19.5	-1.02 - 1.7	0.1/24.0	66272	2004 TJ ₅₉	2009 11 24.1	03 59.12 +29 50.1 19.8	-1.09 + 0.5	3.9/25.3	66183
2008 PQ ₇	2009 11 23.9	03 58.37 +32 38.5 20.8	-1.06 - 4.8	3.8/26.3	50135	2003 XZ ₂₁	2009 11 24.1	03 59.14 +11 46.8 18.5	-1.29 - 1.2	4.1/23.1	66166
2007 GC ₁₈	2009 11 23.9	03 58.38 +25 49.1 20.8	-0.91 - 2.6	1.6/24.9	66280	2007 GC ₄₉	2009 11 24.1	03 59.15 +12 33.3 19.7	-0.90 - 5.5	2.9/22.6	65559
2002 ET ₁₀₅	2009 11 23.9	03 58.40 +21 56.3 19.5	-1.07 - 0.2	0.6/24.2	66130	2000 QH ₂₂₇	2009 11 24.1	03 59.17 +38 51.7 20.3	-1.20 - 3.5	6.4/27.6	55916
2004 GC ₇₇	2009 11 23.9	03 58.41 -07 31.7 21.6	-0.95 - 5.9	9.1/18.1	77782	2003 YU ₁₄₉	2009 11 24.1	03 59.18 +18 06.4 19.2	-0.84 + 0.2	0.7/23.8	66166
2004 RV ₃₃₉	2009 11 23.9	03 58.48 +32 27.8 19.2	-1.13 + 0.4	4.8/25.6	65401	2003 UK ₂₆₆	2009 11 24.1	03 59.19 +27 56.7 19.1	-0.94 0.0	2.2/25.2	66163
2004 RG ₆₃	2009 11 23.9	03 58.48 +41 09.1 19.6	-1.22 - 1.2	7.5/27.4	66177	2009 VL ₂₁	2009 11 24.1	03 59.22 +16 39.9 20.3	-1.10 - 1.7	1.6/23.6	65971
2008 GV ₁₁₉	2009 11 24.0	03 58.39 +19 17.5 20.8	-1.07 - 1.3	0.4/23.8	64331	2007 DT ₁₀₂	2009 11 24.1	03 59.27 +53 34.2 20.2	-2.22 + 8.6	13.9/24.4	20851
1998 US ₁	2009 11 24.0	03 58.40 +13 58.4 21.8	-1.08 - 5.0	2.2/22.9	39135	2006 AJ ₁₀₁	2009 11 24.2	03 59.22 +09 44.0 20.2	-0.91 - 2.0	3.9/22.5	65508
2002 PO ₇₈	2009 11 24.0	03 58.40 +16 44.5 20.4	-1.18 - 2.1	1.5/23.5	66134	2006 BV ₁₇	2009 11 24.2	03 59.26 +14 41.8 19.4	-0.93 - 2.2	2.2/23.3	66249
2003 SP ₂₀₀	2009 11 24.0	03 58.42 +06 44.2 18.3	-0.85 -12.8	4.8/20.4	66157	2006 DZ ₂₁₂	2009 11 24.2	03 59.28 +12 27.1 20.8	-0.86 - 2.9	2.7/22.8	66257
2007 DA ₁₁₁	2009 11 24.0	03 58.43 +29 21.3 21.6	-1.08 - 2.4	2.9/25.4	40457	2007 QO ₁₅	2009 11 24.2	03 59.35 +10 11.1 20.6	-0.54 - 1.6	1.9/22.4	66287
2005 XF ₁₀₂	2009 11 24.0	03 58.43 +06 05.9 20.1	-0.95 - 0.2	5.4/22.0	11152	2007 LN ₂	2009 11 24.2	03 59.35 +04 27.4 20.6	-0.81 - 0.4	4.4/21.9	41875
2007 FF ₃₈	2009 11 24.0	03 58.45 +39 25.2 20.9	-1.13 - 2.8	5.4/27.3	20861	2003 SN ₁₄₅	2009 11 24.2	03 59.37 +37 26.7 19.5	-1.06 - 1.0	5.5/26.9	66156
2005 SR ₁₂₄	2009 11 24.0	03 58.45 +30 42.0 19.3	-1.18 - 1.1	4.4/25.5	66211	2009 UR ₃₅	2009 11 24.2	03 59.40 +18 39.4 19.6	-0.98 - 6.6	0.7/23.9	65900
2004 XB	2009 11 24.0	03 58.46 +40 52.6 18.1	-1.48 -11.4	10.7/29.1	66190	2009 UC ₁₀₆	2009 11 24.2	03 59.42 +17 18.4 19.1	-1.07 - 7.9	1.4/23.6	65941
2005 YK ₁₄₁	2009 11 24.0	03 58.46 +30 16.2 20.2	-1.01 - 3.7	3.2/25.8	66243	1994 AD ₁₅	2009 11 24.2	03 59.43 +23 43.2 19.5	-1.02 - 2.9	1.4/24.8	66081
2004 XV ₃₅	2009 11 24.0	03 58.48 +17 04.7 19.1	-0.96 + 1.0	1.3/23.6	66191	2005 YW ₁₅₃	2009 11 24.2	03 59.47 +10 27.5 18.9	-0.93 + 3.4	5.2/23.2	65501

2005 TM ₁₀₈	2009 11 24.2	03 59.49 +15 21.8 21.0	-1.05	- 5.8	1.9/23.3	66217
2003 TR ₂₀	2009 11 24.2	03 59.50 +32 41.4 18.7	-0.94	- 3.8	4.5/26.5	66160
2005 TO ₈₆	2009 11 24.2	03 59.53 +21 25.0 19.9	-1.13	- 1.2	0.4/24.4	66217
2005 SV ₁₂₃	2009 11 24.2	03 59.56 +23 03.8 19.6	-1.05	- 1.3	1.2/24.6	66211
2004 XA ₁₂₃	2009 11 24.2	03 59.60 +12 10.4 19.5	-0.90	0.0	2.6/23.1	66193
2000 WM ₇₁	2009 11 24.2	03 59.60 +28 25.8 18.9	-1.01	- 7.8	3.1/26.0	66099
2009 SC ₁₀₃	2009 11 24.2	03 59.61 +27 58.2 19.0	-1.17	- 1.1	3.5/25.4	66355
2007 DZ ₄₉	2009 11 24.2	03 59.68 +17 34.6 20.7	-1.05	- 3.0	1.1/23.8	66271
2007 GK ₅₃	2009 11 24.2	03 59.69 +19 24.1 20.1	-0.97	- 3.4	0.4/24.1	65560
2004 RW ₁₃₄	2009 11 24.2	03 59.70 +21 09.7 20.1	-1.00	- 2.0	0.2/24.4	64224
2003 ST ₆₉	2009 11 24.3	03 59.64 +16 14.8 19.9	-0.84	- 3.4	1.3/23.6	66155
2007 CL ₅₂	2009 11 24.3	03 59.66 +18 43.2 18.9	-1.05	- 6.7	0.8/23.9	66269
2006 DL ₁₂	2009 11 24.3	03 59.67 +06 12.9 20.8	-0.77	- 2.3	3.7/21.9	01331
2004 JH ₁	2009 11 24.3	03 59.69 +18 23.0 21.0	-1.04	- 4.6	0.8/23.9	40124
2005 TA ₉₈	2009 11 24.3	03 59.69 +22 30.5 20.8	-1.09	- 3.6	0.7/24.6	22797
2005 YN ₁₇₇	2009 11 24.3	03 59.71 +39 06.2 22.4	-1.16	- 4.0	5.6/27.5	98063
2008 OJ	2009 11 24.3	03 59.74 +59 17.5 20.2	-1.47	- 4.2	10.6/04.3	47447
2009 VX ₉	2009 11 24.3	03 59.74 +16 45.6 19.6	-0.86	- 1.7	1.2/23.7	65967
2005 TN ₆₃	2009 11 24.3	03 59.76 +15 31.6 20.5	-1.10	- 4.6	2.1/23.5	97856
2005 UH ₂₁	2009 11 24.3	03 59.78 +25 31.0 20.1	-1.12	- 2.3	1.9/25.1	66219
2002 DD ₈	2009 11 24.3	03 59.81 +18 11.4 17.8	-1.17	+ 4.5	1.0/24.1	66129
2008 TD ₁₀₁	2009 11 24.3	03 59.84 +12 39.3 20.4	-0.54	- 2.7	1.6/22.9	66332
2003 RY ₁₀	2009 11 24.3	03 59.84 +54 23.8 19.8	-1.34	- 3.1	10.1/01.5	47255
2003 SL ₁₅₁	2009 11 24.3	03 59.86 +37 47.5 20.0	-1.16	+ 0.6	5.6/26.8	40117
2005 SO ₅₃	2009 11 24.3	03 59.86 +21 35.3 19.1	-1.04	- 5.0	0.4/24.5	66209
2002 CC ₁₃₉	2009 11 24.3	03 59.90 +11 19.1 18.2	-0.78	- 5.0	4.8/22.5	66127
2007 DQ ₉₀	2009 11 24.3	03 59.90 +29 55.6 20.9	-1.23	- 2.1	3.8/25.7	66272
2009 VJ ₇₂	2009 11 24.3	03 59.91 +12 39.7 18.7	-1.00	+ 3.6	4.0/23.6	66001
2007 CP ₃₄	2009 11 24.3	03 59.92 +08 35.4 20.0	-1.09	+ 0.6	5.6/22.9	66269
2006 HS ₁₀₄	2009 11 24.3	03 59.95 +12 55.6 20.1	-0.87	+ 0.6	2.1/23.4	65524
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 EB ₇₂	2009 11 24.3	04 00.06 +24 36.3 22.2	-1.06	- 1.8	1.3/25.0	57123
2006 BC ₁₁₀	2009 11 24.3	04 00.07 +11 03.9 21.7	-0.81	- 1.6	2.4/22.9	97064
2006 BY ₂₇₅	2009 11 24.3	04 00.12 +14 32.9 21.3	-0.80	- 1.6	1.6/23.5	66253
2005 SQ ₁₃₈	2009 11 24.3	04 00.13 +21 29.3 20.8	-1.12	- 2.1	0.4/24.5	62435
1998 QN	2009 11 24.3	04 00.14 +45 05.0 18.5	-1.33	- 8.3	12.1/01.0	66084
2009 VR ₁	2009 11 24.3	04 00.14 +17 30.1 20.5	-0.88	- 1.9	1.1/23.9	65963
2003 QC ₁₅	2009 11 24.3	04 00.15 +10 15.4 20.5	-0.84	- 3.8	3.3/22.6	66153
2004 FA ₁₁₁	2009 11 24.4	04 00.07 +30 58.8 19.5	-1.24	- 0.9	4.0/25.8	66170
2002 CO ₁₃	2009 11 24.4	04 00.15 +05 36.1 19.8	-0.92	- 2.1	5.1/22.0	66125
2005 UG ₅₁₄	2009 11 24.4	04 00.16 +13 31.5 20.7	-1.04	- 4.3	2.7/23.2	66229
2005 ST ₆₇	2009 11 24.4	04 00.22 +19 10.4 19.7	-0.99	- 4.0	0.7/24.2	66210
2008 SE ₁₆	2009 11 24.4	04 00.23 +30 18.9 21.1	-1.01	- 2.9	2.9/26.1	49045
2000 CA ₂₄	2009 11 24.4	04 00.27 +33 52.0 19.5	-0.96	- 3.1	3.9/26.7	66091
2007 DL ₅₁	2009 11 24.4	04 00.31 +24 26.6 20.2	-1.13	- 2.5	1.5/25.0	64308
2005 YK ₇₇	2009 11 24.4	04 00.32 +14 57.9 20.3	-0.98	- 0.8	2.0/23.7	65497
2007 DT ₅₄	2009 11 24.4	04 00.35 +13 43.2 20.5	-0.98	- 3.2	2.5/23.4	66271
2008 OY ₆	2009 11 24.4	04 00.35 +23 12.9 21.4	-0.87	- 4.1	0.7/24.9	46589
2003 UF ₃₁₆	2009 11 24.4	04 00.38 +23 36.8 19.5	-0.86	- 3.3	1.1/25.0	66164
2004 TV ₆₄	2009 11 24.4	04 00.40 +23 04.5 19.6	-1.00	- 1.3	0.9/24.8	66184
2002 CT ₂₅₅	2009 11 24.4	04 00.43 -33 37.3 19.8	-0.89	- 1.1	21.2/08.0	65323

2005 NL ₁₂₃	2009 11 24.4	04 00.45 +16 36.0 19.4	-1.06	- 3.7	1.9/23.8	66201
2009 WN ₈₄	2009 11 24.4	04 00.46 +27 29.7 20.7	-1.21	- 2.3	2.7/25.5	66020
2009 VD ₇₇	2009 11 24.4	04 00.46 +04 35.2 18.8	-0.58	+ 0.4	3.1/22.1	66004
2003 WW ₈₁	2009 11 24.4	04 00.46 +30 41.3 19.4	-0.92	- 3.6	3.2/26.3	66165
2008 RD ₈	2009 11 24.4	04 00.46 +07 19.3 20.7	-0.78	- 4.1	3.7/22.0	49038
2004 RV ₇₅	2009 11 24.4	04 00.49 +29 27.1 19.6	-1.09	- 0.5	3.4/25.7	66177
2004 RP ₁₅₇	2009 11 24.4	04 00.50 +37 12.0 20.1	-1.12	- 3.8	6.1/27.5	66178
2007 RM ₂₅₅	2009 11 24.4	04 00.54 +20 16.3 20.6	-0.56	- 2.0	0.1/24.4	66288
2004 EF ₃₆	2009 11 24.4	04 00.57 +14 52.2 20.6	-1.06	- 4.6	2.0/23.5	66169
2004 XT ₁₆₀	2009 11 24.5	04 00.53 +44 22.9 19.7	-1.05	- 7.0	9.7/30.1	77796
2005 VL ₁₃₀	2009 11 24.5	04 00.54 +19 10.2 20.6	-1.06	+ 2.8	0.7/24.4	21850
2001 XH ₂₃	2009 11 24.5	04 00.58 +28 21.7 18.5	-1.02	- 1.6	3.9/25.7	66117
2000 OR ₁₀	2009 11 24.5	04 00.59 +37 42.7 18.6	-1.24	- 6.8	6.7/28.3	66093
2005 OY ₅	2009 11 24.5	04 00.65 +31 12.1 19.3	-1.22	- 3.8	4.5/26.3	66201
2008 QE ₂₆	2009 11 24.5	04 00.68 +41 26.9 20.2	-1.22	- 1.7	6.6/27.9	59812
2002 AC ₁₃₁	2009 11 24.5	04 00.69 +42 58.6 18.8	-1.22	- 3.7	7.7/28.6	66124
2006 DX ₅	2009 11 24.5	04 00.70 +09 38.5 21.2	-0.90	- 2.5	3.3/22.7	04369
2007 EC ₁₁	2009 11 24.5	04 00.71 +22 32.4 20.8	-1.14	- 2.4	0.8/24.8	66273
2006 BT ₂₀₇	2009 11 24.5	04 00.71 +05 30.9 19.2	-0.89	- 4.1	6.0/21.7	66252
2006 BA ₂₄₈	2009 11 24.5	04 00.72 +16 23.5 20.0	-0.91	- 2.0	1.5/23.9	65516
2004 RH ₈₇	2009 11 24.5	04 00.73 +41 46.3 19.5	-1.11	- 4.3	8.9/28.9	59732
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
2009 WK ₈₄	2009 11 24.5	04 00.79 +26 30.2 20.0	-0.98	- 5.4	1.9/25.7	66020
2002 NJ ₁₄	2009 11 24.5	04 00.80 +31 05.0 20.5	-0.89	- 3.4	2.7/26.5	47218
2005 SQ ₁₅₄	2009 11 24.5	04 00.83 +20 31.5 20.7	-1.09	- 4.0	0.0/24.5	65447
2002 AM ₈₀	2009 11 24.5	04 00.86 +26 41.8 19.6	-1.02	- 3.5	2.8/25.6	65322
2003 SU ₂₇₇	2009 11 24.5	04 00.87 +19 04.4 18.7	-0.83	- 6.8	0.6/24.3	65370
2007 CO ₆₀	2009 11 24.5	04 00.87 +20 31.6 18.9	-1.17	+ 1.4	0.0/24.6	66269
2009 VJ ₁₇	2009 11 24.5	04 00.88 +26 33.7 19.6	-0.96	- 1.0	2.2/25.5	65969
2008 SL ₉₁	2009 11 24.5	04 00.89 +17 00.5 19.9	-0.56	- 2.4	0.7/23.9	66326
2008 HF ₂₈	2009 11 24.5	04 00.90 +27 23.8 21.7	-1.23	- 2.5	2.6/25.6	40017
2005 YK ₂₄₅	2009 11 24.5	04 00.92 +15 16.7 20.0	-1.00	0.0	2.0/23.9	66245
2007 EO ₁₄	2009 11 24.5	04 00.92 +15 08.2 20.1	-1.09	- 1.9	2.3/23.8	66273
1997 EJ ₁	2009 11 24.5	04 00.93 +28 03.4 21.1	-0.98	- 3.8	2.4/25.9	66083
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 AV ₁₇₂	2009 11 24.5	04 00.94 +13 47.3 18.8	-0.99	+ 0.4	3.1/23.7	65322
2009 VE ₇₇	2009 11 24.5	04 00.97 +06 38.6 19.0	-0.85	- 1.0	5.0/22.5	66004
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 20.4	-0.88	- 2.2	0.3/24.8	66159
2008 RH ₈₂	2009 11 24.5	04 01.02 +39 38.7 20.0	-1.13	- 2.8	6.2/27.8	56132
2000 BC ₅₂	2009 11 24.6	04 00.99 +05 57.5 20.5	-0.56	- 0.7	2.9/22.2	64151
2002 QO ₁₃₂	2009 11 24.6	04 01.05 +12 02.6 20.5	-0.87	- 1.5	2.5/23.3	55080
2009 UJ ₃₅	2009 11 24.6	04 01.09 +18 48.6 19.8	-1.01	- 3.3	0.7/24.3	65899
2006 BS ₁₃₀	2009 11 24.6	04 01.13 +27 07.2 20.8	-0.89	- 2.3	1.8/25.7	66251
2005 UB ₄₂₇	2009 11 24.6	04 01.15 +20 55.6 20.3	-1.11	- 2.3	0.1/24.7	66227
2004 GA ₁₉	2009 11 24.6	04 01.16 +04 34.5 20.7	-1.08	- 0.4	6.1/22.5	40123
2007 HH ₇₆	2009 11 24.6	04 01.16 +22 30.2 20.3	-0.99	- 0.6	0.6/24.9	66284
2008 UR ₅₉	2009 11 24.6	04 01.17 +36 42.0 20.2	-0.68	- 1.7	3.3/27.6	55524
2009 WW ₄₁	2009 11 24.6	04 01.17 +12 41.5 19.6	-0.97	- 3.1	3.2/23.4	66015

2002 QS ₆₄	2009 11 24.6	04 01.17 +39 18.0 21.8	-1.00 - 1.7	4.7/27.7	47225
2004 QO ₆	2009 11 24.6	04 01.18 +38 14.6 20.0	-1.21 - 1.5	6.1/27.3	59729
2009 VV ₄₁	2009 11 24.6	04 01.19 +16 24.6 19.2	-0.94 - 3.3	1.9/24.0	65985
2003 SM ₁₂₉	2009 11 24.6	04 01.20 +13 32.7 20.3	-0.86 - 2.6	2.2/23.5	66156
2003 BT ₈₉	2009 11 24.6	04 01.23 +02 26.7 19.6	-0.97 - 5.1	7.2/21.2	66148
2003 TK ₃₅	2009 11 24.6	04 01.23 +26 18.6 19.8	-0.90 - 3.1	1.8/25.6	66160
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 19.4	-0.84 - 6.9	1.6/23.6	66261
2005 UB ₁₆₁	2009 11 24.6	04 01.28 +10 03.6 18.8	-0.94 + 2.0	5.5/23.5	66222
2007 KA ₄	2009 11 24.6	04 01.30 +10 08.0 19.5	-0.88 + 0.2	3.5/23.3	66286
2006 HE ₆₅	2009 11 24.6	04 01.34 +16 29.4 21.4	-0.82 - 3.2	1.2/24.0	66260
2004 TX ₂₂₅	2009 11 24.6	04 01.36 +14 01.2 19.8	-0.91 - 3.3	2.5/23.6	66186
2006 BZ ₁₅₆	2009 11 24.6	04 01.37 +30 43.7 21.0	-0.99 - 1.7	3.2/26.2	66252
2009 VX ₃₈	2009 11 24.6	04 01.39 +23 12.0 19.6	-1.23 - 5.7	1.2/25.1	65982
2009 WS ₈₄	2009 11 24.6	04 01.41 +29 22.3 20.7	-1.08 - 1.1	3.2/26.0	66020
2005 YG ₁₄₄	2009 11 24.7	04 01.34 +32 46.9 20.3	-1.05 - 4.3	4.7/26.9	41233
2009 UJ ₁₀₆	2009 11 24.7	04 01.40 +21 30.5 19.3	-1.03 - 3.1	0.4/24.9	65941
2001 XA ₅₀	2009 11 24.7	04 01.40 +20 31.7 19.1	-1.04 - 3.0	0.0/24.7	66118
2005 NJ ₇₇	2009 11 24.7	04 01.43 +11 30.4 20.8	-1.07 - 4.5	3.7/23.2	66200
2005 QV ₁₄₁	2009 11 24.7	04 01.47 +11 28.5 20.5	-1.04 - 4.5	3.4/23.2	66206
2005 UP ₃₆₁	2009 11 24.7	04 01.49 +19 35.7 20.5	-1.06 - 2.6	0.5/24.6	66226
2005 QD ₁₈₀	2009 11 24.7	04 01.51 +21 21.7 20.1	-1.12 - 5.4	0.3/24.9	65437
2004 VE ₃₅	2009 11 24.7	04 01.54 +17 24.0 20.5	-0.92 - 1.8	1.1/24.3	66189
2005 YD ₂₂₈	2009 11 24.7	04 01.54 +31 04.4 20.7	-1.05 - 2.8	3.5/26.4	66245
2004 XM ₄₁	2009 11 24.7	04 01.55 -00 50.2 19.4	-0.90 + 2.9	7.1/22.6	66191
2000 GV ₁₉	2009 11 24.7	04 01.55 +30 20.7 20.2	-1.20 - 1.3	3.7/26.1	66092
2005 SM ₁₂	2009 11 24.7	04 01.56 +19 59.8 18.3	-1.04 - 6.5	0.3/24.6	66208
2004 DO ₃₃	2009 11 24.7	04 01.56 +10 22.5 20.1	-1.05 - 2.7	3.7/23.2	66168
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	66133
2004 SO ₁₆	2009 11 24.7	04 01.57 -31 51.2 19.5	-0.88 - 5.1	18.6/08.0	66182
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 RS ₂₅	2009 11 24.7	04 01.59 +21 05.7 19.0	-0.87 - 7.2	0.1/24.8	65361
2006 DQ ₁₁₂	2009 11 24.7	04 01.61 +28 24.9 19.9	-0.92 - 2.6	2.4/26.1	66256
2003 FG ₁₁₅	2009 11 24.7	04 01.61 +14 55.1 20.4	-0.98 - 0.7	1.8/24.0	66151
2003 QA ₈₀	2009 11 24.7	04 01.64 +40 35.4 18.9	-1.15 - 1.2	6.8/28.1	66154
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 01.71 +14 05.3 20.4	-0.95 - 4.4	2.2/23.6	66279
2004 YO ₁₈	2009 11 24.7	04 01.72 +28 41.6 20.3	-0.90 - 3.7	2.4/26.2	65418
2004 XA ₂₅	2009 11 24.7	04 01.75 +16 18.5 18.4	-0.90 - 1.4	1.8/24.2	65413
2001 TA ₁₉₃	2009 11 24.7	04 01.76 +30 52.3 17.4	-1.05 - 2.0	4.9/26.4	66110
2006 FU ₂₀	2009 11 24.7	04 01.80 +22 37.1 20.7	-0.86 - 1.7	0.6/25.1	66258
2006 DD ₉₃	2009 11 24.7	04 01.80 +19 53.5 20.6	-0.86 - 2.8	0.2/24.7	65519
2006 BM ₁₅₈	2009 11 24.7	04 01.83 +15 07.1 21.4	-0.85 - 2.5	1.7/23.9	66252
2001 YR ₇₂	2009 11 24.8	04 01.76 +34 53.0 17.9	-1.12 - 8.6	5.9/28.1	66121
2000 QA ₆₂	2009 11 24.8	04 01.80 -05 52.3 18.7	-0.93 + 0.1	11.2/21.7	66094
2003 JS ₁	2009 11 24.8	04 01.80 +09 58.2 20.7	-0.93 - 4.7	3.6/22.9	66152
2009 VQ ₄₃	2009 11 24.8	04 01.80 +12 50.4 18.2	-1.02 + 2.7	4.2/24.1	65987
2008 OO ₁₀	2009 11 24.8	04 01.80 +08 51.3 20.2	-0.85 - 0.9	3.6/23.2	66321
2004 RK ₃₁₀	2009 11 24.8	04 01.81 +27 53.1 20.1	-1.03 - 1.9	2.6/25.9	66181
2007 BY ₂₉	2009 11 24.8	04 01.81 +13 20.6 19.6	-1.08 - 1.8	3.0/23.8	66267

2000 XO ₁₅	2009 11 24.8	04 01.83 +21 19.4 18.6	-0.96 - 6.4	0.3/24.9	66099
2000 SM ₃₁	2009 11 24.8	04 01.84 +18 04.0 20.1	-1.00 - 3.4	1.0/24.4	66095
2007 GE ₁₉	2009 11 24.8	04 01.84 +31 10.5 18.9	-1.22 + 1.9	4.0/25.9	66280
2004 EE ₁₀	2009 11 24.8	04 01.85 +26 39.9 20.3	-1.17 - 3.3	2.3/25.8	66169
2001 KF ₃₃	2009 11 24.8	04 01.86 +16 55.3 20.8	-0.83 - 2.0	1.1/24.2	66102
2005 XY ₃₆	2009 11 24.8	04 01.87 +26 01.7 20.5	-1.03 - 2.8	2.1/25.7	66237
2000 DS ₃₂	2009 11 24.8	04 01.87 +16 24.4 20.8	-1.10 - 3.6	1.8/24.1	66091
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 LF ₂₂	2009 11 24.8	04 01.88 +10 26.8 22.0	-0.79 - 4.9	2.6/22.9	46561
2006 BC ₁₈	2009 11 24.8	04 01.88 +06 58.8 20.3	-0.96 - 1.3	5.3/22.8	01227
2001 WV ₉	2009 11 24.8	04 01.94 +09 09.1 18.6	-1.10 + 4.0	5.1/24.0	66116
2004 FE ₆₇	2009 11 24.8	04 01.95 +27 18.9 20.3	-1.22 - 0.5	2.6/25.7	65386
2009 UC ₃₅	2009 11 24.8	04 01.97 +21 25.3 19.5	-0.94 - 1.1	0.3/24.9	65898
2007 CC ₅₀	2009 11 24.8	04 02.03 +39 02.0 18.8	-1.28 - 0.9	6.7/28.0	42869
2008 FT ₆₈	2009 11 24.8	04 02.06 +18 09.6 20.4	-1.15 - 2.1	1.0/24.5	40559
1999 XN ₂₂₃	2009 11 24.8	04 02.06 +08 39.9 20.4	-0.88 0.0	3.9/23.2	99931
2004 NV ₃₃	2009 11 24.8	04 02.07 +14 28.4 20.1	-1.04 + 0.3	2.1/24.1	66174
2006 CW ₅₇	2009 11 24.8	04 02.08 +23 58.3 20.3	-1.01 - 2.6	1.3/25.4	66254
2006 FN ₃₄	2009 11 24.8	04 02.12 +06 15.7 20.2	-0.81 - 5.9	3.8/21.9	66258
2005 TD ₁₅₆	2009 11 24.8	04 02.12 +17 14.0 19.8	-1.04 - 5.7	1.4/24.2	66218
1999 UH ₂₉	2009 11 24.8	04 02.15 +29 18.2 20.1	-1.09 + 0.4	3.0/26.0	66089
2004 TH ₁₃₆	2009 11 24.8	04 02.19 +28 38.0 19.1	-0.99 - 5.1	3.2/26.4	65405
2009 VJ ₄₅	2009 11 24.8	04 02.23 +29 09.3 19.8	-0.97 - 0.2	2.7/26.1	65990
2000 QG ₂₁₄	2009 11 24.8	04 02.25 +42 50.5 19.6	-1.31 0.0	8.8/28.2	58402
2002 RR ₂₄₈	2009 11 24.8	04 02.28 +11 21.6 19.6	-1.02 - 3.4	4.6/23.4	65338
2006 EZ ₇₁	2009 11 24.9	04 02.19 +22 09.2 20.6	-0.89 - 2.3	0.5/25.1	66258
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
2001 SA ₃₄₃	2009 11 24.9	04 02.26 +34 36.3 19.4	-1.13 - 8.8	5.7/28.0	66108
2005 NV ₄₅	2009 11 24.9	04 02.26 +22 10.0 20.4	-1.15 - 4.0	0.6/25.2	66200
2007 CZ ₂₅	2009 11 24.9	04 02.28 +23 22.8 19.7	-1.13 - 4.5	1.2/25.4	65542
2008 LM ₈	2009 11 24.9	04 02.29 +02 51.7 19.4	-1.05 + 4.5	7.9/23.8	66320
2003 SR ₂₈₈	2009 11 24.9	04 02.30 +23 18.3 19.2	-0.94 + 0.9	1.1/25.2	66158
2004 NO ₁₂	2009 11 24.9	04 02.31 +30 39.6 20.3	-1.12 - 2.7	3.7/26.5	66174
2004 TO ₃₃₅	2009 11 24.9	04 02.35 +17 16.3 20.1	-0.89 - 5.1	1.2/24.3	66188
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 19.8	-1.06 - 1.1	0.7/24.7	66234
2005 UX ₄₁₁	2009 11 24.9	04 02.45 +18 19.9 20.2	-1.10 + 1.1	0.9/24.7	65469
2009 UF ₁₃₆	2009 11 24.9	04 02.46 +13 13.4 19.1	-0.87 - 8.7	2.8/23.3	65957
2008 RR ₁₀₉	2009 11 24.9	04 02.49 -08 39.8 21.2	-0.73 - 4.4	7.1/18.9	46700
2009 VF ₈₅	2009 11 24.9	04 02.50 +18 46.1 20.6	-1.08 - 1.5	0.8/24.7	66005
2002 AV ₇₁	2009 11 24.9	04 02.50 +06 08.3 18.7	-1.07 + 3.1	6.0/23.5	66123
2002 FN ₃₅	2009 11 24.9	04 02.52 +41 53.1 19.6	-1.20 - 2.7	7.8/28.5	47210
2009 VN ₂₁	2009 11 24.9	04 02.54 +15 47.9 19.8	-0.85 - 5.2	1.6/24.1	65971
2007 EE ₂₈	2009 11 24.9	04 02.56 +18 25.3 21.2	-1.06 - 3.7	0.8/24.6	56089
2001 SL ₂₄₁	2009 11 24.9	04 02.58 +13 02.0 19.7	-1.00 - 4.1	2.8/23.7	66107
2005 SW ₂₇₁	2009 11 24.9	04 02.59 +31 04.4 20.6	-1.19 - 1.6	4.5/26.5	66215
1995 UO ₅₈	2009 11 24.9	04 02.59 +19 14.5 19.5	-1.12 - 5.2	0.6/24.7	66082
2001 QG ₂₂₂	2009 11 24.9	04 02.60 +14 43.6 19.6	-1.03 - 5.2	2.2/23.9	66104
2008 QT ₃₀	2009 11 24.9	04 02.60 +25 31.9 19.4	-0.84 - 4.0	1.5/25.9	66322

2009 UQ ₁₃₁	2009 11 24.9	04 02.63 -00 30.7 19.3	-0.94 - 1.5	8.5/21.8	65955
2009 UW ₁₀₂	2009 11 24.9	04 02.65 +21 00.8 17.4	-0.85 -13.0	0.1/25.1	65939
2006 GY ₂₉	2009 11 24.9	04 02.66 +05 00.7 19.8	-0.82 + 0.2	4.1/22.8	66259
2005 NM ₁₂₃	2009 11 24.9	04 02.66 +15 08.5 19.3	-1.06 - 2.2	2.7/24.2	66201
2005 TT ₁₁₅	2009 11 25.0	04 02.63 +20 57.6 19.1	-0.98 - 3.8	0.1/25.0	66217
2007 GO ₂₄	2009 11 25.0	04 02.64 +17 53.4 20.7	-0.92 - 0.5	0.8/24.6	22886
2008 HE ₃₈	2009 11 25.0	04 02.65 +16 26.1 19.6	-1.14 + 2.2	1.6/24.6	65588
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 TC ₁₈₆	2009 11 25.0	04 02.68 +17 53.9 20.6	-1.06 - 3.7	1.2/24.6	66218
2003 UD ₃₇₂	2009 11 25.0	04 02.71 +16 17.9 19.5	-0.85 - 6.8	1.6/24.1	65379
2005 TO ₁₁₆	2009 11 25.0	04 02.71 +24 02.4 21.0	-1.15 - 3.3	1.3/25.5	66217
2006 CM ₂₆	2009 11 25.0	04 02.72 +28 13.9 19.4	-1.07 - 3.8	3.0/26.3	66254
2003 UQ ₂₇	2009 11 25.0	04 02.73 +26 29.2 18.7	-1.03 + 2.5	2.1/25.6	66161
2007 HW ₂₇	2009 11 25.0	04 02.74 +21 03.6 21.0	-0.87 - 0.9	0.1/25.1	66283
2005 PF ₁	2009 11 25.0	04 02.76 +09 47.2 19.0	-1.07 + 0.3	5.1/23.8	65426
2005 WR ₆₂	2009 11 25.0	04 02.79 +11 38.6 18.8	-0.97 - 0.4	4.3/23.9	66233
2007 DM ₁₁₂	2009 11 25.0	04 02.79 +07 30.9 21.7	-0.86 - 4.8	4.0/22.6	40709
2009 WB ₇₃	2009 11 25.0	04 02.80 +16 55.9 19.8	-0.85 - 4.5	1.2/24.4	66018
2002 CX ₁₃₉	2009 11 25.0	04 02.83 +23 56.0 19.7	-1.02 - 4.2	1.2/25.6	66127
2009 UK ₃₅	2009 11 25.0	04 02.83 +16 51.5 19.6	-1.02 - 6.5	1.9/24.3	66378
2003 TM ₁₆	2009 11 25.0	04 02.84 +39 36.4 18.8	-1.14 + 1.7	6.4/27.4	66160
2007 FA ₁₃	2009 11 25.0	04 02.85 +27 04.2 20.3	-0.99 - 5.1	2.0/26.2	66279
2004 TY ₂₀₀	2009 11 25.0	04 02.92 +12 03.1 19.6	-0.89 - 4.5	3.2/23.5	66186
2009 UY ₃₉	2009 11 25.0	04 02.98 +21 42.9 19.9	-0.98 - 3.1	0.4/25.2	65904
2007 EZ ₁₂	2009 11 25.0	04 02.99 +21 39.8 19.2	-1.14 - 1.6	0.4/25.2	66273
2002 TS ₃₅₀	2009 11 25.0	04 03.04 +00 06.7 20.5	-0.77 - 5.1	6.1/20.9	66142
2009 VC ₅₂	2009 11 25.0	04 03.06 +18 27.9 19.0	-1.11 - 0.3	1.1/24.8	65993
2004 TW ₃₃₂	2009 11 25.0	04 03.09 +19 39.6 20.2	-0.92 - 3.0	0.4/24.9	66188
2002 AQ ₃₈	2009 11 25.1	04 03.07 -02 12.7 18.5	-0.94 + 5.8	11.7/23.8	66123
2005 MH ₁₅	2009 11 25.1	04 03.07 +23 00.1 19.8	-1.13 - 5.2	1.0/25.5	66199
2007 HY ₆₄	2009 11 25.1	04 03.12 +25 53.6 19.3	-1.01 + 0.4	1.7/25.8	66284
2004 PP ₉₅	2009 11 25.1	04 03.12 +16 22.6 19.9	-1.03 - 0.5	1.5/24.6	66175
2006 BJ ₂₁₀	2009 11 25.1	04 03.15 +34 34.5 20.2	-1.04 - 3.3	4.4/27.5	47384
2009 UG ₇₉	2009 11 25.1	04 03.15 +18 18.6 19.8	-0.99 - 2.6	1.2/24.8	65922
2004 RY ₁₉₅	2009 11 25.1	04 03.16 +35 41.7 19.3	-1.07 - 3.7	5.9/27.8	66179
2005 YA ₉₈	2009 11 25.1	04 03.21 +06 05.3 20.6	-0.99 + 1.8	5.1/23.6	40699
2004 RQ ₃₂₇	2009 11 25.1	04 03.22 +19 20.3 19.4	-0.94 - 6.9	0.5/24.9	65400
2005 YJ ₃₉	2009 11 25.1	04 03.27 +12 48.0 18.9	-0.91 - 4.9	3.7/23.7	66240
2005 YA ₆₂	2009 11 25.1	04 03.29 +04 11.6 19.2	-1.04 + 5.0	7.4/23.9	65496
2004 EO ₃₆	2009 11 25.1	04 03.36 +30 45.2 19.4	-1.25 - 2.4	4.4/26.6	66169
2005 NR ₇₄	2009 11 25.1	04 03.38 +31 12.5 19.6	-1.16 - 6.4	4.9/27.2	66200
2005 XV ₈₃	2009 11 25.1	04 03.42 +08 47.2 18.6	-1.04 + 3.8	5.2/24.1	66239
2004 DS ₆₁	2009 11 25.1	04 03.43 +23 40.9 21.3	-0.73 - 1.6	0.7/25.7	24441
2008 PU ₁₂	2009 11 25.1	04 03.47 +10 00.2 19.9	-0.88 - 1.8	3.6/23.6	66322
2006 CV ₅₈	2009 11 25.1	04 03.51 +03 51.0 18.4	-0.81 + 3.3	9.1/23.7	66254
2009 VU ₂₁	2009 11 25.1	04 03.51 +16 43.6 19.8	-0.96 - 0.3	1.7/24.7	65971
2005 YJ ₁₇₆	2009 11 25.1	04 03.55 +14 43.6 19.8	-0.97 - 0.4	2.6/24.4	66244
1999 LW ₁₂	2009 11 25.2	04 03.47 +08 59.0 20.3	-1.01 + 1.0	3.8/23.9	59649
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 19.4	-1.12 + 2.8	3.2/26.2	66160
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	66321
2009 VB ₅₂	2009 11 25.2	04 03.54 +17 51.3 19.2	-0.84 - 5.8	1.1/24.7	65993
2004 PL ₉₅	2009 11 25.2	04 03.55 +22 52.4 20.3	-1.02 - 4.9	0.7/25.6	66175
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 03.59 +15 39.6 19.2	-0.94 - 3.0	2.5/24.4	66108
2005 AQ ₃₈	2009 11 25.2	04 03.62 +20 56.4 19.0	-0.88 - 4.6	0.1/25.3	65420
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 19.3	-1.00 - 2.2	0.8/25.5	66242
2002 UK ₁₆	2009 11 25.2	04 03.69 +12 25.6 18.9	-1.02 + 0.1	4.3/24.2	66142
2000 AV ₉₄	2009 11 25.2	04 03.73 +29 46.2 19.6	-1.21 - 4.6	4.0/26.7	66090
2001 TO ₂₁₉	2009 11 25.2	04 03.73 +28 34.8 19.9	-1.12 - 4.4	3.2/26.6	66111
2005 UJ ₃₀₂	2009 11 25.2	04 03.74 +12 41.0 19.3	-0.99 - 2.0	3.4/24.1	66225
2000 SD ₃₁₅	2009 11 25.2	04 03.74 +31 31.1 18.8	-1.05 - 7.1	4.1/27.5	66097
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 18.3	-1.57 -14.1	11.6/02.0	66261
2005 QX ₉₆	2009 11 25.2	04 03.83 +09 21.0 19.2	-1.00 - 1.2	5.6/23.7	66205
2006 BY ₉₇	2009 11 25.2	04 03.83 +27 56.1 19.5	-1.10 + 0.8	2.7/26.1	66251
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 08.1 20.0	-1.02 - 7.9	0.9/24.8	66221
2007 BR ₂₉	2009 11 25.2	04 03.95 +15 13.8 20.2	-1.10 - 2.2	2.1/24.5	66267
2007 ET ₃₄	2009 11 25.2	04 03.96 +17 37.7 20.7	-1.08 - 2.0	1.2/24.8	19386
2009 WX ₁₅	2009 11 25.2	04 03.98 +18 10.6 19.4	-1.11 - 0.6	1.1/25.0	66010
2005 SD ₆₃	2009 11 25.3	04 03.90 +08 14.5 19.4	-0.97 - 5.4	5.6/23.0	66209
2007 EM ₃₄	2009 11 25.3	04 03.94 +15 58.8 20.0	-1.07 - 2.0	1.9/24.6	65550
2000 EX ₂₀₂	2009 11 25.3	04 03.97 +07 59.4 21.4	-0.79 - 5.3	4.1/22.9	57766
2004 NC ₃₀	2009 11 25.3	04 04.01 +14 30.2 20.5	-1.00 - 3.9	2.2/24.3	66174
2008 OY ₁₂	2009 11 25.3	04 04.01 +08 28.8 20.0	-0.91 - 2.0	4.2/23.5	66321
2004 EG ₁₀₂	2009 11 25.3	04 04.04 +20 57.9 20.5	-1.14 - 2.4	0.1/25.4	66170
2003 SF ₂₃₄	2009 11 25.3	04 04.07 +26 29.0 20.0	-0.96 - 0.1	1.8/26.1	65368
2007 CP ₂₃	2009 11 25.3	04 04.07 +31 17.0 19.5	-1.19 - 5.6	4.9/27.2	66268
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 WL ₇	2009 11 25.3	04 04.10 +26 38.4 20.2	-1.08 - 3.8	2.1/26.3	66231
2005 YZ ₁₅₉	2009 11 25.3	04 04.14 +21 41.3 19.9	-0.93 - 4.1	0.3/25.5	66244
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 ₁	2009 11 25.3	04 04.17 +36 23.3 17.9	-1.06 -12.3	5.5/29.5	66160
2005 XD ₁₁₃	2009 11 25.3	04 04.20 +01 08.7 19.7	-1.15 + 3.7	6.1/23.5	02263
2006 BT ₂₈₀	2009 11 25.3	04 04.22 +27 41.5 20.8	-1.02 - 2.3	2.7/26.4	65516
2004 TJ ₃₀₁	2009 11 25.3	04 04.25 +27 05.2 18.5	-0.95 - 8.4	2.3/26.7	66187
2007 EV ₂₁	2009 11 25.3	04 04.25 +21 47.1 20.5	-0.91 - 1.5	0.3/25.5	66280
2007 GW 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
2009 UP ₁₃₀	2009 11 25.3	04 04.30 +18 53.2 18.8	-1.00 + 1.8	0.9/25.2	65954
2001 XA ₂₂₁	2009 11 25.3	04 04.31 +20 38.7 19.3	-1.12 - 0.3	0.1/25.4	66120
2001 ST ₇₇	2009 11 25.3	04 04.31 +18 29.7 20.6	-1.06 - 3.1	0.8/25.0	66106
2006 BO ₁₇₉	2009 11 25.3	04 04.33 +04 35.0 20.7	-0.80 - 1.4	4.4/23.0	47383
2007 EH ₁₄₄	2009 11 25.3	04 04.34 +17 41.7 20.9	-1.01 - 2.2	1.1/24.9	66276
2006 HV ₇₇	2009 11 25.3	04 04.35 +32 23.3 20.9	-0.96 - 0.3	3.2/27.0	02330
2005 YR ₁₇₈	2009 11 25.3	04 04.38 +21 08.3 20.7	-1.00 - 1.0	0.1/25.4	66244
2007 FX ₂₄	2009 11 25.3	04 04.38 +21 12.8 20.1	-1.04 - 2.6	0.2/25.5	66279

2007 EN ₂₁₃	2009 11 25.3	04 04.38 +27 29.9 21.4	-0.96	- 1.4	2.0/26.4	66278
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
2005 UB ₉₁	2009 11 25.4	04 04.35 +25 01.2 20.0	-1.08	- 4.7	1.6/26.1	66221
2004 QQ ₇	2009 11 25.4	04 04.39 +24 37.6 20.7	-1.02	- 2.6	1.3/26.0	64222
2003 SU ₄₀₄	2009 11 25.4	04 04.39 +22 30.5 20.0	-0.98	+ 1.9	0.6/25.6	65374
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	66151
2009 VL ₄₅	2009 11 25.4	04 04.45 +26 27.8 19.9	-0.99	- 2.9	2.0/26.3	65990
2008 PL ₇	2009 11 25.4	04 04.52 +13 46.4 20.5	-0.87	- 3.2	2.1/24.3	66322
2006 LU ₁	2009 11 25.4	04 04.53 +17 53.6 20.3	-0.85	- 6.6	0.8/24.9	66261
2002 TD ₁₈₆	2009 11 25.4	04 04.55 +16 35.4 19.6	-1.12	- 5.5	1.7/24.7	66141
2005 TE ₁₇₉	2009 11 25.4	04 04.59 +24 54.3 20.2	-1.08	- 3.8	1.9/26.1	66218
2007 LS ₇	2009 11 25.4	04 04.61 -02 48.2 19.8	-0.80	- 0.6	6.8/22.1	41875
2009 UT ₃₅	2009 11 25.4	04 04.61 +20 18.0 19.8	-0.97	- 3.5	0.2/25.4	66378
2004 RA ₁₇₀	2009 11 25.4	04 04.62 +20 10.0 19.4	-0.96	- 5.6	0.2/25.3	65397
2005 WK ₆₀	2009 11 25.4	04 04.63 +20 16.7 20.1	-1.00	- 4.4	0.2/25.4	65479
2008 PH ₁₄	2009 11 25.4	04 04.64 +20 34.9 21.3	-0.90	- 2.5	0.1/25.4	58152
2001 SN ₂₁₈	2009 11 25.4	04 04.67 +00 58.9 20.1	-0.87	- 3.8	9.7/22.1	21767
2008 GE ₁₂₄	2009 11 25.4	04 04.67 +50 56.1 19.8	-2.17	+ 5.5	14.0/28.0	41634
2002 TM ₃₆₈	2009 11 25.4	04 04.69 +11 13.4 19.3	-1.10	+ 0.7	4.5/24.4	66142
2005 WV ₁₇₆	2009 11 25.4	04 04.70 +19 13.1 19.5	-1.03	+ 0.8	0.7/25.3	65485
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	66170
2005 UT ₂₈₅	2009 11 25.4	04 04.72 +19 12.8 20.1	-1.12	0.0	0.7/25.3	66225
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 04.79 +23 18.2 20.7	-1.12	- 3.3	0.9/25.9	65547
2007 EO ₁₉₆	2009 11 25.4	04 04.83 +23 51.9 22.0	-1.12	- 2.3	1.2/25.9	19446
2001 UA ₂	2009 11 25.5	04 04.76 +08 02.2 19.5	-0.85	-12.0	6.6/22.4	66111
2004 LT ₁₅	2009 11 25.5	04 04.76 +15 32.2 20.7	-1.03	- 4.2	1.8/24.6	66173
2008 SD ₁₄₉	2009 11 25.5	04 04.77 +15 11.4 19.9	-0.73	- 0.1	1.4/24.7	66327
2005 TK ₄₃	2009 11 25.5	04 04.77 +18 46.8 19.8	-1.09	- 3.1	0.9/25.2	66216
2008 JQ ₃₂	2009 11 25.5	04 04.77 +20 08.2 21.1	-1.18	- 2.3	0.2/25.4	66319
2009 VH ₉₁	2009 11 25.5	04 04.77 +19 23.1 19.5	-1.17	+ 2.9	0.5/25.4	66006
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 04.83 +28 50.2 19.4	-1.15	- 4.6	3.3/26.9	66105
2004 TT ₅₉	2009 11 25.5	04 04.86 +28 56.2 20.3	-1.10	- 0.7	2.8/26.6	66183
2004 TP ₃₃	2009 11 25.5	04 04.88 +21 36.4 19.9	-0.94	- 3.4	0.3/25.7	66183
2009 UO ₃₅	2009 11 25.5	04 04.91 +19 23.7 19.9	-0.96	- 3.4	0.6/25.3	65899
2007 DR ₁₀₆	2009 11 25.5	04 04.93 +21 10.0 20.0	-1.09	- 3.4	0.2/25.6	66272
2009 VO ₇₅	2009 11 25.5	04 04.98 +16 24.1 19.5	-1.02	- 0.1	1.8/25.0	66003
2005 XG ₆₁	2009 11 25.5	04 05.00 +21 31.1 20.9	-1.04	- 2.3	0.2/25.7	65491
2004 RM ₁₃	2009 11 25.5	04 05.01 +12 53.1 19.9	-0.93	- 3.1	3.0/24.3	66176
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 18.9	-1.06	+ 1.9	3.3/26.4	66194
2003 RG ₂₇	2009 11 25.5	04 05.05 -03 01.0 19.0	-0.80	+ 1.0	9.8/22.7	66155
2006 DV ₈₅	2009 11 25.5	04 05.10 +02 40.0 20.8	-0.78	- 2.8	5.5/22.5	47393
2005 XK ₂₆	2009 11 25.5	04 05.12 +17 50.4 20.2	-1.01	+ 2.1	1.5/25.3	65489
2002 PU ₁₇₆	2009 11 25.5	04 05.13 +15 30.1 20.1	-0.81	- 4.3	1.5/24.6	65330
2009 VR ₆₇	2009 11 25.5	04 05.18 +24 28.4 20.6	-1.02	- 0.1	1.4/26.1	65999

2002 AH ₁₀₃	2009 11 25.5	04 05.20 +26 20.9 18.8	-1.01	- 3.5	2.5/26.5	66123
2001 RG ₂₉	2009 11 25.5	04 05.25 +24 58.5 19.3	-1.11	- 2.4	1.8/26.2	66104
2007 EY ₁₇₈	2009 11 25.5	04 05.25 +29 24.9 21.3	-1.00	- 2.1	2.4/26.9	66277
2001 XG ₂₁₉	2009 11 25.6	04 05.16 +22 00.4 19.2	-1.07	- 1.8	0.5/25.8	66120
2007 HV ₇₇	2009 11 25.6	04 05.16 +04 02.8 21.2	-0.93	- 4.4	5.8/22.6	56090
2002 PY ₄₅	2009 11 25.6	04 05.16 +09 28.8 19.5	-1.09	- 2.7	5.2/24.0	65330
2001 TZ ₅₇	2009 11 25.6	04 05.17 +22 23.6 19.5	-1.08	- 3.3	0.7/25.8	66109
2007 DU ₇₆	2009 11 25.6	04 05.18 +29 43.5 19.9	-1.20	- 1.0	3.5/26.8	66271
2005 YQ ₈₈	2009 11 25.6	04 05.18 +16 47.6 20.8	-0.94	- 2.1	1.4/25.0	66242
2003 SQ ₁₇₅	2009 11 25.6	04 05.19 +22 05.9 19.2	-0.91	- 1.8	0.5/25.8	65367
2008 HO ₅₁	2009 11 25.6	04 05.21 +14 19.8 18.9	-0.99	- 8.1	2.6/24.3	66318
1998 TZ ₃	2009 11 25.6	04 05.23 +22 45.1 19.5	-1.05	- 2.4	1.0/25.9	66086
2004 QT ₂₅	2009 11 25.6	04 05.23 +02 23.3 19.0	-0.93	- 0.1	7.2/23.4	66176
2004 TW ₁₃₆	2009 11 25.6	04 05.27 +22 55.9 18.5	-0.95	- 4.4	0.8/26.0	66185
2001 FF ₁₄₆	2009 11 25.6	04 05.30 +33 36.0 19.1	-0.98	- 3.0	3.9/27.8	66101
2003 YY ₄₁	2009 11 25.6	04 05.32 +14 26.6 20.8	-1.16	- 1.3	2.6/24.8	66166
2009 UN ₁₃₀	2009 11 25.6	04 05.33 +11 12.7 18.9	-0.97	- 4.6	3.5/24.0	65953
1996 TK ₂₇	2009 11 25.6	04 05.33 +19 03.3 19.3	-0.96	+ 1.0	0.9/25.4	65298
2009 YU ₃₇	2009 11 25.6	04 05.35 +23 04.2 19.1	-1.21	0.0	1.1/25.9	65980
2005 UZ ₄₀₇	2009 11 25.6	04 05.35 +18 44.9 19.2	-1.04	- 1.4	1.0/25.4	66227
2009 VW ₄₁	2009 11 25.6	04 05.38 +16 13.7 19.9	-0.94	- 1.1	1.9/25.0	65985
2009 VF ₆₂	2009 11 25.6	04 05.40 +22 58.9 19.6	-1.06	- 1.2	0.9/25.9	65997
2007 JM ₂	2009 11 25.6	04 05.41 +09 50.7 21.1	-0.80	- 1.9	2.9/24.0	66285
2007 BK ₁₀₁	2009 11 25.6	04 05.42 +18 03.7 20.4	-1.08	- 2.5	1.0/25.2	66268
2006 BH ₂₂₁	2009 11 25.6	04 05.42 +17 28.3 20.3	-0.91	- 1.9	1.1/25.2	66253
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 21.4	-1.07	- 3.6	3.4/24.3	66320
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 20.8	-0.92	- 1.7	0.1/25.6	66251
2005 YS ₂₆	2009 11 25.6	04 05.51 +46 16.7 19.0	-1.25	- 7.8	9.3/01.5	66240
2007 HU ₃₅	2009 11 25.6	04 05.51 +28 49.4 19.2	-1.33	+ 4.3	3.7/26.2	66283
2006 BF ₆₆	2009 11 25.6	04 05.52 +18 38.8 20.4	-0.93	- 1.7	0.7/25.4	66250
2007 HY	2009 11 25.6	04 05.57 +08 52.1 20.3	-0.95	- 4.2	4.5/23.6	66282
2006 TP ₅₈	2009 11 25.6	04 05.59 +11 46.1 19.0	-1.17	-17.6	4.3/23.3	66262
2006 BQ ₂₄₆	2009 11 25.6	04 05.60 +13 32.1 20.6	-0.92	- 2.6	2.6/24.6	66253
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 AA ₁₁₄	2009 11 25.6	04 05.61 +14 29.4 18.8	-0.98	- 0.2	2.9/24.9	66124
2005 QK ₂₉	2009 11 25.6	04 05.61 +09 49.1 19.1	-0.93	- 2.8	5.5/24.0	66203
2000 GP ₅₁	2009 11 25.6	04 05.61 +13 59.9 19.8	-1.06	- 4.3	2.7/24.6	66093
2009 WE ₈₅	2009 11 25.6	04 05.66 +29 46.6 19.5	-1.09	+ 2.2	3.0/26.7	66021
2001 SX ₁₈₂	2009 11 25.7	04 05.60 +19 19.2 20.1	-1.07	- 3.2	0.7/25.5	66107
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
1999 WD ₂₄	2009 11 25.7	04 05.64 +20 13.2 21.1	-1.18	- 2.9	0.3/25.6	66090
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
2006 BD ₈	2009 11 25.7	04 05.68 +35 36.3 19.6	-1.07	- 3.3	6.0/28.2	65509
2009 UP ₃₅	2009 11 25.7	04 05.68 +21 22.6 19.6	-0.89	- 0.4	0.2/25.8	65899
2005 MD ₂₃	2009 11 25.7	04 05.68 +18 43.1 20.9	-1.12	- 5.2	0.9/25.4	87689
2005 YR ₁₃₅	2009 11 25.7	04 05.69 +21 17.6 20.4	-1.01	- 1.4	0.2/25.8	66243
2002 CD ₂₀₇	2009 11 25.7	04 05.70 +14 09.1 19.8	-0.95	- 1.6	2.3/24.8	66127

2006 BJ ₂₅₃	2009 11 25.7	04 05.70 +17 06.9 20.2	-0.91 - 2.4	1.3/25.2	66253
2008 OZ ₁₀	2009 11 25.7	04 05.72 +22 33.2 19.1	-0.94 - 5.2	0.6/26.0	65591
2009 VL ₂₂	2009 11 25.7	04 05.81 +16 39.6 20.3	-0.83 - 3.2	1.2/25.1	65971
2005 WE ₇₆	2009 11 25.7	04 05.82 +23 30.3 20.0	-1.08 - 3.3	1.0/26.2	65479
2001 YM ₂₀	2009 11 25.7	04 05.86 +21 06.1 19.0	-1.03 - 3.8	0.1/25.8	66121
2005 SS ₂₅₆	2009 11 25.7	04 05.90 +22 23.8 20.0	-1.12 - 3.1	0.7/26.0	65451
2003 CB ₂₁	2009 11 25.7	04 05.91 +12 00.2 20.7	-1.02 - 3.5	3.5/24.3	66149
2006 BN ₁₄₅	2009 11 25.7	04 05.92 +12 38.2 19.0	-0.91 - 3.4	3.4/24.4	66251
2003 CG ₆	2009 11 25.7	04 05.95 +13 00.5 19.4	-0.74 - 0.9	2.2/24.6	66148
1998 HF ₂₅	2009 11 25.7	04 05.98 +16 55.4 20.5	-0.92 - 2.2	1.2/25.2	66084
2002 AM ₄₉	2009 11 25.7	04 06.01 +24 38.7 20.3	-1.07 - 3.8	1.4/26.4	66123
2005 ST ₁₈₄	2009 11 25.7	04 06.07 +16 00.4 20.7	-1.05 - 4.8	1.9/25.0	39232
2009 UC ₉₇	2009 11 25.7	04 06.08 +22 44.4 18.9	-0.87 - 6.2	0.7/26.2	65936
2005 SX ₉₄	2009 11 25.7	04 06.08 -02 33.4 17.9	-0.83 -19.4	11.1/18.0	66210
2007 CU ₇	2009 11 25.7	04 06.10 +10 20.9 20.3	-1.11 - 1.5	4.8/24.4	65542
2005 SP ₈₃	2009 11 25.8	04 06.05 +24 46.4 20.4	-1.16 - 2.8	1.6/26.4	66210
2005 NR ₁₉	2009 11 25.8	04 06.05 +13 29.0 19.5	-1.05 - 2.4	3.5/24.8	66200
2005 PH ₆	2009 11 25.8	04 06.05 +21 48.5 19.5	-1.21 + 0.2	0.4/25.9	66202
2005 AR ₁₃	2009 11 25.8	04 06.06 +16 16.6 19.9	-0.87 + 0.3	1.3/25.2	66194
2007 GB ₃₅	2009 11 25.8	04 06.08 +20 41.0 19.1	-1.14 + 0.7	0.1/25.8	66281
2005 QY ₁₇₁	2009 11 25.8	04 06.09 +00 55.0 20.2	-0.94 - 6.4	8.6/22.0	33456
1998 QW ₆₃	2009 11 25.8	04 06.09 +51 22.2 18.7	-1.45 + 2.5	12.2/30.4	15031
2006 DJ ₉₆	2009 11 25.8	04 06.10 +19 21.7 21.4	-0.83 - 2.3	0.4/25.6	47394
2009 WG ₉	2009 11 25.8	04 06.10 +17 08.9 19.5	-0.96 - 3.8	1.5/25.2	66008
2003 JK ₁₇	2009 11 25.8	04 06.15 +12 23.2 20.2	-0.99 + 0.8	2.7/24.9	66152
2005 YB ₁₆	2009 11 25.8	04 06.19 +27 35.7 20.4	-1.00 - 4.3	2.5/27.0	65493
2002 FE ₃₁	2009 11 25.8	04 06.29 +09 18.3 19.9	-0.93 + 0.6	3.4/24.5	66130
2007 HM ₇₉	2009 11 25.8	04 06.30 +06 19.4 21.4	-0.88 - 1.6	4.3/23.7	21692
2008 GA ₅₂	2009 11 25.8	04 06.34 +16 12.1 20.2	-1.15 - 3.5	2.0/25.2	66317
2004 PQ ₇₀	2009 11 25.8	04 06.36 +13 07.6 19.6	-0.99 - 1.3	2.9/24.8	65390
2005 YX ₈₃	2009 11 25.8	04 06.36 -01 26.1 19.2	-0.95 + 4.9	10.8/24.2	65497
2009 WN ₁₉₆	2009 11 25.8	04 06.37 +18 09.3 20.0	-0.87 - 1.8	1.0/25.5	66024
2003 ED ₃₀	2009 11 25.8	04 06.43 +30 57.4 19.3	-1.14 - 3.2	4.4/27.5	66149
2004 RO ₂₁₉	2009 11 25.8	04 06.43 +33 50.1 18.8	-1.05 - 5.9	4.7/28.4	66180
2003 SA ₁₁₇	2009 11 25.8	04 06.43 +09 58.6 19.7	-0.86 - 6.2	3.8/23.8	65365
2005 SZ ₂₁₅	2009 11 25.8	04 06.46 +20 56.5 19.8	-1.07 - 5.6	0.0/25.9	65449
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 19.4	-0.97 - 1.3	2.6/25.0	66240
2004 PN ₃₃	2009 11 25.9	04 06.44 +16 28.5 20.8	-0.99 - 2.4	1.5/25.3	66174
2002 QM ₁₀₂	2009 11 25.9	04 06.49 +21 21.4 21.1	-1.19 - 2.8	0.2/26.0	66136
2006 EP ₁₇	2009 11 25.9	04 06.49 +09 29.1 20.7	-0.79 - 3.1	3.3/24.0	66257
2002 NQ ₆₇	2009 11 25.9	04 06.49 +21 06.5 20.9	-0.85 - 2.0	0.1/25.9	47219
2004 FS ₉₇	2009 11 25.9	04 06.50 +08 35.9 21.1	-1.08 - 2.2	4.4/24.1	69704
2007 DL ₂₀	2009 11 25.9	04 06.53 +14 20.3 20.4	-0.99 - 2.5	2.3/25.0	66270
2002 AR ₆₂	2009 11 25.9	04 06.56 +37 12.8 20.7	-1.15 - 3.9	5.5/28.6	48187
2004 RS ₄₈	2009 11 25.9	04 06.56 +23 34.4 19.9	-1.03 - 1.5	1.0/26.3	66177
2007 EJ ₄₀	2009 11 25.9	04 06.59 +24 18.7 21.2	-1.01 - 1.3	1.1/26.4	66273
2007 KY ₇	2009 11 25.9	04 06.59 +14 26.7 19.7	-0.99 - 2.7	2.2/25.0	66286
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	66230
2005 XF ₅₂	2009 11 25.9	04 06.74 +15 46.8 19.9	-1.11 + 2.2	1.9/25.5	66238

2005 MD ₂₁	2009 11 25.9	04 06.77 +19 01.3 21.5	-1.15 - 3.9	0.7/25.7	40134
2002 AP ₃₂	2009 11 25.9	04 06.77 +32 29.5 19.7	-1.13 - 1.8	4.2/27.6	47194
2009 SF ₆₇	2009 11 25.9	04 06.80 +19 05.4 18.8	-0.96 - 5.7	1.0/25.6	65727
2002 KH ₁₆	2009 11 25.9	04 06.82 +24 38.7 19.6	-1.02 + 1.2	1.2/26.4	65328
2005 PL ₁₁	2009 11 25.9	04 06.82 +10 35.0 21.0	-1.11 - 1.9	4.2/24.7	66202
2003 TS ₄₁	2009 11 25.9	04 06.83 +38 43.9 20.5	-1.07 - 0.5	5.8/28.5	47267
2004 QH ₂₈	2009 11 25.9	04 06.83 +17 53.3 20.5	-0.94 - 5.9	1.2/25.4	65392
2005 QY ₉	2009 11 25.9	04 06.84 +13 15.3 19.5	-1.03 - 5.2	3.4/24.7	66202
2001 VN ₁₁₃	2009 11 25.9	04 06.89 +24 00.3 19.0	-1.09 - 2.1	1.2/26.4	66115
2005 YU ₁₅	2009 11 25.9	04 06.94 +10 52.3 19.6	-0.95 0.0	4.3/24.8	65493
2004 PM ₅	2009 11 26.0	04 06.87 +19 05.5 20.2	-1.00 - 3.9	0.7/25.7	66174
2008 KJ ₂₃	2009 11 26.0	04 06.93 +12 57.8 20.5	-0.98 - 4.8	2.8/24.7	66320
2009 SP ₉₆	2009 11 26.0	04 06.94 +17 13.8 18.8	-0.94 - 4.3	1.7/25.4	66354
2005 UC ₁₉₆	2009 11 26.0	04 06.95 +17 09.3 20.2	-1.03 - 4.2	1.4/25.4	66223
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 SG ₈₂	2009 11 26.0	04 06.96 +18 35.7 21.7	-1.10 - 3.5	0.9/25.7	97819
2009 WG ₈₅	2009 11 26.0	04 06.98 +27 52.4 20.6	-0.89 - 4.3	2.2/27.3	66021
2007 FQ ₃₈	2009 11 26.0	04 06.98 +23 10.7 20.0	-1.06 + 0.7	0.7/26.3	66279
2006 AV ₁₃	2009 11 26.0	04 07.00 +25 11.7 19.8	-0.99 - 3.1	1.6/26.7	66246
2005 WM ₇₉	2009 11 26.0	04 07.00 +20 24.5 19.6	-1.02 - 0.6	0.2/26.0	65480
1996 RW ₁₀	2009 11 26.0	04 07.01 +22 24.1 21.3	-1.04 - 2.4	0.5/26.2	66083
2006 FU ₄₉	2009 11 26.0	04 07.03 +12 52.8 19.8	-0.81 - 1.6	2.2/24.8	66259
2005 QX ₁₁₂	2009 11 26.0	04 07.05 +22 51.9 19.0	-1.17 0.0	0.9/26.3	66205
2003 UJ ₂₃₁	2009 11 26.0	04 07.06 +15 57.2 20.0	-0.83 - 4.4	1.6/25.2	66163
2002 GM ₁₁	2009 11 26.0	04 07.08 +10 03.8 20.8	-0.88 - 3.4	3.4/24.3	66131
1995 UZ ₇₈	2009 11 26.0	04 07.09 +16 44.2 19.8	-1.09 - 1.6	2.0/25.5	65297
2005 WT ₉₂	2009 11 26.0	04 07.09 +17 58.1 19.3	-1.08 + 0.4	1.1/25.7	66234
2007 HL ₅₆	2009 11 26.0	04 07.14 +21 34.8 19.7	-0.97 + 0.6	0.2/26.1	66284
2002 TG ₁₈₆	2009 11 26.0	04 07.15 +13 14.3 19.8	-1.11 - 6.0	3.6/24.8	65343
2005 MV ₄₂	2009 11 26.0	04 07.15 +16 13.1 20.0	-1.13 - 2.3	2.0/25.4	66199
2009 WU ₁₇₆	2009 11 26.0	04 07.18 +27 20.6 21.1	-0.87 - 2.1	1.7/27.1	66023
2007 BC ₇₈	2009 11 26.0	04 07.18 +24 03.2 21.4	-1.12 - 2.9	1.1/26.5	40707
2007 EE ₁₀₁	2009 11 26.0	04 07.20 +20 58.5 20.4	-1.02 - 1.3	0.0/26.1	66275
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	66191
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 20.8	-1.13 - 3.0	2.3/26.9	66218
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 07.29 +13 34.2 20.1	-0.95 - 0.9	2.5/25.1	66246
2007 HM ₅₈	2009 11 26.0	04 07.36 +15 27.0 19.2	-0.95 + 0.7	1.8/25.5	66284
2007 GX ₆₆	2009 11 26.0	04 07.37 +22 42.1 19.5	-0.93 - 1.8	0.6/26.4	66282
1999 VK ₈₃	2009 11 26.1	04 07.31 +20 04.7 20.6	-1.20 - 0.9	0.3/26.0	65304
2000 QY ₂₄₇	2009 11 26.1	04 07.32 +15 27.2 21.2	-0.99 - 2.7	1.9/25.3	66094
2005 QR ₁₄₇	2009 11 26.1	04 07.34 +25 50.7 18.7	-1.17 + 1.9	2.5/26.6	65436
2005 QF ₁₅₉	2009 11 26.1	04 07.42 +13 07.0 19.1	-0.99 - 0.6	3.9/25.1	65436
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 - 0.4	1.5/27.3	65604
2005 WC ₁₅₅	2009 11 26.1	04 07.49 +22 21.8 19.6	-1.04 - 2.8	0.6/26.4	66235
2002 QA ₁₂₆	2009 11 26.1	04 07.50 +06 38.0 21.0	-1.08 - 3.2	6.2/24.1	49842
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 RO ₂₅₅	2009 11 26.1	04 07.52 +18 14.5 20.6	-0.80 - 4.2	0.7/25.7	66139

2006 WY ₁₅₉	2009 11 26.1	04 07.54 +17 42.8 20.2	-1.16	- 1.1	1.3/25.7	66264
2005 US ₉₀	2009 11 26.1	04 07.56 +25 02.1 19.6	-1.05	- 5.5	1.8/26.9	66221
2005 SC ₉₈	2009 11 26.1	04 07.57 +20 10.7 18.8	-1.05	- 6.1	0.3/26.0	65444
2005 SY ₆₀	2009 11 26.1	04 07.57 +14 50.6 20.6	-1.03	- 4.1	2.5/25.2	66209
2006 BJ ₇₀	2009 11 26.1	04 07.59 +20 09.6 20.8	-0.98	- 0.8	0.3/26.1	02274
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	66213
2009 VM ₄₀	2009 11 26.1	04 07.75 +26 16.2 19.3	-1.11	- 3.0	2.2/27.0	65983
2003 ML ₁₀	2009 11 26.1	04 07.78 -11 02.9 19.6	-1.14	- 9.6	14.3/18.8	66152
2003 SX ₄₀₄	2009 11 26.1	04 07.80 +27 43.3 19.8	-1.04	+ 2.3	2.2/26.9	65374
2003 SR ₂₃₈	2009 11 26.2	04 07.71 +08 54.5 20.0	-0.82	- 4.4	3.9/24.1	66158
2005 SU ₃₈	2009 11 26.2	04 07.74 +24 19.8 20.6	-1.15	- 2.5	1.3/26.7	66209
2003 UM ₁₀₉	2009 11 26.2	04 07.76 +13 38.1 19.1	-0.82	- 6.6	2.2/24.8	66162
2007 HJ ₅₇	2009 11 26.2	04 07.79 +12 47.2 20.7	-0.91	- 2.6	2.7/25.0	66284
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	66179
2006 AT ₈	2009 11 26.2	04 07.85 +10 59.7 20.3	-0.92	- 1.5	3.5/24.8	65505
2004 GX ₂₂	2009 11 26.2	04 07.86 +21 20.7 20.8	-1.12	- 3.5	0.1/26.3	58476
2005 PR ₄	2009 11 26.2	04 07.92 +19 13.2 18.1	-1.17	+ 9.8	1.0/26.2	66202
2002 AY ₁₂₉	2009 11 26.2	04 07.94 +38 01.7 18.3	-1.61	+ 7.6	6.4/26.8	66124
2002 QQ ₈₈	2009 11 26.2	04 07.97 +20 23.6 20.1	-1.11	- 3.1	0.3/26.2	65334
2006 GH ₈	2009 11 26.2	04 07.98 +10 01.8 18.6	-0.86	- 1.9	4.3/24.6	65523
2008 GY ₁₁₀	2009 11 26.2	04 08.01 -00 22.0 19.2	-1.71	+16.4	11.1/27.2	66317
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 21.0	-1.08	- 2.8	1.0/25.9	66319
2000 AK ₂₂₁	2009 11 26.2	04 08.06 +17 51.4 19.2	-0.92	- 0.5	1.3/25.9	65305
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	66279
2004 FO ₁₁₁	2009 11 26.2	04 08.09 +11 03.0 21.0	-1.02	- 4.8	3.4/24.6	66170
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 19.1	-1.08	- 3.6	4.7/28.2	66126
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
2009 VJ ₁	2009 11 26.2	04 08.22 -03 53.8 19.5	-0.93	- 2.0	10.4/22.8	65962
2005 NJ ₄₉	2009 11 26.2	04 08.23 +18 41.0 20.1	-1.18	- 1.2	0.9/26.0	66200
2005 SX ₁₁₈	2009 11 26.2	04 08.25 +26 58.3 20.3	-1.22	- 0.1	2.5/27.0	66211
2008 SG ₂₇₆	2009 11 26.3	04 08.15 +09 18.2 20.9	-0.66	- 2.2	2.7/24.4	66328
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
2003 QT ₂₄	2009 11 26.3	04 08.21 +13 46.8 19.1	-0.84	- 4.3	2.8/25.1	65359
2008 FF ₅₆	2009 11 26.3	04 08.22 +17 22.1 20.3	-1.18	- 3.6	1.5/25.8	66315
2001 FL ₁₇₉	2009 11 26.3	04 08.22 +09 47.1 19.1	-0.90	+ 0.2	3.7/24.9	66101
2006 DB ₃	2009 11 26.3	04 08.23 +30 30.4 21.6	-0.93	- 2.2	2.7/27.8	47389
2003 UY ₁₅₇	2009 11 26.3	04 08.25 +22 18.8 19.2	-0.85	- 4.4	0.4/26.6	66162
2007 EL ₁₃₆	2009 11 26.3	04 08.28 +12 16.7 21.9	-0.93	- 3.4	2.9/25.0	19428
2002 AT ₄₆	2009 11 26.3	04 08.31 +15 41.8 18.5	-0.99	- 1.3	2.4/25.6	65322
2005 TJ ₁₃₅	2009 11 26.3	04 08.32 +21 41.8 18.9	-0.94	- 5.2	0.3/26.5	66217
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

2006 DS ₁₀₇	2009 11 26.3	04 08.39 +11 58.4 19.6	-0.84	- 3.0	3.2/24.9	65519
2003 SG ₇₁	2009 11 26.3	04 08.40 +22 30.5 18.6	-0.89	- 5.0	0.5/26.6	66155
2004 XJ ₉₉	2009 11 26.3	04 08.45 +01 48.0 20.1	-0.85	+ 1.1	5.7/24.1	66192
2003 KY ₃₀	2009 11 26.3	04 08.45 +11 26.9 21.0	-0.91	- 4.3	3.2/24.8	66152
2008 UL ₁₂	2009 11 26.3	04 08.45 +27 05.5 20.5	-0.63	- 2.0	1.3/27.4	66333
2008 LL ₁₂	2009 11 26.3	04 08.51 +20 52.5 19.8	-1.17	+ 0.1	0.0/26.4	66320
2009 VG ₄₄	2009 11 26.3	04 08.52 +12 05.9 18.8	-0.90	- 4.9	4.6/24.8	65988
2000 FV ₇₃	2009 11 26.3	04 08.53 -13 21.0 19.3	-0.80	- 1.1	9.8/20.3	99946
2004 DE ₂₂	2009 11 26.3	04 08.59 +09 50.9 19.9	-1.08	- 1.9	4.2/24.9	66168
2009 VZ ₆₆	2009 11 26.3	04 08.60 +25 11.1 19.9	-1.10	- 2.5	2.1/27.0	65998
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 18.7	-1.29	- 0.7	9.2/29.8	66096
2002 WG ₂₇	2009 11 26.3	04 08.64 +15 16.2 19.1	-1.12	+ 2.2	2.8/25.9	65349
2005 NS ₁₅	2009 11 26.3	04 08.65 +20 34.4 21.5	-1.18	- 2.6	0.2/26.3	56999
2002 CW ₇₇	2009 11 26.4	04 08.60 +28 38.5 19.7	-1.07	- 2.1	2.8/27.5	66126
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 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 08.66 +30 36.4 19.9	-1.18	- 4.1	4.3/28.0	66205
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 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
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	66280
2004 FC ₇₇	2009 11 26.4	04 08.74 +13 30.1 20.8	-1.10	- 4.3	3.0/25.2	65386
2002 JF ₅	2009 11 26.4	04 08.74 +28 18.5 19.5	-1.07	+ 1.2	2.5/27.2	66132
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 08.79 +26 56.1 20.4	-1.20	- 4.1	2.5/27.4	66168
2007 JT ₁₇	2009 11 26.4	04 08.81 +03 28.0 20.8	-0.92	- 4.3	5.7/23.3	21880
2000 DW ₄₃	2009 11 26.4	04 08.81 +31 18.6 19.5	-1.21	- 2.8	4.2/28.0	66091
2004 SH ₄₂	2009 11 26.4	04 08.84 +21 53.2 19.7	-0.97	- 4.2	0.3/26.6	66182
2004 PD	2009 11 26.4	04 08.89 +34 43.0 21.0	-1.13	- 6.0	4.5/29.1	65930
2002 QO ₂₂	2009 11 26.4	04 08.91 +21 08.0 19.7	-1.12	- 4.0	0.1/26.5	65333
2002 TK ₇₇	2009 11 26.4	04 08.91 +23 34.7 19.2	-1.20	- 4.0	1.1/26.9	66140
2004 GY ₅₆	2009 11 26.4	04 08.91 +28 00.9 19.8	-1.21	- 1.3	2.8/27.4	66171
2005 AF ₉	2009 11 26.4	04 08.95 +34 45.8 19.3	-1.00	- 2.2	5.4/28.6	66194
2008 SX ₂₂₄	2009 11 26.4	04 08.95 +24 48.7 20.7	-0.59	- 1.3	0.7/27.1	66327
2000 VB ₅₆	2009 11 26.4	04 09.01 +24 54.0 18.6	-0.96	- 7.6	1.5/27.3	66098
2003 CG ₁₆	2009 11 26.4	04 09.02 +06 37.5 19.6	-0.71	- 2.0	4.3/24.2	66149
2000 SN ₂₇	2009 11 26.5	04 09.00 +09 40.5 18.8	-0.88	- 9.6	4.8/24.0	65309
2005 RJ ₄₄	2009 11 26.5	04 09.02 +26 33.0 19.3	-1.23	+ 2.0	2.5/27.1	66208
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	66267
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
2005 YZ ₁₁₄	2009 11 26.5	04 09.14 +19 20.4 19.5	-0.98	0.0	0.8/26.3	65499
2006 AT ₄₄	2009 11 26.5	04 09.16 +12 32.2 19.8	-0.95	- 0.7	3.0/25.5	66247
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	66327
2006 CC ₄₄	2009 11 26.5	04 09.20 +18 17.9 21.7	-0.83	- 0.6	0.7/26.2	66254
2005 QY ₁₄₅	2009 11 26.5	04 09.21 +09 49.2 18.8	-1.04	+ 3.3	5.6/25.6	65436

2007 KS ₂	2009 11 26.5	04 09.23 +27 22.7 20.8	-0.93	- 1.4	1.8/27.5	66286	2004 PN ₄₆	2009 11 26.7	04 10.17 +37 15.9 20.1	-1.15	- 4.6	6.0/29.8	95282
2008 FZ ₅₂	2009 11 26.5	04 09.24 +12 59.3 20.1	-1.11	- 2.9	3.4/25.4	66315	2004 LY ₁	2009 11 26.7	04 10.19 -01 35.4 19.2	-1.07	+ 0.9	9.2/25.0	66173
2005 YK ₁₅₀	2009 11 26.5	04 09.25 +21 22.3 19.9	-0.99	- 1.3	0.1/26.6	66243	2005 NJ ₁₀₁	2009 11 26.7	04 10.22 +12 11.0 20.7	-1.13	- 2.6	3.6/25.5	66200
2006 DC ₁₃₆	2009 11 26.5	04 09.34 +19 45.4 19.6	-0.92	- 1.4	0.4/26.4	65520	2005 QH ₁₈₀	2009 11 26.7	04 10.25 +26 09.3 19.5	-1.21	+ 1.0	2.3/27.3	66206
2008 RR ₁₂₅	2009 11 26.5	04 09.38 +33 16.6 21.5	-0.97	- 2.6	3.4/28.6	58159	2006 AL ₁₀₀	2009 11 26.7	04 10.27 +28 14.2 20.6	-1.03	- 2.1	2.5/27.8	66248
2004 ET ₈₅	2009 11 26.5	04 09.40 +09 49.0 20.1	-1.06	- 2.0	4.3/25.1	66169	2001 YB ₁₃₃	2009 11 26.7	04 10.33 +34 19.7 18.5	-1.34	+ 4.3	5.9/28.0	66122
2007 DG ₃₄	2009 11 26.5	04 09.40 +24 26.8 21.1	-1.12	- 2.4	1.3/27.1	66270	2005 UM ₁₂₅	2009 11 26.7	04 10.35 +22 57.7 21.1	-1.08	- 2.5	0.7/27.1	19661
2007 EL ₁₅₁	2009 11 26.5	04 09.46 +19 29.7 21.2	-0.99	- 1.8	0.5/26.4	17843	2002 TM ₃₀₇	2009 11 26.8	04 10.30 +14 42.8 21.5	-1.14	- 1.3	2.4/26.0	66142
2003 EV ₅₂	2009 11 26.5	04 09.47 +58 07.0 22.6	-1.71	+ 0.5	9.7/01.9	47243	2004 EB ₄₅	2009 11 26.8	04 10.31 +19 50.4 20.8	-0.72	- 1.9	0.3/26.6	66169
2007 HT ₂	2009 11 26.5	04 09.48 +22 05.2 21.5	-1.09	- 2.0	0.4/26.7	21683	2008 GB ₉₉	2009 11 26.8	04 10.32 +18 31.2 20.7	-1.16	- 3.4	1.0/26.4	66317
2006 AN ₇₇	2009 11 26.6	04 09.41 +28 32.4 21.0	-0.99	- 3.6	2.4/27.8	65508	2004 RJ ₂₁₂	2009 11 26.8	04 10.34 +35 18.1 18.9	-1.05	- 7.1	5.6/29.7	66179
2001 UX ₃₂	2009 11 26.6	04 09.41 +15 19.2 18.9	-1.08	+ 0.8	2.4/26.0	66112	2002 BD ₂₅	2009 11 26.8	04 10.35 +45 28.8 19.4	-1.31	- 0.4	10.7/30.0	94554
2002 CY ₁₁₉	2009 11 26.6	04 09.43 +25 40.5 19.6	-1.06	- 4.6	2.0/27.4	66127	2006 FM ₄₇	2009 11 26.8	04 10.40 +10 43.9 18.7	-0.93	+ 1.1	3.7/25.7	65522
2003 BA ₅₄	2009 11 26.6	04 09.45 +27 53.0 19.4	-1.13	- 4.1	3.0/27.7	66148	2006 BO ₂₀₆	2009 11 26.8	04 10.40 -02 07.1 20.4	-0.89	- 0.4	8.4/23.7	66252
2001 XE ₂₄₃	2009 11 26.6	04 09.49 +42 50.2 19.6	-1.22	- 3.3	9.7/30.2	41776	2006 EQ ₁₀	2009 11 26.8	04 10.41 +04 50.2 19.7	-0.83	- 2.7	5.5/24.2	66257
2009 WU ₃₆	2009 11 26.6	04 09.49 +24 30.7 19.9	-1.04	- 0.7	1.7/27.1	66014	2005 AN ₂₁	2009 11 26.8	04 10.41 +17 12.6 19.1	-0.89	- 0.4	1.3/26.3	66194
2005 UL ₃₂₃	2009 11 26.6	04 09.49 +20 46.4 19.4	-1.07	- 0.4	0.1/26.6	66226	2007 BC ₇₉	2009 11 26.8	04 10.41 +09 53.3 19.5	-1.08	+ 0.4	5.0/25.6	66268
2005 YP ₈₆	2009 11 26.6	04 09.50 +05 48.5 18.6	-1.03	+ 3.0	6.4/25.2	66242	2006 GZ ₄₂	2009 11 26.8	04 10.49 +25 02.3 22.7	-0.86	+ 0.4	0.9/27.3	01598
2000 GX ₃₈	2009 11 26.6	04 09.53 +15 12.6 20.8	-1.03	- 3.6	2.0/25.7	66092	2007 RD ₃₀₉	2009 11 26.8	04 10.49 +17 06.6 20.8	-0.57	- 1.7	0.8/26.2	66288
2002 UR ₆₄	2009 11 26.6	04 09.56 +20 30.9 21.3	-1.20	- 2.8	0.2/26.6	37313	2002 RO ₂₁₄	2009 11 26.8	04 10.49 +31 27.9 19.1	-1.31	+ 0.7	4.8/28.0	66138
2007 DN ₃₅	2009 11 26.6	04 09.57 +09 26.5 19.6	-1.00	- 3.4	5.1/24.8	66270	2005 OZ ₁₄	2009 11 26.8	04 10.49 +28 37.2 20.6	-1.27	- 2.3	2.9/28.0	66201
2005 SJ ₅₇	2009 11 26.6	04 09.58 +11 24.5 20.6	-0.93	- 4.4	4.8/25.1	21827	2004 TW ₃₁₈	2009 11 26.8	04 10.51 +14 21.3 20.4	-0.89	- 4.1	2.1/25.7	66188
2005 YJ ₂₈	2009 11 26.6	04 09.60 +13 39.3 20.5	-0.96	- 0.4	2.7/25.7	66240	2009 VM ₄₄	2009 11 26.8	04 10.64 +15 20.5 19.5	-1.10	- 0.6	2.6/26.2	65988
2008 OW ₂₀	2009 11 26.6	04 09.61 +16 03.9 20.8	-0.83	- 2.6	1.5/25.9	66321	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 PG ₇₆	2009 11 26.6	04 09.61 +15 29.3 20.6	-0.99	- 2.1	1.8/25.9	66175	2004 TW ₆₉	2009 11 26.8	04 10.68 +15 00.7 19.3	-0.93	- 3.9	2.2/25.9	66184
2004 GQ ₂₂	2009 11 26.6	04 09.63 +24 48.4 20.3	-1.19	- 1.0	1.5/27.1	66171	2007 FN ₃₆	2009 11 26.8	04 10.69 +21 16.1 19.3	-1.01	- 2.4	0.1/26.9	65557
2000 EY ₅₉	2009 11 26.6	04 09.63 +23 08.9 19.8	-0.96	- 2.2	0.8/27.0	66092	2006 AF ₂₇	2009 11 26.8	04 10.72 +17 17.4 21.1	-0.98	- 2.2	1.4/26.3	66247
2003 QM ₆₆	2009 11 26.6	04 09.69 -25 16.4 19.7	-1.14	+ 1.0	20.5/19.7	66154	2009 UX ₁₀₂	2009 11 26.8	04 10.75 +28 44.9 19.0	-1.18	+ 0.8	2.8/28.0	65939
2005 YK ₁₇₉	2009 11 26.6	04 09.73 +10 38.5 20.8	-0.94	- 0.5	3.5/25.3	66244	2004 SV ₁	2009 11 26.8	04 10.75 +31 55.3 18.7	-1.02	- 7.6	4.4/29.1	66182
2002 PX ₆₇	2009 11 26.6	04 09.74 +34 23.9 20.0	-0.95	- 3.9	4.2/29.0	50931	2006 DC ₁₈₉	2009 11 26.8	04 10.77 +17 58.3 21.1	-0.83	- 2.1	0.9/26.4	63796
2005 NR ₇₆	2009 11 26.6	04 09.76 +09 05.1 21.1	-1.11	- 1.8	4.6/25.2	90218	2006 HS ₉₄	2009 11 26.9	04 10.69 +20 37.9 20.7	-0.93	- 2.0	0.1/26.8	66260
2004 FZ ₁₅₉	2009 11 26.6	04 09.78 +21 32.2 19.1	-1.17	+ 0.3	0.3/26.7	66171	2009 VB ₆₇	2009 11 26.9	04 10.70 +23 33.0 20.3	-0.95	- 6.1	1.2/27.4	65998
2006 DP ₂₇	2009 11 26.6	04 09.84 +41 36.4 20.9	-1.07	- 0.9	5.9/29.8	46410	2008 PD ₁₀	2009 11 26.9	04 10.72 +55 37.0 20.3	-1.35	- 5.0	10.3/04.9	43306
2004 QO ₁₈	2009 11 26.6	04 09.88 +20 04.8 19.6	-1.16	+ 2.6	0.4/26.6	66176	2004 RO ₃₂₄	2009 11 26.9	04 10.73 +18 50.3 19.6	-0.94	- 5.0	0.8/26.5	65400
2001 WJ ₁₀₀	2009 11 26.6	04 09.89 +17 55.4 19.6	-1.05	- 0.7	1.1/26.3	66117	2009 VE ₃	2009 11 26.9	04 10.75 +15 17.5 19.8	-1.17	- 1.5	2.7/26.2	65964
2004 TY ₁₈₀	2009 11 26.6	04 09.90 +13 52.9 21.3	-0.93	- 3.0	2.2/25.6	66186	2000 CP ₇₉	2009 11 26.9	04 10.77 +37 38.0 20.2	-1.02	- 2.9	5.6/29.7	45850
2004 PM	2009 11 26.6	04 09.91 +08 10.8 19.8	-0.93	- 3.9	4.9/24.7	19615	2005 XJ ₇₄	2009 11 26.9	04 10.78 +28 20.4 20.7	-1.05	- 2.3	2.5/28.0	66239
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 TR ₄₃	2009 11 26.9	04 10.80 +25 43.2 20.4	-1.19	- 1.2	2.0/28.0	97852
2005 YQ ₁₉₃	2009 11 26.6	04 09.92 +11 07.5 20.8	-0.93	- 0.9	3.5/25.4	98066	2001 SH ₂₁₂	2009 11 26.9	04 10.82 +14 22.8 19.5	-0.94	- 2.5	3.4/26.0	66107
2005 SV ₃₅	2009 11 26.6	04 09.93 +19 45.6 20.5	-1.11	- 1.5	0.5/26.5	66209	2004 XU ₁₅₉	2009 11 26.9	04 10.83 +18 38.8 19.9	-0.93	+ 0.8	0.8/26.7	66193
2005 QZ ₂₁	2009 11 26.7	04 09.86 +27 58.6 21.0	-1.22	- 3.4	2.6/27.7	66203	2009 WO ₈₆	2009 11 26.9	04 10.85 +26 40.9 21.1	-0.94	- 0.2	1.7/27.7	66021
2005 SH ₅₆	2009 11 26.7	04 09.86 +34 12.7 20.4	-1.34	+ 0.2	4.8/28.3	58509	2002 CZ ₂₃₇	2009 11 26.9	04 10.85 +01 50.8 20.9	-0.92	- 3.8	6.5/23.6	48211
2007 EX ₁₈₀	2009 11 26.7	04 09.97 +37 11.5 20.8	-1.13	- 0.9	4.7/28.9	49018	2005 QM ₂₉	2009 11 26.9	04 10.86 +22 02.8 20.6	-1.16	- 5.4	0.4/27.1	65430
2006 HO ₁₅	2009 11 26.7	04 10.00 +26 08.1 20.2	-0.88	- 2.1	1.5/27.5	66259	2006 ST ₇₂	2009 11 26.9	04 10.86 +53 07.5 19.2	-2.18	+ 9.1	16.0/27.6	10016
2004 JV ₃₀	2009 11 26.7	04 10.01 +17 27.3 20.0	-1.16	+ 2.0	1.3/26.4	65387	2005 QO ₁₈₈	2009 11 26.9	04 10.87 +18 06.2 20.7	-1.12	- 2.7	1.2/26.5	66207
2005 SQ ₂₃₇	2009 11 26.7	04 10.02 +20 06.0 19.7	-0.98	- 4.6	0.4/26.6	65450	2006 BE ₉₇	2009 11 26.9	04 10.88 +37 08.1 20.6	-1.04	- 1.9	5.0/29.4	46377
2005 QH ₁₂₉	2009 11 26.7	04 10.02 +08 03.3 20.0	-1.02	- 1.7	5.9/25.0	58507	2006 FG ₃₅	2009 11 26.9	04 10.89 +17 48.0 20.2	-0.83	- 1.4	0.9/26.5	66258
2007 GA ₆₄	2009 11 26.7	04 10.08 +16 11.1 20.6	-0.83	- 3.6	1.3/26.0	66282	2005 QG ₁₉₀	2009 11 26.9	04 10.89 +33 53.9 20.2	-1.19	- 3.2	5.9/29.0	59468
2008 TN ₅₉	2009 11 26.7	04 10.08 +21 48.6 20.5	-0.59	- 1.0	0.2/26.9	66332	2002 UB ₇₇	2009 11 26.9	04 10.89 +14 50.1 20.5	-1.12	- 3.4	2.7/26.1	66143
2004 JB ₂₅	2009 11 26.7	04 10.11 +23 41.7 21.3	-1.12	- 2.6	0.9/27.1	58478	2002 UQ ₇₀	2009 11 26.9	04 10.89 +28 12.7 20.0	-1.21	- 0.3	3.4/27.8	66143
2005 SH	2009 11 26.7	04 10.15 +21 50.2 19.2	-0.97	- 6.8	0.4/26.9	65440	2004 TH ₁₉₇	2009 11 26.9	04 10.91 +26 45.1 19.6	-1.02	- 0.8	2.2/27.7	65406

2007 GG ₁₇	2009 11 26.9	04 10.92 +31 45.5 19.3	-1.04 - 0.3	3.5/28.3	66280
2005 SP ₈₂	2009 11 26.9	04 10.94 +20 18.3 19.5	-1.02 - 3.2	0.4/26.8	66210
2007 GE ₉	2009 11 26.9	04 10.95 +25 59.7 20.1	-1.01 - 1.5	1.7/27.6	35071
2002 JO ₅₄	2009 11 26.9	04 10.95 +24 56.5 19.9	-0.99 - 0.9	1.2/27.5	65327
2008 OH ₁₉	2009 11 26.9	04 10.96 +16 56.7 20.6	-0.89 - 2.1	1.3/26.4	66321
2004 GD ₇₁	2009 11 26.9	04 10.99 +20 06.7 20.8	-1.11 - 1.0	0.3/26.8	66172
2001 SH ₂₂₈	2009 11 26.9	04 11.00 +12 46.1 20.2	-1.02 - 3.2	3.0/25.7	66107
2003 SP ₃₀₂	2009 11 26.9	04 11.02 +23 01.8 19.0	-0.88 - 5.2	0.7/27.3	66158
2001 XE ₈₂	2009 11 26.9	04 11.04 +16 34.3 18.9	-0.98 - 3.4	2.0/26.3	66118
2002 AG ₅₁	2009 11 26.9	04 11.04 +28 52.2 19.2	-1.06 - 4.8	3.2/28.0	66123
2005 VX ₅	2009 11 26.9	04 11.07 +22 35.5 21.1	-1.09 - 2.4	0.5/27.2	66229
2005 WY ₉₈	2009 11 26.9	04 11.14 +18 37.5 19.3	-1.09 - 0.2	1.0/26.7	66234
2005 UV ₄₈₉	2009 11 26.9	04 11.15 +31 06.9 19.0	-1.06 - 5.5	4.7/28.8	66228
2008 KW	2009 11 26.9	04 11.16 +11 30.4 20.1	-1.08 - 0.9	3.9/25.8	66320
2003 RC ₁₉	2009 11 26.9	04 11.17 +35 32.5 20.2	-1.03 - 1.8	4.6/29.2	66154
2008 JE ₁₂	2009 11 26.9	04 11.18 +17 35.2 20.2	-1.09 - 1.3	1.6/26.6	66319
2007 CK ₂	2009 11 26.9	04 11.21 +13 29.3 21.2	-1.03 - 2.7	2.8/25.9	66268
2007 FP ₂₉	2009 11 27.0	04 11.14 +23 13.8 20.7	-1.05 - 1.7	0.8/27.3	66279
2008 HA ₃₃	2009 11 27.0	04 11.14 +19 54.7 19.9	-1.23 + 1.6	0.5/26.9	66318
2006 BD ₂₅₀	2009 11 27.0	04 11.17 +17 08.2 21.0	-0.89 - 2.1	1.2/26.4	66253
2005 QP ₃₅	2009 11 27.0	04 11.18 +16 10.4 19.6	-1.07 - 1.9	2.2/26.4	66203
2007 CT ₄	2009 11 27.0	04 11.18 +20 44.0 20.2	-1.11 - 3.6	0.2/27.0	66268
2006 BX ₄	2009 11 27.0	04 11.21 +26 47.3 20.4	-1.00 - 3.8	2.0/28.0	65509
2006 DP ₉₂	2009 11 27.0	04 11.21 +20 39.3 21.1	-0.86 - 2.4	0.1/27.0	66256
2009 VM ₇₅	2009 11 27.0	04 11.23 +28 47.8 18.6	-0.90 - 6.5	4.3/28.6	66002
2003 BN ₈₃	2009 11 27.0	04 11.26 +11 38.6 19.1	-1.02 - 1.9	4.2/25.7	66148
2009 VT ₉₀	2009 11 27.0	04 11.29 +29 40.2 20.0	-1.02 - 1.2	3.7/28.2	66006
2006 AT ₁	2009 11 27.0	04 11.31 +20 27.9 19.7	-0.97 - 4.1	0.2/26.9	66246
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 21.6	-1.03 - 3.8	3.0/25.8	66317
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 20.4	-1.10 - 4.8	2.0/26.2	66149
2004 TN ₂₅	2009 11 27.0	04 11.46 +07 40.9 20.6	-0.89 - 4.5	4.2/24.8	57406
2000 JR ₈	2009 11 27.0	04 11.48 +10 39.1 19.5	-1.25 -14.8	4.6/24.6	65307
2007 FG ₃₈	2009 11 27.0	04 11.50 +33 14.4 20.5	-1.07 - 4.2	3.8/29.1	43278
2009 SG ₂₃₅	2009 11 27.0	04 11.50 +30 11.4 18.3	-1.26 + 5.7	4.2/28.0	65783
2004 RZ ₃₀₇	2009 11 27.0	04 11.51 -01 29.9 19.9	-0.88 - 6.3	7.9/22.9	66181
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 TE ₁₁₅	2009 11 27.0	04 11.54 +18 53.7 19.7	-0.91 - 5.8	0.8/26.7	65404
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 11.58 +21 46.2 20.7	-0.90 - 1.9	0.2/27.2	66252
2002 VO ₄₅	2009 11 27.0	04 11.59 +16 35.4 19.1	-1.07 - 7.7	1.8/26.2	65347
2009 UC ₁₃₀	2009 11 27.0	04 11.62 +27 38.8 18.3	-1.59 +12.7	2.9/27.0	65952
2004 GU ₅₃	2009 11 27.0	04 11.65 +23 54.0 20.5	-1.14 - 2.3	1.1/27.5	66171
2004 QU ₄	2009 11 27.1	04 11.60 +20 49.9 19.7	-0.98 - 4.8	0.1/27.1	66175
2009 WN ₈₅	2009 11 27.1	04 11.64 +29 30.8 20.9	-1.01 + 0.6	2.7/28.1	66021
2000 YS ₂	2009 11 27.1	04 11.66 +26 16.4 18.2	-1.26 + 4.2	3.0/27.5	66100
2005 SK ₃₂	2009 11 27.1	04 11.67 +18 07.9 20.5	-1.11 - 2.0	1.2/26.7	66209
2003 GS ₄₃	2009 11 27.1	04 11.68 +04 00.5 20.5	-0.95 + 0.4	5.4/25.2	43171

2004 YV ₂₅	2009 11 27.1	04 11.71 +10 18.9 20.0	-0.86 + 0.2	3.5/25.8	66193
2002 VY ₅₃	2009 11 27.1	04 11.75 +14 12.5 19.3	-1.06 - 5.5	3.1/26.0	66143
2005 YW ₉₄	2009 11 27.1	04 11.76 -10 18.7 18.5	-0.98 + 6.3	14.7/26.0	66242
2005 VZ ₇₃	2009 11 27.1	04 11.77 +17 08.5 20.2	-1.09 + 1.5	1.6/26.8	66230
2005 WU ₃₈	2009 11 27.1	04 11.79 +12 04.3 19.3	-1.07 + 2.9	3.6/26.4	66232
2005 QB ₉	2009 11 27.1	04 11.79 +40 33.9 19.7	-1.37 - 1.6	8.0/29.9	62426
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	66204
2008 RK ₁₀₉	2009 11 27.1	04 11.87 +28 01.0 20.5	-0.93 - 1.7	2.1/28.2	66324
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	66286
2008 QL ₃₃	2009 11 27.1	04 11.95 +06 19.8 20.6	-0.80 - 3.0	4.4/24.9	50152
2002 XO ₁₁₈	2009 11 27.1	04 12.06 +16 58.7 20.1	-1.09 - 7.1	1.7/26.4	65351
2008 GE ₁₃₁	2009 11 27.2	04 11.97 +14 32.6 19.8	-1.05 - 1.4	2.7/26.4	66317
2007 GJ ₇₁	2009 11 27.2	04 11.97 +28 53.0 20.8	-1.02 + 1.1	2.3/28.1	65560
2005 TZ ₁₃	2009 11 27.2	04 11.99 +18 00.3 20.0	-1.06 - 2.9	1.4/26.8	66215
2008 TA ₁₁₂	2009 11 27.2	04 12.01 +22 13.0 19.9	-0.57 - 2.2	0.2/27.4	66332
2006 BJ ₁₆₅	2009 11 27.2	04 12.02 +26 46.6 20.0	-0.97 - 3.6	2.3/28.1	65515
2009 VF ₄₅	2009 11 27.2	04 12.03 +28 47.6 19.3	-1.00 - 0.3	2.7/28.2	65989
2003 UX ₂₄₄	2009 11 27.2	04 12.03 +16 53.5 19.1	-0.88 - 0.2	1.5/26.7	66163
2006 ET ₅₃	2009 11 27.2	04 12.05 +07 51.1 21.4	-0.79 - 3.5	3.7/25.0	46446
2005 YU ₄₂	2009 11 27.2	04 12.09 +15 55.7 19.4	-0.96 - 1.7	2.0/26.5	65495
2004 RS ₁₅₀	2009 11 27.2	04 12.12 +08 15.4 20.0	-0.91 - 3.8	4.6/25.2	47306
2002 RX ₁₃₂	2009 11 27.2	04 12.17 +16 00.2 19.9	-1.19 - 0.7	2.2/26.7	66138
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 12.25 +26 56.6 20.1	-1.06 - 1.1	2.2/28.0	66282
2004 TG ₅₈	2009 11 27.2	04 12.27 +16 33.2 20.3	-0.93 - 3.2	1.7/26.6	65403
2005 YO ₇₄	2009 11 27.2	04 12.28 +27 50.0 19.6	-0.94 - 6.6	3.4/28.6	65496
1999 TY ₇₅	2009 11 27.2	04 12.31 +26 01.4 20.2	-1.01 - 1.1	1.7/28.0	66088
2002 DL ₁₀	2009 11 27.2	04 12.32 +29 33.0 19.9	-1.09 - 3.2	3.5/28.5	66129
2005 YU ₁₄₂	2009 11 27.2	04 12.33 +18 50.7 19.4	-1.03 - 0.3	1.0/27.0	65501
2005 SE ₅₇	2009 11 27.2	04 12.37 +33 17.1 20.2	-1.23 - 1.9	5.3/29.0	59757
2004 LB ₁₄	2009 11 27.2	04 12.39 +04 04.4 22.2	-0.98 - 1.3	5.8/25.2	39741
2007 GZ ₂₃	2009 11 27.2	04 12.39 +22 51.1 20.7	-1.03 - 1.9	0.6/27.5	64318
1995 UR ₁₅	2009 11 27.2	04 12.40 +18 47.7 19.7	-0.98 - 0.5	0.9/27.0	66082
2005 YF ₁₃₆	2009 11 27.2	04 12.43 +21 38.4 20.7	-1.00 - 1.2	0.2/27.4	66243
2001 UA ₁₈₄	2009 11 27.2	04 12.43 -15 39.2 19.4	-1.04 -13.2	18.3/16.4	66113
2006 HT ₃₉	2009 11 27.2	04 12.44 +22 56.0 18.6	-1.12 + 4.9	0.6/27.4	66260
2009 SM ₃₄₆	2009 11 27.3	04 12.41 +27 09.3 19.1	-1.20 + 2.5	2.2/28.0	65830
2006 BO ₁₅₅	2009 11 27.3	04 12.42 +14 21.8 21.0	-0.84 - 1.5	1.9/26.4	66252
2003 FT ₃₃	2009 11 27.3	04 12.43 +25 39.7 21.3	-1.06 - 1.5	1.5/28.0	66150
2005 WB ₅₁	2009 11 27.3	04 12.45 +19 09.8 18.4	-1.06 + 1.3	0.9/27.1	66233
2001 YE ₅₃	2009 11 27.3	04 12.47 +30 12.9 18.7	-1.08 - 6.1	3.5/29.0	66121
2007 GQ ₃₃	2009 11 27.3	04 12.48 +22 25.0 20.6	-1.11 - 1.2	0.5/27.5	66281
2001 PQ ₁₈	2009 11 27.3	04 12.49 +50 00.6 20.8	-1.59 - 2.3	11.4/02.7	17934
2006 BM	2009 11 27.3	04 12.49 +10 18.5 19.8	-0.92 + 2.6	5.4/26.3	65509
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	66142
2005 UC ₃₈₉	2009 11 27.3	04 12.55 -01 18.7 20.8	-1.04 -11.5	8.3/21.8	20429

2007 HL ₃₀	2009 11 27.3	04 12.56 +19 54.7 20.5	-1.01 - 2.0	0.5/27.2	65562
2004 PG ₅	2009 11 27.3	04 12.58 +09 48.1 20.3	-0.98 - 2.8	4.3/25.8	39742
2005 YO ₂₁₀	2009 11 27.3	04 12.59 +25 21.2 18.4	-1.03 + 2.2	2.2/28.0	66245
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 20.6	-1.03 - 4.0	3.3/26.0	66271
2005 SG ₁₂₇	2009 11 27.3	04 12.63 +17 59.1 20.8	-1.09 - 3.1	1.2/26.9	65445
2007 JV ₄₁	2009 11 27.3	04 12.63 +25 01.4 19.8	-1.05 - 0.6	1.4/27.8	66286
2002 GS ₁₅₂	2009 11 27.3	04 12.64 +10 46.1 22.3	-0.84 - 1.7	2.7/25.9	42612
2001 TK ₃₈	2009 11 27.3	04 12.69 +33 23.5 17.7	-1.12 - 3.7	5.7/29.4	66109
2005 QM ₁₂₉	2009 11 27.3	04 12.71 +13 41.4 20.1	-1.10 - 1.4	3.2/26.4	66205
2007 DS ₇₀	2009 11 27.3	04 12.72 +30 52.4 18.4	-1.09 - 1.1	5.1/28.7	65547
2005 YZ ₃₄	2009 11 27.3	04 12.73 +25 02.9 19.8	-0.98 - 3.6	1.3/28.0	66240
2005 PZ ₅	2009 11 27.3	04 12.78 -14 21.9 21.6	-1.02 - 2.6	12.4/22.3	58505
2009 VZ ₃₈	2009 11 27.3	04 12.78 +23 14.9 18.6	-1.00 - 4.6	1.0/27.7	65982
2002 GB ₃₇	2009 11 27.3	04 12.80 +25 38.3 19.8	-1.11 + 0.1	1.8/27.9	66131
2005 SH ₆₄	2009 11 27.3	04 12.84 +23 31.6 20.1	-1.16 - 2.0	1.0/27.7	66210
2005 AZ ₃₆	2009 11 27.3	04 12.84 -02 09.6 19.9	-0.81 - 0.3	7.3/24.2	66194
2000 DP ₄₃	2009 11 27.3	04 12.85 +09 13.9 20.1	-0.83 - 2.0	3.8/25.6	66091
2001 HS ₁₃	2009 11 27.3	04 12.87 -10 31.8 21.4	-0.73 - 2.5	7.3/22.1	21763
2009 VY ₄₄	2009 11 27.4	04 12.83 +14 17.6 19.8	-0.81 - 5.8	2.2/26.1	65988
2002 CS ₁₈₅	2009 11 27.4	04 12.88 +21 45.9 20.5	-1.01 - 1.8	0.2/27.5	66127
1994 GR ₄	2009 11 27.4	04 12.89 +12 34.6 19.7	-0.93 - 5.5	3.6/25.9	65296
2007 BZ ₁₂	2009 11 27.4	04 12.90 +23 45.3 21.1	-1.16 - 2.3	1.0/27.8	66266
2005 SJ ₂₇₀	2009 11 27.4	04 12.97 +16 48.2 20.2	-1.02 - 5.6	1.8/26.7	66215
2004 RA ₁₄₆	2009 11 27.4	04 12.99 +40 22.0 19.9	-1.19 - 0.5	8.0/30.0	66178
2003 JG ₁₇	2009 11 27.4	04 13.01 +16 24.1 20.7	-0.92 - 1.6	1.4/26.8	66152
2005 YS ₁₆₄	2009 11 27.4	04 13.01 +29 04.7 18.9	-1.03 - 1.3	3.8/28.5	66244
2007 TG ₄₃₇	2009 11 27.4	04 13.11 +15 31.2 20.3	-0.56 - 1.6	1.1/26.6	66305
2005 WK ₁₀₅	2009 11 27.4	04 13.11 +00 59.6 19.2	-1.04 + 1.5	8.2/25.7	66234
2005 QP ₁₂₁	2009 11 27.4	04 13.15 +22 02.1 19.5	-1.05 - 3.2	0.4/27.6	65435
2009 VB ₂₃	2009 11 27.4	04 13.17 +17 41.9 20.3	-1.07 - 4.5	1.4/26.9	65972
2006 DX ₂₀	2009 11 27.4	04 13.17 +09 14.6 19.8	-0.88 - 2.8	4.3/25.7	66255
2005 TD ₁₅₃	2009 11 27.4	04 13.17 +13 26.1 20.2	-1.00 - 7.2	3.3/26.0	65456
2002 LM ₆₂	2009 11 27.4	04 13.20 +00 47.5 19.6	-0.87 + 1.7	6.4/25.3	66133
2004 QM ₃	2009 11 27.4	04 13.21 +02 40.3 19.1	-0.91 - 3.8	7.0/24.4	66175
2002 QH ₆₆	2009 11 27.4	04 13.21 +16 42.5 18.9	-1.09 - 1.7	2.2/26.9	66136
2002 AR ₁₂₁	2009 11 27.4	04 13.26 +41 28.5 19.2	-1.20 - 3.4	7.2/30.8	47197
2008 QE ₆	2009 11 27.4	04 13.27 +18 06.6 20.3	-0.85 - 4.4	0.9/27.0	66322
2005 YR ₁₂₃	2009 11 27.4	04 13.29 +17 16.5 20.5	-1.02 0.0	1.5/27.0	65500
2000 GB ₁₀₄	2009 11 27.4	04 13.33 +20 46.4 19.9	-1.09 - 1.7	0.1/27.4	66093
2007 HE ₉	2009 11 27.4	04 13.35 +18 02.9 20.5	-1.07 - 4.7	1.3/27.0	66283
2002 EY ₅₉	2009 11 27.5	04 13.26 +42 19.4 20.4	-1.19 - 1.8	6.7/30.7	58426
2009 WM ₂₀₆	2009 11 27.5	04 13.27 +24 06.1 19.9	-0.96 - 4.8	1.0/28.0	66024
2005 SX ₃₃	2009 11 27.5	04 13.29 +19 02.6 19.2	-1.02 0.0	1.1/27.3	65441
2009 WY ₇₄	2009 11 27.5	04 13.32 +16 14.7 21.2	-1.11 - 4.7	2.0/26.8	66019
2006 AQ ₆₉	2009 11 27.5	04 13.36 +14 02.3 20.3	-0.94 0.0	2.2/26.7	66248
2007 EX ₈₁	2009 11 27.5	04 13.38 +23 13.9 20.2	-1.04 - 1.2	0.7/28.0	66275
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
2005 QJ ₅₇	2009 11 27.5	04 13.43 +20 41.2 20.0	-1.10 - 3.8	11.0/18.0	90230
2006 HK ₄₉	2009 11 27.5	04 13.43 +17 47.6 19.1	-0.90 - 1.1	1.2/27.1	66260

2007 EO ₁₁₉	2009 11 27.5	04 13.45 +20 28.7 19.9	-1.00 - 1.4	0.2/27.4	66276
2009 VQ ₃₂	2009 11 27.5	04 13.48 +26 48.7 19.9	-1.14 - 4.3	2.7/28.4	65979
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	66272
2004 PB ₆₇	2009 11 27.5	04 13.57 +38 46.0 19.2	-1.17 - 4.0	6.0/30.6	66175
2005 AF ₅₁	2009 11 27.5	04 13.60 +05 57.6 19.9	-0.80 - 1.1	4.5/25.5	66194
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 22.9 20.2	-0.92 - 3.9	3.4/26.0	66130
2009 US ₆₉	2009 11 27.5	04 13.68 +17 15.2 18.9	-0.87 - 6.1	1.5/26.9	65915
2005 MT ₄₈	2009 11 27.5	04 13.70 +09 42.3 21.5	-1.10 - 2.2	4.5/26.1	87693
2005 UP ₁₀₃	2009 11 27.5	04 13.73 +20 17.5 20.6	-1.11 - 1.6	9.6/18.0	66221
2001 SS ₁₁₆	2009 11 27.5	04 13.73 +21 55.8 18.2	-1.01 - 6.5	0.3/27.7	66106
2009 WC ₈₇	2009 11 27.6	04 13.67 +27 12.3 20.4	-1.02 + 1.8	1.8/28.2	66021
2005 XP ₁₀₉	2009 11 27.6	04 13.69 +20 17.3 20.7	-1.02 - 2.4	0.3/27.5	41835
2000 SY ₂₂₄	2009 11 27.6	04 13.70 +05 21.5 18.8	-0.89 - 6.4	6.4/24.5	66096
2005 GQ ₅₀	2009 11 27.6	04 13.75 +20 02.8 19.8	-1.23 - 2.2	10.5/18.0	66197
2005 TY ₁₃₉	2009 11 27.6	04 13.78 +15 08.8 20.1	-1.04 - 3.0	2.6/26.7	66217
2007 DL ₇₂	2009 11 27.6	04 13.78 +27 04.6 23.2	-1.01 - 2.0	1.7/28.4	20850
2004 CO ₁₀₆	2009 11 27.6	04 13.78 +18 37.3 20.1	-1.12 - 5.9	1.1/27.2	66168
2007 BN	2009 11 27.6	04 13.79 +12 45.0 19.3	-1.12 + 1.0	4.2/26.8	65538
2006 HW ₁₃₅	2009 11 27.6	04 13.80 +31 15.2 19.8	-1.02 + 0.5	3.6/28.8	04375
2006 DR ₃₃	2009 11 27.6	04 13.80 +26 28.0 21.3	-0.90 - 1.6	1.5/28.4	66255
2009 WO ₁₇₇	2009 11 27.6	04 13.81 +28 19.0 21.0	-0.99 + 0.9	2.4/28.4	66023
2002 OE ₆	2009 11 27.6	04 13.83 +33 57.0 19.8	-0.94 - 4.9	3.6/30.0	47219
2005 AC ₃₀	2009 11 27.6	04 13.86 +21 14.9 18.8	-0.96 + 1.9	0.0/27.6	66194
2005 YX ₁₂₃	2009 11 27.6	04 13.88 +23 15.4 18.3	-1.01 - 0.4	1.0/28.0	66243
2003 SF ₄₃₂	2009 11 27.6	04 13.88 +16 26.0 21.5	-0.85 - 3.3	1.6/26.9	65375
2005 CG ₄₃	2009 11 27.6	04 13.90 -05 54.8 19.4	-0.83 + 0.5	9.7/23.9	97780
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 20.4	-0.81 - 1.9	2.4/26.4	66082
2000 SW ₆₄	2009 11 27.6	04 13.97 +00 21.7 18.9	-0.87 - 5.3	8.3/23.9	66095
2005 PW ₁₈	2009 11 27.6	04 14.01 +11 10.5 20.1	-1.09 - 1.9	4.3/26.4	66202
2001 TM ₁₇₈	2009 11 27.6	04 14.05 +18 58.9 19.6	-1.03 - 5.2	0.9/27.3	66110
2005 QC ₈	2009 11 27.6	04 14.11 +17 39.2 19.4	-1.04 - 2.4	1.7/27.2	65428
2002 YQ ₂₉	2009 11 27.6	04 14.13 +18 12.8 18.9	-1.09 - 0.9	1.4/27.3	66147
2007 EZ ₁₃₃	2009 11 27.6	04 14.13 +25 08.5 20.1	-1.15 - 1.8	1.8/28.0	66276
2008 NN ₃	2009 11 27.6	04 14.15 +24 08.6 20.7	-1.02 - 3.4	1.0/28.1	41928
2002 TH ₂₉₈	2009 11 27.7	04 14.11 +32 31.8 19.0	-1.27 - 1.1	5.2/29.2	66142
2009 VO ₄₅	2009 11 27.7	04 14.13 +13 46.7 19.7	-0.97 - 6.2	3.0/26.4	65990
2004 YA ₁₉	2009 11 27.7	04 14.15 +01 01.2 19.2	-0.85 + 1.4	6.5/25.6	66193
2007 EN ₁₈₉	2009 11 27.7	04 14.19 +12 42.4 20.6	-1.02 - 4.3	3.5/26.4	41331
2009 UB ₂₃	2009 11 27.7	04 14.19 +25 30.4 20.3	-0.96 - 0.7	1.6/28.3	65885
2004 SZ ₃₄	2009 11 27.7	04 14.19 +30 34.7 20.1	-1.00 - 4.8	4.0/29.3	00788
2002 VH ₁₄₂	2009 11 27.7	04 14.20 +14 22.5 19.9	-1.06 - 4.5	3.1/26.6	65348
2007 HJ ₇₃	2009 11 27.7	04 14.21 +14 59.1 21.6	-0.84 - 2.7	1.8/26.8	47432
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 HB ₁	2009 11 27.7	04 14.24 +18 47.3 20.1	-1.07 - 5.8	0.9/27.3	65560
2005 TW ₂	2009 11 27.7	04 14.25 +34 04.2 20.0	-1.24 - 1.7	5.5/29.4	66215

2004 HG ₃₈	2009 11 27.7	04 14.26 +12 14.5 21.1	-1.03	- 2.3	3.0/26.5	66172
2001 QV ₂₂₈	2009 11 27.7	04 14.26 +24 25.0 19.0	-1.07	- 6.5	1.3/28.3	66104
2008 JX ₁₉	2009 11 27.7	04 14.28 +22 50.8 18.8	-1.06	- 7.7	0.6/28.0	66319
2009 VQ ₂₂	2009 11 27.7	04 14.31 +18 09.2 20.3	-0.86	- 2.5	1.0/27.3	65971
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
2009 VA ₃₀	2009 11 27.7	04 14.38 +27 28.4 19.1	-1.15	+ 2.2	2.7/28.3	65976
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	66287
2008 PK ₁₂	2009 11 27.7	04 14.50 +53 35.1 19.8	-1.48	- 3.7	11.2/03.8	49034
2009 VG ₂₃	2009 11 27.7	04 14.53 +18 56.7 18.7	-1.10	- 1.6	1.3/28.0	65972
2007 DH ₁₀₅	2009 11 27.7	04 14.53 +23 56.1 20.0	-1.01	- 0.9	0.9/28.1	66272
1998 VR ₄₈	2009 11 27.7	04 14.57 +19 54.5 19.8	-0.90	- 2.3	0.5/27.6	66086
2005 WR ₃₇	2009 11 27.7	04 14.57 +19 20.6 19.9	-1.04	- 1.4	0.8/27.5	66232
2009 VN ₄₈	2009 11 27.7	04 14.57 +18 32.0 20.6	-0.98	- 0.5	1.0/27.5	65992
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	66218
2006 BM ₉	2009 11 27.7	04 14.61 +09 09.6 19.5	-0.93	- 0.9	5.2/26.3	65509
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
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 19.0	-0.96	- 3.8	10.8/08.0	66240
2007 GV ₃₀	2009 11 27.8	04 14.76 +25 37.0 21.0	-1.02	- 1.2	1.5/28.4	66281
1996 OZ	2009 11 27.8	04 14.77 +58 12.0 18.6	-1.65	-11.1	14.3/09.6	97328
2001 XO ₂₂₄	2009 11 27.8	04 14.80 +22 41.9 18.9	-1.08	- 0.4	0.6/28.0	66120
2000 QU ₉₃	2009 11 27.8	04 14.81 +05 47.1 20.8	-0.94	- 3.7	5.4/25.5	40665
2002 PT ₁₈₇	2009 11 27.8	04 14.88 +14 12.0 21.7	-0.82	- 1.3	1.9/26.9	66135
2007 DU ₁₅	2009 11 27.8	04 14.90 +31 48.1 19.5	-1.24	- 0.6	4.7/29.1	66270
2006 HY ₁₂	2009 11 27.8	04 14.91 +12 00.0 20.6	-0.80	- 2.0	2.6/26.5	66259
2002 CV ₁₁₆	2009 11 27.8	04 14.92 +34 26.7 19.0	-1.09	- 4.1	5.7/30.0	66127
2002 QL ₈	2009 11 27.8	04 14.92 +13 34.6 20.4	-1.18	- 0.2	3.1/27.1	39169
2006 FQ ₄₃	2009 11 27.8	04 14.92 +37 00.7 19.2	-1.10	- 0.1	5.3/29.9	28246
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 19.5	-1.16	- 1.4	3.6/29.2	66094
2006 HQ ₆	2009 11 27.8	04 14.99 +14 01.5 19.4	-0.83	- 4.3	2.3/26.7	66259
2002 AH ₁₉₀	2009 11 27.8	04 14.99 +07 59.5 21.2	-1.00	+ 0.9	4.6/26.5	97554
2005 UM ₃₉₈	2009 11 27.8	04 15.03 +21 35.4 18.8	-1.16	+ 1.8	10.8/18.0	66227
2005 TF ₁₀₁	2009 11 27.8	04 15.03 +25 45.2 20.1	-1.16	- 0.9	1.7/28.4	66217
1997 NZ ₁	2009 11 27.8	04 15.03 +14 57.7 21.4	-1.07	- 1.5	2.2/27.1	66083
2009 WD ₇₅	2009 11 27.8	04 15.04 +16 09.6 20.6	-0.97	- 0.9	1.7/27.3	66019
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	66164
2004 SG ₄₉	2009 11 27.9	04 14.99 -03 11.9 19.2	-0.91	+ 0.9	9.1/25.2	62403
2003 UC ₁	2009 11 27.9	04 15.02 +22 06.8 19.9	-0.86	- 4.3	0.3/28.1	66160
2005 SR ₁₂₃	2009 11 27.9	04 15.02 +16 29.5 19.2	-1.04	- 5.8	2.0/27.1	66211
2007 JS ₁₂	2009 11 27.9	04 15.02 +09 03.9 19.9	-0.89	+ 1.0	3.6/26.6	65566
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 19.2	-1.03	- 1.6	1.2/28.3	66249
2009 VN ₇₂	2009 11 27.9	04 15.06 +09 50.1 18.8	-0.96	+ 1.5	5.5/26.9	66001
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	66157

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	66082
2003 RG ₁₅	2009 11 27.9	04 15.13 +15 30.9 19.6	-0.85	- 6.4	1.9/26.9	66154
2009 VC ₂₃	2009 11 27.9	04 15.20 +18 41.8 19.3	-1.00	- 1.2	1.1/27.6	65972
2007 HY ₆	2009 11 27.9	04 15.20 +27 21.5 20.4	-0.94	- 1.2	1.8/28.8	66283
2007 EG ₁₉₉	2009 11 27.9	04 15.22 -11 01.2 20.9	-0.97	+ 2.1	8.9/24.4	22884
2004 TG ₁₄₆	2009 11 27.9	04 15.22 +10 28.4 20.0	-0.90	- 4.0	3.8/26.3	66185
2008 QR ₄₂	2009 11 27.9	04 15.22 +53 13.7 21.2	-1.32	- 1.3	9.5/03.5	58154
2001 TT ₅	2009 11 27.9	04 15.22 +14 27.3 19.1	-1.06	0.0	3.0/27.2	66108
2006 DJ ₁₉₅	2009 11 27.9	04 15.23 +14 28.6 20.1	-0.80	- 1.4	1.8/27.0	66257
2009 WJ ₁₀₅	2009 11 27.9	04 15.24 +17 57.7 18.9	-1.19	-27.5	1.8/26.9	66023
2009 UL ₆₈	2009 11 27.9	04 15.26 +31 34.2 19.4	-1.38	+ 6.1	4.0/28.4	65914
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	66136
2005 SA ₆₉	2009 11 27.9	04 15.30 +39 35.9 20.5	-1.42	- 1.1	6.7/30.5	38895
2003 SF ₁₂₀	2009 11 27.9	04 15.31 +12 06.3 19.4	-0.85	- 2.4	3.4/26.6	65365
2001 HA ₁₁	2009 11 27.9	04 15.35 +28 04.6 21.9	-1.27	- 0.7	2.5/28.7	88792
2001 UP ₁₈₂	2009 11 27.9	04 15.37 +20 37.7 19.2	-1.07	- 0.2	11.2/18.0	66113
2007 DP ₉₁	2009 11 27.9	04 15.37 +10 23.7 20.0	-1.06	- 2.3	4.8/26.5	18213
2006 DS ₁₇	2009 11 27.9	04 15.41 +04 03.4 20.1	-0.87	- 0.6	5.7/25.8	26132
2001 SL ₃₀	2009 11 27.9	04 15.41 +22 37.7 19.5	-1.06	- 1.5	0.6/28.2	66106
2005 QG ₁₇₆	2009 11 27.9	04 15.41 +20 11.7 21.1	-1.11	- 3.4	9.4/18.0	40139
2001 WB ₁₅	2009 11 27.9	04 15.45 +29 44.9 18.8	-1.34	-19.8	4.2/30.3	65318
2007 HG ₂₈	2009 11 27.9	04 15.48 +18 50.0 20.1	-1.02	- 3.1	0.9/27.6	66283
2005 WQ ₂₁₁	2009 11 28.0	04 15.42 +20 21.3 20.1	-0.99	- 5.5	0.4/27.9	65487
2000 DE ₁₀₈	2009 11 28.0	04 15.45 +24 07.5 19.4	-0.99	- 1.7	1.0/28.4	65306
2006 DF ₄₇	2009 11 28.0	04 15.45 +01 30.7 20.6	-0.79	- 1.4	5.5/25.3	47392
2005 WM ₂₀₈	2009 11 28.0	04 15.47 +28 13.2 18.4	-1.02	- 2.2	3.5/29.0	65487
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
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 21.1	-0.96	- 2.5	1.0/27.6	66245
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	66283
2004 RN ₄₃	2009 11 28.0	04 15.67 +07 55.1 18.9	-0.87	- 4.1	5.8/25.9	65393
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 15.73 +04 35.3 19.3	-0.99	+ 2.7	6.2/26.5	66246
2008 QU ₈	2009 11 28.0	04 15.75 +21 48.7 20.5	-0.86	- 2.0	0.2/28.1	62541
2007 GW ₂₄	2009 11 28.0	04 15.81 +12 49.4 20.1	-0.90	- 5.2	2.6/26.6	66280
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 19.6	-1.01	- 1.9	2.0/28.9	66187
2004 RT ₂₃₆	2009 11 28.0	04 15.89 +24 03.0 20.2	-0.99	- 3.3	1.1/28.5	41814
2003 SS ₂₈	2009 11 28.0	04 15.90 +33 27.9 20.0	-0.99	- 2.1	3.8/29.9	66155
2009 VE ₂₃	2009 11 28.1	04 15.81 +17 34.4 18.8	-0.96	- 5.2	1.7/27.5	65972
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 SS ₁₉₉	2009 11 28.1	04 15.90 +18 27.4 20.4	-1.08	- 2.4	1.0/27.7	66107
2003 RM ₁₈	2009 11 28.1	04 15.93 +10 53.4 19.9	-0.84	- 3.8	3.2/26.5	66154
2006 FM ₄₄	2009 11 28.1	04 15.93 +06 07.0 19.8	-0.79	- 3.6	4.5/25.6	49000

2004 KH ₄	2009 11 28.1	04 15.95 +22 41.2 20.8	-1.09	- 2.7	0.5/28.3	18073
2004 TH ₁₃₅	2009 11 28.1	04 15.97 +12 52.3 19.6	-0.95	- 1.5	3.1/27.1	66185
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 18.7	-1.13	- 5.2	2.3/29.0	66142
2008 OK ₃	2009 11 28.1	04 15.99 +12 58.8 20.2	-0.92	- 1.9	2.7/27.0	66321
2004 JT ₁₆	2009 11 28.1	04 16.00 +19 44.0 20.8	-1.10	- 3.3	0.6/27.9	66173
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 20.5	-1.04	- 2.0	1.4/28.7	66178
2005 OF ₈	2009 11 28.1	04 16.08 +20 54.6 17.1	-1.08	-22.0	0.2/28.0	66201
2003 TA ₄₅	2009 11 28.1	04 16.11 +38 19.2 20.7	-1.04	- 1.5	5.2/30.6	52376
2006 GG ₄₅	2009 11 28.1	04 16.23 +38 22.5 21.7	-1.00	- 0.7	4.5/30.5	46461
2002 PL ₅₇	2009 11 28.1	04 16.24 +30 36.8 19.2	-1.27	- 3.3	4.1/29.5	66134
2007 EE ₄₈	2009 11 28.1	04 16.25 +13 54.7 21.1	-0.94	- 2.8	2.4/27.1	66274
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 18.4	-1.07	+ 2.9	3.1/27.7	66148
2006 BR ₂₉	2009 11 28.1	04 16.29 +24 57.8 19.7	-1.02	- 2.0	1.4/28.7	66249
2006 BT ₅₉	2009 11 28.1	04 16.33 +28 46.6 19.4	-1.01	- 2.6	2.6/29.3	66250
2000 EF ₃	2009 11 28.2	04 16.26 +33 14.0 19.6	-1.25	- 1.8	4.8/29.7	19521
2007 EV ₇₉	2009 11 28.2	04 16.26 +11 07.7 18.7	-0.89	- 5.1	4.8/26.5	65552
2008 JJ ₃₇	2009 11 28.2	04 16.27 +19 14.0 20.6	-1.19	- 1.1	0.8/28.0	66320
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	66154
2002 OR ₆	2009 11 28.2	04 16.34 +25 01.3 20.7	-0.85	- 3.5	0.9/28.8	55073
2005 UH ₃₄₅	2009 11 28.2	04 16.36 +19 46.8 19.8	-1.04	+ 1.2	0.7/28.1	65468
2004 EJ ₁₄	2009 11 28.2	04 16.37 +22 17.9 19.7	-1.19	- 1.2	0.4/28.3	66169
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
2004 RT ₁₈₁	2009 11 28.2	04 16.48 +38 08.8 20.7	-1.15	- 2.9	6.0/30.9	47307
2003 SC ₃₁₀	2009 11 28.2	04 16.48 +18 20.6 19.5	-0.88	- 1.4	1.1/27.9	66159
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	66105
2005 YM ₅₅	2009 11 28.2	04 16.56 -37 28.3 19.1	-0.74	- 4.0	26.6/13.0	65496
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	62674
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
2004 TX ₁₅₁	2009 11 28.2	04 16.67 +19 13.6 20.0	-0.95	- 3.2	0.8/28.0	65405
2005 WW ₅₆	2009 11 28.2	04 16.67 +25 26.6 20.0	-1.14	- 1.5	1.7/28.8	65478
2007 LB ₁₁	2009 11 28.2	04 16.68 +15 57.4 20.8	-0.90	+ 0.7	1.7/27.7	66287
2007 JK ₃₁	2009 11 28.2	04 16.70 +19 12.0 20.2	-1.07	- 4.7	0.9/28.0	66286
2003 SW ₃₂₁	2009 11 28.2	04 16.70 +08 27.6 20.0	-0.83	- 3.8	4.4/26.2	66159
2007 DH ₁₀₁	2009 11 28.2	04 16.71 +19 36.4 19.8	-1.05	- 2.5	0.7/28.1	66272
2003 SA ₇₁	2009 11 28.2	04 16.73 +31 05.4 19.9	-0.95	- 4.3	3.4/29.9	66155
2005 QO ₁₇₂	2009 11 28.2	04 16.76 +29 07.4 19.1	-1.04	- 4.2	3.9/29.5	65436
2007 JX ₉	2009 11 28.2	04 16.77 +35 51.6 19.7	-1.21	- 0.7	6.1/30.0	66285
2004 TP ₂₅₃	2009 11 28.3	04 16.70 -09 42.8 19.5	-0.83	- 9.1	12.0/20.7	66187
2008 TN ₅₈	2009 11 28.3	04 16.73 +14 33.1 20.6	-0.56	- 1.8	1.3/27.3	66332
2003 SH ₁₃₂	2009 11 28.3	04 16.76 +22 14.1 20.1	-0.91	- 1.8	0.3/28.4	66156
2005 WQ ₃₆	2009 11 28.3	04 16.79 +17 54.8 19.8	-1.07	- 1.0	1.2/27.9	66232

2004 BQ ₉	2009 11 28.3	04 16.80 +27 56.9 19.3	-1.21	- 2.8	3.2/29.2	65383
2000 BF ₃₉	2009 11 28.3	04 16.82 +24 51.5 20.4	-1.16	- 3.5	1.5/28.8	66091
2003 FR ₁	2009 11 28.3	04 16.83 -16 38.9 20.4	-0.98	+ 1.7	11.2/24.0	43169
2009 SK ₉₆	2009 11 28.3	04 16.84 +29 30.9 19.0	-1.17	+ 4.0	4.0/28.9	65733
2007 HQ ₈₄	2009 11 28.3	04 16.85 +09 47.0 20.3	-0.85	- 4.7	3.7/26.4	66285
2004 XS ₂₀	2009 11 28.3	04 16.85 +20 30.5 18.2	-0.93	- 3.3	0.3/28.2	66191
2002 DM ₁₁	2009 11 28.3	04 16.85 +02 54.8 19.5	-0.92	- 3.4	6.2/25.4	45938
2003 FQ ₇₄	2009 11 28.3	04 16.90 +06 36.5 21.0	-0.93	- 2.2	4.7/26.3	43170
2008 SG ₂₆₂	2009 11 28.3	04 16.93 +17 27.8 21.1	-0.58	- 1.4	0.8/27.8	65604
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 16.98 +18 13.8 20.8	-1.09	- 2.5	1.2/28.0	66212
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	66109
2005 QN ₇₄	2009 11 28.3	04 17.04 +25 04.6 19.7	-1.17	- 2.6	1.6/28.9	66204
2002 AC ₁₆₀	2009 11 28.3	04 17.05 +10 57.3 18.6	-0.87	- 1.6	5.2/27.0	66124
2005 WS ₂₆	2009 11 28.3	04 17.06 +24 02.9 19.7	-1.04	- 7.5	1.0/28.9	65476
2005 VC ₈₇	2009 11 28.3	04 17.07 +19 13.7 21.4	-1.07	- 2.4	0.7/28.1	96406
2003 SZ ₃₇₆	2009 11 28.3	04 17.07 +08 27.0 20.4	-0.82	- 2.9	4.0/26.5	57991
2009 UD ₉₄	2009 11 28.3	04 17.08 +00 02.1 18.8	-1.14	-18.5	10.9/22.6	66383
2006 DX ₁₃₄	2009 11 28.3	04 17.10 +36 55.8 18.8	-0.81	- 0.1	8.9/30.5	66256
2002 JY ₃	2009 11 28.3	04 17.14 +28 53.0 19.4	-1.63	+10.8	3.2/28.3	66132
2003 SO ₁₀₄	2009 11 28.3	04 17.14 +27 03.0 19.7	-0.93	- 2.1	2.0/29.2	65365
2002 CN ₂₆₁	2009 11 28.3	04 17.15 +16 55.4 18.6	-1.01	+ 0.4	2.0/27.9	66128
2004 RH ₂₆₄	2009 11 28.4	04 17.14 +27 24.3 20.2	-1.05	- 1.6	2.4/29.2	65399
2005 TZ ₁₇	2009 11 28.4	04 17.19 +20 19.8 18.5	-1.05	+ 0.1	0.5/28.3	66215
2005 SG ₂₁₁	2009 11 28.4	04 17.21 +22 33.9 19.6	-1.05	- 2.8	0.6/28.6	65449
2000 DS ₉₅	2009 11 28.4	04 17.24 -07 51.8 19.6	-0.82	- 0.6	9.5/24.1	20753
2007 EJ ₇₆	2009 11 28.4	04 17.26 +21 16.9 20.4	-1.11	- 3.3	0.0/28.4	65551
2002 XA ₇₂	2009 11 28.4	04 17.26 +28 31.6 18.3	-1.13	+ 1.4	3.8/29.1	66146
2009 WW ₈₅	2009 11 28.4	04 17.27 +29 44.2 20.0	-1.28	+ 0.1	3.6/29.4	66021
2001 RT ₁₂₁	2009 11 28.4	04 17.27 +23 47.5 20.9	-1.15	- 1.8	1.0/28.7	94041
2005 VJ ₁₁₀	2009 11 28.4	04 17.28 +20 58.3 20.0	-1.09	- 1.7	0.1/28.4	66231
2000 HR ₄₉	2009 11 28.4	04 17.28 +28 36.7 20.0	-1.19	+ 0.3	2.5/29.2	90027
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 XJ ₆	2009 11 28.4	04 17.33 +26 52.3 19.2	-1.08	- 3.7	2.1/29.3	66237
2004 GK ₄₂	2009 11 28.4	04 17.35 +26 30.3 20.8	-1.20	+ 0.1	2.0/29.0	66171
2002 TE ₆₃	2009 11 28.4	04 17.37 +15 32.4 19.5	-1.05	- 6.3	2.7/27.5	66140
2007 CF ₂₁	2009 11 28.4	04 17.38 +09 29.9 20.6	-1.06	- 1.8	4.7/26.9	55303
2004 FG ₈	2009 11 28.4	04 17.41 +23 22.7 20.3	-1.21	- 0.2	1.0/28.7	66170
2000 DF ₁₁	2009 11 28.4	04 17.43 +62 12.1 20.3	-2.18	- 3.3	20.8/07.8	10726
2003 BU	2009 11 28.4	04 17.45 +08 20.4 18.9	-1.13	+ 3.2	5.3/27.5	66147
2007 CO ₃₈	2009 11 28.4	04 17.49 +17 46.1 21.1	-1.01	- 2.5	1.1/28.0	19698
2007 EJ ₆₉	2009 11 28.4	04 17.50 +10 06.6 20.6	-1.00	- 3.0	4.4/26.8	66274
2002 CS ₂₂₉	2009 11 28.4	04 17.50 +33 45.5 21.2	-1.09	- 2.2	4.1/30.2	45937
2003 FN ₁₀	2009 11 28.4	04 17.51 +17 52.4 20.7	-0.99	- 2.2	1.2/28.0	66150
2005 YE ₂₀₈	2009 11 28.4	04 17.51 +03 24.9 18.4	-0.78	- 8.3	8.7/24.6	65504
2004 HO ₃₅	2009 11 28.4	04 17.53 +24 09.6 21.0	-1.11	- 2.3	1.0/28.9	66172
2005 SP ₇₉	2009 11 28.4	04 17.53 +18 13.2 19.9	-1.02	- 2.3	1.5/28.1	66210
2001 UB ₁₁	2009 11 28.4	04 17.54 +19 30.7 18.5	-1.16	+ 3.4	0.8/28.4	66111
2005 QN ₁₈₀	2009 11 28.4	04 17.56 +23 46.4 19.8	-1.21	+ 0.7	1.1/28.7	65437

2006 DU ₂₈	2009 11 28.4	04 17.56 +33 54.5 21.9	-0.95	- 1.2	3.4/30.2	48993
2002 CZ ₃₀₅	2009 11 28.4	04 17.59 +10 12.0 19.6	-0.95	- 3.8	4.3/26.7	65324
2004 RJ ₁₀₅	2009 11 28.4	04 17.61 +20 01.2 18.8	-0.93	- 6.3	0.5/28.3	66178
2002 CT ₁₅₀	2009 11 28.5	04 17.53 +31 48.4 20.3	-1.11	- 2.2	4.0/29.9	97568
2004 TL ₂₂₈	2009 11 28.5	04 17.53 +20 53.1 20.3	-0.95	- 3.1	0.2/28.4	66186
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 YN ₉₂	2009 11 28.5	04 17.58 +15 23.2 20.3	-0.94	- 1.7	2.0/27.7	66242
2003 QQ ₄₆	2009 11 28.5	04 17.60 -06 49.2 18.7	-0.85	+ 2.1	10.4/26.0	66154
2005 UR ₄₄₁	2009 11 28.5	04 17.61 +20 35.2 19.8	-1.10	+ 0.4	0.3/28.4	66227
1994 JZ ₃	2009 11 28.5	04 17.67 +17 28.9 20.5	-1.09	- 5.2	1.5/27.9	66081
2005 SS ₂₆₄	2009 11 28.5	04 17.68 +13 44.6 19.4	-1.01	- 2.8	3.6/27.4	66214
2006 BA ₄₀	2009 11 28.5	04 17.69 +23 39.2 19.6	-0.96	- 2.2	0.8/28.9	66249
2009 WR ₇₃	2009 11 28.5	04 17.70 +17 54.0 20.1	-0.90	- 1.5	1.2/28.1	66018
2004 RG ₂₂₇	2009 11 28.5	04 17.77 +39 43.7 20.3	-1.20	- 0.4	6.0/30.8	47309
2009 WQ ₄₅	2009 11 28.5	04 17.77 +18 19.7 19.7	-1.00	0.0	1.2/28.2	66015
2005 XW ₃₃	2009 11 28.5	04 17.78 +25 46.9 19.2	-1.02	- 6.8	1.5/29.4	66237
2008 PB ₁₇	2009 11 28.5	04 17.79 +29 46.1 19.8	-0.98	- 4.1	2.8/29.9	47451
2004 RV ₃₄₅	2009 11 28.5	04 17.79 +01 08.2 20.0	-0.92	- 0.1	6.7/26.3	59739
2006 BG ₆₉	2009 11 28.5	04 17.83 +16 33.8 20.2	-0.96	0.0	1.7/28.0	65511
2007 EG ₈₇	2009 11 28.5	04 17.84 +12 38.9 20.7	-0.93	- 2.6	2.6/27.3	59791
2005 WR ₁₆₂	2009 11 28.5	04 17.86 +29 11.4 19.3	-1.04	- 5.8	2.8/29.9	66236
2003 GO ₃₄	2009 11 28.5	04 17.87 +13 35.9 20.7	-1.01	- 1.2	2.8/27.6	66151
2003 SK ₂₂₅	2009 11 28.5	04 17.89 +31 41.7 20.4	-0.97	- 1.1	3.0/30.0	48901
2006 AL ₉₆	2009 11 28.5	04 17.90 +06 17.3 19.2	-0.92	- 0.7	5.5/26.7	66248
2005 NP ₉₇	2009 11 28.5	04 17.91 +10 37.0 20.8	-1.10	- 2.8	4.1/27.2	66200
2001 TN ₁₈₃	2009 11 28.5	04 17.93 +27 46.2 19.7	-1.14	- 0.2	2.8/29.3	66110
2007 ET ₄₂	2009 11 28.5	04 17.93 +29 17.0 21.1	-1.11	- 1.5	2.8/29.6	66274
2008 QB ₁₀	2009 11 28.5	04 17.94 +00 13.4 21.6	-0.76	- 2.6	5.4/25.4	46612
2003 SX ₁₀₁	2009 11 28.5	04 17.95 +20 57.4 18.9	-0.86	- 5.7	0.1/28.5	66156
2006 BA ₈₃	2009 11 28.5	04 17.96 +13 35.3 19.9	-0.94	- 2.2	3.1/27.5	66250
2004 RV ₁	2009 11 28.5	04 17.99 +17 49.1 20.3	-0.98	- 2.4	1.3/28.1	66176
2001 YY ₂₅	2009 11 28.5	04 18.01 +21 54.8 18.8	-1.07	- 1.8	0.2/28.7	66121
2009 WK ₂₁₀	2009 11 28.5	04 18.01 +18 27.1 20.9	-0.95	- 1.4	1.1/28.2	66025
2003 UB ₃₃	2009 11 28.5	04 18.03 +28 10.3 20.3	-0.98	+ 0.2	2.2/29.4	66161
2005 CB ₅	2009 11 28.6	04 17.99 +38 30.5 20.5	-1.06	- 2.1	5.3/31.0	77809
2003 SJ ₁₆₄	2009 11 28.6	04 18.00 +46 53.8 20.1	-1.29	+ 1.4	7.7/01.8	42649
2007 CK ₂₁	2009 11 28.6	04 18.01 +19 49.4 19.0	-1.08	- 5.3	0.7/28.4	66268
2005 MC ₁₃	2009 11 28.6	04 18.07 +15 16.0 21.3	-1.15	- 1.3	2.3/27.9	66199
2006 DP ₁₁₉	2009 11 28.6	04 18.11 +01 27.3 20.0	-0.80	+ 0.3	5.2/26.4	66256
2006 AN ₃₁	2009 11 28.6	04 18.14 +36 48.7 20.0	-1.11	- 5.0	5.3/01.3	96917
2007 GH ₁₇	2009 11 28.6	04 18.15 +20 25.2 19.7	-0.95	- 4.1	0.3/28.5	66280
2002 QV ₂₅	2009 11 28.6	04 18.16 +26 19.5 20.7	-0.90	- 2.1	1.5/29.3	66135
2009 VA ₃₃	2009 11 28.6	04 18.16 +28 19.5 19.7	-0.99	+ 1.4	2.0/29.3	65979
2005 TU ₁₆	2009 11 28.6	04 18.22 +22 25.1 21.6	-1.13	- 3.0	0.4/28.8	95976
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 WY ₅	2009 11 28.6	04 18.23 +31 39.7 19.7	-1.24	- 3.0	4.5/30.1	14685
2003 UL ₇	2009 11 28.6	04 18.23 +30 48.3 20.2	-1.00	+ 0.5	3.0/29.7	60789
1999 TF ₁₁₇	2009 11 28.6	04 18.24 +26 24.9 19.5	-1.21	- 2.9	2.5/29.3	65303
2008 PQ ₁₉	2009 11 28.6	04 18.30 +31 14.8 20.7	-0.95	- 1.8	3.2/30.0	46603
1999 CL ₁₃₇	2009 11 28.6	04 18.31 +21 20.7 20.7	-1.08	- 2.8	0.0/28.7	43096
2003 HY ₂	2009 11 28.6	04 18.34 +38 53.7 20.4	-1.32	+ 2.2	7.0/30.3	19599

2005 XF ₈	2009 11 28.6	04 18.34 +05 31.8 19.2	-0.90	- 4.0	7.7/26.3	66237
2007 EM ₁₇₀	2009 11 28.6	04 18.34 +11 33.7 21.1	-1.05	- 2.0	3.7/27.4	66277
2005 SX ₂₉₂	2009 11 28.6	04 18.35 +19 47.0 19.7	-1.05	- 4.8	0.7/28.4	65452
2006 EC ₇₃	2009 11 28.6	04 18.38 +21 17.4 20.8	-0.87	- 2.2	0.0/28.7	58527
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 RQ ₃₃₇	2009 11 28.6	04 18.40 +25 33.3 20.0	-1.00	- 1.7	1.6/29.2	66181
2005 QW ₂₆	2009 11 28.6	04 18.43 +21 55.3 21.2	-1.16	- 1.7	0.2/28.8	66203
2005 YD ₂₃₈	2009 11 28.6	04 18.43 +14 45.3 20.0	-1.02	- 0.3	2.7/27.9	66245
2005 YA ₁₅₇	2009 11 28.7	04 18.38 +06 26.6 19.2	-1.01	+ 1.1	5.6/27.1	22805
2007 JO	2009 11 28.7	04 18.43 +02 31.3 21.2	-0.78	- 1.5	5.1/26.1	22589
2008 OX ₁₉	2009 11 28.7	04 18.43 +05 25.2 20.4	-0.81	- 1.9	4.9/26.5	46592
2003 UM ₃₉₈	2009 11 28.7	04 18.45 +07 16.0 20.8	-0.87	+ 1.3	4.4/27.2	41802
2006 YC ₅₀	2009 11 28.7	04 18.47 +18 53.9 19.1	-1.06	- 1.8	1.3/28.4	65535
2004 TT ₂₄₁	2009 11 28.7	04 18.51 +34 14.9 19.0	-1.04	- 1.9	5.5/30.5	95561
2003 SZ ₂₂₂	2009 11 28.7	04 18.52 +05 19.8 19.3	-0.82	- 4.9	5.2/26.1	66157
2007 JD ₂₇	2009 11 28.7	04 18.53 +12 12.9 19.8	-0.88	- 3.1	3.2/27.4	66286
2009 VB ₇₆	2009 11 28.7	04 18.56 +17 39.6 19.7	-1.01	- 1.9	1.6/28.3	66003
2001 SE ₂₈₂	2009 11 28.7	04 18.61 +26 07.0 18.6	-1.33	-21.0	2.4/30.0	65316
2004 RJ ₁₁₉	2009 11 28.7	04 18.62 +08 49.7 21.6	-0.94	- 2.3	4.3/27.0	66178
2007 DR ₂₁	2009 11 28.7	04 18.62 +34 21.5 18.9	-1.18	- 1.2	6.5/30.4	66270
2007 EY ₃₂	2009 11 28.7	04 18.63 +18 49.0 20.2	-1.06	- 1.6	0.9/28.4	66273
2002 CH ₂₉₉	2009 11 28.7	04 18.65 +40 46.4 19.2	-1.19	- 2.5	7.1/01.7	66128
2007 EU ₁₃₈	2009 11 28.7	04 18.66 +24 44.0 20.6	-1.09	- 2.3	1.2/29.2	66276
2002 PV ₁₁₀	2009 11 28.7	04 18.66 +23 05.6 20.8	-0.84	- 3.6	0.5/29.0	66135
1995 UP ₂₁	2009 11 28.7	04 18.69 +28 03.7 20.2	-1.04	- 0.6	2.7/29.6	65297
2002 TP ₃₃₉	2009 11 28.7	04 18.69 +09 24.0 20.5	-1.06	- 2.6	5.7/27.1	66142
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	66196
2005 YD ₁₄₁	2009 11 28.7	04 18.77 +17 38.4 20.1	-0.98	- 0.7	1.3/28.3	66243
2003 EV ₁₉	2009 11 28.7	04 18.78 +24 51.1 19.5	-1.13	- 3.0	1.5/29.2	66149
2004 EJ ₃₉	2009 11 28.7	04 18.80 +31 40.2 20.0	-1.27	- 1.7	4.2/30.0	16263
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
2001 VV ₈₂	2009 11 28.7	04 18.89 +22 02.6 19.3	-1.13	+ 1.6	0.3/28.9	66114
2004 TM ₂₇	2009 11 28.8	04 18.84 +28 08.6 20.2	-1.05	- 1.4	2.5/29.7	65403
2006 DT ₈₁	2009 11 28.8	04 18.86 +07 50.8 20.4	-0.82	- 2.5	4.2/26.8	58525
2007 BW ₄₄	2009 11 28.8	04 18.90 +11 56.1 20.5	-1.10	- 2.7	4.0/27.5	66267
2006 CF ₄₀	2009 11 28.8	04 18.90 +33 18.8 20.2	-1.10	- 0.5	4.8/30.2	02285
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 18.97 +12 12.7 18.9	-1.13	+ 1.8	3.9/28.0	66148
2001 YU ₁₂₃	2009 11 28.8	04 19.00 +25 03.1 18.2	-1.09	+ 4.4	1.9/29.1	66122
2007 HF ₄₂	2009 11 28.8	04 19.06 +17 41.0 21.2	-1.07	- 2.4	1.5/28.4	66284
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 19.5	-1.08	+ 2.5	2.3/28.3	66246
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 19.17 +15 36.7 21.4	-1.08	- 2.4	2.2/28.1	66269
2004 RW ₃₄	2009 11 28.8	04 19.21 +33 03.9 19.0	-1.12	+ 0.2	5.2/30.3	66176
2004 VA ₈₄	2009 11 28.8	04 19.23 +21 07.6 20.1	-0.95	- 1.2	0.1/28.8	66190
2006 CT ₆₀	2009 11 28.8	04 19.25 +26 59.8 19.7	-1.10	+ 1.8	2.0/29.4	66254
2009 UH ₉₂	2009 11 28.8	04 19.25 +23 19.1 19.0	-1.06	+ 0.4	0.9/29.1	65934

2000 RD ₉₈	2009 11 28.8	04 19.28 +19 05.1 19.2	-1.04	- 7.1	0.9/28.5	64155	2001 UO ₈₀	2009 11 29.1	04 20.26 +22 35.8 19.7	-1.11	- 1.5	0.5/29.3	66112
2002 GN ₃₀	2009 11 28.8	04 19.29 +21 59.6 19.2	-1.02	- 0.3	0.2/29.0	94729	2007 RO ₁₆₈	2009 11 29.1	04 20.28 +23 19.3 19.7	-0.60	- 0.9	0.4/29.4	49027
2005 SH ₈₃	2009 11 28.8	04 19.29 +19 12.6 20.2	-1.10	- 3.3	0.9/28.6	66210	2008 SG ₈₉	2009 11 29.1	04 20.31 -02 24.9 19.9	-0.77	- 3.3	7.8/25.2	46785
2004 JX ₁₉	2009 11 28.9	04 19.34 +26 24.8 20.5	-1.13	- 4.0	1.7/29.7	66173	2005 QC ₅₀	2009 11 29.1	04 20.33 +15 34.1 18.8	-1.12	+ 0.3	2.5/28.6	66203
2001 XY ₁₄₅	2009 11 28.9	04 19.36 +22 55.8 19.5	-1.01	- 4.6	0.7/29.2	66119	2008 QV ₁₂	2009 11 29.1	04 20.34 +22 33.2 21.0	-0.89	- 2.2	0.3/29.3	58609
2009 UB ₉₂	2009 11 28.9	04 19.42 +23 20.4 19.7	-1.04	+ 0.4	0.7/29.1	65934	2006 BZ ₄₃	2009 11 29.1	04 20.35 -11 26.0 22.2	-0.76	- 1.3	7.3/23.9	02273
1995 TL ₇	2009 11 28.9	04 19.43 +36 26.9 19.2	-1.20	+ 3.0	7.1/30.4	66082	2009 UZ ₁₁	2009 11 29.1	04 20.35 +26 43.4 19.2	-1.21	+ 2.4	2.6/29.6	66375
2004 RR ₁₈₇	2009 11 28.9	04 19.45 +30 23.0 18.5	-0.99	- 4.8	3.9/30.5	66179	2002 GS ₇₀	2009 11 29.1	04 20.36 +04 18.9 20.2	-0.84	- 4.3	5.2/26.3	47212
2005 UV ₁₉₃	2009 11 28.9	04 19.45 +18 30.1 21.1	-1.08	- 2.6	1.0/28.6	59763	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 CL ₂₈	2009 11 28.9	04 19.48 +19 29.8 20.8	-1.17	- 2.2	0.8/28.7	66167	2007 ED ₃₇	2009 11 29.1	04 20.40 +18 50.9 20.5	-1.08	- 3.4	1.1/28.8	66273
2007 HC ₄₅	2009 11 28.9	04 19.49 +01 33.6 20.9	-0.78	- 1.2	5.1/26.4	47431	2004 RO ₇	2009 11 29.1	04 20.42 -00 42.0 20.2	-0.96	+ 0.4	8.1/27.1	59730
2006 BT ₁₅₇	2009 11 28.9	04 19.49 +05 43.8 20.3	-0.84	- 1.4	5.0/26.9	46386	2009 VK ₃₂	2009 11 29.1	04 20.44 +29 04.3 19.3	-1.12	+ 5.7	3.1/29.5	65978
2006 AH ₄₉	2009 11 28.9	04 19.53 +24 49.1 20.1	-1.04	- 1.9	1.3/29.4	66247	2007 GP ₁₂	2009 11 29.1	04 20.45 +09 51.4 19.6	-0.99	- 1.4	5.2/27.7	66280
2009 WR ₂₀₆	2009 11 28.9	04 19.58 +24 33.6 20.1	-1.12	- 4.3	1.3/29.4	66024	2007 GD ₂₂	2009 11 29.1	04 20.45 +20 38.3 20.7	-0.97	- 1.7	0.3/29.1	64318
2005 YX ₉₀	2009 11 28.9	04 19.63 +26 29.1 20.6	-1.00	- 4.1	1.9/29.8	65498	2007 EU ₆₇	2009 11 29.1	04 20.46 +13 23.0 20.4	-0.94	- 2.1	2.7/28.1	66274
2008 OV ₉	2009 11 28.9	04 19.67 +36 04.2 20.7	-1.12	- 4.3	4.5/01.4	43304	2008 SM ₂₁	2009 11 29.1	04 20.46 +04 49.2 19.4	-0.80	- 3.5	5.7/26.5	66326
2000 WB ₁₅₁	2009 11 28.9	04 19.68 +31 35.8 18.4	-1.53	+12.4	4.6/28.8	65313	2002 PQ ₁₅₄	2009 11 29.1	04 20.46 +02 29.9 21.0	-0.79	- 0.3	4.7/26.9	60766
2001 SZ ₄₆	2009 11 28.9	04 19.68 +17 40.9 19.0	-1.03	- 0.9	1.8/28.5	66106	2003 UV ₁₅₀	2009 11 29.1	04 20.51 +11 40.1 19.7	-0.82	- 3.4	3.0/27.7	66162
2005 QM ₁₈₁	2009 11 28.9	04 19.69 +13 45.6 19.3	-1.02	- 3.0	3.5/27.9	66206	2005 UY ₁₆₂	2009 11 29.1	04 20.54 +20 19.3 20.6	-1.06	- 4.1	0.4/29.0	65463
2004 XB ₃₁	2009 11 28.9	04 19.70 +23 21.0 19.1	-0.91	- 6.2	0.6/29.3	66191	2007 DX ₁₄	2009 11 29.1	04 20.54 +28 35.0 20.2	-1.19	- 0.6	3.4/30.0	66270
2002 NJ ₄₄	2009 11 28.9	04 19.73 +15 38.0 20.5	-1.19	- 2.4	2.7/28.3	75400	2008 ML	2009 11 29.1	04 20.55 +29 55.8 18.4	-1.20	+ 0.6	3.0/30.1	66321
2003 YU ₆₈	2009 11 28.9	04 19.78 +18 59.9 18.7	-1.17	- 3.7	1.2/28.7	65382	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 SB ₂₅₃	2009 11 29.0	04 19.77 +23 30.1 19.8	-1.21	0.0	0.9/29.2	66214	2004 RP ₁₇₂	2009 11 29.1	04 20.59 +18 58.3 20.0	-0.98	- 4.1	0.8/28.8	66179
2005 SK ₁₆₉	2009 11 29.0	04 19.80 +33 58.2 20.0	-1.20	- 2.3	5.6/30.8	66213	2007 GF ₆₈	2009 11 29.2	04 20.61 +14 52.3 20.0	-0.95	- 2.0	2.3/28.4	66282
2007 GE ₆₂	2009 11 29.0	04 19.85 +29 43.0 22.1	-1.20	- 1.4	3.3/30.0	19499	2003 UP ₂₁	2009 11 29.2	04 20.62 +39 18.4 19.8	-1.07	- 5.4	5.6/03.0	48905
2006 BY ₁₄₉	2009 11 29.0	04 19.85 +28 33.5 19.0	-1.16	+ 3.5	3.0/29.5	66251	2008 QM ₂₂	2009 11 29.2	04 20.65 +33 08.1 19.7	-0.95	- 4.5	3.6/01.2	43004
2002 TT ₁₉₃	2009 11 29.0	04 19.85 +26 02.2 20.0	-1.24	- 1.3	1.9/29.6	66141	2005 SN ₂₃₉	2009 11 29.2	04 20.67 +23 03.3 19.7	-1.13	- 1.3	0.7/29.4	66214
2005 SB ₇₇	2009 11 29.0	04 19.94 +15 24.3 19.9	-0.96	- 2.8	3.0/28.2	66210	2008 OX ₁₀	2009 11 29.2	04 20.67 +23 17.0 19.1	-0.93	- 5.0	0.6/29.5	66321
2009 VN ₁₁	2009 11 29.0	04 19.97 +19 54.9 20.7	-0.58	- 1.1	0.3/28.8	65967	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 PY ₁₂₇	2009 11 29.0	04 19.98 +29 54.8 20.5	-1.30	- 2.2	3.3/30.1	66135	2007 DT ₉₈	2009 11 29.2	04 20.72 +31 12.1 20.9	-1.27	- 1.8	4.4/30.4	19708
2005 SA ₁₂₉	2009 11 29.0	04 20.01 +24 16.9 18.8	-1.10	- 0.9	1.3/29.4	66211	2004 PL ₇₂	2009 11 29.2	04 20.72 +18 31.0 20.3	-1.02	- 1.9	1.0/28.9	66175
2006 AT ₇	2009 11 29.0	04 20.03 +45 54.5 18.7	-1.63	+ 8.7	10.0/29.3	66246	2007 HK ₅₅	2009 11 29.2	04 20.74 +13 21.5 20.8	-0.82	- 1.5	2.2/28.2	66284
2003 HG ₅	2009 11 29.0	04 20.04 +20 41.4 20.7	-1.01	- 1.2	0.2/29.0	59698	2003 AS ₅₃	2009 11 29.2	04 20.79 +17 31.0 19.1	-1.13	+ 1.0	1.7/28.9	66147
2006 KL ₉₉	2009 11 29.0	04 20.09 -00 05.7 20.5	-0.81	- 0.6	5.7/26.1	04377	2005 UO ₂₇₀	2009 11 29.2	04 20.80 +21 02.7 20.8	-1.11	- 1.7	0.2/29.2	19664
2003 GC ₁₃	2009 11 29.0	04 20.09 +05 36.8 19.6	-0.90	- 7.2	4.7/26.2	66151	2001 XU ₁₂₉	2009 11 29.2	04 20.88 +20 05.2 19.2	-1.08	+ 1.4	0.6/29.1	66119
2003 WE ₇	2009 11 29.0	04 20.09 +09 22.1 18.4	-1.10	+ 6.2	4.2/28.7	66164	2005 SA ₇₂	2009 11 29.2	04 20.89 +28 24.7 18.5	-1.04	- 1.3	3.6/30.2	66210
2005 YG ₁₈₆	2009 11 29.0	04 20.11 +24 00.5 18.6	-0.98	- 8.0	1.0/29.6	66244	2004 FX ₃₆	2009 11 29.2	04 20.90 +30 33.5 20.3	-1.23	+ 0.2	3.1/30.2	97702
2004 GW ₃₈	2009 11 29.0	04 20.11 +26 04.6 20.4	-1.14	- 1.4	1.6/29.6	66171	2009 VC ₇₆	2009 11 29.2	04 20.94 +18 11.1 19.6	-1.09	+ 0.1	1.5/28.9	66003
2004 RE ₁₃₃	2009 11 29.0	04 20.11 +30 44.9 21.4	-1.10	- 1.8	3.1/30.3	19145	2003 FP ₉₈	2009 11 29.2	04 20.99 +18 30.6 19.9	-1.09	- 1.4	1.2/28.9	66150
2001 SV ₃₀₈	2009 11 29.0	04 20.13 +31 09.7 20.3	-1.18	- 2.5	3.6/30.4	59667	2001 FC ₇₄	2009 11 29.2	04 21.00 +21 35.8 20.4	-0.91	- 1.1	0.0/29.3	66101
2006 BR ₁₅₄	2009 11 29.0	04 20.15 +16 32.8 20.7	-0.92	- 1.4	1.6/28.5	66252	2006 DR ₁₄₃	2009 11 29.2	04 21.02 +23 19.9 18.9	-0.95	- 1.7	0.7/29.5	66256
2006 BS ₂₀₀	2009 11 29.0	04 20.16 +27 31.8 20.7	-1.02	- 2.3	2.3/29.9	66252	2005 UV ₃₁₁	2009 11 29.2	04 21.03 +19 04.3 20.9	-1.08	- 2.1	0.9/29.0	66226
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 WF ₉₅	2009 11 29.3	04 20.95 +15 22.9 19.9	-1.16	+ 2.8	2.3/28.9	66234
2005 WF ₁₆₆	2009 11 29.0	04 20.20 +01 17.4 18.7	-1.24	+11.1	8.8/29.6	66236	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 XS ₃₄	2009 11 29.1	04 20.10 +15 17.6 20.3	-0.88	+ 0.4	1.8/28.4	22782	2005 ML ₁₇	2009 11 29.3	04 21.02 +27 30.3 19.0	-1.11	- 4.9	3.0/30.3	66199
2002 VN ₁₄₆	2009 11 29.1	04 20.12 +24 29.2 19.8	-1.08	- 4.1	1.5/29.6	65349	2000 DR ₁₁₅	2009 11 29.3	04 21.03 +28 39.0 20.8	-0.96	- 2.5	2.4/30.3	65306
2009 WR ₂₀₇	2009 11 29.1	04 20.15 +23 08.6 20.3	-0.97	- 1.5	0.6/29.3	66024	2005 WA ₁₁₄	2009 11 29.3	04 21.05 +20 15.8 19.9	-1.03	- 2.7	0.6/29.2	66234
2006 BW ₁₂₁	2009 11 29.1	04 20.17 +21 41.4 20.7	-0.97	- 1.9	0.1/29.1	65514	2005 QE ₁₁₇	2009 11 29.3	04 21.09 +18 15.9 20.4	-1.11	- 2.2	1.4/28.9	65434
2007 EJ ₁₄₈	2009 11 29.1	04 20.19 +05 51.5 21.6	-0.83	- 1.8	4.3/27.1	58565	2008 CQ ₁₉₀	2009 11 29.3	04 21.11 -21 39.0 19.8	-1.00	- 8.8	22.7/16.1	37710
2004 RA ₃₃₂	2009 11 29.1	04 20.24 +18 13.0 19.6	-1.05	+ 2.5	1.3/28.9	65400	2009 VM ₃₂	2009 11 29.3	04 21.16 +26 42.1 19.9	-1.02	- 5.1	2.1/30.2	65978
2000 QX ₅₇	2009 11 29.1	04 20.25 -00 19.5 19.1	-0.97	+ 0.1	8.2/26.9	66094	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 SX ₁₄	2009 11 29.3	04 21.17 +27 03.1	21.5	-1.18	-	2.7	2.1/30.1	66208
2007 JU ₂₅	2009 11 29.3	04 21.17 +13 29.6	20.2	-0.86	-	1.6	2.6/28.3	66286
2003 BE ₇₇	2009 11 29.3	04 21.18 +30 44.1	20.6	-1.19	-	2.8	4.0/30.6	18040
2004 RB ₄₈	2009 11 29.3	04 21.18 +14 44.5	20.1	-0.96	-	2.3	2.3/28.5	66177
2008 GY ₁₃₄	2009 11 29.3	04 21.20 +14 24.9	21.7	-1.10	-	2.5	2.6/28.5	41636
2007 JP ₄₃	2009 11 29.3	04 21.21 -05 01.3	21.3	-0.80	-	1.1	7.3/25.8	66286
2009 WR ₈₇	2009 11 29.3	04 21.23 +27 32.9	19.7	-1.08	-	0.9	2.4/30.1	66022
2005 UE ₃₀₉	2009 11 29.3	04 21.24 +18 20.4	19.1	-1.02	-	0.4	1.5/29.0	66225
2005 RD ₂	2009 11 29.3	04 21.24 +10 04.9	19.9	-1.07	-10.2		4.1/27.1	66207
2008 SN ₂₇₉	2009 11 29.3	04 21.25 +26 45.4	20.7	-0.61	-	1.2	1.0/30.1	66328
2002 PG ₆₅	2009 11 29.3	04 21.29 +31 03.3	20.1	-1.36	-	2.5	4.0/30.6	39169
2006 AJ ₆₉	2009 11 29.3	04 21.31 +02 25.6	19.5	-0.98	+	2.4	7.4/27.9	66248
2004 VP ₄	2009 11 29.3	04 21.32 +34 50.2	19.0	-1.11	-	3.2	5.4/01.5	66188
2006 DS ₂₈	2009 11 29.3	04 21.33 +21 45.4	20.8	-0.87	-	1.6	0.1/29.4	66255
2004 QG ₂₅	2009 11 29.3	04 21.36 +35 35.2	18.7	-1.05	-	7.8	5.9/02.2	66176
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 GH	2009 11 29.3	04 21.41 +07 42.5	20.4	-0.91	-	5.3	4.6/27.1	41870
2005 WG ₁₆	2009 11 29.3	04 21.42 +22 08.5	19.0	-1.02	-	9.2	0.3/29.5	66232
2003 QV ₇₅	2009 11 29.3	04 21.42 -05 19.0	19.6	-0.81	-	3.1	9.5/25.5	65360
2005 YX ₂₆₀	2009 11 29.3	04 21.43 +12 36.9	20.8	-0.94	-	1.7	3.3/28.2	56038
2002 LS ₂₃	2009 11 29.3	04 21.43 +35 49.3	20.0	-0.96	-	4.5	3.9/01.9	55072
2001 OZ ₃₅	2009 11 29.3	04 21.43 +34 47.0	20.2	-1.28	-	3.0	5.0/01.3	39149
2002 NU ₅₈	2009 11 29.3	04 21.43 +05 52.4	20.6	-0.79	-	2.3	4.5/27.2	47218
2001 XL ₂₂₆	2009 11 29.3	04 21.45 +25 07.0	19.1	-1.08	-	3.4	1.3/29.9	66120
2007 CN ₃₅	2009 11 29.3	04 21.46 +25 07.2	21.6	-1.15	-	2.8	1.4/29.9	19343
2002 QE ₈₉	2009 11 29.3	04 21.46 -01 18.3	21.7	-0.76	-	1.8	5.8/26.1	02120
1996 XG ₃₀	2009 11 29.3	04 21.46 +20 42.8	20.0	-1.02	-	1.1	0.3/29.3	66083
2005 YH ₉₅	2009 11 29.3	04 21.48 +21 04.7	20.1	-0.99	-	3.5	0.2/29.3	65498
2002 CS ₁₁₈	2009 11 29.3	04 21.51 +17 04.6	18.3	-1.36	+	6.7	1.7/29.2	66127
2007 JG ₃₆	2009 11 29.4	04 21.39 +12 09.3	20.9	-0.89	-	2.1	2.9/28.1	66286
2009 QE ₃₇	2009 11 29.4	04 21.40 +10 55.3	18.7	-1.13	+	7.4	3.8/29.2	65663
2003 AK ₃₈	2009 11 29.4	04 21.40 +19 00.7	19.0	-1.03	-	5.3	1.2/29.0	66147
2005 YS ₈₂	2009 11 29.4	04 21.44 +26 13.8	20.0	-1.00	-	3.9	1.7/30.1	66241
2001 QH ₂₀₈	2009 11 29.4	04 21.45 +22 22.6	20.2	-1.14	-	1.5	0.4/29.5	66104
2004 TA ₁₅₁	2009 11 29.4	04 21.51 +25 22.3	20.1	-1.00	-	2.1	1.5/29.9	66185
2004 NO ₂₄	2009 11 29.4	04 21.52 +40 59.7	19.7	-1.24	-	4.8	6.9/03.0	70370
2008 RJ ₁₇	2009 11 29.4	04 21.55 +38 11.0	21.7	-1.02	-	1.7	4.5/01.8	55498
2005 TB ₃₉	2009 11 29.4	04 21.55 +25 00.1	19.2	-1.03	-	4.8	1.7/30.0	65453
2005 QE ₁₇₅	2009 11 29.4	04 21.63 +14 29.7	20.9	-1.09	-	3.4	2.8/28.5	66206
2004 PC ₈₀	2009 11 29.4	04 21.64 -04 13.3	21.2	-0.90	-	2.2	8.5/26.1	21814
2005 ED ₃₀	2009 11 29.4	04 21.64 +14 13.8	20.2	-0.83	-	2.3	2.4/28.4	66196
2007 EP ₄₁	2009 11 29.4	04 21.65 +19 33.7	19.6	-1.05	-	3.2	1.0/29.2	66274
2004 NL ₉	2009 11 29.4	04 21.66 +12 16.8	19.7	-1.01	-	0.5	3.6/28.5	66174
2008 HD ₄₇	2009 11 29.4	04 21.70 +12 05.9	20.6	-1.03	+	0.6	3.1/28.6	58607
2006 DA ₆	2009 11 29.4	04 21.75 +20 34.3	19.7	-0.93	-	1.3	0.3/29.4	65518
2007 GW ₃₄	2009 11 29.4	04 21.76 +11 20.4	21.7	-0.90	-	2.8	3.0/28.0	66281
2002 OY ₂₇	2009 11 29.4	04 21.78 +07 41.9	20.0	-0.81	-	1.0	4.1/27.7	66134
2009 WW ₇₃	2009 11 29.4	04 21.81 +19 01.3	19.9	-0.88	-	1.4	0.9/29.2	66019
2007 BQ ₄₆	2009 11 29.4	04 21.82 +13 00.2	19.7	-1.09	-	0.6	3.5/28.5	66267
2005 QF ₁₃₁	2009 11 29.4	04 21.83 +21 39.2	18.4	-1.11	0.0		0.1/29.5	66205
2009 WD ₈₆	2009 11 29.4	04 21.83 +29 03.8	21.4	-1.07	-	0.7	2.7/30.4	66021

2002 EX ₁₁₇	2009 11 29.4	04 21.89 +29 14.9	19.7	-1.06	-	1.3	3.0/30.5	65325
2009 RB	2009 11 29.5	04 21.85 +28 06.5	18.1	-1.26	+	3.3	2.7/30.0	66345
2006 AG ₃₉	2009 11 29.5	04 21.87 +35 07.9	20.3	-1.07	-	4.5	4.6/01.8	58523
2003 LJ ₃	2009 11 29.5	04 21.88 +21 20.6	20.8	-0.99	-	2.1	0.1/29.5	66152
2004 RD ₂₅₆	2009 11 29.5	04 21.88 +54 31.0	20.0	-1.57	+	0.2	11.6/04.0	43211
2005 YJ ₁₉₁	2009 11 29.5	04 21.88 +21 03.8	20.5	-0.96	-	1.5	0.2/29.5	64284
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 UE ₃₄₃	2009 11 29.5	04 21.96 +19 10.1	18.4	-1.09	+	5.2	1.2/29.4	65467
2003 UZ ₆₇	2009 11 29.5	04 22.00 +04 18.5	20.5	-0.80	-	2.1	5.2/27.2	54108
2003 SD ₂₂₈	2009 11 29.5	04 22.01 +54 30.3	19.5	-1.56	+	3.3	10.1/03.0	60788
1995 FG ₄	2009 11 29.5	04 22.03 -00 07.7	20.6	-0.79	-	2.1	6.2/26.4	66081
2005 TW ₁₈₁	2009 11 29.5	04 22.06 +20 01.1	19.7	-1.08	-	6.1	0.6/29.3	66218
2002 CD ₈₄	2009 11 29.5	04 22.08 +08 33.5	19.2	-0.94	-	1.7	6.0/27.8	66126
2003 QV ₁₁₁	2009 11 29.5	04 22.08 +46 55.4	20.3	-1.31	-	1.1	8.1/03.6	57932
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 22.11 +14 33.3	20.9	-1.05	-	3.9	2.6/28.6	66209
2003 BR ₆₅	2009 11 29.5	04 22.14 +25 37.4	20.4	-1.10	-	3.6	1.5/30.1	66148
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	19.2	-0.96	+	1.6	1.0/29.3	66193
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 RQ ₁₂₄	2009 11 29.5	04 22.30 +18 11.5	20.0	-0.94	-	3.5	1.4/29.1	66178
2002 DD ₁₇	2009 11 29.5	04 22.32 +15 01.1	19.4	-1.04	+	1.4	2.3/29.0	66129
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	66106
2005 UL ₄₀₅	2009 11 29.6	04 22.28 +13 40.2	19.9	-0.97	-	9.4	3.3/28.1	65469
2005 UX ₁₂	2009 11 29.6	04 22.30 +19 40.1	20.8	-1.07	-	4.2	0.7/29.3	96072
2009 WT ₈₇	2009 11 29.6	04 22.36 +26 35.8	20.4	-1.06	-	1.7	2.0/30.3	66022
2007 EL ₁₉₉	2009 11 29.6	04 22.37 +25 43.2	18.5	-1.45	+	7.0	1.7/29.7	66278
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 22.39 +21 45.8	20.1	-0.87	-	3.0	0.1/29.7	66195
2008 HW ₂₁	2009 11 29.6	04 22.40 +18 06.3	21.0	-1.12	-	3.8	1.3/29.2	66318
2004 FO ₁₁₅	2009 11 29.6	04 22.42 +18 59.7	20.8	-1.11	-	1.2	0.9/29.3	43199
2009 UX ₉₂	2009 11 29.6	04 22.44 +18 43.3	18.6	-0.92	-11.5		1.0/29.0	66383
2001 YC ₁₆₀	2009 11 29.6	04 22.44 +55 28.0	19.6	-1.89	-	5.9	16.0/06.9	10848
2001 SL ₁₇₁	2009 11 29.6	04 22.45 +17 19.9	20.0	-1.06	-	2.8	1.8/29.1	66107
2005 AY ₅₁	2009 11 29.6	04 22.52 +10 19.1	20.4	-0.86	+	0.3	3.5/28.4	66194
2001 SB ₂₂₉	2009 11 29.6	04 22.54 +16 18.7	20.2	-1.08	-	2.0	2.1/29.0	66107
2006 DG ₁₁₂	2009 11 29.6	04 22.57 +08 37.8	19.8	-0.83	-	2.9	4.3/27.8	66256
2007 EL ₁₃₁	2009 11 29.6	04 22.60 +19 15.4	21.9	-1.00	-	2.5	0.8/29.4	43276
2009 SP ₂₅₅	2009 11 29.6	04 22.61 -07 50.4	18.5	-1.60	+19.7		16.2/02.8	65790
2000 GH ₃₂	2009 11 29.6	04 22.61 +29 50.2	20.1	-1.19	-	0.9	3.1/30.6	66092
2006 AV ₈	2009 11 29.6	04 22.62 +19 07.5	20.9	-0.95	-	2.6	0.8/29.3	65506
2009 VD ₃₉	2009 11 29.6	04 22.69 +25 55.4	19.1	-1.19	+	1.9	2.0/30.0	65982
2005 WA ₁₄₈	2009 11 29.6	04 22.70 +19 24.6	20.1	-1.19	+	5.6	0.9/29.6	65483
2009 WW ₈₁	2009 11 29.6	04 22.72 +09 06.9	19.3	-0.83	+	1.4	5.4/28.4	66020
2005 SC ₁₁₄	2009 11 29.6	04 22.72 +13 58.8	20.5	-1.06	-	3.7	2.8/28.6	66211
2007 LS ₁₁	2009 11 29.6	04 22.74 +16 17.2	20.2	-0.93	-	2.9	1.9/29.0	66287
2005 TO ₅₄	2009 11 29.6	04 22.77 +20 58.5	19.8	-1.14	+	0.3	0.3/29.6	65454
2004 TF ₁₉₅	2009 11 29.7	04 22.68 +18 20.1	19.9	-0.93	-	4.1	1.2/29.2	66186

2006 KD ₁₈	2009 11 29.7	04 22.79 +00 35.9 20.4	-0.80	- 3.7	6.7/26.2	66261
2005 TP ₁₉₃	2009 11 29.7	04 22.81 +09 31.0 19.8	-1.03	- 0.7	4.9/28.4	66218
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 RY ₆₉	2009 11 29.7	04 22.88 +09 47.9 19.5	-1.04	- 2.0	5.8/28.3	65337
2008 LU ₁₆	2009 11 29.7	04 22.91 +15 10.7 21.2	-1.01	- 0.5	2.1/29.1	66321
2007 JK ₂₇	2009 11 29.7	04 22.93 +17 20.0 19.3	-0.97	+ 3.1	1.4/29.4	66286
2006 CQ ₆₅	2009 11 29.7	04 22.98 +13 57.1 20.3	-0.82	- 2.2	2.3/28.7	66254
2003 SD ₂₀₉	2009 11 29.7	04 22.98 +27 21.6 19.4	-0.96	- 3.6	2.0/30.6	66157
2006 FF ₁₅	2009 11 29.7	04 23.03 +25 43.6 19.1	-0.98	+ 0.6	1.3/30.2	66258
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 18.9	-0.92	- 3.3	5.9/28.0	66214
2004 TV ₂₈₅	2009 11 29.7	04 23.11 +26 30.2 20.2	-1.00	- 4.0	1.6/30.5	66187
2005 YH ₅₉	2009 11 29.7	04 23.11 +25 20.0 19.2	-1.02	- 8.6	1.5/30.5	66241
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 19.0	-1.09	- 6.6	3.9/01.6	66236
2007 FP ₄₅	2009 11 29.7	04 23.14 +21 54.8 20.2	-1.10	- 2.9	0.2/29.8	66280
2005 YP ₁₆₂	2009 11 29.7	04 23.15 +17 48.3 20.2	-0.98	- 2.2	1.5/29.3	66244
2003 SZ ₁₁₆	2009 11 29.7	04 23.16 +22 53.2 18.7	-0.89	- 6.4	0.5/30.0	66156
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	66250
2005 SB ₂₃	2009 11 29.8	04 23.10 +22 43.6 20.8	-1.18	- 1.5	0.5/29.9	66208
2006 DR ₁₈₇	2009 11 29.8	04 23.12 +26 26.8 21.2	-0.87	- 1.3	1.3/30.4	46430
2005 QL ₂₅	2009 11 29.8	04 23.19 +11 18.4 20.3	-1.07	- 1.9	4.0/28.6	66203
2005 TK ₁₉₁	2009 11 29.8	04 23.19 +19 19.8 21.4	-1.07	- 3.0	0.9/29.5	09401
2005 TO ₁₂₁	2009 11 29.8	04 23.20 +20 30.9 20.7	-1.12	- 3.2	0.4/29.7	40146
2007 JA ₃	2009 11 29.8	04 23.20 +22 14.4 21.0	-1.06	- 0.4	0.2/29.9	66285
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 23.28 +26 43.5 19.6	-1.00	- 3.2	1.9/30.6	66245
2005 UB ₅₁₉	2009 11 29.8	04 23.29 +09 29.8 20.4	-1.06	+ 0.1	4.5/28.6	65471
2008 GL ₇₀	2009 11 29.8	04 23.29 +12 50.8 22.3	-1.09	- 1.3	3.0/28.9	41609
2002 NO ₁₅	2009 11 29.8	04 23.33 +25 38.9 20.7	-1.27	- 1.8	1.6/30.3	66133
2007 GA ₄₁	2009 11 29.8	04 23.33 +32 43.7 20.0	-1.17	+ 1.6	4.0/30.9	20867
2005 RB ₁₄	2009 11 29.8	04 23.36 +10 20.5 20.6	-1.04	- 2.8	5.0/28.4	65438
2003 SX ₉₉	2009 11 29.8	04 23.36 +18 02.6 20.6	-0.91	- 2.3	1.2/29.4	66156
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	66163
2006 AB ₃₀	2009 11 29.8	04 23.46 +15 29.4 20.6	-0.93	- 2.0	2.0/29.1	66247
2005 TF ₂	2009 11 29.8	04 23.46 +26 56.8 20.8	-1.18	- 2.6	2.0/30.6	66215
2007 HB ₈₃	2009 11 29.8	04 23.46 +30 40.7 19.0	-1.33	+ 6.3	3.5/30.2	66285
2005 UH ₁₀₂	2009 11 29.8	04 23.49 +20 00.7 19.9	-1.12	+ 0.5	0.6/29.7	66221
2009 WG ₄₇	2009 11 29.8	04 23.50 +09 37.5 18.4	-0.86	+ 4.8	6.1/29.2	66016
2004 TH ₁₁₈	2009 11 29.8	04 23.51 +26 44.5 20.5	-1.07	- 0.8	1.6/30.5	66185
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 23.52 +35 56.0 18.5	-1.04	- 6.0	6.7/03.0	66099
2009 WV ₅₂	2009 11 29.8	04 23.52 +20 13.7 19.6	-1.05	+ 0.7	0.6/29.7	66016
2007 HD ₇	2009 11 29.8	04 23.55 +20 46.7 20.1	-1.01	- 2.9	0.3/29.8	66283
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	66268
2001 TL ₁₇₃	2009 11 29.9	04 23.56 +31 47.2 19.5	-1.15	- 3.5	4.3/01.4	66110
2004 PD ₉₁	2009 11 29.9	04 23.57 +29 54.5 20.1	-1.08	- 3.4	2.8/01.1	43205
2003 SG ₂₇₇	2009 11 29.9	04 23.57 +31 55.1 19.9	-0.98	- 2.7	3.2/01.4	47263

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	66082
2009 TR ₁₃	2009 11 29.9	04 23.68 +09 07.4 18.0	-0.86	-10.6	5.9/27.2	65846
2007 GW ₅₂	2009 11 29.9	04 23.69 +05 42.4 19.3	-0.89	- 7.0	5.7/27.0	66282
2004 TZ ₃₁	2009 11 29.9	04 23.73 +26 14.1 20.4	-1.00	- 2.8	1.7/30.6	66183
2006 DC ₁₄₃	2009 11 29.9	04 23.74 +37 19.5 19.7	-1.12	- 0.1	5.9/01.8	02298
2005 MV ₃₄	2009 11 29.9	04 23.77 +35 08.0 18.8	-1.23	- 6.2	6.3/03.0	66199
2004 TC ₆₉	2009 11 29.9	04 23.79 +36 25.6 20.0	-1.21	+ 1.4	5.1/01.4	41817
2005 QF ₃₅	2009 11 29.9	04 23.81 +16 55.2 20.9	-1.12	- 1.8	1.8/29.4	66203
2004 JL ₆	2009 11 29.9	04 23.87 +22 09.2 20.4	-1.10	- 4.0	0.2/30.0	66172
2005 UE ₅₀₇	2009 11 29.9	04 23.88 +19 22.7 19.6	-1.08	- 0.8	1.0/29.7	56035
2002 AA ₁₄₇	2009 11 29.9	04 23.91 +14 34.0 20.3	-1.00	- 1.2	2.7/29.1	66124
2003 HL ₃₂	2009 11 29.9	04 23.91 +27 12.8 20.1	-1.13	+ 0.9	2.0/30.5	66152
2006 GW	2009 11 29.9	04 23.93 +36 37.2 20.1	-1.04	- 1.2	4.7/01.9	66259
2002 CC ₉₃	2009 11 29.9	04 23.95 +17 26.3 20.7	-0.99	- 1.6	1.5/29.5	20274
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 BK ₄₁	2009 11 29.9	04 23.97 +17 36.5 21.3	-1.08	- 2.2	1.4/29.5	47417
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 SW ₁₆₂	2009 11 29.9	04 24.02 +16 36.8 19.4	-1.13	+ 1.3	2.3/29.6	66212
2009 UB ₁₃₀	2009 11 29.9	04 24.04 +24 34.9 18.4	-1.22	+ 9.2	1.5/30.0	65952
2009 WA ₈₈	2009 11 29.9	04 24.08 +27 04.5 20.4	-1.25	- 3.2	2.2/30.7	66022
2005 QW ₁₁₆	2009 11 30.0	04 23.97 +15 50.7 19.3	-0.99	- 2.0	2.9/29.3	66205
2005 YR ₂₈₆	2009 11 30.0	04 23.97 +18 45.3 20.2	-0.98	- 0.4	1.0/29.7	66246
2003 SK ₃₁₉	2009 11 30.0	04 24.00 +18 23.3 20.3	-0.89	- 1.3	1.1/29.6	66159
2009 WU ₂₈	2009 11 30.0	04 24.02 +22 01.9 19.5	-0.98	- 4.0	0.2/30.1	66012
2007 EQ ₃₁	2009 11 30.0	04 24.13 +09 02.7 20.9	-0.97	- 1.3	4.2/28.6	66273
2004 FG ₉₀	2009 11 30.0	04 24.13 +14 42.4 21.5	-1.10	- 2.1	2.6/29.2	41805
2007 GN ₃₉	2009 11 30.0	04 24.15 +18 02.1 19.7	-0.94	- 3.2	1.4/29.5	66281
2005 WQ ₃₈	2009 11 30.0	04 24.16 +18 39.6 20.0	-1.01	- 3.1	1.1/29.6	66232
2007 DR ₆₀	2009 11 30.0	04 24.17 +42 22.0 20.1	-1.24	- 3.1	6.6/03.0	21362
2009 TO ₃₈	2009 11 30.0	04 24.17 -04 57.8 18.4	-0.83	+ 0.4	10.9/27.5	65866
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 EX ₇₈	2009 11 30.0	04 24.20 +17 10.2 20.5	-1.10	- 1.7	1.9/29.5	66275
2002 FJ ₂₂	2009 11 30.0	04 24.20 +25 04.9 19.4	-1.09	+ 1.6	1.2/30.3	66130
2005 NG ₈₀	2009 11 30.0	04 24.23 +36 31.3 20.5	-1.36	- 4.0	6.2/03.0	87708
2009 VL ₆₂	2009 11 30.0	04 24.23 +22 54.9 19.0	-1.02	+ 1.3	0.6/30.2	65997
2000 QX ₂₁₉	2009 11 30.0	04 24.27 +08 55.6 19.9	-0.97	- 2.0	4.7/28.5	66094
2009 VQ ₆₈	2009 11 30.0	04 24.27 +25 05.7 20.2	-1.19	- 1.7	1.6/30.5	65999
2006 FH ₂₄	2009 11 30.0	04 24.30 +42 54.8 20.1	-1.19	+ 2.2	6.5/02.0	01527
2005 QH ₁₇₇	2009 11 30.0	04 24.31 +31 08.3 20.1	-1.26	- 0.7	4.1/01.1	18119
2004 PC ₄₁	2009 11 30.0	04 24.33 +11 16.8 19.8	-1.08	+ 3.7	4.1/29.5	66175
2007 EG ₁₁	2009 11 30.0	04 24.36 +26 10.9 22.2	-1.12	- 2.0	1.5/30.6	20851
2005 SW ₂₅₆	2009 11 30.0	04 24.39 +25 53.1 18.9	-1.10	+ 0.5	2.1/30.5	66214
2005 AM ₄₉	2009 11 30.0	04 24.39 -04 11.1 19.4	-0.83	+ 0.4	8.6/27.1	66194
2008 SG ₁₂	2009 11 30.0	04 24.44 +18 59.8 20.2	-0.79	- 3.4	0.7/29.7	66325
2005 AK ₆₅	2009 11 30.0	04 24.47 +29 23.9 19.9	-0.92	- 3.9	2.5/01.3	66195
2001 PQ ₅₇	2009 11 30.1	04 24.39 +27 05.5 19.6	-1.15	- 2.2	2.4/30.8	66102
2001 FT ₁₅₇	2009 11 30.1	04 24.41 +17 52.8 20.3	-1.16	- 0.5	1.4/29.7	66101
2001 QR ₁₃	2009 11 30.1	04 24.41 +15 04.5 20.5	-1.07	- 1.9	2.3/29.3	40093
2007 DD ₅₆	2009 11 30.1	04 24.42 +18 36.0 19.6	-1.10	- 1.2	1.2/29.8	66271

2008 RW ₃₅	2009 11 30.1	04 24.45 +34 17.6 20.0	-0.93 - 1.2	3.6/01.7	66323
2002 CR ₃₄	2009 11 30.1	04 24.45 +27 11.1 17.7	-0.98 + 2.3	3.0/30.6	66126
2007 HA ₈₃	2009 11 30.1	04 24.47 +20 23.0 19.6	-1.05 + 1.8	0.4/30.0	65564
2003 UD ₂₉₀	2009 11 30.1	04 24.48 +09 31.5 19.8	-0.82 - 3.7	3.9/28.3	66163
2002 JT ₁₀	2009 11 30.1	04 24.52 +04 59.3 19.3	-0.95 + 1.0	5.7/28.4	66132
1999 VE ₂₁₀	2009 11 30.1	04 24.55 +21 53.5 20.0	-0.95 - 1.2	0.1/30.2	66090
2007 JP ₁₂	2009 11 30.1	04 24.60 +12 04.1 19.8	-0.87 + 1.4	2.6/29.3	66285
2005 TS ₄₁	2009 11 30.1	04 24.60 +21 10.3 19.4	-1.08 - 5.0	0.2/30.1	66216
2005 UT ₂₀₈	2009 11 30.1	04 24.61 +14 56.7 20.2	-0.97 - 4.5	3.2/29.2	66223
2004 SD ₅₀	2009 11 30.1	04 24.62 +28 00.8 19.4	-1.06 - 1.0	2.3/30.9	66182
2009 VG ₈₆	2009 11 30.1	04 24.62 +19 54.9 20.5	-1.11 + 1.2	0.7/30.0	66005
2003 SC ₇₉	2009 11 30.1	04 24.62 +07 31.5 20.0	-0.82 - 4.8	4.4/27.9	47257
2007 JU ₄₂	2009 11 30.1	04 24.66 +39 16.2 19.9	-1.19 - 2.9	5.8/02.6	41875
2004 TD ₁₆₆	2009 11 30.1	04 24.66 +17 20.2 19.9	-0.95 - 3.5	1.5/29.5	66186
2005 AU ₁₈	2009 11 30.1	04 24.67 +16 03.9 18.9	-0.91 + 0.5	2.1/29.6	66194
2007 DR ₂₆	2009 11 30.1	04 24.67 +23 00.3 21.8	-1.07 - 1.8	0.5/30.3	17733
2005 WV ₆₁	2009 11 30.1	04 24.68 +24 43.4 20.9	-1.04 - 3.4	1.0/30.6	66233
2007 LN ₃	2009 11 30.1	04 24.73 +14 53.5 19.4	-0.96 - 6.7	2.6/29.0	66286
2005 ST ₁₁₄	2009 11 30.1	04 24.74 +22 00.9 19.8	-1.14 - 3.3	0.2/30.2	66211
2003 SG ₂₈₉	2009 11 30.1	04 24.75 +15 40.5 19.8	-0.88 - 0.9	1.9/29.5	66158
2005 BL ₉	2009 11 30.1	04 24.78 +13 13.5 19.7	-0.86 + 0.2	2.7/29.3	66195
2005 OM ₁₄	2009 11 30.1	04 24.82 -21 31.6 19.6	-0.98 + 3.2	18.8/28.2	35913
2001 GW ₁₁	2009 11 30.1	04 24.84 +20 07.4 20.1	-0.89 + 1.1	0.4/30.0	66101
2003 GR ₃₅	2009 11 30.1	04 24.86 +13 40.2 20.6	-1.01 + 0.4	2.5/29.4	66151
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 CL ₃₄	2009 11 30.2	04 24.83 +32 16.9 20.2	-0.87 - 1.7	2.8/01.7	66195
2002 RW ₂₇	2009 11 30.2	04 24.93 +08 42.5 19.9	-1.15 - 0.3	5.9/29.0	66137
2007 JR ₉	2009 11 30.2	04 24.93 +24 34.4 19.9	-0.93 + 0.9	0.8/30.5	66285
2002 AN ₁₅₂	2009 11 30.2	04 24.95 +40 01.9 18.9	-1.20 - 3.5	6.6/02.9	43144
2005 UN ₄₆₃	2009 11 30.2	04 24.97 +17 38.8 21.1	-1.07 - 1.9	1.5/29.7	66228
2003 UL ₁₁₈	2009 11 30.2	04 24.98 +16 23.4 19.9	-0.84 - 4.1	1.6/29.4	66162
2005 TP ₁₄₃	2009 11 30.2	04 24.99 +21 08.3 20.3	-1.15 - 0.7	0.2/30.2	66217
2003 UM ₇₇	2009 11 30.2	04 25.02 +25 17.8 18.9	-0.89 - 5.9	1.3/30.9	66161
5104 T-3	2009 11 30.2	04 25.02 +06 13.4 18.9	-0.87 0.0	5.4/28.6	66429
2001 OD ₇₈	2009 11 30.2	04 25.03 +00 35.9 19.4	-0.79 + 1.6	6.1/28.3	66102
2003 SA ₂₂₇	2009 11 30.2	04 25.05 +10 25.0 20.2	-0.84 - 2.9	3.6/28.7	66157
2002 CG ₁₄₅	2009 11 30.2	04 25.06 +03 51.4 19.3	-0.93 - 3.2	7.0/27.5	66127
2003 UR ₂	2009 11 30.2	04 25.06 +53 39.6 20.6	-1.56 + 5.3	11.4/01.8	57985
2003 GU ₃	2009 11 30.2	04 25.06 +38 22.4 20.3	-1.19 - 1.1	5.2/02.4	59698
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 SP ₁₄₅	2009 11 30.2	04 25.08 +18 54.3 21.2	-1.06 - 1.2	1.3/29.9	21835
2004 SD ₆₂	2009 11 30.2	04 25.12 +28 58.7 20.9	-1.06 - 0.8	2.8/01.1	65402
2007 EE ₁₂₀	2009 11 30.2	04 25.15 +18 34.3 21.0	-0.97 - 1.4	1.0/29.9	66276
2008 OV ₇	2009 11 30.2	04 25.15 +01 47.3 20.2	-0.91 - 0.3	7.1/28.1	47447
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	66151
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 25.24 +17 36.1 20.2	-0.91 + 0.7	1.3/29.9	66163
2008 MV ₄	2009 11 30.2	04 25.28 +10 02.0 20.0	-0.88 - 5.8	4.0/28.4	66321

2004 PY ₇₅	2009 11 30.2	04 25.30 +14 39.2 21.1	-0.99 - 2.9	2.1/29.4	48932
2006 HE ₁₈	2009 11 30.2	04 25.33 +10 33.8 19.8	-0.80 - 4.1	3.5/28.6	66260
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 18.6	-1.15 - 6.2	7.7/03.6	66122
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 XM ₃₈	2009 11 30.3	04 25.41 +35 54.3 19.9	-1.01 - 2.0	4.3/02.3	47364
2005 YV ₂₇₂	2009 11 30.3	04 25.41 +19 12.8 19.6	-1.01 + 0.3	0.9/30.1	66246
2009 VP ₇₈	2009 11 30.3	04 25.42 +00 45.9 19.1	-0.88 - 5.1	9.3/26.8	66004
2006 DY ₇₄	2009 11 30.3	04 25.43 +17 31.4 20.4	-0.91 - 1.3	1.4/29.8	66255
2008 FT ₂₀	2009 11 30.3	04 25.45 +14 34.8 20.7	-1.20 - 0.4	3.0/29.7	66315
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 25.51 +23 52.7 18.9	-1.07 - 6.1	1.0/30.7	66103
2005 MO ₃₅	2009 11 30.3	04 25.54 +15 04.0 19.3	-1.11 - 0.7	3.2/29.7	66199
2006 BK ₈	2009 11 30.3	04 25.54 +12 24.1 20.7	-0.95 - 1.1	3.5/29.2	98091
2002 GY ₁₂₂	2009 11 30.3	04 25.55 +19 08.0 20.8	-0.98 - 1.3	0.9/30.1	66131
2009 VC ₄₃	2009 11 30.3	04 25.56 +28 02.2 18.7	-1.23 + 7.2	2.2/30.5	65987
2008 RE ₁₃₀	2009 11 30.3	04 25.57 +35 15.7 20.4	-1.02 - 1.9	4.5/02.2	65597
2004 XW ₁₁₆	2009 11 30.3	04 25.59 +18 57.0 19.9	-0.89 - 3.0	1.0/30.0	65416
2001 VW ₁₁₃	2009 11 30.3	04 25.62 +27 25.5 18.7	-1.14 + 1.5	2.5/30.9	66115
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
2009 WR ₅₅	2009 11 30.3	04 25.66 +18 35.9 19.3	-0.97 - 5.7	1.4/29.9	66017
2008 ME ₂	2009 11 30.3	04 25.66 +10 37.6 19.5	-1.09 + 1.3	5.1/29.5	66321
2005 AC ₈₂	2009 11 30.3	04 25.68 +36 59.8 19.9	-1.03 - 1.9	5.5/02.4	47338
2005 VW ₉₂	2009 11 30.3	04 25.69 +16 25.9 19.5	-1.02 - 1.1	2.3/29.8	66230
2000 QA ₁₆₁	2009 11 30.3	04 25.70 +10 45.4 18.0	-0.95 - 7.1	4.4/28.5	66094
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	66163
2001 YD ₁₆₀	2009 11 30.3	04 25.74 +31 38.8 19.8	-1.19 + 2.0	3.4/01.2	47194
2006 HK ₇₅	2009 11 30.3	04 25.74 +05 52.9 21.6	-0.81 - 1.4	4.6/28.3	01692
2007 ET ₂₀₆	2009 11 30.3	04 25.75 +34 03.3 21.0	-1.13 - 2.2	4.1/02.0	66278
2003 SB ₆	2009 11 30.3	04 25.77 +23 35.0 20.4	-0.93 - 1.1	0.6/30.6	65362
2008 QS ₂₀	2009 11 30.3	04 25.77 +26 39.6 20.1	-1.01 - 4.5	1.6/01.2	66322
2002 GP ₁₁	2009 11 30.3	04 25.78 +13 43.4 19.3	-1.03 + 0.9	2.9/29.6	66131
2007 DK ₉₇	2009 11 30.4	04 25.72 +11 37.5 20.1	-1.02 - 3.5	4.2/29.0	66272
2005 WX ₁₇₂	2009 11 30.4	04 25.73 +20 15.2 20.5	-1.05 - 1.3	0.6/30.2	65485
2005 YH ₁₃₁	2009 11 30.4	04 25.75 +14 02.8 20.1	-0.98 - 0.6	3.2/29.6	65500
2004 EN	2009 11 30.4	04 25.77 +26 36.4 20.6	-1.20 - 3.6	1.9/01.1	66168
2002 GQ ₆	2009 11 30.4	04 25.79 +61 11.5 18.7	-2.51 +19.9	19.5/23.0	66131
2005 XG ₆	2009 11 30.4	04 25.81 +23 13.4 19.9	-1.07 - 2.7	0.6/30.6	66237
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	66172
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
2007 JQ ₁₅	2009 11 30.4	04 25.92 +11 04.4 20.2	-0.82 - 5.4	3.2/28.7	66285
2004 EP ₅₂	2009 11 30.4	04 25.93 +27 52.6 19.9	-1.24 - 0.3	2.5/01.1	66169
2004 XJ ₉₆	2009 11 30.4	04 25.93 +11 06.7 19.8	-0.92 + 2.2	3.4/29.6	66192
2007 BL ₈₁	2009 11 30.4	04 25.96 +29 11.0 21.2	-1.21 - 2.3	3.2/01.4	65541

2004 TA ₃₁₆	2009 11 30.4	04 25.98 +03 33.8 20.8	-0.89 - 4.8	6.0/27.5	47322
2003 KL ₁₇	2009 11 30.4	04 25.99 +17 48.3 21.0	-0.97 - 1.1	1.2/30.0	19601
2004 PX ₆₀	2009 11 30.4	04 26.03 +25 58.0 20.1	-1.04 - 3.5	1.6/01.1	66175
2004 RY ₃₄₆	2009 11 30.4	04 26.05 +17 11.2 19.5	-0.93 - 6.8	1.7/29.7	65401
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 26.08 +23 37.0 20.5	-1.15 + 1.2	0.8/30.6	66225
2005 SZ ₂₃₂	2009 11 30.4	04 26.09 +21 41.6 19.8	-1.06 - 2.6	0.0/30.5	66214
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 19.1	-1.23 + 0.9	6.0/01.9	66084
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 19.3	-0.86 - 4.8	2.1/29.5	66155
2007 DC ₈₈	2009 11 30.4	04 26.18 +21 45.9 19.4	-1.12 - 1.1	0.0/30.5	66271
2004 EH ₄₂	2009 11 30.4	04 26.19 +33 49.5 19.9	-1.33 - 0.1	5.0/01.7	41804
2006 HY ₁₀₅	2009 11 30.4	04 26.19 +35 31.8 19.8	-0.90 - 3.7	3.7/02.7	03906
2005 SD ₁₁₀	2009 11 30.4	04 26.20 +16 12.3 19.7	-1.04 - 2.9	2.4/29.8	66211
2002 RD ₁₉₂	2009 11 30.5	04 26.11 +08 39.6 19.8	-0.79 - 1.5	3.6/28.8	66138
2002 YW ₂₀	2009 11 30.5	04 26.12 -05 40.7 18.9	-1.29 + 8.2	12.2/29.5	66146
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
2005 RQ ₄₁	2009 11 30.5	04 26.21 +18 47.8 19.5	-1.06 - 0.3	1.4/30.2	65439
2008 TY ₁₇₅	2009 11 30.5	04 26.22 +07 08.6 20.3	-0.68 - 3.3	3.7/28.2	58622
2005 WL ₁₆	2009 11 30.5	04 26.26 +21 51.2 19.5	-1.06 - 5.8	0.1/30.6	65476
2002 JQ ₉₉	2009 11 30.5	04 26.29 +03 00.0 20.3	-1.00 + 1.2	7.2/28.6	94780
2009 VF ₇₀	2009 11 30.5	04 26.40 +24 57.1 20.3	-1.13 - 1.5	1.4/30.9	66000
2006 DG ₂₄	2009 11 30.5	04 26.40 +26 35.3 19.7	-1.07 + 0.5	1.8/01.0	66255
2008 SA ₁₈₀	2009 11 30.5	04 26.41 +23 47.1 19.8	-0.61 - 0.7	0.4/30.8	65603
2000 VY ₅₁	2009 11 30.5	04 26.42 +34 53.3 18.7	-1.14 + 0.5	5.6/02.0	66098
2005 YD ₂₀₀	2009 11 30.5	04 26.45 +08 39.0 19.6	-0.97 + 1.6	4.6/29.5	66245
2000 TW ₅₇	2009 11 30.5	04 26.47 +32 11.0 19.2	-1.19 + 2.1	4.2/01.4	66098
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
2003 BV ₆₄	2009 11 30.5	04 26.49 +16 59.5 20.0	-1.10 - 1.4	2.0/30.0	66148
2008 PM	2009 11 30.5	04 26.50 +16 12.7 20.3	-0.86 - 3.7	1.7/29.8	66321
2007 CO ₄₆	2009 11 30.5	04 26.53 +32 13.1 20.2	-1.20 - 2.9	3.9/02.0	59787
2005 UQ ₉₇	2009 11 30.5	04 26.54 +18 41.4 21.1	-1.08 - 1.3	1.1/30.2	66221
2006 HS ₂	2009 11 30.5	04 26.55 +08 42.0 21.5	-0.79 - 2.2	3.6/28.8	66259
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
2004 TC ₁₉₈	2009 11 30.6	04 26.59 +28 15.3 19.6	-1.05 0.0	4.2/01.3	65407
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 20.4	-1.12 - 1.7	0.2/30.6	66217
2005 WV ₁₀₆	2009 11 30.6	04 26.65 +18 28.8 20.6	-1.06 - 2.1	1.3/30.2	66234
2008 LV ₇	2009 11 30.6	04 26.66 +00 55.5 19.8	-0.94 - 3.2	8.0/28.0	66320
2003 SU ₂₅₀	2009 11 30.6	04 26.68 -11 33.2 19.4	-0.80 - 5.9	10.6/24.3	65369
2005 VT ₈	2009 11 30.6	04 26.69 +20 43.4 20.3	-1.11 - 0.7	0.4/30.5	65472
2005 OH ₂₇	2009 11 30.6	04 26.70 +17 35.8 20.7	-1.12 - 3.3	1.6/30.1	66201
2005 YO ₃₆	2009 11 30.6	04 26.75 +18 30.0 19.8	-0.96 - 1.1	1.1/30.3	66240
2007 EP ₂₁₄	2009 11 30.6	04 26.75 +06 28.2 20.9	-0.89 - 3.1	4.8/28.5	43278
2006 AD ₁₀	2009 11 30.6	04 26.81 +19 30.0 18.8	-0.96 - 6.0	0.9/30.3	66246

2005 SK ₂₄₆	2009 11 30.6	04 26.85 +17 03.9 21.2	-1.07 - 3.9	1.7/30.0	56029
2007 AS ₂₃	2009 11 30.6	04 26.85 +22 15.5 19.2	-1.09 - 5.2	0.3/30.7	66266
2005 AM ₈₁	2009 11 30.6	04 26.86 +37 36.6 19.2	-1.09 + 1.1	5.1/02.2	66195
2005 AS ₁₉	2009 11 30.6	04 26.88 +37 41.9 19.2	-1.04 - 3.5	5.2/03.0	47336
2007 DA ₈	2009 11 30.6	04 26.90 +21 48.5 20.0	-1.03 - 4.5	0.0/30.7	66270
2005 SS ₁₈₄	2009 11 30.6	04 26.90 +28 30.0 20.9	-1.20 - 2.1	2.7/01.5	66213
2005 RB ₄₂	2009 11 30.6	04 26.94 +19 51.9 19.4	-1.00 - 3.4	0.9/30.4	66208
2005 XV ₈₁	2009 11 30.6	04 26.96 +23 34.2 20.7	-1.04 - 2.6	0.8/30.9	66239
2007 EC ₁₉₈	2009 11 30.6	04 26.96 +24 56.8 20.5	-1.13 - 2.7	1.4/01.1	65554
2008 QH ₈	2009 11 30.6	04 26.97 +04 44.7 20.1	-0.80 - 1.5	5.1/28.6	66322
2009 VO ₄₂	2009 11 30.6	04 26.97 +10 54.4 19.7	-1.00 - 0.3	4.4/29.6	65986
2001 YA ₄₃	2009 11 30.6	04 26.98 +20 17.5 18.9	-1.13 + 1.4	0.6/30.6	66121
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	66255
2005 WK ₄₀	2009 11 30.6	04 27.04 +23 13.7 19.1	-0.99 - 8.8	0.7/31.0	66232
2008 RH ₁₂₈	2009 11 30.7	04 27.00 +04 26.6 20.4	-0.80 - 2.7	5.3/28.2	65596
2008 RZ ₁₂₄	2009 11 30.7	04 27.00 +12 52.7 21.2	-0.84 - 2.1	2.7/29.6	58612
2006 DR ₁₂₂	2009 11 30.7	04 27.02 +07 02.5 18.8	-1.02 + 4.6	6.7/29.8	01414
2003 FY ₅₂	2009 11 30.7	04 27.02 +25 01.7 22.0	-1.04 - 0.5	1.0/01.1	85983
2001 YH ₈₉	2009 11 30.7	04 27.02 +27 12.5 19.8	-1.10 - 2.9	2.2/01.4	65320
2000 GH ₂₇	2009 11 30.7	04 27.04 +26 42.4 20.4	-1.18 - 1.0	1.8/01.2	66092
2007 EJ ₁₁₃	2009 11 30.7	04 27.04 +20 24.5 21.5	-1.09 - 1.7	0.5/30.6	17829
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
2009 VS ₆₂	2009 11 30.7	04 27.11 +19 11.9 19.4	-0.97 - 5.5	1.0/30.3	65997
2001 YK ₁₂₅	2009 11 30.7	04 27.13 +30 47.2 18.6	-1.08 - 3.0	4.2/01.9	17984
2009 WX ₁₀₁	2009 11 30.7	04 27.14 +29 25.1 20.8	-0.95 - 1.7	2.3/01.7	66023
1998 HO ₁₉	2009 11 30.7	04 27.14 +24 37.9 19.8	-1.05 - 2.5	1.0/01.1	66084
2003 SV ₂₉₅	2009 11 30.7	04 27.15 +00 18.0 19.6	-0.82 - 7.0	6.8/26.8	21141
2005 RM ₁₁	2009 11 30.7	04 27.15 +31 02.6 19.0	-1.23 - 2.8	3.8/02.0	66207
2002 VF ₁₂₄	2009 11 30.7	04 27.16 +28 20.8 18.6	-1.15 - 0.8	3.5/01.5	66144
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	66092
2005 YC ₁₉₆	2009 11 30.7	04 27.32 +28 30.7 19.4	-1.14 + 2.0	2.4/01.3	66245
1998 GP ₈	2009 11 30.7	04 27.36 +10 43.1 19.7	-0.98 + 0.1	3.6/29.6	97334
2003 UA ₇₅	2009 11 30.7	04 27.37 +26 34.8 19.0	-0.91 - 4.5	1.6/01.5	66161
2006 AB ₈₂	2009 11 30.7	04 27.37 +20 38.9 20.0	-0.98 - 3.4	0.4/30.6	66248
2006 DW ₄₉	2009 11 30.7	04 27.38 +31 41.8 20.3	-1.01 - 1.1	2.9/01.9	47392
2006 BM ₂₅₂	2009 11 30.7	04 27.40 +23 56.2 19.6	-0.97 - 2.0	1.0/01.1	66253
2005 UC ₁₁₈	2009 11 30.7	04 27.42 +23 22.3 21.1	-1.10 - 2.5	0.6/31.0	66221
2007 GQ ₇	2009 11 30.7	04 27.42 +25 45.2 20.9	-1.15 - 1.6	1.6/01.2	66280
2007 BQ ₇₄	2009 11 30.7	04 27.44 +22 50.7 21.4	-1.10 - 2.2	0.4/30.9	66268
2004 FR ₁₄₂	2009 11 30.7	04 27.47 +23 50.7 20.2	-1.18 - 1.6	0.8/01.0	66171
2005 QW ₈₇	2009 11 30.7	04 27.47 +15 49.0 19.6	-1.02 - 3.5	2.8/30.0	66204
2009 WP ₃₈	2009 11 30.7	04 27.49 +23 47.9 20.3	-0.95 + 0.8	0.7/01.0	66014
2005 WY ₃₅	2009 11 30.7	04 27.49 +19 03.1 20.0	-1.03 - 0.8	1.2/30.5	65477
2005 XF ₆₂	2009 11 30.8	04 27.42 +03 56.3 19.1	-1.14 + 7.1	7.1/30.4	66238
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 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 27.48 +16 02.4 21.6	-0.90 - 4.5	1.7/30.0	66321

2004 RV ₃₁	2009 11 30.8	04 27.49 +17 13.6 20.0	-1.00 - 1.2	1.6/30.3	66176
2001 TX ₁₉₈	2009 11 30.8	04 27.53 +12 58.5 19.4	-1.04 - 1.2	3.5/29.9	66110
2004 RO ₂₈₉	2009 11 30.8	04 27.55 +28 46.6 20.8	-1.16 + 0.6	2.3/01.5	66181
2001 QJ ₅₉	2009 11 30.8	04 27.58 +42 49.5 19.9	-1.38 - 2.1	7.6/03.8	40669
2002 QV ₁₀₆	2009 11 30.8	04 27.58 +34 03.5 20.0	-0.96 - 2.8	3.8/02.6	47226
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
2006 DK ₄₇	2009 11 30.8	04 27.64 +27 42.6 19.6	-0.92 - 2.1	3.1/01.6	65518
2001 VH ₈₉	2009 11 30.8	04 27.66 +25 07.5 19.1	-1.09 - 7.2	1.2/01.4	66114
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
2005 WF ₁₃₇	2009 11 30.8	04 27.76 +22 18.1 20.7	-1.09 - 1.1	0.2/30.9	66235
2005 XZ ₂₅	2009 11 30.8	04 27.78 +19 39.4 18.5	-1.16 + 5.4	1.0/30.8	66237
2004 TO ₂₇₇	2009 11 30.8	04 27.82 +30 06.5 19.9	-1.11 + 2.5	3.3/01.5	66187
2002 OT ₃₀	2009 11 30.8	04 27.82 +16 04.9 20.8	-0.80 - 3.4	1.5/30.1	66134
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	66248
2000 AR ₂₀₇	2009 11 30.9	04 27.86 +06 38.5 21.0	-0.80 - 1.4	4.2/29.0	21296
2002 CU ₆	2009 11 30.9	04 27.93 +12 02.3 18.5	-1.69 +17.4	5.2/01.5	66125
2007 HU ₂₆	2009 11 30.9	04 27.98 +24 19.5 20.5	-0.95 - 0.2	0.8/01.2	65562
2008 MU	2009 11 30.9	04 27.98 +31 24.3 20.2	-1.18 + 0.3	3.1/01.9	47446
2008 HP ₄₁	2009 11 30.9	04 28.01 +25 26.2 21.5	-1.21 - 1.0	1.4/01.3	66318
2005 UK ₂₃₆	2009 11 30.9	04 28.03 +16 32.7 21.0	-1.04 - 1.7	1.8/30.3	41830
2006 BF ₁₃₆	2009 11 30.9	04 28.04 +24 56.1 20.2	-1.03 - 1.1	1.1/01.3	66251
2007 DG ₁₀₉	2009 11 30.9	04 28.04 +28 59.4 20.9	-1.09 - 2.0	2.4/01.8	66272
2005 UW ₃₂₈	2009 11 30.9	04 28.04 +25 40.1 20.6	-1.16 - 0.1	1.5/01.3	65467
2005 XB ₄₅	2009 11 30.9	04 28.06 +27 17.3 20.4	-1.11 - 2.2	2.2/01.6	66238
2005 SB ₃₉	2009 11 30.9	04 28.09 +25 13.0 20.5	-1.18 - 2.1	1.3/01.4	65441
2000 YT ₁₂₇	2009 11 30.9	04 28.09 +34 05.3 19.4	-1.08 - 2.0	4.5/02.5	66100
2004 YB ₁₉	2009 11 30.9	04 28.13 +25 44.2 19.9	-0.92 - 3.0	1.4/01.5	65418
2003 SS ₁₀₃	2009 11 30.9	04 28.14 -00 21.3 19.3	-0.80 - 4.9	7.7/27.4	66156
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 PL ₇₆	2009 11 30.9	04 28.16 +25 58.9 20.5	-0.87 - 4.3	1.2/01.6	66134
2005 VT ₆₈	2009 11 30.9	04 28.18 +18 44.7 20.4	-1.06 - 1.2	1.1/30.6	65473
2002 RP ₁₆₉	2009 11 30.9	04 28.18 +19 06.9 19.4	-1.16 - 2.5	1.1/30.6	66138
2008 SM ₁₂₁	2009 11 30.9	04 28.22 +19 45.8 20.3	-0.58 - 1.7	0.4/30.7	65602
2009 WB ₇₆	2009 11 30.9	04 28.23 +16 45.2 20.4	-1.07 - 1.0	1.9/30.4	66019
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
2000 SS ₉₀	2009 11 30.9	04 28.32 +18 04.3 19.8	-0.99 - 5.3	1.2/30.4	66096
2003 SU ₃₃	2009 11 30.9	04 28.32 +07 42.6 20.3	-0.85 - 1.9	4.5/29.3	55968
2002 AD ₇₇	2009 11 30.9	04 28.33 +26 15.8 19.1	-1.05 - 1.4	2.0/01.5	66123
2002 GO ₁₃₄	2009 11 30.9	04 28.34 +09 04.5 19.7	-0.90 - 5.4	4.5/28.9	47213
2007 GJ ₄₅	2009 11 30.9	04 28.36 +15 47.4 20.9	-0.96 - 2.9	2.1/30.2	66281
2005 RG ₁₁	2009 12 01.0	04 28.32 +24 39.3 19.4	-1.13 - 4.6	1.3/01.4	66207
2003 GR ₅₀	2009 12 01.0	04 28.34 +15 08.3 20.5	-1.00 - 1.7	2.3/30.2	47248
2002 AN ₁₄₁	2009 12 01.0	04 28.36 +09 36.6 18.5	-1.03 + 1.4	5.0/30.1	66124

2002 AU ₄₈	2009 12 01.0	04 28.36 +17 02.6 18.7	-0.96 - 1.4	2.2/30.5	66123
2002 AS ₁₈₇	2009 12 01.0	04 28.36 +14 10.4 19.3	-1.00 + 0.7	2.5/30.3	66125
4503 T-3	2009 12 01.0	04 28.37 +17 58.6 18.4	-1.05 + 0.9	2.0/30.7	66429
2006 AZ ₈₁	2009 12 01.0	04 28.39 +31 22.3 20.3	-1.08 - 2.5	3.6/02.3	01218
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	66276
2002 TO ₂	2009 12 01.0	04 28.51 +28 04.7 19.0	-1.09 - 0.8	3.4/01.8	65340
2004 RH ₁₄₀	2009 12 01.0	04 28.52 +14 21.6 20.4	-0.95 - 3.5	2.9/30.0	19625
2006 AW ₃₂	2009 12 01.0	04 28.52 +23 15.8 19.2	-1.18 + 5.5	0.7/01.1	65507
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	66182
2009 VD ₆₉	2009 12 01.0	04 28.56 +21 41.1 19.6	-1.09 - 7.3	0.0/01.0	65999
2006 GN ₄₂	2009 12 01.0	04 28.59 +01 31.4 20.3	-0.78 - 3.9	5.8/27.8	60862
2005 TW ₇₀	2009 12 01.0	04 28.63 +25 00.6 19.9	-1.08 - 0.9	1.5/01.4	65454
2009 SG ₃₃₉	2009 12 01.0	04 28.66 +10 51.8 18.0	-0.81 - 4.9	5.7/29.3	65818
2002 AE ₁₅₇	2009 12 01.0	04 28.67 +14 05.8 18.8	-0.99 - 2.2	3.3/30.1	66124
2005 AN ₃₄	2009 12 01.0	04 28.67 +26 46.3 20.0	-0.90 - 2.8	1.5/01.8	66194
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 27.3 19.1	-0.95 + 4.4	11.9/29.9	66175
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	66195
2005 QW ₁₀₉	2009 12 01.0	04 28.78 +22 17.9 21.4	-1.15 - 2.7	0.2/01.2	09343
2005 WV ₁₉₅	2009 12 01.0	04 28.78 +15 54.9 20.1	-0.94 - 1.2	2.0/30.4	22804
2007 CH ₂₉	2009 12 01.0	04 28.79 +18 14.0 20.1	-1.12 - 2.1	1.7/30.7	66268
2003 TC ₅₇	2009 12 01.1	04 28.71 +28 14.3 18.9	-0.93 - 5.4	2.0/02.2	66160
2004 FA ₁₆₅	2009 12 01.1	04 28.72 +22 45.5 19.9	-1.16 - 2.6	0.5/01.2	66171
2000 WB ₁₆₅	2009 12 01.1	04 28.73 +04 09.1 16.6	-1.21 + 4.8	8.6/29.8	66099
2003 SZ ₅₈	2009 12 01.1	04 28.74 +27 15.0 18.7	-0.94 - 4.6	1.9/02.0	66155
2009 VO ₆₈	2009 12 01.1	04 28.76 +22 31.8 19.6	-0.88 - 4.6	0.3/01.2	65999
2006 EO ₃₅	2009 12 01.1	04 28.77 +45 34.4 19.9	-1.24 + 0.6	9.1/04.0	53487
2006 JD ₁₀	2009 12 01.1	04 28.79 +24 13.5 20.5	-0.94 - 0.8	0.8/01.4	65525
2001 YK ₉₆	2009 12 01.1	04 28.82 +36 17.7 19.1	-1.16 - 3.4	5.9/03.0	66122
2005 SD ₁₅₄	2009 12 01.1	04 28.84 +23 32.6 19.1	-1.04 - 3.3	0.9/01.4	66212
2008 SQ ₂₁	2009 12 01.1	04 28.85 +07 05.5 21.1	-0.84 - 1.6	4.7/29.3	50221
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	66209
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	65445
2002 CA ₁₂₂	2009 12 01.1	04 28.91 +08 14.6 18.9	-0.91 - 1.8	6.2/29.4	65323
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
2004 JO ₃₅	2009 12 01.1	04 28.95 +16 06.0 20.8	-1.09 - 3.1	2.1/30.4	66173
2007 GN ₆₇	2009 12 01.1	04 28.95 +24 43.6 21.1	-1.07 - 1.1	1.1/01.5	66282
2004 BW ₂₇	2009 12 01.1	04 28.99 +19 46.9 19.9	-1.19 - 1.4	0.9/30.9	66167
2008 FQ ₁₁₂	2009 12 01.1	04 29.00 +19 59.0 20.5	-1.24 - 0.1	0.8/31.0	41579
2003 GR ₅₆	2009 12 01.1	04 29.00 +20 04.1 21.0	-1.03 - 0.3	0.6/31.0	66151
2003 WL ₇₀	2009 12 01.1	04 29.06 +35 54.9 20.1	-1.14 + 3.1	4.0/02.2	43193
2009 VX ₆₂	2009 12 01.1	04 29.08 +22 21.5 20.4	-1.04 - 1.2	0.2/01.2	65997
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 19.9	-1.32 - 6.2	5.7/03.5	66139

2001 QP ₁₉₅	2009 12 01.2	04 29.16 +40 46.7 20.1	-1.29	- 7.0	7.7/04.8	97452
2009 SN ₂₃₅	2009 12 01.2	04 29.28 +26 41.8 19.3	-1.21	+ 5.6	1.7/01.4	65783
2003 SY ₂₁₈	2009 12 01.2	04 29.30 +14 32.5 18.9	-0.86	- 4.2	2.4/30.2	66157
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 29.33 +31 25.9 18.9	-1.26	- 0.5	4.7/02.3	66139
2005 XR ₆₅	2009 12 01.2	04 29.35 +30 04.7 19.3	-1.10	- 7.7	3.6/03.0	66238
2004 RW ₁₀₀	2009 12 01.2	04 29.36 +26 18.9 19.4	-1.02	- 3.0	1.8/01.8	66178
2005 US ₅₂	2009 12 01.2	04 29.38 +33 49.0 19.0	-1.37	+ 6.4	5.6/01.7	66220
2007 GR ₄₈	2009 12 01.2	04 29.40 +12 19.1 19.8	-0.99	- 5.0	3.6/29.8	66281
2005 YA ₈₇	2009 12 01.2	04 29.40 +24 18.9 21.0	-1.02	- 3.0	1.1/01.6	65497
2007 JJ ₂₂	2009 12 01.2	04 29.41 +11 29.8 21.0	-0.99	+ 0.8	3.3/30.3	66286
2000 HS ₁₇	2009 12 01.2	04 29.46 +22 05.3 21.4	-1.11	- 2.6	0.1/01.3	66093
2003 UD ₅₃	2009 12 01.2	04 29.48 +26 44.3 19.0	-0.92	- 4.7	1.6/02.0	66161
2006 HV ₁₃₃	2009 12 01.2	04 29.50 +28 41.2 20.2	-0.95	- 1.2	2.2/02.1	66261
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 BE ₄₅	2009 12 01.2	04 29.51 +02 51.0 20.5	-1.04	- 1.1	7.4/29.1	43272
2007 GU ₃₀	2009 12 01.2	04 29.54 +25 19.9 20.7	-0.99	- 1.1	1.2/01.7	66281
2007 DS ₄₈	2009 12 01.2	04 29.58 +42 57.8 19.2	-1.33	- 3.8	8.5/04.8	31521
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 18.5	-1.08	+ 3.8	4.5/30.7	66122
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
2003 WO ₅₀	2009 12 01.3	04 29.56 +16 22.9 20.6	-0.87	- 7.1	1.5/30.3	65380
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
2004 SN ₂₃	2009 12 01.3	04 29.59 +17 12.8 20.5	-0.94	- 2.8	1.6/30.7	66182
2005 SW ₃₁	2009 12 01.3	04 29.60 +21 26.5 19.3	-1.11	- 0.4	0.2/01.3	66209
2006 AL ₄₁	2009 12 01.3	04 29.64 +26 55.9 20.9	-1.01	- 2.4	1.8/02.0	66247
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	66275
2005 YY ₁₄₁	2009 12 01.3	04 29.69 +22 20.6 20.6	-1.03	- 1.3	0.2/01.4	65501
2007 HK ₆	2009 12 01.3	04 29.71 +15 23.3 20.4	-0.96	- 0.3	2.0/30.7	62519
2006 HS ₅₅	2009 12 01.3	04 29.74 +23 57.9 20.7	-0.96	+ 1.7	0.6/01.5	65524
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 19.2	-0.94	- 5.3	0.6/01.5	66120
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	66161
2006 FJ ₅₃	2009 12 01.3	04 29.87 +26 01.2 20.6	-0.92	- 0.7	1.3/01.8	66259
2007 FP ₂₅	2009 12 01.3	04 29.88 +23 52.1 20.7	-1.12	- 1.7	0.8/01.6	65556
2001 SX ₃₅₄	2009 12 01.3	04 29.90 +10 18.9 19.7	-0.98	- 0.7	5.4/30.2	66108
2008 QO ₃	2009 12 01.3	04 29.90 +26 46.4 20.6	-0.90	- 1.8	1.6/02.0	66322
2001 FR ₆₉	2009 12 01.3	04 29.91 +11 03.9 20.2	-1.10	- 1.6	4.0/30.2	66101
2009 WQ ₃₁	2009 12 01.3	04 29.99 +19 12.3 19.9	-1.03	- 2.8	0.9/01.1	66012
2007 HL ₇₈	2009 12 01.3	04 30.01 +06 24.4 21.4	-0.88	- 2.0	4.6/29.4	47432
2005 TL ₁₆₉	2009 12 01.3	04 30.02 +21 30.4 21.2	-1.10	- 3.0	0.1/01.3	66218
2001 YG ₄	2009 12 01.3	04 30.04 +36 28.7 21.0	-1.14	- 9.0	6.4/04.2	66121
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

2006 BS ₈₉	2009 12 01.4	04 29.99 +28 44.7 20.3	-1.02	- 2.1	2.5/02.3	65513
2001 YJ ₁₅	2009 12 01.4	04 30.00 +18 00.4 19.6	-1.02	+ 1.1	1.8/01.1	66121
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 SJ ₁₅₈	2009 12 01.4	04 30.01 +44 21.3 20.8	-1.23	+ 0.4	7.9/04.2	97675
2004 PG ₈₄	2009 12 01.4	04 30.03 +36 32.4 20.5	-1.16	- 5.7	5.0/03.9	97722
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 XB ₉₈	2009 12 01.4	04 30.05 +22 27.8 19.4	-0.94	- 0.8	0.2/01.5	66192
2004 OD ₁₁	2009 12 01.4	04 30.06 -24 13.3 20.1	-1.05	+ 5.1	15.0/30.5	15796
2007 ED ₁₉₇	2009 12 01.4	04 30.08 +04 00.7 19.2	-0.92	- 6.2	7.2/28.4	65554
2003 UK ₂₃₅	2009 12 01.4	04 30.10 +09 21.4 21.3	-0.82	- 4.2	3.6/29.6	66163
2002 BW ₁₇	2009 12 01.4	04 30.11 +12 02.0 19.3	-0.97	- 0.5	4.2/30.4	66125
2007 HK ₂₆	2009 12 01.4	04 30.11 +08 01.4 20.6	-0.82	- 5.4	4.2/29.2	47431
2008 KR ₃₁	2009 12 01.4	04 30.14 +12 47.1 21.6	-1.10	- 2.5	3.5/30.4	66320
2004 XP ₆₀	2009 12 01.4	04 30.14 +10 31.6 19.9	-0.91	+ 1.7	4.0/30.5	65414
2003 SE ₃₁₃	2009 12 01.4	04 30.15 +27 37.0 19.4	-0.92	- 4.6	1.9/02.3	66159
2001 YE ₁₁₃	2009 12 01.4	04 30.17 +22 35.4 20.0	-1.09	- 1.3	0.3/01.5	66122
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
2008 RQ ₁₁₅	2009 12 01.4	04 30.24 +25 23.9 20.9	-0.98	- 2.2	1.1/01.9	66324
2001 RS ₄₂	2009 12 01.4	04 30.29 +07 14.9 21.3	-1.01	- 3.3	4.9/29.6	88869
2004 PK ₇₁	2009 12 01.4	04 30.29 +13 57.0 20.2	-1.00	- 1.1	2.7/30.6	66175
2005 SX ₇₄	2009 12 01.4	04 30.32 +17 44.6 20.6	-1.08	- 2.9	1.8/31.0	65442
2007 GX ₂₉	2009 12 01.4	04 30.32 +11 02.8 19.9	-0.96	- 3.9	3.8/29.9	66281
2003 FO ₇₅	2009 12 01.4	04 30.35 +20 20.8 18.8	-1.04	- 6.6	0.7/01.2	65356
2003 UL ₄₉	2009 12 01.4	04 30.43 +26 22.3 19.8	-0.91	- 4.8	1.4/02.2	66161
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 18.9	-1.06	+ 3.8	4.1/30.9	66218
2007 CN ₅₇	2009 12 01.4	04 30.49 +28 45.1 19.2	-1.25	+ 1.2	3.3/02.0	66269
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 13.9 19.4	-1.02	- 1.2	0.9/01.8	66274
2001 TM ₁₇₃	2009 12 01.5	04 30.58 +19 10.0 21.0	-1.09	- 2.1	1.0/01.2	66110
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 GX ₂₅	2009 12 01.5	04 30.71 +18 09.6 20.9	-1.11	- 1.3	1.6/01.2	33452
2006 JP ₁₄	2009 12 01.5	04 30.71 +30 32.9 19.9	-1.07	+ 2.8	3.1/02.1	66261
2006 AA ₁₀₁	2009 12 01.5	04 30.76 +16 34.8 19.3	-0.94	- 1.7	2.3/30.9	66248
2008 QC ₂₅	2009 12 01.5	04 30.76 +32 00.2 20.5	-1.07	- 1.3	3.2/03.0	46624
2004 TX ₁₃₆	2009 12 01.5	04 30.77 +23 07.3 18.2	-0.83	- 7.9	0.6/01.8	65405
2005 UC ₂₃₀	2009 12 01.5	04 30.80 +20 24.9 20.7	-1.09	- 1.3	0.5/01.4	66224
2009 SO ₃₄₈	2009 12 01.5	04 30.85 +13 38.2 18.4	-0.86	- 5.8	3.0/30.2	65833
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	66108
2005 WN ₂₇	2009 12 01.5	04 30.93 +24 43.3 19.3	-1.09	- 0.3	1.3/01.9	66232
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 20.1	-0.92	- 3.4	2.2/30.8	66283
2009 WR ₃₀	2009 12 01.6	04 30.88 +19 57.5 20.4	-0.90	- 6.5	0.7/01.3	66012
2005 QD ₄₄	2009 12 01.6	04 30.89 +18 36.7 20.2	-1.08	- 1.8	1.5/01.2	65431
2007 JH ₂₁	2009 12 01.6	04 30.89 +21 55.7 19.6	-1.02	- 5.4	0.0/01.6	66286
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 HR ₈	2009 12 01.6	04 30.90 +24 58.7 21.0	-1.02	- 2.2	1.1/02.0	66283

2004 FQ ₁₂	2009 12 01.6	04 30.93 +16 24.1 19.8	-1.11	- 4.5	2.2/30.9	65385
2003 UJ ₂₁₆	2009 12 01.6	04 30.93 +29 12.9 19.6	-0.95	- 2.0	2.6/02.6	66163
2001 TA ₂₂₄	2009 12 01.6	04 30.95 +30 40.2 20.2	-1.16	- 1.4	3.2/02.6	43132
1997 AB ₁₀	2009 12 01.6	04 30.96 +12 46.1 20.1	-0.95	- 1.1	3.6/30.6	66083
2003 KR ₃	2009 12 01.6	04 30.98 +33 55.9 20.9	-1.24	+ 2.4	3.9/02.5	20780
2007 HP ₇₄	2009 12 01.6	04 30.98 +11 31.6 19.2	-0.86	- 4.2	3.6/30.1	66284
2007 EG ₇₃	2009 12 01.6	04 30.99 +18 39.1 20.7	-1.10	- 1.5	1.2/01.3	66274
2006 EC ₆₀	2009 12 01.6	04 30.99 +08 49.1 20.4	-0.83	- 3.4	4.2/29.8	48999
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 18.1	-0.90	- 7.4	4.3/30.2	66213
2005 UR ₂₂₃	2009 12 01.6	04 31.02 +22 50.6 19.9	-1.09	- 3.9	0.4/01.8	66224
2009 VG ₄₅	2009 12 01.6	04 31.02 +28 28.1 19.6	-1.26	- 1.6	3.0/03.0	65990
2005 UZ ₂₃	2009 12 01.6	04 31.03 +18 46.4 19.9	-1.07	- 4.7	1.3/01.2	66219
2005 CV ₁₂	2009 12 01.6	04 31.04 +24 32.4 18.8	-0.92	- 6.4	0.9/02.1	66195
2004 ED ₄₁	2009 12 01.6	04 31.05 +29 01.7 19.2	-1.23	- 0.9	3.4/02.4	66169
2009 UD ₁₃₀	2009 12 01.6	04 31.05 +25 18.1 19.0	-1.08	+ 4.3	1.4/01.8	65953
2005 UP ₁₇₀	2009 12 01.6	04 31.06 +21 07.5 20.4	-1.05	- 3.9	0.3/01.5	65463
2001 XB ₇₅	2009 12 01.6	04 31.06 +10 32.0 18.6	-0.99	+ 0.1	5.0/30.5	66118
2006 FF ₃₈	2009 12 01.6	04 31.06 +19 43.7 20.7	-0.86	- 1.3	0.6/01.4	66258
2009 VA ₃₉	2009 12 01.6	04 31.06 +27 07.7 19.4	-1.18	+ 3.7	2.3/01.9	65982
2004 RH ₁₀₂	2009 12 01.6	04 31.11 +23 51.0 20.3	-1.02	- 3.2	0.7/01.9	66178
2008 SJ ₂₃₀	2009 12 01.6	04 31.12 +07 27.6 21.6	-0.79	- 3.3	3.7/29.6	57499
1998 UQ ₁₇	2009 12 01.6	04 31.14 +32 11.2 18.6	-1.17	- 4.5	4.8/03.2	66086
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
2005 QN ₁₃	2009 12 01.6	04 31.26 +27 30.2 19.8	-1.20	- 3.3	2.5/03.0	65429
2001 OJ ₄₁	2009 12 01.6	04 31.27 +28 34.7 20.4	-1.22	- 0.3	2.6/02.3	66102
1999 KP ₃	2009 12 01.6	04 31.28 +13 51.8 21.1	-0.95	- 5.9	2.6/30.4	66087
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	66163
2000 WS ₇₃	2009 12 01.6	04 31.30 +33 01.3 19.2	-1.18	+ 0.6	3.9/03.0	66099
2007 CY	2009 12 01.6	04 31.33 +09 08.5 20.0	-1.06	- 1.4	5.2/30.3	40175
2000 SK ₁₃₆	2009 12 01.6	04 31.34 +24 16.8 18.5	-0.96	- 4.3	1.1/02.0	66096
2004 TA ₁₁₅	2009 12 01.6	04 31.36 -05 11.3 20.2	-0.95	+ 1.2	9.4/29.7	59743
2004 JQ ₂₃	2009 12 01.6	04 31.38 +22 05.9 20.4	-1.07	- 3.1	0.1/01.7	66173
2005 XK ₃₁	2009 12 01.6	04 31.38 +16 33.7 19.9	-1.00	- 2.0	2.1/01.1	66237
2005 MV ₁₅	2009 12 01.7	04 31.29 +15 28.8 20.6	-1.16	- 0.6	2.7/01.1	66199
2001 SA ₃₂₄	2009 12 01.7	04 31.31 +26 22.2 20.1	-1.11	- 4.2	2.1/03.0	66108
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
2004 QQ ₁₉	2009 12 01.7	04 31.40 +27 17.5 20.6	-1.05	- 3.7	1.8/02.5	65391
2005 SA ₂₇₁	2009 12 01.7	04 31.44 +19 07.3 19.9	-1.15	+ 0.6	1.2/01.5	66215
2005 YS ₂₆₅	2009 12 01.7	04 31.45 +25 06.8 20.9	-1.03	- 2.2	1.2/02.1	66246
2002 TR ₃₈₀	2009 12 01.7	04 31.46 +25 18.1 19.9	-1.14	- 1.9	1.8/02.1	65344
2005 OQ ₁₂	2009 12 01.7	04 31.46 +29 51.1 20.8	-1.25	- 2.8	3.2/03.0	90219
2007 HB ₃₅	2009 12 01.7	04 31.51 +30 05.8 21.1	-1.11	- 0.3	2.8/02.6	20640
2005 UX	2009 12 01.7	04 31.51 +17 46.0 19.5	-1.12	- 0.3	1.9/01.4	65457
2004 RT ₁₅₉	2009 12 01.7	04 31.52 +44 59.8 19.8	-1.29	- 3.1	7.6/05.4	39747
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 RH ₂₅	2009 12 01.7	04 31.55 +20 59.2 20.3	-1.01	- 2.8	0.3/01.6	66176
2005 YO ₁₇₂	2009 12 01.7	04 31.55 +38 17.0 18.8	-1.24	+ 1.9	7.1/03.1	66244

2005 YU ₁₀₈	2009 12 01.7	04 31.57 +17 47.2 20.9	-1.00	- 1.6	1.7/01.3	66242
2006 GG ₂	2009 12 01.7	04 31.58 +18 58.1 20.4	-0.88	- 0.7	0.9/01.4	66259
2007 HM ₁₇	2009 12 01.7	04 31.59 +24 43.9 19.7	-1.02	- 0.4	1.0/02.0	65561
2008 ON ₂₀	2009 12 01.7	04 31.65 +25 35.1 20.1	-0.99	- 2.8	1.3/02.2	66321
2005 YZ ₁₅₁	2009 12 01.7	04 31.65 +23 37.1 19.1	-1.00	- 3.8	0.7/02.0	66243
2004 RM ₁₀₄	2009 12 01.7	04 31.68 +00 58.6 19.3	-0.86	- 6.1	8.7/28.3	74338
2000 CW ₁₂₉	2009 12 01.7	04 31.74 +16 36.0 20.5	-0.58	- 1.1	1.1/01.1	65305
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
2006 HN ₂₈	2009 12 01.8	04 31.72 +00 21.2 21.8	-0.80	- 1.3	6.1/29.0	02322
2004 ST ₃₁	2009 12 01.8	04 31.73 +26 11.7 20.2	-1.02	- 2.5	1.7/02.3	66182
2002 TE ₂₈₃	2009 12 01.8	04 31.74 +30 17.5 18.2	-1.01	- 6.5	4.6/03.3	66142
2003 SB ₂₂₃	2009 12 01.8	04 31.76 +03 52.5 20.0	-0.83	- 4.9	6.6/29.1	65368
2004 TA ₂₃₈	2009 12 01.8	04 31.80 +31 43.7 20.2	-1.10	- 0.1	3.1/03.0	66187
2004 FV ₁₁₂	2009 12 01.8	04 31.84 +11 31.7 20.1	-1.10	- 0.5	4.8/30.8	66170
2005 WO ₅₁	2009 12 01.8	04 31.84 +23 09.5 20.2	-1.06	- 1.6	0.5/02.0	66233
2004 RL ₃₅₆	2009 12 01.8	04 31.92 +23 17.5 20.6	-0.99	- 2.6	0.5/02.0	66182
2004 TQ ₂₃₄	2009 12 01.8	04 31.93 +27 02.6 20.5	-1.03	- 0.7	1.9/02.4	66187
2005 OS ₃	2009 12 01.8	04 31.93 +27 06.9 18.3	-1.21	+ 2.1	2.7/03.0	66201
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 20.5	-0.80	- 2.9	3.6/30.2	66324
2001 XE ₁₃₈	2009 12 01.8	04 31.99 +19 28.3 19.2	-1.00	- 8.0	1.0/01.4	66119
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 18.6	-1.13	- 3.8	2.2/03.0	66246
2009 VL ₆₃	2009 12 01.8	04 32.05 +20 12.6 20.6	-0.97	- 1.8	0.6/01.7	65997
2005 AS ₅₉	2009 12 01.8	04 32.06 +32 28.7 20.3	-0.95	- 3.1	3.4/03.3	48571
2005 WC ₁₈	2009 12 01.8	04 32.07 +22 02.2 18.9	-1.02	- 6.3	0.1/01.9	66232
2009 WO ₃₇	2009 12 01.8	04 32.07 +25 03.4 20.5	-1.16	- 1.0	1.3/02.2	66014
2000 SU ₃₁₆	2009 12 01.8	04 32.07 +19 20.6 19.6	-1.00	- 6.3	0.9/01.5	66097
2001 FF ₁₂₀	2009 12 01.8	04 32.08 +34 41.8 21.0	-1.03	- 0.1	3.9/03.2	66101
2007 EJ ₈	2009 12 01.8	04 32.10 +12 10.1 20.7	-1.00	- 2.9	3.6/30.6	66273
2007 GF ₄₂	2009 12 01.8	04 32.12 +21 41.9 21.6	-0.90	- 2.2	0.1/01.9	66281
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 20.0	-0.97	- 3.3	0.2/01.8	66182
2005 QT ₁₇	2009 12 01.8	04 32.22 +25 19.7 19.5	-1.19	- 1.2	1.5/02.3	65429
2003 WG ₁₅	2009 12 01.8	04 32.23 +23 46.0 19.9	-0.90	- 0.6	0.6/02.1	66164
2007 LR ₆	2009 12 01.9	04 32.16 +14 45.4 20.7	-0.97	+ 1.9	2.2/01.4	65569
1999 TU ₂₁₉	2009 12 01.9	04 32.16 +29 24.8 18.9	-0.91	- 4.1	3.7/03.1	66088
2005 YL ₂₂₉	2009 12 01.9	04 32.16 -01 47.8 20.3	-0.84	+ 1.5	6.5/29.7	21353
2006 AH ₅₉	2009 12 01.9	04 32.17 +28 36.4 21.0	-0.99	- 3.0	2.0/02.8	65507
2000 AN ₂₂₁	2009 12 01.9	04 32.20 +14 24.5 19.4	-1.14	+ 2.4	3.7/01.4	66090
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
2005 ON ₂₈	2009 12 01.9	04 32.22 +29 23.9 20.4	-1.26	- 0.2	3.1/03.0	65426
2003 QK ₇₅	2009 12 01.9	04 32.24 +25 36.0 18.7	-0.94	- 3.7	1.3/02.4	66154
2005 TU ₁₀₂	2009 12 01.9	04 32.26 +21 57.8 20.1	-1.06	- 3.0	0.0/01.9	66217
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 AV ₂₁	2009 12 01.9	04 32.28 +18 06.4 18.7	-1.15	+ 1.1	1.9/01.6	65538
2007 EC ₁₇₂	2009 12 01.9	04 32.29 +12 24.1 19.3	-0.91	- 3.0	3.2/30.7	66277
2007 GM ₃₇	2009 12 01.9	04 32.31 +17 44.4 20.3	-0.92	- 1.8	1.4/01.4	43280

2005 XO ₁₁	2009 12 01.9	04 32.32 +14 49.9 20.0	-1.06 + 1.2	2.7/01.4	65488
2008 RY ₁₂₁	2009 12 01.9	04 32.33 +21 00.7 20.7	-0.87 - 3.0	0.3/01.8	66324
2005 UN ₁₉₀	2009 12 01.9	04 32.33 +21 15.9 20.4	-1.09 - 2.9	0.2/01.9	66223
2006 UE ₂₆₂	2009 12 01.9	04 32.34 +22 38.6 18.0	-1.09 - 6.6	0.4/02.1	66263
2004 RO ₃₂₆	2009 12 01.9	04 32.35 +13 12.1 20.4	-0.94 - 3.7	3.0/30.8	66181
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 PS ₁₀₂	2009 12 01.9	04 32.42 +06 27.1 21.0	-0.92 - 3.2	5.0/30.0	40687
2004 RH ₂₁₀	2009 12 01.9	04 32.45 +19 59.3 19.1	-0.98 - 6.6	0.7/01.6	66179
2004 RQ ₂₉₂	2009 12 01.9	04 32.49 +18 26.9 19.9	-1.01 - 0.2	1.2/01.6	66181
2001 RY ₁₁₇	2009 12 01.9	04 32.52 +23 37.9 19.4	-1.10 - 2.1	0.8/02.2	66105
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	66211
2002 AR ₂₀₃	2009 12 01.9	04 32.60 +26 54.3 19.7	-1.03 - 3.3	2.2/02.6	66125
2009 VP ₂₃	2009 12 01.9	04 32.60 +19 39.3 18.6	-1.14 + 2.2	1.0/01.8	65972
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 20.1	-0.86 - 4.2	3.3/30.6	66281
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 32.62 +25 26.8 20.5	-1.07 - 2.2	1.7/02.4	66108
2005 GD ₁₀₃	2009 12 02.0	04 32.63 +30 23.7 20.3	-1.39 - 0.8	3.5/03.0	86703
2005 QX ₁₃₅	2009 12 02.0	04 32.65 +18 17.3 20.6	-1.11 - 1.9	1.6/01.6	65435
2000 SF ₅₁	2009 12 02.0	04 32.66 +08 25.3 19.2	-0.94 - 5.7	5.4/30.0	66095
2003 HS ₅₀	2009 12 02.0	04 32.66 +13 50.1 20.6	-0.94 - 1.3	2.4/01.1	66152
2005 YS ₂₀₀	2009 12 02.0	04 32.69 +16 14.3 20.4	-0.96 - 0.6	2.0/01.4	66245
2008 SB ₁₄₈	2009 12 02.0	04 32.70 +22 57.6 20.1	-0.60 - 1.0	0.2/02.2	66327
2005 SL ₁₇₃	2009 12 02.0	04 32.71 +32 49.5 20.9	-1.24 - 2.4	4.2/03.4	04349
2001 AH	2009 12 02.0	04 32.74 +10 37.9 18.9	-0.95 + 2.5	4.9/01.2	65313
2006 BB ₁₂₅	2009 12 02.0	04 32.79 +28 18.6 20.7	-1.01 - 1.8	2.2/02.8	66251
2002 EY ₂₀	2009 12 02.0	04 32.81 +13 10.1 19.9	-0.97 + 0.1	2.8/01.2	66129
2006 DE ₁₅₇	2009 12 02.0	04 32.84 +08 05.5 20.9	-0.81 - 1.4	3.9/30.4	47396
2001 YO ₁₆₁	2009 12 02.0	04 32.85 +15 49.3 19.7	-1.02 - 0.3	2.1/01.5	66122
2008 KO ₁	2009 12 02.0	04 32.86 +11 11.7 20.4	-1.08 - 0.5	4.5/01.1	66320
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	66321
2001 SN ₂₈₇	2009 12 02.0	04 32.97 -03 26.2 19.5	-1.16 -13.3	13.2/26.6	62320
2005 QX ₁₆₁	2009 12 02.0	04 32.97 +22 34.6 20.4	-1.20 - 0.7	0.3/02.1	66206
2005 QA ₄₉	2009 12 02.0	04 32.97 +19 07.0 19.0	-1.07 + 0.5	1.4/01.8	66203
2004 RG ₃₃₃	2009 12 02.0	04 32.98 +61 45.4 20.7	-1.95 + 1.5	12.3/07.0	43212
2004 EE ₁₄	2009 12 02.0	04 33.05 +22 27.5 19.7	-1.20 - 0.1	0.2/02.1	66169
2005 WQ ₉₃	2009 12 02.0	04 33.06 +18 31.4 20.3	-1.14 + 4.3	1.4/01.9	65481
2003 UW ₁₀₅	2009 12 02.0	04 33.06 +18 58.0 18.6	-0.87 - 9.2	1.1/01.5	66161
2005 YX ₁	2009 12 02.0	04 33.09 +15 59.2 17.1	-1.75 +19.3	3.0/03.0	66239
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 HU ₃₁	2009 12 02.1	04 33.04 +22 46.3 20.4	-0.96 - 3.1	0.3/02.2	66283
2007 HW ₄₅	2009 12 02.1	04 33.04 +29 45.1 20.4	-0.98 + 0.5	2.2/03.0	66284
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	66178
2005 XP ₁	2009 12 02.1	04 33.11 +21 16.2 20.2	-1.11 + 1.4	0.2/02.1	66237
2006 AG ₈₈	2009 12 02.1	04 33.11 +14 27.4 20.3	-0.98 - 0.6	2.9/01.3	65508
2002 AP ₄₀	2009 12 02.1	04 33.13 +27 52.5 19.2	-1.01 - 6.5	2.8/03.1	66123
2009 WE ₅₃	2009 12 02.1	04 33.13 +28 52.5 18.6	-1.03 - 0.6	3.4/02.9	66016
2003 QP ₇₅	2009 12 02.1	04 33.14 +24 41.6 19.6	-0.94 - 2.9	0.9/02.5	66154

2005 SE ₁₁₀	2009 12 02.1	04 33.15 +17 43.3 20.2	-1.11 - 2.1	1.8/01.7	66211
2003 AE ₆₃	2009 12 02.1	04 33.17 +13 31.2 19.4	-1.08 + 0.2	3.4/01.4	65353
2006 HD ₁₅₄	2009 12 02.1	04 33.17 +29 08.0 20.7	-0.98 + 1.0	2.2/02.8	65525
2005 YG ₅₁	2009 12 02.1	04 33.18 +27 44.2 20.2	-1.01 - 3.4	2.0/03.0	66241
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 QG ₁₈₃	2009 12 02.1	04 33.20 +13 24.9 20.5	-1.11 - 0.8	3.3/01.3	66207
2006 BV ₁₇₃	2009 12 02.1	04 33.20 +18 38.9 19.0	-1.10 + 2.7	1.3/01.9	66252
2001 UP ₈₇	2009 12 02.1	04 33.25 +28 00.4 20.7	-1.14 - 2.4	2.2/03.0	66112
2005 UK ₁₁₅	2009 12 02.1	04 33.25 +17 22.5 19.8	-0.99 - 5.7	2.1/01.4	66221
2004 TQ ₁₃₀	2009 12 02.1	04 33.28 +28 23.8 19.3	-1.11 + 1.5	2.1/02.7	66185
2002 PV ₁₇₆	2009 12 02.1	04 33.28 -02 40.9 19.7	-0.82 + 0.5	8.1/29.6	00320
2005 QR ₁₇₇	2009 12 02.1	04 33.29 +33 45.4 20.8	-1.27 - 2.3	4.6/03.6	57427
2008 JO ₂₉	2009 12 02.1	04 33.29 +10 23.3 20.2	-1.10 - 0.5	4.4/01.1	59134
2006 BM ₁₉₉	2009 12 02.1	04 33.32 +23 05.6 20.4	-0.94 - 2.4	0.4/02.3	66252
2005 UF ₅₁₂	2009 12 02.1	04 33.33 +28 57.9 18.9	-1.09 - 5.1	3.1/03.2	66229
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 18.8	-1.55 +12.7	8.5/03.0	66117
2005 YQ ₁₂₄	2009 12 02.1	04 33.42 +23 19.0 18.7	-1.08 + 1.7	0.6/02.3	66243
2005 AQ ₇	2009 12 02.1	04 33.42 +13 00.4 19.4	-0.88 + 0.4	2.9/01.3	66194
2005 SY ₁₁₇	2009 12 02.1	04 33.45 +15 50.1 19.6	-1.14 + 1.2	2.7/01.7	66211
2005 QB ₇₀	2009 12 02.1	04 33.45 +28 34.4 20.7	-1.26 - 2.3	2.6/03.0	66204
2006 BG ₁₈	2009 12 02.1	04 33.47 +13 54.0 20.1	-0.96 - 1.0	3.0/01.3	66249
2005 XK ₅₀	2009 12 02.1	04 33.55 +29 24.5 18.7	-1.09 - 5.4	3.3/03.4	66238
2001 KD ₅₁	2009 12 02.2	04 33.46 +07 55.9 20.2	-1.09 + 0.3	5.1/31.0	66102
2004 NE ₁₆	2009 12 02.2	04 33.47 +26 20.5 20.1	-1.08 - 3.5	1.4/03.0	65388
2001 HP ₂₁	2009 12 02.2	04 33.49 +12 10.7 22.0	-0.88 - 3.9	2.7/30.8	10767
2003 SS ₃₉	2009 12 02.2	04 33.49 +05 49.3 19.6	-0.83 - 4.2	5.4/29.9	66155
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 19.5	-1.01 - 2.5	0.9/02.5	66241
2000 WU ₁₉₇	2009 12 02.2	04 33.57 +20 06.8 18.2	-0.92 -10.7	0.8/01.8	66099
2005 YQ ₄₂	2009 12 02.2	04 33.57 +21 56.1 20.9	-0.99 - 2.8	0.0/02.2	66240
2004 RC ₃₂	2009 12 02.2	04 33.61 +13 14.8 19.0	-0.96 - 1.7	3.3/01.3	66176
2001 SE ₁₉₈	2009 12 02.2	04 33.62 +17 41.7 19.9	-1.06 - 1.7	1.8/01.8	66107
2009 WD ₂₁₂	2009 12 02.2	04 33.64 +16 14.3 20.5	-0.89 - 4.0	1.8/01.4	66025
2009 VQ ₈₆	2009 12 02.2	04 33.66 +17 17.9 19.5	-0.89 - 5.4	1.7/01.5	66005
2001 YA ₃₀	2009 12 02.2	04 33.67 +21 15.8 18.8	-1.22 + 8.3	0.3/02.2	66121
2005 TC ₁₈₀	2009 12 02.2	04 33.67 +32 41.9 19.7	-1.24 - 3.1	4.3/03.6	19657
2000 BM ₂₀	2009 12 02.2	04 33.71 +28 41.4 19.7	-0.95 - 2.9	2.6/03.1	66091
2004 JC ₁₄	2009 12 02.2	04 33.72 +24 25.6 21.4	-1.13 - 2.7	0.9/02.5	66173
2007 HW ₇₆	2009 12 02.2	04 33.75 +22 26.6 20.5	-1.00 + 0.6	0.2/02.3	66284
2004 CZ ₃	2009 12 02.2	04 33.75 +31 14.1 18.5	-1.26 - 2.1	4.6/03.3	66167
2002 RV ₂₇₄	2009 12 02.2	04 33.77 +14 12.1 20.3	-0.83 - 1.1	2.2/01.4	66139
2005 SE ₂₆	2009 12 02.2	04 33.77 +17 41.5 21.7	-1.11 - 2.3	1.5/01.8	40694
2003 UH ₃₀₄	2009 12 02.2	04 33.78 +23 35.9 20.3	-0.88 - 2.7	0.5/02.5	66163
2000 RJ ₅₆	2009 12 02.2	04 33.79 +28 58.1 20.3	-1.10 - 1.7	2.2/03.1	66095
2003 QB ₁₂₀	2009 12 02.2	04 33.80 +23 00.5 19.9	-0.91 - 4.3	0.3/02.4	65361
2007 DJ ₁₀	2009 12 02.2	04 33.87 +07 28.5 21.3	-0.94 - 1.7	4.6/30.6	47419
2009 VO ₇₁	2009 12 02.2	04 33.88 +19 52.4 19.5	-0.99 - 2.2	0.9/02.0	66000
2009 WM ₃₇	2009 12 02.2	04 33.89 +25 35.2 20.9	-0.99 - 2.3	1.2/02.7	66014
2007 DQ ₅₇	2009 12 02.2	04 33.90 +20 06.7 20.3	-1.10 - 1.1	0.7/02.1	66271
2008 OV ₁₀	2009 12 02.2	04 33.90 -01 04.1 20.0	-0.85 + 1.3	6.8/30.5	65591

2006 HM ₃₃	2009 12 02.2	04 33.92 +12 56.6 19.3	-0.81 - 3.9	3.1/31.0	66260
2005 UW ₉₇	2009 12 02.2	04 33.93 +23 58.9 19.7	-1.18 + 1.5	0.8/02.4	66221
2006 AZ ₅₄	2009 12 02.2	04 33.94 +10 32.4 21.4	-0.95 - 1.4	3.8/31.0	96936
2008 OS ₆	2009 12 02.2	04 33.95 +06 57.6 20.2	-0.90 - 1.6	4.8/30.6	47447
2006 BD ₁₈₆	2009 12 02.3	04 33.90 +23 27.2 20.3	-0.96 - 2.2	0.5/02.5	66252
2006 AB ₇₈	2009 12 02.3	04 33.90 +14 52.8 19.9	-0.93 - 1.1	2.3/01.5	66248
2005 WX ₁₀₉	2009 12 02.3	04 33.91 +20 39.6 19.7	-1.04 - 2.9	0.6/02.1	66234
2000 SG ₁₁	2009 12 02.3	04 33.92 -06 23.3 20.7	-0.96 - 5.4	8.8/28.3	47149
2006 AZ ₅₃	2009 12 02.3	04 33.93 +25 08.5 20.5	-0.99 - 3.6	1.1/02.7	66247
2007 GT ₇₅	2009 12 02.3	04 33.93 +11 25.8 20.6	-0.81 - 4.5	2.9/30.7	66282
2008 WH ₁₇	2009 12 02.3	04 34.00 +19 41.8 20.7	-0.57 - 1.0	0.4/02.0	58936
2004 PJ ₄	2009 12 02.3	04 34.05 +02 17.0 20.6	-0.95 - 2.2	6.7/30.2	64221
2005 WP ₃₁	2009 12 02.3	04 34.08 +23 49.2 18.5	-1.13 + 2.3	11.2/23.0	66232
2002 TT ₂₈₁	2009 12 02.3	04 34.08 +31 33.7 19.3	-1.26 - 2.9	4.4/03.6	66142
2001 YA ₅₁	2009 12 02.3	04 34.11 +26 05.2 20.2	-1.06 - 3.2	1.5/02.9	47192
2008 SV ₂₀	2009 12 02.3	04 34.13 +18 47.5 21.0	-1.02 - 1.8	1.1/02.0	66325
2002 RW ₂₆₇	2009 12 02.3	04 34.16 +21 26.5 21.6	-1.18 - 4.5	0.2/02.3	40107
2004 GJ ₃₃	2009 12 02.3	04 34.21 +17 16.5 19.8	-1.09 - 3.9	1.8/01.7	66171
2002 PD ₁₂₂	2009 12 02.3	04 34.25 +18 57.9 20.0	-1.17 - 4.4	1.2/02.0	66135
2004 QY ₃	2009 12 02.3	04 34.25 +27 49.3 20.9	-1.10 - 1.3	1.9/03.0	59729
2007 HM ₁₅	2009 12 02.3	04 34.27 +13 00.9 20.3	-1.02 0.0	3.5/01.5	66283
2004 NW ₃₃	2009 12 02.3	04 34.31 +42 41.8 20.4	-1.33 - 0.2	7.5/04.6	58003
2007 DZ ₁₁	2009 12 02.3	04 34.38 +20 48.8 19.2	-1.19 + 1.1	0.5/02.3	66270
2004 RJ ₄₀	2009 12 02.3	04 34.39 +10 49.1 19.5	-0.95 - 3.8	4.6/30.8	66177
2006 BQ ₆₂	2009 12 02.3	04 34.40 +24 34.1 20.3	-1.08 - 3.7	1.0/02.7	65511
2005 AW ₁₉	2009 12 02.4	04 34.32 +15 16.3 19.1	-0.89 + 0.2	2.3/01.7	66194
2004 QV ₁₀	2009 12 02.4	04 34.32 +31 19.4 19.7	-1.17 + 0.4	3.5/03.3	66176
2004 VA ₃₄	2009 12 02.4	04 34.32 +18 35.6 20.4	-0.94 - 1.1	1.2/02.0	66189
2001 SD ₁₈₅	2009 12 02.4	04 34.33 +29 24.3 20.6	-1.20 - 2.0	3.1/03.3	66107
2002 QZ ₁₁₅	2009 12 02.4	04 34.35 +30 26.4 20.5	-0.92 - 3.0	2.5/03.6	47226
2002 PN ₁₈₀	2009 12 02.4	04 34.37 +44 05.3 21.1	-1.07 - 3.2	6.2/05.8	12810
2006 EV ₄₀	2009 12 02.4	04 34.39 +23 37.1 20.9	-0.93 - 1.2	0.5/02.6	66258
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	66129
2003 BZ ₄₇	2009 12 02.4	04 34.46 +04 14.6 19.8	-0.70 - 0.8	4.8/30.3	65355
2005 YK ₅₁	2009 12 02.4	04 34.47 +23 39.3 20.7	-0.98 - 2.6	0.6/02.6	66241
2007 BH ₂	2009 12 02.4	04 34.47 +16 42.6 19.3	-1.15 0.0	2.2/02.0	66266
2003 SM ₂₇₉	2009 12 02.4	04 34.48 +16 37.2 19.1	-0.87 - 4.9	1.9/01.6	65370
2007 HQ ₂	2009 12 02.4	04 34.49 +27 14.1 20.1	-1.00 - 0.5	1.7/03.0	66282
2006 DD ₆₃	2009 12 02.4	04 34.49 +40 00.1 20.8	-1.12 - 0.8	6.0/04.4	53481
2000 KU ₆₆	2009 12 02.4	04 34.51 -07 26.8 19.3	-1.40 + 9.4	14.1/02.6	66093
2004 TW ₁₄	2009 12 02.4	04 34.57 +21 38.8 19.8	-0.98 - 4.2	0.1/02.4	66183
2001 SK ₁₈	2009 12 02.4	04 34.59 +10 14.6 19.3	-0.99 - 2.4	5.3/01.1	66106
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 JF ₄₁	2009 12 02.4	04 34.63 +12 52.6 20.2	-0.93 - 4.2	3.4/01.2	66286
2007 DJ ₄₉	2009 12 02.4	04 34.64 +14 21.7 19.7	-1.10 + 0.4	3.3/01.8	65546
2005 SE ₁₄₄	2009 12 02.4	04 34.64 +12 30.6 20.0	-1.05 - 2.2	4.0/01.4	66212
2004 FU ₉₈	2009 12 02.4	04 34.64 +15 20.5 19.7	-1.10 - 2.3	3.2/01.7	66170
2003 SV ₃₈	2009 12 02.4	04 34.64 +43 59.3 19.3	-1.13 - 2.4	7.2/05.5	50953
2002 QD ₈₇	2009 12 02.4	04 34.65 +17 46.9 19.9	-1.21 + 0.4	1.8/02.1	40106

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 TC ₆₂	2009 12 02.4	04 34.68 +25 12.2 19.1	-1.13 - 6.6	1.5/03.0	66140
2008 RS ₄₇	2009 12 02.4	04 34.70 +41 21.5 20.8	-1.20 - 1.9	6.1/04.9	55502
2001 VV ₄	2009 12 02.4	04 34.70 +32 55.0 18.2	-1.47 -20.7	5.5/05.3	66114
2008 OY ₉	2009 12 02.4	04 34.70 +27 17.2 19.2	-1.09 - 3.1	2.1/03.0	66321
2001 PM ₄₄	2009 12 02.4	04 34.72 +19 34.7 21.3	-1.10 - 2.7	0.9/02.2	55924
2005 QF ₃₄	2009 12 02.4	04 34.75 +18 31.9 20.2	-1.09 - 2.4	1.6/02.1	90226
2001 XD ₂₉	2009 12 02.4	04 34.79 +00 43.3 17.6	-0.94 + 3.7	10.1/01.4	66117
2008 GB ₁	2009 12 02.4	04 34.80 -07 38.4 19.7	-1.15 -11.8	14.3/26.1	66316
2004 TW ₃₀₆	2009 12 02.4	04 34.81 +23 24.6 18.5	-0.95 - 5.8	0.6/02.7	66187
2008 HW ₁₅	2009 12 02.4	04 34.88 +33 36.2 20.5	-1.91 +13.4	6.0/02.0	66318
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 20.8	-1.06 - 6.2	1.2/02.0	66093
2001 XF ₁₄₂	2009 12 02.5	04 34.77 +21 25.4 19.4	-1.02 - 3.6	0.3/02.4	66119
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	66284
2007 EN ₁₃₈	2009 12 02.5	04 34.90 +23 27.1 20.8	-1.20 - 1.3	0.6/02.7	66276
2005 QJ ₈₃	2009 12 02.5	04 34.91 +10 27.0 20.3	-1.07 - 2.3	4.7/01.3	40138
2005 XE ₇₅	2009 12 02.5	04 34.92 +28 28.9 20.8	-1.07 - 2.1	2.4/03.3	66239
2007 EA ₁₁₅	2009 12 02.5	04 34.92 +11 46.7 20.4	-0.94 - 1.9	3.7/01.4	66275
2005 UT ₃₁	2009 12 02.5	04 34.94 +18 29.7 20.6	-1.05 - 3.3	1.5/02.1	66219
2002 XA ₃₃	2009 12 02.5	04 34.94 +20 59.1 19.6	-1.15 - 0.5	0.5/02.4	66145
2002 OL ₁₅	2009 12 02.5	04 34.96 -00 24.7 23.8	-0.85 0.0	6.1/30.7	74193
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
2009 WP ₃₇	2009 12 02.5	04 35.06 +25 18.5 20.4	-0.95 - 2.3	1.3/03.0	66014
2004 DA ₃₈	2009 12 02.5	04 35.09 -12 35.4 20.3	-1.00 - 3.2	11.6/27.4	60798
2000 EQ ₁₁₅	2009 12 02.5	04 35.13 +06 35.4 20.1	-0.79 - 2.1	4.6/30.7	47144
2005 WW ₁₅₃	2009 12 02.5	04 35.24 +23 48.4 20.1	-1.15 + 2.0	0.7/03.0	65483
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 QF ₁₈₃	2009 12 02.6	04 35.18 +17 47.2 19.1	-1.02 - 2.3	2.1/02.1	66207
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 19.4	-1.21 - 5.1	4.9/04.2	66200
2009 WT ₅	2009 12 02.6	04 35.25 +23 16.0 20.2	-1.07 + 2.0	0.4/02.7	66008
1999 TV ₁₆₅	2009 12 02.6	04 35.27 +35 15.7 19.4	-1.11 - 2.1	5.1/04.3	73960
2008 TJ ₁₃₀	2009 12 02.6	04 35.27 +24 39.5 20.3	-0.61 - 1.7	0.6/03.0	65622
2000 ER ₁₃₅	2009 12 02.6	04 35.28 +48 10.8 20.0	-1.28 + 1.5	7.7/04.7	55047
1999 TH ₆₄	2009 12 02.6	04 35.38 +31 15.6 20.0	-1.06 - 1.2	3.3/03.7	47135
2005 NJ ₄₂	2009 12 02.6	04 35.43 +08 06.3 19.5	-1.03 + 0.7	7.0/01.5	40135
2007 RM ₂₂₅	2009 12 02.6	04 35.44 +26 02.3 19.8	-0.62 - 1.3	0.8/03.2	66287
2005 QT ₈	2009 12 02.6	04 35.45 +22 42.2 20.2	-1.18 - 3.0	9.8/23.0	66202
2002 EP ₁₁₃	2009 12 02.6	04 35.48 +39 23.1 19.3	-1.18 - 5.9	7.6/05.4	66130
2003 AG ₅₇	2009 12 02.6	04 35.52 +34 16.0 18.8	-1.21 - 2.4	5.4/04.1	66147
2007 EQ ₁₂₃	2009 12 02.6	04 35.53 +18 21.8 21.0	-0.93 - 1.1	1.0/02.3	47423
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	66134
2005 SY ₃₂	2009 12 02.6	04 35.62 +27 47.7 19.2	-1.19 + 0.8	2.5/03.2	66209
2005 AY ₃₇	2009 12 02.6	04 35.64 +11 08.5 20.2	-0.86 + 0.7	3.2/01.7	73786

2006 JV ₄₆	2009 12 02.6	04 35.64 +10 23.9 19.6	-0.84	-	7.1	3.3/30.6	66261	2008 QY ₁₇	2009 12 02.8	04 36.32 +11 56.1 20.0	-0.82	-	3.6	3.2/01.5	65592
2000 SA ₁₃₀	2009 12 02.6	04 35.66 +16 31.0 17.4	-0.93	-	9.6	2.6/01.7	66096	2005 XJ ₃₈	2009 12 02.8	04 36.34 +39 52.2 20.4	-1.03	-	2.1	4.7/05.1	46332
2009 VK ₁	2009 12 02.6	04 35.70 +10 36.1 19.1	-1.01	+	0.4	4.7/01.7	65962	2007 GK ₁₈	2009 12 02.8	04 36.35 -00 51.6 20.9	-0.78	-	1.0	6.1/30.4	55320
2007 EP ₉₉	2009 12 02.7	04 35.61 +34 00.3 21.0	-1.08	-	1.5	3.5/04.1	59791	2009 VB ₃₉	2009 12 02.8	04 36.36 +26 38.9 18.8	-1.19	+	5.7	2.1/03.0	65982
2006 AM ₂₅	2009 12 02.7	04 35.62 +27 39.3 20.9	-1.05	-	3.3	2.1/03.4	66247	2002 LR ₆₁	2009 12 02.8	04 36.36 +07 08.7 19.8	-0.86	-	0.2	4.7/01.4	60311
2005 YO ₂₁₆	2009 12 02.7	04 35.67 +24 50.4 18.8	-1.07	+	0.7	1.2/03.0	65504	2006 BU ₇₉	2009 12 02.8	04 36.39 +39 36.3 19.0	-1.13	-	0.7	6.1/04.8	66250
2002 UX ₆₇	2009 12 02.7	04 35.70 +24 17.0 20.4	-1.24	+	1.2	1.0/02.9	66143	2003 UQ ₁₀₄	2009 12 02.8	04 36.39 +11 06.4 19.7	-0.83	-	5.7	4.0/01.2	65376
2004 DW ₃₈	2009 12 02.7	04 35.74 +36 50.6 19.5	-1.33	-	2.7	7.1/04.6	66168	2000 DW ₆₂	2009 12 02.8	04 36.40 +42 31.1 19.5	-1.09	-	1.5	6.4/05.4	47143
2007 FX ₃₂	2009 12 02.7	04 35.76 +10 36.1 20.2	-0.95	-	3.7	3.9/01.2	66279	2008 PA ₅	2009 12 02.8	04 36.40 +00 26.1 20.7	-0.81	-	1.7	6.5/30.5	43305
2005 YM ₂₉₀	2009 12 02.7	04 35.76 +29 25.4 21.4	-1.02	-	3.5	2.4/03.7	11154	2005 UU ₁₉₈	2009 12 02.8	04 36.42 +13 18.0 21.0	-1.08	-	3.2	3.2/01.8	66223
2004 RU ₈₅	2009 12 02.7	04 35.76 +00 00.1 20.6	-0.92	-	1.6	7.7/30.2	41811	2003 SN ₅₄	2009 12 02.8	04 36.46 +13 48.8 19.8	-0.86	-	4.1	2.7/01.7	66155
2008 SY ₂₂₄	2009 12 02.7	04 35.77 +17 33.2 20.9	-0.57	-	1.7	0.9/02.2	66327	1999 TQ ₅₂	2009 12 02.8	04 36.47 +19 02.4 20.9	-0.95	-	3.0	1.1/02.5	66088
2004 TG ₂₄₂	2009 12 02.7	04 35.78 +28 16.2 19.8	-1.03	-	1.5	2.3/03.4	66187	2001 OY ₃₄	2009 12 02.8	04 36.47 +17 59.0 20.4	-1.16	+	1.0	1.5/03.0	40092
2008 RW ₄₀	2009 12 02.7	04 35.80 +14 50.8 20.9	-0.82	-	2.0	2.0/01.9	66323	2009 VX ₆₉	2009 12 02.8	04 36.47 +24 05.7 19.8	-0.94	-	1.2	0.7/03.1	66000
2005 BH ₉	2009 12 02.7	04 35.83 +07 51.1 19.9	-0.84	+	0.8	4.4/01.4	11078	2001 TQ ₂₄₇	2009 12 02.8	04 36.48 +18 19.2 19.6	-1.01	-	1.4	1.8/02.5	66111
2001 XG ₁₄₄	2009 12 02.7	04 35.84 +17 07.2 19.3	-1.02	-	1.1	2.1/02.2	41775	2004 PE ₉₂	2009 12 02.8	04 36.49 +27 19.6 19.5	-1.07	-	6.0	2.0/03.7	65390
2006 KS ₈₃	2009 12 02.7	04 35.84 +08 36.5 21.2	-0.83	+	0.1	4.1/01.4	03926	2006 BM ₁₈₂	2009 12 02.8	04 36.51 +24 24.2 20.6	-0.95	-	1.5	0.8/03.2	66252
2003 UN ₁₃₉	2009 12 02.7	04 35.85 +27 21.2 20.3	-1.01	+	1.7	1.7/03.2	66162	2001 XB ₂₃₇	2009 12 02.8	04 36.57 +25 56.2 18.6	-0.96	-	2.4	2.0/03.4	66120
2002 AZ ₁₃₁	2009 12 02.7	04 35.87 +25 51.0 18.6	-1.02	-	4.9	1.7/03.3	66124	2007 HD ₁₁	2009 12 02.9	04 36.49 +21 39.3 20.8	-1.03	-	0.8	7.8/13.0	66283
2002 FR ₁₆	2009 12 02.7	04 35.90 +06 49.1 19.6	-0.95	-	0.5	5.4/01.1	43152	2004 RG ₃₁₀	2009 12 02.9	04 36.49 +39 38.1 21.2	-1.21	-	1.2	5.5/05.0	58483
2008 QP ₂₁	2009 12 02.7	04 35.91 +20 10.8 20.1	-0.85	-	3.1	0.5/02.5	66322	2004 PQ ₁₀₈	2009 12 02.9	04 36.56 +26 28.7 20.3	-1.07	-	1.8	1.6/03.4	66175
2003 FV ₉₃	2009 12 02.7	04 35.94 +26 40.6 20.5	-1.08	+	1.1	1.4/03.1	65356	2002 QR ₁₁₃	2009 12 02.9	04 36.58 +23 15.3 20.9	-0.85	-	3.3	0.3/03.1	65335
2002 AK ₄₄	2009 12 02.7	04 35.95 +19 36.2 19.0	-0.98	-	2.6	1.1/02.5	66123	2007 EU ₈₅	2009 12 02.9	04 36.58 +37 31.9 19.6	-1.26	+	2.2	5.5/04.1	66275
2000 GS ₁₆₉	2009 12 02.7	04 35.99 +28 09.7 20.9	-1.16	-	2.2	2.2/03.5	47145	2002 UT ₇₄	2009 12 02.9	04 36.58 +20 48.9 19.4	-1.13	+	1.7	0.6/02.8	65345
2002 RX ₁₃₅	2009 12 02.7	04 36.00 +14 05.5 19.5	-1.18	+	0.9	3.6/02.2	66138	2004 PT ₅₁	2009 12 02.9	04 36.58 +13 54.4 21.3	-1.00	-	0.7	2.6/02.1	66175
2008 QL ₁₀	2009 12 02.7	04 36.00 +34 20.9 20.4	-0.98	-	1.9	3.5/04.3	66322	2000 HR ₇₇	2009 12 02.9	04 36.59 +16 59.5 18.8	-0.91	-	7.2	1.8/02.1	66093
2007 EL ₁₆₈	2009 12 02.7	04 36.00 +23 39.7 19.6	-1.04	-	0.3	0.6/03.0	66277	2004 XD ₃₇	2009 12 02.9	04 36.61 +18 45.6 19.6	-0.94	+	1.0	1.1/02.7	66191
2000 GO ₇₇	2009 12 02.7	04 36.02 +30 25.9 20.5	-1.23	+	0.4	3.2/03.5	16137	2005 UE ₁₈₄	2009 12 02.9	04 36.62 +22 51.9 21.5	-1.10	-	1.5	8.5/13.0	19662
2007 MO ₂₄	2009 12 02.7	04 36.03 +26 22.4 19.4	-0.91	-	4.3	1.3/03.4	66287	2004 TF ₁₀₉	2009 12 02.9	04 36.63 +18 37.7 18.7	-1.03	+	1.1	1.4/03.0	66184
2003 ST ₁₄₄	2009 12 02.7	04 36.05 +16 18.7 18.6	-0.89	-	6.7	2.1/01.9	66156	2004 TQ ₂₉₀	2009 12 02.9	04 36.65 +10 32.5 20.7	-0.91	-	3.9	3.5/01.4	66187
2007 DB ₁₂	2009 12 02.7	04 36.07 +12 18.7 20.2	-1.10	+	0.3	4.0/01.9	66270	2005 QZ ₃₉	2009 12 02.9	04 36.65 +26 44.3 19.3	-1.12	-	6.9	2.2/03.7	65430
2009 VS ₂₃	2009 12 02.7	04 36.09 +28 00.0 20.1	-1.21	+	2.0	2.2/03.2	65973	2007 BM ₈₁	2009 12 02.9	04 36.65 +22 11.3 20.4	-1.15	-	1.0	9.3/13.0	65541
2008 SN ₁₅	2009 12 02.7	04 36.11 +44 16.2 19.7	-1.15	-	2.4	7.9/05.8	49045	2005 UZ ₃₁	2009 12 02.9	04 36.74 +22 17.1 20.5	-1.01	-	1.0	12.0/23.0	65458
2002 PE ₁₈₈	2009 12 02.7	04 36.14 +15 12.8 20.9	-1.19	-	0.7	3.1/02.2	65331	2002 FM ₄	2009 12 02.9	04 36.79 +06 45.1 20.2	-0.89	-	3.2	4.8/30.9	47210
2008 EB ₆₉	2009 12 02.8	04 36.04 -26 14.0 20.1	-1.07	+	6.2	17.8/04.1	39295	2006 DU ₁₅₉	2009 12 02.9	04 36.83 +34 28.3 21.2	-1.01	-	1.4	3.8/04.4	42806
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 DJ ₂₀	2009 12 02.9	04 36.84 +19 31.7 21.4	-1.08	-	1.7	1.0/02.7	16093
2007 GH ₃₀	2009 12 02.8	04 36.08 +27 45.0 21.1	-1.07	-	0.8	1.9/03.4	47428	2006 BC ₂₂₀	2009 12 02.9	04 36.85 +13 04.7 19.5	-0.95	-	0.5	3.3/02.1	66253
2007 DE ₃₇	2009 12 02.8	04 36.08 +42 27.2 20.3	-1.24	-	1.3	6.5/05.3	47420	2004 TK ₂₁₄	2009 12 02.9	04 36.85 +20 37.5 20.6	-0.97	-	2.1	0.5/02.8	65407
2007 GT ₇₃	2009 12 02.8	04 36.09 +19 28.8 20.9	-1.00	-	2.1	0.9/02.5	66282	2001 RC ₁₀₂	2009 12 02.9	04 36.86 +14 31.8 20.4	-1.06	-	2.2	3.1/02.2	66105
2004 QQ ₁₃	2009 12 02.8	04 36.11 +39 39.7 20.9	-1.26	-	0.2	6.0/04.7	18082	2003 SJ ₂₀₃	2009 12 02.9	04 36.86 +41 08.7 20.0	-1.12	-	0.6	7.1/05.2	21799
2000 CH ₁₃₀	2009 12 02.8	04 36.13 +09 58.0 20.1	-1.07	-	1.2	5.0/01.6	17907	2008 SP ₆₇	2009 12 02.9	04 36.87 +12 30.9 20.2	-0.55	-	2.1	1.8/01.7	66326
2003 SA ₄₁	2009 12 02.8	04 36.15 +46 41.7 19.3	-1.26	+	1.9	9.1/05.2	66155	2007 JC ₁₀	2009 12 02.9	04 36.89 +27 32.3 20.4	-1.21	+	1.0	2.2/03.0	66285
2002 GN ₁₀₁	2009 12 02.8	04 36.17 +11 00.4 19.0	-0.93	-	4.5	4.5/01.2	66131	2003 SD ₃₁₉	2009 12 02.9	04 36.89 +30 26.9 19.4	-1.01	+	1.3	2.9/03.7	66159
2005 TH ₁₂₃	2009 12 02.8	04 36.19 +27 21.4 21.4	-1.20	-	1.6	1.9/03.4	60840	2006 HM ₁₁₆	2009 12 02.9	04 36.90 +21 45.6 20.8	-0.85	-	2.6	6.8/13.0	66260
2000 SE ₈₁	2009 12 02.8	04 36.21 +37 48.8 20.6	-1.30	+	0.5	5.7/04.4	84596	2002 YG ₇	2009 12 02.9	04 36.95 +11 05.9 17.8	-1.00	+	1.2	5.6/02.1	66146
2007 ER ₃₁	2009 12 02.8	04 36.22 +18 47.4 20.2	-1.10	-	1.4	1.2/02.5	66273	2002 QD ₇₄	2009 12 02.9	04 36.96 +05 26.8 20.7	-0.81	0.0	4.8/01.4	02119	
2003 SL ₃₂₇	2009 12 02.8	04 36.25 +12 43.8 20.6	-0.83	-	3.3	2.8/01.6	66159	2008 RN ₄₉	2009 12 02.9	04 36.96 +18 14.2 20.7	-0.95	-	3.6	1.3/02.5	66323
2001 YY ₄	2009 12 02.8	04 36.28 +45 24.6 18.3	-1.53	+	7.2	14.2/02.8	64175	2004 EZ ₈₆	2009 12 02.9	04 36.98 +14 53.0 20.0	-1.13	-	0.7	2.9/02.3	66169
2007 BW ₆₄	2009 12 02.8	04 36.28 +13 15.1 20.7	-1.05	-	1.9	3.3/01.9	66267	2003 WA ₇₆	2009 12 02.9	04 36.98 +32 49.0 19.9	-0.95	-	2.6	3.2/04.4	62380
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 YV ₁₈₅	2009 12 02.9	04 36.98 +36 57.5 21.3	-1.08	-	3.9	4.4/05.1	98064
2007 ET ₂₁₄	2009 12 02.8	04 36.29 +30 53.7 20.0	-1.14	-	0.7	3.4/03.8	24151	2002 PP ₁₃₅	2009 12 02.9	04 36.99 +18 27.9 20.3	-1.23	-	1.0	1.5/03.0	66135

2004 HR ₂₀	2009 12 02.9	04 37.00 +26 39.2 20.5	-1.17	- 0.6	1.7/03.4	66172	2001 OJ ₅₇	2009 12 03.2	04 37.82 +27 50.6 19.4	-1.19	- 3.2	2.2/03.9	39149
2004 RD ₂₃₁	2009 12 03.0	04 36.92 +28 07.2 20.5	-1.04	- 1.3	2.0/03.7	66180	2005 SF ₆₃	2009 12 03.2	04 37.82 +21 15.7 20.8	-1.13	- 2.6	0.4/03.1	66210
2008 SN ₁₈	2009 12 03.0	04 36.92 +20 29.6 20.4	-0.87	- 1.6	0.5/02.8	66325	2000 KA ₅	2009 12 03.2	04 37.84 +17 35.4 20.7	-1.09	+ 1.4	1.5/02.9	41756
2005 SY ₁₅₀	2009 12 03.0	04 36.97 +29 23.4 21.3	-1.22	- 0.4	2.8/03.7	95878	2006 BJ ₇₃	2009 12 03.2	04 37.85 +22 44.2 20.2	-0.98	- 0.7	0.2/03.3	66250
2004 GF ₂₄	2009 12 03.0	04 36.98 +19 40.7 20.0	-1.16	+ 0.9	0.9/02.8	60802	2001 UC ₂₂₇	2009 12 03.2	04 37.86 +16 14.5 20.3	-1.06	- 1.4	2.2/02.6	66113
2005 RY ₅	2009 12 03.0	04 37.11 +13 33.2 21.3	-1.11	- 2.5	3.0/02.1	66207	2001 YX ₁₃₀	2009 12 03.2	04 37.89 +22 47.4 17.7	-1.00	+ 2.9	0.4/03.3	66122
2005 NW ₁₆	2009 12 03.0	04 37.13 +19 12.3 20.8	-1.15	- 2.4	1.2/02.7	66200	2004 GM ₂₀	2009 12 03.2	04 37.90 +20 49.0 20.7	-1.10	- 1.3	0.4/03.1	66171
2004 HK ₈	2009 12 03.0	04 37.14 +24 58.0 20.4	-1.16	+ 0.2	1.0/03.3	66172	2008 OU ₁₃	2009 12 03.2	04 37.92 +27 15.9 20.5	-0.93	- 2.5	1.7/03.9	66321
2007 DV ₃₃	2009 12 03.0	04 37.14 +26 14.9 19.4	-1.12	- 0.6	2.1/03.4	66270	2001 SC ₇	2009 12 03.2	04 37.94 +24 14.8 20.8	-1.14	- 2.0	0.8/03.5	47172
2005 UC ₄₅₁	2009 12 03.0	04 37.14 +29 37.8 20.3	-1.20	+ 0.7	3.2/03.6	66228	2002 OC ₂₉	2009 12 03.2	04 37.95 +17 00.7 21.4	-0.82	- 2.7	1.3/02.6	66134
2004 RU ₁₄₇	2009 12 03.0	04 37.15 +06 48.3 19.9	-0.92	- 1.9	5.8/01.4	66178	2007 ED ₃₈	2009 12 03.2	04 37.99 +15 48.4 20.3	-0.98	- 2.7	2.3/02.5	66273
2002 RP ₂₂₄	2009 12 03.0	04 37.20 +26 08.5 19.9	-1.29	+ 1.1	1.7/03.4	66138	2006 YK ₂₃	2009 12 03.2	04 37.99 +24 22.4 20.5	-1.22	- 1.6	0.9/03.5	66265
2006 AK ₃₁	2009 12 03.0	04 37.21 +12 54.4 19.7	-0.98	+ 1.1	3.3/02.3	66247	2004 FT ₈₅	2009 12 03.2	04 38.01 +13 21.0 19.2	-1.16	+ 1.5	4.1/02.6	66170
2003 ST ₃₈₂	2009 12 03.0	04 37.22 +06 18.3 21.4	-0.83	- 2.0	4.9/01.2	48904	2007 FN ₁₀	2009 12 03.2	04 38.04 +32 38.1 20.4	-1.11	- 1.5	3.5/04.4	55316
2006 AS ₇₂	2009 12 03.0	04 37.24 +15 28.5 20.5	-0.94	- 1.5	2.3/02.3	66248	2001 RG ₁₁₈	2009 12 03.2	04 38.06 +24 31.9 20.0	-1.15	- 1.8	1.0/03.5	66105
2005 QX ₁₂₀	2009 12 03.0	04 37.28 +11 15.1 19.2	-0.93	- 3.0	5.6/01.7	66205	2005 NQ ₁₇	2009 12 03.2	04 38.06 +33 49.9 21.0	-1.33	- 1.4	4.6/04.5	39216
2007 BN ₆₈	2009 12 03.0	04 37.33 +05 05.5 21.7	-1.02	- 1.5	6.0/01.2	22577	2006 AN ₆₀	2009 12 03.2	04 38.08 +22 52.1 20.8	-1.00	- 2.1	0.3/03.3	66248
2009 VD ₇₀	2009 12 03.0	04 37.34 +25 28.2 19.9	-1.06	- 0.6	1.5/03.4	66000	2006 JO ₆₅	2009 12 03.2	04 38.08 +20 11.8 20.4	-0.91	- 2.1	0.7/03.0	65526
2007 DX ₂₄	2009 12 03.0	04 37.34 +10 27.5 19.9	-1.05	- 2.0	4.8/01.8	66270	2005 VH ₃₉	2009 12 03.2	04 38.09 +27 33.5 19.8	-1.18	+ 1.7	2.4/03.7	66230
2005 XH ₆₀	2009 12 03.0	04 37.38 +20 39.6 20.8	-1.06	- 0.1	0.5/03.0	66238	2007 HC ₉₀	2009 12 03.2	04 38.10 +06 39.0 20.2	-0.86	+ 0.6	4.5/02.0	66285
2008 RU ₁₀₇	2009 12 03.0	04 37.40 +20 36.9 20.5	-0.96	- 3.0	0.5/02.9	65594	2007 GN ₄₂	2009 12 03.2	04 38.10 +23 29.8 20.7	-0.90	- 1.5	0.4/03.4	66281
2002 CE ₉	2009 12 03.0	04 37.41 +15 46.0 19.9	-0.99	- 1.0	2.4/02.4	66125	2005 CW ₄₂	2009 12 03.2	04 38.11 +25 15.5 19.4	-0.91	- 3.9	1.0/03.7	60822
2002 RJ ₁₂₆	2009 12 03.0	04 37.45 +29 16.4 20.3	-1.33	- 0.8	3.0/03.8	39171	2008 SS ₂₄₉	2009 12 03.2	04 38.12 +19 36.3 20.5	-0.82	- 3.1	0.7/02.9	66328
2005 UO ₆₁	2009 12 03.1	04 37.36 +20 04.2 20.9	-1.08	- 2.5	0.7/02.9	40148	2000 BE ₃	2009 12 03.2	04 38.12 +18 09.3 19.8	-0.91	- 1.2	1.2/02.8	66090
2004 GZ ₅₉	2009 12 03.1	04 37.36 +16 22.6 20.4	-1.11	- 2.4	2.3/02.5	66172	2005 YD ₁₆	2009 12 03.2	04 38.13 +22 30.7 20.5	-1.00	- 2.3	0.2/03.3	20829
2004 FT ₃₂	2009 12 03.1	04 37.37 -11 01.5 20.8	-1.01	- 4.5	11.5/27.9	86398	2008 JP ₂₈	2009 12 03.2	04 38.15 +12 52.4 19.9	-1.08	- 3.2	4.1/02.2	66319
2005 CF ₃₉	2009 12 03.1	04 37.39 +28 19.9 20.8	-0.94	- 0.8	2.1/03.8	66195	2007 ER ₈₄	2009 12 03.2	04 38.21 +01 26.7 21.6	-0.94	- 0.8	6.4/01.1	17823
2003 UY ₃₀₉	2009 12 03.1	04 37.42 +38 07.1 19.7	-1.02	- 1.9	4.5/05.1	48912	2009 SC ₃₂₀	2009 12 03.2	04 38.22 +21 54.0 19.2	-1.02	- 2.5	0.1/03.3	65808
2006 AO ₃	2009 12 03.1	04 37.47 +46 30.6 21.1	-1.26	+ 2.8	6.5/04.8	02268	2002 JP ₆₁	2009 12 03.2	04 38.25 +23 36.7 19.3	-1.04	+ 1.8	0.5/03.4	66132
2004 TZ ₁₄₇	2009 12 03.1	04 37.48 +26 07.7 20.8	-1.01	- 2.4	1.6/03.6	66185	2007 DO ₁₂	2009 12 03.2	04 38.26 +16 49.7 19.6	-1.14	- 0.7	2.4/02.8	66270
2008 QW ₂₁	2009 12 03.1	04 37.51 -03 32.7 20.9	-0.77	- 3.1	7.2/29.7	46621	2009 SA ₂₅₃	2009 12 03.2	04 38.29 +17 21.3 18.7	-0.89	- 3.7	1.9/02.7	65788
2002 GC ₄₁	2009 12 03.1	04 37.51 +33 45.9 20.5	-1.13	+ 0.4	4.3/04.2	23852	2002 CC ₄₉	2009 12 03.2	04 38.29 +26 17.3 18.5	-0.99	- 2.7	2.0/03.8	66126
2005 SS ₁₁₅	2009 12 03.1	04 37.52 +14 30.3 20.8	-1.07	- 3.7	2.9/02.2	66211	2005 SD ₂₃₈	2009 12 03.3	04 38.22 +24 44.5 20.4	-1.13	- 2.5	1.0/03.6	66214
2004 TC ₈₂	2009 12 03.1	04 37.54 +23 20.8 21.1	-1.00	- 2.5	0.4/03.3	66184	2002 GD ₆₁	2009 12 03.3	04 38.23 +25 31.7 19.9	-1.03	- 0.3	1.2/03.6	66131
2005 PH	2009 12 03.1	04 37.54 +19 52.0 19.9	-1.17	- 6.5	0.9/02.8	66202	2005 WU ₉₆	2009 12 03.3	04 38.23 +19 31.1 20.9	-1.02	- 1.2	0.9/03.0	20825
2005 YK ₃₂	2009 12 03.1	04 37.55 +12 37.8 20.6	-0.95	- 0.4	3.3/02.2	66240	2007 ES ₁₈₄	2009 12 03.3	04 38.32 -01 19.7 20.2	-1.20	+ 3.2	8.9/01.6	22883
1995 QE ₁₄	2009 12 03.1	04 37.55 +20 20.7 20.3	-0.98	- 4.0	0.7/02.9	66082	2000 QH ₁₆₈	2009 12 03.3	04 38.35 +32 13.5 20.0	-1.14	- 3.7	3.7/04.7	66139
2000 GW ₁₇₅	2009 12 03.1	04 37.56 +10 09.6 19.7	-1.09	- 4.3	5.0/01.5	66093	2003 UC ₃₁₆	2009 12 03.3	04 38.36 +10 05.5 19.7	-0.83	- 0.7	3.7/02.1	66164
2007 EP ₅₃	2009 12 03.1	04 37.57 +08 25.7 20.2	-0.89	- 3.6	4.4/01.3	58565	2005 XH ₆₁	2009 12 03.3	04 38.47 +20 04.0 17.9	-0.93	- 7.9	1.0/03.0	66238
2005 SA ₂₈	2009 12 03.1	04 37.58 +28 43.0 20.1	-1.19	- 3.0	2.5/03.9	66209	1988 PF ₁	2009 12 03.3	04 38.50 +28 25.4 19.4	-1.13	- 4.3	2.8/04.3	65296
2002 AM ₁₇₂	2009 12 03.1	04 37.61 +10 13.8 19.1	-1.01	+ 1.8	4.6/02.3	66124	2005 QG ₃₃	2009 12 03.3	04 38.52 +24 02.8 18.8	-1.11	- 2.6	0.9/03.6	66203
2005 QT ₁₄₀	2009 12 03.1	04 37.64 +11 32.4 20.9	-1.09	- 2.2	4.2/02.0	65435	2005 AJ ₅₅	2009 12 03.3	04 38.52 +09 56.3 19.6	-0.86	+ 0.4	3.9/02.3	66194
2002 AL ₆₅	2009 12 03.1	04 37.65 +36 03.6 19.7	-1.16	- 3.8	4.9/05.0	94489	5475 T-2	2009 12 03.3	04 38.55 +47 49.2 18.9	-1.30	- 2.0	11.3/07.2	70174
2002 PJ ₁₁₀	2009 12 03.1	04 37.73 +16 47.3 20.4	-0.83	- 3.6	1.5/02.5	47221	2003 WN ₄₆	2009 12 03.3	04 38.59 +10 49.7 19.7	-0.82	- 4.9	3.5/01.7	66164
2005 TP ₉₉	2009 12 03.1	04 37.73 +24 52.4 19.2	-1.12	- 2.7	1.3/03.5	66217	1995 UF ₈₀	2009 12 03.3	04 38.64 +36 34.0 20.6	-1.17	+ 0.6	4.6/04.6	48805
2000 CP ₄₂	2009 12 03.1	04 37.75 -13 24.6 20.6	-0.78	- 0.2	8.9/28.9	99935	2005 YY ₂₈	2009 12 03.3	04 38.65 +30 05.9 20.4	-1.08	- 4.1	3.2/04.5	96685
2003 TZ ₁₉	2009 12 03.1	04 37.77 +34 37.1 20.0	-1.00	- 2.6	4.0/04.8	47266	2004 RZ ₂₅₆	2009 12 03.3	04 38.67 +16 47.3 20.3	-0.98	- 1.5	2.1/02.8	66180
2007 FP ₂₆	2009 12 03.1	04 37.81 +23 11.4 21.0	-1.04	- 2.0	0.4/03.3	66279	2008 OS ₂₀	2009 12 03.3	04 38.68 +21 58.2 20.2	-0.93	- 2.1	0.1/03.4	66321
2007 KN ₇	2009 12 03.1	04 37.84 +20 51.0 20.5	-0.96	- 4.9	0.4/03.0	41875	2005 XF ₉₅	2009 12 03.3	04 38.71 +13 57.8 19.7	-1.06	- 4.3	3.4/02.3	66239
2003 SJ ₃₀₄	2009 12 03.2	04 37.77 -01 05.6 18.6	-0.78	- 4.5	8.7/29.5	66158	2003 SO ₂₂₆	2009 12 03.3	04 38.72 +26 07.8 20.3	-0.93	- 0.8	1.4/03.8	66157
2005 SN ₂₃₂	2009 12 03.2	04 37.81 +26 09.2 20.6	-1.14	- 1.1	1.8/03.6	66214	2007 CY ₁₅	2009 12 03.4	04 38.67 +28 17.8 20.4	-1.19	- 0.7	2.2/04.0	22873

2006 AM ₁₅	2009 12 03.4	04 38.67 +08 30.8 20.2	-0.96	+	0.5	5.1/02.2	65506
2005 AT ₃₄	2009 12 03.4	04 38.74 +28 25.7 19.4	-0.93	-	4.1	2.1/04.3	66194
2006 FA ₅₁	2009 12 03.4	04 38.76 +04 45.2 20.3	-0.88	+	1.3	4.9/01.9	66259
2004 EN ₇₃	2009 12 03.4	04 38.76 +08 14.8 19.3	-1.06	-	3.8	6.3/01.6	66169
2007 FN ₁₇	2009 12 03.4	04 38.77 +22 06.5 20.5	-1.02	-	3.4	0.0/03.4	66279
2004 QM ₂₁	2009 12 03.4	04 38.79 +14 53.4 20.4	-0.98	-	1.6	2.4/02.7	66176
2001 TP ₇	2009 12 03.4	04 38.80 -06 20.8 19.3	-1.19	-11.4	13.4/27.7	66108	
2003 TE ₁₀	2009 12 03.4	04 38.83 +57 12.7 18.3	-1.38	-	7.4	13.3/12.0	62449
2007 LM ₃₇	2009 12 03.4	04 38.84 +11 27.7 22.0	-0.89	-	2.1	3.1/02.2	22594
2005 UZ ₃₁₆	2009 12 03.4	04 38.86 +23 22.0 20.5	-1.19	-	3.3	0.5/03.6	66226
2007 EA ₁₈₄	2009 12 03.4	04 38.89 +13 48.1 20.3	-1.00	-	0.9	3.0/02.6	66277
2006 BV ₆₃	2009 12 03.4	04 38.91 +24 49.8 21.1	-0.99	-	2.4	0.9/03.8	26750
2003 TE ₅₅	2009 12 03.4	04 38.96 +17 16.5 19.7	-0.89	-	0.0	1.7/03.0	66160
2008 OP ₂₁	2009 12 03.4	04 38.99 +26 25.8 21.1	-1.12	-	2.0	1.5/03.9	46595
2003 UM ₅₄	2009 12 03.4	04 39.02 +43 37.3 19.7	-1.16	+	1.7	8.0/05.2	00606
1999 WH ₁₂	2009 12 03.4	04 39.03 +19 52.9 19.9	-1.19	+	1.5	1.0/03.3	16131
2001 TR ₉₁	2009 12 03.4	04 39.03 +22 49.1 20.1	-1.10	-	2.7	0.2/03.6	97481
2004 RP ₂₄₃	2009 12 03.5	04 39.11 +23 09.0 21.3	-1.03	-	1.7	0.3/03.6	19628
2006 DF ₉₀	2009 12 03.5	04 39.11 +10 12.0 20.4	-0.85	-	2.0	3.8/02.1	43261
2007 EJ ₁₀₅	2009 12 03.5	04 39.16 +28 02.4 20.9	-1.06	-	1.5	2.0/04.2	66275
2008 SV ₁₄₅	2009 12 03.5	04 39.18 +20 46.5 19.7	-0.83	-	3.8	0.4/03.3	66327
2005 TT ₃	2009 12 03.5	04 39.20 +19 48.4 18.8	-1.11	+	2.1	1.1/03.4	66215
2006 BM ₁₅₀	2009 12 03.5	04 39.21 +21 04.1 19.0	-1.00	+	1.6	0.5/03.4	66251
2003 TN ₄₄	2009 12 03.5	04 39.21 +15 15.0 19.6	-0.85	-	5.4	2.2/02.5	66160
2005 WE ₁₄₆	2009 12 03.5	04 39.22 +23 58.8 20.0	-1.11	-	0.4	0.7/03.7	66235
2005 TY ₁₈₇	2009 12 03.5	04 39.22 +12 39.2 20.2	-1.08	-	1.9	3.9/02.5	62442
2005 XZ ₁₁₀	2009 12 03.5	04 39.23 +14 30.0 19.8	-0.84	-	1.3	2.2/02.7	66239
2005 TD ₄₅	2009 12 03.5	04 39.25 +21 14.9 20.9	-1.11	-	2.5	0.3/03.4	66216
2003 UU ₃₂₂	2009 12 03.5	04 39.25 +21 36.4 20.6	-0.89	-	1.0	0.2/03.5	66164
2008 GZ ₃₈	2009 12 03.5	04 39.26 +15 01.8 20.9	-1.13	-	2.1	2.8/02.8	66317
2005 TM ₂₅	2009 12 03.5	04 39.28 +25 26.6 20.4	-1.14	-	0.7	1.3/03.8	66216
2007 FS ₂₂	2009 12 03.5	04 39.28 +21 31.7 20.5	-1.13	-	1.3	0.3/03.5	66279
2005 QE ₁₀₆	2009 12 03.5	04 39.32 +20 22.9 20.3	-1.18	-	0.4	0.7/03.4	66205
2008 SD ₂₀₉	2009 12 03.5	04 39.32 +22 17.3 20.7	-0.96	-	0.9	0.0/03.6	66327
2007 DJ ₉₆	2009 12 03.5	04 39.37 +20 33.9 20.7	-1.12	-	2.4	0.6/03.4	66272
2001 SA ₁₄₅	2009 12 03.5	04 39.40 +30 00.1 19.5	-1.17	-	2.6	3.1/04.5	17950
2006 BW ₁₄₈	2009 12 03.5	04 39.44 +22 32.6 19.4	-1.00	-	0.8	0.1/03.6	65514
2004 GM ₆₄	2009 12 03.5	04 39.45 +34 53.3 18.9	-1.28	-	0.8	5.9/04.9	66172
2006 DJ ₉₉	2009 12 03.5	04 39.45 +17 15.3 21.6	-0.86	-	1.9	1.4/03.0	58874
2004 RS ₁₄₅	2009 12 03.5	04 39.46 +43 56.1 20.8	-1.31	-	1.1	7.6/06.2	20348
2005 UQ ₂₀₆	2009 12 03.5	04 39.47 +28 13.1 20.3	-1.19	+	0.6	2.7/04.1	65465
2004 JX ₁₈	2009 12 03.5	04 39.48 +20 49.0 19.9	-1.11	-	4.0	0.5/03.4	64219
2004 XM ₁₂₉	2009 12 03.5	04 39.50 +25 52.7 19.3	-1.04	+	2.8	1.5/03.8	65417
2007 BW ₇₆	2009 12 03.5	04 39.51 +28 45.4 20.6	-1.21	-	3.6	2.5/04.4	66268
2005 ST ₂₄₉	2009 12 03.5	04 39.53 +15 42.4 19.6	-1.04	-	1.0	3.2/03.0	65450
2005 TK ₃₄	2009 12 03.5	04 39.55 +25 19.5 21.7	-1.19	-	0.8	1.2/03.9	35930
2003 SX ₁₃₅	2009 12 03.5	04 39.58 +13 46.5 18.5	-0.80	-	4.7	3.7/02.4	65366
2002 RC ₃₁	2009 12 03.5	04 39.58 +17 57.7 20.2	-1.17	-	3.6	1.7/03.1	66137
2005 SB ₅₅	2009 12 03.6	04 39.52 +19 05.9 19.4	-1.02	-	2.4	1.5/03.3	66209
2002 AV ₁₃₈	2009 12 03.6	04 39.57 +12 56.8 18.6	-0.93	-	1.7	4.4/02.6	66124
2000 ED ₂₃	2009 12 03.6	04 39.58 +19 04.5 20.6	-1.09	-	2.2	1.1/03.3	66092

2007 KE ₇	2009 12 03.6	04 39.59 +16 29.9 21.1	-0.96	+	0.7	1.8/03.2	65568
2003 UO ₉₁	2009 12 03.6	04 39.59 +08 11.7 19.7	-0.82	-	3.1	4.4/01.8	66161
2007 HQ ₅₄	2009 12 03.6	04 39.62 +20 15.7 20.4	-1.10	-	0.7	0.8/03.4	21689
2006 HK ₈₈	2009 12 03.6	04 39.62 +36 53.5 20.7	-1.09	+	0.7	5.1/04.9	09559
2005 WB ₁₂₂	2009 12 03.6	04 39.66 +20 14.8 18.9	-1.03	-	7.9	0.8/03.3	65482
2008 LY ₁₄	2009 12 03.6	04 39.71 +25 08.3 18.9	-0.99	-	6.1	1.1/04.1	66320
2002 CA ₅₆	2009 12 03.6	04 39.74 -12 49.6 20.6	-0.86	-	1.4	9.6/29.0	21312
2005 WC ₁₁₀	2009 12 03.6	04 39.74 +20 37.6 19.3	-1.07	-	0.5	0.6/03.5	66234
2003 EG ₅₇	2009 12 03.6	04 39.76 +06 05.7 20.4	-0.96	-	0.3	5.0/02.1	66150
2008 JY ₃₇	2009 12 03.6	04 39.76 +08 56.8 22.0	-1.11	-	0.9	4.8/02.4	43301
2000 UE ₅₉	2009 12 03.6	04 39.77 +20 27.2 19.1	-0.99	-	5.3	0.7/03.4	65311
2006 EG ₆	2009 12 03.6	04 39.85 +22 56.7 19.8	-0.94	-	1.3	0.3/03.7	66257
2002 TT ₁₀₁	2009 12 03.6	04 39.87 +23 38.9 19.4	-1.20	-	3.8	0.7/03.8	66140
2007 EW ₁₈₀	2009 12 03.6	04 39.88 +18 21.5 20.5	-0.97	-	3.0	1.3/03.2	66277
2001 TM ₆₈	2009 12 03.6	04 39.92 +09 56.1 18.4	-0.94	-	6.3	5.5/01.8	66109
2007 CC ₁₂	2009 12 03.6	04 39.95 +23 07.6 20.9	-1.11	-	1.2	0.4/03.8	16053
2004 RK ₁₁₆	2009 12 03.6	04 39.95 +16 14.6 20.3	-0.99	-	0.7	1.9/03.1	66178
2002 RZ ₅₈	2009 12 03.6	04 39.97 +25 34.2 19.1	-1.21	-	4.8	1.6/04.1	65337
2001 QK ₂₇₀	2009 12 03.6	04 39.99 +20 58.6 20.8	-1.13	-	1.4	0.4/03.6	66104
2005 QJ ₁₈	2009 12 03.6	04 40.01 +18 53.6 19.3	-1.07	-	1.2	1.6/03.4	66202
2007 CZ ₄₃	2009 12 03.6	04 40.03 +16 51.6 20.6	-1.13	-	2.8	2.2/03.1	66269
2005 WU ₁₀₉	2009 12 03.7	04 39.95 +21 38.5 19.7	-1.08	-	0.4	0.2/03.7	65481
2004 SW ₅₂	2009 12 03.7	04 39.96 +32 25.5 19.3	-1.09	-	7.4	4.1/05.5	00790
2000 SR ₂₃₂	2009 12 03.7	04 40.00 -22 17.5 19.4	-0.90	-	7.9	17.4/23.4	66096
2003 EJ ₂₂	2009 12 03.7	04 40.01 +05 29.0 20.7	-1.00	-	2.0	5.7/01.8	19594
2008 OD ₁₆	2009 12 03.7	04 40.02 +25 41.0 20.4	-0.94	-	3.0	1.2/04.2	66321
2008 HK ₅₃	2009 12 03.7	04 40.03 +15 19.0 20.5	-1.19	+	1.5	2.7/03.3	66319
2009 SW ₂₅₁	2009 12 03.7	04 40.03 +22 24.8 19.0	-1.11	+	0.2	0.1/03.7	65787
2003 KG	2009 12 03.7	04 40.05 +16 04.7 21.0	-1.01	+	1.5	1.8/03.3	65357
2004 RZ ₄₉	2009 12 03.7	04 40.06 +15 43.6 19.1	-0.97	-	1.8	2.6/03.0	66177
2004 HC ₁₀	2009 12 03.7	04 40.09 +22 57.0 20.7	-1.15	-	0.0	0.3/03.8	59724
2002 CL ₂₁	2009 12 03.7	04 40.10 +12 29.9 20.5	-1.02	-	1.1	3.6/02.7	66126
2005 QJ ₁₇₂	2009 12 03.7	04 40.10 +24 31.5 19.8	-1.16	-	3.5	0.9/04.0	66206
2004 FB ₇₂	2009 12 03.7	04 40.10 +25 18.3 20.8	-1.19	-	1.6	1.2/04.0	66170
2000 GV ₈₆	2009 12 03.7	04 40.13 +24 01.6 20.1	-1.12	-	1.2	0.6/03.9	65306
2008 UY ₁₅₂	2009 12 03.7	04 40.15 +14 40.0 20.1	-0.55	-	1.7	1.5/02.8	66333
2006 EW ₄₆	2009 12 03.7	04 40.16 +18 32.7 20.0	-0.89	-	1.0	1.1/03.4	66258
2006 FC ₃	2009 12 03.7	04 40.20 +31 14.7 22.9	-0.99	-	0.4	2.6/04.6	02308
2004 ES ₈₀	2009 12 03.7	04 40.24 +12 25.4 20.1	-1.12	-	0.5	4.0/02.9	66169
2006 AK ₁₀₀	2009 12 03.7	04 40.27 +28 01.9 20.6	-1.02	-	2.1	2.2/04.4	66248
2007 CA ₄₂	2009 12 03.7	04 40.27 +34 44.5 19.8	-1.30	-	1.5	5.6/05.0	30251
2007 FF ₂₃	2009 12 03.7	04 40.33 +23 30.5 20.9	-1.11	-	0.9	0.5/03.9	66279
2007 DO ₈₆	2009 12 03.7	04 40.33 +09 45.5 19.9	-0.99	-	1.2	4.3/02.6	66271
2004 SH ₂₄	2009 12 03.7	04 40.37 +26 31.3 20.6	-1.04	-	0.6	1.5/04.2	65402
2006 DV ₈	2009 12 03.7	04 40.38 +24 07.6 19.6	-1.08	+	1.5	0.7/03.9	02287
2005 SQ ₇	2009 12 03.7	04 40.46 +25 56.5 19.5	-1.17	-	1.9	1.6/04.2	66208
2007 EV ₁₃	2009 12 03.7	04 40.46 +25 38.5 20.4	-1.17	-	2.1	1.4/04.2	66273
2006 AP ₃₂	2009 12 03.8	04 40.39 +13 25.6 20.1	-0.94	-	1.0	2.9/03.0	66247
2008 SK ₁₅	2009 12 03.8	04 40.39 +20 19.7 20.5	-0.88	-	1.9	0.6/03.6	66325
2007 EE ₁₂	2009 12 03.8	04 40.43 +31 27.6 20.3	-1.24	-	0.8	3.7/04.7	20851
2003 TD ₅₇	2009 12 03.8	04 40.43 +25 13.0 18.5	-0.91	-	6.3	1.0/04.3	66160

2007 JV ₁₉	2009 12 03.8	04 40.44 +10 27.1 21.5	-0.90 + 0.6	3.4/02.8	26288
2006 DQ ₁₂₁	2009 12 03.8	04 40.47 +19 20.0 19.3	-0.91 - 1.1	0.9/03.5	66256
2003 FE ₂₀	2009 12 03.8	04 40.47 +34 41.1 20.0	-1.30 + 1.6	4.8/04.6	59696
2007 HO ₂₄	2009 12 03.8	04 40.47 +15 49.0 21.3	-0.88 - 2.0	1.9/03.1	66283
2004 JX ₄₄	2009 12 03.8	04 40.49 +17 17.9 19.1	-1.35 + 6.2	1.9/03.7	66173
2002 TU ₂₀₀	2009 12 03.8	04 40.52 +28 16.1 19.1	-1.26 - 4.2	2.7/04.6	66141
2005 AF ₂	2009 12 03.8	04 40.54 +18 34.7 19.7	-0.92 + 1.7	1.0/03.6	66193
2005 SR ₁₈₈	2009 12 03.8	04 40.55 +18 30.7 19.5	-1.03 - 2.8	1.8/03.4	65448
2005 SH ₄	2009 12 03.8	04 40.57 +15 44.1 21.1	-1.11 - 2.8	2.5/03.1	97808
2006 BH ₃₄	2009 12 03.8	04 40.60 +34 24.1 20.2	-1.06 - 2.2	4.4/05.3	47377
2005 SD ₁₁₈	2009 12 03.8	04 40.61 +22 19.6 20.4	-1.18 + 0.1	0.1/03.9	97825
2005 YB ₁₀₁	2009 12 03.8	04 40.62 +29 25.2 20.1	-1.08 - 6.0	2.7/04.9	96762
2002 RV ₂₅₅	2009 12 03.8	04 40.62 +27 47.2 20.0	-0.90 - 3.4	1.6/04.6	66139
2007 DR ₄₇	2009 12 03.8	04 40.64 +34 45.0 20.9	-1.24 - 2.0	5.0/05.2	17752
2004 TO ₂₄₂	2009 12 03.8	04 40.65 +13 46.4 19.7	-1.06 + 2.0	3.4/03.4	66187
2006 DS ₉₇	2009 12 03.8	04 40.70 +44 21.9 20.5	-1.15 0.0	6.7/06.1	55217
2006 DO ₇₈	2009 12 03.8	04 40.72 +33 28.6 20.6	-1.00 - 1.6	3.5/05.2	43261
2002 EY ₃₃	2009 12 03.8	04 40.72 +30 02.8 18.6	-1.06 + 0.9	3.8/04.5	66129
2007 GX	2009 12 03.8	04 40.72 +22 11.4 21.1	-1.15 - 0.1	0.0/03.9	20861
2007 EO ₁₀₂	2009 12 03.8	04 40.76 +34 58.5 22.2	-1.12 - 0.3	3.8/05.1	41866
2000 PR ₁₀	2009 12 03.8	04 40.76 +05 10.8 19.5	-1.02 + 1.4	5.8/02.8	66094
2002 RL ₁₅	2009 12 03.8	04 40.78 +12 11.8 20.5	-1.14 - 2.3	4.1/02.9	66137
2006 HK ₄₂	2009 12 03.8	04 40.83 +12 41.4 20.5	-0.84 + 0.6	2.5/03.1	65524
2001 QY ₃₂	2009 12 03.8	04 40.87 +53 42.9 19.6	-1.94 -10.9	15.4/10.9	04153
2000 UZ ₁₅	2009 12 03.8	04 40.87 -10 09.8 19.9	-0.93 - 8.0	12.0/28.1	64157
2003 SE ₃₂	2009 12 03.8	04 40.87 +53 12.8 19.5	-1.36 - 1.4	9.4/08.4	58453
2007 FP ₂	2009 12 03.8	04 40.88 +57 42.2 21.3	-1.75 + 2.2	9.7/06.8	46522
2005 UX ₂₈₈	2009 12 03.9	04 40.82 +32 12.2 20.9	-1.21 - 0.3	3.6/04.8	20425
2004 TQ ₃₅₆	2009 12 03.9	04 40.83 -00 15.7 20.5	-0.90 - 1.5	8.1/01.7	18107
2007 BY ₁₉	2009 12 03.9	04 40.88 +20 01.1 19.6	-1.20 + 0.7	0.9/03.7	66266
2003 UK ₂₆₁	2009 12 03.9	04 40.89 +34 39.5 20.3	-1.05 + 0.8	4.1/05.0	58036
2001 QF ₂₅₈	2009 12 03.9	04 40.92 +14 10.9 20.0	-1.04 - 4.6	2.8/02.9	66104
2001 XM ₃₉	2009 12 03.9	04 40.94 +32 26.6 18.0	-1.10 +12.9	5.9/03.4	65318
2007 GF ₁₀	2009 12 03.9	04 40.95 +23 21.7 20.1	-1.16 + 0.9	0.5/04.0	66280
2002 QR ₁₀₃	2009 12 03.9	04 40.98 +29 29.9 20.5	-0.93 - 2.1	2.1/04.8	65334
2005 TA ₁₁₃	2009 12 03.9	04 40.99 +24 01.6 20.3	-1.06 - 2.8	0.9/04.1	65455
2005 WD ₂₀₈	2009 12 03.9	04 40.99 +25 07.4 20.2	-1.06 - 2.4	1.2/04.3	65487
2006 EQ ₆₅	2009 12 03.9	04 41.00 +09 58.1 20.3	-0.82 - 2.9	3.7/02.4	47400
2005 CE ₁	2009 12 03.9	04 41.03 +36 03.1 18.6	-1.01 - 6.9	4.7/06.3	66195
2005 RX ₉	2009 12 03.9	04 41.03 +17 39.6 17.4	-0.90 - 7.9	2.4/03.2	66207
2007 LH ₃	2009 12 03.9	04 41.05 +14 48.5 20.0	-0.93 - 4.1	2.6/03.0	66286
2009 VB ₆₀	2009 12 03.9	04 41.05 +09 53.9 18.8	-0.87 -11.5	4.6/01.4	65996
2006 AU ₇₈	2009 12 03.9	04 41.07 +17 50.8 20.9	-0.95 - 0.7	1.5/03.5	20483
2005 QK ₅₅	2009 12 03.9	04 41.10 +24 53.6 19.8	-1.21 - 1.0	1.2/04.2	66204
2005 BB ₂₁	2009 12 03.9	04 41.11 +11 25.3 19.6	-0.85 + 1.4	3.1/03.1	66195
2007 KL ₂	2009 12 03.9	04 41.14 +22 31.3 20.9	-0.99 - 4.9	0.1/04.0	22891
2007 FW ₄	2009 12 03.9	04 41.17 +30 40.0 20.1	-1.17 - 3.0	3.3/05.0	19453
2003 UA ₂₆₀	2009 12 03.9	04 41.24 +06 18.3 18.6	-0.93 + 4.6	6.0/03.5	66163
2008 QN ₃₆	2009 12 03.9	04 41.25 +11 18.3 20.0	-0.89 - 2.0	3.8/02.8	66322
2004 VA ₃₅	2009 12 03.9	04 41.29 +18 33.6 20.0	-0.95 - 1.0	1.3/03.6	66189
2006 BY ₆₀	2009 12 03.9	04 41.31 +42 01.2 19.0	-1.28 - 3.4	8.0/06.5	47378

2001 WG ₄₀	2009 12 03.9	04 41.32 +14 28.4 17.1	-0.84 -11.9	4.0/02.3	66116
2005 SO ₉₂	2009 12 03.9	04 41.33 +20 56.4 20.7	-1.11 - 2.5	0.5/03.9	66210
2001 SB ₂₅₉	2009 12 03.9	04 41.33 +28 24.5 21.5	-1.20 - 2.8	2.3/04.7	47176
2000 WW ₁₅₅	2009 12 03.9	04 41.35 +36 53.8 19.2	-1.31 + 2.7	5.9/05.0	66099
2006 EC ₁₀	2009 12 04.0	04 41.25 +20 43.7 20.7	-0.92 - 1.2	0.5/03.8	65521
2005 TQ ₁₃₆	2009 12 04.0	04 41.25 +13 59.2 19.6	-1.06 - 2.0	3.6/03.1	66217
2007 BL ₄₆	2009 12 04.0	04 41.25 +22 39.5 21.2	-1.15 - 1.3	0.2/04.0	66267
2004 RF ₁₀₄	2009 12 04.0	04 41.32 +26 59.0 20.0	-1.04 - 3.6	1.5/04.6	66178
2004 TY ₁₇₇	2009 12 04.0	04 41.33 +34 24.2 20.5	-1.13 - 1.0	4.1/05.3	50991
2007 HQ ₁₇	2009 12 04.0	04 41.34 -05 23.4 20.9	-0.78 - 3.4	7.0/30.5	49020
2007 FM ₂₂	2009 12 04.0	04 41.36 +02 29.5 20.5	-0.89 - 2.9	6.6/01.7	64317
2005 SG ₇₀	2009 12 04.0	04 41.37 +23 14.0 18.9	-1.08 - 2.4	0.5/04.1	66210
2007 HB ₁₆	2009 12 04.0	04 41.39 +17 54.3 20.9	-0.95 - 1.4	1.3/03.6	66283
2002 PM ₁₅₂	2009 12 04.0	04 41.41 +14 54.0 21.9	-0.82 - 0.7	1.9/03.3	21120
2002 RM ₁₃₁	2009 12 04.0	04 41.42 +41 04.8 20.2	-1.00 - 3.1	4.8/06.6	47228
2002 TN ₁₉₇	2009 12 04.0	04 41.43 +24 46.3 19.7	-1.21 - 4.0	1.1/04.3	65343
2005 SW ₂₂₄	2009 12 04.0	04 41.48 +20 53.9 19.0	-1.05 - 0.2	0.6/03.9	65450
2006 DT ₂₁₂	2009 12 04.0	04 41.51 +14 29.5 19.9	-0.94 - 1.0	2.8/03.3	66257
2008 VV ₅₃	2009 12 04.0	04 41.55 +28 22.4 21.0	-0.63 - 0.9	1.2/04.8	50679
2002 QB ₁₁₀	2009 12 04.0	04 41.55 +35 05.9 20.7	-0.97 - 2.7	3.8/05.7	60317
2004 DS ₅₆	2009 12 04.0	04 41.56 +30 09.3 20.7	-1.25 - 3.3	3.6/05.0	22474
2004 RS ₉₆	2009 12 04.0	04 41.57 +08 10.6 21.2	-0.97 - 3.9	4.8/02.4	39745
2002 TU ₈₅	2009 12 04.0	04 41.58 +18 55.0 19.9	-1.17 - 3.8	1.4/03.7	65341
2005 SR ₂₃₃	2009 12 04.0	04 41.58 +21 54.4 20.9	-1.10 - 2.3	0.1/04.0	18129
2005 QW ₄₅	2009 12 04.0	04 41.61 +10 54.0 19.4	-1.04 + 0.7	5.4/03.3	65431
2005 US ₄₄	2009 12 04.0	04 41.67 +18 48.2 20.2	-0.99 - 0.4	1.7/03.8	66219
2008 SV ₁₄₄	2009 12 04.0	04 41.68 +23 18.4 20.7	-0.60 - 1.2	0.2/04.2	65602
2003 UV ₃₄₁	2009 12 04.0	04 41.68 +24 44.0 20.5	-0.96 - 4.9	0.9/04.4	65378
2009 VE ₁₆	2009 12 04.0	04 41.72 +24 33.5 19.6	-1.20 + 1.6	1.1/04.2	66391
2002 EM ₃₉	2009 12 04.0	04 41.72 +05 18.4 20.9	-0.89 - 2.0	5.3/02.1	47207
2000 SR ₁₇₈	2009 12 04.0	04 41.72 +11 30.1 19.9	-1.07 - 5.7	4.5/02.7	66096
2006 DK ₁₆₆	2009 12 04.0	04 41.76 +35 12.7 20.9	-1.02 - 0.5	4.0/05.4	47396
2001 UZ ₁₇₀	2009 12 04.0	04 41.78 +40 16.9 18.6	-1.36 + 2.7	7.4/05.3	66113
2000 SV ₂₃₁	2009 12 04.0	04 41.79 +57 59.3 19.5	-1.93 + 5.4	13.3/06.0	19053
2001 RJ ₁₂₇	2009 12 04.0	04 41.79 +40 10.2 20.2	-1.40 - 0.9	6.7/06.1	94042
2006 AO ₅₃	2009 12 04.1	04 41.70 +25 48.1 20.4	-1.01 - 3.5	1.3/04.6	66247
2006 BO ₅₂	2009 12 04.1	04 41.71 +16 04.1 19.3	-0.96 - 0.2	2.6/03.6	65510
2003 OT ₈	2009 12 04.1	04 41.71 +30 23.0 18.7	-1.03 - 6.4	2.6/05.4	66153
1999 XH ₁₄₉	2009 12 04.1	04 41.72 +21 18.1 19.5	-0.93 - 3.0	0.3/04.0	65304
2004 BS ₁₆₀	2009 12 04.1	04 41.73 +25 38.1 21.5	-1.19 - 2.1	1.4/04.5	66167
2002 TN ₁₀₅	2009 12 04.1	04 41.74 +17 36.6 18.7	-1.01 - 7.3	2.5/03.4	65342
2005 YH ₁₅₄	2009 12 04.1	04 41.74 +26 59.0 19.3	-1.05 - 2.5	2.2/04.7	66244
2000 QF ₈₈	2009 12 04.1	04 41.75 +05 08.3 18.9	-0.98 - 1.8	7.7/02.6	66094
2007 FM ₃₁	2009 12 04.1	04 41.75 +17 23.3 19.9	-0.99 - 2.5	1.9/03.6	66279
2009 SO ₃₃₉	2009 12 04.1	04 41.78 +23 46.9 19.5	-1.01 + 2.2	0.5/04.2	65818
2007 EJ ₅₈	2009 12 04.1	04 41.78 +25 37.2 19.3	-1.12 - 2.7	1.7/04.5	65551
2006 BF ₉₆	2009 12 04.1	04 41.80 +18 13.2 20.4	-0.91 - 1.5	1.3/03.7	66250
2008 SO ₂₇₈	2009 12 04.1	04 41.80 +24 52.1 20.7	-0.61 - 0.9	0.5/04.4	66328
2006 HP ₈₇	2009 12 04.1	04 41.82 +31 40.6 21.1	-1.00 + 0.1	3.0/05.0	55228
2001 QV ₈₆	2009 12 04.1	04 41.88 +28 07.0 19.3	-1.14 - 7.4	2.4/05.1	66103
2005 UZ ₂₀₅	2009 12 04.1	04 41.92 +24 35.4 20.6	-1.14 + 0.1	0.9/04.3	66223

2006 CH ₆₅	2009 12 04.1	04 41.92 +18 16.8 20.0	-0.93 - 1.2	1.5/03.8	66254
2006 BF ₄₄	2009 12 04.1	04 41.93 +29 17.8 19.8	-1.02 - 1.9	2.7/04.9	66249
2000 QQ ₁₀₃	2009 12 04.1	04 41.94 +34 33.9 20.5	-1.19 - 0.8	4.2/05.4	70250
2007 DA ₁₀₃	2009 12 04.1	04 41.94 +40 24.5 20.1	-1.28 - 1.9	6.0/06.2	49017
2007 EB ₁₀₉	2009 12 04.1	04 41.96 +23 56.7 20.6	-0.99 - 0.8	0.5/04.3	66275
2006 EG ₇	2009 12 04.1	04 41.98 +09 41.4 21.2	-0.82 - 1.8	3.7/02.8	47398
2001 SL ₃₂	2009 12 04.1	04 42.00 +18 31.3 20.5	-1.10 - 2.0	1.5/03.8	66106
2004 TY ₉₉	2009 12 04.1	04 42.00 +27 25.1 19.9	-1.04 + 0.5	2.1/04.6	65404
2007 JC ₃₁	2009 12 04.1	04 42.02 +03 40.9 20.0	-0.95 - 2.9	6.3/01.8	66286
2004 PV ₂₀	2009 12 04.1	04 42.02 +02 02.8 20.9	-0.93 - 1.2	6.8/02.2	58479
2005 ST ₉	2009 12 04.1	04 42.04 +42 04.0 20.1	-1.53 + 0.4	7.7/06.2	39226
2005 XT ₆₅	2009 12 04.1	04 42.04 +31 33.3 18.4	-1.20 -14.2	3.7/06.2	66238
2005 TY ₂₀	2009 12 04.1	04 42.05 +19 19.4 20.5	-1.10 - 3.2	1.3/03.8	22521
2006 DP ₅₃	2009 12 04.1	04 42.07 +21 30.1 20.2	-0.93 - 2.0	0.2/04.1	66255
2003 UC ₃₈₂	2009 12 04.1	04 42.08 +35 41.9 21.0	-1.08 + 1.2	4.2/05.2	48912
2006 JB ₆₄	2009 12 04.1	04 42.14 +35 48.2 21.4	-1.02 - 1.2	4.2/05.7	47412
2007 EU ₁₃₀	2009 12 04.1	04 42.14 +10 11.9 20.2	-1.01 - 2.8	5.0/02.8	21197
2004 RS ₆₈	2009 12 04.1	04 42.15 +38 50.1 20.0	-1.22 - 0.3	6.0/05.9	19623
2001 SL ₃₀₅	2009 12 04.1	04 42.18 +33 21.6 20.1	-1.22 - 1.5	4.3/05.4	17419
2005 PV ₄	2009 12 04.1	04 42.21 +21 34.7 18.8	-1.29 + 4.5	0.3/04.2	66202
2005 CG ₁₅	2009 12 04.2	04 42.14 +20 34.7 19.7	-0.89 - 0.9	0.6/04.0	65421
2004 YK ₄	2009 12 04.2	04 42.15 -05 17.9 18.3	-0.93 + 5.8	11.5/03.3	66193
2006 DC ₁₁₄	2009 12 04.2	04 42.15 +08 13.7 19.6	-0.92 - 1.6	5.1/02.6	66256
2004 RX ₁₅₂	2009 12 04.2	04 42.16 +14 47.1 20.8	-0.96 - 4.0	2.6/03.3	39208
2007 CN ₅₂	2009 12 04.2	04 42.17 +29 26.4 19.6	-1.18 - 3.3	2.9/05.1	66269
2004 RR ₁₀₀	2009 12 04.2	04 42.18 +33 57.5 19.7	-1.12 - 3.1	4.5/05.7	18088
2007 FQ ₃₂	2009 12 04.2	04 42.18 +18 38.2 20.2	-1.00 - 1.9	1.3/03.8	66279
2007 HO ₈₄	2009 12 04.2	04 42.19 +25 17.5 20.6	-1.10 + 0.5	1.2/04.5	65564
2009 WF ₄₆	2009 12 04.2	04 42.22 +25 36.7 19.3	-1.17 - 4.9	1.4/04.7	66015
2004 GC ₂₄	2009 12 04.2	04 42.23 +41 27.9 20.4	-1.34 + 1.9	6.6/05.6	41789
2005 SF ₁₅₃	2009 12 04.2	04 42.23 +14 47.2 20.1	-1.03 - 3.2	3.3/03.4	34882
2004 GU ₅₈	2009 12 04.2	04 42.24 +31 39.3 20.0	-1.24 - 1.4	3.7/05.2	16268
2004 VG ₆₇	2009 12 04.2	04 42.25 +22 18.9 20.6	-0.95 - 2.1	0.0/04.2	65411
2002 GL ₄₉	2009 12 04.2	04 42.25 +27 45.7 20.9	-1.01 - 3.6	1.7/04.9	47211
2006 BZ ₁₄₁	2009 12 04.2	04 42.26 +29 50.3 20.7	-1.05 - 1.8	2.7/05.1	19688
2002 CX ₂₉₆	2009 12 04.2	04 42.28 +37 11.0 19.6	-1.18 - 0.8	6.1/05.6	47205
2005 SO ₁₀₃	2009 12 04.2	04 42.28 +07 44.1 19.7	-1.02 - 3.3	6.1/02.6	65445
2008 SQ ₂₂₃	2009 12 04.2	04 42.32 +20 17.0 20.5	-0.86 - 2.8	0.6/04.0	65603
2005 AR ₅₈	2009 12 04.2	04 42.34 +33 24.4 19.0	-0.98 - 4.0	3.8/05.8	66194
2003 SE ₄₁₁	2009 12 04.2	04 42.36 +19 50.7 21.0	-0.90 - 2.1	0.8/04.0	58457
2003 SJ ₁₉₆	2009 12 04.2	04 42.36 +13 57.3 19.4	-0.84 - 4.6	2.5/03.1	65367
2002 AF ₁₀₅	2009 12 04.2	04 42.36 +04 02.9 20.7	-0.92 + 0.4	5.2/02.6	66124
2007 BX ₁₀	2009 12 04.2	04 42.37 +23 30.0 20.3	-1.20 - 0.1	0.5/04.4	66266
2005 AH ₆₈	2009 12 04.2	04 42.38 +25 29.8 18.2	-0.91 - 5.1	1.3/04.7	66195
2006 GG ₃₅	2009 12 04.2	04 42.41 +08 32.8 21.5	-0.78 - 2.3	3.6/02.6	38087
2006 BD ₁₆₆	2009 12 04.2	04 42.42 +25 17.1 20.4	-1.01 - 1.9	1.1/04.6	66252
2004 TF ₄	2009 12 04.2	04 42.42 +23 02.3 20.3	-1.00 - 1.4	0.3/04.3	66183
2004 TD ₁₄₉	2009 12 04.2	04 42.44 +41 26.7 21.4	-1.25 + 0.6	6.6/05.9	73362
2006 SP ₁₁₁	2009 12 04.2	04 42.44 -05 41.9 19.7	-1.17 -10.0	12.7/29.0	43269
2002 RE ₂₀₃	2009 12 04.2	04 42.46 +29 46.5 20.0	-1.22 - 4.3	3.7/05.2	29615
2006 GC ₃₇	2009 12 04.2	04 42.47 +35 41.0 20.1	-1.03 + 1.3	4.1/05.3	03889

2005 UW ₂₁	2009 12 04.2	04 42.51 +19 20.0 20.2	-1.07 - 4.1	1.1/03.9	66219
2007 FD ₁₈	2009 12 04.2	04 42.52 +19 22.0 20.5	-1.12 - 1.0	1.1/04.0	66279
2000 DK ₁₄	2009 12 04.2	04 42.52 +22 40.5 20.6	-0.86 - 1.5	0.1/04.3	66091
2005 WN ₈₄	2009 12 04.2	04 42.54 +23 59.0 20.1	-1.09 - 1.5	0.7/04.5	66233
2002 CD ₆₅	2009 12 04.2	04 42.55 +32 35.6 20.0	-1.16 + 0.2	3.8/05.1	97562
2007 EO ₂₁₅	2009 12 04.2	04 42.60 +26 44.1 19.9	-1.15 - 3.7	1.8/04.8	65555
2005 YT ₈₉	2009 12 04.2	04 42.61 -01 02.7 19.5	-1.05 + 5.1	8.7/03.5	43247
2003 SM ₁₄₄	2009 12 04.2	04 42.65 +39 15.4 17.4	-1.02 - 5.7	6.9/07.2	66156
2003 SN ₂₂₅	2009 12 04.3	04 42.55 +20 47.5 19.1	-0.89 - 1.0	0.6/04.2	66157
2002 TZ ₂₉₀	2009 12 04.3	04 42.56 +24 33.6 19.0	-1.20 - 4.7	1.0/04.6	66142
2006 DA ₆₄	2009 12 04.3	04 42.57 +24 17.5 20.0	-0.97 - 1.1	0.7/04.5	64293
2007 GM ₅	2009 12 04.3	04 42.59 +21 33.2 21.0	-1.04 - 1.1	0.2/04.2	47426
2005 QW ₁₁₂	2009 12 04.3	04 42.60 +22 17.3 17.8	-1.12 + 2.3	0.0/04.3	66205
2004 FF ₆₁	2009 12 04.3	04 42.62 +16 49.2 20.9	-1.13 - 2.0	2.1/03.8	65386
2005 YN ₁₂₉	2009 12 04.3	04 42.64 +20 15.4 20.8	-1.03 - 0.4	0.8/04.1	65500
2004 GM ₄	2009 12 04.3	04 42.65 +25 25.0 20.5	-1.21 - 0.8	1.3/04.6	66171
2006 JV ₉	2009 12 04.3	04 42.66 +23 24.1 21.7	-0.88 - 1.5	0.3/04.4	01739
2000 UG ₇₀	2009 12 04.3	04 42.67 +31 02.6 19.4	-1.12 - 1.3	3.4/05.2	19530
2004 JN ₆	2009 12 04.3	04 42.71 +19 59.9 21.5	-1.08 - 2.5	0.8/04.1	47293
2000 CF ₁₀₀	2009 12 04.3	04 42.72 +31 06.8 20.0	-1.21 - 3.2	4.1/05.3	22667
2003 UO ₁₅₇	2009 12 04.3	04 42.81 +19 34.7 19.8	-0.89 - 0.4	0.8/04.1	66162
2009 WG ₇₈	2009 12 04.3	04 42.83 +26 41.1 20.4	-0.95 - 1.8	1.5/04.8	66019
2007 CP ₂	2009 12 04.3	04 42.84 +24 11.1 21.1	-1.17 - 2.7	0.8/04.6	20523
2005 UB ₂₅₀	2009 12 04.3	04 42.84 +28 36.3 19.6	-1.14 - 4.0	2.8/05.2	66224
2005 JZ ₁₈₃	2009 12 04.3	04 42.84 +18 55.1 20.4	-0.71 - 0.4	0.8/04.0	66198
2006 JJ ₄₈	2009 12 04.3	04 42.87 +22 55.1 19.8	-0.99 + 2.4	0.2/04.4	65526
2005 RJ ₂₅	2009 12 04.3	04 42.89 +24 30.9 19.1	-1.12 - 4.9	1.0/04.7	65438
2001 YD ₄₅	2009 12 04.3	04 42.90 +24 27.3 18.8	-1.08 + 0.1	1.0/04.5	66121
2007 EL ₆	2009 12 04.3	04 42.92 +14 25.4 21.3	-0.98 - 1.9	2.6/03.6	41864
2006 FO ₄₃	2009 12 04.3	04 42.94 +02 37.4 21.1	-0.81 - 3.2	5.1/01.7	46454
2006 HV ₃₁	2009 12 04.3	04 42.96 +26 51.8 20.1	-0.91 - 1.2	1.3/04.9	66260
2007 DB ₄	2009 12 04.3	04 42.97 +29 42.2 19.4	-1.16 - 3.6	2.8/05.3	49016
2002 JH ₁₂₃	2009 12 04.3	04 42.97 +10 38.0 20.4	-0.92 0.0	3.7/03.3	04202
2007 DK ₂₅	2009 12 04.3	04 42.99 +25 32.5 20.7	-1.12 - 2.3	1.2/04.7	66270
2002 CT ₂₁₇	2009 12 04.3	04 43.01 +40 04.9 19.6	-1.22 - 1.1	6.9/06.1	47204
2006 DL ₁₁₉	2009 12 04.3	04 43.02 +20 38.2 19.8	-1.07 + 2.1	0.6/04.3	66256
2006 EF ₂₀	2009 12 04.3	04 43.02 +18 28.7 20.0	-0.95 - 2.5	1.4/04.0	66257
2002 NG ₇	2009 12 04.3	04 43.05 +14 59.7 21.2	-0.81 - 3.7	1.9/03.5	66133
2002 QW ₁₀₇	2009 12 04.3	04 43.05 +35 45.2 19.7	-0.98 - 3.1	4.3/06.1	66136
2007 EK ₂₁₇	2009 12 04.4	04 43.00 +22 59.9 21.6	-1.09 - 1.8	0.3/04.5	38130
2003 DN ₂	2009 12 04.4	04 43.02 +19 39.1 20.4	-1.09 - 2.0	1.0/04.1	66149
2006 DH ₈₂	2009 12 04.4	04 43.06 +22 26.8 20.3	-0.93 - 1.5	0.1/04.4	66256
2009 WJ ₈₈	2009 12 04.4	04 43.09 +18 19.0 20.6	-0.93 - 1.4	1.3/04.0	66022
2002 CZ ₃₀	2009 12 04.4	04 43.09 +21 46.1 18.6	-1.09 + 0.8	0.2/04.4	66126
2007 LW ₂₃	2009 12 04.4	04 43.11 +06 38.4 19.6	-0.94 - 4.7	5.8/02.2	66287
2007 DN ₁₁₂	2009 12 04.4	04 43.13 +30 14.3 20.8	-1.05 + 2.7	2.2/04.9	66272
2008 TG ₁₇₄	2009 12 04.4	04 43.15 +20 53.2 20.2	-0.59 - 0.8	0.3/04.3	65622
2003 FG ₁₃₂	2009 12 04.4	04 43.16 +15 38.5 21.3	-0.99 - 0.7	2.2/03.8	43170
2007 EG ₄₃	2009 12 04.4	04 43.20 +18 58.6 21.0	-1.06 - 1.8	1.2/04.1	66274
2001 YM ₇₁	2009 12 04.4	04 43.21 +35 56.4 19.0	-1.16 - 5.7	5.0/06.5	43142
2005 XR ₃	2009 12 04.4	04 43.21 +21 15.9 18.6	-1.02 + 2.7	0.5/04.4	66237

2004 FE ₃₄	2009 12 04.4	04 43.22 +21 29.3 19.9	-1.17 - 3.8	0.3/04.4	66170
2004 VL ₄₈	2009 12 04.4	04 43.29 +19 01.7 19.4	-1.00 + 2.0	1.2/04.3	66189
2007 HW ₂₆	2009 12 04.4	04 43.30 +23 54.5 20.4	-1.05 - 0.6	0.6/04.6	66283
2007 DV ₉₆	2009 12 04.4	04 43.35 +32 29.1 19.9	-1.20 - 2.5	4.3/05.6	22878
2001 HE ₂₁	2009 12 04.4	04 43.41 +32 59.7 19.4	-1.00 + 0.5	3.2/05.4	64160
2003 WJ ₁₁₂	2009 12 04.4	04 43.45 +27 25.0 18.9	-0.90 - 4.4	1.8/05.2	66165
2004 RA ₆₉	2009 12 04.4	04 43.50 +36 19.0 19.7	-1.19 - 0.4	5.4/05.9	66177
2001 UN ₁₄₄	2009 12 04.4	04 43.50 +31 45.2 19.7	-1.31 + 3.9	3.8/04.9	64168
2004 RD ₁₅₄	2009 12 04.5	04 43.43 +30 12.2 19.3	-1.06 - 4.8	3.0/05.6	66178
2005 SK ₂₈₂	2009 12 04.5	04 43.47 +21 04.7 21.4	-1.13 + 0.7	0.6/04.4	21840
2009 VB ₁₇	2009 12 04.5	04 43.49 +25 10.0 19.3	-0.99 + 2.1	1.1/04.7	65968
2004 TQ ₃₅₉	2009 12 04.5	04 43.54 +33 31.2 19.9	-1.10 - 1.7	4.1/05.7	02223
2009 WG ₁₄	2009 12 04.5	04 43.57 +17 23.0 20.3	-1.19 - 0.6	2.3/04.1	66009
2007 ET ₈₈	2009 12 04.5	04 43.58 +15 58.5 20.7	-1.04 - 1.9	2.4/03.9	66275
2000 HF ₁₀₃	2009 12 04.5	04 43.60 +12 07.0 20.5	-1.05 - 0.9	3.7/03.6	66093
2003 RF ₈	2009 12 04.5	04 43.60 +38 31.4 19.6	-1.11 - 6.0	5.2/07.3	57934
2007 HK ₃	2009 12 04.5	04 43.61 -00 19.3 19.4	-0.95 - 1.6	8.6/02.0	66282
2002 BZ ₃₁	2009 12 04.5	04 43.62 +18 52.5 19.5	-1.02 - 0.6	1.4/04.2	66125
2008 TD ₁₁₄	2009 12 04.5	04 43.62 +33 55.3 20.8	-0.71 + 0.8	2.3/05.6	62512
2007 JM ₂₈	2009 12 04.5	04 43.67 +17 26.6 20.7	-1.06 + 1.6	1.6/04.2	65567
2007 EG ₂₂₁	2009 12 04.5	04 43.73 +17 39.7 21.2	-0.95 - 0.9	1.4/04.1	41869
2006 FY ₁₁	2009 12 04.5	04 43.74 +05 43.5 20.9	-0.80 - 2.1	4.9/02.7	47401
2004 FV ₈₁	2009 12 04.5	04 43.75 +29 38.0 21.3	-1.25 - 2.4	2.9/05.3	15789
2002 OQ ₃₁	2009 12 04.5	04 43.77 -09 56.7 21.2	-0.85 + 2.4	8.8/02.5	48870
2005 YQ ₁₈₄	2009 12 04.5	04 43.79 +21 30.0 20.0	-1.01 - 2.4	0.3/04.5	66244
2003 WX ₁₈₈	2009 12 04.5	04 43.81 +32 36.2 18.1	-1.02 - 9.5	3.6/06.5	66165
2004 RJ ₃₃₉	2009 12 04.5	04 43.82 +37 37.0 20.5	-1.18 + 0.2	4.9/06.0	43212
2004 RA ₅₁	2009 12 04.5	04 43.87 +18 05.1 20.4	-1.00 - 1.2	1.4/04.2	66177
2005 UH ₄₇₄	2009 12 04.5	04 43.88 +22 02.2 21.0	-1.14 - 0.8	0.1/04.6	65469
2005 OS ₁₂	2009 12 04.5	04 43.90 +34 25.0 18.2	-1.09 - 1.2	6.5/05.9	64245
2005 SS ₁₃₆	2009 12 04.5	04 43.90 +16 21.7 19.6	-1.02 - 2.4	2.8/03.9	65446
2006 DU ₈	2009 12 04.6	04 43.91 +20 54.3 18.8	-1.06 + 2.4	0.6/04.5	66254
2005 OP ₂₁	2009 12 04.6	04 43.92 +29 54.7 19.2	-1.21 - 3.0	3.6/05.5	39218
2005 QR ₁₆₉	2009 12 04.6	04 43.95 +17 27.0 19.3	-1.10 - 4.4	1.9/04.0	66206
2008 FC ₁₂₄	2009 12 04.6	04 43.97 +23 28.6 20.4	-1.27 + 1.1	0.5/04.7	66316
2004 XB ₈₁	2009 12 04.6	04 43.97 +11 35.8 18.5	-1.06 + 7.3	4.3/04.5	65414
2001 SZ ₉₀	2009 12 04.6	04 43.98 +26 59.6 19.9	-1.12 - 2.8	2.1/05.2	66106
2002 GA ₇₇	2009 12 04.6	04 43.99 +10 12.3 21.0	-0.91 - 1.3	3.8/03.4	00236
2006 BF ₃₁	2009 12 04.6	04 44.01 +17 50.8 19.7	-0.97 - 0.8	1.6/04.2	66249
2008 LT ₈	2009 12 04.6	04 44.06 +27 43.7 19.7	-1.03 - 5.3	1.8/05.4	41694
2004 PR ₅₅	2009 12 04.6	04 44.08 +17 50.7 19.4	-1.02 - 0.5	1.6/04.3	65389
2007 CD ₄₆	2009 12 04.6	04 44.08 +11 25.9 20.4	-1.07 - 1.7	4.3/03.6	59787
2000 EL ₂₃	2009 12 04.6	04 44.09 +21 05.5 21.2	-0.87 - 1.6	0.3/04.5	66092
2003 TC ₁₃	2009 12 04.6	04 44.09 +13 05.5 18.3	-0.85 - 8.5	3.5/03.0	66160
2007 BN ₂₉	2009 12 04.6	04 44.10 +13 51.0 20.5	-1.13 - 0.3	3.4/03.9	65539
2005 QR ₇₃	2009 12 04.6	04 44.11 +26 27.2 19.3	-1.17 - 3.8	1.8/05.2	66204
2004 HS ₅	2009 12 04.6	04 44.12 +30 46.6 20.6	-1.21 - 1.6	3.1/05.5	41806
2006 QE ₅₇	2009 12 04.6	04 44.14 +24 37.9 20.4	-0.62 - 0.5	0.5/04.9	66262
2007 EB ₅₇	2009 12 04.6	04 44.14 -17 56.9 22.1	-0.89 - 1.5	10.5/29.3	19714
2008 RY ₂₅	2009 12 04.6	04 44.16 +55 39.3 22.3	-1.56 + 0.1	8.4/08.3	46653
2000 SL ₃₀₆	2009 12 04.6	04 44.17 +13 15.1 19.8	-0.97 - 5.0	3.2/03.5	66097

2004 SD ₃₂	2009 12 04.6	04 44.23 +28 23.5 19.7	-1.08 - 0.5	2.3/05.2	65402
2004 TU ₁₂₃	2009 12 04.6	04 44.24 +12 59.6 19.3	-0.93 - 0.7	3.9/03.8	66185
2005 SO ₂₈	2009 12 04.6	04 44.26 +23 54.9 20.7	-1.15 - 3.2	0.6/04.9	65441
2006 EL ₃₄	2009 12 04.6	04 44.26 +16 07.4 19.8	-0.90 - 1.1	1.9/04.1	66257
2007 HR ₃₉	2009 12 04.6	04 44.27 +16 27.1 20.9	-1.06 - 1.0	2.2/04.1	66284
2001 SK ₈₃	2009 12 04.6	04 44.29 +14 18.6 19.6	-1.02 - 3.7	3.5/03.7	66106
2003 EG ₁₄	2009 12 04.6	04 44.31 +20 49.8 18.7	-1.11 + 1.5	0.7/04.6	66149
2005 UY ₉	2009 12 04.6	04 44.32 +24 01.6 19.1	-1.16 + 2.0	0.8/04.8	66218
2006 EL ₁₉	2009 12 04.6	04 44.33 +44 22.0 20.1	-1.15 + 0.1	6.5/06.8	47399
2005 XC ₆₅	2009 12 04.6	04 44.34 +04 01.0 18.9	-0.96 + 3.0	8.1/03.8	66238
2001 RY ₅₂	2009 12 04.6	04 44.38 +24 05.8 19.5	-1.14 - 1.0	0.8/04.9	66105
2008 QU ₉	2009 12 04.6	04 44.39 +50 01.5 20.1	-1.21 - 1.4	7.9/08.3	46611
2009 SD ₃₂₀	2009 12 04.7	04 44.29 +26 32.9 18.9	-0.99 + 1.6	1.4/05.0	65809
2005 AR ₆₃	2009 12 04.7	04 44.34 +24 50.9 20.2	-0.89 - 3.7	0.8/05.0	65420
2006 BZ ₈₆	2009 12 04.7	04 44.36 +16 34.4 20.2	-0.96 - 0.1	2.2/04.2	65512
2004 RP ₅	2009 12 04.7	04 44.36 +22 27.8 19.0	-1.06 + 2.0	0.1/04.7	66176
2007 AD ₁	2009 12 04.7	04 44.39 +18 00.1 20.6	-1.17 - 0.9	2.0/04.3	65536
2008 SV ₁₅	2009 12 04.7	04 44.40 +18 52.5 19.9	-0.90 - 1.9	1.2/04.4	66325
2007 EG ₄₇	2009 12 04.7	04 44.40 +21 24.1 20.4	-1.10 - 2.3	0.4/04.6	66274
2004 SY ₁₈	2009 12 04.7	04 44.41 +03 10.3 20.8	-0.91 - 3.4	6.4/02.4	41161
2008 GY ₁₃₇	2009 12 04.7	04 44.42 +11 54.6 20.5	-1.12 - 2.4	4.3/03.7	42973
2004 RV ₁₈	2009 12 04.7	04 44.44 +10 40.0 20.6	-0.96 - 1.8	4.1/03.5	66176
2001 YH ₁₃₁	2009 12 04.7	04 44.46 +33 00.9 18.4	-1.17 - 2.5	4.5/06.0	66122
2004 RM ₃₂₄	2009 12 04.7	04 44.48 +32 54.9 19.5	-1.06 - 3.8	4.3/06.1	41815
2004 TF ₂₁	2009 12 04.7	04 44.49 +36 32.1 19.5	-1.33 + 3.1	5.8/05.6	65403
2004 JG ₄₄	2009 12 04.7	04 44.51 +06 04.0 19.9	-1.03 - 5.6	6.1/02.7	66173
2005 TZ ₁₂₃	2009 12 04.7	04 44.52 +12 54.3 21.1	-1.07 - 4.2	3.6/03.6	66217
2003 UM ₁₀₁	2009 12 04.7	04 44.53 +00 36.5 20.8	-0.82 - 3.7	7.1/02.1	31861
2001 QL ₂₀₃	2009 12 04.7	04 44.56 +39 04.5 20.4	-1.32 - 2.4	5.8/06.7	41766
2005 SK ₉₃	2009 12 04.7	04 44.56 +16 39.9 21.3	-1.11 - 2.9	2.2/04.2	38897
2003 BJ ₂₈	2009 12 04.7	04 44.56 +20 47.8 20.2	-1.16 + 0.6	0.6/04.6	66148
2008 RP ₃₈	2009 12 04.7	04 44.57 +39 48.6 20.5	-1.07 - 0.3	5.5/06.4	55501
2005 YH ₂₅₁	2009 12 04.7	04 44.61 +24 54.6 19.9	-1.00 - 3.9	1.0/05.1	65505
2007 ET ₁₁₆	2009 12 04.7	04 44.62 +14 36.1 20.4	-1.01 - 1.4	2.8/04.0	66276
2007 GL ₁₀	2009 12 04.7	04 44.64 +03 33.1 20.8	-0.90 - 1.6	5.8/02.8	64318
2008 PT ₁₅	2009 12 04.7	04 44.66 +34 48.7 20.2	-0.99 - 1.9	4.1/06.2	43307
2006 GQ ₁₉	2009 12 04.7	04 44.67 +14 48.5 19.8	-0.87 - 2.0	2.4/03.9	66259
2005 WD ₈₇	2009 12 04.7	04 44.69 +20 54.1 19.1	-1.06 + 0.3	0.6/04.7	66233
2002 GQ ₈₄	2009 12 04.7	04 44.69 +32 04.1 19.3	-1.24 + 3.9	3.9/05.1	66131
2005 YV ₅	2009 12 04.7	04 44.71 +20 57.4 19.0	-1.11 + 2.2	0.6/04.7	65492
2006 DR ₂₉	2009 12 04.7	04 44.72 +07 18.5 19.8	-0.81 - 1.8	4.3/03.1	66255
2007 GA ₁₈	2009 12 04.7	04 44.73 +18 22.9 19.5	-0.95 - 4.9	1.5/04.3	66280
2005 UQ ₂₈₆	2009 12 04.7	04 44.75 +19 36.9 21.2	-1.11 - 1.0	1.0/04.5	47357
2007 CR ₆₂	2009 12 04.7	04 44.75 +21 58.5 20.3	-1.12 - 2.8	0.1/04.7	66269
2005 WD ₂₇	2009 12 04.7	04 44.80 +24 55.9 20.2	-1.09 - 1.4	1.1/05.0	65476
2004 XX ₈₁	2009 12 04.7	04 44.81 +05 52.4 19.2	-0.91 + 1.7	5.6/03.5	77794
2008 RC ₁₂₂	2009 12 04.7	04 44.81 +27 38.4 20.3	-0.95 - 0.8	1.7/05.3	66324
2002 GB ₂₄	2009 12 04.7	04 44.83 +38 12.4 19.2	-1.21 + 2.2	5.8/05.8	97589
2001 WZ ₁	2009 12 04.7	04 44.86 +31 45.7 19.2	-2.02 +16.7	5.0/04.2	66115
2006 BM ₄₃	2009 12 04.8	04 44.73 +22 12.9 19.8	-0.99 - 0.3	0.0/04.8	66249
2008 JC ₃₈	2009 12 04.8	04 44.74 +19 26.6 20.5	-1.13 - 1.5	1.1/04.5	66320

2004 TB ₁₀₉	2009 12 04.8	04 44.75 +16 06.3 19.9	-0.97 - 0.9	2.3/04.2	40690
2003 SW ₄₀₄	2009 12 04.8	04 44.75 +27 12.7 18.9	-1.02 + 5.8	2.2/04.9	65374
2004 RH ₃₂₆	2009 12 04.8	04 44.76 +27 46.2 19.9	-1.04 - 3.4	2.0/05.5	66181
2003 UA ₁₇₈	2009 12 04.8	04 44.76 +39 55.3 19.0	-1.13 + 2.0	6.0/06.1	64212
2004 XN ₁₄₅	2009 12 04.8	04 44.79 +34 13.6 19.3	-1.00 - 4.0	3.8/06.4	09096
1999 VE ₁₁₇	2009 12 04.8	04 44.83 +16 00.9 19.5	-1.08 - 4.7	3.1/04.0	66089
2009 VS ₇₈	2009 12 04.8	04 44.84 +12 33.8 18.6	-1.12 + 5.5	4.0/04.6	66004
2004 RO ₂₄₆	2009 12 04.8	04 44.85 +14 14.6 19.7	-0.93 - 3.0	3.0/03.9	66180
2002 TB ₃₆₇	2009 12 04.8	04 44.98 +12 14.9 21.0	-1.14 - 0.7	4.1/04.0	66142
2003 SG ₂₆₄	2009 12 04.8	04 44.99 +21 40.1 20.8	-0.92 - 1.0	0.2/04.8	43182
2003 SF ₄₁₀	2009 12 04.8	04 45.01 +18 10.6 20.9	-0.89 - 1.8	1.5/04.4	65374
2005 WE ₁₉	2009 12 04.8	04 45.03 +07 47.9 18.9	-1.15 + 9.4	6.8/05.2	66232
2005 YV ₁₀₆	2009 12 04.8	04 45.04 +20 07.0 20.5	-1.03 - 0.8	0.8/04.7	66242
2003 HA ₄₂	2009 12 04.8	04 45.05 +35 32.5 19.7	-1.18 + 1.0	4.3/05.9	47249
2004 TP ₉₆	2009 12 04.8	04 45.07 +21 34.6 19.6	-0.98 - 1.6	0.3/04.8	66184
2003 YH ₂₁	2009 12 04.8	04 45.08 +23 39.9 18.9	-1.23 - 0.7	0.6/05.0	66166
2009 WN ₂₀₈	2009 12 04.8	04 45.16 +25 18.4 19.8	-1.13 - 1.4	1.3/05.2	66025
2004 VE ₂₅	2009 12 04.8	04 45.17 +24 44.7 18.9	-0.97 - 3.5	0.9/05.2	66189
2001 YC ₃₉	2009 12 04.8	04 45.21 +24 16.0 19.8	-1.08 - 2.1	0.8/05.1	66121
2003 EC ₄₁	2009 12 04.8	04 45.21 +21 07.5 20.3	-1.06 + 0.6	0.4/04.8	66149
2003 SO ₁₅₁	2009 12 04.8	04 45.22 +08 08.6 19.0	-0.86 - 0.2	4.9/03.6	66157
2006 BH ₉₄	2009 12 04.9	04 45.16 +29 17.2 20.1	-1.01 - 2.6	2.5/05.7	46376
2002 WE ₂₆	2009 12 04.9	04 45.20 +18 46.7 19.4	-1.14 + 3.0	1.8/04.7	65349
2002 XT ₂₃	2009 12 04.9	04 45.21 +32 05.3 18.7	-1.25 + 0.9	4.7/05.7	66145
2004 XO ₅₃	2009 12 04.9	04 45.22 +21 19.6 19.0	-0.93 - 0.8	0.3/04.8	66191
2007 BO ₆₉	2009 12 04.9	04 45.25 +10 38.7 19.0	-1.03 + 0.6	5.9/04.1	66267
2006 BQ ₁₂₄	2009 12 04.9	04 45.25 -07 17.3 23.1	-0.73 - 0.6	6.2/01.6	02277
2000 HJ ₈	2009 12 04.9	04 45.26 +14 51.5 20.4	-1.02 - 3.1	2.5/04.1	66093
2007 LL ₂₄	2009 12 04.9	04 45.27 +21 12.3 20.0	-0.96 + 0.3	0.4/04.8	66287
2005 SU ₆₄	2009 12 04.9	04 45.28 +21 28.1 20.1	-1.14 - 3.2	0.3/04.8	66210
2004 TW ₁₃	2009 12 04.9	04 45.28 +26 44.6 19.7	-1.02 - 3.6	1.6/05.5	66183
2005 SM ₄₉	2009 12 04.9	04 45.28 +24 28.1 19.3	-1.12 - 0.9	1.0/05.1	66209
2004 TD ₁₈₄	2009 12 04.9	04 45.29 +21 40.5 20.1	-0.99 - 2.7	0.2/04.9	66186
2005 AO ₅	2009 12 04.9	04 45.30 +20 11.2 19.3	-0.93 + 1.6	0.7/04.8	66194
2007 HM ₁	2009 12 04.9	04 45.31 +08 36.8 20.9	-0.93 - 3.6	4.4/03.2	47429
2002 BH ₅	2009 12 04.9	04 45.35 +39 08.0 18.9	-1.27 + 1.3	6.6/06.1	66125
2000 OO ₅₉	2009 12 04.9	04 45.36 +39 54.5 19.9	-1.23 - 3.7	6.0/07.2	59655
2005 QH ₇₇	2009 12 04.9	04 45.36 +26 24.2 19.3	-1.12 - 3.0	2.0/05.4	66204
2005 TE ₁₉₁	2009 12 04.9	04 45.36 +21 54.1 19.6	-1.15 + 0.4	0.2/04.9	65456
2003 OQ ₁₈	2009 12 04.9	04 45.38 +48 39.8 19.9	-1.31 - 4.2	9.2/09.5	53739
2002 JG ₁₄₇	2009 12 04.9	04 45.42 +24 35.5 22.8	-0.86 - 1.3	0.5/05.2	47217
2002 GA ₅₀	2009 12 04.9	04 45.43 +41 53.2 19.6	-1.22 - 2.7	7.4/07.2	47211
2007 HE ₄₆	2009 12 04.9	04 45.46 +20 17.5 20.0	-0.99 0.0	0.7/04.8	66284
2005 UJ ₅₀₆	2009 12 04.9	04 45.47 +33 57.3 19.8	-1.00 - 1.8	3.6/06.3	47358
2006 HS ₇₀	2009 12 04.9	04 45.50 +18 03.3 20.4	-0.87 - 1.6	1.4/04.5	66260
2006 BU ₁₆₂	2009 12 04.9	04 45.53 +17 24.5 20.0	-0.94 - 1.1	1.7/04.5	66252
2003 SG ₄₁₁	2009 12 04.9	04 45.53 +20 52.6 20.5	-0.91 - 1.8	0.5/04.8	66159
2003 UJ ₂₃₂	2009 12 04.9	04 45.54 +35 42.7 20.2	-1.04 + 0.3	4.3/06.1	55108
2005 WM ₁₈	2009 12 04.9	04 45.54 +22 20.9 18.7	-1.08 + 0.7	0.0/05.0	66232
2005 SW ₉₂	2009 12 04.9	04 45.56 +14 37.1 19.7	-1.01 - 4.1	3.5/04.0	66210
2005 SS ₁₉₅	2009 12 04.9	04 45.57 +30 59.0 20.5	-1.23 - 0.9	3.6/05.8	15863

2008 UB ₂₅₃	2009 12 04.9	04 45.58 +49 54.6 20.7	-1.29 + 1.4	7.2/07.5	52519
2004 TA ₁₅₄	2009 12 04.9	04 45.58 +16 54.5 20.5	-0.95 - 2.6	2.1/04.4	65406
2008 MM	2009 12 04.9	04 45.59 +31 32.6 19.4	-1.19 + 2.6	2.9/05.6	41927
2002 CC ₁₉₄	2009 12 04.9	04 45.60 +17 03.2 19.2	-0.94 + 0.3	2.6/04.6	66127
2005 QR ₇₈	2009 12 04.9	04 45.60 +26 16.8 19.6	-1.08 - 2.0	2.0/05.4	66204
2009 SD ₂₅₃	2009 12 04.9	04 45.62 +22 45.4 19.1	-1.03 + 0.7	0.2/05.0	65788
2002 GQ ₂₆	2009 12 04.9	04 45.63 +25 57.5 20.4	-1.03 + 1.2	1.0/05.2	65325
2002 RZ ₆₆	2009 12 04.9	04 45.64 +30 24.4 19.0	-1.28 - 5.1	3.5/06.1	66137
2005 SA ₁₃₇	2009 12 04.9	04 45.65 +04 51.2 20.1	-1.03 - 4.4	7.1/02.7	41827
2005 RC ₄₇	2009 12 04.9	04 45.66 +07 26.6 20.8	-1.07 + 0.8	6.0/04.1	66208
2007 CH ₆₃	2009 12 04.9	04 45.67 +37 49.4 20.6	-1.29 - 1.8	5.6/06.5	47419
2000 YH ₁₂₂	2009 12 05.0	04 45.60 +02 21.4 18.1	-0.86 + 1.1	9.5/03.3	66100
2008 OC	2009 12 05.0	04 45.60 +07 21.0 20.4	-0.97 + 1.1	5.0/04.0	66321
2004 RS ₆₃	2009 12 05.0	04 45.61 -00 43.1 20.7	-0.93 - 1.5	7.5/02.9	41154
2004 TR ₁₃₈	2009 12 05.0	04 45.62 +23 43.8 19.2	-1.00 - 4.7	0.5/05.2	66185
2005 UR ₅₀₂	2009 12 05.0	04 45.63 +18 07.5 18.9	-1.08 + 2.1	2.0/04.8	65470
2007 JQ ₈	2009 12 05.0	04 45.66 +23 42.1 20.2	-0.97 - 0.7	0.5/05.1	66285
2008 RE ₈₂	2009 12 05.0	04 45.68 +24 20.0 21.1	-0.91 - 2.5	0.6/05.2	46682
2004 QZ ₂₄	2009 12 05.0	04 45.72 +46 19.5 19.6	-1.53 + 3.5	8.4/06.5	40687
2007 LA ₁₃	2009 12 05.0	04 45.74 +04 39.9 20.2	-0.84 - 0.2	5.4/03.5	64323
2005 NU ₁	2009 12 05.0	04 45.74 +20 35.4 20.0	-1.16 - 4.4	0.8/04.8	65425
2008 RE ₇₃	2009 12 05.0	04 45.78 +16 37.4 20.1	-1.00 - 2.1	2.1/04.4	66324
2003 NQ ₁	2009 12 05.0	04 45.81 +28 37.9 20.9	-0.98 - 3.0	1.8/05.8	66152
2005 CY	2009 12 05.0	04 45.82 -11 19.6 20.4	-0.83 + 1.5	9.1/02.0	00916
2007 FU ₁₆	2009 12 05.0	04 45.82 +05 32.0 21.4	-0.92 - 1.4	5.0/03.4	47425
2009 WL ₂₀₈	2009 12 05.0	04 45.82 +25 50.5 20.3	-1.03 - 1.4	1.6/05.4	66024
2009 WU ₂₀₉	2009 12 05.0	04 45.84 +10 26.0 18.7	-0.98 + 5.6	4.8/04.9	66025
2006 BX ₇₉	2009 12 05.0	04 45.85 +37 35.1 20.9	-1.02 - 0.8	4.3/06.6	48988
2003 TK ₃₈	2009 12 05.0	04 45.87 +16 02.7 20.1	-0.86 - 4.4	1.9/04.2	66160
1999 VR ₁₁₈	2009 12 05.0	04 45.91 +19 46.8 20.2	-0.93 - 1.9	0.9/04.8	66089
2000 TV ₅	2009 12 05.0	04 45.92 +16 57.4 19.1	-0.98 - 2.2	2.2/04.5	66097
2004 HA ₆₀	2009 12 05.0	04 45.93 +17 00.0 20.7	-1.11 - 0.7	1.9/04.6	66172
2006 BQ ₂₆₂	2009 12 05.0	04 45.98 +20 59.6 22.0	-0.87 - 1.2	0.4/04.9	01299
2007 MV	2009 12 05.0	04 45.98 +11 00.6 20.3	-0.85 - 3.2	3.8/03.7	66287
2003 TR ₁₁	2009 12 05.0	04 45.99 +11 15.1 19.9	-0.83 - 3.0	3.5/03.8	66160
2006 DK ₁₁₈	2009 12 05.0	04 46.00 +07 51.7 20.7	-0.82 - 1.9	4.3/03.5	66256
1998 WC ₄₆	2009 12 05.0	04 46.03 +08 27.1 18.5	-0.95 + 4.2	5.2/04.5	66087
2000 ER ₁₄₂	2009 12 05.0	04 46.03 +09 28.3 21.0	-1.08 - 1.4	5.1/03.8	47144
2005 XL ₈₆	2009 12 05.0	04 46.03 +20 49.4 20.2	-1.07 + 1.3	0.7/05.0	66239
2004 TN ₂₈₆	2009 12 05.0	04 46.03 +27 21.7 20.0	-1.06 + 0.2	2.0/05.5	66187
2004 RP ₆₂	2009 12 05.0	04 46.10 +00 52.5 19.5	-0.90 - 2.6	8.1/02.7	66177
2009 WC ₁₉₄	2009 12 05.0	04 46.11 +21 02.9 19.2	-1.00 - 3.8	0.6/04.9	66024
2004 FS ₉₅	2009 12 05.0	04 46.13 +14 57.7 20.3	-1.15 - 0.7	3.1/04.5	66170
2003 FM ₁₀₄	2009 12 05.1	04 46.03 +11 12.9 20.5	-0.98 - 2.8	3.7/03.8	66150
2007 GR ₂₂	2009 12 05.1	04 46.03 +15 34.7 21.1	-0.87 - 2.7	2.1/04.3	21208
2001 YK ₉₅	2009 12 05.1	04 46.05 +27 41.2 19.3	-1.13 0.0	2.1/05.5	66122
2007 KJ ₈	2009 12 05.1	04 46.07 -00 24.0 21.1	-0.85 - 3.2	6.3/02.2	47435
2003 QY ₈₁	2009 12 05.1	04 46.07 +25 24.2 20.4	-0.96 - 1.7	1.0/05.4	65361
2006 FL ₃₂	2009 12 05.1	04 46.08 +33 53.7 19.8	-1.01 + 0.2	3.7/06.1	51031
2005 LE ₅₂	2009 12 05.1	04 46.12 +14 00.6 20.8	-1.16 + 0.4	3.6/04.6	56997
2002 MQ ₅	2009 12 05.1	04 46.13 +31 51.0 19.8	-1.34 - 1.6	3.9/06.0	59394

2003 SF ₃₄	2009 12 05.1	04 46.14 -09 29.7 20.0	-0.81 - 2.9	10.6/30.8	43176
2003 SF ₃₁₈	2009 12 05.1	04 46.14 +26 50.7 20.8	-0.96 - 2.2	1.5/05.6	66159
2005 SM ₂₁₀	2009 12 05.1	04 46.18 +26 47.0 19.7	-1.13 - 3.9	2.0/05.7	65449
2002 QQ ₁₀₄	2009 12 05.1	04 46.21 +28 10.6 20.7	-0.91 - 2.7	1.6/05.8	66136
2006 FC ₄₀	2009 12 05.1	04 46.23 +06 17.0 20.7	-0.81 - 2.1	4.9/03.3	66258
2005 SV ₃₆	2009 12 05.1	04 46.26 +33 00.8 20.0	-1.27 - 0.7	4.3/06.1	97813
2005 YC ₂₉₂	2009 12 05.1	04 46.29 +21 42.1 20.2	-1.00 - 2.4	0.2/05.1	65505
2007 HZ ₉₂	2009 12 05.1	04 46.34 +21 25.5 19.6	-0.98 0.0	0.3/05.1	66285
2003 TA ₂₁	2009 12 05.1	04 46.35 +17 40.2 19.3	-0.91 + 1.1	1.6/04.8	66160
2000 LU ₂₈	2009 12 05.1	04 46.35 +04 59.3 20.1	-0.99 + 0.7	5.6/04.0	16140
2007 EB ₂₂	2009 12 05.1	04 46.35 +23 58.7 20.7	-1.12 - 2.3	0.6/05.3	66273
2003 SE ₂₇₅	2009 12 05.1	04 46.39 +12 22.1 19.1	-0.88 - 6.8	3.4/03.6	66158
2008 HQ ₆₇	2009 12 05.1	04 46.41 +17 18.3 20.5	-1.15 - 5.1	2.2/04.5	66319
2005 YM ₂₆	2009 12 05.1	04 46.42 +16 22.2 20.1	-0.99 + 1.1	2.1/04.8	66240
2008 HL ₄₄	2009 12 05.1	04 46.42 +18 07.5 20.9	-1.13 - 1.5	1.6/04.8	66318
2006 CM ₅₇	2009 12 05.1	04 46.43 +26 57.8 21.4	-0.94 - 1.6	1.4/05.7	53478
2003 SE ₁₀₁	2009 12 05.1	04 46.44 +19 38.8 19.4	-0.94 - 5.2	0.9/04.8	65364
2009 WS ₃₂	2009 12 05.1	04 46.48 +21 56.2 20.1	-0.98 - 2.6	0.2/05.1	66012
2000 QE ₅₈	2009 12 05.1	04 46.48 +19 30.9 19.0	-1.06 + 0.4	1.1/05.0	66094
2001 SS ₄₉	2009 12 05.1	04 46.51 -21 14.0 19.2	-1.07 - 3.1	22.3/28.8	66106
2005 WV ₁₉₃	2009 12 05.1	04 46.54 +15 01.9 19.1	-1.01 - 0.3	3.2/04.6	66236
1999 RM ₅₉	2009 12 05.1	04 46.55 +07 55.6 19.9	-0.94 - 0.4	5.4/04.1	66087
2004 RK ₂₂₄	2009 12 05.1	04 46.55 +30 01.3 20.1	-1.07 - 1.3	2.8/06.0	41814
2007 GA ₄₀	2009 12 05.2	04 46.49 +28 41.4 22.0	-1.03 0.0	1.9/05.7	20866
2004 TB ₂₇₄	2009 12 05.2	04 46.49 +31 14.5 20.7	-1.07 + 0.2	2.9/06.0	41819
2006 FC ₁₂	2009 12 05.2	04 46.50 +24 42.2 21.5	-0.89 - 0.8	0.7/05.4	66258
2001 TW ₄	2009 12 05.2	04 46.55 +23 25.5 20.1	-1.13 - 2.1	0.4/05.3	66108
2002 FQ ₂₆	2009 12 05.2	04 46.56 +40 47.0 20.4	-1.28 + 1.0	6.4/06.5	70345
2000 EB ₉₈	2009 12 05.2	04 46.58 -10 03.4 20.5	-1.01 - 0.5	10.6/01.7	17909
2007 DW ₂₃	2009 12 05.2	04 46.60 +18 07.5 21.0	-1.07 - 1.9	1.5/04.8	66270
2005 SX ₁₆₂	2009 12 05.2	04 46.61 +24 30.2 19.5	-1.22 + 1.1	0.9/05.4	65447
2008 QD ₂₅	2009 12 05.2	04 46.62 +32 40.3 20.0	-0.96 - 3.4	3.1/06.5	47456
2003 SY ₃₈₈	2009 12 05.2	04 46.70 +07 25.7 20.8	-0.83 - 1.7	4.7/03.7	66159
2005 SW ₄₆	2009 12 05.2	04 46.73 +25 25.9 19.9	-1.08 - 2.6	1.5/05.6	66209
2007 MR ₇	2009 12 05.2	04 46.78 +22 10.9 19.8	-0.94 + 0.4	0.1/05.2	65569
2002 GQ ₁₆₁	2009 12 05.2	04 46.81 +32 06.7 19.6	-1.15 + 1.9	3.1/05.8	33993
2000 SF ₆₈	2009 12 05.2	04 46.84 +37 38.0 19.3	-1.27 + 1.3	5.7/06.5	66095
2001 UB ₆	2009 12 05.2	04 46.85 -11 22.2 19.0	-1.06 -16.1	17.8/25.8	37280
2003 WM ₁₅₈	2009 12 05.2	04 46.88 +33 08.1 20.6	-1.02 + 1.0	3.4/06.1	22765
2006 BV ₁₇₁	2009 12 05.2	04 46.88 +11 44.2 19.9	-0.93 - 0.5	3.7/04.4	66252
2007 DB ₁₀₂	2009 12 05.2	04 46.94 +10 56.1 20.3	-1.05 - 0.3	4.5/04.4	66272
2005 TY ₂₁	2009 12 05.2	04 46.94 +28 29.3 20.3	-1.25 + 0.3	2.5/05.8	65453
2004 RP ₁₃	2009 12 05.2	04 46.98 +01 06.7 21.0	-0.92 - 1.6	6.9/03.2	55995
2005 QD ₈₄	2009 12 05.2	04 47.01 +28 21.3 19.6	-1.18 - 2.1	2.6/05.9	19649
2001 HS ₅₈	2009 12 05.2	04 47.01 +25 24.1 19.7	-1.19 - 4.3	1.2/05.7	66101
2000 SG ₃₂₆	2009 12 05.3	04 46.96 +27 03.6 20.6	-1.07 - 1.1	1.8/05.7	66097
2004 RF ₇₇	2009 12 05.3	04 46.96 +07 04.8 20.0	-0.94 - 1.1	5.3/04.0	66177
2005 UA ₆₁	2009 12 05.3	04 46.97 +20 45.9 21.3	-1.08 - 2.4	0.6/05.1	18139
2005 SJ ₂₈₈	2009 12 05.3	04 46.97 +11 42.8 21.9	-1.09 - 0.2	4.0/04.5	40145
2002 GQ ₁₂₄	2009 12 05.3	04 46.97 +03 01.6 19.1	-0.87 - 5.6	7.5/02.5	66131
2005 XJ ₈₄	2009 12 05.3	04 46.99 +11 31.8 18.8	-1.00 - 1.4	4.7/04.4	66239

2003 SJ ₃₂₆	2009 12 05.3	04 46.99 +22 43.5 21.3	-0.91 - 1.7	0.1/05.4	59711
2003 UL ₁₇₅	2009 12 05.3	04 47.05 +15 59.7 20.5	-0.85 - 3.2	2.0/04.6	66162
2007 EQ ₁₅₁	2009 12 05.3	04 47.05 +19 01.0 20.6	-1.11 - 1.0	1.3/05.0	17844
2000 BZ ₁	2009 12 05.3	04 47.09 +26 05.6 19.4	-0.94 - 2.4	1.5/05.7	66090
2006 GP ₄	2009 12 05.3	04 47.13 +11 40.2 20.6	-0.83 - 1.1	3.3/04.3	03885
2005 QK ₅₂	2009 12 05.3	04 47.14 +24 14.4 19.8	-1.06 - 2.9	0.9/05.6	66203
2005 NC ₃₆	2009 12 05.3	04 47.15 +21 09.4 20.6	-1.21 - 2.5	0.5/05.2	66200
2007 EO ₁₉₈	2009 12 05.3	04 47.16 +53 30.2 21.1	-1.27 - 0.8	7.0/09.2	47425
2003 UW ₁₀₄	2009 12 05.3	04 47.20 +05 51.6 19.9	-0.84 - 5.4	5.4/02.9	66161
2005 SC ₁₉₉	2009 12 05.3	04 47.21 +26 42.3 20.0	-1.18 - 1.9	1.9/05.8	97836
2003 QT ₇₂	2009 12 05.3	04 47.22 +23 27.2 19.6	-0.93 - 4.1	0.4/05.5	65360
2008 QQ ₁₅	2009 12 05.3	04 47.24 -04 57.4 22.1	-0.80 - 1.7	7.0/02.7	58609
2004 RJ ₂₄₃	2009 12 05.3	04 47.27 -04 43.2 19.4	-0.84 - 2.2	12.2/01.7	02212
2002 QG ₁₃₁	2009 12 05.3	04 47.32 +22 12.2 19.9	-0.89 - 0.3	0.1/05.4	66136
2006 YP ₄₆	2009 12 05.3	04 47.34 +22 46.5 19.3	-1.17 - 4.9	0.2/05.4	65535
2001 TD ₁₉₁	2009 12 05.3	04 47.35 +27 23.6 18.5	-1.11 - 3.7	2.1/06.0	66110
2008 QY ₃	2009 12 05.3	04 47.35 +12 28.8 20.0	-0.95 - 0.8	3.2/04.5	66322
2004 JN ₂₈	2009 12 05.3	04 47.41 -03 43.0 20.3	-1.06 + 3.8	9.6/05.0	38863
2009 WN ₁₄	2009 12 05.4	04 47.36 +18 59.0 20.5	-1.02 - 1.0	1.4/05.1	66009
2004 TO ₂₁₉	2009 12 05.4	04 47.37 +12 21.3 19.8	-0.92 - 3.6	3.6/04.2	66186
2005 SU ₇₀	2009 12 05.4	04 47.37 +19 28.4 19.5	-1.13 + 0.1	1.3/05.2	66210
2004 TW ₅	2009 12 05.4	04 47.42 +08 38.8 21.3	-0.90 - 3.1	4.0/03.9	47314
2005 SW ₁₃	2009 12 05.4	04 47.44 +02 58.5 21.8	-1.07 - 3.0	7.6/03.6	57010
1999 VO ₁₅₃	2009 12 05.4	04 47.46 +22 12.8 19.8	-0.99 + 0.9	0.1/05.4	66089
2003 CJ ₇	2009 12 05.4	04 47.48 +19 00.2 20.2	-1.13 + 0.1	1.3/05.2	66148
2006 BQ ₁₄₂	2009 12 05.4	04 47.50 +14 58.5 20.6	-0.94 - 1.1	2.5/04.7	98120
2007 DZ ₉₈	2009 12 05.4	04 47.54 +17 52.8 21.0	-1.13 - 1.5	1.8/05.0	56089
2007 EA ₂₀₇	2009 12 05.4	04 47.55 +22 41.6 21.1	-1.13 - 0.7	0.1/05.5	66278
2001 XC ₄₀	2009 12 05.4	04 47.55 +39 26.6 17.8	-1.32 - 6.5	7.8/08.4	66117
2002 WQ ₁₇	2009 12 05.4	04 47.64 +13 21.5 17.5	-1.57 +21.0	4.8/06.5	66145
2002 SC ₈	2009 12 05.4	04 47.72 +17 05.0 20.8	-1.16 - 2.2	2.1/05.0	66139
2007 LS ₂₃	2009 12 05.4	04 47.77 +05 52.7 20.5	-0.97 + 0.9	5.8/04.2	22892
2005 ST ₃₅	2009 12 05.4	04 47.80 +19 13.5 21.7	-1.13 - 1.0	1.2/05.2	47352
2007 EX ₄₂	2009 12 05.4	04 47.83 +32 27.3 20.7	-1.07 - 1.0	3.1/06.5	47422
2002 RX ₇₇	2009 12 05.4	04 47.84 +27 59.6 20.2	-1.27 - 1.8	2.5/06.0	65337
2007 CJ ₃₈	2009 12 05.5	04 47.77 +18 11.8 20.7	-1.12 - 1.7	1.7/05.1	66269
2006 DD ₉₁	2009 12 05.5	04 47.78 +33 49.9 21.5	-1.09 - 1.9	4.2/06.6	56041
2005 QN ₁₇₅	2009 12 05.5	04 47.79 +25 01.7 19.8	-1.15 - 2.1	1.2/05.8	65437
2006 BX ₂₈₀	2009 12 05.5	04 47.80 +23 34.4 19.7	-1.03 + 0.3	0.5/05.6	65517
2001 QZ	2009 12 05.5	04 47.84 +24 32.3 19.3	-1.12 - 2.9	1.0/05.7	66102
2007 JP ₂₁	2009 12 05.5	04 47.87 +16 33.4 20.6	-0.82 - 2.0	1.6/04.9	66286
2002 RO ₉₉	2009 12 05.5	04 47.87 +34 11.0 19.4	-1.34 - 0.9	5.1/06.6	38845
2005 SS ₂₄₀	2009 12 05.5	04 47.87 +28 31.2 21.0	-1.19 - 2.8	2.3/06.2	47353
2002 TY ₂₀₄	2009 12 05.5	04 47.89 +13 48.3 19.6	-1.12 0.0	3.9/04.9	66141
2005 UZ ₂₁₅	2009 12 05.5	04 47.94 +26 29.5 18.9	-1.01 + 4.5	2.2/05.7	65465
2006 DV ₃₀	2009 12 05.5	04 47.95 +22 19.3 21.2	-0.85 - 1.5	0.0/05.5	66255
2009 WE ₄₈	2009 12 05.5	04 47.96 +19 29.9 20.6	-0.95 - 1.5	1.1/05.2	66016
2004 RK ₃₁₇	2009 12 05.5	04 48.02 +30 14.8 19.6	-1.07 - 2.1	2.9/06.4	66181
2007 EA ₂₁₀	2009 12 05.5	04 48.03 +24 44.8 20.7	-1.18 - 0.8	0.9/05.7	22884
2005 YY ₁₁₄	2009 12 05.5	04 48.05 +21 12.8 19.8	-1.03 + 0.3	0.5/05.5	66242
2007 EJ ₁₇₉	2009 12 05.5	04 48.06 +21 21.7 20.5	-1.12 - 2.8	0.4/05.4	66277

2005 VC ₁₂₅	2009 12 05.5	04 48.08 +30 05.7 19.0	-1.08	- 8.8	3.3/06.9	65475
2004 FJ ₁₁₇	2009 12 05.5	04 48.09 +16 23.2 21.2	-1.09	- 3.2	2.2/04.9	66170
2005 SQ ₁₅₁	2009 12 05.5	04 48.10 +16 11.6 19.5	-1.03	- 2.0	2.9/04.9	66212
2007 DQ ₂₆	2009 12 05.5	04 48.11 +18 29.5 20.6	-1.10	- 0.4	1.8/05.2	66270
2005 QU ₉₂	2009 12 05.5	04 48.11 +19 21.7 19.3	-1.09	+ 0.6	1.5/05.4	65434
2005 CS ₂₅	2009 12 05.5	04 48.12 -22 36.4 20.3	-1.16	+ 1.9	21.2/01.3	38875
2006 ET ₇₁	2009 12 05.5	04 48.13 +27 02.4 20.9	-0.96	- 1.5	1.5/06.0	66258
2007 JA ₂₂	2009 12 05.5	04 48.13 +09 25.5 19.5	-0.86	+ 0.5	4.1/04.6	47434
2002 BX ₂₄	2009 12 05.5	04 48.14 +35 58.7 19.2	-1.23	+ 1.8	5.2/06.4	97557
2005 NM ₉₉	2009 12 05.5	04 48.23 +12 54.9 21.4	-1.12	- 3.1	3.8/04.6	40692
2002 CG ₇₁	2009 12 05.5	04 48.25 +34 56.7 18.3	-0.92	- 2.7	6.9/07.2	66126
2001 VR ₁₂₇	2009 12 05.5	04 48.27 +10 58.0 19.8	-1.00	- 0.6	5.1/04.7	66115
2002 JC ₁₂₁	2009 12 05.5	04 48.28 +15 48.5 19.1	-1.09	+ 4.7	2.1/05.4	66133
2005 YH ₇₀	2009 12 05.5	04 48.29 +19 19.0 20.2	-1.01	+ 0.5	1.1/05.4	65496
2001 XN ₂₂₃	2009 12 05.6	04 48.22 +28 08.2 19.6	-0.79	- 1.3	1.6/06.2	66120
2004 KX ₅	2009 12 05.6	04 48.22 +20 55.9 21.1	-1.12	- 0.9	0.5/05.5	66173
2004 SW ₆₁	2009 12 05.6	04 48.28 +29 57.3 20.0	-1.05	- 1.2	2.7/06.3	23984
2007 TQ ₂₇₄	2009 12 05.6	04 48.29 +35 41.8 20.7	-0.68	- 0.8	2.6/07.1	47442
2007 RU ₂₂₆	2009 12 05.6	04 48.30 +16 18.4 21.0	-0.56	- 0.8	1.2/05.0	66288
2009 ST ₃₃₉	2009 12 05.6	04 48.32 +25 37.6 19.2	-0.99	+ 1.4	1.1/05.8	66367
2006 BY ₆₂	2009 12 05.6	04 48.37 +25 07.9 20.5	-0.98	- 1.4	0.9/05.9	66250
2002 CZ ₁₁₅	2009 12 05.6	04 48.37 +41 53.4 19.6	-1.47	+ 5.4	6.5/05.9	22696
2005 UN ₁₁₃	2009 12 05.6	04 48.38 +20 41.6 20.1	-1.06	- 4.5	0.7/05.4	65460
2001 UR ₃₁	2009 12 05.6	04 48.42 +28 38.9 19.4	-1.10	+ 2.9	3.2/06.0	66112
2002 RU ₁₂₅	2009 12 05.6	04 48.42 +13 18.4 20.6	-1.15	- 2.9	3.9/04.8	66138
2004 UD ₅	2009 12 05.6	04 48.43 +00 03.2 20.1	-0.91	- 1.0	7.8/03.8	58843
2005 DC	2009 12 05.6	04 48.45 +48 22.3 19.1	-1.23	- 0.2	9.6/08.0	66196
2004 TF ₁₈₀	2009 12 05.6	04 48.48 +20 56.9 21.4	-1.01	- 1.4	0.5/05.5	73379
2005 US ₂₇₂	2009 12 05.6	04 48.48 +23 03.2 20.0	-1.14	+ 1.7	0.3/05.7	65467
2005 BX ₃₄	2009 12 05.6	04 48.54 +18 58.4 20.1	-0.91	- 0.6	1.3/05.4	66195
2003 UG ₅₁	2009 12 05.6	04 48.58 +46 53.6 20.0	-1.17	- 3.0	7.1/09.0	47269
2004 RY ₈₇	2009 12 05.6	04 48.60 +09 23.3 20.5	-1.00	+ 1.6	4.4/04.9	40385
2003 UF ₁₃₇	2009 12 05.6	04 48.68 +36 25.2 20.7	-1.15	+ 2.2	4.9/06.7	58011
2002 GT ₇₉	2009 12 05.6	04 48.69 +20 54.7 20.1	-1.05	+ 2.7	0.5/05.6	66131
2005 QU ₁₀₆	2009 12 05.6	04 48.70 +19 48.4 20.5	-1.18	- 0.1	1.1/05.5	66205
2005 WC ₁₆₆	2009 12 05.6	04 48.72 +23 03.8 19.3	-0.95	- 3.8	0.3/05.8	65485
2005 ST ₁₁₃	2009 12 05.7	04 48.65 +22 11.5 19.6	-1.09	- 2.1	0.1/05.7	66211
2004 RU ₂₅₆	2009 12 05.7	04 48.66 +23 42.4 20.7	-1.03	- 2.3	0.4/05.8	66180
2005 SW ₂₉₂	2009 12 05.7	04 48.67 +24 39.2 20.1	-1.10	- 1.5	1.1/05.9	65452
2009 WH ₁₄	2009 12 05.7	04 48.70 +17 47.9 19.7	-0.88	- 1.3	1.6/05.3	66009
2002 VM ₁₄₃	2009 12 05.7	04 48.71 +17 06.1 19.8	-1.06	0.0	2.7/05.3	66145
2002 TM ₁₉₄	2009 12 05.7	04 48.71 +27 07.5 19.7	-1.24	- 2.0	2.1/06.2	15746
2005 UU ₄₆₁	2009 12 05.7	04 48.72 +15 36.5 18.9	-1.02	+ 1.1	2.7/05.2	66228
2006 GB ₃₃	2009 12 05.7	04 48.73 -09 44.1 21.1	-0.79	- 4.6	9.0/30.6	57048
2004 TY ₂₁₀	2009 12 05.7	04 48.77 +26 39.0 20.3	-1.03	- 0.6	1.6/06.1	66186
2005 TK ₁₉₀	2009 12 05.7	04 48.77 +30 24.0 21.2	-1.22	- 1.1	3.0/06.5	66218
2001 UX ₂	2009 12 05.7	04 48.79 +21 31.7 20.3	-1.15	+ 0.5	0.3/05.7	66111
2004 PP ₁₂	2009 12 05.7	04 48.80 +07 46.7 19.9	-0.98	+ 0.3	5.1/04.7	59727
2008 RV ₁₂₇	2009 12 05.7	04 48.83 +22 09.6 20.9	-0.90	- 1.6	0.1/05.7	58161
2002 EQ ₁₀₁	2009 12 05.7	04 48.83 +11 48.4 19.7	-0.99	+ 1.1	3.7/05.0	66130
2006 FE ₁₆	2009 12 05.7	04 48.87 +29 09.1 21.3	-0.91	- 1.1	1.8/06.4	46451

2006 EC ₃₆	2009 12 05.7	04 48.87 +09 18.9 19.8	-0.87	- 0.4	4.3/04.6	47399
2002 VE ₁₄₀	2009 12 05.7	04 48.90 +18 49.4 19.5	-1.14	+ 0.5	1.7/05.5	66144
2002 QY ₁₂₂	2009 12 05.7	04 48.95 +26 26.4 19.1	-1.26	+ 0.3	2.0/06.1	66136
2006 AB ₇₉	2009 12 05.7	04 48.96 +12 52.6 20.6	-0.94	- 0.1	3.3/05.0	66248
2009 WH ₆₄	2009 12 05.7	04 49.00 +16 48.1 20.6	-0.95	- 2.3	2.0/05.2	66017
2007 HT ₃₁	2009 12 05.7	04 49.03 +24 49.6 21.1	-1.12	- 2.2	0.9/06.0	66283
2005 ET ₂₅₁	2009 12 05.7	04 49.07 +58 47.1 18.7	-2.41	+11.7	19.5/04.3	66197
2007 DN ₁₁₄	2009 12 05.7	04 49.08 +29 05.4 21.2	-1.20	- 0.6	2.6/06.3	41864
1998 TU ₉	2009 12 05.7	04 49.15 +31 40.9 20.2	-1.29	+ 0.7	3.5/06.4	59647
2008 RE ₁₉	2009 12 05.8	04 49.09 +42 04.6 21.1	-1.20	- 1.4	5.8/07.8	49038
2005 XH ₆₉	2009 12 05.8	04 49.10 +27 45.4 20.7	-1.11	+ 0.3	1.8/06.2	66238
2001 XU ₁₁₆	2009 12 05.8	04 49.11 +37 44.4 19.2	-1.20	- 5.7	5.7/08.0	66119
2006 FN ₈	2009 12 05.8	04 49.17 +10 24.8 19.9	-0.83	- 3.1	4.0/04.4	66258
2005 TY ₁₀	2009 12 05.8	04 49.19 +24 49.7 19.1	-1.04	- 2.3	1.2/06.1	66215
2004 VD ₄₉	2009 12 05.8	04 49.28 +19 36.4 19.2	-1.02	+ 0.9	0.9/05.6	66189
2008 RH ₁₀	2009 12 05.8	04 49.35 +07 09.7 19.3	-0.80	- 1.6	4.6/04.3	66323
2003 SF ₂₈₉	2009 12 05.8	04 49.37 -04 25.8 18.8	-0.79	- 1.8	10.4/02.7	64210
2005 SK ₂₅₄	2009 12 05.8	04 49.37 +26 51.1 20.5	-1.18	- 3.4	2.0/06.4	57429
2005 YQ ₃₆	2009 12 05.8	04 49.38 +24 07.6 20.2	-1.03	- 1.7	0.6/06.0	66240
2005 YB ₁₆₄	2009 12 05.8	04 49.40 +33 57.4 20.3	-1.08	- 3.5	3.4/07.3	47370
2007 GM ₄₈	2009 12 05.8	04 49.43 +15 50.2 20.1	-0.85	- 2.2	2.0/05.2	66281
2007 BG ₂₃	2009 12 05.8	04 49.44 +16 45.7 20.4	-1.15	- 0.4	2.4/05.4	65539
2003 WN ₁₁	2009 12 05.8	04 49.45 +28 18.5 18.3	-0.94	- 7.8	2.0/06.8	66164
2005 WS ₁₇₇	2009 12 05.8	04 49.47 +23 39.9 20.3	-1.04	- 1.0	0.4/06.0	47363
2005 WK ₁₈₈	2009 12 05.8	04 49.49 +24 25.5 19.8	-1.11	+ 1.3	0.9/06.0	65486
2003 BR ₆	2009 12 05.8	04 49.50 +26 09.5 18.6	-1.11	- 5.5	1.7/06.4	66147
2007 GT ₂₁	2009 12 05.8	04 49.58 +33 35.4 19.7	-1.18	+ 1.9	3.8/06.5	62518
2001 UR ₁₃₁	2009 12 05.8	04 49.60 +26 08.0 19.4	-1.16	+ 0.4	1.4/06.2	66113
2007 EF ₈₉	2009 12 05.8	04 49.60 +20 10.4 20.9	-1.06	- 1.3	0.8/05.7	43276
2001 UZ ₈₉	2009 12 05.9	04 49.54 +15 46.4 20.9	-1.05	- 3.4	2.6/05.2	66112
2002 GY ₃	2009 12 05.9	04 49.58 -24 20.5 22.5	-1.17	- 6.2	16.1/27.0	75319
2005 YN ₂₆	2009 12 05.9	04 49.58 +16 25.5 17.9	-0.91	-11.2	2.8/04.7	66240
2001 FJ ₁₁₅	2009 12 05.9	04 49.60 +36 28.2 19.9	-1.05	- 0.2	4.3/07.1	66101
2003 AP ₆₁	2009 12 05.9	04 49.62 +09 56.9 19.3	-1.03	- 2.0	5.8/04.6	66147
2001 VZ ₄	2009 12 05.9	04 49.67 +14 33.9 17.7	-1.21	-30.2	4.3/03.5	66114
2004 RP ₁₈₃	2009 12 05.9	04 49.81 +38 52.1 19.4	-1.16	- 5.9	6.7/08.4	95401
2003 UT ₁₀₂	2009 12 05.9	04 49.82 +32 34.4 19.0	-1.03	+ 1.3	3.4/06.7	66161
2005 UT ₃₅	2009 12 05.9	04 49.83 +20 56.2 20.8	-1.12	- 2.4	0.6/05.8	01030
2007 DX ₄₉	2009 12 05.9	04 49.84 +23 42.3 19.6	-1.16	+ 1.1	0.5/06.0	66271
2004 DG ₂₆	2009 12 05.9	04 49.85 +30 48.8 20.3	-1.29	- 1.5	3.4/06.7	66168
2005 YM ₂₄₅	2009 12 05.9	04 49.88 +31 47.0 20.7	-1.08	- 1.8	3.3/06.9	31428
2005 SY ₁₈₈	2009 12 05.9	04 49.91 +20 39.7 20.0	-1.04	- 1.9	0.9/05.8	66213
2002 GG ₁₃₁	2009 12 05.9	04 49.93 +18 56.8 20.0	-0.96	- 2.3	1.3/05.6	66131
2005 ST ₂₆₁	2009 12 05.9	04 49.93 +10 01.7 19.2	-0.88	- 5.3	6.5/04.2	65451
2001 XN ₁₆₀	2009 12 05.9	04 49.94 +19 24.2 19.1	-1.04	- 0.2	1.4/05.7	65319
2003 SC ₂₁₅	2009 12 05.9	04 49.96 +25 27.0 20.1	-1.00	+ 1.9	1.1/06.2	65368
2007 DV ₉₇	2009 12 05.9	04 49.97 +19 51.3 20.8	-1.09	- 2.2	1.0/05.7	66272
2005 UR ₉	2009 12 05.9	04 49.97 +29 22.5 19.6	-1.20	+ 1.6	3.1/06.4	66218
2003 UH ₂₅	2009 12 05.9	04 49.98 +54 00.5 21.0	-1.39	- 2.7	10.2/10.9	57990
2002 QB ₁₀₈	2009 12 05.9	04 50.01 +02 48.9 21.1	-0.79	- 0.3	5.4/04.3	12255
2003 VX ₈	2009 12 05.9	04 50.01 +05 38.7 19.7	-0.86	- 8.8	6.3/02.8	65380

1999 AO ₃₂	2009 12 05.9	04 50.02 +26 28.5 19.5	-1.03	- 2.6	2.1/06.4	66087
2004 HP ₃₈	2009 12 05.9	04 50.03 +14 46.8 21.5	-1.03	- 0.9	2.3/05.3	42699
1998 SO ₁₇₂	2009 12 06.0	04 49.95 +37 18.4 20.7	-1.08	- 1.1	5.2/07.5	93733
2002 BB ₃	2009 12 06.0	04 49.99 +46 36.9 19.1	-1.37	+ 0.2	9.9/07.9	47198
2004 RJ ₈₂	2009 12 06.0	04 50.02 +19 37.0 20.4	-1.01	- 2.2	1.0/05.7	66177
2005 QY ₁₅₆	2009 12 06.0	04 50.03 +29 46.9 19.7	-1.23	- 5.1	2.8/06.9	66206
2002 ES ₁₂₀	2009 12 06.0	04 50.03 +02 37.8 19.7	-0.89	- 2.0	8.5/03.9	66130
2005 WP ₁₅₈	2009 12 06.0	04 50.04 +39 31.6 18.1	-1.37	-23.2	7.9/11.0	98010
2003 SB ₃₂₆	2009 12 06.0	04 50.04 -13 55.9 21.0	-0.81	- 4.6	12.0/30.5	58456
2001 VE ₁₂₀	2009 12 06.0	04 50.04 +26 59.6 19.7	-1.11	- 2.0	1.9/06.5	66115
2007 JB ₂₃	2009 12 06.0	04 50.08 +28 47.2 19.8	-0.94	- 3.3	1.9/06.8	47434
2004 HJ ₈	2009 12 06.0	04 50.12 +22 39.4 19.3	-1.21	+ 0.7	0.1/06.0	66172
2007 DS ₃₆	2009 12 06.0	04 50.13 +29 53.3 19.6	-1.19	- 0.4	3.6/06.6	66270
2001 RB ₁₁₃	2009 12 06.0	04 50.14 +26 17.6 19.3	-1.07	- 1.7	1.9/06.4	66105
2006 JK ₅₁	2009 12 06.0	04 50.15 +10 49.8 19.7	-0.80	+ 0.8	3.5/05.2	26171
2005 SK ₁₁₂	2009 12 06.0	04 50.15 +31 36.1 19.7	-1.23	- 3.8	3.6/07.1	66211
2008 TH ₉₅	2009 12 06.0	04 50.16 +20 32.9 21.4	-1.01	- 2.0	0.6/05.9	46962
2006 CE ₃₇	2009 12 06.0	04 50.16 +24 54.1 21.2	-0.98	- 1.1	0.8/06.3	02285
2005 SQ ₂₅₃	2009 12 06.0	04 50.20 +24 38.0 19.8	-1.16	- 4.2	0.9/06.3	66214
2007 ME ₉	2009 12 06.0	04 50.21 +11 34.6 21.2	-0.82	- 5.5	2.8/04.5	50037
2004 XU ₃₆	2009 12 06.0	04 50.22 +23 42.4 20.0	-0.96	- 0.9	0.4/06.2	65413
2007 BQ ₄₈	2009 12 06.0	04 50.23 +18 29.1 20.9	-1.15	- 0.3	1.6/05.7	66267
2005 UJ ₄₇₇	2009 12 06.0	04 50.24 +18 03.3 19.7	-1.07	- 0.9	2.0/05.7	66228
2005 EV ₁₇₇	2009 12 06.0	04 50.25 +42 05.7 20.1	-1.06	- 2.2	6.0/08.3	46288
2006 BM ₄₅	2009 12 06.0	04 50.26 +19 04.8 20.3	-0.89	- 1.5	1.0/05.7	66249
2002 JR ₁₁₃	2009 12 06.0	04 50.26 +20 43.6 20.0	-0.96	- 5.1	0.6/05.8	66132
2005 YX ₂₄₀	2009 12 06.0	04 50.28 +12 55.3 18.4	-1.07	+ 4.4	4.4/05.9	66245
2000 DJ ₈₇	2009 12 06.0	04 50.32 +01 48.7 20.3	-0.81	+ 0.2	5.7/04.3	60728
2005 YY ₃₁	2009 12 06.0	04 50.33 +16 57.5 19.4	-0.99	+ 1.7	2.5/05.7	66240
2007 FE ₃₉	2009 12 06.0	04 50.41 +15 29.0 19.8	-0.93	- 4.4	2.1/05.2	66279
2004 TS ₁₂₅	2009 12 06.0	04 50.42 +18 58.8 19.6	-1.01	+ 0.9	1.3/05.9	66185
1995 SR ₃₁	2009 12 06.0	04 50.43 +35 41.3 20.0	-1.15	- 4.9	4.7/08.0	66082
2000 DT ₁₀₅	2009 12 06.0	04 50.46 +28 37.5 20.0	-1.21	- 0.4	2.3/06.6	47143
2002 RH ₂₇₅	2009 12 06.0	04 50.46 +37 52.5 21.7	-1.00	- 1.6	4.2/07.7	45995
2007 HV ₄₅	2009 12 06.0	04 50.47 +19 32.0 20.6	-1.00	- 1.6	1.1/05.8	62520
2008 QK ₁₁	2009 12 06.1	04 50.40 +29 50.2 20.0	-0.96	- 4.2	2.3/07.1	66322
2008 QC ₂₇	2009 12 06.1	04 50.41 +08 53.8 19.9	-0.84	+ 0.1	4.3/05.0	52507
2003 EZ ₂	2009 12 06.1	04 50.42 +30 21.6 19.6	-1.22	- 0.8	3.2/06.7	66149
2001 YP ₇₂	2009 12 06.1	04 50.43 +35 11.8 18.1	-1.06	- 7.8	6.2/08.3	66121
2006 AA ₂₄	2009 12 06.1	04 50.44 +09 20.9 20.1	-0.92	+ 0.4	4.4/05.1	96911
2005 QY ₅₇	2009 12 06.1	04 50.46 +22 05.1 21.3	-1.19	- 2.9	0.1/06.1	40693
2003 SK ₄₉	2009 12 06.1	04 50.46 +09 47.2 20.7	-0.85	- 3.5	4.0/04.7	60343
2005 SH ₉₂	2009 12 06.1	04 50.46 +19 39.0 20.2	-1.06	- 2.7	1.3/05.8	65444
2004 EJ ₆₃	2009 12 06.1	04 50.49 +16 08.8 20.3	-1.12	- 3.0	2.5/05.5	41142
2005 ON ₂₄	2009 12 06.1	04 50.49 +08 04.4 20.3	-1.08	- 0.5	6.4/05.1	89704
2001 SM ₁₉₃	2009 12 06.1	04 50.51 +21 29.6 21.2	-1.13	- 1.9	0.4/06.0	40095
2002 TN ₃₅₀	2009 12 06.1	04 50.55 +18 09.8 20.8	-0.84	- 3.4	1.2/05.6	66142
2006 BV ₁₇₂	2009 12 06.1	04 50.55 +24 25.8 20.3	-0.99	- 2.8	0.7/06.3	66252
2007 LJ ₂₁	2009 12 06.1	04 50.56 +14 07.9 19.8	-1.00	- 3.8	3.1/05.1	66287
2004 TX ₂₇₉	2009 12 06.1	04 50.57 +27 03.3 20.1	-1.03	- 0.1	1.7/06.5	65408
1994 RC ₉	2009 12 06.1	04 50.60 +23 08.2 20.7	-0.97	- 1.9	0.2/06.2	21747

2003 YW ₉₁	2009 12 06.1	04 50.61 +21 03.5 19.2	-0.97	+ 3.5	0.4/06.1	65382
2005 OV ₆	2009 12 06.1	04 50.61 +36 28.4 20.7	-1.35	- 2.7	5.6/08.0	86943
2002 TQ ₉₃	2009 12 06.1	04 50.65 +17 26.0 19.3	-1.15	- 0.8	2.5/05.8	65342
2000 JA ₄₃	2009 12 06.1	04 50.72 +27 35.8 20.4	-1.16	+ 0.7	1.7/06.5	66093
2003 QA ₁₁₃	2009 12 06.1	04 50.72 +41 22.5 18.5	-1.33	+ 6.5	7.4/06.5	61722
2001 SE ₂₂₈	2009 12 06.1	04 50.73 +11 02.2 20.5	-1.01	- 2.6	4.8/05.0	48105
2006 BZ ₁₉	2009 12 06.1	04 50.74 +25 10.8 19.4	-1.01	- 4.3	1.0/06.5	66249
2008 OJ ₁₁	2009 12 06.1	04 50.77 +25 46.2 20.5	-1.14	- 3.1	1.2/06.5	58609
2002 AM ₉₇	2009 12 06.1	04 50.78 +09 49.4 18.7	-1.04	+ 5.6	5.8/06.0	66123
2001 SN ₁₄₁	2009 12 06.1	04 50.81 +30 42.2 19.1	-1.15	- 2.6	3.6/07.0	66107
2005 UX ₃₃₂	2009 12 06.1	04 50.81 +21 29.7 20.8	-1.10	- 0.5	0.4/06.1	58517
2004 JK ₃₀	2009 12 06.1	04 50.83 +18 06.9 20.2	-1.09	- 3.4	1.6/05.7	66173
2008 QR	2009 12 06.1	04 50.83 -15 06.1 20.5	-0.80	- 2.1	10.7/02.1	66322
2007 CG ₄₅	2009 12 06.1	04 50.85 +37 00.2 19.3	-1.31	- 1.4	6.9/07.6	18197
2007 FV ₂₃	2009 12 06.1	04 50.86 +31 19.5 21.9	-1.05	- 0.7	2.6/07.0	46524
2005 YC ₂₅₁	2009 12 06.1	04 50.90 +15 55.5 21.0	-0.97	- 1.2	2.6/05.6	66245
2003 RV ₂₅	2009 12 06.1	04 50.90 +45 22.9 19.9	-1.22	- 4.1	7.2/09.7	59705
2007 EE ₁₁₃	2009 12 06.2	04 50.83 +38 38.4 20.1	-1.30	- 1.3	7.8/07.8	39278
2001 TG ₁₆₃	2009 12 06.2	04 50.84 +30 56.2 20.5	-1.21	- 1.2	3.4/07.0	66110
2001 XB ₉₃	2009 12 06.2	04 50.86 +23 45.8 18.8	-1.09	- 0.4	0.5/06.3	66118
2005 YS ₅₆	2009 12 06.2	04 50.96 +28 28.3 20.5	-1.09	- 4.1	2.3/06.9	41232
2002 BG ₂₇	2009 12 06.2	04 51.01 +20 33.9 19.5	-1.11	+ 2.2	0.7/06.1	66125
2002 UX ₂₀	2009 12 06.2	04 51.02 +24 55.9 18.9	-1.24	- 4.2	1.1/06.5	66142
2003 DL ₈	2009 12 06.2	04 51.07 +25 19.1 19.6	-1.12	- 1.0	1.3/06.5	65355
1995 DP ₇	2009 12 06.2	04 51.07 +14 28.4 20.9	-0.83	- 1.0	2.3/05.5	99877
2008 GX ₇₆	2009 12 06.2	04 51.07 +16 15.9 19.7	-1.19	- 0.1	2.6/05.8	66317
2008 RL ₁₂₇	2009 12 06.2	04 51.09 +12 40.7 20.9	-0.84	- 1.7	2.9/05.3	58160
2007 HC ₈₈	2009 12 06.2	04 51.15 +11 35.1 20.7	-0.99	- 0.1	3.8/05.4	66285
2005 YG ₂₅	2009 12 06.2	04 51.15 +25 39.5 20.2	-1.01	- 3.6	1.4/06.6	66240
2007 EY ₄₈	2009 12 06.2	04 51.15 +06 28.0 20.3	-0.87	- 2.6	4.9/04.6	66274
2005 WY ₉₁	2009 12 06.2	04 51.25 +23 33.2 20.0	-1.08	- 0.7	0.5/06.4	65480
2004 JU ₁₇	2009 12 06.2	04 51.27 +23 34.8 20.9	-1.11	- 2.6	0.4/06.4	43201
2002 EA ₅₃	2009 12 06.2	04 51.28 +22 13.3 20.1	-1.02	- 1.0	0.1/06.3	66129
2006 JJ ₅₄	2009 12 06.2	04 51.28 +26 31.2 19.9	-0.99	+ 2.4	1.2/06.5	65526
2000 GE ₄₁	2009 12 06.2	04 51.33 +18 56.7 20.4	-0.87	- 2.1	1.1/05.9	66093
2004 RW ₃₃	2009 12 06.3	04 51.25 +25 23.0 20.4	-1.07	- 0.6	1.0/06.5	66176
2005 YU ₁₉₁	2009 12 06.3	04 51.27 +16 03.0 20.2	-0.96	+ 0.3	2.2/05.8	66244
2005 VY ₁₀₂	2009 12 06.3	04 51.29 +26 47.6 19.7	-1.20	+ 2.0	1.9/06.5	66231
2005 YT ₁₉₁	2009 12 06.3	04 51.32 +26 55.8 19.9	-1.04	- 1.9	1.7/06.7	66244
2005 MQ ₃₄	2009 12 06.3	04 51.39 +15 57.7 20.9	-1.17	- 0.7	2.6/05.8	66199
2005 QH ₈₃	2009 12 06.3	04 51.43 +30 26.1 19.7	-1.19	- 3.8	3.7/07.3	65433
2007 KF ₈	2009 12 06.3	04 51.43 +11 26.5 20.7	-0.84	+ 0.4	3.0/05.5	66286
2005 SQ ₂₀₄	2009 12 06.3	04 51.46 +29 37.4 19.8	-1.22	+ 0.1	3.2/06.9	66213
2006 CT ₄₆	2009 12 06.3	04 51.47 +26 16.7 20.7	-1.00	- 1.3	1.3/06.7	66254
2007 JD ₂₈	2009 12 06.3	04 51.48 +17 38.8 21.5	-0.84	- 1.7	1.3/05.9	47434
2004 PU ₇₉	2009 12 06.3	04 51.49 +46 17.0 20.7	-1.34	- 4.6	8.5/10.0	70385
2007 GE ₄₉	2009 12 06.3	04 51.56 +29 22.4 20.2	-0.98	+ 0.7	2.0/06.9	22587
2005 QQ ₁₇	2009 12 06.3	04 51.57 +30 48.7 20.8	-1.28	- 1.6	3.3/07.1	90224
2006 DU ₁₁	2009 12 06.3	04 51.65 +25 21.6 19.5	-1.01	- 3.3	1.0/06.7	66254
2001 KQ ₅₃	2009 12 06.3	04 51.66 +22 28.5 20.2	-0.89	- 0.1	0.0/06.4	65314
2001 XT ₁₂₈	2009 12 06.3	04 51.68 +19 13.6 19.4	-1.03	- 1.7	1.4/06.1	66119

2005 TF ₈₇	2009 12 06.3	04 51.71 +19 28.3 19.9	-1.08	- 1.3	1.4/06.1	66217
2004 TL ₁₂₈	2009 12 06.3	04 51.72 +31 27.4 21.1	-1.18	+ 0.5	3.3/07.1	74391
2005 OB ₂₄	2009 12 06.3	04 51.72 +12 17.9 20.0	-1.11	- 3.7	4.4/05.3	66201
2006 BO ₉₉	2009 12 06.4	04 51.69 +19 30.8 19.6	-0.99	+ 0.3	1.2/06.2	65513
2007 EP ₄₈	2009 12 06.4	04 51.71 +17 55.1 20.8	-1.07	- 1.3	1.7/06.0	66274
2004 GF ₇₈	2009 12 06.4	04 51.74 +16 05.2 21.1	-1.07	- 3.1	2.3/05.7	66172
2005 AH ₆₆	2009 12 06.4	04 51.75 +16 50.1 20.9	-0.87	- 1.0	1.8/05.9	66195
2000 YM ₆₀	2009 12 06.4	04 51.76 +11 27.3 19.2	-0.98	+ 0.9	4.1/05.6	66100
2001 SW ₃₄₇	2009 12 06.4	04 51.78 +22 35.2 19.2	-1.11	- 6.0	0.0/06.4	66108
2003 QS ₈₁	2009 12 06.4	04 51.78 +24 11.2 20.4	-0.95	- 1.5	0.5/06.6	66154
2007 EK ₄₀	2009 12 06.4	04 51.82 +17 23.8 21.0	-1.05	- 0.9	1.8/06.0	66274
2007 EE ₁₁₅	2009 12 06.4	04 51.82 +17 53.3 19.7	-1.04	- 0.5	1.9/06.1	66275
1999 VJ ₉₁	2009 12 06.4	04 51.84 +39 56.2 18.8	-1.24	+ 2.8	6.5/07.4	41753
2007 CP ₄	2009 12 06.4	04 51.85 +33 11.8 19.5	-1.25	- 4.2	5.0/07.7	18193
2002 CB ₁₈₀	2009 12 06.4	04 51.86 +01 53.3 20.5	-0.90	+ 0.9	5.9/05.1	59677
2004 RC ₂₇₂	2009 12 06.4	04 51.87 +17 44.7 21.6	-1.00	- 1.5	1.6/06.0	43211
2006 EM ₇₄	2009 12 06.4	04 51.87 +06 44.3 20.6	-0.87	- 1.4	5.5/04.9	55220
2003 TQ ₅₉	2009 12 06.4	04 51.93 +20 40.2 19.4	-0.88	- 4.1	0.6/06.2	66160
2007 LA ₂₈	2009 12 06.4	04 51.96 +11 41.3 20.9	-0.97	+ 0.9	3.3/05.7	21374
2004 LY ₁₅	2009 12 06.4	04 51.97 +06 30.7 19.1	-1.04	+ 2.6	5.7/05.8	66173
2004 RJ ₂₅₇	2009 12 06.4	04 52.00 +17 23.6 19.7	-0.99	- 1.2	2.1/06.0	66180
2004 JV ₁₇	2009 12 06.4	04 52.06 +28 20.7 20.1	-1.21	- 0.9	2.3/06.9	16271
2004 RH ₆₅	2009 12 06.4	04 52.09 +40 13.3 20.0	-1.24	- 0.8	6.2/08.2	19623
2002 NE ₂₆	2009 12 06.4	04 52.11 +21 02.3 22.0	-0.86	- 0.9	0.4/06.3	47219
2001 XA ₁₀₄	2009 12 06.4	04 52.12 +20 12.7 18.6	-1.79	+21.1	1.3/06.7	65319
2003 QJ ₈₇	2009 12 06.4	04 52.15 +38 29.5 19.8	-1.09	- 2.1	5.0/08.2	47254
2003 FC ₅₄	2009 12 06.4	04 52.21 +30 43.3 20.6	-1.12	- 0.3	2.7/07.1	66150
2007 GC ₆₃	2009 12 06.4	04 52.22 +19 32.8 20.2	-0.95	- 3.3	1.1/06.2	66282
2005 RW ₁₁	2009 12 06.4	04 52.23 +22 59.3 20.0	-1.13	- 2.0	0.2/06.5	65438
2000 SS ₂₁	2009 12 06.4	04 52.26 +55 39.9 19.8	-1.63	+ 0.5	14.2/10.7	47941
2004 RR ₅₅	2009 12 06.5	04 52.13 +00 52.2 20.2	-0.92	- 2.3	7.5/04.4	64223
2003 SQ ₃₃₁	2009 12 06.5	04 52.17 +09 02.7 20.6	-0.84	- 2.6	4.4/05.0	43183
2004 VQ ₂₇	2009 12 06.5	04 52.17 +36 51.7 19.6	-1.13	- 4.9	5.2/08.5	41821
2004 RU ₁₆₈	2009 12 06.5	04 52.20 +01 31.5 20.2	-0.92	- 2.7	8.1/04.4	64225
2009 VZ ₆₃	2009 12 06.5	04 52.21 +17 42.7 19.3	-0.85	- 9.9	2.4/05.6	65997
2004 PO ₆₀	2009 12 06.5	04 52.22 +40 39.1 20.3	-1.23	- 3.3	6.1/08.7	43204
2004 QK ₂₄	2009 12 06.5	04 52.24 -19 37.7 20.0	-0.91	- 1.4	14.4/01.9	20340
2005 YE ₉₁	2009 12 06.5	04 52.27 +24 24.4 19.6	-1.01	- 3.2	0.7/06.7	66242
2008 QR ₂₇	2009 12 06.5	04 52.29 +08 29.1 19.3	-0.87	+ 0.3	4.5/05.5	66322
2009 WK ₆₀	2009 12 06.5	04 52.32 +18 59.0 19.9	-0.99	- 3.6	1.4/06.1	66017
2005 SY ₂₇₈	2009 12 06.5	04 52.34 +17 48.5 20.4	-1.08	- 4.3	1.9/06.0	66215
2008 RB ₇₁	2009 12 06.5	04 52.39 +12 51.9 20.2	-0.95	- 1.0	3.5/05.7	66324
2006 BN ₁₅₈	2009 12 06.5	04 52.41 +23 13.3 20.5	-0.94	- 1.6	0.2/06.6	66252
2002 TN ₈	2009 12 06.5	04 52.44 +28 41.1 18.9	-1.17	- 1.5	3.1/07.1	66140
2009 SD ₁₀₃	2009 12 06.5	04 52.47 +15 42.0 18.2	-1.01	- 8.4	3.0/05.5	66355
2005 SP ₂₇₈	2009 12 06.5	04 52.49 +23 37.0 19.3	-1.17	+ 0.3	0.5/06.6	62438
2002 PX ₉₅	2009 12 06.5	04 52.50 +28 02.6 19.4	-1.26	- 4.2	2.4/07.2	66134
2002 AQ ₁₈₅	2009 12 06.5	04 52.50 +28 44.1 19.3	-1.09	+ 0.9	2.9/07.0	66124
2001 KD ₇₀	2009 12 06.5	04 52.50 +34 54.7 19.9	-1.32	- 8.9	4.3/08.6	41764
2006 EO ₂₆	2009 12 06.5	04 52.51 +23 13.4 21.1	-0.90	- 1.6	0.2/06.6	02305
2007 HX ₆₀	2009 12 06.5	04 52.60 +18 53.0 20.5	-1.02	- 0.4	1.2/06.3	65564

2008 SG ₁₆₈	2009 12 06.5	04 52.60 +16 58.5 19.8	-0.95	- 4.5	1.8/05.9	66327
2005 YO ₄₆	2009 12 06.5	04 52.61 +28 54.3 19.3	-1.07	- 6.2	2.5/07.5	66240
2001 RW ₁₀₉	2009 12 06.5	04 52.61 +17 46.2 20.6	-1.10	- 1.3	1.8/06.2	66105
2005 VX ₁₃	2009 12 06.5	04 52.63 +10 05.3 19.7	-1.02	- 1.4	5.2/05.5	66229
2003 UA ₁₉₁	2009 12 06.5	04 52.64 +35 04.1 18.8	-1.15	+ 6.0	4.9/06.7	66162
2005 SZ ₁₁₄	2009 12 06.6	04 52.59 +21 08.5 20.6	-1.15	- 2.4	0.6/06.5	97825
2003 SD ₃₁₂	2009 12 06.6	04 52.66 +07 15.7 20.3	-0.84	- 1.6	5.0/05.2	49876
2004 TW ₄₆	2009 12 06.6	04 52.67 +09 14.4 20.1	-0.91	- 4.4	4.7/05.0	40689
2002 CS ₆₄	2009 12 06.6	04 52.72 +38 23.5 19.8	-1.19	- 1.7	5.6/08.2	47200
2009 WY ₁₄	2009 12 06.6	04 52.76 +16 45.7 20.8	-0.95	- 1.6	2.2/06.1	66009
2000 HW ₁₇	2009 12 06.6	04 52.79 +21 35.1 21.1	-1.09	- 2.3	0.3/06.6	17912
2007 HO ₄₅	2009 12 06.6	04 52.84 +12 20.9 20.6	-0.85	- 2.7	3.1/05.6	66284
2005 YO ₂₆₉	2009 12 06.6	04 52.86 +07 39.9 19.6	-0.95	0.0	6.1/05.4	98071
2005 RS ₁	2009 12 06.6	04 52.90 +27 15.6 18.7	-1.17	- 0.1	2.3/07.0	66207
2006 GX ₂₃	2009 12 06.6	04 52.91 +05 45.6 19.4	-0.81	- 3.4	5.6/04.7	66259
2006 DA ₁₅₇	2009 12 06.6	04 52.92 +33 13.5 20.4	-0.98	- 0.9	3.2/07.7	48997
2007 FJ ₁₁	2009 12 06.6	04 52.95 +21 57.2 20.9	-0.99	- 2.7	0.2/06.6	59792
2006 BR ₄₁	2009 12 06.6	04 52.98 +34 58.1 21.1	-1.05	- 1.8	4.1/07.9	43253
2006 XB ₆₀	2009 12 06.6	04 52.98 +20 05.3 20.8	-1.19	+ 0.7	1.0/06.5	66265
2001 SL ₂₈₄	2009 12 06.6	04 53.01 +28 23.0 22.4	-1.21	- 2.3	2.5/08.0	94110
2002 VR ₈₃	2009 12 06.6	04 53.02 +18 58.7 18.4	-1.12	+ 3.6	1.8/06.6	65348
2006 BZ ₂₃₁	2009 12 06.6	04 53.02 +20 42.0 19.8	-0.97	- 0.1	0.6/06.5	66253
2007 DD ₂₂	2009 12 06.6	04 53.04 +13 11.9 20.9	-1.10	- 1.8	3.8/05.8	21876
2007 EG ₃₅	2009 12 06.6	04 53.08 +16 30.9 21.1	-1.08	- 0.6	2.2/06.2	59790
2005 QA ₁₀₈	2009 12 06.6	04 53.08 +14 48.1 21.5	-1.13	- 2.0	3.1/06.0	90235
2008 SY ₂₆	2009 12 06.6	04 53.09 +37 25.4 21.6	-1.03	- 0.8	4.3/08.1	46726
2004 HU ₂₉	2009 12 06.6	04 53.10 +23 38.4 20.4	-1.11	- 2.6	0.4/06.8	66172
2001 SC ₂₁₈	2009 12 06.6	04 53.13 +61 55.6 20.2	-2.14	+ 3.1	14.7/08.0	19545
2002 JW ₁₂₂	2009 12 06.7	04 53.09 +07 25.8 19.6	-0.91	- 0.1	5.1/05.5	64186
2006 BN ₅₆	2009 12 06.7	04 53.12 +09 01.0 19.3	-0.99	+ 3.3	5.3/06.2	66250
2002 AY ₁₂₆	2009 12 06.7	04 53.15 +16 30.9 19.3	-0.96	- 0.7	2.9/06.2	65322
2004 RS ₉₁	2009 12 06.7	04 53.16 +20 51.9 20.1	-1.02	- 3.6	0.6/06.5	66177
2004 TE ₃₆₆	2009 12 06.7	04 53.16 +28 41.8 19.4	-1.04	- 0.1	2.2/07.2	09083
2007 DM ₃₃	2009 12 06.7	04 53.18 +15 12.9 19.8	-1.07	- 0.7	3.3/06.2	66270
2003 SA ₃₄₉	2009 12 06.7	04 53.21 +05 34.7 21.2	-0.83	- 2.1	5.0/05.0	58457
2005 NA ₂₉	2009 12 06.7	04 53.23 +20 38.7 20.8	-1.17	- 2.6	0.8/06.6	38880
2007 EZ ₁₈₁	2009 12 06.7	04 53.23 -02 17.0 21.0	-0.79	- 3.6	6.5/03.9	49018
2005 UM ₂₂₂	2009 12 06.7	04 53.25 +25 06.9 20.6	-1.12	- 2.2	1.1/07.0	66224
2005 QS ₁₄	2009 12 06.7	04 53.28 +24 52.3 19.5	-1.09	- 2.3	1.2/07.0	66202
2006 DE ₇₈	2009 12 06.7	04 53.29 +20 10.1 21.7	-0.87	- 1.1	0.7/06.5	66256
2002 AF ₁₁₅	2009 12 06.7	04 53.38 +05 05.8 19.2	-0.99	+ 2.9	7.3/06.0	66124
2004 NM ₂₄	2009 12 06.7	04 53.38 +31 26.9 20.0	-1.21	+ 2.4	3.3/07.2	66174
2005 TU ₂₃	2009 12 06.7	04 53.38 +24 36.0 19.0	-1.12	+ 0.4	1.0/06.9	97849
2003 SM ₈₃	2009 12 06.7	04 53.42 +35 35.9 19.8	-1.06	0.0	4.0/07.8	48898
2006 DQ ₈₃	2009 12 06.7	04 53.45 +07 37.2 21.8	-0.82	- 1.7	4.1/05.3	01386
2005 SB ₉₁	2009 12 06.7	04 53.45 +17 53.6 20.1	-1.05	- 2.8	2.2/06.3	65444
2002 PB ₅₁	2009 12 06.7	04 53.45 +09 01.9 20.5	-0.83	- 0.4	4.0/05.7	62350
2008 JZ ₁₉	2009 12 06.7	04 53.47 +09 34.4 20.5	-1.05	- 8.4	4.2/04.9	40771
2001 MR ₂₁	2009 12 06.7	04 53.50 +22 18.4 20.5	-1.17	- 0.3	0.1/06.8	66102
2005 TG ₈₅	2009 12 06.7	04 53.54 +28 07.5 20.9	-1.20	- 1.4	2.0/07.3	40695
2002 XT ₆₀	2009 12 06.7	04 53.56 +21 12.2 18.7	-1.23	-14.5	0.6/06.5	65351

2002 UD	2009 12 06.8	04 53.47 +16 19.4 18.9	-0.98	- 3.7	3.3/06.1	65345
2001 QC ₁₃₃	2009 12 06.8	04 53.49 +18 22.7 19.7	-1.08	- 3.9	1.6/06.3	66103
2000 LU ₃₆	2009 12 06.8	04 53.51 +05 15.2 16.5	-1.04	+ 3.4	8.4/06.6	66093
2003 SE ₃₂₈	2009 12 06.8	04 53.51 +31 29.5 20.9	-1.00	- 2.5	2.9/07.8	66159
2002 RM ₇₆	2009 12 06.8	04 53.55 +32 18.0 21.8	-1.33	- 1.9	3.6/07.7	40676
2009 VJ ₇₁	2009 12 06.8	04 53.56 +24 23.4 19.4	-1.01	+ 0.2	0.7/07.0	66000
2001 SY ₂₆₄	2009 12 06.8	04 53.58 +22 42.8 19.0	-1.08	+ 0.5	0.1/06.8	66107
2005 QF ₉	2009 12 06.8	04 53.59 +19 19.7 19.6	-1.13	- 1.2	1.4/06.6	66202
2006 AG ₃₄	2009 12 06.8	04 53.61 +23 57.7 20.3	-1.03	- 0.7	0.5/06.9	66247
2007 FF ₄₈	2009 12 06.8	04 53.62 +20 01.3 21.3	-1.00	- 2.7	0.8/06.6	66280
2005 ED ₄₂	2009 12 06.8	04 53.63 +20 07.4 20.6	-0.88	- 1.4	0.8/06.6	66196
2004 NA ₂₃	2009 12 06.8	04 53.63 +41 25.7 19.2	-1.27	- 4.3	6.5/09.4	97714
2004 XU ₉₉	2009 12 06.8	04 53.66 +02 33.6 19.7	-0.95	+ 4.3	6.1/06.2	66192
2004 TP ₁₂₉	2009 12 06.8	04 53.67 +22 26.2 18.7	-1.00	+ 1.1	0.1/06.8	66185
2005 TK ₈₂	2009 12 06.8	04 53.68 +19 48.2 20.7	-1.11	- 3.4	1.1/06.6	66216
2001 XU ₁₀₃	2009 12 06.8	04 53.69 -00 55.3 18.9	-1.56	+18.0	12.1/09.5	66118
2007 EV ₂₃	2009 12 06.8	04 53.69 +21 37.2 19.8	-1.15	- 0.2	0.4/06.8	59790
2001 YX ₄	2009 12 06.8	04 53.70 +31 58.0 18.4	-1.41	+ 9.7	4.0/06.6	66121
2007 DZ ₄₆	2009 12 06.8	04 53.70 +12 18.9 19.6	-1.03	- 2.5	5.2/05.8	19704
2007 JM ₂₆	2009 12 06.8	04 53.74 +14 53.9 20.1	-0.94	- 0.3	2.7/06.3	66286
2004 ED ₁₃	2009 12 06.8	04 53.74 +29 23.0 19.8	-1.26	- 0.2	2.7/07.3	66169
2008 SR ₆₃	2009 12 06.8	04 53.87 +24 50.4 20.6	-0.89	- 2.2	0.7/07.1	66326
2003 UC ₂₅₄	2009 12 06.8	04 53.89 +14 17.7 20.2	-0.85	- 3.0	2.9/06.0	66163
2007 EA ₃₉	2009 12 06.8	04 53.93 +15 36.4 18.7	-1.03	+ 0.6	3.6/06.4	66273
2005 SU ₂₂₄	2009 12 06.8	04 53.93 +13 44.4 19.1	-0.97	- 3.7	4.4/05.9	66214
2004 MU ₃	2009 12 06.8	04 53.94 +16 19.3 20.7	-1.02	- 4.8	2.1/06.2	66174
2009 WZ ₁₄	2009 12 06.8	04 53.94 +17 33.4 20.0	-0.88	- 0.8	1.6/06.5	66009
2008 GQ ₃₈	2009 12 06.9	04 53.87 +17 46.9 21.5	-1.17	- 1.5	1.8/06.5	39988
2005 EN ₁₅₃	2009 12 06.9	04 53.88 +54 16.3 19.2	-2.30	+11.9	16.2/04.9	12886
2000 DO ₉	2009 12 06.9	04 53.92 +18 56.9 21.0	-0.86	- 1.3	1.0/06.6	66091
2004 RX ₁₇₉	2009 12 06.9	04 53.92 +10 00.0 20.2	-0.95	- 4.0	4.2/05.5	41812
2002 QR ₇₆	2009 12 06.9	04 53.93 +00 18.3 20.6	-0.78	- 2.4	6.1/04.5	47225
2006 FQ ₄₉	2009 12 06.9	04 53.94 +13 51.9 20.2	-0.88	+ 1.8	2.4/06.4	66259
2008 PV ₆	2009 12 06.9	04 54.04 +07 06.8 20.1	-0.89	+ 0.9	4.9/06.0	66322
2003 FJ ₉₄	2009 12 06.9	04 54.07 +21 51.8 20.2	-1.01	+ 0.2	0.2/06.9	66150
2005 TE ₇₁	2009 12 06.9	04 54.07 +20 49.7 19.5	-1.03	- 1.9	0.8/06.8	66216
2003 TD ₅₁	2009 12 06.9	04 54.08 +30 03.8 19.8	-0.95	- 4.2	2.3/07.9	66160
2004 TF ₁₄₉	2009 12 06.9	04 54.10 +18 03.5 19.3	-0.94	- 3.3	1.9/06.4	65405
2008 RW ₁₃₁	2009 12 06.9	04 54.10 +35 44.7 20.3	-1.01	- 0.6	4.2/08.1	65601
2005 WS ₁₃₄	2009 12 06.9	04 54.17 +20 05.8 19.5	-1.04	+ 1.2	1.1/06.8	98005
2005 QY ₁₄₁	2009 12 06.9	04 54.19 +14 04.7 21.2	-1.14	- 2.5	3.3/06.2	38888
2007 DA ₈₈	2009 12 06.9	04 54.22 +20 12.5 20.8	-1.14	- 0.8	0.9/06.8	19707
1998 RE ₄₉	2009 12 06.9	04 54.23 +37 56.1 19.5	-1.09	- 1.2	5.8/08.5	01971
2004 TM ₉₇	2009 12 06.9	04 54.26 +26 08.8 20.5	-1.03	- 0.5	1.2/07.3	66184
2004 OG ₁	2009 12 06.9	04 54.30 +14 16.3 19.7	-1.01	- 1.6	2.8/06.3	66174
2001 TA ₁₄₆	2009 12 06.9	04 54.31 +19 55.3 19.4	-1.08	+ 0.9	1.2/06.8	66110
2000 GE ₄₆	2009 12 06.9	04 54.32 +24 17.9 20.7	-1.15	- 1.1	0.7/07.1	47145
2005 TG ₃₂	2009 12 06.9	04 54.33 +18 08.9 20.5	-1.12	- 1.0	1.8/06.6	66216
2004 RD ₂₄₁	2009 12 06.9	04 54.34 +00 07.5 19.9	-0.93	- 2.4	8.3/04.5	48940
2005 QH ₇₄	2009 12 06.9	04 54.35 +34 44.5 19.0	-1.26	- 2.0	5.3/08.2	66204
2006 BK ₁₈₄	2009 12 06.9	04 54.35 +30 37.9 20.5	-1.05	- 1.8	2.8/07.8	66252

2005 QW ₇₀	2009 12 06.9	04 54.36 +11 11.2 19.3	-1.07	- 0.4	4.9/06.2	66204
1997 TN ₁	2009 12 07.0	04 54.33 +12 08.1 20.0	-0.83	- 3.3	3.4/05.8	66084
2005 SW ₁₆₃	2009 12 07.0	04 54.34 +24 55.2 19.2	-1.18	+ 2.0	1.0/07.1	66212
2007 EO ₃₉	2009 12 07.0	04 54.35 +40 12.4 20.8	-1.29	+ 1.0	6.0/08.2	19388
2005 YC ₅₄	2009 12 07.0	04 54.38 +25 00.6 20.7	-1.00	- 2.4	0.8/07.3	66241
2002 CO ₁₈₉	2009 12 07.0	04 54.39 +17 22.9 19.9	-1.03	+ 0.8	2.3/06.7	66127
2005 YA ₇₉	2009 12 07.0	04 54.40 +20 58.7 20.8	-1.02	- 0.8	0.6/06.9	66241
2002 GM ₁₁₉	2009 12 07.0	04 54.42 +31 47.4 19.7	-1.15	+ 2.4	3.1/07.4	66131
2004 PT ₆₈	2009 12 07.0	04 54.47 +02 24.8 21.3	-0.95	- 1.0	6.6/05.5	74317
2004 VB ₅₅	2009 12 07.0	04 54.47 +23 28.9 20.1	-0.99	- 1.6	0.3/07.1	66189
2003 SE ₁₈₈	2009 12 07.0	04 54.47 +24 55.6 18.8	-0.98	+ 1.6	0.8/07.2	66157
2005 UH ₃₄₇	2009 12 07.0	04 54.49 +23 03.6 20.8	-1.12	- 0.9	0.2/07.1	20822
2003 UC ₁₄₃	2009 12 07.0	04 54.49 +27 11.5 19.3	-0.93	- 2.4	1.6/07.5	66162
2004 TA ₂₁₈	2009 12 07.0	04 54.51 +18 11.9 20.3	-0.96	- 2.2	1.7/06.6	65407
2005 QV ₇₇	2009 12 07.0	04 54.52 +17 24.0 20.7	-1.13	- 1.7	2.1/06.6	65432
2002 DP ₁	2009 12 07.0	04 54.55 +10 02.9 20.8	-0.92	- 1.3	3.7/05.9	47206
2003 UU ₂₂₅	2009 12 07.0	04 54.56 +23 01.3 18.7	-0.90	- 2.6	0.1/07.1	65377
2005 ME ₃₅	2009 12 07.0	04 54.65 +25 32.6 21.0	-1.23	- 2.9	1.2/07.4	87691
1999 VS ₁₂₈	2009 12 07.0	04 54.65 +19 01.8 20.7	-0.93	- 3.2	1.3/06.7	66089
2005 SR ₁₉	2009 12 07.0	04 54.67 +28 57.4 20.2	-1.23	+ 0.5	2.6/07.5	66208
2004 RX ₁₄₂	2009 12 07.0	04 54.67 +24 09.6 18.1	-0.97	- 7.3	0.7/07.3	65395
2007 DJ ₉₉	2009 12 07.0	04 54.75 +19 23.4 20.2	-1.12	- 0.8	1.3/06.8	66272
2005 WZ ₁₆₂	2009 12 07.0	04 54.75 +19 38.7 19.0	-0.99	+ 4.2	1.5/07.0	65484
2003 SH ₁₀	2009 12 07.0	04 54.77 +26 38.0 20.3	-0.95	- 1.6	1.4/07.5	58453
2007 EP ₆₉	2009 12 07.0	04 54.81 +17 37.4 20.8	-1.09	- 1.3	2.0/06.7	66274
2007 BP ₆₇	2009 12 07.0	04 54.84 +18 47.0 19.5	-1.15	+ 0.4	1.6/06.8	66267
2002 WR ₂₅	2009 12 07.0	04 54.84 +13 29.5 19.5	-1.07	- 5.2	4.0/06.0	66145
2005 VS ₈₀	2009 12 07.1	04 54.77 +20 05.8 19.3	-1.12	+ 2.4	1.1/07.0	66230
2007 JH ₄₅	2009 12 07.1	04 54.83 +18 40.7 20.7	-1.03	- 1.0	1.4/06.8	66286
2009 SN ₃₃₉	2009 12 07.1	04 54.83 +26 40.7 19.2	-1.07	+ 3.8	1.8/07.2	65818
2001 YR ₃₁	2009 12 07.1	04 54.84 +22 08.0 19.3	-1.11	+ 0.8	0.2/07.1	66121
2005 CY ₂₈	2009 12 07.1	04 54.86 +46 37.9 19.2	-1.16	- 2.7	9.0/10.0	55155
2004 GF ₂₁	2009 12 07.1	04 54.89 +20 13.6 20.3	-1.18	+ 0.2	0.9/07.0	66171
2005 UL ₄₃₆	2009 12 07.1	04 54.89 +18 40.4 20.7	-1.08	- 3.1	1.5/06.7	66227
2002 ET ₃₃	2009 12 07.1	04 54.93 +28 30.1 19.2	-1.08	+ 0.6	2.6/07.5	66129
2006 DD ₁₀	2009 12 07.1	04 54.93 +15 22.3 19.1	-0.93	+ 0.3	2.5/06.6	66254
2001 BS ₄₆	2009 12 07.1	04 54.93 +16 57.6 18.7	-0.93	- 5.2	2.3/06.4	65314
2007 EP ₁₃₃	2009 12 07.1	04 54.95 +09 34.1 21.2	-0.90	- 1.7	3.8/05.9	59791
2005 YE ₁₇₉	2009 12 07.1	04 55.00 +07 58.9 20.1	-0.96	+ 2.1	4.7/06.5	66244
2006 BQ ₂₃₃	2009 12 07.1	04 55.00 +17 27.9 19.1	-0.97	+ 1.6	2.4/06.9	65515
2005 TR ₅₂	2009 12 07.1	04 55.00 +15 03.3 19.9	-0.96	- 3.7	3.8/06.3	97854
2005 XF ₂₉	2009 12 07.1	04 55.04 +41 35.9 19.0	-1.27	+ 2.1	8.5/08.2	60854
2004 FF ₁₂₂	2009 12 07.1	04 55.04 +13 24.1 20.4	-1.08	- 2.5	3.3/06.3	66170
2004 RX ₃₄₃	2009 12 07.1	04 55.04 +37 12.6 19.8	-1.16	- 1.3	5.1/08.5	48942
2004 GK ₂₄	2009 12 07.1	04 55.05 -10 49.5 20.1	-1.02	- 6.4	12.8/01.6	60802
2003 SQ ₂	2009 12 07.1	04 55.07 +23 59.6 20.5	-0.93	- 1.8	0.5/07.3	66155
2001 RF ₄₇	2009 12 07.1	04 55.09 +67 53.9 20.0	-2.54	+ 2.2	25.2/12.5	48073
2004 TL ₂₀₉	2009 12 07.1	04 55.12 +27 07.9 20.7	-1.05	- 0.9	1.6/07.5	22780
2009 WZ ₇₉	2009 12 07.1	04 55.13 +13 06.3 20.2	-1.32	-14.3	4.5/05.4	66019
2004 RB ₂₁₄	2009 12 07.1	04 55.14 +09 07.9 19.8	-0.98	- 6.5	4.7/05.4	40387
2004 EU ₈₁	2009 12 07.1	04 55.15 +29 26.9 20.7	-1.23	- 0.3	2.5/07.7	66169

2002 EZ ₁₄₃	2009 12 07.1	04 55.17 +42 50.4 21.1	-1.24 - 1.4	6.7/09.0	45941
2005 QC ₁₅₈	2009 12 07.1	04 55.18 +25 53.7 19.4	-1.19 + 0.2	1.5/08.0	66206
2006 HA ₄₅	2009 12 07.1	04 55.19 +03 23.3 21.2	-0.78 - 2.7	5.2/05.0	58528
2002 RP ₂	2009 12 07.1	04 55.23 +31 51.6 19.1	-1.30 - 1.9	4.3/08.1	66137
2005 SV ₃₃	2009 12 07.1	04 55.26 +10 11.9 20.2	-1.03 - 1.1	5.4/06.2	21827
2007 EC ₇	2009 12 07.1	04 55.26 +20 15.5 21.5	-1.06 - 1.6	0.8/07.0	41864
2000 DJ ₁₁	2009 12 07.1	04 55.27 +14 28.9 19.5	-0.86 - 1.8	2.7/06.4	66091
2004 RK ₉₁	2009 12 07.1	04 55.28 +18 22.3 20.8	-1.00 - 2.3	1.4/06.8	65394
2005 QU ₅₈	2009 12 07.1	04 55.31 +33 30.1 19.7	-1.28 - 0.1	4.8/08.0	97794
2006 DJ ₁₈₈	2009 12 07.2	04 55.19 +20 01.1 20.4	-0.90 - 0.8	0.8/07.0	66257
2001 UD ₁₁₆	2009 12 07.2	04 55.20 +28 26.6 19.4	-1.17 + 1.3	2.5/07.5	19552
2002 QD ₈₃	2009 12 07.2	04 55.20 +30 45.4 20.1	-0.93 - 3.0	2.7/08.1	66136
2003 FW	2009 12 07.2	04 55.23 +20 41.4 18.8	-1.46 +11.1	0.9/07.3	66150
2004 JC ₃₀	2009 12 07.2	04 55.25 +22 05.5 20.5	-1.13 - 0.6	0.2/07.2	43201
2005 SK ₁₀₄	2009 12 07.2	04 55.28 +31 39.6 19.9	-1.24 + 0.3	3.8/08.0	66211
2002 SB ₁	2009 12 07.2	04 55.28 +14 43.7 20.0	-1.15 - 1.8	3.0/06.6	66139
2008 TM ₈₈	2009 12 07.2	04 55.28 +20 47.8 19.9	-0.61 0.0	0.4/07.1	66332
2005 QR ₃₈	2009 12 07.2	04 55.33 +12 45.7 20.6	-1.13 - 0.7	3.7/06.5	66203
2002 GC ₁₃₉	2009 12 07.2	04 55.35 +07 47.2 20.5	-0.95 - 1.8	5.3/05.8	47213
2009 WD ₁₅	2009 12 07.2	04 55.38 +16 45.2 20.4	-0.96 - 0.4	2.2/06.8	66009
2004 OD	2009 12 07.2	04 55.39 -03 10.2 19.5	-0.97 + 2.2	9.8/06.2	65917
2006 HA ₄₃	2009 12 07.2	04 55.40 +34 09.0 20.9	-1.05 + 1.5	3.6/07.9	01662
2009 WB ₃₃	2009 12 07.2	04 55.43 +23 17.9 20.1	-1.02 + 2.4	0.2/07.3	66012
2007 EK ₁₈₁	2009 12 07.2	04 55.44 +16 35.8 20.4	-1.09 - 3.5	2.5/06.6	66277
2005 TC ₁₆₈	2009 12 07.2	04 55.49 +23 08.1 19.3	-1.08 - 1.9	0.2/07.3	66218
2006 HH ₂₀	2009 12 07.2	04 55.53 +19 11.9 19.2	-0.91 - 2.4	1.3/06.9	65523
2000 UU ₁₀₆	2009 12 07.2	04 55.55 +25 13.9 18.9	-1.16 + 5.2	1.1/07.3	66098
2007 EF ₉₁	2009 12 07.2	04 55.58 +26 54.2 20.8	-1.08 - 1.5	1.5/07.7	26257
2004 RP ₃₃₁	2009 12 07.2	04 55.60 -04 31.4 21.2	-0.96 - 4.9	8.6/04.2	40689
2002 VL ₁₀₂	2009 12 07.2	04 55.60 +32 09.2 19.2	-1.27 + 1.7	4.6/08.0	66144
2009 SV ₃₃₉	2009 12 07.2	04 55.61 +18 58.6 18.7	-0.90 - 5.1	1.3/06.8	65819
2005 UL ₁₂₅	2009 12 07.2	04 55.62 +14 38.8 20.2	-1.05 - 5.9	3.3/06.3	66221
2004 RM ₁₅₄	2009 12 07.2	04 55.71 +11 27.8 20.7	-0.95 - 3.4	3.5/06.1	47306
2003 QH ₂	2009 12 07.2	04 55.72 +41 51.7 18.4	-1.22 - 9.5	6.7/11.0	66153
2002 UA ₁₂	2009 12 07.2	04 55.75 +24 08.9 17.4	-1.35 -17.6	12.3/28.0	66142
2001 XA ₃	2009 12 07.3	04 55.66 +30 38.0 17.9	-1.48 -18.0	4.0/09.1	66117
2005 QK ₁₇₆	2009 12 07.3	04 55.67 +19 47.0 20.4	-1.15 - 2.1	1.2/07.1	21823
2003 UB ₃₇₆	2009 12 07.3	04 55.71 +14 46.1 19.6	-0.85 - 3.1	3.2/06.5	65379
2005 XK ₂₁	2009 12 07.3	04 55.78 +28 31.5 19.0	-1.17 + 2.8	2.6/07.6	66237
2004 TS ₁₅₇	2009 12 07.3	04 55.79 +12 45.9 20.3	-0.93 - 4.7	3.3/06.2	66185
2006 BG ₂₁₇	2009 12 07.3	04 55.85 +20 31.7 19.7	-1.01 + 0.4	0.8/07.2	65515
2007 CW ₁₂	2009 12 07.3	04 55.85 +26 01.8 21.3	-1.21 - 1.7	1.4/07.6	20524
2003 AL ₇₉	2009 12 07.3	04 55.86 +14 33.8 19.5	-1.05 - 1.2	3.8/06.7	66147
2004 TU ₁₄₅	2009 12 07.3	04 55.87 +16 35.1 18.9	-0.95 - 1.7	2.5/06.8	66185
1998 HM ₁₆	2009 12 07.3	04 55.87 +20 33.7 20.0	-1.00 - 0.6	0.7/07.2	66084
2003 SJ ₇₇	2009 12 07.3	04 55.87 +12 41.7 19.0	-0.86 - 3.9	3.3/06.2	66155
2006 GH ₄₉	2009 12 07.3	04 55.89 +24 09.0 19.6	-0.97 + 3.2	0.4/07.4	66259
2005 YX ₃₄	2009 12 07.3	04 55.97 +32 59.2 19.9	-1.13 - 5.8	4.0/08.7	96697
2003 SW ₂₃₅	2009 12 07.3	04 55.99 +62 51.6 19.0	-1.72 + 3.0	15.6/10.0	59709
2009 WC ₃₃	2009 12 07.3	04 55.99 +23 22.1 19.5	-0.99 + 2.1	0.3/07.4	66013
2006 BS ₅₂	2009 12 07.3	04 56.05 +27 15.5 19.6	-1.02 - 1.9	1.7/08.0	47378

2008 RP ₉₅	2009 12 07.3	04 56.05 +07 47.7 21.2	-0.85 - 1.4	4.5/06.1	46689
2000 YW ₁₁₂	2009 12 07.3	04 56.06 +14 54.6 18.2	-0.99 + 2.5	3.0/07.0	66100
2000 QJ ₁₁₇	2009 12 07.3	04 56.07 -09 55.9 20.3	-1.05 + 4.3	13.5/08.3	87392
2001 YM ₁₇	2009 12 07.3	04 56.09 +20 06.5 18.7	-1.06 - 3.7	1.1/07.1	66121
2005 SM ₂₈₈	2009 12 07.3	04 56.12 +19 35.2 21.5	-1.15 + 1.9	1.3/07.2	24475
2008 PP ₅	2009 12 07.3	04 56.13 +41 47.2 19.5	-1.10 - 4.9	6.5/10.1	56131
2009 WP ₆₄	2009 12 07.3	04 56.14 +18 17.2 19.6	-1.04 + 0.1	2.3/07.1	66017
2004 YZ ₂₁	2009 12 07.4	04 56.09 +20 36.5 19.6	-0.91 - 0.4	0.8/07.2	65418
2000 YW ₁₉	2009 12 07.4	04 56.10 -00 33.1 18.7	-0.88 - 0.2	9.8/05.6	66100
2008 LM ₁₅	2009 12 07.4	04 56.14 +14 59.2 18.9	-1.05 - 0.6	3.3/06.9	66321
2000 AO ₆₀	2009 12 07.4	04 56.15 +28 30.2 20.0	-1.35 - 3.3	2.4/07.9	66090
2008 QV ₄₀	2009 12 07.4	04 56.16 +04 05.2 20.1	-0.95 - 2.9	6.0/05.3	47459
2004 RO ₃₁₅	2009 12 07.4	04 56.17 +18 19.2 19.3	-1.09 + 3.4	1.7/07.3	66181
2003 UM ₂₅₀	2009 12 07.4	04 56.18 +18 51.9 19.4	-0.86 - 4.8	1.2/07.0	66163
2008 QM ₉	2009 12 07.4	04 56.19 +35 47.4 20.0	-1.01 - 1.7	4.2/08.7	47453
2003 US ₃₄₂	2009 12 07.4	04 56.21 +34 07.3 20.2	-1.02 - 0.2	3.6/08.3	66164
2005 QX ₅₂	2009 12 07.4	04 56.25 +30 18.6 20.6	-1.29 - 1.4	3.1/08.1	97793
2007 GP ₃₇	2009 12 07.4	04 56.25 +18 52.0 20.2	-1.08 - 0.8	1.7/07.1	66281
2003 HF ₁₃	2009 12 07.4	04 56.26 +07 07.5 21.2	-0.95 - 3.3	5.3/05.7	47248
2008 QK ₂₄	2009 12 07.4	04 56.26 +03 27.8 21.5	-0.82 - 1.1	5.3/05.9	46623
2003 SD ₃₀₇	2009 12 07.4	04 56.27 +49 30.3 20.8	-1.27 - 3.5	7.6/11.3	47264
2002 AB ₁₇₇	2009 12 07.4	04 56.28 +29 52.4 18.6	-1.07 - 3.3	3.3/08.0	66124
2000 HQ ₈₂	2009 12 07.4	04 56.30 +22 56.0 20.5	-1.11 - 1.0	0.1/07.5	17912
2002 PB ₂₇	2009 12 07.4	04 56.31 +08 12.4 20.7	-0.81 - 1.0	4.0/06.2	47220
2006 DZ ₂₆	2009 12 07.4	04 56.34 +06 56.9 20.5	-0.83 - 1.2	4.8/06.1	62480
2005 CC ₄₃	2009 12 07.4	04 56.38 +05 46.8 20.7	-0.85 - 0.3	5.6/06.0	02243
2006 DQ ₂₀₀	2009 12 07.4	04 56.41 +01 01.6 20.7	-0.78 - 2.5	5.6/05.0	62482
2000 JK ₇₂	2009 12 07.4	04 56.41 +31 51.1 17.5	-1.71 +11.1	4.2/08.0	66093
2001 TV ₂₁₀	2009 12 07.4	04 56.42 +30 36.5 19.9	-1.18 - 2.9	3.0/08.3	66110
2005 AW ₆₀	2009 12 07.4	04 56.43 +23 42.9 19.1	-0.93 - 0.8	0.4/07.6	65420
2003 SJ ₁₉₅	2009 12 07.4	04 56.46 +15 26.0 19.4	-0.86 - 3.8	2.3/06.7	66157
2005 QX ₉	2009 12 07.4	04 56.47 +31 59.9 20.3	-1.26 - 4.6	3.9/08.6	34848
2006 GK ₂	2009 12 07.4	04 56.48 +38 14.4 21.0	-1.04 + 0.8	4.3/08.5	53490
2005 QA ₆₀	2009 12 07.4	04 56.51 +21 10.3 19.2	-1.06 - 1.8	0.7/07.4	66204
2005 SO ₁₇₉	2009 12 07.4	04 56.52 +23 07.3 20.4	-1.19 - 0.2	10.8/28.0	33461
2007 GF ₅₁	2009 12 07.4	04 56.54 +17 27.5 20.4	-1.02 - 0.4	1.8/07.1	66281
2006 BM ₅₁	2009 12 07.4	04 56.55 +24 17.8 20.0	-1.00 - 1.3	0.6/07.6	66249
2008 JD ₇	2009 12 07.4	04 56.56 +18 03.1 21.1	-1.11 - 3.6	1.7/07.0	66319
2000 RN ₉₀	2009 12 07.4	04 56.57 +37 51.8 19.4	-1.20 - 3.3	5.6/09.3	97391
2002 CG ₆₁	2009 12 07.4	04 56.57 +18 43.0 18.9	-1.07 + 4.4	1.8/07.4	66126
2006 CF ₁₈	2009 12 07.5	04 56.52 +09 15.2 19.4	-0.95 + 1.2	5.1/06.7	02284
2008 QP ₉	2009 12 07.5	04 56.53 -16 57.9 22.0	-0.92 - 0.5	11.4/04.0	49035
2005 YR ₉₂	2009 12 07.5	04 56.54 +34 45.3 20.5	-1.14 - 6.5	4.6/09.2	98049
2001 PH ₂₂	2009 12 07.5	04 56.54 +25 39.6 20.4	-1.16 - 1.4	1.1/08.0	66102
2003 UX ₁₃₈	2009 12 07.5	04 56.57 +15 11.6 18.9	-0.89 - 0.3	2.7/06.9	66162
2002 QJ ₃₆	2009 12 07.5	04 56.57 +15 31.3 21.3	-1.23 + 1.1	2.9/07.2	57371
2002 XX ₉	2009 12 07.5	04 56.60 +18 24.1 17.7	-1.17 + 8.4	2.2/08.0	65350
2004 TX ₁₇₈	2009 12 07.5	04 56.62 +23 23.6 20.4	-1.03 - 1.2	0.3/07.6	66186
2006 HX ₄₄	2009 12 07.5	04 56.62 +32 38.7 20.2	-1.02 + 0.4	3.2/08.2	66260
2007 FC ₃₃	2009 12 07.5	04 56.66 +30 15.6 20.4	-1.08 0.0	2.5/08.1	66279
2006 DV ₈₆	2009 12 07.5	04 56.70 +28 47.1 19.6	-1.00 - 0.3	2.2/08.0	66256

2007 JF ₂₆	2009 12 07.5	04 56.71 +12 24.5 20.4	-0.87	-	2.5	3.4/06.5	66286
2005 NY ₈₁	2009 12 07.5	04 56.73 +33 54.3 19.5	-1.27	-	2.5	5.2/08.7	18113
2005 UA ₄₄	2009 12 07.5	04 56.74 +24 12.9 19.9	-1.19	-	0.6	9.7/28.0	62444
2006 BE ₂₁₄	2009 12 07.5	04 56.79 +24 02.4 19.4	-1.00	-	3.1	0.5/07.7	66252
2003 SK ₃₀	2009 12 07.5	04 56.80 +27 04.2 20.5	-0.97	-	0.9	1.4/08.0	43176
2000 JY ₆₄	2009 12 07.5	04 56.81 -12 18.3 22.6	-0.83	-	0.7	8.6/03.4	1650
2006 EF ₄₁	2009 12 07.5	04 56.83 +37 04.4 20.3	-1.07	-	1.2	5.0/08.9	09536
2005 WZ ₁₈₇	2009 12 07.5	04 56.83 +20 34.2 19.3	-1.04	+	1.0	1.0/07.4	66236
2008 QA ₂₂	2009 12 07.5	04 56.84 +01 31.1 20.6	-0.79	-	1.9	5.8/05.6	50149
2004 NR	2009 12 07.5	04 56.84 +19 00.8 20.2	-1.04	-	1.4	1.3/07.3	66174
2001 OS ₂₈	2009 12 07.5	04 56.86 +22 26.4 20.6	-1.17	+	0.9	0.1/07.6	41764
2006 DZ ₆₉	2009 12 07.5	04 56.86 +22 51.4 20.7	-0.92	-	1.0	0.1/07.6	02293
2000 RP ₈	2009 12 07.5	04 56.91 -18 19.0 19.5	-0.95	-	3.2	13.2/03.8	47148
2005 CV ₃₁	2009 12 07.5	04 56.93 +13 40.7 19.1	-0.87	+	0.4	3.2/06.9	66195
1995 SG ₆	2009 12 07.5	04 56.94 +30 33.2 19.7	-1.15	-	1.0	4.1/08.2	22355
2000 RM	2009 12 07.5	04 57.00 +07 10.0 19.9	-0.99	-	5.6	6.5/05.8	40665
2005 TZ ₈₅	2009 12 07.5	04 57.04 +19 40.4 21.0	-1.17	-	0.2	1.3/08.0	55194
2002 SJ ₁₈	2009 12 07.6	04 56.97 +17 56.5 20.9	-1.16	-	1.8	2.0/07.2	39719
2005 TD ₄₂	2009 12 07.6	04 56.97 +19 26.8 20.1	-1.11	-	3.2	1.2/07.3	66216
2006 BA ₂₅₆	2009 12 07.6	04 56.99 +22 27.4 21.4	-0.85	-	0.9	0.0/07.6	48991
2005 MV ₃₅	2009 12 07.6	04 57.01 +24 30.0 21.2	-1.23	-	1.6	0.8/07.8	12892
2008 OP ₁₉	2009 12 07.6	04 57.02 +12 33.7 21.0	-0.95	-	1.6	3.4/06.7	47448
2005 QC ₄₆	2009 12 07.6	04 57.05 +27 58.4 19.6	-1.22	-	0.8	2.4/08.0	65431
2002 CM ₇₁	2009 12 07.6	04 57.08 +29 16.6 19.9	-1.08	-	1.4	2.4/08.2	66126
2005 QB ₉₄	2009 12 07.6	04 57.10 +25 59.0 20.2	-1.20	-	0.8	1.5/08.0	65434
1999 FU ₈₃	2009 12 07.6	04 57.12 -01 00.2 20.8	-0.95	-	1.2	8.1/05.5	59648
2002 CO ₂₇₉	2009 12 07.6	04 57.16 +02 57.2 20.6	-0.89	-	0.1	5.8/06.2	19572
2004 HO ₃₆	2009 12 07.6	04 57.19 +16 42.0 19.5	-1.14	+	1.0	2.5/07.3	66172
2004 RE ₄	2009 12 07.6	04 57.20 +09 53.2 19.6	-1.00	+	2.5	5.3/07.2	95321
2005 UG ₂₆₂	2009 12 07.6	04 57.25 +21 54.7 21.1	-1.13	-	0.8	0.3/07.6	14769
2002 QJ ₆₉	2009 12 07.6	04 57.29 +17 18.4 21.1	-0.84	-	0.9	1.5/07.2	47225
2001 QT ₃₃₀	2009 12 07.6	04 57.34 +19 16.8 18.7	-1.01	+	2.5	1.8/08.0	66104
2001 XF ₁₅₂	2009 12 07.6	04 57.36 +21 41.9 18.6	-1.06	-	4.1	10.4/28.0	66119
2005 AN ₇	2009 12 07.6	04 57.36 +13 13.0 19.8	-0.85	+	1.0	2.7/07.1	66194
2006 KZ ₁₀₄	2009 12 07.6	04 57.40 +00 49.5 20.4	-0.80	-	2.5	6.5/05.2	47414
2002 AR ₅	2009 12 07.6	04 57.41 -14 13.8 19.0	-1.62	+13.1	19.4/11.2	66122	
2008 TV ₁₃	2009 12 07.6	04 57.43 +46 52.1 21.1	-1.18	-	0.1	6.5/09.8	50380
2001 OE ₆₈	2009 12 07.6	04 57.44 +39 21.2 20.1	-1.36	-	3.8	6.2/09.7	14613
2002 PU ₉₂	2009 12 07.6	04 57.46 +22 27.0 19.9	-1.29	-	2.7	10.8/28.0	66134
1999 CF ₇	2009 12 07.6	04 57.52 +63 21.8 18.5	-1.61	-	3.7	15.5/14.4	66087
2002 SY ₇₃	2009 12 07.7	04 57.37 +09 12.7 20.3	-0.83	+	0.7	4.0/06.8	64192
2005 TY ₁₀₅	2009 12 07.7	04 57.38 +16 45.6 19.4	-1.10	-	0.3	2.6/07.3	66217
2008 NH ₂	2009 12 07.7	04 57.47 +26 46.8 20.6	-0.95	-	2.0	1.3/08.1	47446
2008 PB ₁₁	2009 12 07.7	04 57.48 -03 26.2 20.2	-0.82	+	0.4	7.9/06.2	59134
2005 QX ₈₇	2009 12 07.7	04 57.48 +12 30.7 20.7	-1.08	-	2.3	4.0/06.8	66204
2007 HY ₄₄	2009 12 07.7	04 57.51 +18 26.5 20.1	-1.00	-	1.9	1.6/07.4	47431
2003 SN ₁₇₆	2009 12 07.7	04 57.52 +08 03.0 19.8	-0.85	-	1.3	4.6/06.5	52372
1998 TK ₂₆	2009 12 07.7	04 57.52 +22 21.8 19.3	-0.90	-	2.1	0.1/07.7	66086
2001 YB ₆	2009 12 07.7	04 57.52 +26 34.9 19.1	-1.44	+10.0	1.6/07.6	65320	
2005 QG ₁₇₈	2009 12 07.7	04 57.52 +19 55.0 19.5	-1.08	-	2.0	1.3/07.5	66206
2002 SX ₆₇	2009 12 07.7	04 57.54 +30 01.9 20.3	-1.20	0.0	3.7/08.2	66139	

2004 EO ₁₀₅	2009 12 07.7	04 57.58 +14 03.6 21.1	-1.09	-	1.2	3.1/07.1	66170
2002 PF ₁₈₇	2009 12 07.7	04 57.58 +16 50.6 19.4	-1.20	+	2.8	2.8/07.5	66135
2009 WW ₃₃	2009 12 07.7	04 57.58 +20 37.8 20.1	-0.89	-	1.3	0.7/07.6	66013
2002 VT ₇	2009 12 07.7	04 57.69 +21 06.9 18.4	-1.05	-10.5	0.8/07.5	65346	
2005 SR ₁₄	2009 12 07.7	04 57.71 +26 58.9 19.3	-1.24	+	1.0	1.8/08.0	66208
2004 PU ₉₀	2009 12 07.7	04 57.74 +38 09.7 18.9	-1.19	-	1.0	6.3/09.2	74319
2001 XE ₂₆₇	2009 12 07.7	04 57.75 +27 43.3 18.9	-1.23	+	5.5	2.1/08.0	66121
2004 XA ₂₇	2009 12 07.7	04 57.77 +20 16.0 19.3	-0.94	-	0.6	1.0/07.6	66191
2006 CY ₃₃	2009 12 07.7	04 57.77 +14 39.8 20.3	-0.95	-	1.6	3.2/07.1	66254
2005 YL ₂₆₃	2009 12 07.7	04 57.77 +28 01.8 21.0	-1.07	-	1.5	2.1/08.2	20833
2000 EJ ₂₄	2009 12 07.7	04 57.80 +45 38.1 20.4	-1.15	0.0	6.7/09.6	45851	
2003 ME ₃	2009 12 07.7	04 57.84 +18 36.5 20.1	-1.04	+	1.9	1.3/07.6	66152
2004 GE ₆₀	2009 12 07.7	04 57.85 +25 07.4 21.1	-1.15	-	0.2	0.9/08.0	11053
2004 PX ₆₇	2009 12 07.7	04 57.87 -02 25.1 20.3	-0.92	+	0.3	10.2/06.3	69817
2006 DC ₂₁	2009 12 07.7	04 57.88 +29 02.0 20.3	-1.02	-	2.3	2.2/08.4	48993
2007 EZ ₆₈	2009 12 07.7	04 57.88 +19 53.7 20.4	-1.11	-	1.1	1.1/07.6	47422
2005 SD ₁₁₃	2009 12 07.8	04 57.81 +32 44.5 19.9	-1.24	-	3.4	4.1/08.9	18126
2007 DR ₂	2009 12 07.8	04 57.82 +29 04.2 20.5	-1.23	-	1.0	2.8/08.3	17716
2008 OV ₂₀	2009 12 07.8	04 57.83 +25 18.2 21.4	-1.14	-	1.8	0.9/08.0	46594
2002 CE ₁₅₇	2009 12 07.8	04 57.83 +10 27.6 20.0	-0.96	+	0.6	4.0/07.0	21116
2006 AP ₇₉	2009 12 07.8	04 57.86 +28 38.8 19.8	-1.09	-	5.0	2.1/08.5	66248
2005 YC ₄₉	2009 12 07.8	04 57.88 +16 13.9 20.0	-0.98	-	0.2	2.3/07.4	66241
2005 BM ₁₃	2009 12 07.8	04 57.89 +27 18.5 19.3	-0.93	-	2.2	1.5/08.3	47339
2001 SK ₁₇₂	2009 12 07.8	04 57.91 +26 53.5 20.8	-1.17	-	1.3	1.7/08.2	66107
2004 TE ₃₆₉	2009 12 07.8	04 57.92 +17 15.2 19.8	-0.93	-	3.7	2.1/07.2	65409
2004 TB ₇₂	2009 12 07.8	04 57.95 +23 27.8 20.8	-1.01	-	1.1	0.3/07.9	66184
1998 RK ₄₀	2009 12 07.8	04 57.96 +30 37.5 19.8	-1.27	-	0.2	3.1/08.4	66085
2008 HR ₃₆	2009 12 07.8	04 58.00 +17 48.4 20.8	-1.17	+	1.4	1.9/08.0	66318
2008 OT ₁₃	2009 12 07.8	04 58.00 +10 04.6 20.2	-0.87	+	0.3	4.3/07.0	60578
2005 QA ₈	2009 12 07.8	04 58.03 +27 42.9 20.0	-1.21	-	2.2	2.2/08.3	66202
2003 SS ₇₉	2009 12 07.8	04 58.03 -00 05.3 19.0	-0.82	-	4.5	8.3/05.0	66156
2006 HY ₈₈	2009 12 07.8	04 58.03 +04 06.3 20.8	-0.79	-	3.4	5.1/05.6	53498
2008 QQ ₁₇	2009 12 07.8	04 58.05 +03 01.3 22.2	-0.92	-	0.5	5.8/06.4	46618
2004 RF ₉₃	2009 12 07.8	04 58.07 +01 04.7 20.4	-0.92	-	2.5	8.0/05.8	19624
2007 HP ₁₄	2009 12 07.8	04 58.11 +08 52.2 20.3	-0.83	-	1.8	4.1/06.7	66283
2008 GZ ₁₁₀	2009 12 07.8	04 58.12 -02 10.5 19.2	-1.44	+11.4	12.2/09.0	59133	
2006 HF ₄₆	2009 12 07.8	04 58.13 +16 09.1 20.4	-0.88	+	1.2	2.0/07.5	66260
2005 TF ₄₀	2009 12 07.8	04 58.17 +28 05.3 19.3	-1.20	+	2.2	2.4/08.1	66216
2004 TW ₂₉₀	2009 12 07.8	04 58.17 +30 36.0 20.8	-1.07	-	1.0	2.6/08.5	66187
2004 DH ₆₆	2009 12 07.8	04 58.18 +16 39.7 21.2	-1.09	-	1.1	2.0/07.4	43198
2003 UQ ₁₃₀	2009 12 07.8	04 58.20 +35 28.2 18.7	-1.03	-	7.4	4.8/09.8	47271
2001 RB ₁₄₁	2009 12 07.8	04 58.20 +28 48.9 19.6	-1.21	+	0.8	2.5/08.3	66105
2005 SA ₈₉	2009 12 07.8	04 58.21 +18 03.2 21.0	-1.11	-	2.6	1.7/07.5	40142
2007 EG ₁₃₂	2009 12 07.8	04 58.21 +01 31.2 20.1	-0.93	-	2.1	8.1/06.1	62513
2001 VT ₃₁	2009 12 07.8	04 58.26 +26 45.6 18.2	-0.92	+	4.5	1.4/08.0	66114
2002 LW ₅₅	2009 12 07.8	04 58.26 -01 24.8 20.3	-0.81	+	0.5	6.3/06.4	47217
2004 TZ ₃₀₈	2009 12 07.8	04 58.27 +21 36.7 19.2	-1.02	-	4.0	8.4/28.0	77790
2006 QV ₁₂₂	2009 12 07.8	04 58.27 -17 31.5 19.8	-1.14	-	3.4	18.3/03.4	60866
2005 UT ₁₆₈	2009 12 07.8	04 58.30 +24 29.4 20.5	-1.15	-	1.3	0.7/08.0	18143
2002 QV ₈₅	2009 12 07.8	04 58.30 +08 20.0 21.6	-0.79	-	0.8	3.7/06.7	21320
2007 HE ₁₇	2009 12 07.8	04 58.31 +17 00.2 20.7	-0.96	-	1.3	1.8/07.4	66283

2002 AT ₁₉₃	2009 12 07.8	04 58.31 +45 53.3 18.7	-1.67	- 9.9	11.0/11.8	30629
2002 VF ₈₀	2009 12 07.8	04 58.32 +19 05.2 18.9	-1.15	+ 0.9	1.8/08.0	66144
2005 SA ₂₅₂	2009 12 07.9	04 58.26 +34 32.3 20.3	-1.34	+ 0.4	4.7/08.7	97843
2008 RX ₁	2009 12 07.9	04 58.27 +24 07.6 21.3	-0.90	- 1.1	0.4/08.0	55497
2006 HF ₁₃₇	2009 12 07.9	04 58.28 +22 13.3 19.9	-0.93	- 0.4	8.9/18.0	66261
2007 EL ₁₃₄	2009 12 07.9	04 58.30 +06 46.4 20.9	-0.89	- 1.7	4.9/06.5	47424
2004 NV ₂₁	2009 12 07.9	04 58.31 +01 55.0 20.0	-0.99	+ 2.3	7.6/07.3	40126
2007 JZ ₁₉	2009 12 07.9	04 58.31 +20 12.5 21.1	-0.89	- 0.8	0.7/07.7	66286
2008 TM ₁₅	2009 12 07.9	04 58.32 +09 51.7 20.8	-0.81	- 2.4	3.6/06.6	50380
2008 QF ₁₄	2009 12 07.9	04 58.33 +15 47.0 20.3	-0.99	- 1.7	2.5/07.3	66322
2000 SY ₁₁₃	2009 12 07.9	04 58.33 +38 16.5 20.0	-1.26	+ 0.9	5.5/09.0	40089
2002 AQ ₅₆	2009 12 07.9	04 58.34 +21 53.2 19.3	-1.04	- 3.4	0.3/07.8	65322
2005 YJ ₅₀	2009 12 07.9	04 58.34 +03 53.1 19.1	-0.98	+ 2.9	7.3/07.2	66241
2001 TF ₂₅₆	2009 12 07.9	04 58.36 +29 31.8 19.4	-1.30	+ 5.0	2.7/08.0	66111
2004 RD ₅₂	2009 12 07.9	04 58.36 +04 00.8 19.5	-0.92	- 0.4	7.3/06.6	64223
2005 UJ ₅₁₂	2009 12 07.9	04 58.39 +22 19.2 19.9	-1.02	- 2.8	9.9/18.0	66229
2004 DC ₆₃	2009 12 07.9	04 58.40 +35 00.4 20.3	-1.33	- 1.4	4.8/09.0	62386
2005 SR ₁₄₅	2009 12 07.9	04 58.41 +23 19.3 20.2	-1.09	+ 0.1	11.6/28.0	21835
2004 RJ ₂₉₀	2009 12 07.9	04 58.41 +18 27.1 19.5	-1.02	+ 0.9	1.6/08.0	66181
2003 SM ₄	2009 12 07.9	04 58.41 -21 19.5 18.0	-0.75	+ 7.7	20.1/11.2	63660
2005 YK ₄₆	2009 12 07.9	04 58.44 +07 34.9 19.4	-1.01	+ 4.7	6.7/08.0	66240
2004 RY ₂₅	2009 12 07.9	04 58.44 +36 33.7 19.3	-1.21	- 0.6	5.1/09.1	20796
2004 NS ₁₆	2009 12 07.9	04 58.44 +21 27.2 19.6	-1.06	- 2.6	0.5/08.0	66174
2008 RO ₈₉	2009 12 07.9	04 58.53 +09 46.4 20.6	-0.85	- 3.2	3.7/06.6	50188
2006 BL ₃₀	2009 12 07.9	04 58.54 +39 34.2 20.2	-1.15	- 2.6	5.6/09.7	02272
2007 EN ₂	2009 12 07.9	04 58.54 +22 37.8 19.2	-1.14	- 2.0	11.8/18.0	64310
2004 FO ₁₃₆	2009 12 07.9	04 58.56 +27 39.0 21.0	-1.24	+ 1.8	1.8/08.2	66171
2005 QY ₁₈	2009 12 07.9	04 58.67 +28 17.3 19.4	-1.15	0.0	2.7/08.4	33452
2004 RP ₅₉	2009 12 07.9	04 58.67 +40 01.1 19.5	-1.26	+ 0.4	5.9/09.3	41811
2003 SH ₂₆₉	2009 12 07.9	04 58.68 +10 03.2 20.6	-0.84	- 3.7	4.0/06.6	21333
2006 DZ ₈₃	2009 12 07.9	04 58.70 +24 56.0 20.4	-0.91	- 1.6	0.7/08.2	66256
2005 SL ₇₂	2009 12 07.9	04 58.71 +22 50.7 18.5	-1.09	+ 1.0	11.8/28.0	66210
2004 TA ₁₈₆	2009 12 07.9	04 58.71 +41 45.3 20.8	-1.25	+ 0.5	6.7/09.4	73380
2004 XD ₉₇	2009 12 07.9	04 58.72 +14 43.0 19.6	-0.91	+ 2.6	2.4/07.7	66192
2007 DP ₃₆	2009 12 07.9	04 58.73 +18 51.4 20.9	-0.98	- 1.2	1.2/07.7	66270
2000 SV ₂₈₂	2009 12 07.9	04 58.73 +21 42.8 18.0	-1.01	- 7.0	10.4/28.0	66097
2008 SA ₁₇₁	2009 12 07.9	04 58.73 +09 56.8 20.6	-0.80	- 2.8	3.9/06.7	58164
2007 EG ₄₅	2009 12 07.9	04 58.76 +46 54.4 18.6	-1.42	+ 1.5	10.2/09.8	22880
1992 QE ₃	2009 12 07.9	04 58.77 +23 02.4 19.2	-1.10	- 2.3	9.5/28.0	41748
2007 BY ₃₇	2009 12 07.9	04 58.78 +18 37.8 20.6	-1.14	- 1.5	1.9/07.7	66267
2000 WL ₁₀₂	2009 12 08.0	04 58.71 +21 42.4 18.7	-1.13	+ 4.7	0.4/08.0	66099
2006 BZ ₂₃	2009 12 08.0	04 58.71 +38 51.0 19.1	-1.16	- 3.2	6.0/09.7	60858
2000 WA ₁₅₇	2009 12 08.0	04 58.79 +30 58.1 18.9	-1.18	+ 3.8	3.3/08.2	66099
2002 PZ ₁₂₂	2009 12 08.0	04 58.80 +29 14.9 20.6	-0.92	- 3.1	1.9/08.7	66135
2008 QE ₃₉	2009 12 08.0	04 58.84 +11 52.8 20.5	-0.82	- 2.3	3.1/07.0	66322
2005 SM ₂₅₁	2009 12 08.0	04 58.90 +19 54.3 19.3	-1.18	0.0	1.2/07.9	66214
2005 SQ ₁₃₉	2009 12 08.0	04 58.91 +13 54.2 21.0	-1.09	- 1.6	3.4/07.3	66212
2008 RG ₉₆	2009 12 08.0	04 58.95 +36 41.3 21.3	-1.02	- 1.5	4.0/09.4	56133
2005 RN ₂₂	2009 12 08.0	04 58.95 +17 14.9 20.2	-1.11	- 3.8	2.2/07.5	66207
2005 NY ₃	2009 12 08.0	04 58.97 +17 38.6 20.0	-1.16	- 0.9	2.3/07.7	40135
2002 AO ₁₅₁	2009 12 08.0	04 58.97 +04 06.2 19.9	-0.98	+ 0.9	6.5/06.8	30622

2005 UF ₁₈₈	2009 12 08.0	04 58.99 +24 49.1 20.9	-1.16	- 1.5	0.8/08.2	17614
2001 TC ₅₇	2009 12 08.0	04 59.01 +21 30.0 19.4	-1.08	- 2.5	0.5/08.0	66109
2007 JU ₂₃	2009 12 08.0	04 59.02 +27 48.0 21.1	-1.06	+ 0.9	1.6/08.4	26289
2005 UY ₃₉₄	2009 12 08.0	04 59.02 +17 43.1 21.3	-1.09	- 1.4	1.9/07.7	58518
2001 XB ₂₂₉	2009 12 08.0	04 59.02 +25 39.0 18.9	-1.12	- 3.3	1.2/08.4	66120
2006 DZ ₃₂	2009 12 08.0	04 59.03 +20 50.1 20.3	-0.92	- 1.5	0.6/07.9	66255
2006 AE	2009 12 08.0	04 59.05 +22 00.2 19.5	-1.02	- 5.5	0.3/08.0	66246
2004 PQ ₆₆	2009 12 08.0	04 59.07 +05 03.9 20.5	-0.95	- 1.3	5.6/06.8	41808
2004 EE ₁₁₆	2009 12 08.0	04 59.10 +14 26.0 21.6	-1.07	- 2.3	2.8/07.3	47291
2007 EA ₁₁₁	2009 12 08.0	04 59.10 +15 23.0 21.8	-0.98	- 0.9	2.3/07.5	55313
2006 FZ ₈	2009 12 08.0	04 59.16 +22 49.9 20.3	-0.87	- 0.6	0.0/08.1	66258
2002 PE ₉₂	2009 12 08.0	04 59.17 +23 19.7 19.6	-0.88	- 4.5	0.2/08.2	66134
2003 SR ₃₂₀	2009 12 08.0	04 59.19 +15 52.4 20.3	-0.90	- 1.8	2.4/07.5	66159
2004 GB ₂₄	2009 12 08.0	04 59.19 +19 07.2 20.2	-1.13	+ 0.2	1.3/07.9	66171
2005 WW ₁₉₃	2009 12 08.0	04 59.20 +16 22.7 17.8	-1.15	+10.1	3.0/08.3	66236
2002 SF ₄	2009 12 08.0	04 59.21 +47 23.7 21.1	-1.10	- 3.3	5.6/11.2	20769
2000 EP ₁₄₁	2009 12 08.1	04 59.13 +26 16.4 19.7	-1.04	- 0.5	1.4/08.4	66092
2005 QV ₁₃₇	2009 12 08.1	04 59.14 +17 55.7 20.2	-1.14	- 0.6	2.1/07.8	90237
2005 NQ ₅₄	2009 12 08.1	04 59.15 +09 11.2 19.8	-1.08	+ 1.0	6.5/07.4	20815
2008 SB ₁₀₈	2009 12 08.1	04 59.16 +08 39.3 20.2	-0.82	- 1.9	4.5/06.8	66327
2005 MY ₄₁	2009 12 08.1	04 59.16 +10 05.7 20.7	-1.13	- 0.3	5.1/07.4	39215
2005 MR ₅₄	2009 12 08.1	04 59.18 +24 06.6 21.0	-1.21	- 2.0	0.6/08.2	66199
1998 WX ₂₅	2009 12 08.1	04 59.18 +30 58.6 20.4	-1.02	+ 1.5	2.7/08.6	66086
2007 ET ₅₅	2009 12 08.1	04 59.23 -00 13.1 20.5	-0.97	- 1.1	8.2/06.2	47422
2007 CS ₄₃	2009 12 08.1	04 59.23 +12 45.8 20.8	-1.10	- 1.1	4.1/07.3	66269
2004 SM ₄₆	2009 12 08.1	04 59.24 +14 35.4 19.5	-0.99	- 3.0	2.9/07.4	66182
2008 RV ₁₁	2009 12 08.1	04 59.26 +35 06.1 21.1	-1.00	- 0.2	3.7/09.1	47461
2004 RB ₅₀	2009 12 08.1	04 59.28 -12 36.7 19.2	-0.92	+ 1.0	13.4/05.8	69938
2001 PS ₅₈	2009 12 08.1	04 59.29 +29 28.6 20.3	-1.21	- 1.7	2.5/08.7	40093
2007 EG ₁₁₂	2009 12 08.1	04 59.30 +44 28.1 19.6	-1.39	+ 2.2	9.0/09.3	57473
2003 SK ₁₃₈	2009 12 08.1	04 59.30 +37 53.5 20.0	-1.08	- 0.2	4.8/09.3	47259
2004 PQ ₁₉	2009 12 08.1	04 59.31 +28 43.0 21.1	-1.09	- 1.2	1.9/08.6	47297
2006 GS ₁₆	2009 12 08.1	04 59.33 +38 29.6 20.2	-1.10	+ 1.8	5.1/09.0	01569
2001 TD ₁₃	2009 12 08.1	04 59.34 +55 25.5 19.9	-2.31	+ 7.9	16.0/07.5	40096
2006 BD ₄₂	2009 12 08.1	04 59.37 +36 50.0 21.0	-1.11	- 3.4	4.5/09.7	03841
2001 DD ₇₃	2009 12 08.1	04 59.37 +01 38.3 20.9	-0.78	- 0.7	5.3/06.4	47164
2003 TU ₁₁	2009 12 08.1	04 59.38 +30 48.5 19.3	-0.99	- 0.2	2.6/08.8	66160
2008 RC ₁₆	2009 12 08.1	04 59.40 +34 46.9 20.7	-1.11	- 1.9	3.8/09.2	46645
2007 GD ₄₆	2009 12 08.1	04 59.42 +17 15.6 20.6	-1.00	- 2.1	1.8/07.7	66281
2004 RQ ₂₂₅	2009 12 08.1	04 59.43 +17 17.1 20.1	-0.99	- 1.0	1.9/07.7	66180
2002 QY ₉₆	2009 12 08.1	04 59.45 +29 58.2 21.0	-0.93	- 1.0	2.1/08.8	66136
1998 SS ₁₄₀	2009 12 08.1	04 59.47 +22 15.0 18.3	-1.14	- 5.0	0.2/08.1	65300
2007 BF ₄₆	2009 12 08.1	04 59.47 +21 03.9 20.8	-1.14	- 0.7	0.6/08.0	20515
2000 SZ ₂₈₁	2009 12 08.1	04 59.51 +04 21.6 19.6	-0.94	- 4.4	7.4/06.2	66097
2007 JW ₁₇	2009 12 08.1	04 59.52 +04 35.1 20.8	-0.85	+ 1.2	5.5/07.2	21367
2001 VZ ₁₉	2009 12 08.1	04 59.52 +21 29.5 18.9	-1.06	+ 0.5	0.6/08.1	66114
2005 NP ₁₀	2009 12 08.1	04 59.52 +25 05.7 19.2	-1.18	- 3.8	1.1/08.4	66200
2001 TR ₁₅₈	2009 12 08.1	04 59.53 +19 28.6 19.5	-1.08	- 1.1	1.5/07.9	66110
2005 VJ ₁₂₉	2009 12 08.1	04 59.55 +14 08.4 19.7	-1.00	- 1.2	4.2/07.5	21850
2001 TL ₁₂₇	2009 12 08.1	04 59.57 +21 05.0 19.6	-1.12	- 4.7	0.6/08.0	66110
1998 WO ₄₀	2009 12 08.1	04 59.59 +18 11.9 19.4	-0.87	- 5.2	1.9/07.6	66086

2006 AG ₇₃	2009 12 08.1	04 59.61 +26 45.5 19.6	-1.02	- 3.0	1.5/08.6	66248
2005 QC ₁₅₅	2009 12 08.1	04 59.66 +27 08.3 20.5	-1.24	- 0.9	1.8/08.5	65436
2005 TK ₆₃	2009 12 08.1	04 59.67 +42 07.5 21.0	-1.45	+ 2.5	7.7/09.2	97856
2007 CX ₁₇	2009 12 08.2	04 59.60 +14 43.0 20.9	-1.08	+ 0.5	3.0/07.7	66268
2005 TV ₂	2009 12 08.2	04 59.61 +26 34.3 19.2	-1.15	- 2.4	1.8/08.6	66215
2002 PV ₁₇₈	2009 12 08.2	04 59.64 +27 16.9 20.5	-0.92	- 3.3	1.3/08.7	13913
2008 SM ₂₅₉	2009 12 08.2	04 59.68 +26 44.2 21.5	-0.88	- 0.5	1.1/08.5	49071
2005 XB ₈₀	2009 12 08.2	04 59.72 +44 14.1 19.1	-1.33	+ 0.8	9.1/09.8	18165
2005 MC ₃₃	2009 12 08.2	04 59.72 +11 00.5 19.9	-1.14	+ 1.5	5.0/07.7	66199
2005 TL ₁₅₃	2009 12 08.2	04 59.72 +33 11.2 19.7	-1.16	+ 0.2	5.1/08.9	66218
2003 UV ₂₂₄	2009 12 08.2	04 59.76 +29 05.0 18.9	-0.94	- 1.9	2.3/08.8	66163
2005 UM ₂₂₄	2009 12 08.2	04 59.78 +27 00.5 20.2	-1.16	- 1.5	1.8/08.6	19663
2003 WK ₄₄	2009 12 08.2	04 59.80 +36 29.8 19.5	-1.00	- 3.2	4.3/09.7	47278
2005 MQ ₅₄	2009 12 08.2	04 59.85 +17 53.1 20.4	-1.16	- 0.7	2.1/07.9	66199
2005 YF ₁₁₀	2009 12 08.2	04 59.85 +28 08.3 20.4	-1.07	- 4.4	1.8/08.9	98051
2001 QD ₁₀₇	2009 12 08.2	04 59.89 +50 03.6 18.8	-1.96	-17.8	13.5/15.1	72396
2002 GL ₁₀₂	2009 12 08.2	04 59.90 +40 34.3 19.2	-1.24	+ 0.6	6.9/09.3	18008
2002 LR ₅₀	2009 12 08.2	04 59.90 +20 44.8 19.6	-0.89	- 3.8	0.6/08.0	66133
2004 TD ₁₆₀	2009 12 08.2	04 59.90 +21 51.8 20.2	-0.97	- 2.4	0.3/08.2	66185
2005 RM ₄₀	2009 12 08.2	04 59.94 -15 37.6 21.5	-1.01	- 2.7	14.3/04.5	02255
2005 AN ₅₀	2009 12 08.2	04 59.94 +08 06.0 19.9	-0.84	- 0.4	4.8/07.2	62416
2005 QQ ₄₀	2009 12 08.2	04 59.94 +02 30.5 20.7	-1.09	- 0.8	8.3/07.1	87728
2007 GF ₃₃	2009 12 08.2	04 59.96 +20 09.0 20.0	-1.03	+ 1.3	0.8/08.1	66281
2002 JQ ₈₁	2009 12 08.2	04 59.96 +34 51.6 20.0	-1.09	+ 0.2	3.7/09.1	60310
2002 QR ₂₄	2009 12 08.2	04 59.97 -07 54.0 22.5	-0.74	- 0.8	6.6/05.7	20768
2005 SY ₁₉₂	2009 12 08.2	04 59.97 +16 55.3 20.7	-1.08	- 3.7	2.3/07.7	97835
2004 PT ₁₅	2009 12 08.2	04 59.99 +20 25.0 20.3	-1.03	- 0.8	0.8/08.1	66174
2007 EH ₁	2009 12 08.2	05 00.03 +02 42.9 19.4	-1.19	-14.4	8.6/04.0	19708
2005 SJ ₇₃	2009 12 08.2	05 00.05 +19 54.1 19.4	-1.09	- 0.5	1.3/08.1	66210
2005 XW ₁₀₉	2009 12 08.2	05 00.08 +13 14.8 20.5	-0.95	+ 0.9	3.2/07.7	98030
2008 RD ₇₂	2009 12 08.3	05 00.01 +00 26.9 20.4	-0.92	- 0.8	7.6/06.5	49040
2004 RZ ₉₆	2009 12 08.3	05 00.05 +31 56.7 19.4	-1.11	- 4.6	3.6/09.4	66178
2005 AL ₄₀	2009 12 08.3	05 00.05 +09 40.5 19.7	-0.89	+ 2.7	4.0/07.8	00903
2005 AJ ₇₇	2009 12 08.3	05 00.09 +22 50.0 19.9	-0.94	+ 0.3	0.0/08.3	65420
2005 YB ₁₁₅	2009 12 08.3	05 00.09 +47 00.1 19.9	-1.35	- 7.4	9.0/12.2	98052
2007 HQ ₅₇	2009 12 08.3	05 00.11 +27 48.8 20.8	-1.10	+ 2.1	1.6/08.5	65563
2007 FC ₄₇	2009 12 08.3	05 00.13 +08 11.8 21.8	-0.90	- 1.5	4.3/07.1	46526
2006 BL ₁₁₇	2009 12 08.3	05 00.15 +22 11.0 20.7	-0.93	- 1.4	0.2/08.3	66251
2007 DE ₃₃	2009 12 08.3	05 00.15 +25 58.1 20.3	-1.18	- 0.7	1.5/08.6	66270
2007 EW ₂₁₀	2009 12 08.3	05 00.19 +28 20.3 21.4	-1.22	- 1.3	2.2/08.8	22884
2001 ST ₁₁₆	2009 12 08.3	05 00.22 +25 10.3 19.5	-1.14	- 3.8	1.0/08.6	66106
2003 UP ₁₇₄	2009 12 08.3	05 00.23 +35 04.0 19.6	-1.04	+ 0.9	3.9/09.1	58826
2002 CG ₆₆	2009 12 08.3	05 00.24 -17 19.3 19.2	-1.06	+ 9.0	16.4/10.7	20760
2003 UX ₃₀₇	2009 12 08.3	05 00.26 +34 07.0 20.9	-1.03	+ 0.6	3.6/09.1	43192
2004 JD ₁₃	2009 12 08.3	05 00.27 -13 00.8 20.3	-1.04	- 6.6	14.0/02.0	60803
2001 SL ₁₀₉	2009 12 08.3	05 00.29 +20 48.8 19.4	-1.08	- 3.1	0.7/08.2	66106
2004 TD ₃₀₈	2009 12 08.3	05 00.29 +17 45.0 19.4	-0.97	- 5.2	1.7/07.8	66188
2000 AW ₁₇₉	2009 12 08.3	05 00.30 +30 52.7 18.7	-1.33	- 9.3	3.2/09.5	66090
2002 PK ₁₃₄	2009 12 08.3	05 00.42 +00 33.5 21.1	-0.77	- 0.2	5.7/06.8	43158
2007 EG ₂₁₄	2009 12 08.3	05 00.45 -01 33.6 20.9	-1.04	+ 3.9	7.8/07.6	26264
2006 BY ₂₆	2009 12 08.3	05 00.48 +41 47.3 19.3	-1.18	- 3.8	8.1/10.7	01230

2005 UV ₁₆₄	2009 12 08.3	05 00.51 +24 22.7 20.7	-1.16	- 0.8	0.7/08.5	66222
2005 SB ₂₅₀	2009 12 08.3	05 00.51 +26 06.9 21.3	-1.22	- 0.9	1.3/08.6	97843
2002 SU ₁₄	2009 12 08.3	05 00.52 +34 26.9 19.5	-1.34	- 3.9	5.1/09.7	14671
2002 QS ₁₁₀	2009 12 08.4	05 00.44 +54 19.0 21.7	-1.33	- 3.7	8.9/12.8	12813
2009 SS ₃₃₉	2009 12 08.4	05 00.45 +28 31.5 18.9	-1.26	+ 2.6	2.8/08.6	65818
2002 VY ₈	2009 12 08.4	05 00.48 +25 55.9 18.8	-1.23	- 4.6	1.4/08.8	66143
2003 UP ₁₉₇	2009 12 08.4	05 00.51 +06 06.3 21.3	-0.86	- 4.3	5.7/06.6	58024
2004 FZ ₁₃₅	2009 12 08.4	05 00.51 +18 07.0 20.8	-1.11	- 1.8	1.7/08.0	41805
2007 EP ₁₅	2009 12 08.4	05 00.51 +41 44.1 19.1	-1.33	+ 1.8	8.1/09.5	55309
2000 EJ ₁₇₄	2009 12 08.4	05 00.53 +05 40.9 19.6	-0.89	+ 1.5	5.2/07.4	77450
2006 BY ₁₃	2009 12 08.4	05 00.54 +28 51.3 19.4	-1.17	+ 4.7	2.3/08.5	66249
2006 BU ₆₃	2009 12 08.4	05 00.55 +25 01.3 20.2	-1.02	- 2.6	1.0/08.6	65511
2006 DP ₁₃₄	2009 12 08.4	05 00.62 +40 08.7 20.6	-1.13	- 0.6	5.7/09.9	48996
2001 SC ₁₂₀	2009 12 08.4	05 00.63 +17 23.4 20.8	-1.08	- 2.5	1.9/08.0	66106
2006 JL ₄₄	2009 12 08.4	05 00.65 +27 31.2 20.2	-0.95	+ 1.8	1.4/08.7	66261
2008 MJ ₂	2009 12 08.4	05 00.68 +14 08.9 18.9	-1.00	+ 0.1	3.7/07.9	66321
2005 YX ₃₆	2009 12 08.4	05 00.7 +73 31.1 18.5	-2.48	-12.7	23.4/28.0	98039
2003 WG ₃₁	2009 12 08.4	05 00.71 +21 46.6 19.8	-0.89	- 3.9	0.3/08.3	76199
2002 RT ₂₄₈	2009 12 08.4	05 00.71 +04 48.9 20.7	-0.79	- 0.9	5.2/07.0	62355
2008 SS ₄₉	2009 12 08.4	05 00.74 +00 42.9 21.4	-0.77	- 2.0	5.9/06.4	47487
2005 YG ₁₁₄	2009 12 08.4	05 00.76 +26 48.1 20.3	-1.06	- 1.2	1.6/08.8	01179
2003 FM ₉₂	2009 12 08.4	05 00.78 +28 23.1 20.9	-1.04	- 0.4	1.6/08.9	48890
2006 FP ₄₁	2009 12 08.4	05 00.78 +15 38.6 20.1	-0.86	- 1.7	2.4/07.8	66258
1993 BB ₉	2009 12 08.4	05 00.79 +04 51.4 19.6	-0.99	+ 3.2	6.7/08.0	66081
2000 UW ₆₇	2009 12 08.4	05 00.79 +14 35.0 19.3	-0.98	- 5.9	3.1/07.5	66098
2001 QB ₂₇₅	2009 12 08.4	05 00.86 +26 36.2 19.8	-1.20	+ 1.2	1.5/08.7	66104
2007 EZ ₉₈	2009 12 08.4	05 00.87 +10 20.4 21.2	-0.93	- 1.0	3.9/07.5	47423
2007 EH ₂₉	2009 12 08.4	05 00.87 +34 38.7 20.8	-1.11	- 1.4	3.7/09.5	49017
2003 SL ₈₆	2009 12 08.4	05 00.88 +08 33.7 19.2	-0.86	- 6.8	5.2/06.5	66156
2001 VV ₄₇	2009 12 08.4	05 00.88 +23 59.8 18.0	-1.11	- 0.3	0.5/08.6	66114
2007 FT ₄₆	2009 12 08.4	05 00.93 +15 10.3 21.1	-0.91	- 2.2	2.3/07.8	55318
2005 TH ₁₄₃	2009 12 08.4	05 00.93 +18 34.6 19.2	-1.01	+ 0.5	2.1/08.2	66217
2005 XA ₆₆	2009 12 08.4	05 00.94 +16 57.9 17.9	-0.95	- 2.9	2.8/07.9	66238
2002 SC ₁₈	2009 12 08.4	05 00.95 +20 11.3 20.6	-1.20	- 1.7	1.1/08.3	40107
2004 TQ ₂₃₁	2009 12 08.4	05 00.96 +24 58.1 20.5	-1.00	- 2.4	0.8/08.7	66187
2003 UJ ₁₁₃	2009 12 08.4	05 00.97 +27 57.4 19.7	-1.03	+ 2.9	1.7/08.7	66162
2003 SX ₃₀	2009 12 08.5	05 00.87 +09 35.2 20.6	-0.84	- 2.2	4.0/07.3	48896
2004 KY ₁₀	2009 12 08.5	05 00.90 +11 33.3 20.2	-1.06	- 0.7	4.2/07.7	66173
2004 QX ₄	2009 12 08.5	05 00.95 +39 14.7 20.6	-1.19	- 5.0	6.6/10.7	95307
2005 RM ₄₄	2009 12 08.5	05 00.97 +09 08.5 20.2	-1.14	+ 1.7	5.1/08.1	14749
2008 OL ₁₉	2009 12 08.5	05 00.99 +26 53.8 20.4	-1.08	- 4.1	1.5/09.0	66321
2007 FS ₃₈	2009 12 08.5	05 01.00 +06 59.5 20.7	-0.93	- 0.5	5.0/07.3	46526
2007 HF ₇	2009 12 08.5	05 01.00 +24 48.4 20.0	-1.06	+ 1.7	0.6/08.6	66283
2007 EU ₆	2009 12 08.5	05 01.04 +13 13.2 21.2	-1.11	- 2.1	3.8/07.7	19709
2007 BR ₄	2009 12 08.5	05 01.05 +32 16.5 19.2	-1.30	+ 0.7	4.5/09.0	66266
2002 PH ₁₁₄	2009 12 08.5	05 01.09 +06 06.9 20.9	-0.81	+ 0.1	4.7/07.4	43158
2003 SC ₂₈₄	2009 12 08.5	05 01.09 +10 51.4 19.3	-0.86	- 4.4	4.0/07.2	66158
2007 DY ₃₄	2009 12 08.5	05 01.10 +20 18.1 21.1	-1.12	- 1.5	1.0/08.3	17742
2006 DM ₁₆₅	2009 12 08.5	05 01.11 +12 00.4 21.7	-0.82	- 0.7	3.0/07.7	58526
2003 SX ₂₇₉	2009 12 08.5	05 01.13 +20 25.2 21.3	-0.91	- 1.9	0.7/08.3	46051
2003 UP ₃₁₄	2009 12 08.5	05 01.14 +13 34.3 19.8	-0.83	- 4.1	2.7/07.5	66163

2005 WS ₁₇₀	2009 12 08.5	05 01.15 +21 48.4 20.2	-1.06	- 0.2	0.3/08.5	66236
2008 SN ₁₅₁	2009 12 08.5	05 01.15 +57 14.9 20.6	-1.45	+ 1.2	9.4/11.0	49060
2005 UX ₁₉₃	2009 12 08.5	05 01.20 +20 46.0 21.2	-1.13	- 1.6	0.8/08.4	56033
2004 RL ₂₁₆	2009 12 08.5	05 01.25 +22 44.6 18.8	-1.02	- 5.0	0.0/08.6	65398
2004 TB ₃₄₃	2009 12 08.5	05 01.26 +09 29.4 20.1	-0.90	- 4.3	4.1/07.1	47323
2007 JX ₄₃	2009 12 08.5	05 01.27 +20 59.2 19.8	-0.98	+ 3.2	0.5/08.5	66286
2003 WN ₁₄	2009 12 08.5	05 01.28 +17 16.3 20.0	-0.85	- 3.5	1.8/08.0	65380
2005 AF ₂₈	2009 12 08.5	05 01.30 +30 23.7 19.6	-0.96	- 3.7	2.6/09.4	47337
2004 RG ₅₁	2009 12 08.5	05 01.30 +16 26.1 20.5	-1.01	- 0.3	2.3/08.2	66177
2005 YF ₆₀	2009 12 08.5	05 01.31 +32 05.4 20.1	-1.10	- 3.6	3.5/09.6	98042
2008 RO ₁₁₇	2009 12 08.5	05 01.32 +17 42.9 20.3	-0.92	- 2.2	1.7/08.1	66324
2007 EP ₂₁₅	2009 12 08.5	05 01.34 +17 02.3 20.0	-1.11	- 4.1	2.5/08.0	66278
2006 BQ ₁₉₈	2009 12 08.5	05 01.35 +35 41.6 19.7	-1.08	- 1.5	5.9/09.7	02281
2002 CH ₂₁₅	2009 12 08.5	05 01.37 +28 12.2 19.4	-1.09	- 1.2	2.3/09.0	66128
2006 HT ₁₀₂	2009 12 08.5	05 01.37 +11 53.1 19.8	-0.86	- 3.8	3.5/07.4	66260
2001 TN ₂	2009 12 08.5	05 01.38 +16 46.0 20.1	-1.06	- 3.0	2.3/08.0	66108
2002 NU ₇	2009 12 08.5	05 01.42 +35 42.6 19.1	-1.44	- 7.6	6.5/10.6	74190
2003 UB ₂₅₀	2009 12 08.6	05 01.32 +23 08.8 19.0	-0.93	+ 0.9	0.1/08.6	66163
2005 AQ ₁₆	2009 12 08.6	05 01.32 +16 24.5 19.2	-0.92	+ 0.4	2.3/08.2	66194
2007 EO ₂₁₀	2009 12 08.6	05 01.32 +15 51.4 20.4	-1.10	- 2.4	2.9/08.0	42878
2003 UE ₃₂₃	2009 12 08.6	05 01.37 +16 49.9 20.2	-0.85	- 2.8	1.7/08.0	66164
2003 WV ₂₇	2009 12 08.6	05 01.37 +30 24.3 20.0	-0.95	- 1.1	2.7/09.2	47278
1995 UL ₂	2009 12 08.6	05 01.38 +31 59.1 20.0	-1.30	+ 0.1	3.8/09.2	84435
2002 AH ₁₄₃	2009 12 08.6	05 01.41 +20 43.7 20.1	-1.04	- 1.8	0.8/08.4	66124
2004 HW ₇₆	2009 12 08.6	05 01.42 +24 05.6 20.3	-1.16	- 0.9	0.5/08.7	09033
2005 SN ₁₄	2009 12 08.6	05 01.44 +34 28.7 19.6	-1.36	+ 0.8	4.6/09.4	40141
2006 BD ₉₀	2009 12 08.6	05 01.48 +28 47.2 20.2	-1.04	- 1.6	2.3/09.1	66250
2008 FC ₁₂₅	2009 12 08.6	05 01.49 +32 29.2 19.7	-1.34	+ 3.6	4.0/09.0	40753
2005 WO ₁₅₉	2009 12 08.6	05 01.51 +12 15.1 17.5	-1.06	+ 8.1	4.9/08.9	66235
2006 BS ₈₆	2009 12 08.6	05 01.56 +17 18.7 20.6	-0.96	0.0	1.9/08.3	20485
2003 SM ₁₄₁	2009 12 08.6	05 01.57 +16 34.2 18.7	-0.89	- 9.2	2.4/07.6	65366
2007 DV ₇₀	2009 12 08.6	05 01.58 +23 16.9 20.3	-1.18	- 0.9	0.2/08.7	66271
2001 UP ₃₁	2009 12 08.6	05 01.62 +22 48.2 20.2	-1.14	- 0.4	0.0/08.7	66112
2005 AJ ₆₂	2009 12 08.6	05 01.67 +04 10.4 18.5	-1.63	+20.2	10.1/10.9	38874
1999 TT ₂₆₀	2009 12 08.6	05 01.72 +22 41.0 19.8	-1.23	- 2.6	0.0/08.7	40085
2005 YJ ₁₁₅	2009 12 08.6	05 01.74 +20 34.6 19.5	-1.05	+ 1.1	0.9/08.6	66242
2002 TD ₇₃	2009 12 08.6	05 01.76 +19 44.9 18.8	-1.13	- 5.2	1.4/08.3	65341
2006 SQ ₃₉₂	2009 12 08.6	05 01.79 +55 27.4 20.9	-2.20	+ 8.4	15.9/07.6	24110
2000 SN ₁₃₉	2009 12 08.6	05 01.81 +16 10.9 18.6	-1.02	- 5.7	2.4/07.9	66096
2005 YQ ₁₃₀	2009 12 08.6	05 01.81 +16 08.5 19.9	-1.02	+ 2.2	2.7/08.4	65500
2008 NK ₁	2009 12 08.6	05 01.83 +10 47.9 19.8	-0.92	- 0.6	4.0/07.9	66321
2004 MY ₆	2009 12 08.6	05 01.83 +20 11.4 20.2	-1.06	- 3.0	0.9/08.5	66174
2007 LO ₂₄	2009 12 08.6	05 01.83 +20 43.7 20.7	-0.87	- 1.0	0.6/08.5	43285
2005 SL ₂₅₇	2009 12 08.6	05 01.85 +10 36.4 19.4	-1.03	- 1.3	5.5/07.8	66214
2001 RF ₁₀	2009 12 08.6	05 01.90 +47 48.8 19.3	-1.71	-17.2	13.3/15.0	72402
2006 HC ₈₀	2009 12 08.7	05 01.75 +29 13.3 21.7	-0.97	+ 0.5	1.8/09.1	02331
2005 UC ₂₄₉	2009 12 08.7	05 01.79 +18 08.9 20.8	-1.09	- 2.4	1.8/08.3	01062
2004 RK ₉₉	2009 12 08.7	05 01.81 +26 22.9 20.1	-1.05	- 2.6	1.4/09.0	66178
2006 DQ ₂₀	2009 12 08.7	05 01.81 +21 44.9 20.2	-0.96	- 1.1	0.3/08.6	66254
2002 TM ₂₅₂	2009 12 08.7	05 01.88 +09 24.2 19.7	-1.06	- 0.7	6.4/07.8	19584
2002 TV ₁₅₁	2009 12 08.7	05 01.88 +35 28.6 20.7	-1.35	- 1.0	5.3/09.7	89348

2003 QY ₇₇	2009 12 08.7	05 01.89 +64 41.9 18.2	-1.83	+ 1.4	15.4/13.3	66154
2003 SW ₂₇₁	2009 12 08.7	05 01.90 +34 18.4 19.5	-1.05	+ 1.3	4.0/09.4	66158
2004 FN ₁₁₁	2009 12 08.7	05 01.92 +14 06.4 19.5	-1.10	- 3.5	3.5/07.9	66170
2007 DE ₁₀	2009 12 08.7	05 01.93 +28 06.0 20.3	-1.14	- 1.3	2.0/09.2	66270
2002 PX ₁₈₇	2009 12 08.7	05 01.95 +22 49.6 20.7	-0.90	- 0.7	0.0/08.7	48495
2008 GM ₁₁₉	2009 12 08.7	05 01.96 +20 37.3 21.2	-1.14	- 0.5	0.8/08.6	41631
2004 TO ₇₄	2009 12 08.7	05 02.03 +50 45.1 19.5	-1.62	+ 6.2	10.4/08.3	02216
2003 QK ₁₅	2009 12 08.7	05 02.04 +21 28.0 19.4	-0.93	- 3.8	0.4/08.6	66153
2001 TA ₂₀₈	2009 12 08.7	05 02.08 +24 19.1 21.1	-1.15	- 1.0	0.6/08.9	66110
2008 PP ₁₉	2009 12 08.7	05 02.09 +19 25.5 21.2	-1.05	- 1.1	1.2/08.5	46603
2007 CG ₄₆	2009 12 08.7	05 02.13 +24 43.9 20.5	-1.20	- 3.2	0.8/08.9	65543
2005 XH ₂₁	2009 12 08.7	05 02.15 +27 34.0 19.1	-1.19	+ 2.3	1.7/09.0	65489
2005 PS ₁₂	2009 12 08.7	05 02.16 +16 03.9 20.2	-1.17	+ 1.7	2.8/08.5	66202
2004 TL ₂₂	2009 12 08.7	05 02.17 +26 18.4 20.4	-1.04	- 2.0	1.2/09.1	59741
2007 EJ ₂₃	2009 12 08.7	05 02.18 +34 30.6 20.7	-1.14	+ 0.3	3.9/09.6	43274
2005 YD ₁₇₀	2009 12 08.7	05 02.20 +19 32.5 20.1	-0.97	- 3.4	1.5/08.5	65502
1999 XO ₂₅₅	2009 12 08.7	05 02.21 +25 45.1 20.4	-0.95	- 1.5	1.0/09.0	66090
2002 SN ₇₂	2009 12 08.7	05 02.26 +24 17.5 21.0	-1.24	- 2.1	0.6/08.9	42626
2004 RN ₁₀	2009 12 08.7	05 02.30 +68 03.7 21.8	-2.39	- 0.3	13.4/15.2	70398
2007 HW ₅₃	2009 12 08.8	05 02.19 +11 10.8 20.6	-1.07	- 2.1	5.2/07.7	66284
2003 WC ₁	2009 12 08.8	05 02.21 +24 48.5 19.5	-0.93	+ 0.9	0.6/08.9	66164
2005 XW ₆₅	2009 12 08.8	05 02.22 +17 00.7 17.9	-1.01	- 3.3	2.6/08.3	66238
2002 QA ₉₆	2009 12 08.8	05 02.22 +23 51.6 20.7	-0.88	- 3.2	0.3/08.9	65334
2005 TH ₁₂₇	2009 12 08.8	05 02.24 +23 10.4 19.9	-1.08	- 1.8	0.2/08.8	65455
2004 TJ ₂₁₁	2009 12 08.8	05 02.26 +41 09.9 20.3	-1.25	+ 0.3	5.6/10.2	47320
2003 RR ₉	2009 12 08.8	05 02.31 +21 05.1 19.2	-0.92	- 3.8	0.6/08.6	66154
2007 CY ₂	2009 12 08.8	05 02.31 +12 33.4 20.5	-1.10	- 1.0	4.6/08.1	66268
2006 BV ₁₄₈	2009 12 08.8	05 02.34 +28 41.2 19.6	-1.05	- 2.4	2.3/09.4	47382
2006 AA ₉	2009 12 08.8	05 02.36 +18 01.1 19.8	-1.00	- 0.4	1.9/08.5	66246
2005 AQ ₁₄	2009 12 08.8	05 02.37 +09 38.9 19.1	-0.88	+ 2.1	4.5/08.3	66194
2008 RK ₉₈	2009 12 08.8	05 02.38 +25 12.9 20.7	-1.09	+ 2.3	0.7/08.9	66324
2007 CB ₂₆	2009 12 08.8	05 02.39 +21 56.9 20.3	-1.14	+ 0.2	0.3/08.8	66268
2005 EY ₁₃₂	2009 12 08.8	05 02.41 +44 14.4 19.2	-1.15	+ 1.4	6.7/10.0	48970
2008 OU ₂₁	2009 12 08.8	05 02.41 +18 57.5 19.7	-0.94	- 0.9	1.3/08.6	66321
2001 DK ₇₆	2009 12 08.8	05 02.46 +09 53.9 19.1	-0.90	- 0.5	4.4/07.9	47164
2001 RB ₉₇	2009 12 08.8	05 02.46 +18 51.8 21.2	-1.11	- 1.6	1.5/08.6	66105
2005 UM ₂₃₉	2009 12 08.8	05 02.48 +16 08.2 20.2	-1.07	0.0	2.7/08.4	66224
2003 DR ₄	2009 12 08.8	05 02.48 +17 40.6 19.3	-0.81	+ 2.2	1.6/08.6	66149
2003 TB ₃	2009 12 08.8	05 02.48 +13 35.8 19.9	-0.87	- 5.7	3.2/07.7	57981
2005 WJ ₁₉₅	2009 12 08.8	05 02.52 +25 00.2 18.0	-1.09	+ 4.8	1.1/08.9	66236
2005 UO ₃₀₈	2009 12 08.8	05 02.53 +24 54.5 20.2	-1.10	- 0.7	0.9/09.0	66225
2007 HC ₁₃	2009 12 08.8	05 02.55 +16 56.9 21.6	-0.97	- 1.7	1.8/08.4	20873
2007 JW ₁₀	2009 12 08.8	05 02.57 +21 26.8 21.2	-1.04	- 2.5	0.5/08.8	46551
2007 KZ ₁	2009 12 08.8	05 02.60 +22 04.9 20.9	-0.99	- 4.6	0.2/08.8	66286
2003 HD ₅₂	2009 12 08.8	05 02.62 +23 58.5 19.8	-1.11	+ 3.0	0.4/08.9	66152
2001 OB ₄₀	2009 12 08.8	05 02.64 +17 49.5 20.1	-1.16	+ 1.9	2.0/08.7	40092
2003 UY ₁₉₁	2009 12 08.8	05 02.67 +02 28.2 18.6	-0.92	-13.2	7.9/04.4	64212
2007 HE ₂₉	2009 12 08.8	05 02.67 +12 36.5 22.1	-0.94	- 2.1	3.4/08.0	20639
2002 CG ₃₀₂	2009 12 08.8	05 02.68 +14 29.9 19.7	-1.02	+ 1.2	3.3/08.5	66128
2005 TG ₁₆₉	2009 12 08.8	05 02.73 +26 39.4 20.6	-1.14	- 1.6	1.7/09.2	19657
2003 MH ₂	2009 12 08.9	05 02.65 -17 02.9 20.3	-0.96	+ 3.7	10.9/08.1	43173

2005 QH ₃₆	2009 12 08.9	05 02.68 +37 31.6 19.2	-1.34	- 1.7	6.1/10.2	66203
2006 BM ₁₅₅	2009 12 08.9	05 02.78 +02 57.4 19.2	-0.93	+ 2.0	8.1/08.0	60859
2005 ST ₂₀₀	2009 12 08.9	05 02.78 +25 00.8 21.5	-1.18	- 1.0	0.8/09.1	97836
2004 EU ₈	2009 12 08.9	05 02.79 +15 34.6 20.3	-1.14	- 1.6	2.9/08.4	66168
2006 DQ ₂₇	2009 12 08.9	05 02.80 -03 08.9 18.8	-0.85	+ 0.1	10.3/07.6	66255
2002 PX ₉	2009 12 08.9	05 02.80 +27 21.0 19.5	-0.91	- 3.5	1.4/09.4	66134
2003 ST ₁₆₉	2009 12 08.9	05 02.81 +36 43.3 20.0	-1.07	- 0.1	4.3/10.0	48899
2007 DA ₁₅	2009 12 08.9	05 02.83 +19 22.8 19.6	-1.14	+ 1.8	1.7/08.8	65544
2009 VF ₄₂	2009 12 08.9	05 02.86 +13 38.1 18.9	-0.89	- 5.4	3.4/07.8	65985
2000 EM ₉₀	2009 12 08.9	05 02.87 +06 20.3 20.1	-0.87	- 3.4	5.4/07.0	47143
2005 NC ₁₂₃	2009 12 08.9	05 02.89 +35 20.1 19.5	-1.40	+ 0.8	5.4/09.7	39217
2001 QJ ₁₅₉	2009 12 08.9	05 02.89 +25 06.0 19.5	-1.17	- 1.3	1.0/09.1	66103
2005 YO ₁₆₈	2009 12 08.9	05 02.90 +22 21.2 18.7	-0.98	- 4.3	0.2/08.9	65502
2008 SC ₂₅₁	2009 12 08.9	05 02.90 +28 48.2 21.4	-0.88	- 0.5	1.6/09.4	46899
2004 PL ₁₆	2009 12 08.9	05 02.91 +03 04.4 19.8	-0.95	+ 0.1	6.8/07.8	59727
2005 YJ ₁₇₂	2009 12 08.9	05 02.92 +31 12.7 18.8	-1.27	+ 7.4	3.6/08.8	66244
2005 TF ₇₁	2009 12 08.9	05 02.93 +03 11.6 19.7	-0.97	+ 5.5	8.6/08.9	97856
2001 KN ₅₁	2009 12 08.9	05 02.95 +12 06.5 21.3	-0.90	+ 2.5	2.8/08.5	10769
2003 SM ₁₈₆	2009 12 08.9	05 02.96 +47 58.9 19.9	-1.27	- 0.2	8.3/11.0	47261
2008 KP ₂₃	2009 12 08.9	05 02.98 +17 16.6 22.3	-1.18	- 1.8	2.1/08.5	50130
2008 WQ ₃₃	2009 12 08.9	05 02.99 +23 24.7 20.4	-0.61	- 0.5	0.1/09.0	66337
2008 HQ ₁₀	2009 12 08.9	05 03.00 +23 40.4 22.1	-1.21	- 1.1	0.3/09.0	41641
2005 QX ₁₀₄	2009 12 08.9	05 03.00 +22 28.8 19.2	-1.06	- 3.0	0.2/08.9	66205
2000 CU ₇₄	2009 12 08.9	05 03.06 +19 16.5 20.2	-0.90	- 0.9	1.2/08.7	66091
2005 UK ₂₂₆	2009 12 08.9	05 03.06 +17 38.6 20.2	-1.07	- 2.9	2.0/08.5	66224
2007 FN ₃₀	2009 12 08.9	05 03.07 +19 03.6 20.9	-0.99	- 1.6	1.3/08.7	66279
2003 GO ₃₂	2009 12 08.9	05 03.07 +16 11.8 19.2	-1.05	- 0.1	2.7/08.6	66151
2005 TE ₁₄	2009 12 08.9	05 03.08 +37 37.2 19.4	-1.23	- 2.3	7.2/10.5	97848
2002 AD ₁₅₆	2009 12 08.9	05 03.09 +46 48.6 18.1	-1.23	- 2.6	11.6/11.6	66124
2007 GW ₆₂	2009 12 08.9	05 03.10 +23 23.8 20.9	-0.97	- 1.4	0.2/09.0	43280
2006 WZ ₂₀₁	2009 12 08.9	05 03.13 +16 41.9 19.5	-1.16	+ 2.1	3.0/08.8	66264
2004 NR ₆	2009 12 08.9	05 03.13 +09 22.1 19.0	-0.99	+ 2.0	5.2/08.5	66174
2003 UX ₂₇₈	2009 12 08.9	05 03.13 +38 22.0 19.3	-1.12	+ 3.1	5.2/09.5	58461
2004 SY ₃	2009 12 08.9	05 03.14 +45 03.9 20.5	-1.31	- 0.7	7.4/10.9	43213
2006 HW ₄₄	2009 12 08.9	05 03.14 +16 12.8 21.1	-0.87	- 1.6	1.9/08.4	04374
2006 BN ₂₁	2009 12 08.9	05 03.14 +13 50.5 20.0	-0.95	0.0	3.2/08.4	66249
2002 RU ₂₂₅	2009 12 08.9	05 03.15 +25 05.0 20.6	-1.25	- 3.2	0.9/09.2	66138
1999 VD ₁₄₁	2009 12 09.0	05 03.10 +35 00.2 20.2	-1.15	+ 2.3	4.4/09.6	19518
2008 PJ ₅	2009 12 09.0	05 03.12 +36 50.3 20.2	-1.04	- 3.8	4.3/10.7	46598
2005 QY ₁₁₀	2009 12 09.0	05 03.13 +23 55.3 19.4	-1.13	- 2.3	0.5/09.1	66205
2004 XV ₁₈₀	2009 12 09.0	05 03.13 +21 28.9 19.7	-0.93	+ 1.5	0.4/08.9	66193
2007 BQ ₆₄	2009 12 09.0	05 03.13 +24 56.2 20.1	-1.17	- 2.8	0.9/09.2	66267
2004 EY ₂₆	2009 12 09.0	05 03.13 +16 42.7 20.2	-1.13	- 1.8	2.3/08.5	66169
2001 SP ₁₁₉	2009 12 09.0	05 03.20 +28 50.0 21.0	-1.19	- 2.6	2.2/09.6	00054
2005 TM ₇₇	2009 12 09.0	05 03.25 +18 52.7 19.2	-1.09	+ 0.3	1.8/08.8	66216
2006 BG ₂₁₆	2009 12 09.0	05 03.27 +20 15.0 19.0	-1.01	- 7.5	1.0/08.7	66252
2007 BY ₇₄	2009 12 09.0	05 03.28 +19 22.7 21.6	-1.10	- 1.7	1.2/08.8	47418
2001 SH ₉₅	2009 12 09.0	05 03.30 +18 51.5 20.2	-1.09	- 2.2	1.6/08.7	66106
2001 QW ₃₁₇	2009 12 09.0	05 03.32 +29 49.9 19.9	-1.19	- 2.3	3.2/09.7	66104
2004 PM ₁₀₂	2009 12 09.0	05 03.32 -04 15.5 20.1	-0.92	- 0.4	11.0/07.7	74320
2004 XH ₁₇	2009 12 09.0	05 03.35 +28 13.2 19.0	-0.97	- 4.5	1.9/09.7	65412

2007 ED ₈₅	2009 12 09.0	05 03.36 +41 27.6 20.8	-1.23	- 1.1	6.0/10.6	46511
2001 SH ₁₃₅	2009 12 09.0	05 03.39 +23 54.8 21.0	-1.13	- 1.7	0.4/09.1	17950
2004 TF ₁₅₈	2009 12 09.0	05 03.42 +24 49.4 19.9	-0.99	- 2.2	0.8/09.2	66185
2005 UD ₃₄₃	2009 12 09.0	05 03.45 +18 45.1 19.4	-1.20	+ 3.2	1.6/09.0	66226
2005 SO ₂₀₃	2009 12 09.0	05 03.47 +24 22.7 19.9	-1.17	+ 0.3	0.7/09.2	65448
2005 YN ₉₇	2009 12 09.0	05 03.48 +22 56.9 20.4	-1.04	+ 0.5	0.1/09.1	66242
2000 WO ₁₈₇	2009 12 09.0	05 03.52 +27 59.7 18.1	-1.17	- 8.8	2.1/09.9	66099
2001 TY ₁₃₂	2009 12 09.1	05 03.50 +26 50.4 20.6	-1.15	- 2.8	1.4/09.5	66110
2001 QD ₂₉₄	2009 12 09.1	05 03.51 +29 35.9 20.4	-1.22	- 2.4	2.5/09.7	66104
2006 BA ₂₅₁	2009 12 09.1	05 03.52 +17 43.2 20.7	-0.95	- 1.5	1.7/08.7	66253
2007 ED ₁₂₇	2009 12 09.1	05 03.52 +18 08.7 19.9	-1.14	+ 0.6	2.0/08.8	65552
2006 BP ₂₀₀	2009 12 09.1	05 03.52 +17 27.5 20.2	-0.96	+ 0.1	1.8/08.8	66252
2005 UA ₅₀	2009 12 09.1	05 03.52 +42 18.4 19.7	-1.43	+ 2.6	7.7/09.9	97884
2006 BM ₁₆₁	2009 12 09.1	05 03.58 +27 56.5 20.2	-0.98	- 2.5	1.7/09.6	46387
2000 WE ₆₃	2009 12 09.1	05 03.60 +47 45.2 19.4	-1.71	+ 4.6	8.7/10.1	41761
2005 WK ₁₉₆	2009 12 09.1	05 03.65 +05 49.9 19.6	-0.97	+ 2.3	6.4/08.4	98016
2008 SA ₃	2009 12 09.1	05 03.67 +46 04.4 20.6	-1.19	- 0.5	6.5/11.2	55506
2005 SJ ₉₀	2009 12 09.1	05 03.67 +20 43.4 19.7	-1.04	- 2.4	1.0/09.0	66210
2008 OM ₇	2009 12 09.1	05 03.70 +44 24.5 20.4	-1.19	- 4.8	6.6/12.1	46589
2006 BJ ₁₉₂	2009 12 09.1	05 03.71 +12 15.8 18.9	-0.89	+ 0.1	5.2/08.5	65515
2007 GE ₂₆	2009 12 09.1	05 03.72 +26 18.4 20.5	-1.18	- 0.5	1.5/09.4	66280
2005 QE ₁₇₁	2009 12 09.1	05 03.73 +27 04.5 19.9	-1.23	- 3.6	1.7/09.6	18119
2005 XT ₁₁₆	2009 12 09.1	05 03.73 +29 45.4 20.3	-1.12	- 8.6	3.0/10.2	58521
1998 KN ₅	2009 12 09.1	05 03.76 +03 43.3 19.4	-0.99	+ 2.8	7.7/08.3	93723
2007 EH ₁₄₇	2009 12 09.1	05 03.76 +28 00.1 20.4	-1.10	- 0.3	1.8/09.5	66277
2007 DA ₄₃	2009 12 09.1	05 03.83 +20 02.3 20.1	-1.14	- 2.3	1.2/08.9	66271
2004 LZ ₆	2009 12 09.1	05 03.88 +22 31.2 20.6	-1.13	+ 0.9	0.1/09.2	66173
2002 OQ ₅	2009 12 09.1	05 03.89 +29 24.5 19.7	-0.96	- 5.6	2.0/10.0	56876
2005 SA ₁₅₃	2009 12 09.1	05 03.90 +30 36.3 20.0	-1.24	+ 0.7	3.0/09.6	66212
2005 XR ₁₁₆	2009 12 09.1	05 03.99 +14 39.1 20.0	-1.04	+ 2.5	2.8/08.9	66239
2003 VA ₂	2009 12 09.1	05 03.99 +31 27.7 19.2	-0.98	- 4.8	2.6/10.2	47277
2009 VJ ₆₉	2009 12 09.1	05 04.01 +27 20.4 18.5	-1.08	+ 3.3	1.8/09.3	65999
2007 DO ₄₈	2009 12 09.1	05 04.03 +25 32.0 20.5	-1.18	- 1.8	1.1/09.4	66271
2009 SU ₃₃₉	2009 12 09.2	05 03.96 +15 40.8 18.4	-0.98	- 7.5	3.1/08.2	65819
2004 NT ₂₂	2009 12 09.2	05 04.00 +24 25.7 20.7	-1.06	- 2.4	0.5/09.4	40686
2004 TE ₃₅₄	2009 12 09.2	05 04.00 +27 36.8 20.4	-1.04	+ 1.4	1.6/09.4	65409
2006 HP ₁₀₅	2009 12 09.2	05 04.05 +09 51.3 19.6	-0.94	+ 3.1	4.2/08.8	66260
2003 SZ ₂₅₈	2009 12 09.2	05 04.06 +37 08.1 18.7	-1.07	+ 1.2	5.1/10.0	66158
2008 RY ₁₇	2009 12 09.2	05 04.09 +20 05.5 20.0	-0.92	- 2.4	0.9/09.0	66323
2005 TT ₄₃	2009 12 09.2	05 04.10 +11 26.9 20.4	-1.05	- 1.3	5.4/08.5	33463
2006 BV ₂₇	2009 12 09.2	05 04.12 +21 01.6 20.1	-0.99	- 0.7	0.6/09.1	47377
2006 GG ₄₉	2009 12 09.2	05 04.12 -11 27.9 21.4	-0.78	0.0	8.5/06.5	21856
2007 EK ₁₀₇	2009 12 09.2	05 04.14 +19 32.0 20.7	-1.16	+ 0.2	1.5/09.0	66275
2006 SF ₁₄₉	2009 12 09.2	05 04.15 -03 11.5 20.1	-0.99	- 6.6	14.5/05.6	12441
2005 TM ₂₁	2009 12 09.2	05 04.16 +23 57.1 20.0	-1.17	- 0.5	0.5/09.3	66215
2006 WV ₉₃	2009 12 09.2	05 04.16 +25 10.6 20.4	-1.16	- 0.6	1.0/09.4	66234
2007 GQ ₅₅	2009 12 09.2	05 04.19 +22 52.4 20.3	-1.05	+ 1.6	0.0/09.2	65560
2005 QY ₁₅₀	2009 12 09.2	05 04.24 +11 17.3 20.5	-1.09	- 1.6	4.5/08.4	66206
2003 QU ₂₇	2009 12 09.2	05 04.24 +27 17.9 19.4	-0.98	- 4.3	1.5/09.8	59702
2006 BG ₁₅₆	2009 12 09.2	05 04.25 -00 26.4 20.0	-0.89	+ 2.0	9.7/08.3	64290
2007 GJ ₅₄	2009 12 09.2	05 04.25 +16 29.6 20.0	-0.96	+ 0.1	2.1/08.9	66282

2007 DH ₅₇	2009 12 09.2	05 04.26 +14 35.6 20.1	-1.10	- 0.8	3.3/08.7	66271
2002 RF ₂₃₄	2009 12 09.2	05 04.27 +02 51.5 20.9	-0.82	- 0.9	5.8/07.6	00355
2004 TP ₉₁	2009 12 09.2	05 04.29 +25 36.9 20.1	-1.06	- 1.9	1.0/09.5	66184
2006 JB ₃₆	2009 12 09.2	05 04.30 +23 57.2 20.3	-0.91	+ 1.5	0.3/09.3	66261
2006 KT ₁₀₉	2009 12 09.2	05 04.34 +22 02.2 19.5	-0.88	- 3.3	0.3/09.2	66261
2005 WZ ₁₂₃	2009 12 09.2	05 04.35 +24 44.9 20.2	-1.16	- 0.7	0.8/09.4	66235
2008 SB ₈₈	2009 12 09.2	05 04.40 +20 49.5 19.5	-0.91	- 2.1	0.6/09.1	66326
2002 RM ₂₆₉	2009 12 09.2	05 04.41 +33 25.0 20.5	-0.97	- 1.3	3.1/10.2	47231
2001 WQ ₉₇	2009 12 09.2	05 04.44 -00 35.0 19.8	-0.96	- 3.1	9.7/07.1	64172
2005 UA ₄₀	2009 12 09.2	05 04.49 +23 18.9 20.4	-1.11	- 0.7	0.2/09.3	66219
2007 BQ ₅	2009 12 09.2	05 04.50 +24 30.9 19.4	-1.22	+ 0.6	0.8/09.4	66266
2008 TV ₇	2009 12 09.3	05 04.41 +06 02.8 21.0	-0.79	- 1.7	4.5/07.9	50376
2003 OG ₂₉	2009 12 09.3	05 04.43 +26 14.3 21.0	-0.97	- 1.1	1.0/09.6	48893
2007 EF ₁₁₆	2009 12 09.3	05 04.49 +30 16.3 20.8	-1.27	+ 1.3	3.0/09.6	20855
2005 BL ₂₄	2009 12 09.3	05 04.51 +20 34.3 19.0	-0.91	- 0.6	0.8/09.2	66195
2002 CL ₁₄₃	2009 12 09.3	05 04.54 +08 00.0 20.2	-0.96	+ 0.1	5.1/08.4	20761
2005 SX ₆	2009 12 09.3	05 04.59 +23 18.0 19.9	-1.09	- 2.2	0.2/09.4	65440
2001 VU ₁₂	2009 12 09.3	05 04.64 +50 14.7 19.4	-2.22	+13.4	14.4/07.5	37942
2008 QV ₁₀	2009 12 09.3	05 04.66 +00 36.1 20.2	-0.81	- 1.2	6.6/07.6	58609
2004 GQ ₂₈	2009 12 09.3	05 04.67 +13 50.7 19.7	-1.11	- 3.3	3.9/08.5	66171
2000 HB ₉₄	2009 12 09.3	05 04.67 +26 08.4 20.0	-1.15	+ 0.2	1.3/09.5	66093
2003 UM ₂₂₈	2009 12 09.3	05 04.68 +32 09.0 19.3	-1.03	+ 1.7	3.3/09.8	58827
2005 QT ₁₇₉	2009 12 09.3	05 04.69 +21 28.0 20.6	-1.18	- 0.1	0.5/09.3	39764
2006 AD ₄₇	2009 12 09.3	05 04.70 +25 40.7 20.6	-1.07	- 0.1	1.0/09.5	66247
2005 SK ₂₁₄	2009 12 09.3	05 04.77 +26 25.3 20.0	-1.21	- 4.1	1.3/09.7	66213
1999 RR ₁₈₉	2009 12 09.3	05 04.78 +47 13.0 19.2	-1.33	+ 0.1	9.0/11.4	59649
2005 EO ₈₉	2009 12 09.3	05 04.79 -17 58.5 19.5	-0.82	+ 1.4	13.6/06.4	47344
2005 TK ₁₂	2009 12 09.3	05 04.80 +23 18.9 19.7	-1.13	- 0.2	0.2/09.4	97848
2006 BF ₂₁₅	2009 12 09.3	05 04.80 +09 04.8 19.9	-0.95	+ 0.7	5.3/08.6	47384
2004 RX ₅₉	2009 12 09.3	05 04.81 +44 24.6 20.2	-1.30	- 2.2	8.4/11.7	74331
2000 UX ₃₃	2009 12 09.3	05 04.83 +44 46.6 19.0	-1.48	+ 6.3	8.4/09.3	64157
2006 DZ ₁₅₁	2009 12 09.3	05 04.87 +11 01.8 20.8	-0.86	- 2.1	3.9/08.4	66257
2002 YA ₅	2009 12 09.3	05 04.88 +45 49.6 17.3	-1.88	+20.7	12.5/06.2	66146
2002 AF ₇₅	2009 12 09.3	05 04.89 +19 37.9 19.4	-1.08	+ 2.6	1.3/09.3	66123
2007 HP ₃₅	2009 12 09.3	05 04.90 +26 20.2 20.9	-1.02	- 0.3	1.2/09.6	66283
2007 DD ₇₄	2009 12 09.3	05 04.93 +26 41.4 20.3	-1.15	- 1.3	1.9/09.7	66271
2005 TW ₁₅₇	2009 12 09.4	05 04.83 +27 50.4 21.7	-1.20	- 1.4	1.8/09.8	96048
2006 FG ₁₂	2009 12 09.4	05 04.84 +09 15.6 21.9	-0.80	- 1.3	3.4/08.3	47401
2005 UD ₄₆₄	2009 12 09.4	05 04.89 +23 31.7 19.9	-1.17	+ 1.7	0.3/09.4	66228
1994 RM ₂₆	2009 12 09.4	05 04.89 +19 50.9 20.4	-1.13	- 1.5	1.2/09.2	66081
2008 QJ ₆	2009 12 09.4	05 04.91 +21 36.6 19.5	-0.91	- 3.9	0.4/09.3	65592
2002 RU ₂₂₇	2009 12 09.4	05 05.08 +53 39.9 20.3	-1.29	- 0.7	8.7/12.1	58437
2005 YW ₂₆₆	2009 12 09.4	05 05.08 +27 57.5 18.8	-1.13	- 1.4	2.1/09.8	66246
2006 FD ₁₂	2009 12 09.4	05 05.08 +08 14.4 20.5	-0.83	- 1.2	4.7/08.3	57046
2003 HD ₂₂	2009 12 09.4	05 05.10 +30 37.1 20.3	-1.18	+ 2.8	2.6/09.7	66151
2006 AG ₄₅	2009 12 09.4	05 05.13 +14 38.8 19.3	-1.02	+ 0.5	3.5/09.0	66247
2005 WL ₁₇₇	2009 12 09.4	05 05.13 +29 44.9 19.0	-1.10	- 4.4	3.0/10.2	96570
2001 QG ₂₈₃	2009 12 09.4	05 05.19 +14 04.2 19.5	-1.11	- 5.7	3.3/08.5	66104
2004 TN ₁₂	2009 12 09.4	05 05.20 -11 11.8 20.1	-1.29	-13.7	17.2/03.0	73255
2000 SX ₃₀₃	2009 12 09.4	05 05.20 +34 12.7 18.9	-1.20	- 3.2	4.6/10.7	66097
2007 CZ ₅₃	2009 12 09.4	05 05.25 +18 22.1 20.7	-1.13	- 1.4	2.0/09.1	65543

2008 RN ₃	2009 12 09.4	05 05.25 +10 36.3 20.6	-0.89	- 2.0	3.8/08.4	66323
2005 CG ₃₂	2009 12 09.4	05 05.26 +01 14.2 20.3	-0.85	+ 2.3	8.0/08.6	04314
2009 VE ₇₁	2009 12 09.4	05 05.27 +25 39.7 19.9	-1.12	- 1.9	1.2/09.7	66000
2002 PN ₅₆	2009 12 09.4	05 05.28 +11 19.5 20.7	-1.16	- 0.7	4.5/08.8	39169
2005 MG ₂₃	2009 12 09.4	05 05.29 -08 20.6 20.1	-1.06	- 3.6	11.5/06.8	39215
2003 WH ₃₄	2009 12 09.4	05 05.30 +27 10.1 19.5	-0.92	- 1.0	1.5/09.8	65380
2001 TB ₁₇₈	2009 12 09.4	05 05.32 +31 48.0 19.1	-1.15	- 1.9	4.1/10.2	66110
2008 SY ₂₅₀	2009 12 09.4	05 05.33 +23 23.2 21.5	-0.88	- 1.0	0.1/09.5	58617
2001 TY ₁₄₀	2009 12 09.5	05 05.27 +19 55.8 20.2	-1.14	- 0.1	1.2/09.3	58415
2005 ND ₉₅	2009 12 09.5	05 05.30 +16 56.5 21.9	-1.17	- 0.6	2.3/09.1	40692
2006 DG ₅₈	2009 12 09.5	05 05.30 +37 17.3 20.3	-1.03	- 1.0	4.3/10.7	48994
2006 BT ₈₀	2009 12 09.5	05 05.31 +00 24.5 19.9	-0.90	+ 1.3	7.9/08.3	66250
2007 EF ₄₄	2009 12 09.5	05 05.32 +06 30.7 20.6	-1.01	- 2.7	6.3/08.0	22880
2002 GC ₁₆₁	2009 12 09.5	05 05.35 +14 39.7 20.2	-0.99	+ 0.5	2.8/09.0	66132
2003 UZ ₂₈₉	2009 12 09.5	05 05.36 +21 12.8 19.4	-0.90	- 0.4	0.6/09.4	66163
2006 BW ₂₇₈	2009 12 09.5	05 05.38 +17 21.4 20.3	-0.92	- 1.5	1.8/09.1	66253
2005 YV ₉₉	2009 12 09.5	05 05.40 +23 25.5 19.4	-1.07	+ 1.2	0.2/09.6	66242
2007 JJ ₄	2009 12 09.5	05 05.40 +15 09.6 20.0	-0.95	- 4.0	2.5/08.7	65566
2001 SO ₁₇₂	2009 12 09.5	05 05.40 +25 02.7 19.3	-1.11	- 1.4	1.0/09.7	66107
2008 GS ₃₈	2009 12 09.5	05 05.43 +12 35.9 20.5	-1.13	- 2.3	4.4/08.8	39057
2003 AV ₈₀	2009 12 09.5	05 05.43 +24 07.0 17.8	-1.49	+11.0	0.6/09.5	65354
2002 ED ₁₀₄	2009 12 09.5	05 05.43 +13 41.6 20.0	-1.06	+ 0.2	3.5/08.9	66130
2000 QF ₁₃₇	2009 12 09.5	05 05.45 +07 55.9 20.0	-0.97	- 3.2	5.1/08.2	62306
2007 EY ₂₀	2009 12 09.5	05 05.48 +29 03.3 21.2	-1.10	- 0.9	2.0/10.0	49017
2002 LW ₄₄	2009 12 09.5	05 05.51 +08 15.7 19.4	-0.94	+ 1.0	4.9/08.7	62348
2005 QK ₁₇₁	2009 12 09.5	05 05.53 +25 45.8 18.9	-1.17	- 4.0	1.2/09.8	66206
2005 UM ₁₉₆	2009 12 09.5	05 05.54 +24 06.4 20.6	-1.15	- 0.6	0.4/09.6	66223
2005 YM ₁₀₈	2009 12 09.5	05 05.55 +16 55.7 20.0	-1.04	+ 0.3	2.5/09.2	66242
2004 GK ₈	2009 12 09.5	05 05.58 +30 58.3 21.6	-1.24	0.0	3.1/10.0	11050
2004 RR ₇₈	2009 12 09.5	05 05.60 +16 44.2 20.7	-0.99	- 0.9	2.0/09.2	66177
2006 AQ ₃₉	2009 12 09.5	05 05.62 +08 10.8 19.9	-1.01	+ 3.7	5.7/09.2	21353
2003 RD ₇	2009 12 09.5	05 05.62 +34 43.7 19.5	-1.02	- 2.4	3.6/10.7	47255
2005 SQ ₁₄	2009 12 09.5	05 05.66 +27 28.2 19.7	-1.26	+ 2.3	2.0/09.7	95756
2005 US ₁₆₆	2009 12 09.5	05 05.73 +16 31.6 20.3	-1.08	- 3.8	2.6/09.0	66223
2007 DR ₉₈	2009 12 09.5	05 05.73 +20 18.2 20.7	-1.11	- 1.1	0.9/09.4	66272
2004 RG ₁₈₂	2009 12 09.5	05 05.80 +35 00.2 19.1	-1.13	- 2.5	5.0/10.8	95400
2002 PD ₈₁	2009 12 09.6	05 05.70 +13 26.5 19.6	-0.86	+ 1.1	2.8/09.1	66134
2007 FR ₃₆	2009 12 09.6	05 05.70 +01 22.5 21.0	-0.87	- 2.6	6.4/07.6	46525
2000 CO ₁₃₁	2009 12 09.6	05 05.71 +30 12.8 19.3	-1.21	- 2.7	3.4/10.2	17907
2003 DY ₁₇	2009 12 09.6	05 05.72 +18 43.0 20.5	-1.13	+ 0.8	1.6/09.4	66149
2006 BH ₃₉	2009 12 09.6	05 05.72 +24 19.5 19.9	-1.04	- 0.7	0.6/09.7	66249
2004 YW ₁₉	2009 12 09.6	05 05.74 +29 29.9 20.1	-0.94	- 3.1	2.1/10.3	66193
2006 HM ₇₄	2009 12 09.6	05 05.80 +25 43.3 20.2	-1.01	+ 2.0	1.0/09.7	66260
2007 HT ₆	2009 12 09.6	05 05.80 +19 12.1 21.3	-0.99	- 1.5	1.2/09.3	47430
2003 UR ₄₁	2009 12 09.6	05 05.81 +22 02.9 21.1	-0.92	- 1.2	0.2/09.6	47268
2006 DB ₃₁	2009 12 09.6	05 05.82 +26 16.1 20.0	-1.03	- 1.2	1.3/09.9	66255
2003 SN ₁₀₇	2009 12 09.6	05 05.84 +23 25.1 19.1	-0.92	- 2.7	0.2/09.7	66156
2003 SC ₁₄₁	2009 12 09.6	05 05.89 +21 45.2 17.9	-0.90	- 5.0	0.4/09.5	66156
2002 LF ₂₇	2009 12 09.6	05 05.91 +22 35.0 21.1	-0.88	- 1.8	0.1/09.6	58430
2007 DJ ₉₇	2009 12 09.6	05 05.94 +16 36.2 21.1	-1.13	- 1.9	2.5/09.1	66272
2000 RO ₁₉	2009 12 09.6	05 05.96 +34 46.9 18.6	-1.16	- 4.6	4.7/11.0	97389

2004 OF ₁₅	2009 12 09.6	05 05.98 +07 11.7 20.3	-1.00 + 2.0	6.1/09.2	09047
2007 EG ₁₈	2009 12 09.6	05 05.99 +20 16.1 20.0	-1.08 - 0.4	0.9/09.5	66273
2002 DL ₁₅	2009 12 09.6	05 06.0 +72 06.5 19.1	-2.39 - 9.3	21.7/27.4	62343
2004 PJ ₂₀	2009 12 09.6	05 06.01 +08 17.4 20.9	-1.01 + 1.4	5.0/09.0	66403
2005 UO ₃₆₈	2009 12 09.6	05 06.02 +23 51.5 20.1	-1.13 + 1.0	0.4/09.7	66226
2007 EL ₁₁₁	2009 12 09.6	05 06.02 +27 31.4 21.8	-1.05 - 0.4	1.5/10.0	20855
2000 AU ₂₂₃	2009 12 09.6	05 06.03 -03 26.3 20.5	-0.86 + 2.5	7.9/08.7	52046
2004 PJ ₉₄	2009 12 09.6	05 06.07 +20 59.2 20.4	-1.03 - 0.4	0.6/09.5	66175
2003 UJ ₁₁₆	2009 12 09.6	05 06.09 +39 58.2 20.3	-1.17 + 3.0	5.6/10.3	60352
2002 QT ₇₄	2009 12 09.6	05 06.12 +38 49.0 20.5	-1.06 0.0	5.1/10.7	48874
2004 TV ₅₉	2009 12 09.6	05 06.13 +31 21.3 19.7	-1.10 + 0.4	3.2/10.2	22778
2003 UC ₈	2009 12 09.6	05 06.14 -12 30.3 21.7	-1.09 - 9.6	17.0/02.5	56946
2005 AG ₅₅	2009 12 09.6	05 06.15 +13 58.1 19.2	-0.90 + 1.8	2.9/09.3	66194
2004 PC ₇₉	2009 12 09.6	05 06.15 +27 38.8 19.3	-1.09 - 4.0	1.8/10.2	97722
2001 SH ₁₆₆	2009 12 09.6	05 06.16 +23 21.8 19.3	-1.07 - 1.7	0.2/09.7	66107
2003 QG ₂	2009 12 09.6	05 06.16 +35 56.8 18.0	-1.17 -12.0	5.0/12.2	65358
2006 DX ₉₉	2009 12 09.6	05 06.17 +24 12.8 21.0	-0.98 - 0.3	0.5/09.8	03871
2009 WF ₄₀	2009 12 09.6	05 06.17 +25 30.8 20.2	-1.16 - 0.5	1.2/09.9	66014
2007 HM	2009 12 09.6	05 06.18 +11 14.5 21.0	-0.90 - 1.4	3.6/08.8	66282
2000 SR ₂₁₈	2009 12 09.6	05 06.21 -00 12.1 19.3	-0.97 0.0	8.9/08.7	66096
2008 RP ₆₉	2009 12 09.6	05 06.22 +18 34.7 20.4	-0.94 - 2.1	1.4/09.3	66324
2003 SX ₉₅	2009 12 09.6	05 06.24 +47 33.5 19.9	-1.25 - 0.3	7.8/11.9	47258
2004 RR ₃₃₅	2009 12 09.7	05 06.15 +21 45.4 19.6	-0.95 - 3.2	0.5/09.6	66181
2005 TN ₆₇	2009 12 09.7	05 06.17 +22 40.9 19.7	-1.08 - 3.1	0.1/09.7	66216
2000 UD ₁₉	2009 12 09.7	05 06.18 -06 17.5 18.8	-0.91 - 1.5	11.3/07.7	74039
2005 OM ₂₇	2009 12 09.7	05 06.20 +06 39.4 19.5	-1.04 - 1.1	7.8/08.8	66201
2002 YH ₂	2009 12 09.7	05 06.21 +58 37.0 18.7	-2.01 + 7.7	16.3/07.7	66146
2002 RM ₁₂₀	2009 12 09.7	05 06.22 +19 19.3 20.4	-1.21 0.0	1.3/09.5	66138
2001 TS ₅₂	2009 12 09.7	05 06.23 +20 27.0 19.5	-1.12 + 0.4	1.1/09.6	66109
2007 ES ₁₀₈	2009 12 09.7	05 06.25 +21 11.0 20.6	-1.00 - 0.5	0.5/09.6	46513
2002 BH ₁₁	2009 12 09.7	05 06.30 +39 07.4 19.7	-1.22 - 3.7	6.2/11.3	47198
2006 AE ₁₀	2009 12 09.7	05 06.32 +33 51.2 19.3	-1.13 - 5.7	4.5/11.1	60857
2008 LN ₁₇	2009 12 09.7	05 06.33 +25 35.3 21.5	-1.13 - 2.7	0.9/10.0	41699
2000 OJ ₃₆	2009 12 09.7	05 06.34 +19 55.6 19.6	-1.06 - 3.5	1.1/09.5	66130
2004 RQ ₃₀₈	2009 12 09.7	05 06.34 +28 44.7 20.4	-1.06 - 2.4	1.9/10.3	59738
2000 SD ₃₁₄	2009 12 09.7	05 06.35 +31 25.7 20.0	-1.17 - 7.3	3.3/10.9	97404
2005 MM ₃₀	2009 12 09.7	05 06.36 +17 32.0 19.2	-1.09 - 3.7	2.6/09.3	66199
2006 BC ₁₈₀	2009 12 09.7	05 06.36 +14 45.3 19.1	-0.95 + 0.5	2.9/09.3	66252
2005 ST ₆₅	2009 12 09.7	05 06.38 +23 25.0 20.0	-1.19 - 3.8	0.2/09.8	65442
2004 TA ₁₂₅	2009 12 09.7	05 06.44 +16 59.8 20.4	-0.97 - 2.6	2.1/09.3	66185
2006 HD ₂₂	2009 12 09.7	05 06.44 +18 41.7 19.6	-0.92 - 0.5	1.4/09.5	49003
2002 CX ₁₁	2009 12 09.7	05 06.45 -00 46.6 20.5	-1.08 - 2.8	8.8/06.9	19568
2005 YQ ₂₃₉	2009 12 09.7	05 06.46 +09 45.6 21.3	-1.02 + 1.6	4.7/09.1	96864
2007 CA ₁	2009 12 09.7	05 06.49 +14 15.4 20.7	-1.13 - 0.4	3.6/09.2	66268
1995 UK ₆₅	2009 12 09.7	05 06.49 +40 08.4 20.2	-1.23 + 1.7	5.8/10.5	19509
2003 BJ ₅₅	2009 12 09.7	05 06.50 +22 49.8 20.5	-1.14 - 0.3	0.0/09.8	66148
2002 YL ₂₈	2009 12 09.7	05 06.51 +31 27.8 18.2	-1.11 - 6.5	4.4/10.9	65352
2003 SB ₃₃₉	2009 12 09.7	05 06.56 +20 55.2 20.9	-0.92 + 0.1	0.6/09.7	65373
2004 RW ₁₅₂	2009 12 09.7	05 06.59 +12 35.9 20.9	-0.98 - 3.0	3.7/08.9	66178
2002 MJ ₁	2009 12 09.7	05 06.61 -17 07.0 20.2	-0.84 + 2.1	10.8/09.0	47217
2000 DQ ₉₁	2009 12 09.7	05 06.64 +46 35.2 19.7	-1.14 - 1.5	6.8/12.0	47143

2005 YQ ₁₄₃	2009 12 09.7	05 06.64 +20 29.9 19.9	-1.02 + 1.2	1.0/09.7	65501
2005 WB ₁₉₆	2009 12 09.7	05 06.64 +34 18.1 19.2	-1.13 - 5.3	4.4/11.1	98016
2004 SC ₂₃	2009 12 09.7	05 06.65 +24 27.2 19.5	-1.02 - 1.5	0.6/09.9	18096
2003 UN ₂₉₉	2009 12 09.8	05 06.58 +06 47.1 21.1	-0.84 - 2.9	5.0/08.4	47276
2002 RW ₂₄₃	2009 12 09.8	05 06.60 +36 23.1 20.5	-0.99 - 1.5	3.8/10.9	48878
2008 JA ₁₅	2009 12 09.8	05 06.62 +37 55.5 18.0	-2.28 +27.6	8.5/07.3	66319
2005 QH ₅₁	2009 12 09.8	05 06.63 +16 17.5 19.3	-1.14 + 1.4	2.7/09.6	66203
2005 QX ₁₄₅	2009 12 09.8	05 06.63 +28 33.0 18.7	-1.18 + 3.9	2.9/09.9	66206
2005 QU ₁₇	2009 12 09.8	05 06.67 +25 18.0 19.8	-1.19 - 0.6	1.0/10.0	66202
2007 BH ₇₉	2009 12 09.8	05 06.67 +19 32.8 21.8	-1.08 - 1.3	1.1/09.6	46502
2003 FL ₈₂	2009 12 09.8	05 06.68 -10 39.2 19.4	-0.93 - 2.8	12.3/06.4	59696
2003 CS ₁₂	2009 12 09.8	05 06.70 +32 27.5 19.3	-1.18 - 2.2	4.5/10.6	66149
2007 DM ₈₀	2009 12 09.8	05 06.77 +16 58.5 20.9	-1.09 - 0.8	2.2/09.4	55307
2002 JH ₄₁	2009 12 09.8	05 06.79 +27 23.3 19.7	-1.04 - 0.5	1.5/10.1	66132
2001 TC ₉₃	2009 12 09.8	05 06.82 +38 37.7 18.6	-1.17 - 0.8	7.8/11.0	97481
2008 HE ₂₁	2009 12 09.8	05 06.82 +12 09.5 19.7	-1.12 - 1.2	4.6/09.2	66318
2009 SY ₃₂₂	2009 12 09.8	05 06.83 +21 18.3 18.8	-1.01 + 0.1	0.8/09.8	66366
2005 CF ₂₄	2009 12 09.8	05 06.85 +29 56.8 19.9	-1.00 - 5.5	2.4/10.7	65421
2000 RQ ₃₄	2009 12 09.8	05 06.85 +25 04.7 19.4	-1.11 - 2.4	0.8/10.0	66095
2008 TW ₁₁	2009 12 09.8	05 06.85 +02 34.5 20.8	-0.79 - 2.3	5.8/08.0	50379
2005 SL ₂₁₅	2009 12 09.8	05 06.86 +22 28.0 18.4	-1.07 - 4.1	0.2/09.8	66213
2006 BS ₂₄₅	2009 12 09.8	05 06.87 +22 45.6 19.9	-1.00 - 0.5	0.0/09.8	66253
2001 XN ₆₁	2009 12 09.8	05 06.87 +17 45.6 18.7	-1.08 + 1.0	2.2/09.6	66118
2007 CJ ₂₃	2009 12 09.8	05 06.90 +14 14.9 19.6	-1.14 + 1.4	3.6/09.5	60886
2001 RP ₁₉	2009 12 09.8	05 06.93 +25 26.5 20.8	-1.19 - 1.4	1.0/10.0	10785
2002 VE ₈₄	2009 12 09.8	05 06.95 +08 10.3 17.0	-1.08 -20.3	7.4/06.3	65348
2006 BB ₁₂₆	2009 12 09.8	05 06.96 +19 27.9 20.0	-0.95 - 1.2	1.3/09.6	66251
2001 SL ₂₂₀	2009 12 09.8	05 07.00 +33 42.5 19.3	-1.24 + 0.6	4.5/10.4	57354
2008 TT ₄₈	2009 12 09.8	05 07.00 +23 50.0 21.0	-0.97 - 1.5	0.3/10.0	58929
2006 YU ₃₈	2009 12 09.8	05 07.01 +30 13.8 20.6	-1.25 - 2.4	3.5/10.5	18184
2002 GR ₇₅	2009 12 09.8	05 07.01 +33 42.1 22.5	-1.00 0.0	2.8/10.6	45944
2004 TU ₃₇	2009 12 09.8	05 07.01 +18 46.3 20.6	-0.97 - 1.7	1.3/09.6	54130
2000 SM ₃₄	2009 12 09.8	05 07.02 +01 29.1 19.9	-0.95 - 1.3	8.0/08.5	62307
2005 UE ₁₁₉	2009 12 09.8	05 07.06 +25 40.0 21.2	-1.17 - 1.2	1.0/10.1	49971
1998 QD ₂	2009 12 09.8	05 07.08 +43 42.0 20.1	-1.32 - 6.9	8.4/13.4	27606
2005 QM ₄₇	2009 12 09.8	05 07.09 +35 33.2 19.4	-1.22 + 0.3	6.4/10.7	97793
2005 XR ₈₁	2009 12 09.8	05 07.11 +26 17.2 19.9	-1.09 - 2.4	1.3/10.2	47365
2006 DF	2009 12 09.8	05 07.12 +23 28.9 19.3	-1.07 + 2.2	0.2/09.9	66254
2007 EA ₁₂₈	2009 12 09.9	05 07.02 +14 22.2 19.4	-0.99 - 1.4	4.4/09.3	17833
2005 UP ₂₉₆	2009 12 09.9	05 07.05 +14 50.0 19.5	-1.04 - 5.0	3.2/09.0	66225
2000 ST ₁₅	2009 12 09.9	05 07.05 +02 11.3 18.9	-0.91 - 4.2	8.8/07.6	66095
2008 DG ₇₀	2009 12 09.9	05 07.06 -13 14.1 20.1	-1.35 + 9.0	16.8/11.3	37759
2007 LR ₇	2009 12 09.9	05 07.15 +05 54.1 22.1	-0.79 + 0.6	4.3/09.0	21371
2003 UV ₁₁₂	2009 12 09.9	05 07.16 +27 06.6 18.6	-1.01 + 1.9	1.4/10.1	66162
2002 VY ₆₆	2009 12 09.9	05 07.22 +27 31.8 18.8	-1.17 - 3.5	2.4/10.4	66144
2004 HB ₃₆	2009 12 09.9	05 07.23 +15 20.6 20.9	-1.12 - 0.5	2.8/09.5	66172
2008 KL	2009 12 09.9	05 07.26 +21 58.5 20.4	-1.19 - 2.0	0.4/09.9	66320
2004 RY ₈₈	2009 12 09.9	05 07.27 +05 15.5 21.3	-0.98 - 1.3	5.9/08.9	40688
2003 FB ₉₁	2009 12 09.9	05 07.30 +38 59.1 20.7	-1.16 - 1.6	4.7/11.3	48890
2005 QQ ₁₃₅	2009 12 09.9	05 07.31 +13 13.8 21.0	-1.10 - 0.8	3.8/09.4	87126
2003 VU ₁₀	2009 12 09.9	05 07.37 +19 48.7 20.2	-0.88 - 1.0	1.0/09.7	66164

2005 OA ₈	2009 12 09.9	05 07.37 +14 30.2	20.9	-1.14	-	1.5	3.3/09.4	39759
2002 DM ₉	2009 12 09.9	05 07.38 +60 14.4	19.8	-1.63	-	0.3	8.8/13.3	48862
2003 GB ₄₄	2009 12 09.9	05 07.38 +05 29.5	21.2	-0.92	+	0.4	5.1/09.0	50761
2006 AM ₆₆	2009 12 09.9	05 07.46 +36 03.9	21.3	-1.10	-	3.8	3.9/11.3	96943
2004 RG ₇₃	2009 12 09.9	05 07.47 -02 45.4	20.7	-0.92	-	0.6	8.3/08.5	47304
2006 DW ₁₀₂	2009 12 09.9	05 07.49 +20 57.4	21.3	-0.89	-	0.9	0.6/09.9	47394
2007 EQ ₄₀	2009 12 09.9	05 07.56 +21 06.5	18.7	-1.09	-	2.4	0.7/09.9	66274
2009 WH ₄₁	2009 12 09.9	05 07.57 +26 48.6	19.5	-1.25	+	6.5	1.7/10.0	66014
2006 BX ₂₁₉	2009 12 10.0	05 07.48 +20 49.1	19.2	-1.11	+	1.0	0.8/09.9	66253
2005 YO ₆₀	2009 12 10.0	05 07.51 +29 21.5	20.6	-1.10	-	2.0	2.5/10.5	01172
2005 TN ₁₇₈	2009 12 10.0	05 07.51 +26 08.5	21.2	-1.19	-	0.2	1.5/10.2	56031
2002 BD ₅	2009 12 10.0	05 07.56 +21 22.7	19.1	-1.17	+	6.7	0.6/10.0	66125
2006 BR ₁₂₄	2009 12 10.0	05 07.58 +27 57.2	20.0	-1.02	-	1.5	1.9/10.4	66251
2003 UP ₃₆₉	2009 12 10.0	05 07.59 +30 20.0	20.3	-0.96	-	1.6	2.4/10.6	46092
2006 GK ₄₁	2009 12 10.0	05 07.59 +10 04.3	19.5	-0.86	-	2.8	4.1/08.8	47404
2004 RN ₁₄₂	2009 12 10.0	05 07.60 +29 32.6	21.2	-1.09	-	1.9	2.5/10.6	66178
2008 HN ₅₅	2009 12 10.0	05 07.63 +11 30.4	22.0	-1.06	-	4.1	3.9/09.0	40769
2004 TJ ₂₁₃	2009 12 10.0	05 07.65 +20 22.7	21.0	-0.99	-	1.3	0.8/09.9	40132
2004 MR ₂	2009 12 10.0	05 07.69 +51 06.5	18.6	-1.69	-12.9	10.2/16.3	66174	
2000 RK ₂₀	2009 12 10.0	05 07.69 +04 46.0	21.3	-0.98	-	1.9	6.1/08.8	39704
2005 UY ₉₂	2009 12 10.0	05 07.71 +25 44.5	20.4	-1.14	-	2.4	1.0/10.3	66221
2002 DY	2009 12 10.0	05 07.75 +43 33.0	21.4	-1.26	-	1.0	7.0/11.5	45937
2007 CA ₂₂	2009 12 10.0	05 07.76 +18 15.4	19.7	-1.15	+	2.5	2.3/09.9	65542
2004 NA ₂₁	2009 12 10.0	05 07.80 +19 47.8	19.9	-1.04	-	2.8	1.2/09.8	18075
2006 AC ₅₆	2009 12 10.0	05 07.83 +15 25.5	19.5	-1.00	+	4.4	3.2/09.7	66247
2005 YW ₁₇₈	2009 12 10.0	05 07.83 +30 38.3	20.3	-1.05	-	2.6	2.5/10.8	43249
2003 ES ₄₆	2009 12 10.0	05 07.85 +24 15.7	19.8	-1.16	+	1.2	0.5/10.1	66149
2005 NV ₈₉	2009 12 10.0	05 07.90 +18 25.3	21.3	-1.19	-	2.0	1.8/09.8	41185
2005 YM ₉₅	2009 12 10.0	05 07.92 +19 06.7	21.2	-1.01	-	1.2	1.5/09.8	66242
2006 BU ₁₈₆	2009 12 10.0	05 07.93 +45 57.5	20.0	-1.30	-	2.6	9.3/12.1	46390
2001 XG ₁₁₆	2009 12 10.0	05 07.93 +24 04.8	18.0	-1.07	+	4.4	0.6/10.1	66119
2008 HC ₄₃	2009 12 10.0	05 07.95 -05 58.5	21.0	-1.19	-10.7	13.4/05.0	40021	
2002 GZ ₁₀₄	2009 12 10.0	05 07.96 +23 09.5	20.8	-0.95	+	1.3	0.1/10.1	66131
2005 YZ ₁₁₃	2009 12 10.0	05 07.96 +25 19.2	20.3	-1.06	+	0.2	0.9/10.2	65499
2008 RB ₁₀₂	2009 12 10.0	05 07.97 +07 05.3	20.6	-0.84	-	1.1	4.7/08.9	46694
2001 WU ₇₀	2009 12 10.0	05 08.00 +20 32.6	20.3	-1.10	-	0.6	0.9/10.0	16186
2008 SK ₁₃₉	2009 12 10.1	05 07.91 +36 29.9	20.1	-1.06	-	0.1	4.3/11.0	50291
2005 UX ₂₄₂	2009 12 10.1	05 07.94 +25 30.6	19.0	-1.12	-	4.1	1.1/10.4	66224
2005 LZ ₅₁	2009 12 10.1	05 07.95 +25 08.4	20.5	-1.25	-	3.3	0.9/10.3	66198
2004 RG ₆₄	2009 12 10.1	05 07.96 +27 13.6	19.4	-1.06	-	1.8	1.7/10.5	66177
2007 HO ₅₃	2009 12 10.1	05 07.97 +22 30.8	19.1	-1.03	+	2.1	0.1/10.1	66284
2006 DR ₉₄	2009 12 10.1	05 07.98 +35 38.5	21.5	-0.99	-	0.4	3.6/11.0	49993
2004 RF ₂₇₃	2009 12 10.1	05 07.98 +13 50.4	20.9	-0.98	-	0.7	3.2/09.5	66180
2005 YG ₁₅₀	2009 12 10.1	05 07.99 +23 50.0	19.8	-1.05	+	0.3	0.4/10.2	66243
1997 BT ₆	2009 12 10.1	05 08.00 +35 06.3	20.5	-1.33	-	1.5	5.3/11.0	22363
2003 UZ ₅₇	2009 12 10.1	05 08.03 +21 04.3	19.7	-0.90	-	3.7	0.6/09.9	66161
2004 RQ ₃₄₀	2009 12 10.1	05 08.04 -19 00.8	19.5	-0.92	+	4.0	15.8/10.5	66181
2005 CJ ₄	2009 12 10.1	05 08.04 -01 03.4	18.5	-0.85	+	3.1	9.1/09.5	59749
2002 GJ ₅₈	2009 12 10.1	05 08.06 +34 06.3	19.6	-1.13	-	3.6	4.1/11.2	94734
2002 QF ₂₈	2009 12 10.1	05 08.06 +07 33.1	19.5	-1.09	0.0	7.3/09.4	66135	
2007 DU ₈₆	2009 12 10.1	05 08.06 +13 39.8	20.2	-1.05	-	0.6	3.3/09.6	66271

2008 RW ₂₈	2009 12 10.1	05 08.07 +22 20.0	21.8	-0.89	-	1.3	0.2/10.1	49039
2007 DW ₂	2009 12 10.1	05 08.07 +24 45.0	20.2	-1.18	+	0.1	0.7/10.2	66270
2003 SC ₁₁₇	2009 12 10.1	05 08.09 +18 51.3	18.8	-0.90	-	4.8	1.5/09.7	47258
2008 HG ₂₂	2009 12 10.1	05 08.14 +00 21.7	19.5	-1.01	+	1.5	9.5/09.7	66318
2005 UQ ₁₀₃	2009 12 10.1	05 08.17 +18 38.6	20.0	-1.05	-	1.7	1.9/09.8	66221
2002 QS ₁₄	2009 12 10.1	05 08.21 +27 37.1	20.0	-1.28	-	3.3	2.0/10.6	65332
2002 EK ₂₄	2009 12 10.1	05 08.22 +26 55.2	19.6	-1.05	-	1.1	1.6/10.4	66129
2004 NG ₁₄	2009 12 10.1	05 08.24 +22 01.5	20.4	-1.07	-	2.3	0.3/10.1	66174
1999 TQ ₂₃₁	2009 12 10.1	05 08.27 +15 27.3	20.1	-1.25	+	1.2	3.4/09.9	66088
2002 CF ₂₇₁	2009 12 10.1	05 08.32 +19 04.0	18.9	-1.02	+	1.2	1.7/10.0	66128
2003 SG ₅₈	2009 12 10.1	05 08.33 +12 51.5	19.1	-0.89	-	4.4	3.5/09.1	66155
2007 CM ₂₈	2009 12 10.1	05 08.33 +20 57.9	21.2	-1.10	-	1.4	0.7/10.0	43272
2005 WX ₁₀	2009 12 10.1	05 08.34 +21 34.5	20.6	-1.03	-	2.1	0.6/10.1	66231
2005 WJ ₁₈₄	2009 12 10.1	05 08.35 +39 07.1	18.3	-1.37	+	5.0	6.8/10.0	02261
2005 SA ₁₆	2009 12 10.1	05 08.37 +20 21.0	20.9	-1.17	-	2.2	1.1/10.0	37419
2006 EA ₅₇	2009 12 10.1	05 08.38 +10 08.6	19.5	-0.91	-	2.8	5.3/09.0	66258
2004 FD ₂₈	2009 12 10.1	05 08.38 -07 58.3	19.9	-1.03	-	5.1	11.1/06.3	47292
2005 RM ₄₈	2009 12 10.1	05 08.40 +12 16.3	20.1	-1.10	+	0.9	4.5/09.8	66208
2001 PN ₂₈	2009 12 10.2	05 08.35 +28 01.5	19.5	-1.23	-	1.3	2.1/10.6	66102
2007 DX ₃₇	2009 12 10.2	05 08.36 +26 15.4	21.0	-1.13	-	1.5	1.2/10.4	66271
2008 SC ₂₆₈	2009 12 10.2	05 08.39 +52 03.6	21.3	-1.28	+	1.0	7.2/12.1	53683
2000 QO ₂₀₀	2009 12 10.2	05 08.39 +17 08.5	19.4	-1.03	-	0.7	2.4/09.9	66094
2006 CC ₇	2009 12 10.2	05 08.45 +25 51.8	19.8	-1.01	-	2.3	1.1/10.5	66254
2001 RV ₃₁	2009 12 10.2	05 08.48 +18 05.8	20.2	-1.12	-	2.7	1.9/09.8	66104
2003 MJ ₁	2009 12 10.2	05 08.51 -18 29.7	21.4	-0.92	-	2.9	11.5/05.1	47250
2006 FF ₅₃	2009 12 10.2	05 08.52 +20 12.2	21.0	-0.85	-	1.5	0.8/10.0	66259
2007 DU ₅	2009 12 10.2	05 08.55 +12 38.1	20.9	-1.07	-	0.1	3.6/09.7	66270
2003 SM ₃₂	2009 12 10.2	05 08.62 +46 30.4	20.6	-1.28	+	1.3	7.7/11.8	42643
2003 US ₂₈₃	2009 12 10.2	05 08.62 +13 42.8	19.0	-0.92	-	8.1	3.0/09.0	66163
2002 PN ₁₀₃	2009 12 10.2	05 08.62 +14 34.6	21.0	-0.82	-	1.8	2.3/09.6	66134
2005 YN ₂₁₁	2009 12 10.2	05 08.64 -00 59.7	19.4	-0.93	-	3.5	10.1/08.0	66245
2005 QA ₃₉	2009 12 10.2	05 08.68 +23 45.7	19.6	-1.17	-	1.6	0.4/10.3	66203
1996 LJ ₃	2009 12 10.2	05 08.71 +09 17.0	19.4	-0.84	-	2.0	4.4/09.1	48462
2004 RK ₂₆₉	2009 12 10.2	05 08.75 +23 38.2	20.5	-1.04	-	1.6	0.3/10.3	47310
2004 RQ ₅₆	2009 12 10.2	05 08.77 +19 43.3	20.9	-1.01	-	2.0	1.1/10.0	66177
1998 UF ₁	2009 12 10.2	05 08.80 +25 24.9	17.1	-1.26	-22.9	1.2/10.9	66086	
2001 LH ₈	2009 12 10.2	05 08.82 +36 04.6	20.2	-1.29	-	4.2	4.8/11.7	58408
2008 QZ ₄₀	2009 12 10.2	05 08.83 +26 25.8	21.1	-1.15	-	1.6	1.2/10.5	66323
2003 UP ₁₂₉	2009 12 10.2	05 08.84 +36 26.6	19.5	-1.02	-	2.1	4.6/11.5	47271
2002 VA ₇₄	2009 12 10.2	05 08.85 +26 21.3	18.7	-1.22	+	4.0	1.7/10.3	65347
2005 YA ₁₁₀	2009 12 10.2	05 08.85 +18 34.6	19.3	-1.00	-	0.6	1.9/10.0	66242
2005 SX ₂₇₇	2009 12 10.2	05 08.87 +30 12.7	19.3	-1.05	-	4.5	2.9/11.1	02257
2007 CL ₄₄	2009 12 10.2	05 08.88 +12 52.2	19.3	-1.09	-	0.4	5.0/09.7	66269
2004 EG ₆₃	2009 12 10.3	05 08.78 +23 34.2	20.2	-1.17	-	2.3	0.3/10.4	66169
2007 DC ₂₈	2009 12 10.3	05 08.79 +36 36.3	19.9	-1.25	-	0.7	5.1/11.2	49016
2001 XA ₂₂₉	2009 12 10.3	05 08.80 +27 35.2	19.3	-1.13	-	1.3	1.7/10.6	66120
2006 DE ₁₉₅	2009 12 10.3	05 08.81 +09 55.9	19.6	-0.95	+	1.1	4.8/09.7	11163
1999 TR ₁₇₀	2009 12 10.3	05 08.82 +08 21.8	20.5	-0.88	-	2.6	4.3/09.1	59650
2004 TF ₃₃₄	2009 12 10.3	05 08.87 +23 10.6	20.0	-0.99	-	0.6	0.1/10.3	66188
2001 SG ₁₃₇	2009 12 10.3	05 08.89 +11 54.4	19.9	-1.04	-	2.2	4.6/09.5	66106
2006 GP ₄₈	2009 12 10.3	05 08.89 +39 58.0	20.1	-1.09	+	2.0	5.3/11.0	66259

2001 XJ ₉₆	2009 12 10.3	05 08.91 +24 06.3 18.6	-1.09	- 0.1	0.5/10.4	66118
2004 YP ₁₁	2009 12 10.3	05 08.92 +23 12.1 19.4	-0.94	- 0.6	0.1/10.3	66193
2002 ER ₄₈	2009 12 10.3	05 08.92 +09 09.6 19.8	-0.94	- 2.0	5.9/09.2	69284
2007 ES ₃₁	2009 12 10.3	05 08.94 +20 33.0 21.0	-1.15	- 0.3	0.9/10.2	17802
2006 CT ₂₂	2009 12 10.3	05 08.96 +41 59.8 20.6	-1.17	- 1.6	6.7/11.9	47387
2002 NQ ₆₂	2009 12 10.3	05 09.00 +24 37.9 21.1	-1.27	- 0.6	0.7/10.4	40106
2000 KR ₆₄	2009 12 10.3	05 09.02 +20 46.0 20.0	-1.15	+ 0.8	0.8/10.2	66093
1998 VZ ₄₂	2009 12 10.3	05 09.06 +29 35.5 19.8	-1.02	+ 1.5	2.5/10.6	01973
2007 HZ ₃₇	2009 12 10.3	05 09.07 +17 10.4 20.8	-1.04	- 0.5	2.1/10.0	43282
2008 OM ₂₁	2009 12 10.3	05 09.08 +06 24.3 21.2	-0.82	- 0.2	4.9/09.4	46595
2005 UH ₁₄₈	2009 12 10.3	05 09.09 +19 30.6 20.6	-1.08	- 3.2	1.2/10.1	66222
2007 BN ₂₈	2009 12 10.3	05 09.10 +18 25.1 21.6	-1.14	- 0.3	1.7/10.1	47417
2007 JF ₁₇	2009 12 10.3	05 09.10 +20 24.8 19.5	-0.93	- 0.3	0.8/10.2	66285
2004 FH ₆₄	2009 12 10.3	05 09.12 +27 03.2 20.2	-1.21	+ 0.2	1.6/10.6	66170
2006 FS ₁₈	2009 12 10.3	05 09.13 +02 27.6 21.1	-0.80	- 2.7	5.8/08.4	53489
2005 QD ₈₃	2009 12 10.3	05 09.15 +12 04.4 20.3	-1.10	- 1.3	4.8/09.7	18117
2003 SM ₂₂₆	2009 12 10.3	05 09.17 +09 08.5 19.4	-0.84	- 2.1	4.6/09.2	47262
1998 HN ₁₁₈	2009 12 10.3	05 09.17 +04 50.9 21.0	-0.92	- 0.2	5.5/09.2	21291
2002 QW ₃₂	2009 12 10.3	05 09.21 +36 12.9 20.4	-0.96	- 1.0	3.5/11.4	47224
2005 WL ₁₇₆	2009 12 10.3	05 09.22 +25 11.8 20.3	-1.08	+ 0.4	0.9/10.5	65485
2002 CY ₅	2009 12 10.3	05 09.26 +09 49.7 19.1	-0.95	- 1.0	5.9/09.4	66125
2008 TB ₃	2009 12 10.3	05 09.26 +21 50.9 19.4	-0.94	- 3.7	0.4/10.3	65620
2005 TF ₇₉	2009 12 10.3	05 09.26 +23 53.5 20.0	-1.05	- 1.0	0.5/10.5	65454
1996 XT ₃	2009 12 10.3	05 09.26 +49 09.2 18.9	-2.21	+16.2	14.0/07.3	66083
2007 HF ₂₉	2009 12 10.3	05 09.28 +25 18.8 20.9	-1.17	- 0.2	1.0/10.5	58566
2006 DF ₁₆₅	2009 12 10.4	05 09.23 +07 33.0 21.5	-0.79	- 0.6	4.1/09.4	47396
2006 UB ₁₈₃	2009 12 10.4	05 09.25 -09 17.5 20.6	-1.19	- 6.9	14.5/06.3	53572
2006 AM ₂₇	2009 12 10.4	05 09.26 +20 24.2 20.9	-1.00	- 1.9	0.9/10.2	20834
2002 ND ₆₁	2009 12 10.4	05 09.27 +08 04.7 19.3	-0.88	+ 2.5	4.5/10.0	66133
2005 YM ₁₈₂	2009 12 10.4	05 09.31 +27 28.1 18.8	-1.11	- 6.6	1.8/11.0	96827
2001 QH ₂₆₅	2009 12 10.4	05 09.36 +13 29.8 19.8	-1.06	- 2.0	3.8/09.8	66104
2004 TQ ₁₂₂	2009 12 10.4	05 09.36 +15 09.4 20.0	-0.96	- 2.1	2.9/09.8	66185
2003 SF ₂₀₂	2009 12 10.4	05 09.41 +22 26.6 20.1	-0.93	- 1.8	0.2/10.4	97677
2000 RY ₃₁	2009 12 10.4	05 09.41 +45 06.2 19.5	-1.37	- 3.3	8.6/13.0	66095
2000 TT ₃₆	2009 12 10.4	05 09.41 +35 05.2 19.8	-1.24	+ 2.4	4.6/10.9	07886
2005 RX ₄₄	2009 12 10.4	05 09.44 +27 35.0 19.0	-1.21	+ 2.5	2.1/10.6	66208
2006 DK ₆₈	2009 12 10.4	05 09.47 +11 37.4 19.3	-0.95	+ 3.7	3.9/10.3	66255
2008 GW ₇₇	2009 12 10.4	05 09.48 +21 08.5 20.3	-1.25	+ 1.2	0.8/10.4	66317
2004 XH ₁₁₉	2009 12 10.4	05 09.48 +25 58.5 19.9	-0.94	- 2.1	1.0/10.7	66192
2002 QV ₁₁₂	2009 12 10.4	05 09.48 +02 06.3 20.3	-0.80	- 0.8	7.0/09.0	62352
2003 UM ₂₀₁	2009 12 10.4	05 09.50 +05 12.0 20.2	-0.83	- 3.9	5.7/08.7	58025
2002 RW ₈	2009 12 10.4	05 09.50 +43 28.4 20.7	-1.07	- 1.9	5.3/12.3	47227
2000 SZ ₃₆₃	2009 12 10.4	05 09.52 +46 20.3 19.4	-1.40	+ 0.8	9.0/11.9	66097
2006 EP ₁₈	2009 12 10.4	05 09.53 +40 21.1 21.3	-1.09	- 0.6	5.4/11.7	47399
2003 SZ ₂₆₃	2009 12 10.4	05 09.54 +34 54.0 19.6	-1.04	+ 0.5	3.8/11.1	59709
2002 TP ₅₁	2009 12 10.4	05 09.57 +31 27.5 19.3	-1.43	+ 1.5	4.2/10.9	65340
2005 OG ₉	2009 12 10.4	05 09.57 +28 03.8 20.3	-1.26	- 2.3	2.1/10.9	97787
2007 HO ₄	2009 12 10.4	05 09.58 +11 21.1 19.9	-0.93	- 1.2	4.2/09.7	66282
2004 RB ₁₉₅	2009 12 10.4	05 09.64 +04 04.8 20.1	-0.97	- 5.2	6.6/08.6	40688
2007 HN ₆	2009 12 10.4	05 09.64 +11 34.1 19.8	-0.97	- 2.9	4.1/09.5	66283
2005 YO ₁₁₈	2009 12 10.4	05 09.66 +26 47.9 20.4	-1.04	- 1.6	1.7/10.8	65499

2009 SG ₂₅₃	2009 12 10.4	05 09.73 +29 47.0 18.9	-1.11	+ 4.0	3.2/10.6	65788
2002 GM ₄₀	2009 12 10.4	05 09.78 +45 32.0 19.3	-1.32	- 0.1	8.9/11.8	47211
2006 GS ₅₀	2009 12 10.5	05 09.67 +31 50.8 19.7	-1.09	+ 3.9	2.6/10.6	26759
2007 CY ₅₂	2009 12 10.5	05 09.70 +26 05.6 20.0	-1.21	- 1.4	1.3/10.7	47419
2004 JU ₂₉	2009 12 10.5	05 09.71 +24 01.9 20.4	-1.14	+ 0.4	0.4/10.6	66173
2005 PM ₂₃	2009 12 10.5	05 09.76 +13 48.3 20.4	-1.14	+ 1.1	3.4/10.2	66202
2003 BN ₃₄	2009 12 10.5	05 09.76 +31 03.5 19.6	-1.20	- 3.5	3.5/11.2	41787
2003 UX ₉₃	2009 12 10.5	05 09.80 +35 33.2 19.8	-1.03	- 1.2	3.8/11.5	47270
2000 HA ₄₆	2009 12 10.5	05 09.82 +47 22.4 19.8	-2.02	+ 8.7	11.4/09.8	40087
2005 SG ₁₅₈	2009 12 10.5	05 09.82 +20 41.6 19.2	-1.05	- 2.6	1.1/10.3	66212
2007 ED ₁₄₂	2009 12 10.5	05 09.83 +30 06.2 18.5	-1.08	- 2.9	3.8/11.2	66276
2007 EJ ₁₄₁	2009 12 10.5	05 09.86 +30 31.7 18.7	-1.10	- 2.1	4.0/11.1	66276
2005 PD ₁	2009 12 10.5	05 09.91 +15 37.8 19.8	-1.14	+ 2.7	3.4/10.4	66202
2001 PY ₅₄	2009 12 10.5	05 09.91 +24 48.5 21.1	-1.15	- 2.2	0.7/10.7	66102
2005 SU ₂₁₃	2009 12 10.5	05 09.93 +31 42.4 19.4	-1.23	- 4.9	3.6/11.5	16312
2000 FD ₆₂	2009 12 10.5	05 09.94 +01 57.3 20.8	-0.79	- 1.1	5.6/08.8	60729
2007 NW ₂	2009 12 10.5	05 09.96 +14 50.7 20.0	-0.80	- 2.4	2.1/09.8	66287
2007 GM ₂₇	2009 12 10.5	05 09.98 +12 48.0 20.0	-0.95	- 4.1	3.4/09.5	66280
2008 QM ₆	2009 12 10.5	05 10.00 +04 04.6 20.2	-0.98	- 3.6	6.7/08.7	46609
2005 RR ₁₁	2009 12 10.5	05 10.00 +12 55.7 20.7	-1.12	- 0.8	4.1/10.0	66207
2004 NW ₁₅	2009 12 10.5	05 10.07 +20 05.1 20.2	-1.04	- 1.9	1.0/10.4	66174
2008 PC ₁	2009 12 10.5	05 10.10 +09 20.9 21.4	-1.05	+ 0.4	4.7/09.9	42984
2003 KX ₃	2009 12 10.5	05 10.10 +27 30.6 20.4	-1.01	- 2.8	1.3/11.0	66152
2007 CP ₆₀	2009 12 10.5	05 10.11 +28 29.2 18.6	-1.26	+ 3.9	2.8/10.6	65544
2004 TM ₉₁	2009 12 10.5	05 10.12 +30 35.5 19.9	-1.09	- 0.7	2.9/11.1	60815
2006 DG ₉₆	2009 12 10.5	05 10.13 +10 15.1 20.2	-0.86	- 1.9	4.3/09.6	48995
2006 HF ₉₈	2009 12 10.5	05 10.14 +32 36.7 21.2	-0.97	+ 1.0	2.9/11.1	47409
2007 CT ₁₄	2009 12 10.5	05 10.14 +19 33.6 21.2	-1.13	- 1.4	1.3/10.4	19697
2008 QM ₁₀	2009 12 10.5	05 10.15 +38 16.1 20.1	-1.04	- 1.5	4.6/11.9	46612
2004 UA ₇	2009 12 10.5	05 10.19 +22 38.7 19.2	-1.01	- 4.2	0.1/10.6	65410
2004 PQ ₅₈	2009 12 10.5	05 10.19 +23 58.2 20.6	-1.06	- 2.3	0.3/10.7	66175
2007 EJ ₁₂	2009 12 10.5	05 10.19 +27 09.1 20.2	-1.15	- 2.8	1.5/10.9	66273
2005 RY ₂₃	2009 12 10.5	05 10.20 +38 43.9 19.6	-1.26	- 3.1	7.2/12.2	95731
2003 FZ ₁₁₆	2009 12 10.5	05 10.25 +68 36.2 20.6	-2.22	+ 7.1	23.3/05.5	55964
2005 WK ₁₇₇	2009 12 10.6	05 10.10 +25 27.3 20.8	-1.08	+ 0.1	0.9/10.7	66236
2003 SE ₂₈₂	2009 12 10.6	05 10.10 +29 43.1 19.8	-0.98	- 4.4	2.3/11.3	47263
2001 YS ₁₆₁	2009 12 10.6	05 10.17 +36 09.2 19.0	-1.20	- 0.2	5.1/11.4	43142
2002 EE ₅₀	2009 12 10.6	05 10.20 +09 03.7 21.1	-0.91	- 1.1	4.3/09.6	47207
2003 WN ₆₃	2009 12 10.6	05 10.22 +20 06.7 19.7	-0.88	- 3.7	1.0/10.3	66165
2006 AY ₄₁	2009 12 10.6	05 10.22 +18 54.2 21.0	-0.99	- 1.3	1.6/10.3	42792
2005 TJ ₃₉	2009 12 10.6	05 10.23 +24 54.6 20.8	-1.18	- 0.4	0.7/10.7	14759
2007 FL ₄₅	2009 12 10.6	05 10.23 +31 44.5 22.0	-1.23	- 0.4	3.3/11.1	40462
2004 RH ₃₁₁	2009 12 10.6	05 10.23 +28 48.6 18.8	-1.07	+ 1.0	2.3/10.9	66181
2002 FW ₁₅	2009 12 10.6	05 10.26 +22 37.3 19.6	-1.03	+ 1.4	0.1/10.6	65325
2008 OT ₆	2009 12 10.6	05 10.30 +28 47.0 20.3	-0.96	- 3.3	1.7/11.2	50132
2000 SN ₁₂₉	2009 12 10.6	05 10.36 +39 54.8 19.8	-1.30	- 7.1	6.6/13.1	97397
2008 SK ₂₂₃	2009 12 10.6	05 10.40 +35 11.3 20.9	-0.98	- 1.1	3.6/11.6	46886
2009 WD ₈₀	2009 12 10.6	05 10.40 +28 20.9 19.7	-1.20	- 4.9	2.5/11.2	66020
2005 YH ₂₃₇	2009 12 10.6	05 10.44 +31 07.6 19.7	-1.10	- 5.2	2.8/11.6	43249
2003 OX ₃₁	2009 12 10.6	05 10.47 +31 02.1 19.6	-1.03	- 3.5	2.6/11.5	50950
2003 HX ₁₈	2009 12 10.6	05 10.47 +05 20.6 21.7	-0.95	- 2.3	5.8/09.2	47249

2003 TU ₁₇	2009 12 10.6	05 10.49 +18 46.4 19.2	-0.89	-	3.5	1.3/10.3	66160
2001 SC ₂₄₀	2009 12 10.6	05 10.52 +25 29.8 20.2	-1.17	-	0.2	1.0/10.8	66107
2007 EE ₃₈	2009 12 10.6	05 10.56 +19 38.5 20.1	-1.06	-	1.9	1.2/10.4	66273
2003 UX ₇₁	2009 12 10.6	05 10.57 +19 18.2 19.6	-0.91	-	2.5	1.3/10.4	66161
2004 LA ₁₃	2009 12 10.6	05 10.57 +19 16.5 20.3	-1.15	+	1.6	1.4/10.6	66173
2004 LA ₇	2009 12 10.6	05 10.58 +25 16.0 20.8	-1.14	+	0.1	0.8/10.8	40686
2007 EX ₁₃₇	2009 12 10.6	05 10.58 +37 31.9 20.8	-1.20	+	0.9	4.7/11.4	20856
2005 MO ₄₈	2009 12 10.6	05 10.59 +16 47.7 21.3	-1.16	-	2.3	2.4/10.2	41183
2003 TU ₁₆	2009 12 10.6	05 10.59 +20 17.0 19.3	-0.91	-	4.0	0.9/10.4	66160
2007 HN ₆₅	2009 12 10.7	05 10.54 +20 13.4 20.3	-1.03	+	1.2	0.9/10.6	66284
2006 JB ₇₂	2009 12 10.7	05 10.55 +13 59.9 20.9	-0.77	-	2.3	2.4/09.9	66261
2002 FF ₂₇	2009 12 10.7	05 10.57 +01 30.7 19.7	-0.96	+	1.8	8.2/09.8	21315
2001 UA ₇₃	2009 12 10.7	05 10.61 +25 53.8 19.2	-1.20	+	1.7	1.2/10.8	66112
2005 CG ₆₉	2009 12 10.7	05 10.69 +22 29.8 20.2	-0.91	-	1.1	0.2/10.7	66196
1998 WC ₃₆	2009 12 10.7	05 10.71 +25 57.3 20.1	-1.13	+	1.4	1.5/10.9	66086
2004 HS ₄₈	2009 12 10.7	05 10.71 +25 44.7 20.2	-1.18	-	3.7	1.0/11.0	66172
2006 BV ₁	2009 12 10.7	05 10.72 +29 38.6 19.6	-1.05	-	2.4	2.4/11.3	48986
2002 GJ ₂₃	2009 12 10.7	05 10.72 +02 28.7 19.8	-0.91	-	3.8	7.6/08.5	47211
2007 ES ₁₉₂	2009 12 10.7	05 10.72 +42 17.4 21.3	-1.26	-	0.1	6.2/12.0	74725
2006 DL ₂₅	2009 12 10.7	05 10.73 +19 28.7 20.8	-0.92	-	0.7	1.1/10.5	47390
2000 GU ₄₃	2009 12 10.7	05 10.75 +26 51.8 21.0	-1.15	-	0.7	1.4/11.0	43105
2000 SA ₁₃₈	2009 12 10.7	05 10.75 +01 41.5 19.3	-0.94	-	5.3	9.0/08.5	66096
2006 BM ₃₆	2009 12 10.7	05 10.78 +27 25.8 21.3	-1.00	-	0.6	1.4/11.0	57434
2001 SW ₁₃₉	2009 12 10.7	05 10.78 +26 26.0 20.9	-1.16	-	1.3	1.3/11.0	57354
2004 RM ₂₄₃	2009 12 10.7	05 10.88 +27 59.7 21.2	-1.08	-	0.7	1.8/11.1	65399
2004 PF ₂	2009 12 10.7	05 10.89 +42 46.4 19.8	-1.29	-	3.7	7.9/13.0	40686
2008 SB ₉₀	2009 12 10.7	05 10.89 +38 05.3 21.6	-1.02	-	0.7	3.9/11.9	46786
2002 RH ₁₁₃	2009 12 10.7	05 10.90 +40 22.2 20.1	-1.04	-	1.2	5.0/12.1	48876
2004 LJ ₁₂	2009 12 10.7	05 10.94 +11 48.6 20.5	-1.05	-	0.8	4.3/10.1	19613
2006 DT ₁₃₀	2009 12 10.7	05 10.94 +02 02.8 20.3	-0.83	+	0.5	6.2/09.7	02298
2003 FX ₁₀₇	2009 12 10.7	05 10.95 +24 18.1 20.9	-1.03	-	2.2	0.4/10.9	66151
2007 DM ₄	2009 12 10.7	05 10.96 +36 40.1 20.0	-1.30	-	1.7	5.7/11.7	59788
2005 YA ₁₂₆	2009 12 10.7	05 10.97 +29 17.6 20.4	-1.10	-	1.4	2.5/11.2	66243
2003 SK ₈₇	2009 12 10.7	05 11.01 +04 12.9 19.2	-0.85	+	0.4	6.9/09.9	66156
2003 QC ₉₉	2009 12 10.7	05 11.02 +03 12.8 18.3	-0.94	+	7.1	8.0/11.5	62447
2003 BM ₁₄	2009 12 10.7	05 11.02 +23 04.6 18.5	-1.09	-	4.2	0.1/10.8	66147
2005 QS ₃₃	2009 12 10.7	05 11.04 +23 09.2 19.9	-1.19	-	1.6	0.1/10.8	15833
2003 UL ₁₃₈	2009 12 10.8	05 10.98 +22 51.2 18.9	-0.93	+	1.0	0.0/10.8	66162
2000 SO ₃₄₀	2009 12 10.8	05 10.99 +16 37.2 20.4	-1.03	-	0.1	2.4/10.5	84613
2005 SA ₂₃₂	2009 12 10.8	05 11.03 +25 13.6 20.9	-1.17	-	1.1	0.9/11.0	95940
2004 EF ₃₁	2009 12 10.8	05 11.10 +20 18.7 19.7	-1.18	-	3.2	1.1/10.6	66169
2004 PK ₇₀	2009 12 10.8	05 11.11 +34 11.2 20.5	-1.18	-	3.1	3.7/11.8	47298
2007 JK ₁₆	2009 12 10.8	05 11.14 +08 13.5 20.4	-0.96	+	1.8	4.6/10.3	22890
2008 QU ₁₆	2009 12 10.8	05 11.17 +04 40.8 20.5	-0.82	-	0.8	5.6/09.6	46617
2005 WO ₆₄	2009 12 10.8	05 11.18 +19 19.1 19.3	-1.04	+	1.6	1.6/10.7	66233
2005 AC ₃₆	2009 12 10.8	05 11.21 +07 54.0 19.2	-0.85	+	1.0	4.8/10.1	66194
2004 NL ₂₂	2009 12 10.8	05 11.23 +27 42.8 20.0	-1.13	-	0.2	1.7/11.1	65388
2005 OB ₂₇	2009 12 10.8	05 11.24 +11 44.3 20.7	-1.10	-	1.7	4.7/10.1	40692
2006 BY ₁	2009 12 10.8	05 11.25 +18 41.5 19.9	-0.99	-	0.4	1.7/10.6	66248
2005 QE ₁	2009 12 10.8	05 11.26 +26 30.7 20.6	-1.23	-	2.0	1.4/11.1	66202
2005 SG ₂₅₄	2009 12 10.8	05 11.27 +32 47.1 20.5	-1.28	-	0.7	4.6/11.5	56030

2002 EW ₉₃	2009 12 10.8	05 11.28 +11 23.4 18.5	-0.89	+	0.8	5.8/10.3	66130
2004 RR ₁₆₅	2009 12 10.8	05 11.28 +05 40.2 18.5	-0.96	+	4.5	7.7/11.0	66179
2008 MY	2009 12 10.8	05 11.36 +22 41.2 20.5	-1.14	+	3.7	0.1/10.9	66321
2004 RN ₁₁₂	2009 12 10.8	05 11.37 +29 31.6 19.5	-1.10	-	6.0	2.2/11.7	41812
2005 TC ₇	2009 12 10.8	05 11.38 +19 46.7 20.6	-1.12	-	3.1	1.2/10.6	66215
2007 LN ₁₇	2009 12 10.8	05 11.39 +27 57.7 20.0	-1.01	+	1.3	1.6/11.1	65569
2001 OL ₇₇	2009 12 10.8	05 11.39 -04 35.7 19.3	-1.13	+	4.9	10.9/10.6	43121
2005 ON ₁₀	2009 12 10.8	05 11.41 +16 16.4 19.7	-1.17	+	2.4	2.9/10.7	66201
2004 FC ₁₂₆	2009 12 10.8	05 11.42 +27 57.1 20.5	-1.22	-	0.8	1.9/11.2	66171
2004 TU ₆₈	2009 12 10.8	05 11.42 +33 15.3 19.5	-1.19	+	1.6	4.1/11.4	74380
2007 EQ ₂₀	2009 12 10.8	05 11.43 +11 05.6 20.0	-1.05	-	0.3	5.1/10.2	41865
2000 DO ₁₀₀	2009 12 10.8	05 11.45 +26 13.2 19.7	-1.22	+	0.1	1.3/11.0	66092
2005 QU ₁₀₀	2009 12 10.8	05 11.47 +32 35.1 20.4	-1.29	-	3.0	3.8/11.7	18118
2001 SQ ₁₀₃	2009 12 10.8	05 11.49 +24 43.3 19.2	-1.05	-	1.7	0.9/11.0	66106
2003 UJ ₁₀₅	2009 12 10.8	05 11.49 +21 15.8 19.2	-0.92	-	6.3	0.6/10.7	66161
2004 EV ₅₇	2009 12 10.8	05 11.53 +31 41.6 21.1	-1.28	-	0.4	3.4/11.4	62387
2003 UW ₁₀₆	2009 12 10.9	05 11.46 +21 09.1 19.0	-0.89	-	4.2	0.6/10.7	66161
2005 QS ₉₁	2009 12 10.9	05 11.46 +23 00.4 20.5	-1.19	-	2.1	0.0/10.9	39223
2002 CO ₁₀₂	2009 12 10.9	05 11.47 +17 25.6 19.6	-1.00	-	0.4	2.0/10.6	66126
2001 RW ₁₅₅	2009 12 10.9	05 11.47 +12 34.1 19.6	-1.10	+	3.3	4.5/10.8	07983
2008 QT ₃₆	2009 12 10.9	05 11.48 +28 22.0 21.7	-0.96	-	1.6	1.6/11.3	46632
2006 EC ₅₈	2009 12 10.9	05 11.52 +07 44.5 20.0	-0.82	-	1.6	4.6/09.8	48999
2002 GD ₅₉	2009 12 10.9	05 11.52 +41 57.8 20.3	-1.27	+	2.2	6.6/11.5	97591
1995 SC ₂₄	2009 12 10.9	05 11.52 +17 40.1 20.8	-0.57	-	0.5	1.0/10.5	66082
2007 GD ₂₈	2009 12 10.9	05 11.55 +28 39.9 20.9	-1.09	+	1.3	1.9/11.2	65558
2002 TN ₃₁₀	2009 12 10.9	05 11.55 +18 38.1 21.6	-1.19	+	0.6	1.7/10.7	94862
2006 JK ₁₅	2009 12 10.9	05 11.55 +33 21.4 20.2	-1.02	+	1.4	3.2/11.3	57052
2005 ML ₂₁	2009 12 10.9	05 11.55 +11 00.9 20.8	-1.15	+	2.8	5.1/10.7	47351
2007 HN ₃₆	2009 12 10.9	05 11.57 +18 57.6 19.7	-0.96	-	2.8	1.4/10.6	57474
1998 SB ₄	2009 12 10.9	05 11.57 +08 30.0 19.5	-0.91	-	1.9	5.1/10.0	59647
2005 TE ₁₀₇	2009 12 10.9	05 11.60 +28 21.7 20.8	-1.21	-	0.2	1.9/11.2	66217
2007 DJ ₆₇	2009 12 10.9	05 11.64 +16 18.3 20.1	-1.08	+	0.2	2.8/10.6	22878
2000 BO ₉	2009 12 10.9	05 11.64 +04 38.1 21.0	-0.82	+	0.9	5.1/10.1	68640
2007 LX ₁₂	2009 12 10.9	05 11.65 +05 45.4 21.2	-0.87	-	0.5	5.4/09.9	21707
2007 BH ₂₄	2009 12 10.9	05 11.65 +17 08.4 19.8	-1.19	+	0.9	2.7/10.7	66266
2002 CA ₂₁₇	2009 12 10.9	05 11.66 +13 11.0 18.6	-0.86	+	2.3	5.2/10.6	66128
2006 AN ₁₄	2009 12 10.9	05 11.69 +30 31.5 19.0	-1.05	-	4.5	3.5/11.7	66246
2004 LL	2009 12 10.9	05 11.69 +21 32.6 21.3	-1.11	-	1.8	0.5/10.9	47294
2008 SP ₅₁	2009 12 10.9	05 11.69 +20 48.2 19.6	-0.89	-	2.1	0.7/10.8	60908
2000 GU ₂₀	2009 12 10.9	05 11.75 +34 58.1 19.4	-1.28	0.0	5.2	5.2/11.6	59654
2007 FJ ₁₈	2009 12 10.9	05 11.76 +03 14.6 21.7	-0.90	-	0.1	5.7/09.9	42880
2005 YF ₂₀₅	2009 12 10.9	05 11.76 +22 33.5 19.9	-1.04	0.0	0.2	0.2/10.9	66245
1997 GS ₁₅	2009 12 10.9	05 11.78 +28 47.5 20.6	-1.26	-	0.2	2.3/11.3	66083
2002 OA ₈	2009 12 10.9	05 11.79 +26 31.4 20.6	-0.91	-	1.8	1.0/11.2	66134
2005 XN ₁₁₅	2009 12 10.9	05 11.83 +24 41.9 19.8	-1.07	-	2.0	0.7/11.1	62467
2005 YZ ₄₆	2009 12 10.9	05 11.84 +11 39.9 19.4	-1.05	+	4.5	4.7/10.9	66241
2001 BC ₂₇	2009 12 10.9	05 11.85 +11 16.0 18.8	-0.95	+	2.0	4.9/10.6	66100
2001 QS ₆₇	2009 12 10.9	05 11.88 +32 36.2 18.9	-1.23	-	4.6	4.1/12.0	16157
2001 SA ₂₇₄	2009 12 10.9	05 11.89 +21 00.7 20.5	-1.05	-	1.4	0.9/10.9	84964
2002 QX ₁₂₉	2009 12 10.9	05 11.91 +22 29.7 22.4	-0.85	-	1.2	0.1/11.0	52068
2000 QJ ₃₄	2009 12 10.9	05 11.93 -10 43.6 19.0	-0.97	+	3.7	12.8/11.0	66094

2003 BX ₁₄	2009 12 10.9	05 11.94 +30 54.7 18.7	-1.13	-	1.1	4.0/11.5	66147
2007 CK ₆₄	2009 12 10.9	05 11.96 +16 33.2 19.9	-1.15	+	2.0	2.6/10.8	66269
2002 TE ₂₉₉	2009 12 10.9	05 11.97 +25 48.1 20.8	-1.26	-	1.7	1.2/11.2	65344
2006 QP ₁₄₂	2009 12 10.9	05 12.01 +43 40.6 18.7	-1.67	-13.5	10.5/15.0	60866	
2007 EV ₂₉	2009 12 11.0	05 11.85 +30 24.6 20.7	-1.21	+	0.2	3.0/11.4	66273
2002 AD ₆₈	2009 12 11.0	05 11.86 +38 14.9 19.1	-1.20	-	5.1	6.2/12.7	03282
2005 XO ₁₂	2009 12 11.0	05 11.88 +22 18.1 21.2	-1.11	-	0.6	0.2/11.0	03814
2004 PG ₁₀₄	2009 12 11.0	05 11.91 +44 30.3 20.7	-1.37	-	1.2	7.8/13.0	73031
2004 TS ₃₀₈	2009 12 11.0	05 11.94 +30 46.7 19.6	-1.08	-	0.7	3.0/11.5	20810
2006 BQ ₂₅₁	2009 12 11.0	05 11.96 +19 05.9 20.5	-0.94	-	0.7	1.3/10.8	66253
2005 WO ₁₇₇	2009 12 11.0	05 11.97 +30 41.3 20.1	-1.11	-	4.9	2.6/11.8	96570
2004 RM ₁₃₈	2009 12 11.0	05 11.99 +10 11.0 18.6	-0.98	-	6.4	5.0/09.5	66178
2002 CX ₃₂	2009 12 11.0	05 12.00 +27 09.8 19.0	-1.10	+	2.5	2.0/11.1	94574
2002 QY ₇₈	2009 12 11.0	05 12.01 +25 53.2 20.8	-1.25	-	1.5	1.3/11.2	65334
2005 ST ₉₁	2009 12 11.0	05 12.01 +22 07.2 20.8	-1.15	-	1.5	0.3/11.0	39768
2000 SL ₂₈₅	2009 12 11.0	05 12.02 +14 59.6 19.6	-1.01	-	4.2	2.9/10.3	66097
2003 SH ₃₄₂	2009 12 11.0	05 12.03 +22 47.7 21.5	-0.93	-	1.5	0.1/11.0	47265
2000 SY ₁₆	2009 12 11.0	05 12.04 +09 36.6 19.8	-0.98	-	3.4	4.7/09.9	59657
2006 BL ₁₄₉	2009 12 11.0	05 12.05 +03 10.6 19.8	-0.90	-	0.6	6.9/09.7	47382
2005 YJ ₅₅	2009 12 11.0	05 12.06 +38 57.5 19.2	-1.23	-	6.2	6.7/12.9	60855
2006 HB ₁₁₈	2009 12 11.0	05 12.08 +16 51.8 20.8	-0.93	+	2.7	1.8/10.9	57436
2004 RB ₅₅	2009 12 11.0	05 12.12 +41 26.9 20.4	-1.26	-	0.5	6.2/12.3	59731
2005 EE ₃	2009 12 11.0	05 12.13 +14 22.5 19.9	-0.86	+	0.2	2.8/10.6	66196
2004 XU ₁₆	2009 12 11.0	05 12.13 +28 18.7 20.2	-1.01	-	4.2	1.9/11.6	66190
2003 WH ₇₆	2009 12 11.0	05 12.14 +29 10.7 20.0	-0.94	-	3.0	1.9/11.6	66165
2003 UG ₁₈₃	2009 12 11.0	05 12.18 +41 04.0 18.6	-1.19	+	5.0	7.0/11.1	62379
2001 XC ₁₃₇	2009 12 11.0	05 12.22 +21 19.1 19.2	-1.10	0.0	0.6/11.0	66119	
2001 QD ₃₈	2009 12 11.0	05 12.25 +24 19.2 20.2	-1.16	-	1.9	0.5/11.2	66103
2008 SR ₅₄	2009 12 11.0	05 12.30 +13 37.5 21.5	-0.80	-	1.4	2.5/10.4	46757
2003 WL ₄₄	2009 12 11.0	05 12.30 +40 52.1 19.3	-1.08	-	0.8	6.0/12.4	62380
2004 RG ₈₀	2009 12 11.0	05 12.34 +13 40.9 21.2	-0.99	-	1.0	3.2/10.5	47304
2004 LN ₁₈	2009 12 11.0	05 12.38 +05 35.8 19.4	-1.02	+	1.5	6.3/10.6	40686
2005 PZ ₁	2009 12 11.0	05 12.41 +62 34.6 18.8	-1.90	-	4.7	20.6/22.1	65426
2008 NF ₂	2009 12 11.1	05 12.30 +26 22.6 19.7	-1.04	-	5.6	1.2/11.5	65591
2008 SG ₂₈₄	2009 12 11.1	05 12.33 +00 40.8 21.5	-0.79	-	2.5	5.8/09.3	65611
2005 WO ₈₈	2009 12 11.1	05 12.35 +09 48.5 18.8	-1.04	+	6.5	5.8/11.4	66233
2007 LS ₆	2009 12 11.1	05 12.35 +16 53.7 21.3	-0.85	+	0.5	1.7/10.8	21251
2008 RB ₁₀₄	2009 12 11.1	05 12.36 +23 13.0 20.5	-0.94	-	2.4	0.1/11.1	66324
2004 PU ₂₇	2009 12 11.1	05 12.38 +11 31.7 19.8	-1.04	+	3.1	4.2/11.0	59727
2003 SN ₁₅₄	2009 12 11.1	05 12.40 +05 01.8 19.7	-0.83	-	3.3	5.7/09.5	47260
2005 YT ₂₂₀	2009 12 11.1	05 12.42 +19 34.2 19.0	-1.10	+	4.7	1.3/11.1	66245
2006 BU ₁₉₈	2009 12 11.1	05 12.43 +37 04.9 19.4	-1.19	-	1.2	5.2/12.0	46392
2005 UV ₃₅₄	2009 12 11.1	05 12.43 +28 15.7 18.6	-1.12	-	5.0	2.4/11.7	66226
2005 SZ ₁₀₀	2009 12 11.1	05 12.43 +31 22.1 20.2	-1.24	-	1.7	3.2/11.7	14753
2008 SS ₃₆	2009 12 11.1	05 12.45 +36 13.1 20.5	-1.16	-	1.2	4.7/12.0	56133
2001 UL ₁₈	2009 12 11.1	05 12.50 +26 51.6 19.7	-1.14	+	1.5	1.7/11.3	66111
2008 MT	2009 12 11.1	05 12.51 +11 26.5 20.3	-1.01	+	2.5	3.7/10.9	47446
2005 SH ₁₁₇	2009 12 11.1	05 12.52 +15 18.5 19.3	-1.10	+	1.9	3.5/10.9	16309
2002 LN ₈	2009 12 11.1	05 12.52 +21 25.9 20.9	-0.90	+	0.5	0.4/11.1	48868
2004 RO ₁₇₆	2009 12 11.1	05 12.61 +33 28.1 20.3	-1.14	-	3.3	3.9/12.1	97737
2008 QX ₁₂	2009 12 11.1	05 12.61 +34 35.4 20.9	-1.14	-	1.8	3.9/12.0	47454

2004 TQ ₇₂	2009 12 11.1	05 12.67 +29 54.4 20.1	-1.08	+	0.5	2.5/11.5	65404
2005 EF ₂₀₂	2009 12 11.1	05 12.67 +40 35.8 19.2	-1.18	+	4.0	6.4/11.3	48971
2007 LX ₁₈	2009 12 11.1	05 12.71 +21 02.0 20.8	-0.88	-	3.3	0.5/11.0	65569
2000 CW ₁₄₀	2009 12 11.1	05 12.74 +25 59.6 20.4	-1.20	-	2.2	1.3/11.4	66091
2006 BK ₃	2009 12 11.1	05 12.74 +17 05.4 21.4	-0.95	+	0.1	1.9/10.9	20484
2003 SP ₄₂₇	2009 12 11.1	05 12.75 +02 29.7 20.8	-0.84	-	3.2	6.5/09.4	47266
2006 DB ₁₆₉	2009 12 11.1	05 12.75 +30 14.4 21.5	-0.96	-	0.2	2.0/11.6	47396
2004 PA ₁₀₀	2009 12 11.1	05 12.79 +46 23.3 20.6	-1.42	+	1.4	8.1/13.0	74319
2006 ED ₂₃	2009 12 11.1	05 12.81 +25 13.9 21.0	-0.96	-	0.6	0.7/11.3	42808
2007 DH ₃₅	2009 12 11.1	05 12.85 +32 49.3 20.7	-1.20	-	1.1	3.5/11.8	59788
2005 AN ₂₅	2009 12 11.2	05 12.74 +16 17.4 19.6	-0.91	+	1.2	2.3/10.9	77801
2000 EL ₉₈	2009 12 11.2	05 12.75 +09 11.3 20.4	-1.08	+	0.1	5.9/10.5	17909
2000 EO ₅₇	2009 12 11.2	05 12.78 +23 18.0 19.0	-0.97	-	1.3	0.1/11.2	66092
2003 SG ₁₃₂	2009 12 11.2	05 12.79 +08 46.2 20.1	-0.84	-	2.5	4.5/10.0	46042
2005 SP ₁₃₁	2009 12 11.2	05 12.80 +22 12.5 20.6	-1.14	-	1.8	0.3/11.2	58029
2002 QD ₄₈	2009 12 11.2	05 12.80 +29 36.2 21.0	-1.30	-	2.5	3.0/11.7	65333
2002 QL ₃₁	2009 12 11.2	05 12.80 +30 39.0 20.8	-0.93	-	0.7	2.1/11.7	47224
2001 OV ₁₅	2009 12 11.2	05 12.81 +23 24.8 18.6	-1.19	+	2.6	0.2/11.2	66102
2005 YK ₇	2009 12 11.2	05 12.83 +32 54.1 19.5	-1.08	-10.1	4.7/12.8	96664	
2003 BF ₃	2009 12 11.2	05 12.84 +26 36.9 18.8	-1.08	-	6.0	1.8/11.6	65354
2001 XR ₁₂₄	2009 12 11.2	05 12.87 +22 05.4 19.1	-1.14	+	1.8	0.4/11.2	66119
2004 XW ₁₆	2009 12 11.2	05 12.89 +20 47.6 18.5	-1.05	+	3.7	0.8/11.2	65412
2005 NS ₅₄	2009 12 11.2	05 12.89 +14 34.7 20.5	-1.14	+	0.1	3.7/10.8	40135
6201 P-L	2009 12 11.2	05 12.89 +21 54.8 19.9	-1.21	-	2.9	0.5/11.1	66428
2005 UE ₇₁	2009 12 11.2	05 12.90 +28 44.6 19.4	-1.24	-	3.1	2.2/11.7	66220
1999 TT ₇₅	2009 12 11.2	05 12.92 +30 57.3 19.5	-1.05	+	0.4	2.8/11.6	59375
2006 BW ₂₅	2009 12 11.2	05 12.93 +05 35.8 20.3	-0.97	+	1.3	6.5/10.4	03839
2007 LG ₃₂	2009 12 11.2	05 12.94 +28 03.7 19.8	-1.10	+	3.2	1.7/11.3	65569
2007 LW ₁₇	2009 12 11.2	05 12.94 +03 50.6 22.2	-0.83	+	0.3	5.4/10.2	21373
2001 OL ₁₀₀	2009 12 11.2	05 12.97 +18 22.5 20.1	-1.20	+	0.7	2.0/11.1	97444
2006 GS ₄₈	2009 12 11.2	05 12.98 +12 01.0 20.0	-0.81	-	3.0	3.2/10.3	47405
2004 RA ₃₂	2009 12 11.2	05 12.98 +52 08.2 21.6	-1.55	-	1.1	8.7/13.3	43207
2007 EU ₅₅	2009 12 11.2	05 13.01 +44 09.0 18.5	-1.43	+	0.3	8.9/13.0	66274
2004 TU ₆₅	2009 12 11.2	05 13.03 +30 30.6 19.6	-1.10	+	0.5	2.7/11.6	66184
2004 NT ₂	2009 12 11.2	05 13.05 +02 47.2 20.3	-0.98	+	1.7	7.1/10.7	76473
2005 KP ₁₃	2009 12 11.2	05 13.06 +24 46.3 19.9	-1.21	-	3.8	0.7/11.4	66198
2002 CK ₂₂₅	2009 12 11.2	05 13.07 +14 44.9 20.7	-0.95	-	1.0	2.8/10.7	57968
2006 GD ₂₁	2009 12 11.2	05 13.07 +19 51.5 21.3	-0.84	-	0.6	0.9/11.1	55222
2003 UG ₁₀	2009 12 11.2	05 13.08 +02 06.9 20.0	-0.90	-	6.9	6.8/08.7	20320
2008 SB ₁₆₂	2009 12 11.2	05 13.08 +37 37.4 20.5	-1.03	+	0.1	4.1/12.1	46850
2005 QH ₁₁₁	2009 12 11.2	05 13.15 +34 00.9 21.1	-1.30	-	1.6	4.3/12.1	90235
2004 FW ₁₂	2009 12 11.2	05 13.15 +16 15.5 19.9	-1.10	-	3.2	2.5/10.7	66170
2003 SA ₃₁₉	2009 12 11.2	05 13.16 +09 06.2 20.7	-0.87	-	2.4	4.7/10.1	47265
2004 TV ₁₅₇	2009 12 11.2	05 13.18 +24 24.4 19.5	-1.00	-	2.4	0.5/11.4	66185
2005 SD ₁₇	2009 12 11.2	05 13.20 +26 01.8 20.9	-1.19	-	1.7	1.2/11.5	18122
2003 TC ₁₇	2009 12 11.2	05 13.21 +32 39.1 19.4	-1.02	+	1.2	3.1/11.7	60789
2002 CO ₆₆	2009 12 11.2	05 13.25 +08 41.2 19.2	-1.02	+	3.4	5.9/11.0	66126
2000 XS ₅₀	2009 12 11.2	05 13.29 +38 45.7 18.4	-1.17	-	3.4	6.4/13.0	66099
2000 WU ₃₀	2009 12 11.3	05 13.19 +20 04.8 18.5	-1.10	+	3.9	1.1/11.3	66099
2001 QW ₂₂₆	2009 12 11.3	05 13.19 +24 12.8 19.5	-1.14	-	3.7	0.5/11.4	57352
2002 AP ₁₀₂	2009 12 11.3	05 13.20 +13 24.9 19.2	-1.06	+	5.4	4.3/11.3	21311

2001 RA ₈	2009 12 11.3	05 13.21 +32 23.5 19.9	-1.23	- 2.8	3.4/12.0	43124
2005 YO ₂₅₁	2009 12 11.3	05 13.22 +14 46.6 20.5	-0.97	- 0.3	3.1/10.9	47371
2005 QR ₁₃₅	2009 12 11.3	05 13.22 +10 53.8 20.5	-1.05	- 0.3	5.5/10.7	58507
2003 SM ₂₂₅	2009 12 11.3	05 13.26 +08 39.8 19.3	-0.84	- 1.8	4.8/10.3	41796
2004 XC ₁₇₄	2009 12 11.3	05 13.26 +17 10.7 19.6	-0.93	+ 2.3	1.8/11.2	66193
2001 XN ₁₂₄	2009 12 11.3	05 13.26 +16 42.6 19.5	-1.04	- 2.7	2.3/10.8	66119
2005 SZ ₁₆₆	2009 12 11.3	05 13.32 +49 45.0 19.9	-1.71	+ 3.8	10.3/12.0	97832
2008 RC ₄₄	2009 12 11.3	05 13.34 +21 23.1 22.1	-1.01	- 1.0	0.5/11.2	46663
2005 SH ₂₄₉	2009 12 11.3	05 13.36 +26 53.6 20.5	-1.20	- 0.7	1.6/11.5	66214
2002 PT ₆₆	2009 12 11.3	05 13.36 +03 32.9 19.7	-0.84	+ 2.0	5.8/10.8	41783
2004 RB ₂₉₃	2009 12 11.3	05 13.40 +33 38.2 19.5	-1.12	- 3.4	4.1/12.3	47310
2000 UD ₈₈	2009 12 11.3	05 13.41 +27 56.7 19.2	-1.11	+ 0.6	1.7/11.6	66098
2003 SQ ₄₃₀	2009 12 11.3	05 13.46 +36 35.3 20.6	-1.04	- 0.5	4.3/12.2	48904
2004 YA ₃₁	2009 12 11.3	05 13.47 +19 56.2 19.7	-0.90	+ 1.8	0.9/11.3	66193
2004 RU ₃₄₁	2009 12 11.3	05 13.47 +26 18.6 20.8	-1.08	- 1.7	1.1/11.6	47312
2005 RQ ₃	2009 12 11.3	05 13.49 +34 15.5 20.5	-1.28	- 1.3	4.3/12.1	18120
2004 XV ₁₀₉	2009 12 11.3	05 13.53 +04 40.7 19.7	-0.89	+ 4.1	5.2/11.2	60821
2002 QD ₁₁₅	2009 12 11.3	05 13.53 +38 45.3 20.7	-1.03	- 3.2	4.6/12.9	43160
2007 CJ ₆₀	2009 12 11.3	05 13.55 +11 37.7 19.9	-1.10	- 1.3	4.9/10.6	40708
2001 XZ ₆	2009 12 11.3	05 13.63 -14 06.2 18.4	-1.45	+25.1	20.2/20.4	64172
2002 NF ₅₉	2009 12 11.3	05 13.64 +04 54.0 20.8	-0.82	+ 1.4	4.9/10.7	21318
2004 XD ₈₀	2009 12 11.3	05 13.69 +40 21.3 19.4	-1.07	- 4.6	4.7/13.0	24449
2001 TX ₄₈	2009 12 11.3	05 13.75 +40 44.5 18.4	-1.67	-16.3	9.3/14.9	40173
2002 QA ₁₀₆	2009 12 11.4	05 13.63 +29 30.2 20.4	-1.34	+ 0.4	2.9/11.7	65335
2006 BZ ₁₁₁	2009 12 11.4	05 13.64 +23 46.3 18.8	-1.00	+ 0.2	0.4/11.4	66251
2001 SF ₈₆	2009 12 11.4	05 13.65 +22 27.2 20.7	-1.13	- 1.7	0.2/11.4	66106
2000 DC ₁₄	2009 12 11.4	05 13.79 +32 27.4 20.9	-1.23	- 1.8	3.5/12.1	47142
2005 SM ₂₇₈	2009 12 11.4	05 13.80 +27 39.3 20.1	-1.19	- 0.8	1.9/11.7	66215
2004 GH ₆₀	2009 12 11.4	05 13.82 +13 28.3 20.0	-1.14	- 2.1	4.3/10.7	15792
2007 EK ₄₁	2009 12 11.4	05 13.83 +27 34.0 19.7	-1.19	- 1.8	2.0/11.7	65550
2005 OW ₁₃	2009 12 11.4	05 13.84 +12 16.2 19.6	-1.08	- 2.5	5.0/10.7	95696
2005 SH ₈₀	2009 12 11.4	05 13.85 +19 49.9 19.6	-1.05	- 0.4	1.6/11.3	65443
2005 UC ₁₃	2009 12 11.4	05 13.85 +22 51.3 21.1	-1.15	- 1.7	0.1/11.4	66219
2005 UG ₁₅₁	2009 12 11.4	05 13.86 +28 55.0 19.6	-1.18	+ 0.7	2.3/11.7	66222
2005 TC ₂	2009 12 11.4	05 13.90 +42 29.8 20.1	-1.43	0.0	8.8/13.0	97846
2005 SJ ₁₄₆	2009 12 11.4	05 13.93 +34 52.4 19.9	-1.26	- 1.2	5.1/12.3	18127
2004 SP ₅₄	2009 12 11.4	05 13.94 +21 27.2 18.7	-1.02	+ 1.4	0.6/11.4	66182
2005 QD ₁₆₂	2009 12 11.4	05 13.97 +32 11.1 20.8	-1.31	- 0.2	3.5/12.0	40396
2001 UH ₄₁	2009 12 11.4	05 13.97 +23 50.7 19.5	-1.15	+ 0.8	0.4/11.5	66112
2007 GG ₂	2009 12 11.4	05 13.98 +23 51.1 19.9	-1.00	+ 0.2	0.3/11.5	66280
2001 UY ₂₅	2009 12 11.4	05 13.99 +32 18.3 18.0	-1.13	- 3.4	4.4/12.3	66112
2005 NM ₃₈	2009 12 11.4	05 14.00 +21 39.5 20.2	-1.17	- 2.3	0.6/11.4	87701
2005 VP ₁₂₉	2009 12 11.4	05 14.03 +11 00.9 20.2	-0.98	- 0.6	5.9/10.8	21613
2007 EV ₂₁₆	2009 12 11.4	05 14.07 +12 16.6 21.1	-0.98	+ 1.4	3.2/11.1	59792
2009 WH ₆₉	2009 12 11.4	05 14.08 +26 32.8 19.6	-1.08	- 7.2	1.5/11.9	66018
2004 KQ	2009 12 11.4	05 14.08 +29 37.3 20.6	-1.22	+ 1.0	2.4/11.7	66173
2001 QH ₁₉₅	2009 12 11.4	05 14.08 +20 04.6 19.5	-1.12	+ 0.7	1.4/11.4	66104
2008 RA ₄	2009 12 11.4	05 14.11 +37 12.1 20.9	-1.05	- 1.1	4.3/12.5	47460
2007 KQ ₃	2009 12 11.4	05 14.12 +14 45.3 20.5	-1.03	+ 2.5	2.8/11.3	21369
2002 TE ₂₁₄	2009 12 11.4	05 14.13 +12 39.6 20.4	-1.16	+ 0.8	4.4/11.1	40108
2007 EN ₆₃	2009 12 11.4	05 14.14 +30 53.0 20.3	-1.20	- 0.6	3.1/11.9	22881

2004 TZ ₃₅₅	2009 12 11.5	05 14.09 +22 23.1 19.0	-1.05	+ 3.0	0.2/11.5	65409
2007 MP ₁₃	2009 12 11.5	05 14.16 +12 22.6 20.6	-0.98	0.0	3.6/11.0	41876
2007 HF ₉₁	2009 12 11.5	05 14.19 +26 48.4 20.1	-1.07	+ 0.4	1.4/11.7	65565
2002 AE ₁	2009 12 11.5	05 14.21 +10 12.4 18.0	-0.97	- 6.1	5.8/10.1	66122
2002 GH ₆₂	2009 12 11.5	05 14.21 +04 34.4 20.2	-0.92	- 4.0	6.7/09.6	45943
2006 BH ₁₂₉	2009 12 11.5	05 14.22 +16 57.3 19.8	-0.96	- 0.2	2.1/11.2	66251
2006 AX ₇₇	2009 12 11.5	05 14.22 +11 54.0 19.5	-0.97	+ 1.5	4.0/11.1	66248
2000 RT ₁₉	2009 12 11.5	05 14.29 +20 00.3 20.7	-1.09	- 2.6	1.1/11.3	66094
2006 AF ₁₅	2009 12 11.5	05 14.30 +28 37.3 20.2	-1.05	- 3.1	2.0/12.0	65506
2003 UB ₁₆₁	2009 12 11.5	05 14.34 +14 40.1 20.9	-0.86	- 2.7	2.6/10.9	56919
2001 SM ₁₆₃	2009 12 11.5	05 14.36 +08 54.1 19.2	-0.98	- 2.8	6.7/10.5	66107
2007 LV ₁₅	2009 12 11.5	05 14.37 +09 04.2 21.3	-0.96	+ 0.2	4.9/10.8	21253
2004 TO ₁₈₄	2009 12 11.5	05 14.37 +30 03.8 21.4	-1.08	- 1.2	2.4/12.0	18104
2002 TZ ₃₅₃	2009 12 11.5	05 14.37 +03 19.7 20.8	-0.78	- 1.8	5.2/10.0	47236
2005 AK ₈₂	2009 12 11.5	05 14.38 -01 17.4 20.0	-0.86	+ 3.4	7.5/11.3	53434
2005 YO ₄₄	2009 12 11.5	05 14.38 +14 18.5 19.8	-1.02	+ 2.1	3.4/11.3	19677
2000 EH ₂₇	2009 12 11.5	05 14.42 +20 49.5 20.0	-1.16	- 2.0	0.9/11.4	59654
2002 ES ₁₀₃	2009 12 11.5	05 14.45 +15 04.4 20.9	-0.97	- 0.9	2.8/11.1	47208
2008 TS ₃₇	2009 12 11.5	05 14.53 +20 43.8 20.9	-0.80	- 1.5	0.6/11.4	46931
2003 FW ₁₃₁	2009 12 11.5	05 14.56 +34 37.4 19.5	-1.21	+ 0.2	4.6/12.2	66151
2004 RZ ₁₄₈	2009 12 11.5	05 14.59 +06 09.2 20.3	-0.95	- 0.9	6.1/10.6	47306
2000 VZ ₅₄	2009 12 11.5	05 14.60 +36 23.7 18.7	-1.20	+ 3.8	5.9/11.8	66098
2007 GV ₅₁	2009 12 11.6	05 14.50 +27 26.8 19.2	-1.22	+ 3.0	2.0/11.7	21879
2004 JY ₃₂	2009 12 11.6	05 14.53 +17 26.5 20.0	-1.11	0.0	2.1/11.3	47294
2005 RP ₇	2009 12 11.6	05 14.55 +28 40.1 20.9	-1.25	- 1.4	2.2/12.0	97804
2009 WZ ₂₁₄	2009 12 11.6	05 14.56 +23 40.3 19.6	-1.22	- 0.7	0.3/11.6	66025
2005 WU ₁₃₃	2009 12 11.6	05 14.56 +23 59.1 20.2	-1.10	+ 0.4	0.4/11.7	66235
2004 PP ₅₁	2009 12 11.6	05 14.59 +06 22.2 20.7	-0.99	+ 1.9	5.8/11.2	76488
2008 OJ ₂₁	2009 12 11.6	05 14.59 +25 14.5 19.7	-0.98	- 0.9	0.8/11.8	66321
2004 TR ₆	2009 12 11.6	05 14.66 +18 02.6 20.2	-1.02	+ 0.3	1.6/11.4	66183
2002 RH ₂₅₈	2009 12 11.6	05 14.69 +22 53.6 20.5	-0.87	- 0.8	0.0/11.6	66139
2006 BQ ₉₄	2009 12 11.6	05 14.69 +21 33.8 20.7	-0.92	- 1.2	0.5/11.5	66250
2001 SJ ₁₂₆	2009 12 11.6	05 14.70 +31 23.5 20.8	-1.21	- 2.6	3.1/12.3	31181
2005 YY ₁₉₅	2009 12 11.6	05 14.75 +37 51.3 19.3	-1.23	- 8.4	5.5/13.7	98066
2004 TN ₂₂₅	2009 12 11.6	05 14.78 +24 02.7 20.9	-1.04	- 0.8	0.3/11.7	66186
2000 SO ₂₁₄	2009 12 11.6	05 14.83 +29 44.0 19.3	-1.11	- 1.2	2.7/12.1	66096
2007 HA ₂₂	2009 12 11.6	05 14.84 +23 58.4 21.5	-0.97	- 0.2	0.3/11.7	46541
2008 SA ₁₃₄	2009 12 11.6	05 14.85 +28 17.1 21.2	-1.08	- 1.8	1.7/12.0	56134
2004 PW ₇₉	2009 12 11.6	05 14.89 +42 14.9 20.4	-1.27	- 3.7	6.6/13.6	47299
2007 BZ ₆₅	2009 12 11.6	05 14.92 +18 29.6 21.2	-1.15	- 0.8	1.9/11.4	20847
1998 UO ₁₁	2009 12 11.6	05 14.93 +25 36.9 19.4	-1.13	+ 1.3	1.3/11.8	65301
2001 QG ₁₉₅	2009 12 11.6	05 14.98 +24 58.4 20.7	-1.17	- 0.9	0.7/11.8	00040
2004 TE ₂₈	2009 12 11.6	05 15.00 +30 06.5 20.1	-1.09	- 0.1	2.7/12.1	66183
2002 UE ₄₀	2009 12 11.6	05 15.03 +16 06.4 18.9	-1.14	+ 3.0	3.2/11.6	66143
2005 UO ₃₇₉	2009 12 11.7	05 14.94 +23 13.0 19.6	-1.07	+ 0.7	0.1/11.7	65468
2005 QT ₃	2009 12 11.7	05 14.97 +26 41.2 20.0	-1.21	- 2.1	1.7/12.0	90222
2007 EH ₁₆₆	2009 12 11.7	05 14.98 +11 58.3 20.3	-1.03	- 1.8	4.3/10.9	22883
1998 RU ₃₁	2009 12 11.7	05 15.00 +07 56.2 19.0	-0.88	- 2.3	6.2/10.7	59373
2003 SB ₂₉	2009 12 11.7	05 15.00 +28 36.6 18.9	-0.98	- 3.3	1.9/12.2	66155
2005 EG ₄₅	2009 12 11.7	05 15.02 +15 47.0 19.3	-0.89	- 0.8	2.6/11.2	87653
2006 JS ₃₇	2009 12 11.7	05 15.06 +09 46.3 20.4	-0.81	- 2.4	4.1/10.7	47411

2005 SX ₂₀₆	2009 12 11.7	05 15.09 +21 28.1 20.3	-1.06	-	1.5	0.8/11.6	65448
2005 UQ ₄₀₃	2009 12 11.7	05 15.09 +22 16.8 19.4	-1.13	+	0.1	0.3/11.7	66227
2005 LM ₄₈	2009 12 11.7	05 15.14 +26 46.3 20.7	-1.28	-	4.5	1.7/13.0	66198
2008 HT ₆₈	2009 12 11.7	05 15.15 +19 57.0 19.8	-1.22	+	2.4	1.4/11.7	66319
2001 LU ₁₇	2009 12 11.7	05 15.16 +23 21.6 20.0	-1.20	+	2.1	0.1/11.8	66102
2008 SP ₁₃	2009 12 11.7	05 15.19 +14 01.5 20.3	-0.93	-	0.7	3.2/11.2	46719
2005 UL ₂₈₃	2009 12 11.7	05 15.20 +21 35.3 20.0	-1.13	+	0.7	0.6/11.7	66225
2008 SP ₁₂	2009 12 11.7	05 15.20 -00 20.4 21.2	-0.89	-	0.7	7.3/10.4	57172
2007 GE ₆₁	2009 12 11.7	05 15.21 +21 46.1 20.4	-0.98	-	2.5	0.4/11.7	66282
2001 TD ₂₅₂	2009 12 11.7	05 15.22 +26 46.3 21.0	-1.17	+	0.8	1.4/11.9	66111
2006 BE ₂₄	2009 12 11.7	05 15.24 +19 30.5 19.0	-1.00	+	0.8	1.6/11.6	66249
2003 SF ₂₉₉	2009 12 11.7	05 15.25 +23 02.5 17.5	-0.96	-	6.3	0.0/11.8	66158
2005 YC ₂₆₅	2009 12 11.7	05 15.25 +22 39.0 19.7	-1.04	+	0.2	0.1/11.7	66246
2003 WH ₉	2009 12 11.7	05 15.26 +31 51.3 19.4	-0.99	-	3.0	2.9/12.5	47277
2004 TN ₃₀₃	2009 12 11.7	05 15.27 +25 09.0 19.6	-1.03	-	2.1	0.8/11.9	66187
1998 SS ₁₃₆	2009 12 11.7	05 15.27 +36 29.5 19.5	-1.39	+	2.0	5.6/12.2	60721
2006 XO ₆₅	2009 12 11.7	05 15.28 +35 24.5 19.2	-1.45	-10.1		4.7/13.5	58561
2005 UN ₁₅₂	2009 12 11.7	05 15.30 +18 39.5 20.0	-1.07	-	3.3	1.7/11.4	66222
2004 TV ₂₄₁	2009 12 11.7	05 15.30 +20 22.8 20.2	-1.01	-	5.4	0.9/11.5	66187
2002 PJ ₂₇	2009 12 11.7	05 15.31 +11 29.4 20.1	-1.16	+	1.4	5.5/11.5	40106
2005 AH ₃₂	2009 12 11.7	05 15.34 +19 52.8 18.6	-0.95	+	2.2	1.3/11.7	65419
2000 SS ₇₆	2009 12 11.7	05 15.36 +23 41.5 19.1	-1.12	+	0.9	0.2/11.8	66095
2004 VW ₂₉	2009 12 11.7	05 15.37 +28 21.9 20.3	-1.05	+	1.5	1.6/12.0	66189
2001 SC ₁₂₈	2009 12 11.7	05 15.39 +19 17.1 19.2	-1.06	-	1.7	1.7/11.5	66106
2005 RV ₂₁	2009 12 11.7	05 15.40 +26 54.5 20.6	-1.24	-	0.7	1.5/12.0	97805
2004 RR	2009 12 11.7	05 15.44 +47 05.8 19.1	-1.40	-	0.3	8.9/13.4	66176
2003 GQ ₄₃	2009 12 11.7	05 15.45 +12 59.1 20.2	-1.00	+	2.2	3.3/11.5	47248
2001 YA ₁₂₁	2009 12 11.7	05 15.46 +17 49.0 19.0	-1.08	+	4.8	2.2/11.8	66122
2001 UU ₇₁	2009 12 11.7	05 15.47 +31 15.7 19.1	-1.17	-	1.5	3.7/12.3	17964
2002 TH ₂₇₆	2009 12 11.7	05 15.49 +17 36.9 19.4	-1.19	-	3.4	2.4/11.4	66142
2006 AP ₃₆	2009 12 11.8	05 15.38 +26 31.7 20.7	-1.03	-	1.0	1.2/12.0	47373
2002 CM ₁₆₆	2009 12 11.8	05 15.40 +30 50.4 19.7	-1.16	-	0.1	3.3/12.2	97569
2008 SZ ₉	2009 12 11.8	05 15.40 +37 28.2 20.7	-1.03	-	0.9	4.4/12.8	50216
2000 QN ₁₀₁	2009 12 11.8	05 15.41 -02 42.6 19.7	-0.95	+	1.5	10.0/11.2	87392
2003 VJ ₇	2009 12 11.8	05 15.42 +25 02.3 20.6	-0.93	-	0.5	0.7/11.9	65379
2001 YX ₁₃₈	2009 12 11.8	05 15.43 +31 28.5 20.7	-1.15	-	6.4	3.2/12.8	94459
2001 UC ₅₉	2009 12 11.8	05 15.49 +05 21.4 21.4	-1.04	-	3.2	6.0/10.5	60297
2002 RV ₂₃₅	2009 12 11.8	05 15.50 +37 02.9 20.4	-1.00	-	1.3	4.3/12.8	47230
2003 HY ₅	2009 12 11.8	05 15.53 +12 53.7 19.6	-1.04	+	1.6	3.6/11.5	66151
2001 YQ ₁₂₄	2009 12 11.8	05 15.55 +28 55.5 18.4	-1.20	+	5.4	2.6/11.8	66122
2007 EF ₁₈₁	2009 12 11.8	05 15.56 +24 05.2 21.0	-1.12	-	1.5	0.4/11.9	66277
2001 SH ₁₄₀	2009 12 11.8	05 15.57 +18 10.3 19.1	-1.06	-	1.4	2.2/11.5	66107
2007 BE ₃₆	2009 12 11.8	05 15.59 +28 58.5 20.4	-1.26	-	3.1	2.6/12.3	65540
2004 RT ₅₃	2009 12 11.8	05 15.59 +18 30.0 20.8	-1.01	-	0.3	1.5/11.6	47303
2000 SL ₁₈₉	2009 12 11.8	05 15.59 +07 26.8 19.1	-0.96	-	4.8	6.4/10.4	66096
2005 UA ₃₁₇	2009 12 11.8	05 15.65 +66 54.3 21.1	-2.50	-	2.1	17.5/19.1	97937
1998 RD ₂₀	2009 12 11.8	05 15.68 +34 05.4 19.9	-1.36	-	0.9	4.5/13.0	39134
2008 KC ₃₄	2009 12 11.8	05 15.71 +26 21.8 21.0	-1.08	-	2.2	1.1/12.1	47446
2005 MK ₃₁	2009 12 11.8	05 15.71 +24 40.3 20.5	-1.23	-	2.5	0.7/12.0	66199
2007 BZ ₁₄	2009 12 11.8	05 15.71 +30 49.5 20.9	-1.24	-	2.0	3.0/12.4	43272
2000 SQ ₉₂	2009 12 11.8	05 15.73 +03 31.1 19.5	-0.96	-	4.1	7.6/10.2	17919

2002 CZ ₁₇₇	2009 12 11.8	05 15.76 +18 52.1 20.4	-1.01	-	0.4	1.5/11.6	43147
2002 PP ₄	2009 12 11.8	05 15.78 -05 07.6 19.6	-0.81	+	0.2	8.3/10.4	47219
1995 WR ₁₁	2009 12 11.8	05 15.80 +19 42.3 20.3	-1.00	+	1.5	1.3/11.8	66082
2007 FU ₁	2009 12 11.8	05 15.86 +12 06.4 19.7	-1.10	+	0.3	4.8/11.3	58087
2006 YE ₁₇	2009 12 11.8	05 15.88 +17 44.2 20.4	-1.16	+	1.1	2.1/11.7	66265
2006 FO ₄₂	2009 12 11.8	05 15.89 +24 14.2 19.7	-0.95	+	0.1	0.4/12.0	66258
2006 DJ ₁₂₅	2009 12 11.8	05 15.89 +37 57.1 20.2	-1.17	-	2.3	6.2/13.0	02297
2002 EF ₆	2009 12 11.8	05 15.90 -16 59.9 20.2	-0.96	+	2.6	13.3/10.3	20277
2006 GY ₂₀	2009 12 11.8	05 15.91 +32 09.5 19.9	-1.02	+	1.6	3.0/12.2	01572
2008 RU ₂₀	2009 12 11.9	05 15.82 +46 15.2 19.9	-1.19	-	0.9	7.2/13.5	50163
2004 RM ₂₂₇	2009 12 11.9	05 15.82 +27 16.8 19.9	-1.03	-	2.0	1.7/12.2	66180
2001 RG ₇₁	2009 12 11.9	05 15.82 +33 18.0 19.5	-1.23	-	1.6	4.0/13.0	60741
2002 PU ₁₁₈	2009 12 11.9	05 15.83 +14 19.1 20.2	-1.19	-	1.8	3.9/11.4	39169
2003 HG ₃₉	2009 12 11.9	05 15.85 +30 40.1 19.1	-1.17	+	1.7	2.9/12.1	66152
2006 FB ₉	2009 12 11.9	05 15.88 +21 52.2 21.2	-0.89	-	0.6	0.3/11.8	11165
2005 SR ₅₃	2009 12 11.9	05 15.89 +14 04.7 19.3	-1.05	-	4.2	4.1/11.1	66209
2006 BT ₁₇₂	2009 12 11.9	05 15.92 +03 42.6 19.5	-0.97	+	3.9	8.2/12.0	97104
2000 KD ₂	2009 12 11.9	05 15.95 -12 40.3 19.4	-1.07	+	2.2	13.8/10.0	43106
2004 RH ₁₆₇	2009 12 11.9	05 15.98 +31 43.5 20.8	-1.14	+	0.2	2.9/12.4	41812
2004 TT ₆₂	2009 12 11.9	05 15.99 +36 19.5 20.5	-1.16		0.0	5.0/13.0	74379
2006 BX ₁₈₉	2009 12 11.9	05 16.02 +23 32.8 20.1	-0.98		0.0	0.2/12.0	66252
2003 UT ₁₁₃	2009 12 11.9	05 16.06 +20 44.8 19.9	-0.96	+	1.9	0.8/11.9	55106
2005 YZ ₁₅₀	2009 12 11.9	05 16.06 +23 49.0 19.0	-1.06	+	1.2	0.3/12.0	66243
2004 TV ₃₅₅	2009 12 11.9	05 16.07 +19 37.1 19.8	-1.03	+	2.1	1.2/11.9	66188
2007 EJ ₃₄	2009 12 11.9	05 16.10 +44 16.4 19.8	-1.37	+	0.4	7.7/13.1	43275
2006 HH ₃₄	2009 12 11.9	05 16.13 +25 19.7 19.7	-0.98	+	0.1	0.8/12.1	66260
2003 TF ₅₉	2009 12 11.9	05 16.16 +30 49.9 20.3	-1.00	+	0.5	2.4/12.3	66160
2005 QG ₄₈	2009 12 11.9	05 16.17 +34 00.3 19.1	-1.28	+	1.6	5.1/12.3	19649
2004 PC ₁₀₃	2009 12 11.9	05 16.21 +05 07.6 19.3	-0.94	-	2.6	6.3/10.7	40127
2002 JY ₂₁	2009 12 11.9	05 16.23 +19 39.7 20.1	-0.90	+	1.0	0.9/11.8	66132
2008 RR ₅₆	2009 12 11.9	05 16.25 +04 14.0 20.1	-0.80	-	1.8	5.8/10.6	46667
2005 QK ₃₀	2009 12 11.9	05 16.31 +14 16.0 21.0	-1.15	-	0.1	3.5/11.6	39220
6798 P-L	2009 12 11.9	05 16.32 +34 47.7 19.1	-1.28	-	0.1	5.3/13.0	66428
2001 TW ₂₅₃	2009 12 11.9	05 16.33 +17 17.9 20.8	-1.09	+	0.2	2.1/11.7	90102
2002 RS ₁₄₁	2009 12 12.0	05 16.30 +22 42.5 18.7	-1.14	-	3.4	0.2/12.0	66138
2005 QD ₇	2009 12 12.0	05 16.32 +17 07.8 20.1	-1.15	-	0.4	2.5/11.7	40137
2005 QZ ₁₃₄	2009 12 12.0	05 16.33 +34 23.8 21.1	-1.29	-	1.1	5.0/13.0	33455
2003 UZ ₁₅	2009 12 12.0	05 16.34 +13 22.6 19.7	-0.85	-	2.0	3.3/11.3	41800
2005 QU ₇₄	2009 12 12.0	05 16.35 +22 49.9 19.7	-1.18	-	1.7	0.1/12.0	40138
2001 UO ₁₁₈	2009 12 12.0	05 16.39 +21 31.3 19.7	-1.11		0.0	0.6/12.0	66113
2004 RO ₆₆	2009 12 12.0	05 16.39 +36 50.4 19.6	-1.16	-	0.7	5.8/13.0	00755
2007 HN ₃	2009 12 12.0	05 16.44 +33 52.5 19.8	-1.19	+	1.2	4.0/12.4	24511
2001 QW ₂₈₀	2009 12 12.0	05 16.45 +35 50.2 18.8	-1.26	+	1.2	6.2/13.0	66104
2006 YZ ₂₉	2009 12 12.0	05 16.46 +27 14.6 19.5	-1.26	-	0.6	2.0/12.3	56087
2007 HA ₃₀	2009 12 12.0	05 16.47 +24 20.1 20.9	-1.04	-	0.4	0.4/12.1	47431
2003 UO ₁₄₈	2009 12 12.0	05 16.48 +26 36.3 19.4	-1.00	+	3.7	1.1/12.1	66162
2005 CK ₁₇	2009 12 12.0	05 16.54 +11 07.5 19.7	-0.85	+	0.6	3.9/11.5	47340
2005 QS ₁₇₇	2009 12 12.0	05 16.54 +29 44.8 20.9	-1.25	-	0.6	2.7/12.4	66206
2005 ER ₁₅₆	2009 12 12.0	05 16.57 +57 40.7 19.7	-2.15	-	0.3	15.9/14.2	39213
2004 RB ₁₄₇	2009 12 12.0	05 16.60 +36 06.8 20.5	-1.18	-	0.8	4.3/12.9	47306
2006 CH ₄₄	2009 12 12.0	05 16.62 +16 55.2 20.8	-0.99		0.0	2.2/11.8	41844

2001 QB ₁₆₂	2009 12 12.0	05 16.62 +25 42.3 19.2	-1.16	- 0.1	1.2/12.2	66103
2003 FK ₂₁	2009 12 12.0	05 16.66 +05 36.4 21.1	-0.96	- 1.1	5.8/11.0	47244
2006 DZ ₆₆	2009 12 12.0	05 16.71 +24 45.5 18.2	-0.96	- 5.9	0.8/12.3	66255
2005 SY ₁₈₇	2009 12 12.0	05 16.73 +20 08.9 20.3	-1.04	- 1.0	1.4/11.9	19654
2005 YN ₂₃	2009 12 12.0	05 16.73 +25 35.2 19.7	-1.05	- 3.8	1.3/13.0	65494
2005 SJ ₉	2009 12 12.0	05 16.73 +60 17.7 20.8	-2.01	- 3.4	13.8/16.5	38892
2007 FU ₂₃	2009 12 12.0	05 16.75 +28 36.9 19.2	-1.12	- 0.1	2.2/12.4	66279
2004 EQ ₁₂	2009 12 12.0	05 16.76 +33 14.8 20.6	-1.31	- 0.7	4.0/12.6	62386
2002 RD ₂₅₁	2009 12 12.0	05 16.76 +21 46.8 22.0	-1.24	- 1.4	0.5/12.0	00357
2004 RP ₁₇₆	2009 12 12.0	05 16.77 +16 34.3 18.0	-0.98	- 4.5	2.7/11.5	66179
2000 GO ₁₄₉	2009 12 12.1	05 16.72 +10 39.0 20.2	-0.84	- 1.1	3.9/11.3	48818
2007 HC ₁	2009 12 12.1	05 16.73 +03 38.0 20.8	-0.92	- 1.8	6.2/10.8	49020
2006 BB ₂₄₅	2009 12 12.1	05 16.74 +21 21.9 20.1	-0.98	0.0	0.6/12.0	66253
2008 JB ₂₉	2009 12 12.1	05 16.76 +44 25.3 20.7	-1.63	+ 4.1	7.9/13.0	41675
2006 HJ ₁₆	2009 12 12.1	05 16.77 +14 28.1 20.6	-0.87	- 1.1	3.1/11.6	47406
2005 TA ₁₇	2009 12 12.1	05 16.78 +26 39.7 20.4	-1.23	- 0.8	1.4/12.3	66215
2004 SV ₄	2009 12 12.1	05 16.79 +15 00.7 20.7	-0.98	- 2.3	2.8/11.6	73202
2005 WU ₈₉	2009 12 12.1	05 16.80 +14 36.4 19.0	-0.92	- 0.6	4.4/11.7	03803
2001 KV ₆₃	2009 12 12.1	05 16.81 +06 12.4 19.8	-0.87	+ 3.5	4.2/11.9	47167
2006 JJ ₅₀	2009 12 12.1	05 16.84 +23 29.6 21.0	-0.91	- 1.0	0.1/12.2	58529
1998 RU ₁₇	2009 12 12.1	05 16.88 +32 29.6 20.4	-1.31	- 2.6	3.5/13.0	90006
2007 ER ₁₆₉	2009 12 12.1	05 16.90 +21 18.1 20.8	-1.12	- 0.2	0.7/12.0	66277
2008 PQ ₃	2009 12 12.1	05 16.92 +16 36.3 19.2	-1.02	- 4.4	2.5/11.6	66321
2007 HP ₄₈	2009 12 12.1	05 16.93 +23 58.2 20.6	-1.03	+ 0.4	0.3/12.2	66284
2006 AN ₆₂	2009 12 12.1	05 16.99 +23 19.2 20.2	-1.05	+ 0.8	0.1/12.2	65508
2003 BC ₃₈	2009 12 12.1	05 17.00 +27 26.6 18.8	-1.13	- 0.8	2.2/12.4	66148
1999 TY ₃₃₅	2009 12 12.1	05 17.03 +30 18.5 20.5	-1.31	+ 0.3	3.5/13.0	66089
2005 XP ₃	2009 12 12.1	05 17.05 +27 57.6 19.0	-1.14	- 3.6	2.0/12.6	66237
2005 SO ₃₄	2009 12 12.1	05 17.05 +28 53.6 19.7	-1.20	+ 2.6	2.7/12.3	65441
1998 RG ₁₃	2009 12 12.1	05 17.05 +24 19.4 20.3	-0.95	- 0.7	0.4/12.2	66085
2004 PV ₁₁₂	2009 12 12.1	05 17.06 +06 28.1 19.2	-1.03	+ 4.2	6.6/12.1	43205
2005 SJ ₁₀₃	2009 12 12.1	05 17.07 +26 48.5 18.8	-1.06	- 1.1	1.9/12.4	66211
2006 BR ₂₇₇	2009 12 12.1	05 17.07 +15 44.8 20.1	-0.97	+ 0.4	2.6/11.9	58525
2002 AQ ₉₆	2009 12 12.1	05 17.10 +22 06.0 19.0	-1.05	+ 1.8	0.4/12.1	66123
2007 HQ ₁	2009 12 12.1	05 17.12 +07 39.9 21.9	-0.90	- 2.5	4.6/11.0	57125
2005 YG ₁₅	2009 12 12.1	05 17.13 +35 43.3 20.6	-1.12	- 3.9	4.1/13.3	98034
2000 GF ₃₀	2009 12 12.1	05 17.14 +20 27.6 21.0	-1.09	- 1.6	0.9/12.0	47144
2005 YA ₂₈₇	2009 12 12.1	05 17.16 +14 01.9 19.3	-1.02	+ 3.3	3.6/12.1	66246
2003 QD ₇₂	2009 12 12.1	05 17.18 +22 03.9 19.0	-0.96	+ 1.2	0.4/12.2	66154
2005 SP ₂₁	2009 12 12.1	05 17.19 -19 08.8 19.3	-1.06	+ 1.9	17.0/13.0	66208
2007 HQ ₄₁	2009 12 12.1	05 17.21 +23 21.1 19.9	-1.00	+ 1.9	0.1/12.2	66284
2002 AZ ₃₈	2009 12 12.1	05 17.21 +08 36.7 19.7	-0.98	+ 1.3	5.0/11.7	21310
2008 LD ₂	2009 12 12.1	05 17.22 +00 46.5 19.7	-1.18	-16.2	11.4/07.5	41692
2001 UX ₁₃	2009 12 12.2	05 17.15 +20 03.9 18.8	-0.80	+ 2.2	0.9/12.1	65317
2005 UP ₃₈₈	2009 12 12.2	05 17.15 +17 27.4 20.9	-1.12	- 2.0	2.1/11.8	96298
2005 NY ₉₇	2009 12 12.2	05 17.16 +08 02.1 19.6	-1.14	+ 2.4	6.5/12.1	66200
2003 UD ₉₂	2009 12 12.2	05 17.16 +20 05.5 19.6	-0.92	+ 1.2	1.0/12.1	43187
2002 CV ₃₀₂	2009 12 12.2	05 17.18 +21 22.2 17.8	-0.89	- 6.9	0.9/12.0	66128
2005 NR ₅₇	2009 12 12.2	05 17.22 +14 58.5 19.8	-1.13	- 2.8	3.7/11.7	40135
2002 QZ ₁₁₃	2009 12 12.2	05 17.22 +25 19.3 20.3	-0.89	- 2.8	0.7/12.4	66136
2005 YM ₁₃	2009 12 12.2	05 17.26 +16 57.6 19.1	-1.02	+ 1.8	2.5/12.1	66239

2002 VZ ₈₃	2009 12 12.2	05 17.27 +21 33.3 18.2	-1.19	+ 3.4	0.7/12.2	66144
2001 SA ₁₃₂	2009 12 12.2	05 17.29 +16 00.7 20.8	-1.07	- 1.4	2.4/11.8	47174
2003 SK ₃₁₅	2009 12 12.2	05 17.30 +05 26.9 19.3	-0.91	+ 3.7	6.1/12.3	66159
2005 RG ₂₅	2009 12 12.2	05 17.32 +22 13.9 19.6	-1.18	- 3.6	0.3/12.2	66207
2002 CP ₁₄₂	2009 12 12.2	05 17.35 +14 41.9 18.6	-1.00	- 0.6	3.5/11.8	66127
2413 T-3	2009 12 12.2	05 17.36 +16 58.8 19.7	-1.12	- 3.4	2.5/11.8	90385
2003 WQ ₁₄₈	2009 12 12.2	05 17.38 +24 45.2 18.4	-1.16	+ 8.9	0.6/12.2	66165
2003 QW ₁₁₄	2009 12 12.2	05 17.39 +28 38.8 20.8	-0.98	- 1.6	1.8/12.6	65361
2005 YE ₂₁₄	2009 12 12.2	05 17.40 +33 51.8 18.9	-1.26	+ 6.2	4.7/12.1	66245
2005 YH ₁₄₈	2009 12 12.2	05 17.43 +31 14.0 21.1	-1.13	- 1.8	2.8/12.8	43248
2001 UT ₂₂₁	2009 12 12.2	05 17.43 +22 22.5 19.3	-1.09	- 0.6	0.3/12.2	66113
2008 JU ₃₀	2009 12 12.2	05 17.46 +09 32.4 21.2	-1.11	- 1.0	5.3/11.6	40772
2005 SW ₁₈₃	2009 12 12.2	05 17.48 +36 26.4 19.7	-1.21	+ 0.4	6.5/13.0	17573
2004 ML ₈	2009 12 12.2	05 17.49 +04 43.6 20.2	-0.99	+ 1.7	6.5/11.8	09045
2001 FQ ₁₈₁	2009 12 12.2	05 17.53 +34 04.5 20.0	-1.35	- 0.6	4.7/13.0	87424
2005 AS ₅₃	2009 12 12.2	05 17.54 +07 55.9 20.6	-0.85	+ 0.3	4.8/11.5	77803
2004 JN ₃₁	2009 12 12.2	05 17.57 +16 58.8 20.2	-1.13	- 2.7	2.5/11.8	41806
2005 AS ₆₅	2009 12 12.2	05 17.58 +22 19.5 21.2	-0.96	- 1.2	0.3/12.2	66195
2004 RC ₁₅₈	2009 12 12.2	05 17.59 +27 29.5 20.1	-1.07	- 2.5	1.7/12.6	65396
2007 GQ ₅₇	2009 12 12.2	05 17.59 +01 47.3 20.9	-0.83	- 1.9	6.1/10.9	55322
2005 UF ₃₆	2009 12 12.2	05 17.65 +24 54.2 21.4	-1.14	- 0.4	0.7/12.4	26071
2007 EW ₁₁₆	2009 12 12.2	05 17.70 +37 48.8 20.1	-1.26	+ 2.9	5.5/12.6	21671
2000 HL ₂₀	2009 12 12.2	05 17.79 +54 27.4 18.2	-2.37	+21.4	17.7/06.3	66093
2002 NV ₅₇	2009 12 12.3	05 17.60 -00 13.5 22.0	-0.79	+ 0.8	6.2/11.5	66278
2006 HB ₇₄	2009 12 12.3	05 17.60 +12 19.6 21.3	-0.84	- 1.9	3.4/11.5	46471
2002 AK ₆₁	2009 12 12.3	05 17.66 +05 00.3 20.3	-0.96	+ 0.9	6.4/11.5	21310
2003 HZ ₃₈	2009 12 12.3	05 17.72 +37 15.3 20.3	-1.24	+ 1.9	4.9/12.7	20307
2006 AG ₂₆	2009 12 12.3	05 17.73 +17 49.5 20.2	-1.06	+ 2.8	2.2/12.2	11154
2004 RJ ₂₈₅	2009 12 12.3	05 17.74 +30 06.4 19.7	-1.08	- 0.4	3.1/13.0	65400
2004 XF ₁₇₉	2009 12 12.3	05 17.76 +19 09.2 19.7	-0.92	- 0.2	1.4/12.1	43227
1995 UR ₆₅	2009 12 12.3	05 17.80 +30 13.7 19.5	-1.14	+ 2.3	2.7/13.0	66082
2004 RN ₄₇	2009 12 12.3	05 17.82 +34 12.0 19.7	-1.19	- 1.6	4.0/13.2	66177
2005 YU ₂₃₉	2009 12 12.3	05 17.83 +18 15.5 20.7	-1.02	- 0.3	1.8/12.1	66245
2007 GC ₄₁	2009 12 12.3	05 17.84 +27 37.0 21.3	-1.06	- 0.1	1.5/12.6	66281
2002 PM ₅₅	2009 12 12.3	05 17.87 +31 05.9 20.2	-1.33	- 2.5	3.1/13.0	40675
2002 VA ₆₁	2009 12 12.3	05 17.88 +13 53.7 19.1	-0.81	- 4.6	2.7/11.4	48886
2002 PG ₈₇	2009 12 12.3	05 17.92 -09 05.7 20.7	-0.83	+ 1.9	8.5/11.3	38842
2007 GQ	2009 12 12.3	05 17.96 +34 11.8 20.3	-1.10	+ 0.3	3.5/13.0	47426
2002 TS ₃₅₂	2009 12 12.3	05 17.97 +14 58.4 20.8	-1.12	- 3.8	3.8/11.7	69408
2008 FE ₉₇	2009 12 12.3	05 17.98 +48 02.9 19.6	-2.10	+12.1	12.4/10.5	40206
2007 EM ₉₀	2009 12 12.3	05 18.04 +18 01.1 21.5	-1.02	- 1.1	1.7/12.1	47423
2003 GJ ₂₆	2009 12 12.3	05 18.06 +19 45.1 21.3	-1.00	- 1.6	1.1/12.2	57383
2002 PF ₁₆₁	2009 12 12.3	05 18.06 +22 17.7 20.6	-0.93	- 0.4	0.2/12.3	66135
2000 SP ₉	2009 12 12.3	05 18.09 -11 02.2 18.6	-0.90	- 3.2	13.3/09.3	19526
2002 VY ₃₀	2009 12 12.3	05 18.09 +27 57.3 19.0	-1.24	+ 1.7	2.3/13.0	66143
2004 SW ₄₁	2009 12 12.3	05 18.10 +11 29.7 19.4	-0.95	- 3.9	4.8/11.4	66182
2006 JM ₁₆	2009 12 12.4	05 18.09 +25 02.9 19.2	-0.96	+ 1.6	0.7/12.5	65525
2006 JK ₃	2009 12 12.4	05 18.18 +10 22.0 20.5	-0.82	- 3.3	3.6/11.3	46476
2006 GW ₄₈	2009 12 12.4	05 18.19 +06 04.1 19.8	-0.86	- 4.5	5.7/10.6	66259
2005 UW ₄₃	2009 12 12.4	05 18.19 +21 35.6 20.9	-1.14	- 2.5	0.6/12.3	26071
2002 CB ₂₁₅	2009 12 12.4	05 18.20 +36 45.4 17.2	-1.03	- 2.0	7.4/13.7	66128

2008 SY ₂₈₂	2009 12 12.4	05 18.21 +20 32.8 20.5	-0.89	- 1.7	0.8/12.3	65609
2005 YD ₅₁	2009 12 12.4	05 18.24 +26 10.6 20.1	-1.04	- 2.0	1.1/12.7	47366
2003 SM ₁₉₃	2009 12 12.4	05 18.29 -13 18.5 20.7	-0.84	- 3.0	10.7/09.6	59708
2001 XP ₁₈₇	2009 12 12.4	05 18.31 +18 36.1 19.0	-1.06	+ 1.9	1.9/12.3	66119
2006 JW ₃₃	2009 12 12.4	05 18.34 +29 05.4 20.3	-0.99	+ 1.7	2.0/12.6	65525
2005 UF ₆₃	2009 12 12.4	05 18.37 +23 11.8 20.2	-1.13	0.0	0.0/12.5	47355
2003 UV ₂₇₂	2009 12 12.4	05 18.37 +26 36.5 19.4	-0.97	+ 1.8	1.2/12.6	65377
2005 WF ₁₄₂	2009 12 12.4	05 18.40 +24 55.0 19.6	-1.09	+ 0.3	0.8/12.5	66235
2004 TN ₁₁₉	2009 12 12.4	05 18.43 +14 21.2 19.8	-0.99	- 5.4	3.4/11.6	65405
2003 UY ₅₆	2009 12 12.4	05 18.46 +01 53.9 20.1	-0.83	- 4.4	5.8/10.5	59713
2008 SP ₁₇₀	2009 12 12.4	05 18.48 +12 45.5 21.0	-0.86	- 2.1	3.3/11.7	50309
2001 QH ₃₆	2009 12 12.4	05 18.49 +34 28.2 18.5	-1.25	- 6.6	5.4/13.9	64161
2005 AL ₁₈	2009 12 12.4	05 18.49 -12 22.7 19.1	-0.91	+ 6.2	12.5/13.3	66194
2005 UY ₁₁₀	2009 12 12.4	05 18.53 +25 47.1 19.5	-1.14	- 1.3	1.1/12.6	66221
2006 HN ₆₉	2009 12 12.4	05 18.53 +10 46.8 21.1	-0.85	- 3.7	3.8/11.3	47408
2008 PH ₂	2009 12 12.4	05 18.55 +35 51.2 20.1	-1.27	- 6.0	5.1/13.9	58609
2004 NC ₁₃	2009 12 12.4	05 18.55 +22 56.8 19.9	-1.20	- 3.3	0.1/12.5	66174
2007 CL ₆₂	2009 12 12.4	05 18.58 +27 33.1 19.9	-1.23	- 2.9	2.0/12.8	65544
2004 OS ₁₁	2009 12 12.5	05 18.49 +28 57.3 19.7	-1.14	- 5.5	2.1/13.1	40126
2000 EZ ₁₄₆	2009 12 12.5	05 18.50 +04 59.0 18.9	-0.87	+ 2.2	5.7/12.0	66092
2001 UT ₁₁₄	2009 12 12.5	05 18.53 +27 22.0 18.5	-1.10	+ 1.4	2.1/13.0	66112
2005 NK ₁₅	2009 12 12.5	05 18.57 +20 57.8 21.1	-1.23	+ 0.5	10.5/02.0	86879
2005 YN ₂₅₄	2009 12 12.5	05 18.58 +30 52.1 19.6	-1.14	- 0.1	3.1/13.0	20477
2008 SS ₁₀₇	2009 12 12.5	05 18.60 +06 32.4 21.0	-0.82	- 3.3	4.9/11.0	49054
2004 RG ₁₅₄	2009 12 12.5	05 18.60 +20 04.5 20.5	-1.03	- 1.9	1.0/12.3	47306
2002 NK ₅₇	2009 12 12.5	05 18.63 +26 37.2 19.5	-0.94	- 4.5	1.2/13.0	66133
2004 FS ₈₄	2009 12 12.5	05 18.63 +28 57.9 19.5	-1.25	- 1.7	2.6/12.9	66170
2001 XV ₂₀₉	2009 12 12.5	05 18.63 +16 19.5 18.8	-1.06	+ 1.8	2.8/12.4	66120
2005 UA ₁₂₅	2009 12 12.5	05 18.64 +30 24.6 20.6	-1.20	+ 1.3	3.2/12.8	20820
2008 UJ ₁₀₃	2009 12 12.5	05 18.65 +00 11.7 20.6	-0.78	- 3.4	5.7/10.5	51092
2003 UA ₈₂	2009 12 12.5	05 18.66 +20 11.6 19.2	-0.93	+ 2.4	1.0/12.5	66161
2007 EP ₁₁₀	2009 12 12.5	05 18.66 +30 51.4 21.0	-1.13	+ 0.7	2.6/12.8	41866
2005 VQ ₅₀	2009 12 12.5	05 18.68 +09 54.3 19.7	-1.02	+ 0.5	5.9/12.0	21848
2007 GX ₃₉	2009 12 12.5	05 18.70 +30 30.6 20.5	-1.05	+ 1.0	2.4/13.0	65558
1995 SD ₃₇	2009 12 12.5	05 18.70 +27 48.7 19.4	-1.21	- 1.5	2.2/13.0	66082
2007 ER ₂₁₄	2009 12 12.5	05 18.73 +19 13.7 21.8	-0.86	- 0.8	1.0/12.3	47425
2003 QU ₉₉	2009 12 12.5	05 18.75 -13 41.1 19.2	-0.87	+ 2.0	12.4/13.0	66154
2005 QO ₁₇	2009 12 12.5	05 18.76 +19 06.4 20.5	-1.16	- 0.4	1.6/12.4	18115
2007 BK ₃₈	2009 12 12.5	05 18.78 +29 17.5 19.7	-1.23	- 4.2	3.0/13.1	66267
2003 PD ₆	2009 12 12.5	05 18.79 -18 07.7 20.0	-1.17	+ 2.9	18.5/12.2	39187
2005 TP ₂₁	2009 12 12.5	05 18.84 +23 41.6 20.0	-1.18	- 0.2	0.2/12.6	40145
2005 SZ ₅₁	2009 12 12.5	05 18.85 +29 28.8 21.0	-1.23	- 0.3	2.3/13.0	55189
2002 AE ₁₇₇	2009 12 12.5	05 18.87 +31 26.2 18.6	-0.97	- 2.8	4.4/13.2	66124
2005 SR ₂	2009 12 12.5	05 18.89 +31 23.8 19.4	-1.24	- 0.6	3.5/13.0	60834
2004 QZ ₂₁	2009 12 12.5	05 18.90 +37 54.0 19.1	-1.19	- 0.7	5.2/13.5	47301
2008 JK ₃₆	2009 12 12.5	05 18.90 +13 30.9 21.3	-1.13	- 1.2	3.9/12.1	40772
2003 GZ ₅₀	2009 12 12.6	05 18.90 +14 21.5 21.2	-1.01	+ 1.1	2.9/12.3	19102
2002 RM ₂₅₇	2009 12 12.6	05 18.91 +23 59.6 20.4	-0.90	+ 0.7	0.2/12.6	66139
2004 PV ₄₂	2009 12 12.6	05 18.93 +26 28.7 20.4	-1.12	+ 0.5	1.2/13.0	16276
2001 YG ₇₁	2009 12 12.6	05 19.00 +23 06.1 18.6	-1.13	+ 2.6	10.9/02.0	66121
2002 UQ ₅₁	2009 12 12.6	05 19.01 +22 52.4 21.0	-0.86	- 2.6	0.1/12.6	66143

2005 SF ₂₆₁	2009 12 12.6	05 19.13 +18 23.9 19.4	-1.02	- 1.0	2.5/12.4	62438
2004 SD ₁₃	2009 12 12.6	05 19.14 +27 35.7 19.5	-1.09	+ 0.6	1.7/13.0	66182
2006 DE ₂₁₁	2009 12 12.6	05 19.15 +19 51.6 21.3	-0.90	- 1.0	1.0/12.5	47398
2004 FT ₁₀₄	2009 12 12.6	05 19.17 +12 22.9 19.9	-1.13	+ 0.8	4.7/12.2	41805
2003 EX ₅₈	2009 12 12.6	05 19.21 +41 04.1 19.9	-1.35	+ 1.9	6.3/13.0	59695
2000 OF ₃₄	2009 12 12.6	05 19.22 +04 31.5 19.8	-1.02	+ 0.8	7.2/13.0	55915
2006 UK ₂₃₂	2009 12 12.6	05 19.24 -04 05.5 20.3	-1.21	- 9.2	12.5/08.8	40166
2004 FE ₁₃₅	2009 12 12.6	05 19.25 +26 55.0 21.2	-1.22	- 1.4	1.5/12.9	41805
2004 TO ₂₆₂	2009 12 12.6	05 19.26 +33 56.6 19.8	-1.14	+ 1.4	3.5/13.0	47321
2007 JE ₄₃	2009 12 12.6	05 19.29 +25 04.0 20.4	-1.00	+ 1.6	0.6/12.7	22891
2006 AZ ₆₅	2009 12 12.6	05 19.30 -01 51.8 20.1	-0.87	0.0	9.6/11.4	47374
2008 SB ₁₀	2009 12 12.6	05 19.30 +39 37.9 20.7	-1.16	- 0.8	5.0/13.7	55507
2004 RP ₅₀	2009 12 12.6	05 19.31 +25 13.2 20.7	-1.07	- 0.4	0.7/13.0	18085
2008 SX ₉	2009 12 12.6	05 19.35 +19 24.9 20.1	-0.90	- 1.3	1.1/12.5	66325
2007 EG ₂₇	2009 12 12.6	05 19.36 +29 04.2 21.0	-1.11	- 0.3	2.0/13.0	47421
2000 SN ₂₇₃	2009 12 12.6	05 19.39 +02 27.6 19.7	-0.95	- 3.8	7.9/11.0	17922
2003 YN ₂₇	2009 12 12.6	05 19.42 +25 48.9 18.0	-1.01	- 8.8	0.9/13.0	66166
2006 AW ₂₀	2009 12 12.7	05 19.35 +17 33.4 18.8	-1.11	+ 7.3	2.4/13.0	65506
2004 RN ₁₉₁	2009 12 12.7	05 19.36 +37 27.3 18.7	-1.16	- 2.2	5.6/13.8	41813
2003 UB ₂₄₈	2009 12 12.7	05 19.40 +29 48.9 20.9	-0.98	0.0	2.1/13.1	66163
2006 DR ₈₁	2009 12 12.7	05 19.44 +06 40.8 20.9	-0.85	- 0.8	5.3/11.8	47393
2002 OJ ₃₁	2009 12 12.7	05 19.46 +10 13.4 20.9	-0.85	+ 1.6	3.8/12.4	48492
2006 GM ₃₈	2009 12 12.7	05 19.48 +09 37.4 20.8	-0.80	+ 0.8	3.4/12.2	60862
2002 VK ₅₄	2009 12 12.7	05 19.49 +15 03.0 18.9	-1.08	- 4.0	3.8/12.0	66143
2008 SS ₇₈	2009 12 12.7	05 19.57 +31 03.3 21.8	-0.94	- 1.2	2.3/13.3	50253
2005 US ₃₉₂	2009 12 12.7	05 19.58 +23 05.4 20.1	-1.15	+ 0.2	10.5/23.0	66227
2006 DD ₁₉₇	2009 12 12.7	05 19.61 +03 58.1 19.5	-0.89	- 3.7	6.7/10.9	47397
2002 AT ₁₅₃	2009 12 12.7	05 19.61 +07 23.5 19.5	-1.00	+ 2.6	6.1/12.4	21311
2003 SC ₈₁	2009 12 12.7	05 19.62 +07 49.9 20.7	-0.84	- 1.6	4.9/11.8	47257
2004 RC ₅₈	2009 12 12.7	05 19.62 +15 50.1 19.0	-0.96	+ 0.7	3.2/12.5	95342
2007 HB ₂₂	2009 12 12.7	05 19.66 +28 05.4 19.3	-1.07	+ 1.6	1.9/13.0	66283
2006 AM ₁₇	2009 12 12.7	05 19.66 +21 44.0 20.0	-1.03	- 1.0	0.6/12.7	41838
2006 BL ₁₀₉	2009 12 12.7	05 19.67 +10 25.7 19.8	-0.99	+ 2.6	5.2/12.5	98113
2004 RQ ₆₃	2009 12 12.7	05 19.69 +44 14.2 18.7	-1.16	- 0.7	10.2/14.4	66177
2006 BU ₂₃	2009 12 12.7	05 19.69 +34 15.1 19.4	-1.16	- 6.6	4.8/14.0	04369
2002 PS ₁₈₇	2009 12 12.7	05 19.72 +24 20.4 21.1	-0.89	- 0.9	0.4/13.0	49839
2003 UJ ₂₅	2009 12 12.7	05 19.78 +38 21.6 19.9	-1.09	- 6.3	5.8/14.7	41128
2001 AE ₁₉	2009 12 12.7	05 19.80 +14 47.0 19.0	-1.00	+ 2.2	3.4/12.6	20835
2005 SY ₈₅	2009 12 12.7	05 19.84 +19 56.3 21.5	-1.15	- 0.8	1.1/12.6	40142
2000 QE ₁₁₈	2009 12 12.7	05 19.86 +40 01.2 20.1	-1.24	- 2.7	5.6/14.1	47147
2005 QA ₉₉	2009 12 12.7	05 19.89 +32 31.1 20.2	-1.27	- 0.7	4.2/13.3	90235
2007 HR ₄₈	2009 12 12.8	05 19.79 +16 36.9 19.6	-1.03	- 1.7	2.6/12.4	47431
2007 ER ₁₅	2009 12 12.8	05 19.80 +18 04.5 19.7	-1.12	- 0.3	2.3/12.6	41864
2005 SC ₂₇	2009 12 12.8	05 19.81 +25 01.4 19.1	-1.18	- 3.8	0.8/13.0	66208
2007 FG ₆	2009 12 12.8	05 19.81 +43 33.0 20.7	-1.32	- 1.4	7.0/14.3	41869
2002 TY ₃₀₀	2009 12 12.8	05 19.82 +08 47.4 21.2	-1.13	+ 0.1	5.5/12.3	40109
2005 NA ₃	2009 12 12.8	05 19.84 +19 07.6 20.2	-1.19	- 0.3	1.8/13.0	40135
2002 XW ₁₁₈	2009 12 12.8	05 19.85 +18 08.7 20.2	-1.16	- 2.8	2.0/12.5	49860
2005 YX ₃₂	2009 12 12.8	05 19.85 +22 51.0 20.3	-1.03	- 1.9	9.5/23.0	96693
2003 QV ₇₂	2009 12 12.8	05 19.86 +12 11.7 20.7	-0.93	- 2.0	3.4/12.2	10981
2005 SA ₂₃₉	2009 12 12.8	05 19.86 +17 23.8 20.7	-1.16	- 1.6	2.3/12.5	97842

2008 SU ₁₆₅	2009 12 12.8	05 19.88 +31 06.1 20.1	-0.97 + 0.3	2.4/13.2	51077
2005 YJ ₁₃₅	2009 12 12.8	05 19.90 +23 04.6 20.0	-1.08 + 2.3	8.8/02.0	65501
2006 DW ₃₈	2009 12 12.8	05 19.91 +25 52.4 20.7	-0.91 - 0.5	0.8/13.0	47391
2003 SF ₁₂₃	2009 12 12.8	05 19.93 +33 04.4 19.8	-1.06 + 1.8	3.1/13.1	60788
2003 UW ₂	2009 12 12.8	05 19.94 -08 32.1 21.2	-0.80 - 4.0	9.3/09.5	47267
2006 JC ₄₉	2009 12 12.8	05 19.94 +31 54.9 20.2	-0.96 + 0.8	2.6/13.2	46482
2005 OC ₃	2009 12 12.8	05 19.97 +20 19.9 20.7	-1.27 + 2.7	1.1/13.0	37390
2003 SJ ₁₉₂	2009 12 12.8	05 19.98 +38 39.4 20.5	-1.10 - 0.1	5.2/13.8	57960
2001 YK ₁₅₃	2009 12 12.8	05 20.02 +46 08.6 18.4	-1.34 - 1.8	10.1/14.6	66122
2003 SH ₃₃₁	2009 12 12.8	05 20.03 +28 05.2 20.9	-1.00 + 2.4	1.6/13.0	10992
2005 VT ₃₁	2009 12 12.8	05 20.09 +23 21.3 19.5	-1.10 + 1.0	10.6/23.0	20439
2006 DK ₃₄	2009 12 12.8	05 20.11 +06 25.8 20.4	-0.86 - 0.6	5.7/12.0	58525
2002 VU ₈₅	2009 12 12.8	05 20.12 +25 42.1 19.3	-1.27 - 3.1	1.0/13.0	66144
2002 TL ₃₂₉	2009 12 12.8	05 20.12 +58 44.3 21.7	-1.49 + 1.2	8.9/14.2	47236
2006 BO ₄₆	2009 12 12.8	05 20.15 +29 20.5 22.0	-1.05 - 1.5	2.1/13.0	02273
2002 RM ₁₇₈	2009 12 12.8	05 20.16 +07 30.1 19.6	-0.82 0.0	4.7/12.1	47229
2000 EX ₄	2009 12 12.8	05 20.16 +24 16.3 19.4	-1.15 - 0.9	0.6/12.9	66092
2004 RR ₁₀	2009 12 12.8	05 20.18 +26 58.6 19.9	-1.09 0.0	1.4/13.0	66176
2007 EX ₁₂₄	2009 12 12.8	05 20.21 +05 13.2 21.2	-0.93 - 2.4	5.6/11.5	47423
2000 TG ₅₆	2009 12 12.8	05 20.21 +40 08.5 19.7	-1.29 + 2.5	6.0/13.3	41760
2008 OW ₃	2009 12 12.8	05 20.24 +05 02.3 22.1	-0.93 0.0	5.4/12.2	47447
2001 RJ ₁₁₇	2009 12 12.8	05 20.28 +20 58.3 21.2	-1.14 - 0.9	0.9/13.0	00048
2004 RT ₂₈₉	2009 12 12.8	05 20.30 +32 41.6 19.2	-1.19 + 4.3	3.6/13.0	66181
1999 TX ₃₃	2009 12 12.9	05 20.23 +14 13.3 19.6	-1.16 - 2.2	4.3/13.0	39137
2008 HJ ₅₁	2009 12 12.9	05 20.28 +16 49.1 21.0	-1.14 - 2.4	2.5/13.0	41657
2000 QD ₅₆	2009 12 12.9	05 20.32 -00 30.5 19.0	-0.98 + 2.0	8.9/12.6	17915
2001 WV ₃₆	2009 12 12.9	05 20.35 +23 47.9 18.3	-1.14 + 2.7	9.9/02.0	66116
2007 CR ₆₅	2009 12 12.9	05 20.35 +11 36.0 20.6	-1.10 - 0.7	4.9/12.3	40176
2007 BY ₇₅	2009 12 12.9	05 20.37 +35 01.4 20.9	-1.29 - 1.9	4.8/13.7	24146
2004 EJ ₉₄	2009 12 12.9	05 20.41 +24 25.3 18.7	-1.22 + 1.3	0.6/13.0	66170
2002 PB ₁₈₉	2009 12 12.9	05 20.43 +30 24.5 22.2	-0.93 - 2.6	2.0/13.5	57370
2008 RV ₄₄	2009 12 12.9	05 20.45 +05 49.3 21.6	-0.90 - 1.1	5.2/11.9	55502
2002 OH ₃₁	2009 12 12.9	05 20.46 +07 24.0 20.2	-0.86 + 2.3	5.0/12.6	49836
2001 UU ₁₃₄	2009 12 12.9	05 20.51 +23 24.4 17.3	-1.09 + 1.6	10.6/02.0	66113
2005 YP ₁₁₈	2009 12 12.9	05 20.51 +20 01.8 20.1	-0.98 + 0.6	1.0/12.8	66242
2006 FS ₂₁	2009 12 12.9	05 20.52 +45 16.3 20.8	-1.14 0.0	6.3/14.1	46452
2001 UD ₁₇₅	2009 12 12.9	05 20.55 +20 31.2 18.7	-1.06 + 1.3	1.2/13.0	66113
2006 FF ₅₂	2009 12 12.9	05 20.61 +35 53.3 20.8	-0.99 - 2.8	3.3/14.0	30236
2001 PC ₂₅	2009 12 12.9	05 20.66 +12 47.6 20.0	-1.07 - 1.0	3.7/12.5	60738
2005 YO ₁₈₉	2009 12 12.9	05 20.66 +14 32.7 20.1	-0.99 + 1.5	2.9/12.7	43249
2005 SU ₂₀₃	2009 12 12.9	05 20.67 +18 32.7 20.8	-1.14 - 0.5	1.8/13.0	21837
2000 EK ₅₀	2009 12 12.9	05 20.67 -11 51.5 21.0	-1.17 + 2.9	13.8/11.1	20246
2000 SL ₂₅₃	2009 12 12.9	05 20.70 +20 51.5 20.3	-1.07 + 0.6	0.8/13.0	66097
2000 SV ₂₉₆	2009 12 12.9	05 20.71 +41 37.7 18.7	-1.21 - 2.7	8.2/14.5	66097
2004 TW ₁₇₀	2009 12 12.9	05 20.73 +27 40.2 19.7	-1.07 + 1.6	1.7/13.1	42723
2005 YL ₂₇₅	2009 12 12.9	05 20.74 +41 17.6 18.9	-1.43 + 6.7	7.4/12.3	02268
2002 PP ₉₅	2009 12 12.9	05 20.74 +17 22.3 20.3	-1.21 + 0.1	2.3/12.8	41098
2008 OS ₁₉	2009 12 12.9	05 20.76 +15 18.3 21.2	-0.95 - 0.5	2.5/12.6	47448
2003 AH ₉	2009 12 12.9	05 20.78 -03 05.9 18.2	-1.32 +21.5	14.1/17.3	43485
2007 HH ₁₄	2009 12 13.0	05 20.68 +16 53.7 19.9	-1.00 - 0.8	2.6/12.7	40180
2003 SU ₂₄₈	2009 12 13.0	05 20.68 +21 53.9 19.1	-0.92 - 0.8	0.5/12.9	47262

2005 AR ₂₃	2009 12 13.0	05 20.69 +35 00.0 19.0	-1.02 - 1.5	4.5/13.7	66194
2001 SV ₂₄	2009 12 13.0	05 20.71 +14 53.4 20.6	-1.10 - 1.9	3.3/12.5	40094
2008 SA ₆₂	2009 12 13.0	05 20.73 +03 45.7 21.5	-0.90 - 0.7	6.3/12.0	46764
2001 SP ₁₆₂	2009 12 13.0	05 20.74 +28 49.6 19.4	-1.20 - 1.4	2.3/13.4	60743
2002 CT ₈₂	2009 12 13.0	05 20.75 +27 16.2 18.9	-1.09 - 0.3	1.7/13.2	66126
2006 CJ ₆₂	2009 12 13.0	05 20.78 +12 09.9 19.0	-0.92 + 2.6	3.7/12.8	47388
2006 HX ₅₉	2009 12 13.0	05 20.83 +27 20.0 19.8	-1.03 + 3.6	1.3/13.1	66260
2002 SA ₆₇	2009 12 13.0	05 20.85 +09 38.4 20.9	-0.81 - 2.2	4.1/12.1	48879
2005 MA ₂₁	2009 12 13.0	05 20.85 +15 03.7 20.1	-1.15 - 3.1	3.2/12.5	40134
2006 DN ₆₈	2009 12 13.0	05 20.87 +23 44.0 19.0	-1.09 + 0.9	0.3/13.1	66255
2004 PB ₄₃	2009 12 13.0	05 20.88 +09 58.4 19.8	-0.99 - 3.7	4.6/12.0	70380
2005 UY ₁₆₉	2009 12 13.0	05 20.92 +27 51.2 21.3	-1.22 - 0.3	1.9/13.3	96186
2004 RG ₁₅₉	2009 12 13.0	05 20.96 +17 54.1 19.8	-0.99 - 2.8	2.1/12.7	74343
2004 EV ₅₉	2009 12 13.0	05 20.97 +30 08.8 18.3	-1.25 - 3.1	3.5/13.5	66169
2006 HM ₁₉	2009 12 13.0	05 21.02 +10 56.7 20.3	-0.87 - 1.3	4.2/12.3	47406
2005 YY ₂₆₈	2009 12 13.0	05 21.02 +30 37.7 19.9	-1.06 - 2.0	2.5/13.6	47372
2007 GO ₂₉	2009 12 13.0	05 21.03 +19 00.3 19.8	-0.99 - 4.2	1.3/12.7	66281
2005 RX ₈	2009 12 13.0	05 21.03 +13 18.0 19.4	-1.09 - 0.8	4.0/12.6	40140
2007 BN ₄₇	2009 12 13.0	05 21.09 +22 08.8 20.3	-1.18 + 0.5	0.4/13.0	21874
2008 KD ₂	2009 12 13.0	05 21.12 +12 45.5 20.0	-1.10 - 0.6	4.7/12.6	50130
2004 NT ₆	2009 12 13.0	05 21.15 +13 42.1 20.7	-1.02 + 1.4	3.1/12.9	55995
2003 MH ₅	2009 12 13.0	05 21.16 +27 29.4 18.7	-1.04 - 5.3	1.4/13.5	59700
2005 UP ₄₄₀	2009 12 13.0	05 21.16 +29 25.5 19.2	-1.08 - 1.5	3.2/13.5	66227
2005 QF ₁₄₇	2009 12 13.1	05 21.16 +10 43.4 18.3	-1.07 + 6.3	6.3/13.5	66206
2003 SD ₆₉	2009 12 13.1	05 21.17 -03 50.8 19.8	-0.84 - 2.0	9.3/11.6	19605
2005 UH ₇₂	2009 12 13.1	05 21.23 +19 48.6 19.5	-1.13 - 6.1	1.3/12.8	66220
2005 RT ₁₉	2009 12 13.1	05 21.26 +27 33.5 20.5	-1.23 - 0.8	2.0/13.4	97805
2006 DC ₇₇	2009 12 13.1	05 21.29 +05 30.4 20.1	-0.85 + 0.6	5.5/12.6	47393
2003 UJ ₂₄₈	2009 12 13.1	05 21.34 +16 47.6 19.9	-0.88 - 2.7	2.0/12.7	48911
2001 SZ ₂₀₉	2009 12 13.1	05 21.35 +27 42.5 20.6	-1.18 - 0.4	1.6/13.4	59667
2005 SV ₅₂	2009 12 13.1	05 21.35 +21 07.7 18.8	-1.08 + 1.6	1.0/13.1	66209
2006 BO ₁₁₂	2009 12 13.1	05 21.36 +33 08.8 20.9	-1.10 - 1.5	3.4/13.7	47380
2008 RC ₉₀	2009 12 13.1	05 21.38 +16 18.0 21.5	-0.85 - 2.0	1.9/12.7	55505
2000 HH ₉₆	2009 12 13.1	05 21.41 +20 34.3 19.8	-1.11 + 1.3	0.9/13.1	43106
2002 RP ₇₈	2009 12 13.1	05 21.49 +32 57.8 20.6	-1.35 - 2.4	4.1/13.9	48261
2005 TT ₃₂	2009 12 13.1	05 21.50 +30 24.6 20.3	-1.27 + 1.6	2.9/13.4	66216
2005 YD ₁₇₇	2009 12 13.1	05 21.52 +27 21.9 20.3	-1.08 - 3.3	1.8/13.5	96822
2002 CS ₁₅₁	2009 12 13.1	05 21.52 +03 42.5 19.8	-0.96 + 1.3	7.8/12.5	21312
2004 NM ₁₈	2009 12 13.1	05 21.53 +17 06.4 18.6	-1.08 - 1.9	2.8/12.9	65388
2000 QP ₂₀₄	2009 12 13.1	05 21.55 +17 52.6 18.5	-1.00 - 2.7	2.4/12.8	66094
2006 CJ ₆₅	2009 12 13.1	05 21.59 +19 46.8 20.7	-0.95 - 0.2	1.2/13.0	47389
2002 TZ ₂₅₃	2009 12 13.1	05 21.60 +25 57.4 20.2	-1.23 - 3.3	1.3/13.4	16225
2006 BR ₁₅₂	2009 12 13.1	05 21.61 +33 13.6 20.2	-1.10 - 0.8	4.1/13.8	01268
2005 WH ₂₀₈	2009 12 13.1	05 21.64 +24 48.4 20.4	-1.00 - 1.5	0.6/13.3	11152
2005 TG ₁₄₆	2009 12 13.1	05 21.74 +56 42.5 20.4	-2.05 + 7.3	13.8/11.2	19657
2002 ET ₁₉	2009 12 13.2	05 21.57 +10 31.7 18.6	-1.02 + 3.8	5.1/13.1	66129
2000 VU ₄₀	2009 12 13.2	05 21.57 +19 40.2 19.0	-1.03 - 4.0	1.3/12.9	60734
2005 UZ ₁₂₂	2009 12 13.2	05 21.57 +24 25.4 21.5	-1.15 - 0.9	0.5/13.3	97899
2000 YP ₄₇	2009 12 13.2	05 21.60 +29 11.8 18.9	-1.06 - 5.6	2.2/13.8	47160
2001 BE ₆₃	2009 12 13.2	05 21.62 +36 34.4 17.8	-1.10 - 7.6	6.0/14.9	64159
2003 SM ₃₂₂	2009 12 13.2	05 21.65 +31 31.2 20.0	-1.01 - 4.1	2.6/14.0	43183

2006 AE ₄₈	2009 12 13.2	05 21.70 +25 28.0 19.8	-1.02	- 2.4	0.8/13.4	66247
2005 SY ₁₃	2009 12 13.2	05 21.71 +35 31.6 18.8	-1.22	+ 1.6	6.1/13.6	19651
2004 EC ₇₇	2009 12 13.2	05 21.72 +22 42.9 20.6	-1.18	- 0.6	0.2/13.2	43199
2005 BM ₈	2009 12 13.2	05 21.74 +40 22.1 19.8	-1.06	- 2.3	5.0/14.5	47339
2000 SS ₁₃₂	2009 12 13.2	05 21.75 +37 02.9 20.2	-1.22	- 4.2	4.9/14.6	70265
2007 EA ₁₇₉	2009 12 13.2	05 21.77 +27 22.4 19.8	-1.20	- 1.2	1.9/13.5	66277
2004 PQ ₁₀₇	2009 12 13.2	05 21.77 +12 44.3 21.7	-0.99	- 1.2	3.4/12.7	59729
2003 UH ₄₀₂	2009 12 13.2	05 21.78 +07 24.5 20.5	-0.86	- 2.2	5.5/12.1	55113
2002 DQ ₉	2009 12 13.2	05 21.79 +00 33.2 18.8	-1.08	+ 7.3	8.9/13.9	94675
2005 WG ₁₉₅	2009 12 13.2	05 21.82 +15 33.6 18.4	-1.04	- 4.3	3.6/12.6	65486
2004 SM ₁₇	2009 12 13.2	05 21.82 +00 47.0 19.5	-0.94	+ 2.8	8.7/13.2	59739
2002 JO ₁₆	2009 12 13.2	05 21.83 +10 08.6 22.3	-1.03	- 4.4	3.9/12.0	74177
2005 CX ₂₆	2009 12 13.2	05 21.86 +37 29.1 19.8	-1.06	- 1.8	5.1/14.2	76662
2007 DA ₉	2009 12 13.2	05 21.89 +25 54.9 21.5	-1.10	- 0.9	0.9/13.4	74149
2008 UN ₁₀₆	2009 12 13.2	05 21.90 +42 40.9 20.9	-1.09	+ 0.6	5.6/14.1	52515
2005 OF ₅	2009 12 13.2	05 21.92 +15 58.2 20.1	-1.16	- 0.4	2.8/13.0	40136
2008 TZ ₁₄₃	2009 12 13.2	05 21.96 +20 23.0 21.7	-0.88	- 0.8	0.8/13.1	50448
2005 UH ₄₇	2009 12 13.2	05 22.00 +25 41.7 19.8	-1.16	+ 0.8	1.2/13.4	97883
2004 FV ₉₁	2009 12 13.2	05 22.00 +17 11.3 20.8	-1.13	- 1.0	2.2/13.0	59723
2004 WK ₄	2009 12 13.2	05 22.00 +23 59.4 19.9	-1.00	+ 0.1	0.3/13.3	47328
2005 SA ₂₅₀	2009 12 13.2	05 22.01 +25 09.2 20.1	-1.20	0.0	0.9/13.4	97843
2004 TL ₁₆₆	2009 12 13.2	05 22.01 +29 21.6 20.8	-1.08	- 1.3	2.3/13.6	04309
2005 TQ ₁₀₆	2009 12 13.2	05 22.06 +23 43.6 20.2	-1.16	+ 0.3	0.3/13.3	66217
2004 GE ₁₂	2009 12 13.2	05 22.06 +03 00.5 19.1	-1.15	-10.0	7.9/10.3	66171
2002 NO ₄₅	2009 12 13.2	05 22.08 +29 58.6 20.1	-0.95	- 2.8	1.9/13.8	47218
2004 LE ₁	2009 12 13.2	05 22.10 +27 13.9 20.7	-1.20	+ 1.5	1.5/13.4	66173
2005 UJ ₄₄	2009 12 13.3	05 22.00 +19 31.9 20.0	-1.04	0.0	1.7/13.2	19659
2004 FG ₁₀₈	2009 12 13.3	05 22.01 +32 58.3 20.4	-1.28	- 0.4	3.8/13.8	04303
2005 ST ₁₆₅	2009 12 13.3	05 22.02 +23 22.1 18.4	-1.15	+ 4.0	0.1/13.3	66213
2006 PO ₄₃	2009 12 13.3	05 22.03 -10 40.6 19.3	-1.17	- 8.4	17.0/08.8	66261
2003 SC ₁₆₂	2009 12 13.3	05 22.04 +36 25.7 20.0	-1.05	+ 0.1	4.1/13.9	48899
1999 VV ₁₄₁	2009 12 13.3	05 22.08 +23 39.9 20.2	-0.98	- 1.2	0.2/13.3	66089
2005 YU ₂₁₆	2009 12 13.3	05 22.10 +29 52.0 19.4	-1.05	- 2.4	3.2/13.8	66245
2005 SQ ₄₆	2009 12 13.3	05 22.16 +38 14.0 20.2	-1.33	- 0.4	6.4/14.2	95783
2004 NW ₇	2009 12 13.3	05 22.18 +06 57.2 20.1	-1.01	+ 3.0	6.3/13.3	77783
2003 SS ₃₅₂	2009 12 13.3	05 22.18 +19 19.5 20.7	-0.92	- 0.7	1.2/13.1	60346
2002 QH ₉₁	2009 12 13.3	05 22.19 +16 18.5 21.4	-0.84	- 2.5	1.9/12.8	47225
2008 SC ₁₅₃	2009 12 13.3	05 22.19 +38 38.4 21.4	-1.16	- 0.6	4.4/14.2	49060
2005 YS ₁₈₉	2009 12 13.3	05 22.21 +09 40.3 20.7	-1.04	+ 5.2	5.3/13.5	21169
2008 RF ₇₂	2009 12 13.3	05 22.21 +21 39.2 20.7	-0.94	- 1.0	0.5/13.3	58610
2004 TS ₂₅₆	2009 12 13.3	05 22.23 +30 03.5 20.5	-1.07	- 0.9	2.3/13.7	43218
2006 SF ₁₂₂	2009 12 13.3	05 22.24 +03 38.7 20.0	-1.27	-10.5	9.1/10.7	12930
2002 RO ₂₃₇	2009 12 13.3	05 22.25 +47 06.8 20.7	-1.16	- 0.3	6.7/14.7	45990
2006 DS ₂₀₁	2009 12 13.3	05 22.30 +26 34.5 19.0	-1.07	+ 2.5	1.3/13.4	66257
2005 SK ₁₀	2009 12 13.3	05 22.32 +31 30.1 19.4	-1.47	+ 7.1	3.3/13.2	66208
2003 SQ ₂₇₅	2009 12 13.3	05 22.33 +23 57.7 19.9	-0.94	- 0.7	0.3/13.4	66158
2001 SB ₈₄	2009 12 13.3	05 22.33 +11 46.8 19.2	-1.02	- 2.2	5.1/12.6	19543
2006 AA ₉₈	2009 12 13.3	05 22.35 +09 20.8 20.4	-0.92	+ 1.7	4.2/13.0	47375
2005 OU ₂₂	2009 12 13.3	05 22.36 +31 22.4 19.5	-1.31	+ 1.6	3.7/13.6	66201
2004 GV ₁₅	2009 12 13.3	05 22.38 +18 51.7 21.5	-1.13	- 0.7	1.5/13.2	18069
2004 GJ ₁₂	2009 12 13.3	05 22.38 +22 19.6 19.8	-1.15	- 2.8	0.3/13.3	66171

2001 WP ₃₀	2009 12 13.3	05 22.38 +22 07.2 19.6	-1.13	+ 0.2	0.4/13.3	66116
2005 QE ₁₃₀	2009 12 13.3	05 22.42 +24 32.7 20.9	-1.18	+ 0.9	0.7/13.4	65435
2006 GC ₂₂	2009 12 13.3	05 22.43 +07 46.2 21.1	-0.82	- 1.8	4.7/12.4	47404
2005 TG ₆₃	2009 12 13.3	05 22.46 +29 27.7 20.0	-1.20	+ 1.3	2.7/13.6	20402
2008 SM ₁₇₄	2009 12 13.3	05 22.52 +41 59.7 21.0	-1.08	- 1.4	5.1/14.7	50311
2005 SR ₂₀₇	2009 12 13.3	05 22.52 +24 56.7 18.7	-1.07	- 4.3	0.9/13.5	66213
2007 FP ₁₆	2009 12 13.4	05 22.48 +21 17.0 21.1	-1.12	- 1.1	0.7/13.3	19724
2002 CH ₅₈	2009 12 13.4	05 22.49 +06 18.5 20.5	-0.95	+ 1.4	5.6/12.9	21115
2008 QJ ₁₄	2009 12 13.4	05 22.50 +13 59.7 20.8	-0.93	- 0.5	3.1/13.0	46616
2005 BG ₂₆	2009 12 13.4	05 22.51 +41 47.1 20.0	-1.15	- 2.6	6.2/14.6	74487
2006 DW ₅₀	2009 12 13.4	05 22.51 +22 14.5 19.6	-1.02	- 1.9	0.4/13.4	20841
2001 SZ ₁₉₇	2009 12 13.4	05 22.53 +32 34.0 19.2	-1.20	- 0.3	4.2/13.9	19545
2002 CR ₃₅	2009 12 13.4	05 22.57 +27 43.2 18.8	-1.12	+ 1.8	1.9/13.5	66126
2004 RS ₁₀₁	2009 12 13.4	05 22.62 +26 13.6 20.5	-1.07	- 1.8	1.1/13.6	66178
2002 QT ₆₆	2009 12 13.4	05 22.63 +14 39.9 21.7	-1.18	+ 0.5	3.7/13.1	10893
2003 QC ₉₀	2009 12 13.4	05 22.66 +19 36.7 21.2	-0.94	- 0.6	1.2/13.3	00493
2003 NU ₄	2009 12 13.4	05 22.66 +01 12.8 21.3	-0.88	0.0	6.2/12.6	50949
2006 GN ₂₉	2009 12 13.4	05 22.66 +17 15.3 20.9	-0.89	- 1.7	1.9/13.1	46459
2005 EK ₂₉₇	2009 12 13.4	05 22.68 +24 16.9 20.2	-0.92	- 0.6	0.4/13.5	66197
2003 SG ₁₆₃	2009 12 13.4	05 22.69 +33 56.2 19.9	-1.02	+ 0.4	3.3/13.9	59416
2003 BD ₃₁	2009 12 13.4	05 22.71 +27 09.4 18.2	-1.16	- 4.8	1.9/13.8	66148
2001 WJ ₅₆	2009 12 13.4	05 22.73 +20 46.8 19.4	-1.08	- 3.3	0.9/13.3	66116
2006 BS ₂₂₃	2009 12 13.4	05 22.73 +34 18.5 20.2	-1.10	- 2.2	4.0/14.2	55212
2003 SE ₂₁₀	2009 12 13.4	05 22.79 +12 53.8 20.1	-0.88	- 1.6	3.3/12.9	43181
2005 QY ₈₀	2009 12 13.4	05 22.80 +06 55.6 19.8	-1.11	- 2.7	6.9/12.6	39223
2001 UV ₁₃₇	2009 12 13.4	05 22.81 +24 08.4 20.2	-1.16	- 0.1	0.4/13.5	97496
2001 TM ₂₄₅	2009 12 13.4	05 22.83 +25 44.9 22.1	-1.15	- 1.1	0.9/13.6	16175
2007 FL ₃₂	2009 12 13.4	05 22.84 +15 37.8 21.4	-1.01	- 1.3	2.6/13.1	47426
2004 RY ₃₄₀	2009 12 13.4	05 22.89 +12 52.5 19.9	-1.04	+ 4.2	3.6/13.6	19631
2004 PY ₆₅	2009 12 13.4	05 22.91 +00 32.5 19.9	-0.94	+ 0.5	8.4/12.8	69816
2008 SF ₂₆₇	2009 12 13.4	05 22.93 +01 37.1 21.7	-0.79	- 2.8	5.3/12.0	53682
2001 QY ₉₀	2009 12 13.4	05 22.96 +43 30.9 20.1	-1.47	- 7.0	7.0/15.9	41766
2004 XQ ₁₂₆	2009 12 13.4	05 22.96 +21 30.1 19.6	-0.94	- 1.7	0.6/13.4	66193
2002 JZ ₈₀	2009 12 13.4	05 22.97 +27 45.2 19.6	-1.05	- 0.1	1.6/13.7	66132
2006 BB ₂₄₇	2009 12 13.5	05 22.88 +19 03.9 19.8	-0.97	- 0.1	1.5/13.3	47385
2008 RW ₇₁	2009 12 13.5	05 22.92 +14 17.6 20.6	-0.96	- 0.7	2.9/13.1	50183
2005 TQ ₁₃₇	2009 12 13.5	05 22.93 +24 11.6 21.2	-1.17	+ 0.1	0.4/13.6	20406
2002 CD ₁₄₁	2009 12 13.5	05 22.94 +15 33.8 18.9	-0.96	- 2.3	3.7/13.0	66127
2008 SX ₂₆₀	2009 12 13.5	05 22.95 +30 28.0 19.9	-0.65	- 0.1	1.5/13.9	58617
2006 FP ₂₀	2009 12 13.5	05 22.96 +21 01.7 20.6	-0.89	- 0.5	0.6/13.4	55220
2004 GM ₄₆	2009 12 13.5	05 23.00 +28 04.8 19.4	-1.22	+ 0.9	2.2/13.7	66171
2001 AX ₄₇	2009 12 13.5	05 23.01 +14 43.0 18.3	-1.04	+ 6.5	3.5/13.8	66100
2004 RW ₉₆	2009 12 13.5	05 23.01 +38 42.0 20.1	-1.22	- 3.0	5.1/14.7	59438
2006 KG ₅₇	2009 12 13.5	05 23.12 +16 21.0 20.5	-0.85	- 0.1	2.0/13.2	66261
2003 UZ ₅₁	2009 12 13.5	05 23.12 +26 13.1 19.8	-0.93	- 3.2	0.9/13.8	66161
2007 JR ₃₀	2009 12 13.5	05 23.14 +21 36.7 20.6	-0.89	- 0.4	0.4/13.5	51045
2000 EA ₅₄	2009 12 13.5	05 23.16 +25 33.2 20.1	-0.93	- 0.9	0.8/13.7	66092
2006 YY ₄₀	2009 12 13.5	05 23.18 +20 38.2 19.9	-1.24	- 1.4	1.1/13.4	41303
2006 BC ₂₆₈	2009 12 13.5	05 23.18 +38 39.5 19.6	-1.20	+ 0.1	5.8/14.1	47386
2008 RL ₆₃	2009 12 13.5	05 23.20 +25 41.1 19.8	-0.96	- 0.1	0.8/13.7	66324
2006 BO ₈₈	2009 12 13.5	05 23.20 +27 45.9 20.6	-1.05	- 1.0	1.7/13.8	97046

2003 SV ₂₅₄	2009 12 13.5	05 23.23 +40 32.1 19.7	-1.12 + 0.4	6.1/14.4	43181
2003 UV ₁₆₆	2009 12 13.5	05 23.25 +14 06.7 20.2	-0.87 - 3.1	3.0/12.9	97688
2007 DW ₃₂	2009 12 13.5	05 23.25 +31 33.1 20.9	-1.27 - 0.7	3.5/13.9	19702
2002 XR ₁₂	2009 12 13.5	05 23.28 +22 15.2 19.3	-1.14 - 4.8	0.4/13.5	66145
2004 FS ₁₂₅	2009 12 13.5	05 23.34 +11 30.9 20.1	-1.08 - 1.6	4.6/13.0	21811
2003 UK ₁₅	2009 12 13.5	05 23.35 +35 10.8 21.2	-1.04 + 0.4	4.0/14.1	57987
1997 GE ₁₀	2009 12 13.5	05 23.37 +15 12.4 20.4	-0.93 - 1.1	2.5/13.1	48806
2003 SP ₁₅	2009 12 13.5	05 23.39 +39 29.6 20.8	-1.11 - 0.9	5.2/14.6	48896
2005 ST ₉₀	2009 12 13.5	05 23.39 +18 10.2 20.7	-1.12 - 1.7	1.9/13.3	15854
2001 RM ₉₇	2009 12 13.5	05 23.43 +33 40.8 21.5	-1.25 - 1.4	4.0/14.2	58411
2003 HM ₄	2009 12 13.6	05 23.32 +24 34.1 20.1	-1.07 + 2.4	0.5/13.6	66151
2008 QO ₁₀	2009 12 13.6	05 23.33 +28 05.4 21.6	-0.95 - 1.0	1.4/13.9	49035
2003 FV ₈₆	2009 12 13.6	05 23.35 +27 09.8 20.8	-1.06 - 1.8	1.2/13.8	59697
2002 DG ₁₄	2009 12 13.6	05 23.38 +26 45.3 20.0	-1.07 - 0.3	1.4/13.8	66129
2000 RJ ₈₇	2009 12 13.6	05 23.43 +17 10.0 19.7	-1.04 - 0.6	2.4/13.4	17917
2004 QZ ₇	2009 12 13.6	05 23.45 +17 10.8 20.4	-1.11 + 4.3	2.3/13.7	95310
2003 HQ ₃₁	2009 12 13.6	05 23.46 +17 38.6 19.3	-1.03 - 2.7	2.0/13.2	47249
2004 JM ₁₄	2009 12 13.6	05 23.47 +20 18.7 19.8	-1.12 + 1.5	1.0/13.6	00720
2002 PH ₂	2009 12 13.6	05 23.48 +17 59.9 21.1	-0.85 - 2.9	1.4/13.2	47219
2005 SN ₁₂₆	2009 12 13.6	05 23.48 +21 58.2 20.3	-1.18 + 0.6	0.5/13.6	66211
2007 JB ₉	2009 12 13.6	05 23.52 +22 58.7 19.9	-1.00 - 0.3	0.1/13.6	41874
2002 PM ₁₇₃	2009 12 13.6	05 23.54 +40 15.2 19.7	-1.09 - 3.7	5.5/15.1	47223
2006 AT ₁₄	2009 12 13.6	05 23.55 +25 46.7 20.3	-1.04 - 1.9	1.1/13.8	66246
2005 QW ₁₈₂	2009 12 13.6	05 23.57 +13 18.1 20.0	-1.14 + 2.3	4.0/13.6	40139
2001 ST ₁₉₅	2009 12 13.6	05 23.58 +21 33.7 20.3	-1.16 - 0.7	0.7/13.6	66107
2007 EE ₅	2009 12 13.6	05 23.58 +18 41.3 20.7	-1.15 - 1.2	2.1/13.4	20851
2007 DS ₈₂	2009 12 13.6	05 23.59 +10 12.9 19.6	-1.06 - 0.9	5.7/13.0	40708
2001 TZ ₄₂	2009 12 13.6	05 23.59 +31 06.2 16.8	-1.06 -10.7	4.0/14.9	66109
2004 QQ ₁₄	2009 12 13.6	05 23.60 +00 27.1 20.1	-0.96 0.0	8.3/13.1	40127
2002 NL ₄₉	2009 12 13.6	05 23.62 +14 09.0 21.7	-0.84 + 0.8	2.4/13.4	19088
1994 PQ ₂₆	2009 12 13.6	05 23.63 +32 26.1 20.3	-1.27 - 2.0	3.4/14.3	14580
2006 AA ₄₁	2009 12 13.6	05 23.65 +24 52.2 20.0	-1.03 - 0.1	0.6/13.7	66247
2002 PA ₃₂	2009 12 13.6	05 23.66 +24 23.6 21.2	-1.26 - 2.3	0.5/13.7	10884
2006 CG ₁₀	2009 12 13.6	05 23.68 -01 16.9 18.5	-1.18 +10.6	8.9/15.2	60860
2005 QT ₃₅	2009 12 13.6	05 23.68 +18 46.9 18.2	-1.08 + 0.7	2.2/13.5	66203
2007 HO ₈₈	2009 12 13.6	05 23.69 +23 33.7 19.9	-1.05 + 1.8	0.1/13.7	41873
2000 SO ₁₁	2009 12 13.6	05 23.71 +41 08.4 21.5	-1.28 - 0.3	5.7/14.7	43108
2005 UZ ₇₀	2009 12 13.6	05 23.72 +27 35.1 19.0	-1.17 - 3.8	1.9/14.0	66220
2007 CO ₁₄	2009 12 13.6	05 23.74 +16 09.1 19.5	-1.08 + 0.1	3.6/13.4	38127
2008 OC ₁₂	2009 12 13.6	05 23.78 +26 18.5 19.8	-1.04 - 2.8	1.2/13.9	66321
2004 RY ₁₂₃	2009 12 13.6	05 23.78 +28 52.9 19.6	-1.11 - 5.0	2.0/14.2	60809
2006 BN ₂₅₄	2009 12 13.6	05 23.81 +19 49.6 20.6	-0.98 - 1.0	1.5/13.5	97138
2001 XX ₁₅	2009 12 13.6	05 23.81 +18 35.3 18.1	-1.00 - 1.5	2.2/13.4	66117
2005 QM ₁₁₂	2009 12 13.6	05 23.81 +14 22.4 21.4	-1.14 - 0.8	3.6/13.3	97798
2005 UZ ₂₀₇	2009 12 13.6	05 23.84 +20 56.8 21.0	-1.14 - 0.8	0.9/13.6	16326
2007 EH ₁₃₃	2009 12 13.6	05 23.86 +17 12.9 19.1	-1.07 - 0.7	2.9/13.4	66276
2006 EE ₄₃	2009 12 13.7	05 23.78 +27 23.7 20.3	-0.90 + 1.4	1.1/13.8	66258
2005 QQ ₁₅₅	2009 12 13.7	05 23.78 +26 46.3 19.9	-1.20 + 0.5	1.8/13.8	66206
2005 SZ ₆₈	2009 12 13.7	05 23.80 +13 11.2 20.2	-1.05 - 2.0	4.5/13.1	17561
2008 QR ₃₂	2009 12 13.7	05 23.84 +24 52.9 19.8	-1.02 - 3.9	0.6/13.9	66322
2008 RN ₁₆	2009 12 13.7	05 23.84 +10 43.4 20.7	-0.86 - 2.2	4.0/12.9	46645

2004 TW ₁₅₇	2009 12 13.7	05 23.85 +23 33.0 20.0	-0.99 - 1.9	0.1/13.7	47319
2006 DQ ₁₆₂	2009 12 13.7	05 23.93 +14 48.4 21.0	-0.87 - 0.8	2.6/13.3	47396
2005 UW ₂₆₇	2009 12 13.7	05 23.93 +23 16.0 20.1	-1.09 + 1.2	0.0/13.7	65467
2001 GX ₆	2009 12 13.7	05 23.95 +06 42.0 21.0	-0.79 - 0.2	4.1/13.0	26590
2007 EO ₁₃₂	2009 12 13.7	05 23.96 +16 38.9 21.1	-1.10 - 1.0	2.7/13.4	17836
2005 CO ₅	2009 12 13.7	05 23.97 +41 45.3 19.4	-1.11 - 1.8	6.3/14.9	48966
2004 XW ₃₇	2009 12 13.7	05 23.97 -00 42.8 19.0	-0.87 - 1.7	9.1/12.3	48957
2008 TL ₉₅	2009 12 13.7	05 23.99 +05 25.5 20.9	-0.83 - 3.6	5.3/12.2	50425
2006 HN ₅₁	2009 12 13.7	05 24.00 +37 44.5 19.9	-1.07 + 1.7	4.4/14.1	51034
2002 AX ₁₃₁	2009 12 13.7	05 24.01 +31 21.3 18.9	-1.16 - 7.0	3.6/14.6	62337
2002 PY ₁₈₀	2009 12 13.7	05 24.16 +12 20.9 20.2	-0.86 + 1.7	3.4/13.5	17447
2005 TM ₄₅	2009 12 13.7	05 24.21 +23 05.2 20.5	-1.19 - 2.3	0.0/13.8	22797
2001 RO ₁₁₈	2009 12 13.7	05 24.21 +20 01.9 20.8	-1.11 - 0.6	1.1/13.6	16163
2002 AC ₉₈	2009 12 13.7	05 24.29 +28 24.3 18.5	-0.98 - 2.6	2.7/14.2	66123
2008 RL ₁₀₄	2009 12 13.8	05 24.23 -09 47.7 20.0	-0.80 - 0.7	10.1/12.3	46695
2005 UQ ₅₂₂	2009 12 13.8	05 24.23 +29 17.8 22.0	-1.25 + 0.2	2.3/14.0	33469
2007 EH ₆₄	2009 12 13.8	05 24.24 +26 57.2 21.5	-1.16 - 1.5	1.3/14.0	57122
2008 LX ₁₃	2009 12 13.8	05 24.24 +16 22.0 20.6	-1.01 + 1.7	2.2/13.7	43302
2000 ET ₂₇	2009 12 13.8	05 24.26 +31 41.3 19.1	-1.00 + 1.7	2.6/14.0	47143
2004 GB ₁₃	2009 12 13.8	05 24.28 +14 45.4 20.2	-1.10 + 1.5	3.0/13.6	43200
2002 TH ₈₆	2009 12 13.8	05 24.28 +12 21.3 18.6	-1.11 - 3.0	5.2/13.2	66140
2005 YR ₁₉₉	2009 12 13.8	05 24.30 +17 45.6 20.2	-0.99 + 0.5	2.0/13.6	47371
2004 SY ₃₇	2009 12 13.8	05 24.30 +19 59.4 19.2	-1.00 + 0.9	1.2/13.7	43213
2004 QK ₅	2009 12 13.8	05 24.31 +26 15.3 21.3	-1.08 - 1.0	1.0/14.0	16278
2001 FG ₇₄	2009 12 13.8	05 24.31 +05 11.3 21.4	-0.78 - 1.1	4.1/12.7	28719
2007 EQ ₄₂	2009 12 13.8	05 24.32 +36 03.3 20.0	-1.22 - 0.4	5.0/14.5	58564
2007 EM ₄₈	2009 12 13.8	05 24.33 +22 11.4 20.5	-1.14 + 0.1	0.4/13.8	21668
2004 VT ₃	2009 12 13.8	05 24.35 +24 45.8 19.3	-1.02 + 1.0	0.6/13.9	66188
2008 QD ₂₆	2009 12 13.8	05 24.36 +39 13.4 20.6	-1.19 - 1.8	5.1/14.9	46624
2004 RK ₆	2009 12 13.8	05 24.36 +26 56.6 19.3	-1.16 + 4.7	1.4/13.8	74324
2001 YZ ₁₀	2009 12 13.8	05 24.37 +33 23.9 19.3	-1.17 - 7.4	4.4/15.1	94416
2002 QS ₇₃	2009 12 13.8	05 24.37 +50 00.0 19.6	-1.23 - 0.9	8.8/15.6	48874
2005 TP ₁₆₇	2009 12 13.8	05 24.46 +33 17.8 19.9	-1.27 + 0.8	3.9/14.2	41829
2000 TP ₂₀	2009 12 13.8	05 24.46 -01 01.4 19.5	-0.98 + 1.8	9.6/13.8	10991
2001 SN ₉₉	2009 12 13.8	05 24.46 +13 50.4 20.5	-1.06 - 1.5	3.5/13.3	40670
2006 BQ ₃₁	2009 12 13.8	05 24.47 +19 40.1 19.8	-0.97 + 0.4	1.2/13.7	97001
2004 TN ₂₁₉	2009 12 13.8	05 24.48 +25 36.3 20.1	-1.03 - 0.5	0.9/14.0	20808
2001 FL ₂	2009 12 13.8	05 24.52 +19 25.1 18.5	-0.98 + 2.6	1.5/13.8	97434
2008 PD ₈	2009 12 13.8	05 24.53 +24 58.7 20.4	-1.09 - 3.1	0.6/14.0	66322
2005 YK ₁₃₁	2009 12 13.8	05 24.55 -08 02.1 19.6	-1.00 + 5.4	10.0/14.3	96786
2004 HN ₃₇	2009 12 13.8	05 24.55 +22 45.5 20.2	-1.16 + 2.5	0.1/13.9	40685
1993 FG ₄₅	2009 12 13.8	05 24.56 +31 09.3 20.0	-1.09 0.0	3.0/14.2	60718
2006 BH ₆₉	2009 12 13.8	05 24.56 +30 30.5 20.8	-1.07 - 0.2	2.6/14.2	11155
2003 UM ₁₄₆	2009 12 13.8	05 24.57 +33 29.9 20.0	-1.10 + 4.8	3.8/13.8	58013
2006 BB ₁₉₆	2009 12 13.8	05 24.57 +16 26.7 20.3	-0.94 - 1.0	2.3/13.5	58041
2006 DT ₂₀₃	2009 12 13.8	05 24.59 +51 02.1 19.8	-1.29 + 1.2	7.9/14.9	60862
2004 RO ₂₀	2009 12 13.8	05 24.60 +32 06.8 20.7	-1.15 - 2.0	3.5/14.5	00748
1998 FW	2009 12 13.8	05 24.64 +24 54.7 20.5	-1.05 + 0.2	0.6/13.9	20726
2001 RK ₁₇	2009 12 13.8	05 24.67 +20 28.2 19.0	-1.10 + 0.4	1.2/13.8	66104
2009 VA ₅₅	2009 12 13.8	05 24.67 +25 10.4 21.2	-0.97 - 3.9	0.6/14.1	65993
2005 SS ₁₂₁	2009 12 13.8	05 24.68 +27 40.0 20.3	-1.23 - 0.9	1.7/14.1	21832

2002 QZ ₂₃	2009 12 13.8	05 24.68 +13 17.8 20.7	-0.83 + 0.2	2.7/13.5	47224
2006 KV ₃	2009 12 13.8	05 24.70 +10 05.3 20.4	-0.82 - 2.3	3.9/13.0	60462
2004 TH ₁₂₉	2009 12 13.8	05 24.72 +30 27.7 18.6	-1.09 + 3.2	3.1/13.9	66185
2001 QS	2009 12 13.9	05 24.68 +31 21.7 20.1	-1.23 - 2.7	3.2/14.5	58409
2007 ER ₁₉₁	2009 12 13.9	05 24.69 +24 10.8 20.6	-1.13 - 0.9	0.4/14.0	58086
2004 TV ₂₉₉	2009 12 13.9	05 24.69 +28 07.6 20.2	-1.04 - 0.6	1.9/14.1	66187
2000 GA ₁₁₉	2009 12 13.9	05 24.69 +23 48.4 21.1	-1.13 - 1.1	0.2/13.9	47145
2008 RZ ₅₇	2009 12 13.9	05 24.73 +29 52.6 21.6	-1.05 - 0.6	2.2/14.2	58155
2005 BA ₁₈	2009 12 13.9	05 24.75 +32 58.5 20.1	-0.94 - 1.9	2.6/14.5	47339
2005 SJ ₅₆	2009 12 13.9	05 24.76 +14 06.2 21.8	-1.10 - 0.8	3.3/13.5	39766
2003 WM ₁₀₃	2009 12 13.9	05 24.76 +33 16.6 19.1	-1.09 + 5.2	3.2/13.8	60791
2005 UG ₄₃₉	2009 12 13.9	05 24.77 +28 40.6 18.4	-1.15 - 7.8	2.6/14.6	97951
2003 WC ₁₂	2009 12 13.9	05 24.77 +37 32.3 19.1	-1.04 + 1.3	4.2/14.4	47277
2005 UZ ₃₂₂	2009 12 13.9	05 24.78 +24 20.4 21.6	-1.14 - 1.0	0.4/14.0	16329
2002 CS ₂₇₄	2009 12 13.9	05 24.87 +17 13.9 20.5	-0.99 0.0	2.2/13.7	41779
2007 KO ₆	2009 12 13.9	05 24.93 +19 55.1 19.4	-1.05 - 3.1	1.3/13.7	66286
2006 BG ₁₃₆	2009 12 13.9	05 24.93 +41 57.7 20.4	-1.27 - 3.5	7.1/15.4	02278
2004 TV ₁₉	2009 12 13.9	05 24.94 -02 20.2 20.9	-0.92 - 1.2	9.4/13.0	74370
2005 QJ ₁₀₅	2009 12 13.9	05 24.95 +31 11.1 19.4	-1.22 + 0.1	3.8/14.3	66205
1998 SR ₁₅₃	2009 12 13.9	05 24.95 +46 37.4 19.7	-1.26 + 1.4	8.3/14.8	43095
2005 ST ₃₇	2009 12 13.9	05 24.96 +13 51.6 20.5	-1.10 - 1.6	4.1/13.4	21827
2006 HF ₁	2009 12 13.9	05 24.96 +11 59.2 19.9	-0.83 - 2.5	3.4/13.2	59109
2005 XZ ₁₁₄	2009 12 13.9	05 24.98 +26 51.4 19.3	-1.11 - 3.6	1.4/14.2	35939
2004 HF ₂₈	2009 12 13.9	05 25.01 +20 47.7 20.2	-1.14 + 0.6	0.9/13.9	14118
1999 TK ₂₂₄	2009 12 13.9	05 25.01 +37 06.2 19.4	-1.14 - 1.2	5.4/14.8	97355
2000 NA ₁₄	2009 12 13.9	05 25.02 +24 48.1 20.5	-1.08 - 1.7	0.5/14.1	40665
2001 SO ₁₃	2009 12 13.9	05 25.02 +19 02.9 20.7	-1.12 - 0.8	1.6/13.8	66105
2002 VY ₉	2009 12 13.9	05 25.03 +30 13.5 19.4	-1.26 - 2.7	3.2/14.5	16228
2008 OB ₃	2009 12 13.9	05 25.04 -05 27.3 19.8	-0.89 + 4.4	9.2/14.8	59134
2006 DF ₈₇	2009 12 13.9	05 25.04 +21 45.3 20.6	-0.92 - 0.2	0.4/13.9	46418
2004 RG ₃₃	2009 12 13.9	05 25.04 +21 02.1 20.2	-1.04 + 0.3	0.7/13.9	41810
2007 JL ₁₇	2009 12 13.9	05 25.04 +21 22.9 22.8	-0.96 - 0.5	0.5/13.9	40464
2003 US ₂₇₇	2009 12 13.9	05 25.05 +43 26.0 19.2	-1.20 + 4.0	8.0/13.9	63670
2002 KA ₁	2009 12 13.9	05 25.06 +31 40.9 20.5	-1.40 - 2.0	3.3/14.5	35811
2006 AJ ₇₁	2009 12 13.9	05 25.07 +14 37.2 20.5	-0.95 + 0.4	3.0/13.7	57037
2001 RH ₃₀	2009 12 13.9	05 25.07 +30 33.1 21.1	-1.23 - 0.8	2.8/14.3	90074
2008 SC ₁₄₆	2009 12 13.9	05 25.14 +20 16.9 20.0	-0.88 - 2.5	0.9/13.8	65603
2002 US ₇₅	2009 12 13.9	05 25.17 +17 40.4 19.7	-1.14 - 1.7	2.6/13.7	66143
2003 UD ₁₃₅	2009 12 14.0	05 25.09 +12 05.5 20.1	-0.85 - 2.1	3.3/13.3	64212
2004 RJ ₃₁₇	2009 12 14.0	05 25.11 +09 39.2 20.6	-0.95 - 2.1	4.4/13.2	43212
2002 PG ₁₅₈	2009 12 14.0	05 25.12 +35 31.2 19.8	-1.01 - 2.1	4.0/14.8	43159
2005 TP ₂₆	2009 12 14.0	05 25.14 +25 30.2 19.7	-1.10 + 0.2	1.1/14.1	43234
2005 SE ₅₀	2009 12 14.0	05 25.15 +27 01.1 20.3	-1.16 - 0.4	1.7/14.2	66209
2008 QN ₁₁	2009 12 14.0	05 25.16 +35 28.8 21.0	-1.10 - 1.0	3.7/14.7	49035
2003 QR ₈₉	2009 12 14.0	05 25.19 +40 59.1 21.5	-1.15 - 2.4	4.5/15.2	21797
2007 GE ₇₅	2009 12 14.0	05 25.21 +22 15.1 20.0	-1.06 + 2.7	0.3/14.0	66282
2008 RS ₁₁	2009 12 14.0	05 25.22 +05 21.5 21.3	-0.94 - 0.4	5.9/13.2	46644
2006 BH ₄₄	2009 12 14.0	05 25.24 +32 32.0 19.7	-1.07 - 2.3	3.6/14.7	03841
2004 TQ ₂₂₄	2009 12 14.0	05 25.26 +21 43.7 20.5	-1.02 - 1.1	0.5/14.0	47320
2001 RK ₁₅₂	2009 12 14.0	05 25.32 +24 06.8 18.4	-1.16 + 2.4	0.4/14.1	66105
2006 DA ₁₇₃	2009 12 14.0	05 25.33 +09 27.9 21.7	-0.82 - 0.1	4.0/13.5	43263

2007 DT ₆₅	2009 12 14.0	05 25.42 +20 46.0 19.9	-1.16 + 0.8	1.1/14.0	66271
2005 TA ₆₄	2009 12 14.0	05 25.42 +58 09.9 19.6	-2.00 + 5.1	14.0/13.0	19656
2004 UW ₂	2009 12 14.0	05 25.42 +14 31.1 19.9	-1.01 + 2.4	3.4/14.0	97766
2004 RQ ₂₅₅	2009 12 14.0	05 25.43 +27 06.0 19.5	-1.16 + 4.2	1.5/14.1	65399
2006 AB ₇₅	2009 12 14.0	05 25.44 +06 10.5 20.6	-1.01 + 4.2	6.2/14.4	01217
2005 YS ₁₂₃	2009 12 14.0	05 25.45 +17 08.2 19.6	-1.09 + 4.4	2.3/14.1	96778
2005 SU ₇₈	2009 12 14.0	05 25.45 +22 26.3 20.7	-1.17 - 0.2	0.3/14.0	21829
2008 KX ₁₀	2009 12 14.0	05 25.54 +13 13.3 19.1	-1.10 + 0.3	4.2/13.8	66320
2001 NP ₁₉	2009 12 14.0	05 25.57 -09 49.2 20.1	-1.04 + 2.3	10.7/13.8	47167
2005 TU ₁₄	2009 12 14.1	05 25.52 +28 46.6 19.1	-1.25 + 2.6	2.5/14.2	97848
2003 UY ₁₂₇	2009 12 14.1	05 25.53 +21 37.8 19.3	-0.90 - 3.4	0.5/14.0	59714
2002 HO ₁₂	2009 12 14.1	05 25.55 +20 29.1 19.6	-1.04 + 3.7	0.8/14.1	89283
2004 FH ₃₆	2009 12 14.1	05 25.56 +23 28.9 20.5	-1.18 + 0.2	0.1/14.1	66170
2005 YQ ₂₉	2009 12 14.1	05 25.56 +21 08.0 20.5	-1.10 - 0.2	0.8/14.0	04366
2004 XM ₇₀	2009 12 14.1	05 25.56 +20 24.0 19.2	-1.00 - 6.8	1.1/13.8	66192
2004 TL ₉₀	2009 12 14.1	05 25.57 +30 17.9 20.2	-1.08 - 0.9	2.4/14.5	47317
2004 DF ₄₆	2009 12 14.1	05 25.59 +21 39.3 19.6	-1.18 - 3.0	0.6/14.0	12869
2005 YX ₁₃₂	2009 12 14.1	05 25.60 +24 56.4 20.0	-1.09 + 1.5	0.6/14.2	20832
2003 OE ₃₃	2009 12 14.1	05 25.66 +19 48.6 19.6	-0.93 - 3.3	1.1/13.9	66153
2008 QE ₁₀	2009 12 14.1	05 25.71 +04 39.7 21.5	-0.91 - 0.3	5.4/13.4	58609
1062 T-3	2009 12 14.1	05 25.73 +24 19.2 18.8	-1.19 - 3.9	0.5/14.2	66429
2002 CH ₁₁₁	2009 12 14.1	05 25.73 +09 22.6 19.7	-0.96 + 0.4	5.9/13.6	41778
2008 RK ₁₁₀	2009 12 14.1	05 25.75 +20 52.0 20.4	-0.91 - 1.2	0.7/14.0	66324
2005 QR ₂₈	2009 12 14.1	05 25.76 +21 16.6 21.1	-1.19 - 1.4	0.7/14.0	39220
2006 YR ₃₄	2009 12 14.1	05 25.76 +26 26.3 20.4	-1.28 + 2.0	1.6/14.2	14507
2005 ST ₅₅	2009 12 14.1	05 25.77 +22 44.9 20.6	-1.18 - 0.8	0.2/14.1	09368
2006 EJ ₄₇	2009 12 14.1	05 25.78 +38 09.6 21.0	-1.06 - 0.5	4.4/14.9	47400
1999 XZ ₁₄₄	2009 12 14.1	05 25.78 +16 07.7 19.7	-0.95 - 3.7	2.6/13.6	2700
2004 JC ₃₅	2009 12 14.1	05 25.79 +14 46.2 19.1	-1.07 - 2.0	3.3/13.7	40685
2004 LH ₁₇	2009 12 14.1	05 25.82 +24 34.4 19.6	-1.16 - 2.9	0.5/14.2	66173
1999 VD ₁₀₈	2009 12 14.1	05 25.83 +31 56.8 18.8	-1.12 + 4.0	3.3/14.2	66089
2005 SQ ₁₆₄	2009 12 14.1	05 25.83 +17 26.2 19.0	-1.09 + 3.0	2.6/14.1	66212
2002 GC ₆₉	2009 12 14.1	05 25.83 +29 05.7 19.9	-1.08 + 0.8	2.2/14.3	66131
2006 BU ₂₂₄	2009 12 14.1	05 25.84 +16 11.9 20.2	-0.95 - 0.7	2.5/13.8	48991
2007 DH ₁₀₀	2009 12 14.1	05 25.86 +20 26.2 20.6	-1.12 - 0.5	1.0/14.0	47420
2005 YG ₄₃	2009 12 14.1	05 25.86 +18 10.9 19.8	-1.01 + 0.6	2.0/14.0	58522
2004 PR ₁₀₆	2009 12 14.1	05 25.93 +00 05.9 20.9	-0.95 + 1.1	8.3/13.7	41809
2005 SE ₂₇₉	2009 12 14.1	05 25.94 +22 47.4 19.7	-1.04 - 0.7	0.2/14.2	09386
2005 MO ₁₈	2009 12 14.1	05 25.96 +23 04.6 20.0	-1.22 - 1.7	0.1/14.2	65424
2006 HS ₆₇	2009 12 14.1	05 25.97 +23 36.1 20.2	-0.93 - 0.8	0.1/14.2	66260
2007 CQ ₄₉	2009 12 14.1	05 25.97 +13 36.9 19.9	-1.09 - 1.1	4.5/13.7	20531
2004 RB ₁₀₀	2009 12 14.1	05 26.00 +07 08.3 19.9	-0.95 - 1.4	5.8/13.4	48937
2006 BW ₁₁₈	2009 12 14.1	05 26.00 +27 29.2 20.5	-1.07 - 0.9	1.7/14.4	66251
2002 PW ₅₅	2009 12 14.1	05 26.01 -04 55.3 21.7	-0.75 + 0.2	6.2/13.3	19583
2007 HT ₇₉	2009 12 14.1	05 26.02 +19 04.5 20.2	-1.00 - 1.2	1.6/14.0	47432
2007 CX ₄₀	2009 12 14.1	05 26.03 +30 05.7 20.8	-1.25 - 1.8	2.7/14.5	49016
2006 AC ₁₀₁	2009 12 14.2	05 26.02 +14 07.6 20.2	-0.96 + 1.0	3.4/14.0	47376
2007 LC ₈	2009 12 14.2	05 26.04 +16 28.4 19.5	-0.90 + 1.9	2.1/14.1	47436
2002 XY ₁₁	2009 12 14.2	05 26.05 +36 13.2 19.0	-1.33 - 2.1	6.5/15.2	59690
2003 SS ₆₉	2009 12 14.2	05 26.07 +07 43.2 19.7	-0.85 - 2.1	5.6/13.2	48897
2006 HL ₂₁	2009 12 14.2	05 26.20 +18 03.4 20.8	-0.90 - 0.1	1.7/14.0	58528

2000 BV ₄₃	2009 12 14.2	05 26.20 +28 13.5 20.1	-1.23	- 2.3	2.2/14.5	59653
2006 DV ₁₅₉	2009 12 14.2	05 26.22 +29 42.8 22.6	-0.93	- 0.7	1.7/14.6	02299
2008 SW ₂₅₈	2009 12 14.2	05 26.24 +12 15.5 21.3	-0.84	- 2.1	3.2/13.6	46905
2000 SM ₁₃₅	2009 12 14.2	05 26.24 +05 44.9 18.5	-0.89	- 6.3	8.2/12.3	20736
2002 LP ₂₂	2009 12 14.2	05 26.26 +31 44.9 20.0	-1.15	+ 4.1	2.9/14.2	97604
2005 EX ₁₀₇	2009 12 14.2	05 26.28 +14 38.1 20.1	-0.85	+ 0.4	2.8/14.0	52123
2006 RM ₃	2009 12 14.2	05 26.29 +65 50.5 20.2	-2.44	- 0.7	22.2/18.2	22823
2007 HV ₅₇	2009 12 14.2	05 26.29 +18 35.6 20.5	-0.99	0.0	1.5/14.1	43282
2007 DG ₃₆	2009 12 14.2	05 26.29 +20 26.9 21.6	-1.03	- 1.8	0.9/14.1	43273
2004 GF ₅₂	2009 12 14.2	05 26.31 +12 54.3 20.2	-1.09	- 1.7	4.2/13.7	21811
2007 GJ ₆₃	2009 12 14.2	05 26.31 +28 28.6 20.9	-1.03	0.0	1.8/14.5	66282
2006 AW ₇₂	2009 12 14.2	05 26.35 +24 10.5 20.3	-1.05	+ 0.8	0.3/14.3	66248
2006 BX ₁₇₆	2009 12 14.2	05 26.35 +17 50.4 19.6	-0.97	+ 1.4	1.8/14.2	66252
2002 PF ₄	2009 12 14.2	05 26.36 +12 01.3 20.6	-0.83	- 1.4	3.3/13.7	50931
2004 VA ₈	2009 12 14.2	05 26.38 +21 08.8 19.8	-0.98	- 0.1	0.8/14.2	66189
2001 SG ₁₅₆	2009 12 14.2	05 26.41 +14 31.7 19.2	-1.00	- 4.2	4.2/13.6	43128
2003 UR ₂₅₉	2009 12 14.2	05 26.47 +03 27.2 18.8	-0.87	- 7.7	6.6/11.8	66163
2005 UH ₁₅	2009 12 14.2	05 26.48 +20 53.5 20.4	-1.11	- 0.9	1.0/14.2	41829
2005 QA ₁	2009 12 14.2	05 26.52 +29 01.9 21.5	-1.27	- 2.1	2.2/14.6	90222
2006 BM ₂	2009 12 14.3	05 26.44 +05 45.8 19.5	-0.96	+ 2.4	7.0/14.0	02271
2004 SE	2009 12 14.3	05 26.44 -02 01.1 19.8	-1.04	-11.5	9.9/10.3	73200
2002 VA ₁₇	2009 12 14.3	05 26.45 +16 54.5 19.6	-1.15	- 4.3	2.6/13.8	65346
2007 EX ₅₉	2009 12 14.3	05 26.47 +11 19.7 20.9	-1.00	- 0.9	4.3/13.8	41327
2005 WU ₉₃	2009 12 14.3	05 26.48 +26 46.3 19.8	-1.20	+ 0.2	1.5/14.4	43244
2001 SU ₂₂₈	2009 12 14.3	05 26.53 +20 32.4 20.1	-1.12	- 0.1	1.0/14.2	66107
2005 RC ₂₃	2009 12 14.3	05 26.54 +31 44.3 21.0	-1.32	- 1.7	3.8/14.8	90243
2005 BB ₂₉	2009 12 14.3	05 26.55 +17 16.9 19.4	-0.90	+ 1.9	2.0/14.2	42737
2005 QR ₁₄₆	2009 12 14.3	05 26.55 +34 52.4 20.9	-1.36	- 0.4	4.6/14.8	09345
2002 CS ₆₁	2009 12 14.3	05 26.57 +12 35.8 19.3	-1.08	+ 6.2	4.6/14.6	94585
2003 WF ₁₀₂	2009 12 14.3	05 26.57 +19 10.4 19.4	-0.88	- 1.2	1.4/14.1	47280
2007 BW	2009 12 14.3	05 26.62 +29 31.9 20.0	-1.25	- 2.6	2.5/14.7	40706
2005 TS ₈₉	2009 12 14.3	05 26.62 +26 59.6 21.3	-1.23	- 0.1	1.5/14.5	21843
2007 DN ₉₂	2009 12 14.3	05 26.67 +25 32.3 20.2	-1.12	- 0.6	0.8/14.5	66272
2001 PF ₁₀	2009 12 14.3	05 26.68 +23 47.9 20.2	-1.18	- 1.5	0.2/14.4	17934
2007 LD ₂₄	2009 12 14.3	05 26.71 +07 56.4 20.8	-0.86	- 1.0	4.8/13.6	47436
2008 RZ ₅	2009 12 14.3	05 26.72 +37 15.4 20.3	-1.04	- 1.9	4.5/15.3	46642
2005 NX ₃₆	2009 12 14.3	05 26.73 +14 24.7 19.9	-1.16	+ 0.6	3.6/14.1	51018
2002 CP ₃₂	2009 12 14.3	05 26.73 +44 42.1 19.0	-1.29	- 1.4	9.4/15.7	22696
2002 AE ₆₆	2009 12 14.3	05 26.74 +22 24.4 19.8	-1.06	- 1.6	0.3/14.3	66123
2005 QT ₉₈	2009 12 14.3	05 26.75 +34 11.2 19.5	-1.32	- 0.4	4.5/14.9	14746
2008 QJ ₁₉	2009 12 14.3	05 26.76 +02 46.9 19.6	-0.82	- 0.7	7.1/13.5	66322
2004 SS ₆₀	2009 12 14.3	05 26.76 +30 15.7 19.1	-1.06	- 3.5	2.6/14.9	41816
2004 PW ₁₀	2009 12 14.3	05 26.79 +28 50.2 19.4	-1.14	- 2.5	2.0/14.7	43203
2005 SS ₂₁₂	2009 12 14.3	05 26.80 +10 25.6 20.7	-1.08	- 2.6	4.5/13.6	47353
2005 YL ₁₃	2009 12 14.3	05 26.83 +22 00.0 19.9	-1.03	- 0.7	0.5/14.3	96670
2006 AS ₆₅	2009 12 14.3	05 26.83 +30 12.5 20.4	-1.07	- 1.8	2.5/14.8	53464
1995 CM ₄	2009 12 14.3	05 26.85 +20 48.5 20.3	-0.93	- 0.9	0.9/14.3	47126
2004 PJ ₁₂	2009 12 14.3	05 26.85 +32 22.3 20.2	-1.15	- 1.9	3.3/14.9	58479
2005 SM ₂₃	2009 12 14.3	05 26.87 +34 34.3 20.4	-1.31	+ 0.5	4.8/14.8	97811
2003 SC ₈₇	2009 12 14.3	05 26.88 +29 30.9 19.6	-1.02	+ 1.3	2.1/14.6	47258
2001 SK ₃₄₇	2009 12 14.3	05 26.89 +55 17.7 21.1	-1.77	+ 1.3	10.5/15.7	59668

2003 SO ₃₀₆	2009 12 14.4	05 26.85 +39 48.4 20.1	-1.08	- 0.9	5.1/15.3	47264
2006 CP ₅₉	2009 12 14.4	05 26.86 +31 51.1 21.0	-1.03	- 1.1	2.8/14.8	47388
2007 EW ₂₂	2009 12 14.4	05 26.88 +29 55.0 20.6	-1.17	- 0.7	2.5/14.7	20852
2003 UA ₁₀₉	2009 12 14.4	05 26.92 +20 17.4 20.4	-0.89	- 1.5	0.9/14.3	47271
2000 DC ₇₂	2009 12 14.4	05 26.95 +45 18.6 19.9	-1.14	- 0.5	6.6/15.5	47143
2003 UC ₁₃₅	2009 12 14.4	05 26.96 +25 30.4 20.1	-0.95	- 0.8	0.8/14.5	66162
2005 CG ₆	2009 12 14.4	05 27.07 +28 44.8 19.3	-0.95	- 1.2	1.9/14.7	66195
2007 EQ ₆₇	2009 12 14.4	05 27.07 +20 16.0 21.6	-1.10	- 0.5	1.1/14.3	19714
2007 HQ ₉₀	2009 12 14.4	05 27.09 +25 11.6 21.4	-1.13	- 0.2	0.7/14.5	47433
4513 P-L	2009 12 14.4	05 27.09 +27 51.6 19.1	-1.19	+ 0.8	2.3/14.6	66428
2005 AZ ₆₀	2009 12 14.4	05 27.10 +11 09.5 19.2	-0.88	+ 2.3	4.1/14.3	66194
2005 YB ₂₅₇	2009 12 14.4	05 27.11 +28 15.7 19.3	-1.09	- 4.8	1.8/14.9	66245
2001 SR ₇₄	2009 12 14.4	05 27.12 +22 40.5 18.0	-1.10	- 3.7	0.2/14.4	66106
2008 ST ₄₀	2009 12 14.4	05 27.12 +36 56.3 21.0	-1.03	- 0.5	4.3/15.1	50229
2004 NL ₂	2009 12 14.4	05 27.17 +24 07.0 19.9	-1.10	+ 0.8	0.3/14.5	66174
2005 SO ₁₉₂	2009 12 14.4	05 27.17 +19 15.8 19.3	-1.05	- 1.1	1.9/14.3	66213
2005 RW ₄₀	2009 12 14.4	05 27.23 +32 33.5 21.0	-1.30	- 1.8	3.6/15.0	00977
2003 BK ₅₄	2009 12 14.4	05 27.27 +22 13.2 19.3	-1.11	- 2.4	0.4/14.4	66148
2005 GT ₆₉	2009 12 14.4	05 27.32 +24 39.4 20.8	-0.86	- 0.9	0.4/14.6	86696
2001 XQ ₁₆₁	2009 12 14.4	05 27.33 +20 11.0 19.2	-1.03	- 3.2	1.4/14.3	66119
2001 TW ₆₉	2009 12 14.4	05 27.34 +24 51.9 20.1	-1.12	- 1.6	0.8/14.6	66109
2006 FR ₁₀	2009 12 14.4	05 27.38 +22 48.7 21.4	-0.92	- 0.4	0.1/14.5	46449
2003 BA ₇₄	2009 12 14.4	05 27.40 +33 48.8 20.5	-1.22	+ 0.2	3.6/14.8	47241
2005 RB ₂₅	2009 12 14.5	05 27.31 +32 36.6 18.8	-1.27	- 4.0	4.1/15.3	65438
2005 SU ₁₈₀	2009 12 14.5	05 27.33 +33 52.2 19.8	-1.28	+ 1.1	4.7/14.8	21836
2006 GP ₅₁	2009 12 14.5	05 27.34 +28 57.4 20.6	-0.91	- 0.4	1.6/14.8	58527
2006 DR ₆₉	2009 12 14.5	05 27.35 +09 54.4 20.2	-0.85	- 0.4	4.0/14.0	47393
2007 DH ₃₁	2009 12 14.5	05 27.40 +26 09.5 20.4	-1.18	- 0.6	1.4/14.6	66270
2004 FB ₁₃₇	2009 12 14.5	05 27.41 +27 03.7 20.1	-1.21	+ 2.2	1.4/14.6	66171
2008 RH ₁₁₁	2009 12 14.5	05 27.42 +21 42.5 20.8	-0.89	- 0.2	0.4/14.5	50200
2002 RK ₂₂₄	2009 12 14.5	05 27.43 +27 59.5 19.4	-0.91	- 2.3	1.4/14.8	48878
2005 UN ₁₀₃	2009 12 14.5	05 27.44 +22 56.7 19.4	-1.07	+ 0.6	0.1/14.5	21845
2001 TC ₂₃₃	2009 12 14.5	05 27.46 +13 31.9 19.7	-1.06	+ 1.7	4.2/14.4	17962
2002 AX ₁₂₅	2009 12 14.5	05 27.46 +57 54.5 20.1	-1.91	- 3.6	11.7/16.2	74128
2002 QQ ₁₁₀	2009 12 14.5	05 27.52 +17 26.8 20.5	-0.86	- 0.4	1.8/14.3	57976
2002 LA	2009 12 14.5	05 27.57 -08 40.8 20.6	-0.98	+ 3.9	9.6/14.3	22704
2007 DE ₉₉	2009 12 14.5	05 27.57 +18 17.9 20.2	-1.12	0.0	1.9/14.4	66272
2005 SL ₆₃	2009 12 14.5	05 27.59 +19 38.3 20.7	-1.10	- 1.3	1.7/14.4	97816
2008 RM ₁₀₀	2009 12 14.5	05 27.62 +11 48.9 19.1	-0.74	- 0.6	3.7/14.0	66324
2004 RZ ₂₀₈	2009 12 14.5	05 27.64 +24 09.7 19.9	-1.07	- 4.0	0.3/14.6	66179
2006 BU ₇₀	2009 12 14.5	05 27.72 +25 49.2 19.7	-1.05	+ 1.2	1.0/14.6	65511
2006 HF ₁₂	2009 12 14.5	05 27.76 +05 19.4 21.1	-0.78	- 1.4	4.8/13.6	47406
2005 YW ₁₂₁	2009 12 14.5	05 27.77 +25 06.7 19.6	-1.05	+ 1.3	0.9/14.6	98053
2008 PA	2009 12 14.6	05 27.74 +15 15.3 22.7	-1.11	+ 0.5	2.8/14.4	43304
2006 BW ₁₀₂	2009 12 14.6	05 27.75 +16 09.0 20.8	-0.96	- 0.1	2.6/14.3	53469
2005 UO ₄₃₁	2009 12 14.6	05 27.76 +16 36.0 20.6	-1.04	- 2.1	2.8/14.2	66227
2005 YR ₂₅	2009 12 14.6	05 27.80 +17 23.8 19.1	-1.01	+ 2.3	2.6/14.5	66240
2007 GT ₅₃	2009 12 14.6	05 27.80 +16 36.8 20.8	-0.88	- 0.5	2.0/14.3	66282
2002 CZ ₃₆	2009 12 14.6	05 27.81 +29 12.3 20.6	-1.14	- 1.3	2.5/14.9	94577
2007 EB ₁₂₁	2009 12 14.6	05 27.81 +25 17.9 21.1	-1.14	- 0.7	0.7/14.7	47423
2000 SN ₁₃₈	2009 12 14.6	05 27.82 +17 31.3 19.4	-1.06	- 2.2	2.1/14.3	60732

2003 WW ₈	2009 12 14.6	05 27.83 +40 51.5 19.7	-1.12 + 1.7	6.0/15.1	43192	2001 RU ₂₅	2009 12 14.7	05 28.72 +25 59.4 20.7	-1.20 - 0.9	1.1/14.9	10785
2004 TQ ₁₀₉	2009 12 14.6	05 27.94 +26 48.4 18.4	-1.04 + 1.9	1.5/14.7	65404	2004 RS ₁₉	2009 12 14.8	05 28.62 +16 10.5 20.1	-1.01 0.0	2.6/14.6	47302
2003 ST ₃₂₇	2009 12 14.6	05 27.96 +36 59.6 20.1	-1.09 + 1.7	4.9/15.0	10990	2007 EA ₂₁₄	2009 12 14.8	05 28.71 +20 22.1 20.4	-1.12 - 0.1	1.2/14.7	20581
2000 RU ₈₀	2009 12 14.6	05 27.97 +40 13.4 19.2	-1.25 - 2.4	6.4/15.8	41757	2001 SJ ₃₀₁	2009 12 14.8	05 28.72 +21 53.2 19.6	-1.07 - 1.6	0.6/14.7	19546
2005 YF ₂₉	2009 12 14.6	05 27.97 +26 58.2 21.3	-1.03 - 1.3	1.2/14.8	47366	2008 OZ ₂₁	2009 12 14.8	05 28.73 +44 29.1 19.5	-1.15 - 2.9	6.5/16.6	51071
2006 SA ₂₉₂	2009 12 14.6	05 28.04 +41 12.8 19.2	-1.92 +12.8	8.6/13.1	58543	2004 RG ₂₁₅	2009 12 14.8	05 28.74 +37 43.5 19.2	-1.22 - 5.0	5.5/16.3	95416
2001 UT ₁₈₂	2009 12 14.6	05 28.05 +20 55.5 20.2	-1.13 + 0.3	0.9/14.6	66113	1995 UE ₆₇	2009 12 14.8	05 28.74 +30 27.8 20.5	-0.63 - 0.5	1.4/15.2	48805
2008 SX ₂₅₆	2009 12 14.6	05 28.06 +26 12.1 19.7	-0.91 + 1.3	0.8/14.7	46904	2004 FY	2009 12 14.8	05 28.75 +12 07.7 20.2	-1.13 - 0.4	4.4/14.4	47291
2000 EH ₁₂₃	2009 12 14.6	05 28.08 +18 40.8 19.8	-0.90 - 0.1	1.5/14.5	66092	2007 BU ₇₈	2009 12 14.8	05 28.76 +17 00.5 21.0	-1.13 + 0.2	2.4/14.6	40449
2001 XV ₉₄	2009 12 14.6	05 28.08 +17 03.3 17.8	-1.41 -22.5	3.3/13.3	65319	2005 YG ₁₈₅	2009 12 14.8	05 28.77 +08 27.1 19.1	-1.01 + 6.0	6.5/15.3	20474
2007 DS ₉₀	2009 12 14.6	05 28.08 +20 46.5 20.8	-1.10 - 0.1	0.9/14.6	22878	2007 MX ₁₆	2009 12 14.8	05 28.80 +05 55.1 20.4	-0.85 + 0.2	5.5/14.3	58567
2007 FR ₄₄	2009 12 14.6	05 28.15 +20 59.1 21.6	-1.11 - 0.9	0.9/14.6	31527	2008 QK ₂₃	2009 12 14.8	05 28.80 +14 43.3 21.0	-0.86 - 1.8	2.5/14.4	46622
2008 QM ₁₇	2009 12 14.6	05 28.16 +42 39.7 20.7	-1.22 - 0.8	5.9/15.7	50147	2002 AJ ₂₂	2009 12 14.8	05 28.83 +38 52.7 19.0	-1.21 - 5.0	6.6/16.3	47194
2007 CU ₃₅	2009 12 14.6	05 28.17 +25 51.9 20.6	-1.29 - 1.0	1.2/14.8	47418	2007 HL ₉₀	2009 12 14.8	05 28.83 +18 33.5 20.6	-1.01 + 2.4	1.5/14.8	66285
2005 UQ ₂₄₉	2009 12 14.6	05 28.17 +23 19.3 20.7	-1.14 0.0	0.0/14.7	96232	2006 JB ₆₁	2009 12 14.8	05 28.83 +27 24.7 20.2	-0.96 + 0.3	1.4/15.0	47412
2005 QM ₅₃	2009 12 14.6	05 28.20 +12 57.9 20.0	-1.13 + 0.9	4.4/14.5	40138	2003 UP ₃₀₅	2009 12 14.8	05 28.88 +38 26.4 21.1	-1.06 - 0.7	4.4/15.6	48912
2007 MF ₁₃	2009 12 14.6	05 28.21 +09 01.7 20.4	-0.88 + 3.0	4.1/14.7	43285	2004 TW ₆₇	2009 12 14.8	05 28.93 +07 36.9 19.3	-0.94 + 1.2	6.0/14.6	47316
2004 TW ₂₀₆	2009 12 14.6	05 28.21 +10 26.2 20.2	-0.93 - 4.0	4.4/13.6	47320	2007 DS ₉₉	2009 12 14.8	05 28.98 +12 45.8 20.5	-1.09 + 1.4	4.9/14.7	55308
2000 OO	2009 12 14.6	05 28.23 +37 08.4 19.0	-1.27 - 4.2	5.1/15.9	41756	2005 MC ₁₂	2009 12 14.8	05 29.01 +27 42.8 21.3	-1.29 - 3.2	1.8/15.2	87687
2003 AP ₉₁	2009 12 14.6	05 28.26 +30 39.3 18.4	-1.18 + 5.0	3.9/14.6	66147	2003 QC ₂₉	2009 12 14.8	05 29.04 +11 35.1 22.9	-0.92 - 0.6	3.1/14.4	21329
2002 XW ₆₄	2009 12 14.6	05 28.29 +20 35.7 17.8	-1.52 +19.2	1.3/15.1	66146	2004 RQ ₂₀₁	2009 12 14.8	05 29.05 +11 35.5 18.2	-0.89 - 2.8	5.3/14.1	66179
2000 SV ₆₉	2009 12 14.7	05 28.19 +44 48.6 19.2	-1.31 + 1.0	9.3/15.5	99974	2005 ST ₂₃₃	2009 12 14.8	05 29.11 +25 48.8 20.8	-1.17 - 0.4	1.1/15.0	97841
2005 SS ₂₅₉	2009 12 14.7	05 28.19 +26 57.2 20.5	-1.21 - 2.5	1.4/14.9	16314	2007 EY ₇₄	2009 12 14.8	05 29.16 +19 38.8 20.0	-1.11 - 1.5	1.6/14.7	41866
2000 HQ ₁₅	2009 12 14.7	05 28.20 +54 30.0 19.2	-1.52 + 5.0	9.9/13.8	47145	2003 UW ₁₇₀	2009 12 14.9	05 29.08 +15 37.6 19.4	-0.87 - 3.0	2.5/14.4	66162
2002 RG ₁₇₅	2009 12 14.7	05 28.23 +21 00.2 21.5	-1.22 - 2.6	0.9/14.6	56886	2008 QG ₉	2009 12 14.9	05 29.10 +14 44.5 20.9	-0.86 - 0.3	2.5/14.6	47453
2005 YJ ₂₃	2009 12 14.7	05 28.23 +19 48.0 20.8	-1.01 + 0.9	1.2/14.6	98035	2001 XB ₂₁₅	2009 12 14.9	05 29.10 +30 47.4 18.8	-1.19 + 0.6	3.2/15.1	62333
2002 CT ₁₇₁	2009 12 14.7	05 28.25 +11 34.0 19.6	-1.00 + 2.6	4.5/14.6	20761	2008 HH ₄₆	2009 12 14.9	05 29.15 +25 58.9 21.8	-1.25 + 1.1	1.0/15.0	40604
2002 PD ₁₇₅	2009 12 14.7	05 28.25 +23 28.5 20.9	-0.90 + 0.8	0.1/14.7	47223	2005 UV ₃₆₃	2009 12 14.9	05 29.20 +16 05.4 21.4	-1.08 - 1.3	2.5/14.6	11145
2005 YQ ₅₈	2009 12 14.7	05 28.32 +23 35.6 20.5	-1.03 + 0.4	0.1/14.7	20830	2004 TY ₃₅₀	2009 12 14.9	05 29.23 +26 43.3 19.8	-1.03 + 1.3	1.3/15.0	66188
2000 HA ₃₄	2009 12 14.7	05 28.32 +01 53.9 19.7	-0.83 - 2.2	6.7/13.2	47145	2000 UB ₇₆	2009 12 14.9	05 29.24 +03 36.6 18.8	-0.98 - 8.0	7.5/12.5	21300
2006 FZ ₇	2009 12 14.7	05 28.33 +21 52.6 20.5	-0.90 - 0.5	0.4/14.7	66258	2005 BZ ₂₄	2009 12 14.9	05 29.24 +21 00.5 19.5	-0.93 + 0.2	0.9/14.9	66195
2008 SP ₁₄₃	2009 12 14.7	05 28.39 +27 00.8 20.1	-0.63 + 0.4	0.7/14.9	65602	2004 NA ₉	2009 12 14.9	05 29.24 +38 47.5 20.8	-1.29 - 2.3	5.1/15.9	47295
2006 BW ₈₉	2009 12 14.7	05 28.41 +17 41.3 19.6	-0.97 + 0.7	2.0/14.6	66250	2001 US ₅₆	2009 12 14.9	05 29.27 +26 50.3 20.6	-1.18 - 0.9	1.5/15.1	13822
2005 QK ₁₆₇	2009 12 14.7	05 28.41 +07 16.7 18.0	-1.02 - 6.6	8.1/13.3	90239	2005 XU ₇₀	2009 12 14.9	05 29.28 +26 42.0 19.1	-1.17 + 0.2	1.4/15.1	66239
2000 GX ₁₃₉	2009 12 14.7	05 28.41 +25 37.0 20.2	-1.20 + 1.4	0.9/14.8	17911	2006 BA ₁	2009 12 14.9	05 29.31 +21 53.7 18.9	-1.02 - 3.2	0.6/14.9	43252
2005 YK ₁₈₈	2009 12 14.7	05 28.42 +18 49.1 20.2	-1.02 + 1.6	1.7/14.7	66244	2005 WZ ₁₅₇	2009 12 14.9	05 29.32 +39 17.2 18.2	-1.65 +20.0	7.8/12.4	66235
2003 UV ₁₂₀	2009 12 14.7	05 28.43 +24 06.5 19.2	-0.94 - 0.1	0.3/14.8	59714	2004 TM ₁₈₇	2009 12 14.9	05 29.33 +32 48.7 20.2	-1.12 0.0	3.5/15.3	47319
2002 PJ ₁₀₁	2009 12 14.7	05 28.43 +23 04.4 20.1	-0.89 - 3.0	0.0/14.7	66134	2001 SM ₂₃	2009 12 14.9	05 29.37 +16 55.8 19.8	-1.08 - 0.9	2.6/14.7	66106
2000 TL ₃₈	2009 12 14.7	05 28.44 +28 04.8 20.0	-1.18 + 0.6	1.7/14.9	55919	2008 SO ₁₄₉	2009 12 14.9	05 29.38 +19 18.6 19.4	-0.92 - 3.3	1.3/14.7	46837
2004 PS ₅₈	2009 12 14.7	05 28.46 +15 20.4 21.2	-1.01 - 0.5	2.7/14.5	41808	2007 EL ₁₆	2009 12 14.9	05 29.38 +13 48.3 19.1	-1.11 + 1.1	4.1/14.7	64311
2008 SC ₂₃	2009 12 14.7	05 28.46 +23 49.1 20.5	-0.96 - 1.0	0.2/14.8	66326	2001 OA ₇₆	2009 12 14.9	05 29.38 +25 38.0 21.1	-1.18 - 1.0	0.9/15.1	93960
2004 PX ₆₈	2009 12 14.7	05 28.51 +16 53.3 22.1	-1.01 - 0.9	2.0/14.5	09049	2004 XE ₈₉	2009 12 14.9	05 29.39 +30 55.6 19.5	-1.04 0.0	2.8/15.3	66192
2006 DL ₈₈	2009 12 14.7	05 28.51 +08 33.6 21.2	-0.83 - 0.5	4.3/14.2	48995	2008 PY ₁₄	2009 12 14.9	05 29.41 +42 55.9 20.6	-1.15 - 3.0	6.2/16.6	50137
2004 TQ ₂₀₄	2009 12 14.7	05 28.52 +27 40.0 20.4	-1.03 + 0.3	1.5/14.9	47320	2002 CX ₅	2009 12 14.9	05 29.43 +20 24.1 18.6	-1.01 + 0.9	1.3/14.9	66125
2005 RA ₁₁	2009 12 14.7	05 28.55 +10 00.7 19.3	-1.05 - 2.7	6.2/14.1	33457	2005 SR ₁₁₈	2009 12 14.9	05 29.43 +26 19.2 20.0	-1.23 + 2.1	1.2/15.0	57429
2007 HV ₆₅	2009 12 14.7	05 28.57 +25 15.2 20.1	-1.03 + 0.7	0.7/14.8	66284	2000 TO ₈	2009 12 14.9	05 29.43 +34 13.4 19.9	-1.17 0.0	4.1/15.4	19529
2005 TF ₅	2009 12 14.7	05 28.64 +19 59.1 20.5	-1.13 - 3.2	1.4/14.6	97846	2007 JO ₃	2009 12 14.9	05 29.47 +06 21.6 19.8	-0.97 - 2.3	6.1/13.9	49021
1995 WB ₁₂	2009 12 14.7	05 28.64 +19 15.5 20.7	-1.16 + 1.2	1.6/14.7	66082	2005 NX ₂₈	2009 12 14.9	05 29.48 +15 15.3 20.4	-1.13 - 0.3	3.7/14.7	40135
1995 YG ₉	2009 12 14.7	05 28.67 +15 11.8 19.8	-1.11 + 1.4	3.2/14.6	60272	2008 QB ₃₆	2009 12 14.9	05 29.49 +34 43.5 20.7	-1.09 - 1.1	3.6/15.6	49037
2005 SZ ₂₀₂	2009 12 14.7	05 28.67 +18 48.1 20.2	-1.16 - 3.3	1.7/14.5	95918	2004 RT ₁₆₅	2009 12 14.9	05 29.53 +01 15.8 19.8	-0.99 + 4.5	8.3/15.7	95390
2001 UV ₃₀	2009 12 14.7	05 28.68 +14 38.2 20.1	-1.06 - 1.6	3.4/14.4	16176	2006 DJ ₄₁	2009 12 14.9	05 29.55 +10 46.5 20.5	-0.95 - 0.8	4.3/14.4	02291

2002 XD ₄₂	2009 12 14.9	05 29.58 +22 10.7 19.2	-1.09 - 0.4	0.5/15.0	66145
2000 HM ₆₃	2009 12 15.0	05 29.51 +29 36.0 20.1	-1.25 + 1.3	2.6/15.1	22669
2007 MO ₄	2009 12 15.0	05 29.52 +19 56.3 20.7	-0.91 + 1.8	1.0/15.0	47437
2006 AR ₃₃	2009 12 15.0	05 29.52 +22 06.3 19.2	-1.12 + 4.0	0.4/15.0	64286
2002 AC ₁₇₈	2009 12 15.0	05 29.52 +16 06.7 18.9	-0.98 + 3.3	3.5/15.0	20759
2001 TF ₁₉₆	2009 12 15.0	05 29.56 +37 06.9 19.8	-1.31 - 3.5	5.4/16.1	17961
2002 KA ₃	2009 12 15.0	05 29.61 +11 06.7 20.3	-0.94 - 3.7	4.1/14.1	47217
2002 TH ₃₇	2009 12 15.0	05 29.62 +22 08.8 19.5	-1.20 - 1.4	0.5/15.0	39174
2003 UG ₁₇₃	2009 12 15.0	05 29.63 +15 11.1 19.7	-0.87 - 2.9	2.5/14.5	47273
2007 GZ ₃₈	2009 12 15.0	05 29.63 +12 54.3 21.7	-0.90 - 1.3	3.1/14.5	50032
2006 AC ₈₁	2009 12 15.0	05 29.66 +37 51.4 18.5	-1.17 - 4.9	6.5/16.3	98087
2002 CF ₂₉₃	2009 12 15.0	05 29.71 +11 48.7 20.8	-1.00 + 0.3	5.4/14.6	02081
2001 SP ₁₄₃	2009 12 15.0	05 29.78 +05 49.5 19.9	-1.05 - 1.1	7.4/14.5	40095
2004 TU ₁₇₇	2009 12 15.0	05 29.81 +24 33.3 20.9	-1.04 - 1.1	0.5/15.1	66186
2005 RY ₄₁	2009 12 15.0	05 29.84 +12 15.8 19.3	-1.07 - 2.6	5.1/14.4	20816
2007 CB ₁₇	2009 12 15.0	05 29.84 +16 51.5 21.5	-1.12 - 1.1	2.5/14.8	41860
2006 HG ₁₂₀	2009 12 15.0	05 29.87 +32 40.2 20.1	-1.07 + 3.4	3.3/15.0	22817
2002 UX ₅₀	2009 12 15.0	05 29.87 +33 56.3 21.7	-0.98 - 3.4	2.9/15.9	10934
2007 DT ₈₈	2009 12 15.0	05 29.88 +22 04.9 20.9	-1.10 - 0.1	0.4/15.0	59789
2008 SY ₄	2009 12 15.0	05 29.89 +25 26.0 20.0	-0.93 + 0.8	0.7/15.1	50212
2007 MB ₅	2009 12 15.0	05 29.95 +10 00.7 20.8	-0.98 + 2.2	4.5/14.9	21714
2005 UM ₂₁₈	2009 12 15.0	05 29.97 +30 25.2 21.1	-1.22 - 1.1	2.6/15.4	96217
2005 VK ₂₀	2009 12 15.0	05 29.98 +19 55.5 21.0	-1.11 - 0.3	1.2/15.0	16334
2003 UK ₁₂₂	2009 12 15.0	05 30.02 +12 37.4 19.3	-0.86 - 2.7	3.6/14.4	47271
2004 EU ₄₈	2009 12 15.0	05 30.04 +22 18.6 19.8	-1.21 - 1.8	0.4/15.0	41804
2008 JT ₆	2009 12 15.0	05 30.06 +17 19.0 20.5	-1.18 - 1.0	2.5/14.9	41667
2007 HK ₁	2009 12 15.1	05 29.97 +24 25.1 20.7	-1.01 - 0.9	0.4/15.2	66282
2003 UH ₁₁₀	2009 12 15.1	05 29.98 +38 53.4 19.7	-1.14 + 4.1	5.4/14.9	14046
2007 DG ₂₂	2009 12 15.1	05 29.99 +29 10.8 20.1	-1.25 - 1.1	2.7/15.3	19702
2006 DK ₃₀	2009 12 15.1	05 29.99 +09 50.3 21.2	-0.85 - 0.5	4.0/14.6	47391
2004 RL ₁₁₄	2009 12 15.1	05 29.99 +23 46.5 19.5	-1.09 - 1.8	0.2/15.1	66178
2005 YP ₂₉₀	2009 12 15.1	05 30.02 +40 33.1 20.0	-1.20 - 8.0	8.3/17.5	11154
2003 EV ₂₈	2009 12 15.1	05 30.03 +40 35.4 19.4	-1.36 + 1.6	6.7/15.3	48889
2006 DK ₁₅₆	2009 12 15.1	05 30.03 +25 47.9 21.0	-0.97 - 0.4	0.8/15.2	47396
2002 PA ₁₀₆	2009 12 15.1	05 30.04 +18 55.4 20.7	-1.21 - 3.2	1.8/14.9	38842
2004 FN ₉₇	2009 12 15.1	05 30.09 +23 14.0 19.5	-1.21 + 1.4	0.0/15.1	54125
2002 XB ₉₆	2009 12 15.1	05 30.10 +17 40.3 19.3	-1.11 - 3.7	2.6/14.7	59691
2001 HE ₅₇	2009 12 15.1	05 30.11 -07 59.8 20.8	-0.74 - 0.5	7.1/13.9	47166
2008 RX ₇₉	2009 12 15.1	05 30.16 +08 20.0 19.9	-0.84 - 1.3	5.2/14.4	46681
2005 PD ₁₄	2009 12 15.1	05 30.17 +25 28.8 21.1	-1.25 - 0.4	0.9/15.2	86983
2005 BR ₁₇	2009 12 15.1	05 30.17 +18 03.7 20.9	-0.87 0.0	1.6/15.0	66195
1999 HW ₂	2009 12 15.1	05 30.18 -12 43.9 21.9	-0.88 - 0.9	9.1/13.5	46358
2005 SE ₅₆	2009 12 15.1	05 30.19 +23 55.7 19.6	-1.16 + 0.5	0.3/15.2	97815
2003 SP ₁₇₃	2009 12 15.1	05 30.23 +10 40.5 19.9	-0.87 - 1.9	4.1/14.5	59708
2007 BC ₆₃	2009 12 15.1	05 30.26 +28 59.5 20.3	-1.21 - 2.4	2.2/15.5	18191
2002 OW ₂₆	2009 12 15.1	05 30.29 +01 27.4 21.5	-0.81 + 1.3	5.8/14.8	97607
2008 HF ₃	2009 12 15.1	05 30.30 +43 32.3 18.6	-2.15 +23.8	11.4/11.6	66318
2003 DP	2009 12 15.1	05 30.30 +23 37.0 18.3	-1.08 - 2.1	0.2/15.2	66149
2004 PD ₉₃	2009 12 15.1	05 30.32 +29 00.0 20.7	-1.13 + 0.3	1.9/15.4	46148
2003 UG ₁₉₈	2009 12 15.1	05 30.35 +11 19.5 19.5	-0.85 - 1.6	4.2/14.6	47273
2004 TJ ₂₆₅	2009 12 15.1	05 30.37 +28 06.2 19.7	-1.04 0.0	1.8/15.3	66187

2004 KC ₁₆	2009 12 15.1	05 30.37 +09 02.9 20.0	-1.04 + 1.5	5.3/15.0	40125
1995 SL ₆₃	2009 12 15.1	05 30.38 +24 48.4 19.2	-1.10 - 1.2	0.8/15.2	59646
2005 SZ ₁₁₆	2009 12 15.1	05 30.41 +24 18.9 20.0	-1.16 - 2.0	0.5/15.2	18126
2008 QF ₂₈	2009 12 15.1	05 30.42 +09 32.8 20.2	-0.88 + 1.7	4.2/15.0	49036
2003 UL ₆₅	2009 12 15.1	05 30.43 +21 25.4 19.3	-0.93 + 2.1	0.6/15.2	66161
4725 P-L	2009 12 15.1	05 30.44 +33 53.8 19.4	-1.04 - 0.8	4.5/15.7	57547
2003 UO ₇₈	2009 12 15.1	05 30.47 +32 36.5 20.0	-1.00 - 2.0	2.8/15.7	60351
2005 YD ₅₅	2009 12 15.1	05 30.47 +14 51.9 20.8	-0.96 + 1.0	2.6/15.0	31427
2003 UW ₇₄	2009 12 15.1	05 30.48 +28 19.6 20.0	-0.96 - 2.4	1.5/15.5	66161
2006 AL ₁₆	2009 12 15.1	05 30.53 +61 25.3 20.4	-1.90 - 5.0	13.4/18.0	98075
2008 SO ₁₄₇	2009 12 15.2	05 30.40 +18 58.2 20.7	-0.86 - 2.4	1.3/14.9	46834
2006 DW ₂₁₅	2009 12 15.2	05 30.42 +11 21.3 20.1	-0.83 - 1.4	3.5/14.6	47398
2005 UO ₉	2009 12 15.2	05 30.42 +16 23.7 20.3	-1.03 - 0.1	3.3/15.0	66218
2005 SY ₂₅₆	2009 12 15.2	05 30.46 +32 10.8 19.0	-1.15 + 2.6	4.6/15.3	62438
2005 TH ₅₉	2009 12 15.2	05 30.46 +24 27.9 21.4	-1.17 - 0.1	0.4/15.3	96000
2003 PK ₅	2009 12 15.2	05 30.47 +18 31.6 20.9	-0.94 + 0.3	1.4/15.1	20782
2007 LL ₃₃	2009 12 15.2	05 30.49 -05 43.9 21.9	-0.78 + 1.8	6.8/15.0	21257
2002 ER ₁₁₄	2009 12 15.2	05 30.52 +19 37.5 19.7	-1.03 + 0.2	1.5/15.1	66130
2005 YX ₁₁₈	2009 12 15.2	05 30.52 +23 33.5 19.0	-1.03 - 2.6	0.1/15.2	57434
1998 RR ₂₁	2009 12 15.2	05 30.55 +15 30.8 20.6	-0.93 - 0.8	2.6/14.9	52437
2005 UX ₁₆₃	2009 12 15.2	05 30.60 +23 18.8 20.6	-1.16 - 1.6	0.0/15.2	47356
2005 YP ₁₄₉	2009 12 15.2	05 30.60 +27 19.8 19.3	-1.10 + 0.3	1.8/15.4	66243
2005 UD ₁₈	2009 12 15.2	05 30.60 +18 22.2 20.3	-1.10 - 2.3	2.2/15.0	97876
2004 RR ₁₉₁	2009 12 15.2	05 30.61 +19 15.4 18.3	-1.02 - 3.0	1.5/15.0	66179
2008 SV ₆₂	2009 12 15.2	05 30.61 +31 36.3 21.2	-0.95 - 0.8	2.5/15.6	50244
2000 TE ₅₁	2009 12 15.2	05 30.61 +31 02.8 20.0	-1.23 + 3.1	2.8/15.3	58404
2008 HM ₆₄	2009 12 15.2	05 30.63 +12 32.0 21.6	-1.12 + 0.7	3.6/15.0	55493
2008 LF ₅	2009 12 15.2	05 30.64 +18 12.3 21.0	-1.09 + 1.1	1.7/15.1	60907
2002 QF ₇₁	2009 12 15.2	05 30.65 +36 41.6 20.8	-1.01 - 1.3	3.7/15.9	47225
2002 RB ₂₂₅	2009 12 15.2	05 30.70 +20 50.3 20.9	-0.85 - 1.3	0.7/15.1	45989
2005 QO ₄₀	2009 12 15.2	05 30.72 +22 18.4 19.2	-1.18 - 3.0	0.4/15.2	97792
2005 SE ₃₃	2009 12 15.2	05 30.73 +14 16.6 19.7	-1.07 - 2.5	4.1/14.8	21827
2007 JZ ₃₇	2009 12 15.2	05 30.75 +28 38.5 21.5	-1.01 - 0.3	1.6/15.5	47435
2004 QJ ₁₁	2009 12 15.2	05 30.76 +26 49.4 19.9	-1.10 + 1.0	1.3/15.3	66176
2005 QD ₈₁	2009 12 15.2	05 30.77 +30 02.7 22.4	-1.28 - 2.4	2.7/15.7	46301
2007 EH ₁₅₀	2009 12 15.2	05 30.77 +18 28.2 22.2	-1.01 + 0.1	1.6/15.1	57123
2006 BD ₆₉	2009 12 15.2	05 30.78 +19 14.3 19.8	-1.00 + 2.1	1.5/15.2	66250
2004 RJ ₁₉₆	2009 12 15.2	05 30.80 +06 34.0 19.2	-0.95 - 4.3	6.2/13.9	60810
2000 WB ₄₆	2009 12 15.2	05 30.80 +15 10.5 19.2	-0.96 - 1.6	3.5/14.9	20739
2003 ER ₁₅	2009 12 15.2	05 30.84 +23 49.6 19.5	-1.15 - 2.8	0.2/15.3	66149
2003 MM ₂	2009 12 15.2	05 30.85 +23 48.2 17.9	-1.02 - 4.8	0.2/15.3	66152
2004 RM ₃₁₉	2009 12 15.2	05 30.88 -11 48.9 20.6	-0.92 + 0.1	13.0/14.1	60379
1995 SE ₃₅	2009 12 15.2	05 30.89 +30 37.7 21.3	-1.27 - 0.2	2.7/15.5	21748
2003 WZ ₁₉	2009 12 15.2	05 30.91 +42 42.6 18.4	-1.14 + 3.0	7.2/15.4	66164
2002 AF ₅₀	2009 12 15.3	05 30.84 +25 42.2 18.4	-1.09 - 2.9	1.1/15.5	66123
2002 GX ₁₁₃	2009 12 15.3	05 30.85 +22 25.2 19.2	-1.05 + 2.1	0.3/15.3	60762
2002 QX ₅₃	2009 12 15.3	05 30.88 +10 25.2 19.8	-0.84 + 1.2	3.9/15.1	62351
2007 HQ ₇	2009 12 15.3	05 30.95 +25 32.0 20.3	-1.08 + 2.2	0.8/15.3	65561
2001 SC ₁₈₉	2009 12 15.3	05 30.96 +22 17.7 20.7	-1.14 - 0.9	0.4/15.3	94091
2002 VL ₁₂₈	2009 12 15.3	05 30.98 +17 57.6 19.0	-1.13 - 1.4	2.4/15.1	66144
2003 SU ₂₁₇	2009 12 15.3	05 31.00 +14 55.5 19.9	-0.88 - 1.1	2.8/15.0	59709

2002 RM ₁₇₅	2009 12 15.3	05 31.03 +32 06.1 18.6	-1.17	- 5.9	4.7/16.2	16220
2003 FY ₇₆	2009 12 15.3	05 31.03 +25 39.7 20.4	-1.14	- 0.4	0.9/15.4	47245
2005 SN ₇₁	2009 12 15.3	05 31.04 +30 28.3 20.6	-1.27	- 1.2	3.2/15.7	97818
2000 QF ₉	2009 12 15.3	05 31.04 +25 10.4 20.9	-1.08	- 1.1	0.6/15.4	47147
2007 EF ₁₆₁	2009 12 15.3	05 31.05 +38 23.8 19.6	-1.21	+ 2.3	5.0/15.5	55314
2006 DX ₂₃	2009 12 15.3	05 31.05 +19 44.7 20.4	-0.95	0.0	1.2/15.2	65518
2007 JT ₃₇	2009 12 15.3	05 31.05 +30 11.0 20.7	-1.11	- 0.2	2.5/15.6	47435
2008 RO ₉₄	2009 12 15.3	05 31.08 +24 01.1 21.4	-1.05	- 1.0	0.3/15.4	46688
2003 SO ₇	2009 12 15.3	05 31.10 +09 22.0 20.9	-0.89	- 1.0	4.7/14.7	60342
2004 PX ₁₁₃	2009 12 15.3	05 31.11 +10 11.7 19.6	-0.99	+ 2.0	4.8/15.2	59729
2002 QZ ₁₃₅	2009 12 15.3	05 31.12 +18 47.0 20.3	-1.23	+ 3.0	2.1/15.4	65335
2002 QN ₁₁₃	2009 12 15.3	05 31.16 +38 53.1 20.2	-1.02	- 2.8	4.2/16.5	45974
1998 US ₁₇	2009 12 15.3	05 31.16 +23 59.9 19.6	-1.20	- 1.9	0.3/15.4	66086
2007 JV ₂₇	2009 12 15.3	05 31.17 +18 11.2 20.6	-0.95	- 1.5	1.7/15.1	47434
2004 PY ₁₂	2009 12 15.3	05 31.19 +41 16.8 19.1	-1.23	- 8.5	8.4/18.0	70374
2000 FP	2009 12 15.3	05 31.19 +27 51.3 20.5	-0.95	- 0.5	1.5/15.5	47144
2005 TE ₈₈	2009 12 15.3	05 31.20 +27 12.1 19.3	-1.13	+ 1.1	1.9/15.4	66217
2002 NX ₆₉	2009 12 15.3	05 31.24 +01 39.0 20.6	-0.81	- 2.7	6.1/14.1	65329
2007 DB ₂₉	2009 12 15.3	05 31.29 +18 51.6 20.3	-1.16	+ 0.4	2.0/15.3	17735
2004 VR ₇₆	2009 12 15.3	05 31.29 +23 06.1 18.5	-1.01	+ 1.5	0.1/15.4	66190
2004 TL ₁₀₁	2009 12 15.3	05 31.30 +31 00.5 20.2	-1.09	+ 0.4	2.8/15.6	66184
2008 SO ₃₉	2009 12 15.3	05 31.30 +24 55.6 20.8	-0.84	0.0	0.4/15.4	46742
2007 EH ₁₄₈	2009 12 15.3	05 31.35 +34 29.6 21.1	-1.27	+ 1.0	4.7/15.6	41330
2007 LQ	2009 12 15.3	05 31.36 +12 31.4 20.3	-1.00	- 0.6	3.7/15.0	47436
2001 QJ ₁₅₁	2009 12 15.3	05 31.41 +39 38.7 18.4	-1.75	-16.2	8.4/18.3	66103
1997 XM ₃	2009 12 15.4	05 31.30 +18 08.4 17.8	-1.07	+ 4.3	2.4/15.5	66084
2006 DL ₁₃₇	2009 12 15.4	05 31.31 +23 48.1 20.6	-0.98	+ 0.4	0.2/15.4	47396
2008 LY ₁₆	2009 12 15.4	05 31.34 +35 14.7 20.3	-1.30	- 0.6	4.8/15.9	40635
2008 GF ₁₃₈	2009 12 15.4	05 31.35 +17 07.4 22.4	-1.17	- 0.8	2.3/15.2	50125
2008 SJ ₂₈₅	2009 12 15.4	05 31.35 +11 56.8 20.5	-0.84	- 0.8	3.7/14.9	65613
2006 AU ₂₆	2009 12 15.4	05 31.36 +18 48.5 19.4	-1.02	+ 2.1	2.1/15.4	98077
2007 GD ₂₁	2009 12 15.4	05 31.37 +27 31.3 20.4	-1.04	+ 0.7	1.5/15.5	66280
2006 BP ₃₁	2009 12 15.4	05 31.37 +19 07.2 19.5	-1.00	+ 1.5	1.6/15.3	65509
2005 SA ₈₂	2009 12 15.4	05 31.37 +18 31.5 20.9	-1.14	- 0.6	1.9/15.3	16308
2002 AE ₃₈	2009 12 15.4	05 31.39 +15 39.2 18.9	-1.03	+ 2.7	3.4/15.4	66123
2001 OA ₃₉	2009 12 15.4	05 31.41 +27 00.1 20.9	-1.20	+ 1.1	1.3/15.5	62314
2005 SF ₂₁₈	2009 12 15.4	05 31.42 +15 50.0 20.0	-1.03	+ 1.2	3.6/15.3	95932
2004 TP ₂₁₉	2009 12 15.4	05 31.43 +25 39.6 20.3	-1.03	- 0.6	0.9/15.5	66186
2007 HZ ₁₂	2009 12 15.4	05 31.43 +05 03.4 20.8	-0.91	- 0.7	5.7/14.7	47430
2001 YM ₆₈	2009 12 15.4	05 31.49 +32 14.4 18.3	-1.12	- 9.9	4.4/16.6	66121
2003 SA ₂₈₈	2009 12 15.4	05 31.50 +17 30.4 19.0	-0.89	- 3.8	1.9/15.0	46052
2006 HH ₁₃₄	2009 12 15.4	05 31.54 +08 12.5 21.0	-0.81	- 1.1	4.3/14.8	46475
2004 VA ₂	2009 12 15.4	05 31.55 +42 14.2 19.2	-1.24	+ 0.7	6.7/16.1	43221
2006 BY ₁₄₁	2009 12 15.4	05 31.58 +22 50.4 20.2	-0.97	- 1.0	0.1/15.4	47382
1998 SQ ₆₀	2009 12 15.4	05 31.58 +30 35.6 19.9	-1.28	+ 0.3	3.0/15.7	60721
2007 GN ₅₁	2009 12 15.4	05 31.63 +14 48.9 20.9	-1.00	+ 2.4	2.7/15.4	22887
2003 SE ₁₀₂	2009 12 15.4	05 31.65 +32 42.5 19.9	-1.03	- 3.2	3.1/16.1	58454
2003 WV ₁₅₈	2009 12 15.4	05 31.66 +18 08.7 20.5	-0.87	- 2.5	1.6/15.2	55116
2002 ET ₁₃₂	2009 12 15.4	05 31.66 +09 59.4 20.9	-0.94	- 0.6	4.4/14.9	47209
2005 VB ₁₃₀	2009 12 15.4	05 31.67 +11 41.8 20.1	-1.05	+ 0.1	5.2/15.2	21614
2008 RC ₂₆	2009 12 15.4	05 31.67 +08 47.9 20.0	-0.87	- 4.9	5.0/14.3	50166

1999 TT ₁₁₃	2009 12 15.4	05 31.68 +27 59.7 19.9	-1.30	- 2.0	2.2/15.7	39137
2005 UB ₂₄	2009 12 15.4	05 31.69 +27 59.5 19.7	-1.12	0.0	2.3/15.6	97877
2008 QX ₂₉	2009 12 15.4	05 31.73 +35 28.4 21.2	-1.04	- 1.2	3.7/16.1	47457
2003 BC ₈₀	2009 12 15.4	05 31.74 +25 28.8 18.6	-1.18	+ 3.5	1.0/15.5	66148
2006 DZ ₅₄	2009 12 15.4	05 31.75 +30 51.5 21.6	-0.97	- 0.5	2.2/15.8	55216
2006 DA ₁₅₉	2009 12 15.4	05 31.79 +02 10.5 20.2	-0.90	0.0	7.9/14.6	43263
2005 QC ₁₂₄	2009 12 15.4	05 31.79 +12 33.8 21.3	-1.13	0.0	4.1/15.2	39764
2006 BT ₁₉₈	2009 12 15.4	05 31.82 +34 51.0 20.4	-1.12	- 1.0	3.8/16.0	47384
2003 TR ₅₅	2009 12 15.5	05 31.73 +08 25.8 20.5	-0.85	+ 0.2	4.5/15.0	47267
2008 RX ₃₂	2009 12 15.5	05 31.73 +38 59.7 21.1	-1.12	- 1.2	5.2/16.2	46657
2007 HD ₃	2009 12 15.5	05 31.76 +37 33.0 19.9	-1.23	+ 2.4	5.5/15.6	41872
1995 SK ₅₉	2009 12 15.5	05 31.76 +29 37.7 20.7	-1.09	+ 0.7	2.4/15.7	73926
2004 RG ₂₄₆	2009 12 15.5	05 31.80 +06 57.9 20.9	-0.94	- 1.8	5.4/14.8	47310
2001 RU ₃₈	2009 12 15.5	05 31.81 +19 44.5 20.1	-1.13	- 0.9	1.6/15.4	66104
2007 DN ₃₃	2009 12 15.5	05 31.85 +12 58.7 20.8	-1.00	+ 0.2	3.5/15.2	47419
2004 VE ₃₃	2009 12 15.5	05 31.86 +20 33.4 20.5	-1.00	+ 0.2	0.9/15.4	00846
2004 RO ₂₄₇	2009 12 15.5	05 31.86 +19 50.3 19.3	-1.10	- 5.9	1.4/15.2	70452
2007 HB ₂₅	2009 12 15.5	05 31.88 +24 41.1 21.4	-0.89	+ 0.4	0.4/15.6	66283
2006 EP ₁₂	2009 12 15.5	05 31.90 +22 01.4 20.2	-0.94	- 0.5	0.4/15.5	65521
2002 TN ₁₁₅	2009 12 15.5	05 31.91 +34 25.1 19.3	-0.96	- 2.2	3.6/16.2	47233
2002 XJ ₉₈	2009 12 15.5	05 31.96 +23 11.6 19.0	-1.13	- 2.9	0.0/15.5	58445
2003 ST ₂₅₆	2009 12 15.5	05 31.97 +23 22.5 19.4	-0.95	- 0.8	0.0/15.6	48901
2006 DC ₃	2009 12 15.5	05 31.98 +17 52.1 19.9	-0.97	+ 0.2	1.9/15.4	66254
2002 TS ₆₄	2009 12 15.5	05 32.01 +33 07.6 21.2	-1.37	+ 1.3	3.9/15.8	38845
2008 SG ₂₁	2009 12 15.5	05 32.02 +23 53.3 20.9	-1.21	- 1.7	0.2/15.6	49045
2003 UP ₃₈	2009 12 15.5	05 32.03 +40 39.9 19.9	-1.08	+ 0.4	5.3/16.1	48906
2002 CX ₄₅	2009 12 15.5	05 32.06 +16 16.8 17.7	-1.03	- 7.7	3.2/14.8	66126
2007 JL ₁₂	2009 12 15.5	05 32.08 +09 29.5 21.9	-0.82	+ 0.6	3.8/15.3	58567
2005 UZ ₂₆₅	2009 12 15.5	05 32.08 +22 59.2 21.4	-1.12	+ 0.4	0.1/15.6	43239
2004 LF ₁₀	2009 12 15.5	05 32.09 +18 45.8 20.6	-1.07	+ 2.8	1.4/15.6	40686
2000 RD ₈₆	2009 12 15.5	05 32.14 +16 27.7 19.2	-1.05	+ 1.1	2.5/15.5	64155
2002 GW ₁₇₂	2009 12 15.5	05 32.17 +04 18.7 20.5	-0.92	- 0.4	6.6/14.8	43154
1998 XX ₁₃	2009 12 15.5	05 32.21 +11 49.9 18.5	-0.97	- 7.9	4.2/14.4	66087
2002 RY	2009 12 15.5	05 32.21 +12 07.1 20.7	-1.22	- 2.8	4.8/15.1	64190
1998 FJ ₁₂₄	2009 12 15.5	05 32.22 +18 49.4 20.1	-1.07	+ 1.3	1.7/15.5	97334
2005 YM ₁₀₅	2009 12 15.5	05 32.22 +14 52.5 20.3	-1.06	+ 4.7	3.3/15.7	21168
2006 DH ₈₇	2009 12 15.5	05 32.23 +21 08.3 20.5	-0.91	+ 0.1	0.7/15.5	47393
2008 TJ ₃₇	2009 12 15.5	05 32.24 +17 24.8 19.9	-0.90	- 1.7	1.8/15.3	66332
2007 EW ₂₁₃	2009 12 15.5	05 32.25 +03 49.3 20.4	-0.96	- 1.6	7.4/14.8	20580
2005 QZ ₉₈	2009 12 15.5	05 32.27 +31 35.4 20.0	-1.30	- 0.2	3.4/15.9	97797
2002 PR ₃₆	2009 12 15.6	05 32.16 +25 20.2 21.0	-0.89	- 1.4	0.6/15.7	56877
2002 EP ₃₃	2009 12 15.6	05 32.16 +19 46.6 18.8	-1.02	+ 2.4	1.5/15.6	66129
2005 SZ ₁₁	2009 12 15.6	05 32.18 +20 41.9 20.9	-1.16	- 0.3	1.1/15.5	97809
2004 FV ₁₆₅	2009 12 15.6	05 32.19 +31 48.6 20.0	-1.30	0.0	4.0/15.9	38024
2002 NK ₃	2009 12 15.6	05 32.26 +21 42.4 21.2	-0.88	- 0.2	0.4/15.6	47217
2000 QQ ₁₃₀	2009 12 15.6	05 32.27 +25 33.1 20.4	-1.09	- 1.2	0.8/15.7	66094
2004 FB ₂₇	2009 12 15.6	05 32.33 +21 22.0 20.0	-1.16	- 0.9	0.8/15.6	59722
2005 WU ₂₀₇	2009 12 15.6	05 32.33 +15 24.1 19.9	-0.95	+ 0.9	2.7/15.5	21351
2004 TF ₃₆₆	2009 12 15.6	05 32.38 +30 00.8 20.5	-1.09	+ 0.2	2.5/15.9	66188
2001 UH ₃₇	2009 12 15.6	05 32.39 +01 41.3 19.7	-1.02	0.0	7.8/15.2	40097
2007 FG ₂₂	2009 12 15.6	05 32.39 +37 44.5 22.2	-1.14	+ 0.1	4.2/16.1	55317

2005 RZ ₁₁	2009 12 15.6	05 32.40 +18 48.5 20.2	-1.17 - 1.9	1.9/15.4	97804
2004 PB	2009 12 15.6	05 32.44 +10 39.1 20.3	-1.02 - 3.3	4.6/14.9	70372
2007 DT ₄₂	2009 12 15.6	05 32.46 +12 41.8 19.3	-1.09 + 1.0	4.8/15.4	40177
2001 YB ₉₂	2009 12 15.6	05 32.46 +29 10.8 18.7	-1.23 - 3.1	2.4/16.0	66122
2008 SC ₆₄	2009 12 15.6	05 32.48 +10 19.3 20.9	-0.89 - 4.5	4.2/14.7	57499
2007 GL ₅₄	2009 12 15.6	05 32.48 +17 38.1 20.9	-1.11 + 0.3	2.2/15.5	56090
2005 VX ₆₉	2009 12 15.6	05 32.49 +17 07.3 20.3	-1.09 - 1.0	2.3/15.4	47359
2004 VL ₈₂	2009 12 15.6	05 32.52 +38 20.2 20.2	-1.17 + 0.3	5.0/16.2	47327
2006 BZ ₂₃₆	2009 12 15.6	05 32.53 +25 25.4 19.7	-1.04 + 0.3	0.8/15.7	66253
2004 JH ₃₄	2009 12 15.6	05 32.59 +20 12.3 20.8	-1.10 + 0.9	1.1/15.6	42700
2003 UG ₂₇₄	2009 12 15.6	05 32.60 +06 41.3 19.1	-0.88 - 5.0	5.8/14.3	58461
2008 TQ ₇	2009 12 15.6	05 32.64 +42 25.7 20.8	-1.15 + 1.0	5.8/16.1	50376
2002 CA ₂₄₅	2009 12 15.6	05 32.65 +35 17.8 19.8	-1.13 - 3.5	3.6/16.5	97573
2007 EB ₁₈₀	2009 12 15.6	05 32.67 +15 12.3 20.7	-0.97 - 1.8	2.7/15.3	47424
2007 EL ₁₈	2009 12 15.6	05 32.67 +26 30.7 20.7	-1.14 - 0.1	1.2/15.8	47421
2001 QU ₂₈₄	2009 12 15.6	05 32.69 +33 20.3 19.3	-1.26 - 1.2	4.3/16.2	19539
2004 RG ₁₀₁	2009 12 15.6	05 32.69 +11 27.5 20.2	-1.00 - 0.9	4.9/15.4	74337
2003 WA ₃₁	2009 12 15.7	05 32.62 +11 33.8 19.4	-0.86 - 3.6	3.5/14.9	64213
2006 EH ₁₅	2009 12 15.7	05 32.63 +23 35.8 21.1	-0.89 - 0.4	0.1/15.7	64639
2007 AN ₁₄	2009 12 15.7	05 32.72 +23 56.6 19.2	-1.17 - 2.5	0.3/15.8	18186
2001 QV ₂₁₄	2009 12 15.7	05 32.79 +21 03.6 20.1	-1.14 - 0.4	1.0/15.7	66104
2006 DQ ₂₀₂	2009 12 15.7	05 32.80 +10 15.4 21.1	-0.83 + 1.8	3.4/15.6	58526
2006 BK ₆₅	2009 12 15.7	05 32.80 +24 19.2 21.2	-1.07 - 0.2	0.4/15.8	01240
2002 NR ₂₁	2009 12 15.7	05 32.83 +32 35.9 20.1	-0.97 - 3.4	2.4/16.4	47218
2006 BP ₁₇₄	2009 12 15.7	05 32.84 +21 03.4 20.2	-0.99 + 1.5	0.8/15.7	19282
2003 TJ ₁₆	2009 12 15.7	05 32.85 +14 48.5 19.0	-0.88 - 3.9	3.2/15.1	59712
2005 AS ₇₄	2009 12 15.7	05 32.88 +13 43.5 20.8	-0.86 + 1.6	3.0/15.6	00909
2008 UF ₃₃₁	2009 12 15.7	05 32.90 +07 53.4 21.4	-0.80 - 2.7	4.0/14.8	52521
2006 AF ₇₃	2009 12 15.7	05 32.92 +14 04.5 19.7	-0.98 - 1.2	4.0/15.3	43252
2007 GF ₂	2009 12 15.7	05 32.95 +21 24.7 20.0	-1.06 - 1.3	0.8/15.7	43279
2005 SB ₂₂₄	2009 12 15.7	05 32.97 +19 28.9 19.8	-1.09 - 1.0	1.8/15.6	65449
2007 EE ₃₀	2009 12 15.7	05 32.98 +13 50.8 20.1	-1.05 + 0.4	3.5/15.5	59790
2002 TH ₉₃	2009 12 15.7	05 33.02 +11 04.3 19.8	-0.83 - 3.7	3.6/14.9	58439
2002 PL ₁₈₆	2009 12 15.7	05 33.05 +24 16.5 20.4	-0.89 + 0.2	0.3/15.8	45963
2007 HB ₈₉	2009 12 15.7	05 33.05 +17 25.5 20.1	-0.97 - 1.2	2.2/15.5	66285
2007 EM ₄₅	2009 12 15.7	05 33.07 +27 27.5 20.3	-1.18 0.0	1.9/15.9	41326
2004 NE ₁₁	2009 12 15.7	05 33.07 +21 48.2 19.2	-1.11 + 2.3	0.5/15.8	66174
2006 DL ₁₀₁	2009 12 15.7	05 33.07 +32 22.4 19.2	-1.06 + 0.3	3.2/16.0	47394
2008 TZ ₃₇	2009 12 15.7	05 33.07 +08 57.7 21.0	-0.82 - 1.5	4.0/15.1	50392
2005 BL ₂₈	2009 12 15.7	05 33.07 +29 11.8 19.6	-0.96 - 2.7	1.9/16.1	47339
2008 RW ₉	2009 12 15.7	05 33.07 +34 32.9 20.1	-1.09 - 0.9	3.6/16.2	46643
2008 KL ₄₀	2009 12 15.7	05 33.08 +14 25.8 21.5	-1.13 - 1.3	3.3/15.4	57498
2008 GP ₁₂₉	2009 12 15.7	05 33.09 +13 01.4 20.2	-1.14 - 1.0	4.2/15.4	64331
2002 CW ₃₅	2009 12 15.7	05 33.10 +38 25.3 19.0	-1.24 + 2.1	6.5/15.8	97560
2006 BA ₁₁₇	2009 12 15.7	05 33.13 +15 59.9 20.5	-0.95 - 0.2	2.7/15.6	53469
2002 CE ₁₆₂	2009 12 15.7	05 33.14 +11 49.9 20.0	-1.02 + 2.9	4.2/15.8	21312
2008 QD ₁₆	2009 12 15.7	05 33.14 +29 45.0 20.5	-0.98 - 1.0	2.1/16.1	66322
2002 RX ₁₉₁	2009 12 15.7	05 33.16 +26 35.7 20.3	-1.27 - 0.5	1.3/15.9	12817
1999 XK ₄₈	2009 12 15.8	05 33.09 +26 00.9 18.4	-1.04 + 4.3	1.1/15.8	66090
2003 UU ₄	2009 12 15.8	05 33.09 +10 17.9 18.6	-0.96 + 6.2	4.8/16.4	55972
2002 GZ ₁₂₃	2009 12 15.8	05 33.10 +07 08.2 20.6	-0.97 - 1.8	6.0/14.9	56872

1999 TV ₆₇	2009 12 15.8	05 33.11 +18 11.5 20.0	-0.95 - 0.9	2.0/15.6	66088
2002 CV ₂₆₃	2009 12 15.8	05 33.12 +15 52.0 21.1	-1.01 + 0.2	2.7/15.6	47205
2007 GE ₃₉	2009 12 15.8	05 33.20 +24 48.0 20.9	-1.15 - 0.1	0.6/15.9	47428
2005 UK ₁₉₄	2009 12 15.8	05 33.21 +24 22.2 20.0	-1.15 + 0.5	0.5/15.9	20419
2008 OL ₄	2009 12 15.8	05 33.22 +02 13.1 20.6	-0.89 - 1.1	6.7/15.1	59812
2007 EQ ₈₈	2009 12 15.8	05 33.22 +28 20.6 19.7	-1.25 + 0.8	2.3/15.9	65552
2001 WW ₄₅	2009 12 15.8	05 33.23 +27 02.0 20.1	-1.17 - 0.3	1.5/16.0	66116
2001 QJ ₂₉₄	2009 12 15.8	05 33.27 +13 22.9 20.5	-1.08 + 0.2	3.8/15.6	17942
2006 DV ₁₂₅	2009 12 15.8	05 33.27 +18 01.2 20.1	-0.96 - 0.8	2.0/15.6	46424
2003 YZ ₁₄₈	2009 12 15.8	05 33.28 +27 49.2 18.7	-0.98 + 5.1	1.4/15.7	47287
2008 SL ₂₁₉	2009 12 15.8	05 33.28 +43 40.0 20.3	-1.15 - 0.3	6.3/16.6	50334
2006 BK ₂₅₆	2009 12 15.8	05 33.31 +21 54.0 20.5	-0.96 + 0.3	0.5/15.8	43257
2005 YN ₂₈₂	2009 12 15.8	05 33.31 +21 33.8 21.0	-0.98 - 0.8	0.6/15.8	47372
2007 DT ₁₁₀	2009 12 15.8	05 33.33 +20 46.9 20.9	-1.10 - 0.3	0.9/15.8	47421
2006 BM ₁₂₇	2009 12 15.8	05 33.35 +20 10.8 20.9	-0.95 - 0.6	1.1/15.7	47381
2005 AN ₄₉	2009 12 15.8	05 33.35 +11 12.0 19.9	-0.87 + 1.5	4.0/15.7	47337
2004 RT ₆₇	2009 12 15.8	05 33.38 +44 20.4 21.5	-1.31 - 0.8	6.5/16.9	43207
2005 AG ₇₄	2009 12 15.8	05 33.42 +14 10.3 20.9	-0.86 + 1.6	2.8/15.8	00909
2005 YT ₁₄	2009 12 15.8	05 33.44 +28 03.7 20.6	-1.08 - 2.4	1.8/16.1	98033
2007 LN ₁₉	2009 12 15.8	05 33.45 +22 22.6 19.3	-1.04 - 3.9	0.3/15.8	66287
2006 KH ₁₄	2009 12 15.8	05 33.49 +24 06.4 20.2	-0.91 + 2.1	0.2/15.9	66261
2003 WX ₈₃	2009 12 15.8	05 33.49 +07 02.7 20.2	-0.85 + 0.5	5.8/15.5	48915
2006 BH ₁₈₉	2009 12 15.8	05 33.50 +37 32.7 20.8	-1.15 - 0.3	5.5/16.4	02281
1992 SY ₁₁	2009 12 15.8	05 33.51 +13 37.3 20.7	-0.86 - 0.7	2.9/15.5	49791
2004 RT ₈₉	2009 12 15.8	05 33.54 +20 28.2 21.0	-1.05 - 1.6	1.0/15.8	59732
2002 VU ₆₆	2009 12 15.9	05 33.49 +32 34.4 19.1	-1.30 + 2.7	4.3/15.9	18028
2000 JN ₄₈	2009 12 15.9	05 33.49 +19 58.6 20.0	-1.09 - 2.4	1.2/15.7	41756
2005 WG ₁₂₂	2009 12 15.9	05 33.50 +33 29.9 19.8	-1.26 - 0.1	4.8/16.3	15919
4331 P-L	2009 12 15.9	05 33.50 +26 36.5 20.1	-1.27 - 1.4	1.6/16.0	57547
2003 QG ₂₇	2009 12 15.9	05 33.50 +28 49.0 20.5	-1.03 - 2.2	1.6/16.2	47253
2006 FE ₁	2009 12 15.9	05 33.51 +04 58.4 20.9	-0.83 - 0.7	5.4/15.2	47400
1998 SG ₆₃	2009 12 15.9	05 33.51 +23 38.3 18.8	-1.17 + 2.3	0.2/15.9	66085
2004 QF ₃	2009 12 15.9	05 33.51 +21 21.6 19.6	-1.08 + 1.8	0.7/15.9	66175
2006 BV ₂₀	2009 12 15.9	05 33.55 +20 48.3 20.7	-1.03 - 0.2	0.9/15.8	02271
2000 JF ₄₅	2009 12 15.9	05 33.58 +27 34.9 20.1	-1.20 + 1.4	1.6/16.0	66093
2002 SR ₃₃	2009 12 15.9	05 33.59 +27 46.2 19.6	-1.28 - 1.0	2.0/16.1	66139
2008 TP ₉	2009 12 15.9	05 33.62 +27 18.3 21.0	-0.89 - 0.2	1.1/16.1	46917
2006 EX ₄	2009 12 15.9	05 33.65 +32 42.6 21.6	-0.91 - 0.3	2.3/16.3	48595
2006 EN ₃₆	2009 12 15.9	05 33.68 +18 24.1 20.1	-0.92 + 0.6	1.6/15.8	48998
2004 XN ₆₅	2009 12 15.9	05 33.69 +26 04.6 19.6	-1.01 - 0.4	1.0/16.0	66192
2006 DW ₁₂₄	2009 12 15.9	05 33.70 +29 40.3 22.4	-0.84 - 0.1	1.4/16.1	04370
2002 GE ₁₅₅	2009 12 15.9	05 33.73 +27 04.6 20.1	-1.02 + 1.3	1.2/16.0	66132
2005 UY ₂₈₁	2009 12 15.9	05 33.74 +23 45.4 20.9	-1.14 0.0	0.2/16.0	18146
2006 ED ₃₇	2009 12 15.9	05 33.77 +23 28.1 20.8	-0.87 - 0.1	0.0/16.0	46443
2006 DQ ₅₉	2009 12 15.9	05 33.83 +39 43.7 20.2	-1.08 - 0.7	5.1/16.7	46414
2004 TH ₂₁₀	2009 12 15.9	05 33.84 +30 35.0 19.3	-1.08 - 1.3	2.7/16.3	66186
2008 RH ₃₅	2009 12 15.9	05 33.86 +09 22.7 20.6	-0.84 - 1.1	4.5/15.4	49039
2007 EA ₁₄₆	2009 12 15.9	05 33.88 +18 44.4 20.3	-1.06 + 0.4	1.7/15.9	66277
2005 WQ ₁₁₂	2009 12 15.9	05 33.89 +27 11.5 18.9	-1.12 - 7.7	1.7/16.4	59766
2008 RW ₁₅	2009 12 15.9	05 33.94 +11 11.1 20.9	-0.83 - 1.1	3.4/15.5	49038
2004 TS ₂₇₈	2009 12 15.9	05 33.99 +25 12.9 19.4	-1.02 + 1.1	0.7/16.0	60817

2004 VO ₈₀	2009 12 16.0	05 33.96 +28 32.3 20.0	-1.06 + 1.1	2.0/16.1	40391
2007 CW ₁₇	2009 12 16.0	05 33.97 +19 04.5 18.9	-1.12 + 2.7	2.2/16.0	17695
2006 SQ ₂₁₄	2009 12 16.0	05 33.98 +59 23.7 20.6	-2.27 + 3.0	17.3/16.7	11273
2005 SC ₁₃₈	2009 12 16.0	05 33.99 +08 12.1 17.8	-1.05 - 7.2	7.5/14.6	66212
2004 TJ ₃₄	2009 12 16.0	05 34.00 +25 27.6 21.0	-1.04 - 0.8	0.8/16.1	41816
2007 EE ₁₅₉	2009 12 16.0	05 34.01 +18 56.2 21.8	-0.99 - 1.1	1.4/15.8	47424
2005 SN ₈₃	2009 12 16.0	05 34.08 +32 17.5 20.0	-1.21 - 0.5	4.3/16.4	97820
2007 EQ ₁₆₀	2009 12 16.0	05 34.08 +08 58.6 20.8	-1.05 - 3.2	5.4/15.1	21199
2008 RF ₁₇	2009 12 16.0	05 34.09 +23 54.4 20.4	-0.94 - 1.5	0.2/16.1	55498
2003 CD ₂₅	2009 12 16.0	05 34.13 +26 22.4 19.6	-1.21 + 4.0	1.1/16.0	59694
2006 AE ₅₇	2009 12 16.0	05 34.15 +24 43.2 20.9	-1.06 - 0.6	0.5/16.1	43251
2004 RZ ₃₂₁	2009 12 16.0	05 34.15 +11 29.5 19.5	-0.96 - 2.3	5.0/15.5	42714
2002 TK ₃₅₀	2009 12 16.0	05 34.15 +01 28.6 20.1	-0.80 - 2.0	6.8/14.9	48884
2007 EO ₉₁	2009 12 16.0	05 34.17 +30 25.7 20.7	-1.17 - 1.9	2.5/16.4	46512
2008 SY ₈₃	2009 12 16.0	05 34.17 +17 18.0 19.9	-0.89 - 3.3	1.9/15.7	66326
2004 PM ₃₄	2009 12 16.0	05 34.18 +40 51.7 19.2	-1.25 - 4.7	7.3/18.0	66174
2007 HD ₉₀	2009 12 16.0	05 34.18 +08 13.4 20.5	-0.93 + 1.3	4.8/15.8	26285
2004 RA ₈	2009 12 16.0	05 34.19 +34 36.2 20.2	-1.20 - 5.2	4.2/17.1	95322
2005 SR ₇₅	2009 12 16.0	05 34.28 +25 37.1 20.0	-1.16 - 0.6	1.1/16.1	97818
2008 JU ₃₅	2009 12 16.0	05 34.33 +03 21.7 18.7	-1.04 + 4.3	8.7/16.8	65590
2002 RM ₂₃₅	2009 12 16.0	05 34.33 +28 24.5 20.3	-0.93 - 0.9	1.5/16.3	47230
2006 BV ₅₁	2009 12 16.0	05 34.40 +17 41.7 19.8	-0.99 + 1.3	2.1/16.0	66249
2002 CY ₂₃₃	2009 12 16.0	05 34.41 +23 26.4 19.5	-1.05 - 2.6	0.0/16.1	60760
2004 TV ₁₀₆	2009 12 16.0	05 34.42 +40 37.6 19.5	-1.28 + 3.0	6.3/16.2	43216
2005 PC ₁₆	2009 12 16.0	05 34.47 +23 14.7 20.2	-1.22 0.0	0.0/16.1	60830
2007 LZ ₁₅	2009 12 16.1	05 34.37 +06 18.4 21.2	-0.91 - 2.5	5.4/15.1	26294
2007 CO ₄₀	2009 12 16.1	05 34.41 +08 37.8 21.5	-1.04 + 0.8	5.1/15.8	55304
1998 SH ₄₁	2009 12 16.1	05 34.41 +35 07.7 21.5	-1.30 - 1.0	5.3/16.6	93729
2005 YW ₇₆	2009 12 16.1	05 34.42 +24 11.0 19.5	-1.08 + 1.6	0.3/16.1	66241
2001 UJ ₁₂₉	2009 12 16.1	05 34.45 +36 42.5 20.2	-1.29 + 1.3	5.0/16.3	41773
2003 RV ₁₈	2009 12 16.1	05 34.49 +17 59.4 20.5	-0.93 - 1.3	1.8/15.9	66154
2006 GD ₂₄	2009 12 16.1	05 34.52 +19 36.1 21.2	-0.86 - 0.4	1.1/16.0	55223
2009 VW ₇₀	2009 12 16.1	05 34.58 +27 02.3 19.8	-1.10 + 0.1	1.7/16.2	66000
2002 KJ ₉	2009 12 16.1	05 34.60 +23 57.7 20.9	-1.26 + 1.1	0.2/16.2	66133
2005 CY ₆₃	2009 12 16.1	05 34.61 +21 38.9 19.1	-0.92 + 0.5	0.6/16.1	66196
2007 HS ₂₄	2009 12 16.1	05 34.66 +05 50.4 20.6	-0.94 - 3.5	6.8/15.0	59119
2002 QL ₁₁₉	2009 12 16.1	05 34.70 +16 29.0 22.2	-1.18 - 1.0	2.6/15.9	40106
2000 SV ₃₀₄	2009 12 16.1	05 34.71 +46 23.0 18.8	-1.37 - 0.7	9.5/18.0	17922
2002 RA ₁₇₃	2009 12 16.1	05 34.74 +24 27.0 19.9	-1.29 + 2.2	0.5/16.2	57978
2002 PQ ₁₈₉	2009 12 16.1	05 34.87 +41 27.6 20.6	-1.09 - 2.7	5.4/17.4	58808
2002 RE ₁₅₈	2009 12 16.1	05 34.87 +24 36.6 20.5	-1.22 - 1.3	0.6/16.2	29614
2004 NC ₈	2009 12 16.1	05 34.89 +21 41.9 20.4	-1.06 - 1.1	0.6/16.1	47295
2005 SB ₂₀₉	2009 12 16.1	05 34.91 +29 06.2 19.4	-1.26 + 2.4	2.3/16.2	60837
2005 TL ₅	2009 12 16.2	05 34.82 +27 23.4 19.1	-1.16 - 3.6	1.8/16.5	65452
2004 TN ₂₁₁	2009 12 16.2	05 34.84 +28 17.9 20.8	-1.06 - 0.7	1.8/16.4	48948
2008 RO ₃₁	2009 12 16.2	05 34.84 +06 44.8 20.8	-0.81 - 0.3	5.0/15.7	46656
2002 TA ₇₆	2009 12 16.2	05 34.86 +25 30.9 19.9	-1.26 - 2.2	0.9/16.3	39174
2006 DY ₂₉	2009 12 16.2	05 34.88 +07 01.2 20.9	-0.87 - 0.3	5.6/15.7	48994
2005 AS ₇₇	2009 12 16.2	05 34.88 +15 10.1 20.3	-0.86 + 1.7	2.5/16.1	47338
2001 OF ₉₀	2009 12 16.2	05 34.91 +21 57.2 19.9	-1.18 + 0.8	0.6/16.2	40093
2007 EM ₂₈	2009 12 16.2	05 34.94 +14 05.7 21.0	-1.10 - 1.0	3.5/15.8	55309

2006 DP ₈₂	2009 12 16.2	05 35.02 +25 08.2 21.4	-0.95 - 0.8	0.6/16.3	46417
2005 WR ₁₅₇	2009 12 16.2	05 35.03 +27 43.8 18.8	-1.12 - 5.2	1.7/16.6	51019
2006 BO ₁₂₁	2009 12 16.2	05 35.04 +30 55.1 20.4	-1.07 - 1.6	2.7/16.6	53470
2007 EP ₁₅₅	2009 12 16.2	05 35.06 +17 50.1 20.3	-1.05 - 2.3	2.0/16.0	66277
2002 CN ₉₁	2009 12 16.2	05 35.06 +02 17.7 18.9	-0.95 + 3.8	9.1/16.6	66126
2004 GJ ₂₃	2009 12 16.2	05 35.07 +16 58.3 20.1	-1.16 - 1.3	2.8/16.0	66171
2005 QC ₉₆	2009 12 16.2	05 35.07 +27 30.3 20.2	-1.25 - 0.6	1.9/16.4	97797
2003 UT ₂₁₆	2009 12 16.2	05 35.09 +04 36.8 19.0	-0.85 - 5.5	7.1/14.5	47274
2001 QX ₄₅	2009 12 16.2	05 35.17 +13 07.2 20.9	-1.10 + 0.9	3.8/16.1	39708
2001 YY ₇₁	2009 12 16.2	05 35.17 +25 48.9 19.2	-1.11 + 3.2	1.1/16.2	94436
2004 TM ₁₆₄	2009 12 16.2	05 35.18 +27 53.3 19.8	-1.07 + 1.2	1.7/16.3	60816
2003 UG ₁₁₉	2009 12 16.2	05 35.19 +37 25.3 20.3	-1.08 - 3.4	4.0/17.3	55106
2005 WY ₅₄	2009 12 16.2	05 35.19 +30 39.5 20.1	-1.27 + 0.9	3.2/16.4	66233
2005 QN ₆₅	2009 12 16.2	05 35.20 +15 07.8 19.1	-1.14 - 1.5	3.6/16.0	66204
2004 QZ ₁₂	2009 12 16.2	05 35.21 +43 26.8 21.5	-1.33 - 0.5	6.8/17.2	59730
2004 PR ₂₅	2009 12 16.2	05 35.23 +32 54.6 19.9	-1.16 - 1.5	3.5/16.7	47297
2004 TN ₁₅₆	2009 12 16.2	05 35.26 +14 48.7 20.0	-0.97 - 1.1	3.2/15.9	47318
2005 QH ₁₁₅	2009 12 16.2	05 35.29 +21 09.6 20.4	-1.16 - 0.4	0.9/16.2	21822
2005 AS ₄₅	2009 12 16.2	05 35.32 +56 04.2 19.4	-2.15 - 9.2	16.4/20.8	66194
2003 SW ₂₅₄	2009 12 16.2	05 35.34 +07 19.3 19.6	-0.86 - 1.3	5.6/15.6	62377
2001 WZ ₇₂	2009 12 16.2	05 35.34 +25 13.6 19.5	-1.13 + 2.3	0.8/16.3	66116
2006 EC ₂₄	2009 12 16.2	05 35.35 +33 34.5 20.5	-1.05 - 1.0	3.3/16.7	46441
2007 AU ₂₉	2009 12 16.2	05 35.36 +11 55.0 20.5	-1.10 + 1.3	4.2/16.2	41306
2005 SL ₂₉₀	2009 12 16.3	05 35.26 +27 11.9 19.7	-1.18 - 0.7	1.8/16.4	66215
2007 GP ₈	2009 12 16.3	05 35.28 +33 21.9 19.4	-1.21 + 1.5	4.4/16.4	22886
2000 RP ₈₂	2009 12 16.3	05 35.29 +24 29.5 18.9	-1.09 - 5.0	0.5/16.4	66095
2005 XA ₁₁₈	2009 12 16.3	05 35.32 +35 06.4 20.3	-1.14 - 3.7	3.9/17.1	65492
2005 SD ₂₁₆	2009 12 16.3	05 35.33 +20 57.8 19.4	-1.14 - 0.3	1.0/16.2	40144
2007 GD ₆	2009 12 16.3	05 35.34 +09 55.8 21.6	-0.94 - 2.2	4.2/15.6	47426
2004 RJ ₁₆₂	2009 12 16.3	05 35.38 +31 04.0 21.0	-1.12 - 2.0	2.6/16.7	59093
2007 EQ ₁₅	2009 12 16.3	05 35.39 +23 08.7 20.7	-1.16 + 0.4	0.1/16.3	55309
2001 RN ₁₃₅	2009 12 16.3	05 35.39 +19 31.9 20.4	-1.14 + 0.7	1.5/16.3	58412
2001 YL ₇₇	2009 12 16.3	05 35.41 +19 51.1 18.4	-1.09 + 5.4	1.5/16.4	66121
2008 JJ ₃₆	2009 12 16.3	05 35.44 +14 55.9 19.3	-1.13 + 3.9	4.0/16.5	58608
2003 OW ₁₇	2009 12 16.3	05 35.44 +23 03.4 19.3	-0.99 + 0.8	0.1/16.3	43173
2003 ST ₁₅₉	2009 12 16.3	05 35.47 +20 02.2 19.6	-0.93 - 1.5	1.1/16.2	66157
2001 SU ₂₄₇	2009 12 16.3	05 35.48 +23 17.0 18.9	-1.09 + 0.8	0.0/16.3	66107
2001 TX ₅₇	2009 12 16.3	05 35.53 +12 55.6 20.4	-1.06 - 1.9	3.6/15.9	60745
2005 OX ₁₅	2009 12 16.3	05 35.55 +11 22.3 19.6	-1.10 + 0.9	5.5/16.2	40692
2003 AX ₂₄	2009 12 16.3	05 35.57 +24 46.2 18.8	-1.17 - 4.5	0.7/16.5	66147
2007 HL ₃₁	2009 12 16.3	05 35.57 +32 02.1 20.7	-1.15 + 0.2	3.1/16.6	47431
2002 CR ₆₂	2009 12 16.3	05 35.58 +25 16.3 20.0	-1.07 + 2.0	0.6/16.4	97562
2005 YY ₆₆	2009 12 16.3	05 35.58 +36 09.4 20.0	-1.19 - 4.4	4.9/17.3	98043
2006 BR ₂₁	2009 12 16.3	05 35.58 +39 32.6 19.3	-1.17 - 7.4	7.7/18.2	96992
2005 CL ₅₈	2009 12 16.3	05 35.62 -02 44.2 20.1	-0.84 + 1.5	8.9/15.8	66196
2005 AN ₁₆	2009 12 16.3	05 35.62 +25 58.5 19.1	-0.97 - 2.6	1.0/16.5	47336
2005 QC ₁₆₀	2009 12 16.3	05 35.64 +29 17.0 18.8	-1.26 + 2.6	2.7/16.4	95721
2002 RM ₂₄₀	2009 12 16.3	05 35.64 +10 02.9 20.4	-0.82 - 0.8	3.9/15.9	47230
2004 RF ₂₀₂	2009 12 16.3	05 35.65 +11 32.9 20.4	-0.99 - 2.4	4.0/15.8	70066
2001 SB ₃₂₉	2009 12 16.3	05 35.67 +26 55.9 21.0	-1.20 - 0.9	1.4/16.5	94119
2000 VK ₅	2009 12 16.3	05 35.68 +36 10.9 20.4	-1.23 + 1.1	4.2/16.7	74045

2001 TK ₄₇	2009 12 16.3	05 35.68 +18 59.9	19.1 -1.09 + 3.5	2.0/16.4	66109
2000 TL ₁₆	2009 12 16.3	05 35.68 +38 22.7	20.4 -1.28 + 1.3	6.5/16.8	47971
2004 PV ₅₂	2009 12 16.3	05 35.73 +38 55.8	19.4 -1.24 - 1.5	6.4/17.3	70381
2007 HR ₅₂	2009 12 16.3	05 35.74 +11 53.0	21.1 -0.99 - 0.8	4.0/16.0	46545
2007 GK ₇₄	2009 12 16.3	05 35.75 +37 42.7	20.5 -1.19 - 1.5	4.5/17.0	20871
2003 DX ₇	2009 12 16.3	05 35.79 +21 09.7	19.2 -1.06 - 1.7	1.0/16.3	20775
2005 TU ₁₇₆	2009 12 16.3	05 35.79 +13 27.0	20.5 -1.10 + 1.0	3.8/16.3	21844
2003 UD ₁₆₁	2009 12 16.3	05 35.80 +29 33.2	19.2 -0.98 + 0.9	2.2/16.5	47272
2005 SM ₂₂₃	2009 12 16.3	05 35.82 +43 03.5	20.1 -1.47 + 0.2	8.2/17.2	97840
2007 EF ₁₁	2009 12 16.3	05 35.82 +28 11.4	20.2 -1.23 0.0	2.2/16.5	66273
2005 SX ₄₁	2009 12 16.4	05 35.72 +23 36.3	19.0 -1.14 - 2.3	0.1/16.4	16306
2001 MM ₂	2009 12 16.4	05 35.73 -02 42.1	19.8 -1.03 - 3.4	8.9/14.8	60737
2005 QL ₅₃	2009 12 16.4	05 35.74 +35 56.2	18.9 -1.21 - 2.8	6.5/18.0	19185
2005 XJ ₂₆	2009 12 16.4	05 35.76 +21 53.7	20.6 -1.10 0.0	0.5/16.4	47363
2005 RW ₄₃	2009 12 16.4	05 35.77 +11 29.3	20.0 -1.09 + 1.1	4.9/16.3	21824
2005 RL ₄₀	2009 12 16.4	05 35.77 +15 33.5	21.1 -1.16 - 0.8	3.4/16.2	97807
2002 PV ₁₅₃	2009 12 16.4	05 35.78 +12 50.4	19.4 -0.86 + 1.6	3.3/16.3	47222
2007 EF ₃₇	2009 12 16.4	05 35.85 +05 53.0	21.8 -0.90 - 0.8	5.1/15.8	47422
2002 ES ₁₄₂	2009 12 16.4	05 35.87 +28 47.7	21.0 -1.03 0.0	1.6/16.6	45941
2003 WT ₁₇₄	2009 12 16.4	05 35.87 +36 36.6	19.2 -1.07 + 2.2	5.0/16.5	59719
2004 TL ₂₁₄	2009 12 16.4	05 35.89 +10 05.3	19.4 -0.95 - 2.9	5.4/15.6	64233
2001 PY ₉	2009 12 16.4	05 35.92 +22 58.3	20.0 -1.16 - 1.9	0.1/16.4	17934
2006 HM ₁₇	2009 12 16.4	05 35.93 +11 03.5	19.0 -0.90 + 2.1	4.2/16.4	47406
2002 GV ₈₈	2009 12 16.4	05 35.94 +08 41.9	19.4 -0.95 + 2.4	5.3/16.4	94743
2008 RU ₃₂	2009 12 16.4	05 35.95 +27 22.2	21.0 -1.00 - 0.4	1.2/16.6	55500
2008 RE ₆₃	2009 12 16.4	05 35.96 +37 43.6	21.0 -1.12 - 0.3	4.3/17.0	59812
2005 AK ₃₄	2009 12 16.4	05 35.97 +28 39.8	19.7 -0.99 - 2.7	1.8/16.7	97778
1999 BW ₃₁	2009 12 16.4	05 35.97 +27 34.0	20.2 -0.94 - 1.1	1.4/16.6	47132
2002 PT ₁₈₀	2009 12 16.4	05 35.99 +25 30.5	19.6 -0.93 - 2.8	0.7/16.6	66135
2004 DQ ₁₆	2009 12 16.4	05 35.99 +20 09.4	20.0 -1.20 - 3.7	1.4/16.3	21338
2005 UN ₂₃	2009 12 16.4	05 36.02 +25 09.8	20.3 -1.17 - 1.1	0.7/16.5	18137
2008 QE ₂	2009 12 16.4	05 36.08 +26 06.2	20.8 -1.02 - 1.1	0.9/16.6	58921
2008 OP ₂₂	2009 12 16.4	05 36.08 +24 25.1	20.6 -0.97 - 0.8	0.4/16.5	58609
2006 AQ ₃₅	2009 12 16.4	05 36.10 +17 03.5	20.6 -0.99 + 1.0	2.2/16.4	96922
2005 QS ₁₁₄	2009 12 16.4	05 36.13 +21 06.6	20.5 -1.17 - 1.0	0.9/16.4	22793
2006 JK ₄	2009 12 16.4	05 36.15 +08 49.9	19.7 -0.86 - 2.8	5.5/15.6	58529
2006 BX ₂₀₅	2009 12 16.4	05 36.15 +13 16.1	20.1 -0.96 + 1.1	3.4/16.3	98132
2002 PD ₁₈₀	2009 12 16.4	05 36.17 +34 06.2	21.2 -0.99 - 1.7	3.0/17.0	47223
2003 UX ₁₃₃	2009 12 16.4	05 36.17 +27 39.1	19.2 -0.97 - 3.0	1.4/16.8	66162
1999 UL ₂₁	2009 12 16.4	05 36.17 +02 55.2	19.8 -0.90 - 4.4	7.3/14.8	47137
2006 CN ₂₃	2009 12 16.4	05 36.18 +21 11.4	20.1 -1.04 + 0.1	0.9/16.4	20840
2004 TZ ₂₆₄	2009 12 16.4	05 36.18 +13 51.8	20.0 -0.96 - 2.1	3.1/16.1	43219
2005 QN ₁₁₀	2009 12 16.4	05 36.24 +20 22.2	20.1 -1.16 - 1.2	1.3/16.4	97798
2002 AR ₁₄₇	2009 12 16.4	05 36.25 +31 57.5	19.6 -1.07 - 1.6	4.4/16.9	04191
2007 EZ ₁₅₁	2009 12 16.5	05 36.16 +23 20.9	19.6 -1.13 + 2.0	0.0/16.5	19432
1999 TT ₈₂	2009 12 16.5	05 36.17 +28 19.7	20.5 -1.04 + 0.4	1.8/16.6	66088
2001 VZ ₄₇	2009 12 16.5	05 36.18 +26 44.3	18.0 -1.14 - 0.3	1.3/16.6	66114
2004 XH ₁₄₆	2009 12 16.5	05 36.20 +17 56.8	18.0 -0.96 + 6.5	2.4/16.8	74466
2007 EO ₁₁₀	2009 12 16.5	05 36.21 +22 38.6	20.6 -1.14 + 0.5	0.3/16.5	47423
2004 TJ ₃₄₃	2009 12 16.5	05 36.21 +54 37.2	20.4 -1.65 + 3.8	9.9/16.5	43220
2004 RL ₅₈	2009 12 16.5	05 36.21 +32 26.9	20.0 -1.14 + 0.2	3.2/16.8	59731

2004 ET ₁₁₂	2009 12 16.5	05 36.24 +18 04.4	21.1 -1.16 + 1.4	2.1/16.5	14716
2004 NH ₁₀	2009 12 16.5	05 36.25 +31 24.9	20.1 -1.16 - 2.4	2.8/17.0	59091
2006 HS ₉	2009 12 16.5	05 36.27 +05 51.4	19.9 -0.83 - 0.6	5.3/15.9	47405
2006 HX ₉₈	2009 12 16.5	05 36.28 +31 22.7	21.0 -0.97 + 2.1	2.4/16.6	47409
2000 WK ₁₅₅	2009 12 16.5	05 36.30 +30 58.8	19.8 -1.18 - 2.3	2.9/17.0	59660
2003 GX ₃₄	2009 12 16.5	05 36.30 +18 45.7	20.7 -0.99 + 1.9	1.4/16.5	47247
2007 GH ₇₆	2009 12 16.5	05 36.31 +29 06.5	21.5 -1.19 + 1.2	2.2/16.6	59522
2005 QG ₆	2009 12 16.5	05 36.32 +21 31.0	20.3 -1.19 - 0.7	0.8/16.5	40137
2005 XH ₁₀₃	2009 12 16.5	05 36.38 +21 59.3	20.6 -1.01 + 1.2	0.6/16.5	98030
2004 VH ₃₆	2009 12 16.5	05 36.38 +27 34.4	20.8 -1.03 + 0.3	1.4/16.6	66189
2003 AE ₃₃	2009 12 16.5	05 36.38 +26 43.1	19.5 -1.18 + 0.9	1.5/16.6	19588
2004 LS ₁₉	2009 12 16.5	05 36.39 +30 05.6	19.0 -1.23 + 3.0	3.0/16.5	62393
2005 QH ₂₃	2009 12 16.5	05 36.39 +33 13.7	19.9 -1.31 - 0.5	4.1/16.9	21820
2005 EB ₁₉₀	2009 12 16.5	05 36.39 +21 28.0	20.8 -0.88 - 1.0	0.6/16.5	00934
2005 CJ ₅₉	2009 12 16.5	05 36.40 +12 36.9	19.8 -0.85 - 0.9	3.5/16.1	47341
2005 RW ₂₁	2009 12 16.5	05 36.41 +28 19.6	19.6 -1.20 - 0.8	2.3/16.7	18120
2008 RF ₈₆	2009 12 16.5	05 36.42 +14 52.6	20.9 -0.96 - 3.2	2.8/16.0	55504
2004 JK ₃₁	2009 12 16.5	05 36.46 +15 18.2	20.8 -1.05 - 1.4	2.8/16.3	59725
2003 BM ₈₀	2009 12 16.5	05 36.50 +30 24.4	19.7 -0.71 - 0.2	1.4/16.8	60783
2002 QN ₃	2009 12 16.5	05 36.50 +14 47.7	20.2 -1.16 - 0.7	3.9/16.3	64189
2006 KC ₁₈	2009 12 16.5	05 36.52 +13 27.1	20.3 -0.90 + 2.3	3.4/16.5	01795
2006 AZ ₂₀	2009 12 16.5	05 36.52 +21 59.7	18.7 -1.13 + 9.9	0.6/16.7	65506
2002 HA ₄	2009 12 16.5	05 36.54 +17 30.1	19.6 -1.03 + 2.1	2.1/16.5	64185
2005 UZ ₃₉₂	2009 12 16.5	05 36.58 +17 43.5	20.8 -1.15 - 0.7	2.2/16.4	47358
2003 UR ₁₆₀	2009 12 16.5	05 36.58 +20 11.0	20.0 -0.90 - 1.2	1.1/16.5	59715
2001 XP ₁₇	2009 12 16.5	05 36.61 +34 47.2	18.1 -1.22 + 1.0	5.3/16.9	66117
2000 CR ₂₃	2009 12 16.5	05 36.62 +02 04.2	19.2 -0.85 + 1.8	7.1/16.5	66091
2008 HB ₃₄	2009 12 16.5	05 36.63 +16 26.6	20.7 -1.14 + 1.1	2.6/16.5	40767
2008 MC ₄	2009 12 16.5	05 36.63 +17 56.2	21.3 -1.07 + 0.6	1.7/16.5	47446
2003 BR ₄₃₁	2009 12 16.5	05 36.63 +21 13.4	20.7 -0.94 - 0.7	0.7/16.5	59418
2005 SE ₃₁	2009 12 16.5	05 36.64 +27 02.7	20.3 -1.22 - 1.0	1.4/16.7	22795
2008 SJ ₃₂	2009 12 16.5	05 36.67 +11 55.1	21.0 -0.91 - 2.5	3.5/16.0	46733
2008 QH ₂₈	2009 12 16.5	05 36.67 +14 32.2	20.0 -0.89 + 1.7	2.7/16.5	58609
2004 TL ₁₄₆	2009 12 16.5	05 36.68 +27 47.8	18.9 -1.06 + 1.1	1.8/16.7	66185
2005 UW ₄₃₄	2009 12 16.6	05 36.61 +11 28.0	20.3 -1.06 - 3.3	4.9/15.9	19231
2007 FA ₃₉	2009 12 16.6	05 36.61 +45 25.7	20.4 -1.36 + 0.9	7.6/16.9	49018
2005 ED ₇₀	2009 12 16.6	05 36.61 -22 10.2	20.7 -1.12 - 1.8	21.9/12.7	40133
2007 GZ ₄₄	2009 12 16.6	05 36.62 +15 23.7	21.1 -1.00 - 1.2	2.9/16.3	47428
2004 RF ₁₄₆	2009 12 16.6	05 36.63 +01 17.8	20.7 -0.95 + 0.8	7.6/16.4	58481
2002 FL ₉	2009 12 16.6	05 36.67 +03 04.7	20.0 -0.94 - 1.9	6.9/15.5	47210
2002 EZ ₁₄₁	2009 12 16.6	05 36.71 +31 15.1	20.1 -1.09 - 0.4	2.8/16.9	48864
2005 YN ₁₇₃	2009 12 16.6	05 36.75 +50 04.3	19.9 -1.64 - 5.6	9.1/18.0	96816
2005 US ₄₅₄	2009 12 16.6	05 36.75 +12 16.4	19.7 -1.05 + 0.5	4.9/16.4	21847
2006 AN ₈₄	2009 12 16.6	05 36.76 +30 38.7	19.3 -1.12 + 1.4	3.5/16.7	98087
2008 SV ₈₆	2009 12 16.6	05 36.76 +17 55.9	20.5 -0.86 - 2.2	1.6/16.4	66326
2005 TS ₂₁	2009 12 16.6	05 36.78 +27 28.2	20.3 -1.19 + 0.6	1.9/16.7	97849
2001 QL ₂₁₇	2009 12 16.6	05 36.84 +25 42.4	20.1 -1.18 - 0.1	0.9/16.7	57352
2000 RF ₉₁	2009 12 16.6	05 36.85 +51 21.1	19.3 -1.84 - 4.0	13.0/18.5	66095
2008 RN ₁₂₃	2009 12 16.6	05 36.87 +20 51.4	20.7 -0.94 - 0.6	0.8/16.6	60579
2003 UM ₁₆₇	2009 12 16.6	05 36.88 +19 05.0	19.6 -0.89 - 3.3	1.2/16.4	66162
2005 XH ₃₈	2009 12 16.6	05 36.88 +11 36.9	19.9 -0.89 + 0.3	3.8/16.4	47364

2001 UB ₁₆₆	2009 12 16.6	05 36.90 +23 37.2 20.9	-1.13 + 0.3	0.1/16.7	41773
2002 PH ₁₅₆	2009 12 16.6	05 36.90 +41 09.0 20.0	-1.08 - 2.2	5.1/17.7	47222
2008 PO ₁₄	2009 12 16.6	05 36.90 +15 26.8 20.8	-0.94 + 0.2	2.6/16.5	47450
2002 CJ ₁₁₇	2009 12 16.6	05 36.94 +23 28.7 19.9	-1.06 + 0.3	0.1/16.7	41779
2007 GP ₃₆	2009 12 16.6	05 36.95 +27 19.9 19.1	-1.14 + 3.0	1.9/16.6	66281
2005 UU ₃₃₀	2009 12 16.6	05 37.02 +20 24.4 20.6	-1.11 - 0.2	1.1/16.6	43240
2006 BU ₁₃₂	2009 12 16.6	05 37.08 +20 31.2 20.0	-0.95 - 0.6	1.0/16.6	48989
2008 SC ₁₅₇	2009 12 16.6	05 37.08 +04 45.1 21.4	-0.82 - 0.8	5.1/16.1	49061
2005 UG ₂₁₇	2009 12 16.6	05 37.09 +26 03.8 19.3	-1.14 + 1.0	1.3/16.7	66224
2004 ET ₇₃	2009 12 16.6	05 37.11 +34 11.5 19.7	-1.31 - 0.3	4.3/17.0	57401
2002 AL ₅₂	2009 12 16.6	05 37.11 +30 17.6 18.5	-1.13 - 3.9	2.9/17.2	97546
2005 SQ ₈	2009 12 16.6	05 37.11 +21 50.9 21.4	-1.17 - 0.7	0.6/16.6	97809
2001 RS ₈	2009 12 16.6	05 37.14 +31 16.0 21.8	-1.22 - 0.8	2.7/17.0	60292
2008 GA ₉₁	2009 12 16.6	05 37.15 +29 14.0 19.7	-1.39 + 1.3	2.7/16.8	41616
2006 BU ₁₂₅	2009 12 16.7	05 37.05 +37 36.0 21.0	-1.07 - 1.2	4.4/17.3	47381
2003 UQ ₃₆	2009 12 16.7	05 37.06 +26 43.1 19.0	-0.95 - 4.7	1.3/17.0	66161
2006 FQ ₂₁	2009 12 16.7	05 37.08 +38 33.6 21.1	-1.05 - 0.2	4.5/17.2	46451
2004 RG ₁₀₅	2009 12 16.7	05 37.11 +11 33.9 20.3	-0.97 - 2.3	3.9/16.2	47305
2008 QS ₃₆	2009 12 16.7	05 37.12 +08 16.3 20.5	-0.86 - 0.3	5.2/16.3	46631
2000 NG ₁₅	2009 12 16.7	05 37.13 +39 51.6 19.1	-1.29 - 4.8	6.6/18.2	66093
2007 GX ₆₄	2009 12 16.7	05 37.15 +32 17.5 21.3	-1.04 + 0.3	2.6/16.9	47429
2001 VT ₁	2009 12 16.7	05 37.16 +50 59.8 18.6	-1.97 -12.9	14.1/21.4	10826
2004 FD ₁₁₂	2009 12 16.7	05 37.16 +22 54.4 20.5	-1.20 - 0.5	0.2/16.7	66170
2000 WK ₂₉	2009 12 16.7	05 37.17 +33 18.0 18.4	-1.24 + 6.6	4.5/16.4	66098
2004 RL ₂₉	2009 12 16.7	05 37.17 +36 32.0 19.6	-1.22 - 0.5	4.9/17.2	47302
2001 FJ ₁₄₁	2009 12 16.7	05 37.20 +30 37.3 21.3	-1.26 + 0.1	2.5/16.9	66101
2008 GT ₄₅	2009 12 16.7	05 37.23 +23 28.2 20.5	-1.24 + 2.0	0.1/16.7	58605
2001 PQ ₂	2009 12 16.7	05 37.27 +30 53.1 20.8	-1.26 - 1.7	2.9/17.1	48835
2000 GE ₁₂₁	2009 12 16.7	05 37.34 +25 57.3 21.4	-1.19 - 0.3	1.1/16.8	22376
2005 NV ₂₀	2009 12 16.7	05 37.43 +24 28.4 20.9	-1.31 + 3.2	0.4/16.8	87698
2005 UE ₂₅₃	2009 12 16.7	05 37.43 +25 23.6 19.2	-1.08 - 0.5	1.0/16.8	66224
1999 RO ₄₄	2009 12 16.7	05 37.46 -12 43.5 20.5	-0.87 - 0.6	9.0/15.5	47133
2004 VD ₅₄	2009 12 16.7	05 37.46 +35 00.8 19.3	-1.13 - 3.4	4.2/17.5	66189
2008 HP ₄₆	2009 12 16.7	05 37.48 +29 00.5 22.1	-1.28 + 2.0	2.0/16.8	40768
2001 SQ ₂₅₅	2009 12 16.7	05 37.48 +14 32.0 20.5	-1.06 - 1.0	3.2/16.5	41770
2006 DS ₂₁₆	2009 12 16.7	05 37.50 +29 49.2 20.7	-0.91 - 0.3	1.7/17.0	66257
2006 BC ₂₅₁	2009 12 16.7	05 37.53 +12 55.8 20.5	-0.97 + 0.8	4.2/16.6	53475
2008 QT ₁₀	2009 12 16.7	05 37.55 +08 23.9 20.8	-0.82 - 0.1	4.4/16.5	52507
2005 WM ₆₄	2009 12 16.8	05 37.48 +19 15.2 20.1	-1.09 - 2.8	1.7/16.6	66233
2006 FO ₅₁	2009 12 16.8	05 37.49 +54 45.9 21.0	-1.34 + 2.0	7.6/17.0	47403
2005 YB ₁₃	2009 12 16.8	05 37.50 +16 18.0 20.3	-1.05 + 3.7	2.7/16.9	20462
2002 XO ₃₈	2009 12 16.8	05 37.51 +20 53.3 16.9	-1.34 -23.3	1.3/16.3	65350
2005 SM ₆₃	2009 12 16.8	05 37.52 +35 10.6 20.0	-1.30 + 0.7	5.1/17.0	19652
2003 RK ₄	2009 12 16.8	05 37.53 +20 52.3 19.9	-0.95 - 3.2	0.7/16.7	47254
2006 BX ₁₉₉	2009 12 16.8	05 37.54 +24 24.5 20.6	-0.98 - 1.1	0.4/16.9	66252
2005 UC ₃₅₄	2009 12 16.8	05 37.56 +21 21.7 18.9	-1.12 - 7.0	0.8/16.6	41831
2005 AB ₃₅	2009 12 16.8	05 37.58 +11 30.5 19.5	-0.90 + 2.4	4.2/16.8	76594
2007 HQ ₁₈	2009 12 16.8	05 37.61 +27 21.5 21.3	-1.01 + 0.4	1.2/16.9	47430
2002 QT ₁₁₃	2009 12 16.8	05 37.64 +08 26.4 21.2	-0.83 - 1.5	4.3/16.2	48874
2004 XB ₅	2009 12 16.8	05 37.66 +22 11.4 18.5	-0.99 - 4.7	0.4/16.7	66190
2003 CU ₃	2009 12 16.8	05 37.68 +06 23.5 19.3	-1.06 + 5.5	7.9/18.0	08672

2004 QO ₁₉	2009 12 16.8	05 37.70 +20 25.0 21.0	-1.14 + 4.3	1.0/16.9	39744
2008 KL ₃₄	2009 12 16.8	05 37.72 +18 53.6 20.4	-1.19 + 2.9	1.7/16.9	66320
2007 EJ ₄₂	2009 12 16.8	05 37.72 +14 35.9 20.6	-1.06 - 0.7	3.3/16.6	64311
2005 CT ₃₇	2009 12 16.8	05 37.73 +21 41.0 18.9	-0.95 + 3.6	0.6/16.9	65421
2008 OQ ₆	2009 12 16.8	05 37.73 +26 53.8 21.1	-1.10 - 1.4	1.2/17.0	47447
2001 UO ₉₀	2009 12 16.8	05 37.75 +28 58.1 20.9	-1.22 + 1.4	2.3/16.9	13824
2008 RT ₄₆	2009 12 16.8	05 37.75 +18 13.8 20.7	-0.85 - 0.6	1.5/16.7	66323
2005 OJ ₁₈	2009 12 16.8	05 37.77 +14 57.7 20.5	-1.15 - 0.3	3.2/16.7	64245
2004 TJ ₂₅₄	2009 12 16.8	05 37.77 +18 33.9 20.3	-0.99 - 0.7	1.8/16.7	41819
2005 NR ₈₇	2009 12 16.8	05 37.78 +24 01.4 19.7	-1.22 - 1.8	0.3/16.9	14741
2005 SD ₁₉	2009 12 16.8	05 37.80 -10 12.0 20.2	-1.03 - 2.0	11.7/15.8	40694
2008 KH ₁	2009 12 16.8	05 37.83 +12 20.0 19.6	-1.14 - 0.9	4.5/16.6	40619
2002 PX ₁₆₁	2009 12 16.8	05 37.87 +42 49.0 20.9	-1.09 - 1.8	5.2/17.9	00316
2001 MS ₁₆	2009 12 16.8	05 37.88 +32 35.4 21.6	-1.25 - 1.1	3.2/17.2	47167
2000 SO ₂₆₅	2009 12 16.8	05 37.89 +09 57.5 18.1	-0.89 + 0.9	6.5/16.7	62308
2008 RP ₁₃₀	2009 12 16.8	05 37.90 +09 34.6 20.1	-0.88 + 0.5	4.8/16.7	65599
1997 SO ₁₉	2009 12 16.8	05 37.96 +35 56.0 20.7	-1.01 - 0.6	3.7/17.3	48806
2005 UD ₃₁₆	2009 12 16.8	05 38.01 +39 40.7 19.4	-1.38 + 5.3	7.2/16.3	62452
1995 SV ₅₁	2009 12 16.8	05 38.02 +26 56.5 20.6	-1.05 - 0.2	1.3/17.0	66082
2000 CX ₁₁₀	2009 12 16.8	05 38.03 +27 47.3 21.2	-1.25 - 1.1	1.8/17.0	17396
2002 RK ₁₇₂	2009 12 16.9	05 37.92 +26 32.0 20.3	-1.29 + 1.4	1.3/16.9	40107
2006 AD ₉₃	2009 12 16.9	05 37.94 +26 58.0 20.8	-1.04 - 0.6	1.2/17.0	47375
2001 TF ₂₁	2009 12 16.9	05 37.95 +01 31.6 18.1	-1.30 -12.7	11.1/13.9	62321
2006 AZ ₃₆	2009 12 16.9	05 37.95 +27 08.0 19.9	-1.07 - 1.0	1.5/17.0	66247
2000 CB ₁₂₉	2009 12 16.9	05 37.96 +31 17.1 20.6	-1.25 - 2.7	3.0/17.3	47142
2004 SO ₁₅	2009 12 16.9	05 37.96 +23 22.2 19.6	-1.06 + 2.7	0.0/16.9	22777
2003 UC ₂₂₈	2009 12 16.9	05 37.96 +38 21.5 20.1	-1.06 + 1.0	4.5/17.2	58461
2002 GT ₇₄	2009 12 16.9	05 37.97 +18 44.4 20.1	-0.96 - 1.0	1.5/16.7	47212
2003 WF ₉₃	2009 12 16.9	05 38.00 +34 56.9 20.3	-1.02 + 2.0	3.6/17.0	03570
2007 FW ₂₁	2009 12 16.9	05 38.01 +33 42.1 21.1	-1.15 + 0.1	3.4/17.2	47425
2005 UC ₁₂₇	2009 12 16.9	05 38.01 +25 50.0 20.6	-1.14 + 0.2	1.1/17.0	01044
2001 FU ₆	2009 12 16.9	05 38.02 +24 20.4 22.7	-1.21 - 0.1	0.3/16.9	47165
2005 UU ₆₂	2009 12 16.9	05 38.04 +20 30.5 19.6	-1.05 - 1.2	1.4/16.8	01035
2003 SL ₂₅₈	2009 12 16.9	05 38.04 +31 01.0 19.3	-1.00 + 0.5	2.8/17.1	60788
2008 RY ₁	2009 12 16.9	05 38.04 +18 02.4 20.7	-0.88 - 0.4	1.7/16.8	57499
1996 GU ₅	2009 12 16.9	05 38.05 +27 22.8 20.1	-1.00 + 1.2	1.4/17.0	65298
2003 UH ₂₃₆	2009 12 16.9	05 38.13 +44 03.8 19.2	-1.18 + 2.6	7.7/16.8	66163
2000 TY ₃₁	2009 12 16.9	05 38.14 +23 06.2 21.1	-1.07 + 0.8	0.1/16.9	17923
2003 SE ₁₉₁	2009 12 16.9	05 38.15 +33 21.6 18.8	-1.03 - 2.3	3.4/17.5	47261
2002 RD ₂₃₂	2009 12 16.9	05 38.16 +43 41.3 20.3	-1.11 - 1.3	5.9/17.8	47230
1999 TS ₁₂₅	2009 12 16.9	05 38.16 +19 19.1 20.3	-1.22 - 2.4	1.9/16.8	40084
2002 JD ₇	2009 12 16.9	05 38.17 +20 04.9 20.6	-0.96 + 0.7	1.0/16.9	47215
2004 QT ₁	2009 12 16.9	05 38.18 +32 49.8 19.7	-1.16 - 4.2	3.6/18.0	97725
2004 ST	2009 12 16.9	05 38.20 +37 47.7 20.8	-1.20 + 1.2	4.4/17.2	47312
2005 UR ₃₀₅	2009 12 16.9	05 38.23 +16 42.8 21.0	-1.10 - 2.4	2.5/16.7	26083
2005 QT ₁₂₀	2009 12 16.9	05 38.26 +21 45.7 19.7	-1.06 - 0.1	0.8/16.9	11122
2002 EF ₁₀₃	2009 12 16.9	05 38.27 +28 16.0 20.7	-1.09 - 0.2	1.9/17.1	43150
2001 UY ₂₂₄	2009 12 16.9	05 38.33 +27 31.2 20.6	-1.16 + 1.2	1.6/17.0	16181
2005 YA ₁₂₇	2009 12 16.9	05 38.36 +36 01.4 18.8	-1.18 - 6.2	5.6/18.2	66243
2005 SD ₁₇₉	2009 12 16.9	05 38.39 +23 50.6 19.6	-1.17 - 1.3	0.2/17.0	65447
2008 SF ₁₄₆	2009 12 16.9	05 38.41 +14 17.0 20.5	-0.79 - 2.1	2.6/16.6	57499

2006 DW ₁₀₉	2009 12 16.9	05 38.42 +48 06.8 20.0	-1.27	- 0.9	8.6/18.1	47395
2004 TW ₂₇₆	2009 12 16.9	05 38.43 +30 13.6 20.6	-1.07	+ 1.3	2.4/17.1	20365
2001 YJ ₁₆₀	2009 12 16.9	05 38.43 +45 37.7 19.9	-1.40	+ 2.9	9.0/17.0	22693
2003 UQ ₂₀₃	2009 12 16.9	05 38.43 +10 58.2 20.0	-0.85	- 3.0	3.9/16.3	48910
2003 UM ₁₉₆	2009 12 16.9	05 38.44 +01 12.9 19.6	-0.85	- 4.8	7.1/15.2	59423
2005 UT ₂₂₅	2009 12 16.9	05 38.47 +29 10.1 20.5	-1.20	- 0.7	2.5/17.2	22800
2005 UO ₃₃₅	2009 12 17.0	05 38.40 +24 35.8 19.0	-1.12	- 3.6	0.6/17.1	66226
2005 YL ₄₈	2009 12 17.0	05 38.41 +17 49.4 19.8	-1.03	+ 2.3	2.2/17.0	64281
2007 EX ₈₂	2009 12 17.0	05 38.41 +12 25.2 20.4	-1.10	- 0.3	4.8/16.7	40709
2007 EN ₁₃₇	2009 12 17.0	05 38.43 +24 13.8 20.7	-1.12	- 1.0	0.3/17.0	66276
2004 RV ₁₅₄	2009 12 17.0	05 38.44 +21 41.1 20.6	-1.04	- 1.8	0.6/16.9	47306
2006 GL ₂	2009 12 17.0	05 38.46 +21 38.7 21.3	-0.92	+ 0.3	0.5/17.0	47403
2008 SH ₁₆₄	2009 12 17.0	05 38.48 +19 55.5 19.8	-0.74	- 0.2	0.9/16.9	49062
2004 HW ₅₉	2009 12 17.0	05 38.50 +21 52.2 20.4	-1.15	+ 0.4	0.5/17.0	43200
1999 TJ ₂₄₃	2009 12 17.0	05 38.51 +16 57.9 19.8	-0.96	- 1.2	2.3/16.8	64149
2005 QU ₁₈₆	2009 12 17.0	05 38.53 +20 19.1 20.9	-1.17	- 0.5	1.1/17.0	39764
2008 NB ₃	2009 12 17.0	05 38.54 +14 28.6 20.8	-1.01	+ 1.7	3.1/17.0	41704
2006 EL ₉	2009 12 17.0	05 38.54 +20 22.5 20.4	-0.94	+ 0.2	1.0/17.0	11163
2000 SD ₁₂₆	2009 12 17.0	05 38.54 +04 45.5 20.2	-0.96	- 1.0	6.4/16.5	59657
2003 FP ₆₂	2009 12 17.0	05 38.60 +23 14.2 19.6	-1.13	+ 0.5	0.0/17.0	66150
2007 BL ₄₃	2009 12 17.0	05 38.61 +17 16.8 20.2	-1.18	+ 1.7	2.8/17.0	58563
1996 JM ₁₁	2009 12 17.0	05 38.62 +17 11.6 21.7	-1.06	+ 0.7	2.1/16.9	15671
2007 DF ₁₀₅	2009 12 17.0	05 38.62 +33 05.2 21.0	-1.24	+ 0.6	4.4/17.2	20544
2005 SW ₁₀	2009 12 17.0	05 38.66 +26 25.9 20.1	-1.21	- 1.8	1.3/17.2	18122
2007 EV ₁₇	2009 12 17.0	05 38.70 +21 44.2 20.6	-1.14	- 0.6	0.6/17.0	59790
2007 EW ₂₁₄	2009 12 17.0	05 38.72 +28 13.0 21.1	-1.12	- 0.3	1.8/17.2	31525
2008 SL ₁₄₆	2009 12 17.0	05 38.73 +33 28.9 20.0	-0.99	- 1.6	3.1/17.5	46833
2000 QP ₁₅₄	2009 12 17.0	05 38.78 +05 01.9 20.4	-0.97	- 1.5	6.2/16.4	59065
2006 AA ₄₅	2009 12 17.0	05 38.83 +27 56.5 18.9	-1.14	+ 5.7	1.7/16.9	43251
2006 BL ₇₂	2009 12 17.0	05 38.84 +22 48.3 19.6	-1.00	+ 1.3	0.2/17.1	66250
2007 GL ₁₇	2009 12 17.0	05 38.85 +15 01.2 22.0	-1.00	- 2.7	2.8/16.7	21363
2005 VE ₁₁₉	2009 12 17.0	05 38.86 +17 41.3 19.7	-1.06	+ 0.8	2.6/17.0	66231
2003 JQ ₅	2009 12 17.0	05 38.91 +39 33.9 20.9	-1.28	+ 3.5	5.2/16.9	20308
2003 QB ₃	2009 12 17.1	05 38.81 +28 35.9 20.4	-1.01	- 1.6	1.6/17.3	48893
1997 WL ₃	2009 12 17.1	05 38.83 +41 18.3 19.9	-1.13	+ 3.2	5.7/17.0	01968
2001 QQ ₁₈₈	2009 12 17.1	05 38.84 +21 04.6 19.8	-1.14	+ 0.4	1.0/17.1	17939
2007 FU ₃₇	2009 12 17.1	05 38.85 +39 15.8 21.3	-1.23	+ 0.7	4.9/17.3	47426
2005 CJ ₂₂	2009 12 17.1	05 38.86 +16 48.1 20.6	-0.88	- 3.2	1.9/16.7	66195
2005 YE ₂₅	2009 12 17.1	05 38.86 +20 49.3 20.6	-1.02	+ 0.2	0.9/17.1	43247
2003 UN ₇₅	2009 12 17.1	05 38.87 +10 55.6 19.3	-0.86	- 3.4	4.7/16.3	46074
2007 JY ₄	2009 12 17.1	05 38.94 +26 50.8 19.9	-1.03	+ 1.4	1.2/17.2	66285
2002 RW ₃₁	2009 12 17.1	05 38.95 +53 02.8 20.4	-1.27	- 1.5	7.8/18.8	45981
2004 TL ₁₃₆	2009 12 17.1	05 38.95 +34 38.9 18.2	-1.08	- 2.7	5.0/17.8	66185
2004 RF ₆₇	2009 12 17.1	05 38.97 +08 55.4 19.5	-0.95	- 0.1	5.5/16.8	20797
2008 RP ₂	2009 12 17.1	05 39.01 +38 16.8 20.8	-1.04	- 1.2	4.5/17.8	49037
2002 XR ₆₅	2009 12 17.1	05 39.02 +53 06.9 18.4	-1.70	- 7.0	13.8/20.1	66146
2008 RO ₆₂	2009 12 17.1	05 39.03 +24 34.1 21.8	-0.91	- 0.1	0.4/17.2	50179
2005 TL ₁₀₈	2009 12 17.1	05 39.12 +27 38.9 20.1	-1.12	- 2.9	2.1/17.4	21843
2000 WC ₁₄₉	2009 12 17.1	05 39.18 +02 59.0 18.6	-0.91	+ 1.3	8.8/17.1	66099
2005 AV ₃₃	2009 12 17.1	05 39.22 +03 13.5 19.6	-0.90	+ 4.9	6.4/17.8	43228
2002 XL ₂₀	2009 12 17.1	05 39.23 +23 58.8 19.1	-1.21	- 3.3	0.3/17.2	60779

2007 HS ₆₅	2009 12 17.1	05 39.23 +04 46.2 21.3	-0.96	- 1.3	6.0/16.4	47432
2007 DW ₇₅	2009 12 17.1	05 39.27 +19 11.9 21.2	-1.11	- 0.6	1.6/17.1	42873
2001 HD ₄₇	2009 12 17.1	05 39.27 -08 51.7 20.1	-0.90	- 6.0	10.5/13.4	62314
2005 QE ₆₉	2009 12 17.1	05 39.27 +26 42.3 20.1	-1.26	+ 1.3	1.3/17.2	40138
1999 FD ₇₃	2009 12 17.1	05 39.27 +18 48.2 20.7	-1.09	- 0.2	1.9/17.1	20728
2005 UX ₄₉	2009 12 17.1	05 39.30 +33 55.4 20.8	-1.26	+ 0.3	4.3/17.4	16321
2007 RK ₁₈₅	2009 12 17.1	05 39.31 +33 23.1 21.5	-0.66	+ 0.2	2.0/17.5	41358
2005 SV ₈₀	2009 12 17.1	05 39.31 +24 38.0 19.8	-1.14	+ 0.1	0.6/17.2	65443
2006 DN ₁₃₃	2009 12 17.1	05 39.33 +24 25.2 20.0	-1.01	+ 0.7	0.4/17.2	66256
2008 SZ ₁₄₅	2009 12 17.2	05 39.26 -05 12.6 22.7	-0.80	- 1.4	7.0/16.4	49059
2001 YU ₄₇	2009 12 17.2	05 39.29 +24 37.9 19.5	-1.17	+ 4.9	0.5/17.2	94427
2004 VJ ₅₂	2009 12 17.2	05 39.29 +22 12.9 18.9	-1.01	+ 2.5	0.4/17.2	66189
2001 UF ₂₀₈	2009 12 17.2	05 39.31 +25 26.6 21.0	-1.17	- 1.2	0.8/17.3	94248
2002 CR ₂₇₁	2009 12 17.2	05 39.31 +20 11.7 20.1	-1.03	+ 0.4	1.3/17.2	41779
2008 QQ ₂₇	2009 12 17.2	05 39.33 -17 38.6 22.0	-0.93	+ 2.1	11.2/18.0	51071
2002 ES ₁₅₉	2009 12 17.2	05 39.34 +20 31.3 19.8	-1.02	+ 0.8	1.1/17.2	66130
2003 UX ₁₆₀	2009 12 17.2	05 39.35 +14 10.5 20.0	-0.87	- 2.3	2.9/16.8	64212
2002 QR ₁₂₇	2009 12 17.2	05 39.37 +24 18.4 21.6	-0.88	+ 0.1	0.3/17.2	48875
2005 WV ₇₆	2009 12 17.2	05 39.37 +28 52.5 20.2	-1.15	+ 0.9	2.0/17.3	59766
2000 WR ₁₃₁	2009 12 17.2	05 39.42 +04 23.9 18.6	-0.95	+ 0.2	8.5/18.0	66099
2005 TW ₁₈₃	2009 12 17.2	05 39.43 +12 35.4 19.6	-1.07	+ 1.4	4.9/17.2	21844
2007 HN ₅₀	2009 12 17.2	05 39.51 +13 55.2 21.6	-0.96	- 0.2	3.2/17.0	57474
2008 SG ₅₂	2009 12 17.2	05 39.55 +19 20.9 21.1	-0.85	- 0.7	1.1/17.1	50238
2002 CG ₃₁₅	2009 12 17.2	05 39.55 +18 54.2 20.0	-1.02	- 1.6	1.8/17.1	66129
2006 HX ₉₃	2009 12 17.2	05 39.58 +12 23.5 20.3	-0.87	+ 2.0	3.5/17.2	01711
2002 CR ₁₅₀	2009 12 17.2	05 39.61 +22 16.3 20.1	-1.09	0.0	0.5/17.2	66127
2008 SD ₂₂₀	2009 12 17.2	05 39.64 +06 15.0 20.6	-0.82	- 1.5	5.1/16.6	50334
2008 PK ₂₀	2009 12 17.2	05 39.64 +19 54.4 20.6	-0.94	- 0.4	1.2/17.2	65592
2005 SJ ₇₈	2009 12 17.2	05 39.65 +30 46.8 20.5	-1.27	+ 0.8	3.2/17.4	66210
2007 DB ₉₇	2009 12 17.2	05 39.65 +19 17.6 20.6	-1.12	- 0.8	1.5/17.1	47420
2004 TD ₂₈₁	2009 12 17.2	05 39.66 +25 06.9 18.9	-1.02	+ 1.3	0.7/17.3	66187
2003 QS ₁₁₄	2009 12 17.2	05 39.66 +25 36.3 19.1	-0.98	+ 1.3	0.8/17.3	47254
2005 VC ₂₃	2009 12 17.2	05 39.67 +25 54.3 20.1	-1.18	+ 1.2	1.0/17.3	02260
2005 UV ₂₉₈	2009 12 17.2	05 39.68 +22 03.3 21.8	-1.14	- 0.7	0.5/17.2	22800
2002 AG ₉₁	2009 12 17.2	05 39.71 +17 59.8 19.7	-1.05	+ 0.7	2.1/17.2	66123
2000 RF ₉₆	2009 12 17.2	05 39.72 +16 05.6 19.9	-1.04	- 4.0	2.5/16.8	70259
2001 QS ₈₅	2009 12 17.2	05 39.75 +20 46.8 20.3	-1.15	- 0.1	1.0/17.2	93983
2004 RK ₂₀₄	2009 12 17.2	05 39.77 +25 40.8 18.4	-1.11	- 3.4	1.0/18.0	74350
2007 HO ₃₀	2009 12 17.2	05 39.78 +25 12.5 21.5	-1.14	+ 0.3	0.7/17.3	21220
2001 RN ₃₈	2009 12 17.3	05 39.71 +28 24.9 19.9	-1.18	- 1.0	2.1/17.5	17943
2004 RQ ₁₃₆	2009 12 17.3	05 39.72 +17 57.4 18.8	-1.03	- 3.0	2.0/17.0	66178
2004 VW ₇₇	2009 12 17.3	05 39.74 +21 12.6 18.6	-0.97	+ 0.9	0.9/17.3	66190
2006 BL ₁₀₅	2009 12 17.3	05 39.74 +30 08.5 21.3	-1.09	- 1.0	2.5/17.5	11156
2001 RC ₂₁	2009 12 17.3	05 39.75 +20 22.3 19.9	-1.14	0.0	1.2/17.3	40094
2005 QZ ₇₈	2009 12 17.3	05 39.77 +22 49.4 19.9	-1.18	- 1.3	11.1/07.0	97796
2003 UJ ₄₀₅	2009 12 17.3	05 39.79 +06 57.4 21.8	-0.85	- 0.7	5.2/16.8	55113
2007 HO ₆₈	2009 12 17.3	05 39.79 +01 18.9 21.8	-0.86	- 1.6	6.2/16.5	47432
2006 HV ₇₃	2009 12 17.3	05 39.80 +20 24.9 20.6	-0.87	+ 0.5	0.8/17.3	58528
2005 UL ₁₅₁	2009 12 17.3	05 39.80 +30 52.4 20.5	-1.20	+ 1.1	3.1/17.4	18142
2008 RJ ₃₃	2009 12 17.3	05 39.81 +25 53.5 21.8	-1.06	- 1.1	0.8/17.4	55500
1999 VL ₇₆	2009 12 17.3	05 39.82 +30 48.4 20.2	-1.09	+ 3.7	2.8/17.2	74671

2004 NA ₂₈	2009 12 17.3	05 39.85 +11 34.9 20.5	-1.03 + 1.4	4.0/17.2	43202	2004 RZ ₂₈₇	2009 12 17.5	05 40.76 +07 01.1 19.5	-0.89 - 1.6	7.1/17.0	41814
2005 YD ₆₈	2009 12 17.3	05 39.85 +28 00.7 19.6	-1.10 - 1.4	2.0/17.5	60855	2001 YU ₅₇	2009 12 17.5	05 40.76 +26 43.4 19.2	-1.21 + 2.2	1.4/18.0	66121
2007 LQ ₃₁	2009 12 17.3	05 39.87 +22 56.7 19.8	-0.97 - 2.5	0.1/17.3	49022	2000 QE ₇₀	2009 12 17.5	05 40.77 +07 03.5 21.3	-0.96 - 0.5	4.9/17.2	47147
2004 JZ ₃₂	2009 12 17.3	05 39.87 +09 42.8 20.6	-1.04 - 1.8	4.7/16.9	59091	2002 PT ₁₆₁	2009 12 17.5	05 40.78 +18 30.6 22.1	-0.84 + 0.2	1.2/17.4	47222
2008 RL ₉₀	2009 12 17.3	05 39.92 +13 12.7 20.4	-0.94 + 0.4	3.6/17.2	50188	2000 DC ₇₇	2009 12 17.5	05 40.79 +22 02.8 20.0	-0.94 - 0.5	0.4/17.5	66091
2006 NB	2009 12 17.3	05 39.95 +05 01.7 21.0	-0.90 + 4.2	5.3/17.7	47414	2001 TU ₁₉₅	2009 12 17.5	05 40.79 +11 14.9 18.8	-1.06 + 3.2	4.9/18.0	17961
2002 SO ₅₉	2009 12 17.3	05 39.99 +26 38.5 19.0	-1.33 + 3.6	1.6/18.0	50668	2000 QQ ₂₀₃	2009 12 17.5	05 40.81 +20 25.7 20.1	-1.07 + 0.9	1.1/18.0	17916
2003 NE ₁	2009 12 17.3	05 40.01 +16 26.0 21.9	-0.94 + 2.3	1.9/17.4	17468	2002 PF ₁₀₆	2009 12 17.5	05 40.87 +20 34.6 20.0	-0.88 - 2.4	0.8/17.4	47221
2005 UU ₂₉₈	2009 12 17.3	05 40.02 +24 43.8 20.4	-1.15 + 0.3	0.5/17.4	59763	2004 TC ₃₂	2009 12 17.5	05 40.88 +24 14.2 20.8	-1.04 - 1.3	0.3/17.6	41816
2002 QT ₁₃₂	2009 12 17.3	05 40.06 +39 34.0 19.7	-1.04 - 2.2	4.6/18.2	66137	2004 RC ₃₈	2009 12 17.5	05 40.96 +40 55.1 21.5	-1.27 - 0.1	5.8/18.1	43207
2005 UL ₇₀	2009 12 17.3	05 40.08 +20 09.8 20.4	-1.13 - 3.7	1.3/17.2	66220	2005 SH ₁₂₃	2009 12 17.5	05 40.97 +35 37.8 20.0	-1.28 0.0	5.4/17.8	16309
2008 SK ₂₂	2009 12 17.3	05 40.11 +00 23.8 21.2	-0.83 + 0.2	6.7/17.1	46724	2007 DR ₆₁	2009 12 17.5	05 40.97 +27 26.1 20.1	-1.16 - 0.6	1.5/17.7	43274
2006 FM ₁₁	2009 12 17.3	05 40.12 +28 20.8 20.6	-0.91 + 0.4	1.3/17.5	48999	1996 GR ₆	2009 12 17.5	05 40.97 +24 20.9 20.3	-1.14 + 0.5	0.4/17.6	19509
2005 YJ ₃₆	2009 12 17.3	05 40.13 +23 09.7 19.4	-1.04 + 1.6	0.1/17.4	24477	2007 GK ₂₃	2009 12 17.5	05 40.97 +26 39.2 19.7	-1.14 + 0.8	1.4/17.6	19484
2008 OU ₁₉	2009 12 17.3	05 40.14 +18 54.6 21.2	-1.00 - 0.2	1.6/17.3	46591	2007 EJ ₁₆₆	2009 12 17.5	05 40.99 +32 42.3 20.9	-1.24 + 0.1	3.5/17.7	55314
2006 BG ₁₆₁	2009 12 17.3	05 40.17 +10 41.5 19.4	-0.93 0.0	4.8/17.2	47382	2003 SC ₆	2009 12 17.5	05 41.00 +02 16.9 19.3	-0.83 - 0.9	8.0/16.9	43176
2001 QO ₂₂₄	2009 12 17.3	05 40.17 +26 13.2 19.8	-1.20 - 0.7	1.1/17.5	66104	2000 TM ₄₈	2009 12 17.5	05 41.02 +12 33.1 18.3	-0.96 + 3.1	5.0/18.0	66098
2008 SU ₁₄₀	2009 12 17.4	05 40.14 +32 10.5 20.4	-0.99 - 2.5	2.6/17.9	46829	2002 YJ ₂₄	2009 12 17.5	05 41.05 +19 15.7 18.6	-1.14 + 4.3	1.9/17.7	66146
2006 ED ₃₉	2009 12 17.4	05 40.15 +22 53.1 19.3	-1.01 - 2.9	0.2/17.4	66258	2006 BW ₉₀	2009 12 17.5	05 41.06 +07 16.6 19.6	-1.00 + 4.2	5.5/17.9	22808
2006 BC ₄₆	2009 12 17.4	05 40.15 +34 02.1 19.7	-1.08 - 1.7	3.6/17.8	60859	2006 HR ₁₃₁	2009 12 17.5	05 41.09 +09 46.4 20.3	-0.84 - 0.2	4.0/17.3	47409
2002 PT ₁₇₄	2009 12 17.4	05 40.21 +41 08.9 20.4	-1.10 - 0.9	5.6/18.0	48872	2003 UA ₂₀₈	2009 12 17.5	05 41.09 +33 34.8 19.4	-1.01 + 0.9	3.7/17.7	43190
2007 GT ₅₀	2009 12 17.4	05 40.25 +39 48.1 19.5	-1.28 + 1.6	6.0/17.5	59793	2005 QE ₃₆	2009 12 17.6	05 41.02 +34 17.1 20.0	-1.32 - 0.9	4.2/18.0	97792
2008 RP ₁₂₄	2009 12 17.4	05 40.26 +14 21.7 20.9	-0.83 - 0.5	2.7/17.2	58159	2004 FM ₁₁₂	2009 12 17.6	05 41.05 +34 34.9 20.6	-1.32 - 0.4	4.4/17.9	14720
2008 NK ₂	2009 12 17.4	05 40.32 +18 46.3 21.0	-1.06 - 0.6	1.5/17.3	47447	2002 TW ₁₅₅	2009 12 17.6	05 41.06 +04 35.6 20.6	-0.77 - 1.5	4.9/16.8	60773
2005 YG ₇₂	2009 12 17.4	05 40.38 +28 18.2 19.4	-1.12 - 1.1	1.8/17.6	47367	2002 XL ₅₃	2009 12 17.6	05 41.07 +17 42.2 18.8	-1.00 + 1.0	3.1/17.6	66146
2001 XR ₄₆	2009 12 17.4	05 40.39 +30 14.7 17.5	-1.21 + 7.8	3.2/17.0	66118	2004 RJ ₁₁₃	2009 12 17.6	05 41.10 +20 29.6 20.6	-1.01 - 0.6	1.2/17.5	20798
2000 JK ₆	2009 12 17.4	05 40.48 +11 58.2 19.2	-0.93 + 4.7	3.9/17.7	01999	2005 PV ₁₉	2009 12 17.6	05 41.11 +17 38.7 18.8	-1.07 + 0.5	3.0/18.0	66202
2003 UY ₁₃₄	2009 12 17.4	05 40.49 +22 34.8 19.1	-0.92 - 1.7	0.3/17.4	60790	2005 CC ₉	2009 12 17.6	05 41.11 +16 19.8 19.5	-0.89 + 2.0	2.4/17.6	58489
2008 TS ₃₀	2009 12 17.4	05 40.49 +22 19.4 20.6	-0.85 - 0.3	0.3/17.4	58929	2008 OK ₇	2009 12 17.6	05 41.14 +30 03.7 20.3	-1.22 - 3.1	2.5/18.0	41709
2002 CG ₁₈₀	2009 12 17.4	05 40.51 +39 08.7 19.4	-1.23 - 3.7	6.5/18.5	47203	2007 EO ₄₅	2009 12 17.6	05 41.14 +27 31.7 19.5	-1.16 + 0.6	2.0/17.7	59790
2004 RP ₇	2009 12 17.4	05 40.53 -00 02.5 20.7	-0.96 + 2.7	7.7/18.0	77785	2005 YJ ₁₈₈	2009 12 17.6	05 41.16 +22 25.6 18.9	-1.01 + 1.7	0.4/17.6	96831
2006 FT ₅	2009 12 17.4	05 40.54 +12 21.6 22.4	-0.80 - 0.6	2.9/17.2	56042	2000 SF ₁₃₈	2009 12 17.6	05 41.17 +23 36.9 19.3	-1.07 - 2.5	10.3/07.0	97398
2008 SP ₁₇	2009 12 17.4	05 40.54 +28 35.7 20.2	-1.06 - 1.9	1.9/17.7	66325	2007 BG ₇₅	2009 12 17.6	05 41.24 +24 58.0 21.0	-1.12 - 0.9	0.6/17.7	47418
2006 BJ ₁₃₀	2009 12 17.4	05 40.56 +17 34.9 19.9	-0.98 - 0.4	2.2/17.3	46382	2005 UL ₃₁₁	2009 12 17.6	05 41.24 +19 46.8 20.0	-1.15 - 0.2	1.7/17.6	66226
2005 SJ ₁₇₀	2009 12 17.4	05 40.56 +28 59.3 20.2	-1.17 - 2.0	2.7/18.0	65447	2007 MJ ₅	2009 12 17.6	05 41.26 +07 11.5 21.3	-0.83 - 0.4	4.7/17.3	47437
2005 EW ₂₄	2009 12 17.4	05 40.62 +62 58.3 18.6	-2.36 + 1.6	20.2/17.1	66196	2003 BO ₃₈	2009 12 17.6	05 41.28 +21 08.0 19.7	-1.14 + 1.4	1.0/17.6	19590
2005 TB ₁₇₈	2009 12 17.4	05 40.63 +24 54.0 20.1	-1.22 + 0.7	0.6/17.5	66218	2001 UR ₉₁	2009 12 17.6	05 41.28 +37 22.5 19.2	-1.26 + 2.5	6.4/17.5	66112
2005 RL ₃₁	2009 12 17.4	05 40.64 +25 35.4 19.7	-1.23 + 1.3	0.9/18.0	66207	2001 RQ ₁₉	2009 12 17.6	05 41.29 +11 58.6 20.2	-1.07 + 1.0	4.4/17.6	21765
2006 DD ₂₀₂	2009 12 17.4	05 40.64 +26 28.0 19.2	-1.04 + 1.3	1.2/17.5	01450	2002 AN ₁₇₄	2009 12 17.6	05 41.30 +25 35.6 19.1	-1.06 + 0.6	1.0/17.7	66124
2004 EY ₆₃	2009 12 17.4	05 40.66 +17 23.2 19.8	-1.12 - 0.9	2.2/17.3	66169	2001 TM ₁₄₇	2009 12 17.6	05 41.30 +15 00.1 20.0	-1.08 + 1.0	3.5/18.0	64166
2005 WN ₁₃₄	2009 12 17.4	05 40.66 +23 35.9 20.1	-1.08 - 2.5	11.3/07.0	65482	2008 ST ₇₀	2009 12 17.6	05 41.31 +14 13.4 21.0	-0.95 - 0.1	2.9/17.5	46771
2002 GD ₁₅₄	2009 12 17.5	05 40.63 +19 53.7 20.2	-1.01 + 2.3	1.1/17.5	66132	2005 TM ₅₄	2009 12 17.6	05 41.36 +22 58.9 19.4	-1.21 + 1.5	9.5/07.0	51018
2008 RJ ₁₂₃	2009 12 17.5	05 40.63 +25 02.7 21.3	-0.96 - 0.4	0.5/17.6	58158	2006 BG ₃₉	2009 12 17.6	05 41.39 +25 39.5 20.4	-1.07 + 0.4	0.9/17.7	66249
2005 SU ₂₁	2009 12 17.5	05 40.65 +34 34.9 19.7	-1.31 - 0.2	4.7/18.0	18122	2005 SO ₂₂	2009 12 17.6	05 41.39 +21 08.4 19.5	-1.11 + 1.4	1.1/18.0	33458
2006 FV ₅	2009 12 17.5	05 40.65 +26 03.2 21.9	-0.95 - 0.3	0.8/17.6	03880	2002 CU ₅₂	2009 12 17.6	05 41.40 +49 25.6 19.0	-1.84 -12.5	13.4/21.8	17993
2007 KY ₈	2009 12 17.5	05 40.65 +04 56.8 20.3	-0.98 - 0.3	6.4/16.9	47435	2007 HJ ₁	2009 12 17.6	05 41.42 +07 27.1 21.3	-0.92 - 1.5	4.8/17.1	55323
2005 UA ₂₄₃	2009 12 17.5	05 40.67 +21 25.9 19.4	-1.04 - 6.3	0.9/17.4	97925	2002 QL ₅₄	2009 12 17.6	05 41.45 +43 59.0 20.8	-1.11 - 1.1	6.0/18.5	45968
2004 XX ₁₃₁	2009 12 17.5	05 40.69 +32 42.1 18.4	-1.05 + 1.2	3.8/17.6	64238	2007 GD ₂₇	2009 12 17.6	05 41.46 +24 28.6 20.4	-1.09 + 1.4	0.4/17.7	52469
2005 YG ₂₆₈	2009 12 17.5	05 40.70 +09 06.4 20.2	-1.01 + 5.1	5.7/18.1	20833	2004 PV ₇₅	2009 12 17.6	05 41.50 +38 03.4 21.4	-1.23 - 2.8	4.7/18.5	70385
2004 NM ₂	2009 12 17.5	05 40.71 +41 29.7 20.0	-1.32 - 4.2	6.5/18.9	40686	2006 EG ₆₆	2009 12 17.6	05 41.53 +19 21.7 20.7	-0.87 - 1.3	1.2/17.6	58526
2006 AE ₅₉	2009 12 17.5	05 40.74 +17 21.4 19.5	-1.04 + 2.9	2.8/18.0	56039	2008 SS ₂₅₀	2009 12 17.6	05 41.53 +18 32.0 20.1	-0.90 - 2.4	1.5/17.5	50347

2005 QT ₆₀	2009 12 17.6	05 41.55 +19 25.3 19.2	-1.12 - 0.8	1.8/17.6	66204
2006 DY ₁₉₂	2009 12 17.6	05 41.55 +21 15.7 21.3	-0.85 - 0.1	0.6/17.7	46432
2005 LC ₃₂	2009 12 17.6	05 41.56 +25 08.7 20.2	-1.26 - 4.1	0.8/18.0	66198
2004 TY ₂₆₂	2009 12 17.7	05 41.46 +22 13.7 19.9	-1.00 - 1.8	0.4/17.7	66187
1999 KF ₇	2009 12 17.7	05 41.50 +25 02.0 20.2	-1.08 + 2.4	0.5/17.7	66087
2004 RW ₉₃	2009 12 17.7	05 41.50 +03 48.4 22.2	-0.97 - 0.5	6.5/17.4	73087
2002 EV ₂₈	2009 12 17.7	05 41.51 +32 10.0 19.4	-1.12 + 0.2	3.5/17.9	47207
2006 DH ₁₃	2009 12 17.7	05 41.54 +19 31.8 19.7	-0.98 - 1.4	1.5/17.6	60861
2008 HT ₆₆	2009 12 17.7	05 41.54 +32 32.0 19.9	-1.72 +13.6	4.3/16.8	66319
2005 RZ ₂₅	2009 12 17.7	05 41.55 +15 25.2 20.0	-1.12 - 2.2	3.2/17.4	97805
2002 HM ₁₂	2009 12 17.7	05 41.56 +14 45.6 19.4	-0.97 + 3.1	2.6/17.8	43154
2007 ED ₁₃₀	2009 12 17.7	05 41.57 +21 38.5 21.1	-1.15 - 0.6	0.7/17.7	19719
2006 DD ₈₀	2009 12 17.7	05 41.58 +39 39.6 21.3	-1.07 - 1.0	4.7/18.3	53482
2004 RD ₂₂₆	2009 12 17.7	05 41.58 +07 03.0 19.1	-0.91 - 1.1	7.0/17.2	21341
2007 ND ₁	2009 12 17.7	05 41.58 +10 08.0 21.0	-0.86 + 3.2	3.5/17.9	46565
1999 TG ₇₉	2009 12 17.7	05 41.64 +36 11.0 20.2	-1.14 + 0.5	4.3/18.0	42575
2008 RG ₁₂₂	2009 12 17.7	05 41.64 +36 05.5 20.6	-1.06 + 0.3	4.3/18.0	58611
2003 SV ₁₂₆	2009 12 17.7	05 41.67 +18 57.5 21.5	-0.90 - 1.4	1.2/17.6	48898
2007 GJ ₄₈	2009 12 17.7	05 41.71 +23 03.6 21.0	-1.13 + 0.8	9.3/28.0	22887
2004 TU ₃₃₅	2009 12 17.7	05 41.71 +20 13.6 19.6	-0.98 - 0.9	1.1/17.7	48950
2002 QA ₁₀₅	2009 12 17.7	05 41.76 +24 35.6 20.1	-0.91 - 0.3	0.4/17.8	66136
2008 RC ₁₂₉	2009 12 17.7	05 41.76 +43 27.6 20.6	-1.13 + 1.8	5.6/18.0	59548
2002 PU ₃₈	2009 12 17.7	05 41.77 +19 29.5 21.1	-1.22 0.0	1.6/17.7	72683
2005 QV ₇₂	2009 12 17.7	05 41.81 +25 38.6 20.6	-1.21 - 1.2	0.9/18.0	16299
2008 QC ₁₂	2009 12 17.7	05 41.82 +18 22.3 21.2	-0.91 + 0.1	1.5/18.0	47454
2008 TL ₄₈	2009 12 17.7	05 41.83 +33 44.1 21.5	-1.17 - 0.2	3.4/18.0	49079
2007 HX ₇₅	2009 12 17.7	05 41.83 +17 14.7 21.2	-1.04 - 1.3	2.1/17.6	46548
2004 QX ₂₄	2009 12 17.7	05 41.83 +55 15.8 19.5	-2.22 +12.3	12.4/15.1	73038
2002 ER ₁₁₃	2009 12 17.7	05 41.85 +34 46.0 21.0	-1.12 - 0.4	3.9/18.1	49829
2000 UB ₇₃	2009 12 17.7	05 41.85 +15 30.4 19.5	-1.02 - 3.7	2.9/17.3	66098
2002 CR ₁₃	2009 12 17.7	05 41.86 +21 40.5 19.0	-1.02 - 0.5	0.8/17.7	20759
2001 SK ₂₁₄	2009 12 17.7	05 41.87 +20 03.9 19.7	-1.14 + 0.7	1.4/18.0	66107
2002 SO ₅₁	2009 12 17.7	05 41.90 +26 08.4 20.6	-1.26 - 2.3	1.1/18.0	66139
2001 QX ₆₀	2009 12 17.7	05 41.90 +20 59.2 20.4	-1.15 0.0	1.0/18.0	40093
2008 PX ₄	2009 12 17.7	05 41.90 +17 19.5 21.0	-1.11 + 2.8	2.2/17.8	42986
2003 SH ₇₉	2009 12 17.7	05 41.91 +36 14.7 19.5	-1.06 - 1.9	4.8/18.4	77709
2005 XB ₇₅	2009 12 17.7	05 41.92 +29 08.9 19.6	-1.12 + 0.8	2.5/18.0	20828
2005 UB ₁₈₇	2009 12 17.7	05 41.96 +26 02.5 20.3	-1.11 + 0.4	1.2/17.8	20419
2007 AR ₁₇	2009 12 17.7	05 42.01 -06 13.0 19.4	-1.23 + 7.0	12.6/18.0	21361
2003 UA ₂₉₃	2009 12 17.8	05 41.93 +13 56.6 18.7	-0.94 + 5.3	3.2/18.2	59717
1997 YY ₁₃	2009 12 17.8	05 41.96 +27 51.6 18.0	-1.13 - 2.4	1.9/18.0	66084
2001 RQ ₁₀₁	2009 12 17.8	05 41.96 +35 59.3 19.7	-1.27 - 0.4	5.6/18.2	19541
2005 QR ₆₀	2009 12 17.8	05 41.99 +33 56.6 20.3	-1.31 - 2.2	4.4/18.3	20381
2004 RF ₅₆	2009 12 17.8	05 42.01 +25 34.1 21.7	-1.07 - 1.1	0.7/18.0	58481
2001 YB ₁₆₀	2009 12 17.8	05 42.03 +38 39.3 18.6	-1.32 + 8.6	7.5/16.9	66122
2002 PP ₁₀₀	2009 12 17.8	05 42.03 +18 47.5 21.3	-0.86 - 1.9	1.3/17.6	48871
2002 XR ₂₉	2009 12 17.8	05 42.04 +15 14.6 18.2	-1.03 + 3.6	4.3/18.0	66145
2003 DD ₅	2009 12 17.8	05 42.04 +30 28.5 20.2	-1.18 - 2.4	2.5/18.1	59695
2005 QY ₁₇	2009 12 17.8	05 42.05 +28 23.7 18.7	-1.18 - 0.3	2.4/18.0	59753
2006 HB ₁₂	2009 12 17.8	05 42.05 +25 01.2 20.6	-0.91 + 1.8	0.5/17.8	01624
2008 SY ₂₀	2009 12 17.8	05 42.06 +20 28.6 20.9	-1.00 - 0.1	1.0/17.8	46723

2003 UM ₁₂₅	2009 12 17.8	05 42.08 +29 33.5 18.8	-1.02 + 3.9	2.2/17.7	60789
2005 PF ₁₇	2009 12 17.8	05 42.09 +26 10.4 19.3	-1.15 - 1.5	1.4/18.0	20378
2002 CC ₂₀	2009 12 17.8	05 42.10 +24 51.5 19.9	-1.07 + 1.4	0.5/17.8	66126
2008 SE ₁₇₁	2009 12 17.8	05 42.13 +09 52.4 20.2	-0.84 - 1.5	4.3/17.4	49063
2005 YJ ₈₄	2009 12 17.8	05 42.15 +06 49.3 19.5	-0.99 + 4.8	6.3/18.5	41836
2005 SY ₆₁	2009 12 17.8	05 42.18 +19 11.5 19.8	-1.15 - 0.7	1.7/18.0	40141
2004 EW ₁₆	2009 12 17.8	05 42.18 +33 46.9 20.8	-1.34 + 1.6	4.1/17.9	21809
2004 TL ₂₅₂	2009 12 17.8	05 42.23 +17 22.9 20.5	-0.99 - 1.3	2.3/17.7	66187
2002 QD ₅₇	2009 12 17.8	05 42.24 +14 01.6 21.4	-0.84 - 0.1	2.8/17.7	47224
2007 JV ₂₁	2009 12 17.8	05 42.24 +23 43.6 21.4	-1.05 - 0.1	7.9/28.0	47434
2004 HT ₂₉	2009 12 17.8	05 42.25 +24 45.1 21.2	-1.20 - 1.4	0.5/17.9	41806
2001 DH ₇	2009 12 17.8	05 42.25 +14 27.0 20.6	-0.94 + 0.6	2.7/17.7	60736
2005 UH ₆₃	2009 12 17.8	05 42.28 +25 39.8 20.7	-1.15 + 0.9	0.8/17.9	18139
2005 RH ₁₁	2009 12 17.8	05 42.28 +29 35.6 19.9	-1.25 - 2.1	2.5/18.1	66207
2007 DO ₇₄	2009 12 17.8	05 42.29 +21 28.1 21.1	-1.08 - 0.5	0.7/17.8	55307
2004 GS	2009 12 17.8	05 42.30 +29 56.0 20.3	-1.27 + 0.9	2.9/17.9	66171
2005 UP ₅₁₂	2009 12 17.8	05 42.32 +24 28.7 20.4	-1.12 - 1.7	0.4/18.0	41220
2007 ES ₁₁₇	2009 12 17.8	05 42.32 +10 05.8 21.2	-0.91 - 0.3	4.2/17.6	49018
1994 CX ₄	2009 12 17.8	05 42.35 +15 31.2 20.9	-1.00 - 0.3	2.8/17.7	43091
2002 NS ₄₆	2009 12 17.8	05 42.36 +42 49.9 20.3	-1.19 - 5.9	5.7/19.7	45951
2006 DU ₁₉₆	2009 12 17.8	05 42.38 +08 59.1 17.7	-0.85 - 5.1	7.7/16.9	66257
2004 TD ₂₈₃	2009 12 17.8	05 42.39 +28 46.2 20.8	-1.06 + 0.8	1.9/18.0	20366
2000 CS ₅₄	2009 12 17.8	05 42.40 -05 11.1 19.7	-0.83 + 0.4	9.2/17.1	22667
2002 EO ₁₂₁	2009 12 17.8	05 42.43 +49 51.0 20.5	-1.48 + 0.9	9.4/17.8	56867
2002 FJ ₁₂	2009 12 17.8	05 42.43 +40 42.3 20.4	-1.16 - 0.1	5.3/18.3	48864
2004 PP ₉₂	2009 12 17.8	05 42.44 +15 24.2 19.6	-1.02 - 3.3	3.2/18.0	74319
2006 DJ ₁₁₁	2009 12 17.8	05 42.47 +48 48.4 20.7	-1.26 - 1.3	7.7/19.3	49995
2005 NS ₈₈	2009 12 17.8	05 42.47 +23 11.6 19.3	-1.18 - 1.7	11.5/07.0	16294
2004 RA ₇₁	2009 12 17.9	05 42.35 +32 41.4 20.8	-1.15 - 2.5	3.4/18.4	59732
2002 QW ₃₉	2009 12 17.9	05 42.36 +58 10.0 19.3	-1.54 - 4.7	11.4/20.9	77627
2007 DC ₃₈	2009 12 17.9	05 42.41 +28 32.3 20.0	-1.20 - 1.3	2.1/18.0	47420
2007 RQ ₉	2009 12 17.9	05 42.42 -10 25.2 19.9	-1.00 - 7.3	11.0/13.9	24526
2002 QM ₁₂₁	2009 12 17.9	05 42.45 +36 07.0 21.7	-0.99 - 1.6	3.4/18.5	45976
2006 DK ₁₆₁	2009 12 17.9	05 42.46 +20 12.5 20.5	-0.96 - 0.3	1.1/17.8	47396
2006 HZ ₈₇	2009 12 17.9	05 42.47 +35 32.4 21.2	-0.99 + 0.5	3.5/18.1	49005
2002 TB ₇₄	2009 12 17.9	05 42.53 +35 53.6 19.8	-1.37 - 0.7	5.5/18.3	89342
2005 AV ₁₀	2009 12 17.9	05 42.53 +40 03.9 20.1	-1.12 - 2.2	5.4/18.6	23997
2003 UW ₂₄₉	2009 12 17.9	05 42.54 +31 47.0 19.1	-1.07 + 3.9	3.0/18.0	60790
2008 RA ₄₅	2009 12 17.9	05 42.54 +05 32.5 21.3	-0.85 - 0.4	5.6/17.5	58155
2003 SQ ₂₇₂	2009 12 17.9	05 42.60 +18 48.5 20.1	-0.92 - 1.9	1.5/18.0	47263
2007 BV ₇₉	2009 12 17.9	05 42.61 +34 40.5 20.3	-1.31 - 1.6	5.4/18.3	40707
2002 TB ₆₅	2009 12 17.9	05 42.63 +14 43.6 18.8	-0.86 - 3.8	2.7/17.4	66140
2005 UZ ₈₅	2009 12 17.9	05 42.65 +30 01.8 20.4	-1.23 + 2.8	3.0/17.9	20820
2003 WH ₃₉	2009 12 17.9	05 42.68 +25 33.6 19.4	-0.93 - 2.4	0.7/18.1	66164
2004 OJ ₅	2009 12 17.9	05 42.69 +15 57.1 20.6	-1.03 + 1.2	2.5/18.0	59726
2002 YM ₃₃	2009 12 17.9	05 42.70 +25 45.5 18.9	-1.19 - 3.8	1.1/18.1	16238
2003 ST ₁₀	2009 12 17.9	05 42.71 +24 02.8 20.3	-0.95 - 0.8	7.8/07.0	48896
2001 RQ ₁₂₇	2009 12 17.9	05 42.72 +22 44.7 20.4	-1.14 + 0.4	8.7/07.0	40670
2004 RZ ₁₆₉	2009 12 17.9	05 42.72 +09 15.3 21.6	-0.98 - 1.4	4.8/17.5	48938
2000 KW ₇₀	2009 12 17.9	05 42.75 +27 33.6 19.8	-1.17 + 2.1	1.6/18.0	43106
2005 UG ₃₂₈	2009 12 17.9	05 42.78 +25 38.8 20.4	-1.19 + 0.3	0.9/18.0	58517

2005 QC ₅₁	2009 12 17.9	05 42.80 +34 51.0 20.2	-1.36 + 0.2	4.6/18.3	89726
2003 BL ₅₈	2009 12 17.9	05 42.81 +18 22.0 19.5	-1.12 + 0.9	2.1/17.9	66148
2008 TH ₈₁	2009 12 17.9	05 42.82 +08 57.9 21.0	-0.85 - 1.1	4.3/17.5	49084
2008 OE ₂₀	2009 12 17.9	05 42.83 +20 25.8 20.5	-0.95 + 0.1	1.0/18.0	46592
2004 RR ₁₀₈	2009 12 17.9	05 42.83 +22 54.0 19.3	-1.05 - 2.0	9.4/07.0	66178
2005 UW ₂₃	2009 12 17.9	05 42.87 +20 08.5 20.3	-1.15 - 1.6	1.4/18.0	66219
2003 UR ₂₅₄	2009 12 17.9	05 42.88 +30 28.6 20.3	-0.99 + 0.9	2.3/18.1	11000
2001 TH ₂₄₀	2009 12 17.9	05 42.88 +34 33.2 18.8	-1.20 - 1.2	5.1/18.4	66111
2004 RM ₁₆	2009 12 17.9	05 42.92 +42 27.9 21.3	-1.29 - 0.5	6.0/18.7	70399
2006 DF ₃₅	2009 12 18.0	05 42.84 +08 40.6 21.2	-0.84 - 0.3	4.5/17.7	47391
2008 RU ₁₀₆	2009 12 18.0	05 42.87 +11 36.9 21.0	-0.84 - 0.9	3.4/17.7	50196
2006 AT ₃₅	2009 12 18.0	05 42.89 +20 45.5 19.1	-1.07 + 0.8	1.2/18.0	38084
2005 SS ₄₇	2009 12 18.0	05 42.90 +14 22.7 20.5	-1.10 - 1.7	3.6/17.7	11129
2000 UG ₆₈	2009 12 18.0	05 42.90 +18 05.9 19.3	-1.04 - 4.5	1.8/17.7	66098
2008 RS ₁₀₇	2009 12 18.0	05 42.92 +23 33.7 20.8	-0.90 - 1.9	0.1/18.0	66324
2006 GH ₃₄	2009 12 18.0	05 42.93 +03 52.4 22.0	-0.77 - 0.2	4.8/17.5	57048
2008 TZ ₁₀₅	2009 12 18.0	05 42.94 +11 26.6 21.2	-0.82 - 0.3	3.5/17.7	50430
2007 JH ₄	2009 12 18.0	05 42.96 +28 33.4 19.8	-1.23 + 7.0	1.8/17.8	66285
2006 BL ₁₄₀	2009 12 18.0	05 42.96 +19 01.5 20.9	-1.01 + 0.5	1.5/18.0	53470
2002 OL ₂₇	2009 12 18.0	05 42.97 +29 09.3 20.5	-0.97 - 2.4	1.8/18.3	55947
2004 TL ₂₆₄	2009 12 18.0	05 42.98 +30 16.5 19.8	-1.07 + 0.5	2.7/18.1	47321
2005 UW ₂₀₉	2009 12 18.0	05 43.01 +26 39.9 19.3	-1.09 - 0.8	1.6/18.1	19663
2003 WR ₁₇₃	2009 12 18.0	05 43.01 +30 36.8 20.4	-0.95 + 1.6	1.9/18.1	66165
2007 EN ₂₃	2009 12 18.0	05 43.04 +34 12.6 21.6	-1.09 + 0.5	3.2/18.2	46508
2008 QN ₁₈	2009 12 18.0	05 43.04 +22 30.8 19.7	-0.90 - 0.3	0.3/18.0	66322
2008 QW ₆	2009 12 18.0	05 43.05 +35 22.0 20.7	-1.05 - 2.7	3.7/18.7	47452
2006 BZ ₂₅₄	2009 12 18.0	05 43.06 +17 43.3 20.5	-0.96 0.0	2.0/17.9	53476
2006 GU ₃₃	2009 12 18.0	05 43.10 +38 06.3 20.5	-1.06 + 0.3	4.7/18.4	49002
2004 HQ ₄₅	2009 12 18.0	05 43.10 +30 04.5 20.3	-1.23 + 1.7	2.5/18.1	97707
2003 UC ₁₅₄	2009 12 18.0	05 43.12 +23 29.8 19.9	-0.93 - 0.3	0.0/18.1	66162
2003 WD ₆₄	2009 12 18.0	05 43.13 +29 09.3 19.7	-0.94 + 1.8	1.7/18.1	60355
2004 CD ₄₈	2009 12 18.0	05 43.13 +29 47.9 19.9	-1.29 - 0.6	2.8/18.2	66168
2007 JG ₂₇	2009 12 18.0	05 43.13 +17 06.3 21.0	-0.93 - 0.2	1.9/17.9	47434
2008 SJ ₃₇	2009 12 18.0	05 43.15 +25 15.4 19.7	-0.79 0.0	0.5/18.1	51073
2002 EO ₆₈	2009 12 18.0	05 43.17 +09 45.9 20.6	-0.94 - 0.7	4.7/17.7	58426
2002 PL ₁₂	2009 12 18.0	05 43.18 +31 38.2 18.8	-1.03 - 5.3	2.8/18.7	66134
2005 SC ₂₁	2009 12 18.0	05 43.19 +31 49.5 20.5	-1.29 + 1.0	3.3/18.2	40141
2006 JW ₆₆	2009 12 18.0	05 43.19 +35 25.2 20.7	-1.04 + 1.2	3.7/18.1	53503
2008 QP ₁₄	2009 12 18.0	05 43.20 +16 51.3 21.1	-0.95 - 0.3	2.2/17.9	47454
2006 GK ₃₁	2009 12 18.0	05 43.21 +18 44.1 20.3	-0.85 - 1.0	1.3/17.9	66259
2005 QH ₅₄	2009 12 18.0	05 43.22 +23 28.7 20.0	-1.20 - 1.0	0.0/18.1	89728
2007 BZ ₄₂	2009 12 18.0	05 43.23 +27 45.7 20.6	-1.25 - 1.9	2.1/18.2	47417
2005 QR ₁₈₉	2009 12 18.0	05 43.26 +23 06.1 19.4	-1.15 - 1.5	0.1/18.1	66207
2007 LY	2009 12 18.0	05 43.27 +09 25.4 21.0	-0.94 + 1.4	4.5/18.0	22592
2004 GC ₈₀	2009 12 18.0	05 43.28 +39 23.4 19.3	-1.39 + 2.5	7.0/18.0	16269
2005 QA ₇₈	2009 12 18.0	05 43.29 +19 23.3 19.7	-1.07 - 0.3	2.0/18.0	65433
2002 XH ₉₈	2009 12 18.0	05 43.30 +15 39.7 19.3	-1.09 - 4.4	3.7/17.6	66146
2007 EN ₂₁₈	2009 12 18.0	05 43.32 +30 17.7 22.0	-1.11 - 0.6	2.2/18.3	47425
2002 PK ₅₀	2009 12 18.0	05 43.34 +14 41.5 19.8	-1.18 + 0.5	3.6/18.0	64187
1997 SD ₇	2009 12 18.1	05 43.26 +37 00.8 21.2	-1.04 - 0.5	4.1/18.5	53314
2002 NM ₁₅	2009 12 18.1	05 43.30 +13 32.1 22.1	-0.86 + 2.7	2.4/18.2	21317

2007 HO ₈₂	2009 12 18.1	05 43.32 -00 30.6 20.4	-0.81 - 0.2	6.8/17.7	47432
2005 OH ₅	2009 12 18.1	05 43.32 +28 19.9 20.8	-1.28 - 2.2	1.9/18.3	87712
2006 AS ₃₄	2009 12 18.1	05 43.39 +23 17.6 19.9	-1.05 + 1.0	0.0/18.1	19684
2005 SF ₂₅₂	2009 12 18.1	05 43.41 +20 02.6 20.1	-1.12 - 0.7	1.6/18.1	21838
2006 BJ ₁₁₉	2009 12 18.1	05 43.42 -00 01.8 19.8	-0.92 + 2.9	10.3/18.3	98116
2005 SB ₆₈	2009 12 18.1	05 43.44 +16 55.3 18.8	-1.01 - 2.9	3.3/17.8	66210
1999 XU ₁₆	2009 12 18.1	05 43.45 +19 45.4 18.4	-1.23 - 4.4	1.6/17.9	66090
2001 SN ₂₆₉	2009 12 18.1	05 43.47 +24 19.0 20.7	-1.14 - 0.7	0.4/18.2	97474
2007 LL ₃₆	2009 12 18.1	05 43.47 +12 20.9 19.7	-0.87 + 2.0	3.4/18.2	47437
2005 QL ₄	2009 12 18.1	05 43.49 +22 34.2 20.7	-1.20 0.0	0.3/18.1	40137
2008 RL ₄₆	2009 12 18.1	05 43.50 +33 59.0 21.0	-1.17 + 0.3	3.6/18.3	46664
1998 SS ₁₂₄	2009 12 18.1	05 43.51 +11 43.6 19.6	-1.09 - 0.4	4.7/17.9	21750
1999 XJ ₁₃₀	2009 12 18.1	05 43.51 +29 41.1 17.4	-1.05 - 3.7	2.9/18.6	66090
2002 CM ₁₈₀	2009 12 18.1	05 43.51 +12 34.3 19.3	-1.03 + 5.0	4.8/18.6	94625
2000 DA ₂₉	2009 12 18.1	05 43.52 +39 39.1 20.1	-1.07 - 1.5	4.9/18.8	48817
2006 AD ₄₃	2009 12 18.1	05 43.52 +26 48.6 19.9	-1.05 - 2.5	1.2/18.3	46360
2003 SH ₄₃₂	2009 12 18.1	05 43.55 +37 08.3 21.1	-1.07 - 0.5	4.4/18.5	59419
2003 WK ₁₅₅	2009 12 18.1	05 43.55 +14 12.5 19.4	-0.85 + 1.3	2.9/18.1	47281
2004 HG ₁₆	2009 12 18.1	05 43.55 +18 42.5 19.8	-1.16 - 2.1	2.0/18.0	66172
2004 SN ₄₁	2009 12 18.1	05 43.55 +30 06.2 20.2	-1.10 + 0.7	2.3/18.3	66182
2005 QH ₁₇	2009 12 18.1	05 43.56 +32 15.0 19.1	-1.29 + 0.3	4.0/18.4	60830
2007 HT ₇₁	2009 12 18.1	05 43.58 +17 45.4 20.8	-1.02 - 0.9	2.0/18.0	66284
2000 QS ₁₁	2009 12 18.1	05 43.58 +18 44.9 19.6	-1.07 + 1.1	1.8/18.1	66094
2003 UL ₉₆	2009 12 18.1	05 43.62 +38 10.9 20.2	-1.16 + 4.4	5.1/17.9	58003
2005 BC ₃₈	2009 12 18.1	05 43.63 +15 37.6 21.0	-0.87 + 1.9	2.4/18.2	09110
2003 UH ₁₄₀	2009 12 18.1	05 43.68 +37 47.3 19.2	-1.13 + 3.6	5.1/17.9	66162
2003 KX ₁₃	2009 12 18.1	05 43.69 +37 37.1 20.4	-1.92 +14.9	7.0/16.5	65358
2005 CK ₆₃	2009 12 18.1	05 43.72 +16 21.3 20.1	-0.86 - 0.7	2.2/18.0	47341
2001 KC ₇₉	2009 12 18.1	05 43.74 +25 26.7 20.1	-1.18 + 2.2	0.9/18.2	17931
2005 UR ₂₉₉	2009 12 18.1	05 43.77 +20 08.3 19.5	-1.01 - 1.6	1.6/18.1	96257
2005 YU ₉₇	2009 12 18.1	05 43.79 +28 33.2 20.1	-1.13 - 1.1	2.1/18.4	96760
2005 SM ₁₄₈	2009 12 18.2	05 43.69 +26 48.9 19.8	-1.20 + 0.6	1.5/18.2	97829
2008 SH ₂₆₇	2009 12 18.2	05 43.70 +45 31.2 21.6	-1.12 0.0	5.6/18.8	50358
2006 DQ ₁₃₁	2009 12 18.2	05 43.72 +24 19.1 20.8	-0.94 + 1.0	0.3/18.2	66256
2007 BH ₇₀	2009 12 18.2	05 43.73 +40 27.3 21.5	-1.13 + 0.4	4.6/18.5	60516
1998 HG ₈	2009 12 18.2	05 43.74 +15 31.5 21.2	-1.18 + 0.5	3.0/18.2	41068
2004 SL ₁₈	2009 12 18.2	05 43.77 +19 09.2 19.7	-1.05 + 2.7	1.5/18.3	65401
2008 RU ₁₀₀	2009 12 18.2	05 43.77 +23 33.9 20.1	-0.99 - 1.4	0.1/18.2	46693
2002 PB ₅₂	2009 12 18.2	05 43.79 +04 14.6 21.4	-0.83 + 2.4	5.4/18.5	21119
2000 EK ₁₃₁	2009 12 18.2	05 43.80 -19 35.2 20.3	-1.19 - 0.7	19.9/16.0	39703
2005 QU	2009 12 18.2	05 43.81 +14 48.9 20.2	-1.16 + 0.6	3.7/18.2	40693
2003 UD ₁₈	2009 12 18.2	05 43.82 +23 52.8 20.6	-0.92 - 0.3	0.2/18.2	66161
2002 GJ ₆₉	2009 12 18.2	05 43.83 +31 30.6 19.8	-1.12 + 0.8	3.3/18.3	94738
2004 TL ₁₂	2009 12 18.2	05 43.85 +39 27.2 20.6	-1.22 - 2.0	5.3/19.0	46191
2005 ET ₁₈₀	2009 12 18.2	05 43.86 +10 59.4 20.2	-0.83 + 0.7	3.7/18.1	58494
2004 SN ₁₂	2009 12 18.2	05 43.87 +31 51.4 21.7	-1.14 + 0.1	2.7/18.4	41815
2004 PX ₁₀	2009 12 18.2	05 43.89 +20 59.5 20.3	-1.06 - 1.0	0.9/18.2	66174
2008 SH ₁₀	2009 12 18.2	05 43.91 +37 53.8 21.6	-1.04 - 0.5	3.9/18.7	49045
2004 VX ₃	2009 12 18.2	05 43.93 +28 14.2 18.5	-1.05 + 2.4	1.9/18.2	60819
2002 TT ₁₈₆	2009 12 18.2	05 43.94 +25 44.1 20.1	-1.25 - 2.2	0.9/18.3	66141
2008 SU ₂₇₃	2009 12 18.2	05 43.97 +22 09.1 20.8	-0.92 - 0.2	0.4/18.2	58164

2001 ST ₁₇₄	2009 12 18.2	05 43.98 +23 31.9 19.0	-1.15 + 0.8	0.1/18.3	17951
2000 ET ₉	2009 12 18.2	05 43.99 +58 33.6 19.7	-1.49 - 1.9	9.9/20.4	47143
2007 FC ₃₁	2009 12 18.2	05 43.99 +19 26.3 20.4	-1.13 - 0.9	1.6/18.1	43278
2008 FE ₁₂₂	2009 12 18.2	05 44.06 +52 36.3 19.7	-2.14 + 8.2	13.8/16.6	66316
2003 UJ ₁₉₇	2009 12 18.2	05 44.08 +22 29.8 19.9	-0.92 + 0.4	0.3/18.3	66162
2003 SX ₁₉₂	2009 12 18.2	05 44.08 +19 51.1 20.5	-0.93 - 2.0	1.1/18.1	47261
2006 KH ₇₅	2009 12 18.2	05 44.08 +02 28.3 20.8	-0.79 - 2.8	5.5/17.2	51039
2004 RB ₂₅₅	2009 12 18.2	05 44.14 +07 28.3 19.0	-0.97 + 4.9	6.5/18.9	41814
2003 WW ₈₂	2009 12 18.2	05 44.15 -05 18.8 19.0	-0.81 + 1.1	10.8/18.3	66165
2001 FT ₁₂₅	2009 12 18.2	05 44.16 +19 51.3 20.1	-0.95 - 0.3	1.3/18.2	47166
2005 SG ₁₄	2009 12 18.2	05 44.19 +27 31.4 19.0	-1.25 + 3.0	1.7/18.2	66208
2000 KB ₉	2009 12 18.2	05 44.20 +32 39.8 19.7	-1.02 + 2.4	3.0/18.2	47146
2006 DP ₁₁₂	2009 12 18.2	05 44.21 +13 05.1 20.1	-0.91 - 0.4	3.7/18.1	46422
2005 MM ₃₂	2009 12 18.3	05 44.13 +39 11.5 19.5	-1.41 - 3.0	7.0/19.2	19648
1995 CS ₄	2009 12 18.3	05 44.16 +11 19.9 20.8	-0.86 + 1.0	3.7/18.2	47126
2002 TW ₃₂₄	2009 12 18.3	05 44.20 -01 18.8 21.9	-0.77 - 0.6	6.3/17.7	47236
2008 QL ₈	2009 12 18.3	05 44.21 +27 55.0 20.4	-1.07 - 1.0	1.5/18.4	47453
2006 JJ ₄₇	2009 12 18.3	05 44.22 +11 50.3 19.6	-0.84 - 3.6	3.4/17.6	64296
2005 DE	2009 12 18.3	05 44.22 +57 43.5 22.0	-1.76 - 1.0	10.6/17.9	77816
2000 KS ₁₁	2009 12 18.3	05 44.26 +25 59.7 21.6	-1.14 + 0.3	0.9/18.4	15690
2005 YZ ₁₀₉	2009 12 18.3	05 44.28 +21 11.2 20.2	-1.03 - 1.1	0.8/18.3	47368
2005 TS ₈₂	2009 12 18.3	05 44.28 +24 31.5 19.1	-1.15 - 4.0	0.5/18.4	97858
2005 RE ₁₄	2009 12 18.3	05 44.29 +23 48.6 20.8	-1.22 - 0.7	0.2/18.3	16303
2007 LD ₁₆	2009 12 18.3	05 44.38 +09 57.8 21.6	-0.84 + 0.6	3.9/18.2	22593
2001 FC ₅₀	2009 12 18.3	05 44.42 +48 20.4 21.3	-1.36 + 1.1	8.1/18.1	13765
2004 XQ ₁₇₆	2009 12 18.3	05 44.44 +24 43.4 20.6	-0.97 - 0.7	0.5/18.4	60392
2008 RB ₂₅	2009 12 18.3	05 44.46 +05 30.4 22.1	-0.93 0.0	5.4/18.2	47462
2007 LD ₂₂	2009 12 18.3	05 44.46 +02 03.0 22.6	-0.77 - 1.4	5.0/17.7	55331
2008 SD ₁₅₂	2009 12 18.3	05 44.47 +37 36.2 20.8	-1.05 + 1.2	4.5/18.5	46840
2005 QU ₁₈₁	2009 12 18.3	05 44.48 +13 33.0 20.4	-1.12 - 1.8	4.1/18.1	11125
2007 EQ ₇₃	2009 12 18.3	05 44.48 +30 58.0 20.8	-1.18 - 0.2	2.8/18.5	55312
2005 QF ₁₄₈	2009 12 18.3	05 44.49 +33 35.4 19.4	-1.31 - 1.5	4.7/18.8	66206
2004 JK ₄₁	2009 12 18.3	05 44.50 +29 55.1 20.9	-1.21 + 0.9	2.3/18.4	62393
2008 RO ₁₀₀	2009 12 18.3	05 44.51 +12 36.9 21.7	-0.93 - 0.3	3.3/18.2	46693
2007 CG ₄₈	2009 12 18.3	05 44.52 +10 36.8 21.2	-1.11 + 0.2	5.4/18.2	18198
2006 KA ₃₇	2009 12 18.3	05 44.52 +22 22.9 20.4	-0.90 + 0.2	0.3/18.4	47413
2006 MC ₃	2009 12 18.3	05 44.56 +08 48.5 20.9	-0.77 + 0.2	4.0/18.2	53509
2004 XW ₈₀	2009 12 18.3	05 44.57 +23 16.0 17.5	-1.09 + 6.0	0.0/18.4	66192
2001 DV ₂₄	2009 12 18.3	05 44.63 +36 20.8 19.3	-1.13 + 0.1	5.2/18.6	47164
2002 VV ₁₀₂	2009 12 18.3	05 44.66 +20 48.0 18.8	-1.19 - 3.1	1.1/18.3	16231
2008 HV ₆₈	2009 12 18.3	05 44.66 +17 25.6 21.9	-1.03 - 0.6	1.9/18.3	60575
2005 BS ₂	2009 12 18.3	05 44.68 +04 34.0 19.1	-1.50 +17.2	9.6/20.9	40133
2006 BE ₅₁	2009 12 18.4	05 44.59 +26 34.3 19.7	-1.05 - 0.2	1.4/18.5	97019
2005 AP ₈₀	2009 12 18.4	05 44.61 +20 06.1 19.9	-0.91 + 1.4	1.1/18.4	66195
2007 HB ₆₆	2009 12 18.4	05 44.62 +03 54.3 19.9	-0.81 + 0.2	5.5/18.2	47432
2005 SX ₁₆₈	2009 12 18.4	05 44.63 +36 30.2 19.7	-1.32 - 1.4	5.5/18.8	22796
2003 KJ ₂	2009 12 18.4	05 44.64 +15 28.7 21.2	-0.96 + 1.5	2.4/18.4	18054
2007 FG ₂₄	2009 12 18.4	05 44.67 +15 20.0 20.6	-1.05 - 0.3	3.1/18.3	43278
2007 ER ₅₂	2009 12 18.4	05 44.69 +15 05.5 20.3	-1.07 - 1.5	3.9/18.2	64312
2006 AS ₃₃	2009 12 18.4	05 44.78 +23 05.3 19.7	-1.06 + 1.6	0.1/18.4	66247
2008 TU ₁₄₉	2009 12 18.4	05 44.79 +38 49.1 21.5	-1.03 + 0.8	4.3/18.7	49093

2002 CL ₂₈₇	2009 12 18.4	05 44.82 +25 04.4 19.1	-1.07 + 1.8	0.7/18.4	66128
2002 AJ ₁₆₁	2009 12 18.4	05 44.82 +07 54.2 18.1	-0.93 + 6.1	7.8/19.4	62338
2007 EH ₇	2009 12 18.4	05 44.83 +22 22.6 21.0	-1.09 - 0.4	0.4/18.4	46507
2005 OE ₁₈	2009 12 18.4	05 44.84 +11 47.1 19.8	-1.10 + 0.3	5.1/18.4	19648
2000 OA ₄₁	2009 12 18.4	05 44.85 +12 11.0 18.7	-1.02 - 2.4	4.2/18.0	64154
2005 UL ₂₅₃	2009 12 18.4	05 44.85 +19 26.3 20.4	-1.13 - 1.5	1.5/18.3	66224
2008 TY ₄	2009 12 18.4	05 44.85 +18 13.0 21.0	-0.86 - 0.8	1.4/18.3	46912
2008 RO ₉₂	2009 12 18.4	05 44.87 -04 37.9 21.8	-0.82 - 0.3	8.0/18.0	46687
2001 XV ₁₇₈	2009 12 18.4	05 44.88 +22 09.0 18.4	-1.07 - 2.6	0.5/18.4	66119
2006 HE ₇₉	2009 12 18.4	05 44.89 +15 13.4 20.2	-0.86 - 2.0	2.7/18.1	47408
2007 KS ₃	2009 12 18.4	05 44.90 +31 50.3 20.8	-1.13 + 2.6	2.7/18.4	42886
2007 FL ₃₈	2009 12 18.4	05 44.93 +38 15.4 20.7	-1.20 + 1.4	4.5/18.5	49018
2005 TU ₆	2009 12 18.4	05 44.97 +25 46.4 19.6	-1.19 - 2.8	0.9/18.6	66215
2007 GT ₈	2009 12 18.4	05 44.97 +20 17.8 22.1	-1.00 - 0.7	1.0/18.4	55319
2007 MF ₅	2009 12 18.4	05 44.97 +10 47.0 21.8	-0.91 0.0	3.7/18.2	58567
2005 XS ₇₂	2009 12 18.4	05 44.99 +27 59.5 19.8	-1.13 + 1.2	1.7/18.5	66239
2003 SE ₂₁₈	2009 12 18.4	05 45.01 +27 38.7 21.1	-0.97 + 0.2	1.3/18.6	43181
2006 GM ₂₅	2009 12 18.4	05 45.03 +36 03.9 20.3	-1.04 + 1.5	4.1/18.5	47404
2008 PO ₁₀	2009 12 18.4	05 45.04 +11 35.7 21.2	-0.99 - 0.9	4.0/18.2	56131
1996 RT ₆	2009 12 18.4	05 45.04 +31 48.2 20.1	-1.15 - 0.5	3.0/18.7	57336
2005 QL ₇	2009 12 18.4	05 45.04 +29 50.9 20.2	-1.27 - 0.6	2.5/18.6	97789
2005 TN ₃₆	2009 12 18.4	05 45.06 +10 26.4 19.8	-1.11 - 1.5	5.8/18.0	21841
2002 OM ₇	2009 12 18.4	05 45.06 +00 42.0 21.6	-0.78 0.0	5.9/18.2	47219
2007 JL ₂₃	2009 12 18.4	05 45.06 +14 01.6 19.8	-1.00 + 0.1	3.1/18.3	21880
1999 NV ₅₆	2009 12 18.4	05 45.09 +22 13.7 18.4	-1.04 - 4.1	0.4/18.4	66087
2007 BB ₄₀	2009 12 18.4	05 45.12 +21 15.5 21.3	-1.20 + 0.2	0.9/18.5	62501
2005 SB ₁₆₇	2009 12 18.5	05 45.01 +31 30.7 19.6	-1.30 + 2.9	3.3/18.4	97832
2004 RY ₁₀₈	2009 12 18.5	05 45.05 +41 14.4 19.0	-1.31 - 2.2	7.4/19.1	66178
2003 WC ₁₁₂	2009 12 18.5	05 45.07 +34 07.3 20.1	-0.99 + 1.1	3.2/18.6	50967
2005 NL ₂	2009 12 18.5	05 45.07 +23 45.5 19.5	-1.23 - 3.4	0.1/18.5	66200
2005 YH ₅₅	2009 12 18.5	05 45.09 +23 25.4 19.5	-1.04 + 5.6	0.0/18.5	96725
2005 UE ₁₆₄	2009 12 18.5	05 45.10 +28 37.1 21.0	-1.21 - 0.2	1.9/18.6	66222
2005 PC ₂₉	2009 12 18.5	05 45.11 +19 40.0 20.0	-1.19 + 0.7	1.6/18.5	66202
2006 DV ₉	2009 12 18.5	05 45.12 +44 30.0 20.2	-1.12 + 0.4	5.6/19.0	46408
2004 TZ ₁₇₂	2009 12 18.5	05 45.17 +18 37.2 19.4	-1.00 - 3.8	1.6/18.3	66186
2001 SN ₁₈₂	2009 12 18.5	05 45.18 +27 06.5 21.4	-1.19 - 0.1	1.3/18.6	10798
2004 TD ₂₉₇	2009 12 18.5	05 45.18 +36 58.7 19.1	-1.16 + 2.1	5.5/18.4	66187
2005 YP ₁₈₂	2009 12 18.5	05 45.19 +18 59.1 18.5	-1.04 - 3.9	1.9/18.3	66244
2007 DV ₃	2009 12 18.5	05 45.25 +09 28.7 20.4	-1.08 - 0.2	6.1/18.3	21876
2001 QG ₅₆	2009 12 18.5	05 45.26 +21 04.2 20.4	-1.13 + 0.4	0.8/18.5	66103
2008 TK ₁₄₀	2009 12 18.5	05 45.26 +45 15.4 19.9	-1.17 - 0.3	6.7/19.0	50447
2007 ER ₉₉	2009 12 18.5	05 45.27 +28 38.6 20.9	-1.23 0.0	2.3/18.6	58565
2007 HN ₂₉	2009 12 18.5	05 45.29 +37 36.5 20.4	-1.13 + 0.9	4.3/18.7	49020
2004 SO ₅₉	2009 12 18.5	05 45.31 +36 49.3 19.2	-1.22 + 3.2	4.9/18.4	60813
2003 UF ₂₅₃	2009 12 18.5	05 45.32 +43 18.3 19.4	-1.19 + 3.9	5.9/18.1	60790
2005 UY ₂₆₉	2009 12 18.5	05 45.32 +23 45.3 20.4	-1.18 + 0.5	0.1/18.6	40151
2007 BJ ₅₁	2009 12 18.5	05 45.33 +28 39.3 19.5	-1.22 + 0.3	2.7/18.6	66267
2004 TD ₁₁₂	2009 12 18.5	05 45.34 +11 26.4 19.2	-1.01 - 6.7	4.2/17.6	47317
1997 KY ₁	2009 12 18.5	05 45.35 +14 24.6 21.7	-1.09 + 2.3	3.1/18.6	14583
2002 AQ ₃₁	2009 12 18.5	05 45.37 +49 21.7 18.9	-1.84 - 6.9	12.0/21.1	12793
2004 TH ₉₆	2009 12 18.5	05 45.37 +15 57.4 20.5	-0.97 - 0.7	2.7/18.4	47317

2003 UJ ₂₀₅	2009 12 18.5	05 45.39 +38 29.2	19.7	-1.06	- 0.2	4.6/18.9	48910
2008 UG ₅₆	2009 12 18.5	05 45.39 +20 40.6	20.8	-0.86	- 0.6	0.8/18.5	48642
2002 AX ₆₇	2009 12 18.5	05 45.40 +22 17.5	19.9	-1.04	+ 1.9	0.5/18.6	08205
2002 QT ₅₁	2009 12 18.5	05 45.43 +21 53.5	20.2	-0.88	+ 0.1	0.5/18.6	48873
2008 TV ₄₈	2009 12 18.5	05 45.45 +21 30.6	20.8	-0.92	- 0.5	0.6/18.5	66332
2008 SJ ₁₅₀	2009 12 18.5	05 45.46 +24 10.2	21.4	-0.91	- 0.2	0.2/18.6	49060
2002 CQ ₂₇₂	2009 12 18.5	05 45.47 +41 30.8	19.9	-1.23	+ 0.7	5.7/18.7	47205
2005 WP ₁₁₉	2009 12 18.5	05 45.47 +20 15.3	19.6	-1.05	+ 0.2	1.5/18.5	41834
2000 HY ₄₃	2009 12 18.5	05 45.48 +26 20.0	19.5	-1.01	+ 4.0	1.0/18.5	22669
2005 PF ₁₀	2009 12 18.5	05 45.50 +35 44.1	21.7	-1.36	- 1.0	4.9/19.0	04338
2008 RM ₂₆	2009 12 18.5	05 45.50 +04 22.8	20.1	-0.89	+ 0.1	6.5/18.2	59547
2001 QH ₂₃₉	2009 12 18.5	05 45.53 +12 39.3	20.4	-1.08	+ 1.5	4.2/18.6	32875
2005 UL ₄₄₈	2009 12 18.5	05 45.54 +27 17.0	19.4	-1.14	- 2.8	1.8/18.8	66227
2001 TO ₁₃₉	2009 12 18.5	05 45.55 +31 00.9	19.9	-1.23	+ 1.5	2.9/18.6	43131
1998 XD ₁₃	2009 12 18.5	05 45.55 +30 11.5	19.9	-1.01	+ 2.5	2.2/18.5	66087
2005 QO ₁₆₁	2009 12 18.5	05 45.55 +28 23.9	19.3	-1.26	+ 1.8	2.2/18.6	66206
2008 RW ₁₁₅	2009 12 18.6	05 45.50 +26 52.2	20.6	-1.02	- 0.9	1.2/18.7	46704
2007 HT ₁₂	2009 12 18.6	05 45.50 +19 11.4	20.7	-1.14	+ 0.2	1.7/18.5	55323
2003 SW ₁₆₄	2009 12 18.6	05 45.52 +07 14.4	19.5	-0.85	- 0.5	5.5/18.3	50955
2006 DT ₈₆	2009 12 18.6	05 45.53 +36 10.9	21.4	-1.05	- 0.1	4.0/18.9	46418
2003 SD ₃₃₉	2009 12 18.6	05 45.54 +38 10.4	20.6	-1.11	+ 2.5	5.1/18.5	21572
2006 BN ₇₄	2009 12 18.6	05 45.55 +21 06.6	20.2	-1.01	+ 2.0	0.8/18.6	37497
2002 JV ₇₉	2009 12 18.6	05 45.57 +14 07.2	20.2	-0.95	- 2.0	3.0/18.3	45949
2005 VZ ₂₇	2009 12 18.6	05 45.61 +28 01.7	19.9	-1.18	- 0.2	1.9/18.7	66229
2002 VM ₉₃	2009 12 18.6	05 45.64 +23 42.4	18.8	-1.17	- 3.7	0.1/18.6	66144
2008 OS	2009 12 18.6	05 45.65 +08 19.7	20.8	-0.97	+ 2.9	4.8/19.0	47447
2002 PA ₁₀₇	2009 12 18.6	05 45.67 +20 15.4	19.3	-0.90	- 2.8	1.0/18.5	66135
2000 SO ₃₁	2009 12 18.6	05 45.68 +01 38.9	19.8	-0.96	- 0.6	8.5/18.4	19527
2007 EZ ₂₃	2009 12 18.6	05 45.70 +19 32.1	20.2	-1.11	+ 0.7	1.5/18.6	47421
2006 DE ₄₉	2009 12 18.6	05 45.71 +38 14.5	19.5	-1.16	+ 0.2	5.7/18.8	58525
2005 SE ₂₈	2009 12 18.6	05 45.71 +20 16.5	20.5	-1.16	- 1.7	1.2/18.5	60834
2005 MM ₂₆	2009 12 18.6	05 45.71 +15 46.3	21.2	-1.17	- 0.1	2.9/18.5	40134
2008 SA ₂₁	2009 12 18.6	05 45.77 +16 30.6	20.8	-0.88	- 0.6	2.2/18.5	46723
2004 RD ₃₂₀	2009 12 18.6	05 45.77 +19 11.0	19.3	-1.00	- 3.8	1.8/18.4	65400
2003 EH ₁₅	2009 12 18.6	05 45.79 +30 04.9	19.1	-1.20	- 2.3	2.7/18.9	47243
2002 QJ ₉₅	2009 12 18.6	05 45.82 +11 15.4	20.5	-0.85	+ 2.1	3.8/18.8	00335
2001 UK ₁₉₉	2009 12 18.6	05 45.82 +16 02.7	19.9	-1.14	- 5.6	3.1/18.2	66113
2007 FH ₃₇	2009 12 18.6	05 45.88 +24 42.6	20.5	-1.18	+ 1.0	0.5/18.7	21678
2007 AB ₈	2009 12 18.6	05 45.89 +22 25.7	19.9	-1.23	+ 2.6	0.4/18.7	66266
2005 YA ₁₃	2009 12 18.6	05 45.89 +21 50.6	20.2	-1.04	+ 1.1	0.7/18.7	66239
2006 BG ₅₀	2009 12 18.6	05 45.94 +33 59.3	18.7	-1.08	- 4.2	5.6/19.5	66249
2005 SM ₄₇	2009 12 18.6	05 45.98 +23 39.0	19.4	-1.09	- 1.6	0.1/18.7	19190
2007 GP ₅₁	2009 12 18.6	05 46.00 +16 39.8	20.6	-1.00	+ 3.1	2.1/18.8	20615
2000 SR ₃₅₇	2009 12 18.7	05 45.91 +07 32.7	19.2	-1.05	+ 6.6	7.0/19.8	93872
2007 JP ₃₇	2009 12 18.7	05 45.92 +18 54.0	20.1	-1.13	+ 6.5	1.7/18.9	21368
2004 XJ ₁₇₇	2009 12 18.7	05 45.96 +18 17.9	19.4	-0.94	+ 4.2	1.6/18.9	66193
1998 RQ ₄₃	2009 12 18.7	05 45.96 +27 18.0	20.4	-1.27	- 1.3	1.6/18.8	39134
2004 RJ ₂₂₈	2009 12 18.7	05 46.00 +18 20.3	19.9	-0.98	- 1.6	2.0/18.6	20800
2007 EZ ₁₉₉	2009 12 18.7	05 46.02 +41 45.1	19.8	-1.32	- 1.9	6.6/19.5	59119
2003 WS ₃₁	2009 12 18.7	05 46.02 +17 03.9	19.5	-0.89	- 2.7	2.0/18.4	66164
2008 OD ₁₀	2009 12 18.7	05 46.03 +42 17.0	20.1	-1.14	- 2.7	5.5/19.8	52507

2003 UY ₁₅	2009 12 18.7	05 46.06 +01 43.0	19.2	-0.83	- 2.8	6.9/17.7	59712
2000 SH ₂₉	2009 12 18.7	05 46.06 +20 40.7	19.7	-1.06	- 0.9	0.9/18.7	66095
2007 DA ₈₁	2009 12 18.7	05 46.11 +26 12.3	21.0	-1.12	- 0.1	1.0/18.8	47420
1998 SM ₂₉	2009 12 18.7	05 46.12 +29 28.2	20.4	-1.24	+ 0.7	2.3/18.8	66085
2004 UK ₆	2009 12 18.7	05 46.15 +30 58.6	19.8	-1.11	+ 2.4	2.7/18.7	66188
2002 JD ₇₆	2009 12 18.7	05 46.16 +06 33.9	19.0	-0.94	- 3.0	6.4/17.9	47215
1998 UH ₂₃	2009 12 18.7	05 46.19 +25 48.2	20.0	-1.21	- 2.5	1.0/18.8	60722
2005 UD ₂₅₉	2009 12 18.7	05 46.19 +19 20.6	21.5	-1.12	- 0.4	1.5/18.7	20422
2002 TZ ₉₀	2009 12 18.7	05 46.20 +22 02.7	19.8	-1.23	- 1.6	0.6/18.7	39174
2008 PZ ₁₅	2009 12 18.7	05 46.20 +18 14.2	21.0	-0.99	+ 0.2	1.7/18.7	47451
2001 TX ₂₁₇	2009 12 18.7	05 46.23 +29 52.7	18.5	-1.15	- 1.5	3.1/19.0	66111
2007 EX ₉₀	2009 12 18.7	05 46.23 +09 47.0	20.8	-1.05	- 0.3	6.0/18.5	33537
2005 SG ₈₆	2009 12 18.7	05 46.24 +14 11.5	20.4	-1.11	- 0.3	3.7/18.6	21831
2007 CV ₁₇	2009 12 18.7	05 46.24 +32 48.3	19.8	-1.28	- 0.7	4.5/19.0	20847
2006 BW ₃₃	2009 12 18.7	05 46.24 +35 06.7	20.4	-1.08	- 1.2	3.8/19.1	48987
2008 RZ ₇₆	2009 12 18.7	05 46.25 +38 35.0	19.7	-1.04	+ 0.5	5.0/19.0	48626
2007 GE ₄₁	2009 12 18.7	05 46.26 +27 12.0	20.5	-1.10	+ 0.6	1.4/18.8	66281
2004 TY ₁₀₆	2009 12 18.7	05 46.28 +33 39.4	19.7	-1.13	+ 0.4	3.9/18.9	47317
2001 YG ₅₉	2009 12 18.7	05 46.28 +25 40.9	18.7	-1.12	- 2.0	0.9/18.9	17983
2003 SW ₆₆	2009 12 18.7	05 46.29 +55 59.4	19.5	-1.55	+ 2.7	10.5/19.1	46038
2003 UG ₉₃	2009 12 18.7	05 46.32 +01 13.3	18.7	-0.86	- 3.0	8.1/17.9	66161
2006 KQ ₁₂	2009 12 18.7	05 46.34 +17 57.1	19.9	-0.92	+ 2.6	1.7/18.8	66261
2008 QP ₁₀	2009 12 18.7	05 46.34 +35 59.1	20.6	-1.11	- 0.9	4.0/19.1	59134
2006 DP ₁₁₅	2009 12 18.7	05 46.35 +01 12.5	20.9	-0.80	- 0.1	6.0/18.3	47395
2005 EO ₃₈	2009 12 18.7	05 46.37 -25 32.6	18.9	-1.02	+ 3.5	26.0/22.7	66196
2005 SO ₁₅₆	2009 12 18.7	05 46.37 +10 01.2	19.8	-1.04	- 1.4	6.1/18.4	22796
2002 RV ₂₇₈	2009 12 18.7	05 46.37 +14 42.2	20.7	-0.85	- 1.8	2.5/18.5	47231
1998 WV ₂₆	2009 12 18.7	05 46.38 +19 45.3	20.2	-0.91	- 1.1	1.1/18.7	66086
2000 BZ ₃₃	2009 12 18.7	05 46.39 +28 14.8	19.2	-0.98	- 0.4	1.7/18.9	66091
2006 BR ₃₉	2009 12 18.7	05 46.40 +49 39.3	19.5	-1.47	- 6.1	9.9/21.2	47377
2002 PE ₁₂₂	2009 12 18.7	05 46.42 +03 20.1	20.5	-0.79	- 0.2	5.3/18.5	47221
2007 LR ₂₁	2009 12 18.7	05 46.42 +20 36.8	19.6	-1.11	+ 6.6	1.1/18.9	66287
2002 CO ₁₇₈	2009 12 18.7	05 46.43 +30 16.2	18.8	-1.13	- 0.8	3.0/19.0	66127
2008 TQ ₄	2009 12 18.8	05 46.37 +26 56.1	21.2	-0.91	- 0.4	1.0/18.9	49073
2003 SR ₁₅₁	2009 12 18.8	05 46.40 +09 19.6	18.7	-0.89	+ 2.0	5.0/18.9	47259
2000 SO ₁₅₇	2009 12 18.8	05 46.41 +33 27.7	19.3	-1.25	- 4.5	3.7/19.5	97399
2003 GR ₄₇	2009 12 18.8	05 46.42 -00 45.7	19.9	-0.94	- 0.1	9.7/18.4	20779
1998 YD ₂₀	2009 12 18.8	05 46.43 +23 47.4	19.5	-0.92	+ 0.5	0.1/18.8	66087
2006 DY ₁₅₀	2009 12 18.8	05 46.49 +30 29.5	20.1	-1.02	- 1.1	2.5/19.0	46427
2004 TD ₉₁	2009 12 18.8	05 46.50 +39 03.2	21.2	-1.19	+ 0.5	4.9/19.0	47317
2008 RV ₁₁₂	2009 12 18.8	05 46.51 +13 46.7	20.9	-0.85	- 1.6	2.9/18.5	50201
2004 PZ ₁₀₀	2009 12 18.8	05 46.52 -03 33.2	19.6	-0.93	+ 1.1	9.8/19.2	74320
2008 RK ₂₉	2009 12 18.8	05 46.56 +21 23.5	22.1	-0.97	- 0.4	0.6/18.8	50167
2007 DO ₅₃	2009 12 18.8	05 46.59 +13 04.9	20.5	-1.03	- 0.6	3.8/18.6	47420
2007 DS ₉₇	2009 12 18.8	05 46.59 +17 28.2	20.1	-1.13	- 0.5	2.6/18.7	66272
2001 SC ₂₇	2009 12 18.8	05 46.61 +18 42.6	19.0	-1.02	- 0.2	2.3/18.8	66106
2008 SO ₂₂₁	2009 12 18.8	05 46.62 +25 06.0	20.8	-0.95	- 0.5	0.5/18.9	50335
2006 BS ₁₂₉	2009 12 18.8	05 46.62 +07 03.4	21.0	-0.92	+ 1.6	5.2/18.8	97075
2000 WV ₂₁	2009 12 18.8	05 46.63 +27 47.4	19.2	-1.18	+ 4.3	1.7/18.7	66098
2002 PO ₁₆₁	2009 12 18.8	05 46.63 +08 23.8	20.8	-0.83	+ 1.6	4.2/18.9	47222
2007 BY ₆₉	2009 12 18.8	05 46.64 +18 28.6	20.6	-1.16	+ 0.7	2.1/18.8	66267

2004 OO ₉	2009 12 18.8	05 46.65 +28 35.0 20.5	-1.14	- 0.4	1.8/19.0	18076
2006 DD ₅₂	2009 12 18.8	05 46.66 +12 42.6 19.3	-1.01	- 6.6	4.8/17.9	55216
2002 PE ₁₆₉	2009 12 18.8	05 46.67 +34 37.1 19.8	-1.01	- 1.5	3.7/19.2	66135
2002 RY ₄	2009 12 18.8	05 46.67 +12 33.4 20.1	-0.83	- 2.3	3.2/18.4	47227
2005 SA ₂₀₂	2009 12 18.8	05 46.70 +26 37.5 20.1	-1.20	+ 1.2	1.5/18.9	97836
2002 RU ₁₇₃	2009 12 18.8	05 46.72 +05 01.7 19.9	-0.80	- 0.6	5.6/18.5	48877
2003 UK ₅₂	2009 12 18.8	05 46.74 +07 15.5 19.3	-0.90	- 4.8	5.3/17.9	47269
2005 UF ₉₆	2009 12 18.8	05 46.78 +22 05.9 20.0	-1.15	+ 0.8	0.5/18.9	01039
2004 TL ₃₂₇	2009 12 18.8	05 46.79 +13 34.0 20.4	-0.98	- 3.1	3.3/18.5	41820
2002 TC ₂₄₉	2009 12 18.8	05 46.79 +25 21.5 18.9	-1.21	0.0	0.9/18.9	66141
2005 AW ₇	2009 12 18.8	05 46.80 +38 42.9 19.3	-1.10	- 3.7	5.9/19.8	47336
2006 AG ₃₁	2009 12 18.8	05 46.82 +21 22.1 19.9	-1.11	+ 4.4	0.8/19.0	66247
2005 SA ₁₁₆	2009 12 18.8	05 46.85 +27 45.0 20.0	-1.14	- 0.4	2.1/19.0	18126
2008 OL ₁	2009 12 18.8	05 46.87 +32 36.5 20.6	-1.09	- 1.6	3.0/19.2	49034
2004 RK ₃₄	2009 12 18.8	05 46.88 +20 41.7 20.3	-1.04	+ 0.6	1.0/18.9	66176
2005 AR ₄₁	2009 12 18.9	05 46.81 +24 29.6 18.8	-0.95	- 3.4	0.4/19.0	47337
2008 RO ₃₉	2009 12 18.9	05 46.88 +39 23.3 21.2	-1.20	- 0.3	5.0/19.2	46659
2001 YD ₇₇	2009 12 18.9	05 46.88 +34 24.1 18.6	-1.24	- 5.9	4.1/19.7	43142
2001 SN ₁	2009 12 18.9	05 46.90 +22 16.9 19.9	-1.14	- 0.8	0.5/18.9	66105
2007 NA ₆	2009 12 18.9	05 46.93 +43 31.8 21.3	-1.08	+ 0.6	5.1/19.1	46566
2005 TA ₁₉₁	2009 12 18.9	05 46.98 +35 37.6 20.8	-1.31	+ 1.0	5.1/19.1	11139
2007 GO ₂₅	2009 12 18.9	05 47.00 +23 25.5 20.6	-1.02	- 1.3	0.0/18.9	46530
2008 KT ₃₉	2009 12 18.9	05 47.01 +22 52.2 20.8	-1.19	+ 1.0	0.2/18.9	66320
2003 AW ₁₈	2009 12 18.9	05 47.05 +12 43.3 19.0	-1.05	+ 1.3	5.0/18.9	59692
2003 UG ₄₁₆	2009 12 18.9	05 47.06 +07 41.2 20.0	-0.85	- 0.6	5.3/18.7	55114
2007 EQ ₂₁₄	2009 12 18.9	05 47.08 +20 42.4 20.9	-1.14	+ 0.8	1.2/18.9	66278
2006 EW ₂₉	2009 12 18.9	05 47.12 +38 14.3 20.0	-1.09	- 0.8	4.7/19.4	47399
2004 TF ₁₂	2009 12 18.9	05 47.14 +25 17.3 19.5	-1.05	+ 1.8	0.7/19.0	66183
2003 QR ₁₀₅	2009 12 18.9	05 47.15 -09 34.1 20.1	-0.90	+ 4.4	9.5/21.2	47254
1998 QE ₉₆	2009 12 18.9	05 47.16 +17 10.9 19.0	-1.14	- 2.2	2.6/18.8	16121
2004 RF ₁₆₈	2009 12 18.9	05 47.18 +14 09.6 20.8	-1.01	- 1.2	3.2/18.8	70028
2005 SA ₂₁₁	2009 12 18.9	05 47.20 +11 09.2 19.7	-1.07	+ 1.4	5.4/19.1	21837
2005 EU ₁₂₄	2009 12 18.9	05 47.21 +54 16.1 19.0	-1.40	+ 2.5	10.7/18.2	60823
2006 BQ ₂₈	2009 12 18.9	05 47.21 +13 43.4 20.1	-0.96	+ 1.7	3.4/19.1	43253
2007 GN ₇₃	2009 12 18.9	05 47.26 +09 59.7 20.8	-0.95	+ 0.4	4.5/18.8	46537
2003 KP ₃₆	2009 12 18.9	05 47.28 +23 57.7 19.3	-1.11	+ 4.2	0.2/19.0	66152
2004 JP ₄₅	2009 12 18.9	05 47.31 +28 20.9 20.1	-1.21	+ 2.0	1.9/19.0	41806
2005 QM ₁₇₈	2009 12 18.9	05 47.32 +15 32.2 20.8	-1.16	- 0.5	3.2/18.9	12903
2005 UZ ₄₇₈	2009 12 19.0	05 47.23 +17 28.1 20.7	-1.09	- 1.2	2.1/18.8	47358
2000 QO ₂₄₉	2009 12 19.0	05 47.27 +30 08.7 18.6	-1.11	- 5.9	3.2/19.6	66094
2004 TJ ₁₃₈	2009 12 19.0	05 47.28 +30 52.8 20.1	-1.09	- 3.2	3.0/19.4	95530
2005 PE ₁₃	2009 12 19.0	05 47.28 +30 44.7 20.6	-1.30	0.0	2.9/19.1	66202
2008 SU ₅₂	2009 12 19.0	05 47.29 +35 39.2 20.9	-1.07	+ 0.3	3.7/19.2	58614
2001 SQ ₃₀₉	2009 12 19.0	05 47.30 +19 58.3 21.7	-1.12	- 0.4	1.3/19.0	97475
2008 TD ₁₀₈	2009 12 19.0	05 47.37 +18 58.9 20.7	-0.88	+ 0.8	1.4/19.0	46967
2007 JK ₁₇	2009 12 19.0	05 47.38 +19 01.7 21.3	-0.95	- 0.7	1.4/18.9	66286
1995 UB ₃₁	2009 12 19.0	05 47.42 +12 52.4 21.2	-0.95	- 1.4	3.9/18.8	43092
2001 SZ ₂₅₁	2009 12 19.0	05 47.42 +10 26.5 19.7	-1.03	- 0.8	5.2/18.8	41770
2008 QF ₁₁	2009 12 19.0	05 47.42 -08 56.5 21.3	-0.79	+ 0.6	8.3/19.3	47454
2002 SF ₂₅	2009 12 19.0	05 47.43 +31 15.8 20.0	-1.35	+ 1.1	3.5/19.1	66139
2008 UW ₁₁	2009 12 19.0	05 47.50 +26 36.4 20.1	-0.94	- 0.6	1.0/19.1	49096

2004 FS ₁₄₀	2009 12 19.0	05 47.50 +20 50.6 20.8	-1.20	- 0.4	1.1/19.0	66171
2005 SB ₁₂₂	2009 12 19.0	05 47.54 +30 44.1 20.2	-1.26	- 1.7	3.0/19.3	43233
2003 EJ ₁₄	2009 12 19.0	05 47.55 +20 09.8 20.2	-1.13	+ 1.4	1.3/19.1	20776
2001 XQ ₃₈	2009 12 19.0	05 47.60 +34 20.6 18.0	-1.59	-17.4	5.9/20.9	66117
2002 UC ₂₈	2009 12 19.0	05 47.61 +21 17.5 20.1	-1.24	+ 0.3	0.9/19.0	66142
2007 EH ₁₅₉	2009 12 19.0	05 47.62 +19 48.8 20.8	-1.08	+ 0.2	1.2/19.0	47424
2002 QL ₁₃₀	2009 12 19.0	05 47.64 +39 37.6 21.2	-1.05	- 0.4	4.7/19.4	60318
2006 JU ₄₃	2009 12 19.0	05 47.67 -03 51.3 21.1	-0.78	+ 2.1	6.5/19.3	01766
2003 SM ₁₀₁	2009 12 19.0	05 47.71 +24 35.3 19.3	-0.97	- 3.2	0.4/19.1	47258
2001 SQ ₂₂₁	2009 12 19.0	05 47.75 +26 28.4 20.8	-1.19	+ 0.2	1.2/19.1	97472
2004 PY ₁₀₅	2009 12 19.0	05 47.76 +31 54.1 20.9	-1.12	- 0.2	2.7/19.3	66175
1994 SS ₂	2009 12 19.0	05 47.76 +21 15.5 20.1	-0.97	- 1.0	0.8/19.0	66081
2001 YU ₄	2009 12 19.0	05 47.79 +50 12.2 19.2	-1.83	- 9.8	14.3/22.3	10844
2000 LU ₂₅	2009 12 19.1	05 47.68 -02 55.3 19.6	-1.20	- 7.5	9.4/17.5	64740
2008 OR ₂₀	2009 12 19.1	05 47.75 +14 13.2 20.6	-0.97	+ 0.7	3.3/19.1	47448
2008 TA ₁₃₅	2009 12 19.1	05 47.76 +26 43.5 21.7	-0.87	- 0.4	0.8/19.2	55518
2004 YU ₂₃	2009 12 19.1	05 47.78 +13 22.3 19.6	-0.84	+ 2.0	2.9/19.2	60821
2002 NS ₃₅	2009 12 19.1	05 47.80 +13 54.5 20.4	-1.18	- 0.2	3.8/19.0	58431
2003 UL ₁₇₂	2009 12 19.1	05 47.82 +31 31.4 19.7	-1.04	+ 2.7	2.7/19.0	66162
2007 HG ₇	2009 12 19.1	05 47.83 +27 55.1 19.5	-1.08	+ 3.2	1.4/19.0	47430
2002 RL ₁₁₁	2009 12 19.1	05 47.84 +22 22.5 19.0	-1.23	- 2.4	0.5/19.1	20288
2005 EF ₃	2009 12 19.1	05 47.86 +09 28.5 20.7	-0.85	+ 1.9	4.5/19.2	21818
2000 BO ₂₁	2009 12 19.1	05 47.87 +33 23.9 19.3	-1.28	- 3.5	4.5/19.6	59653
2008 QF ₃₄	2009 12 19.1	05 47.90 +01 15.7 20.9	-0.81	0.0	6.1/19.0	46630
2000 BY ₁	2009 12 19.1	05 47.90 +10 10.1 19.3	-0.87	+ 1.9	4.4/19.3	47141
2004 TH ₁₃₃	2009 12 19.1	05 47.91 +44 04.8 20.5	-1.29	- 0.1	6.8/19.7	41817
2002 RN ₁₄₃	2009 12 19.1	05 47.91 +25 15.8 20.0	-0.88	- 1.0	0.5/19.2	47228
2006 BT ₂₆₅	2009 12 19.1	05 47.93 +20 07.6 20.3	-0.92	0.0	1.0/19.1	48991
2006 GC ₁₉	2009 12 19.1	05 47.99 +08 10.4 20.4	-0.83	- 0.7	4.8/18.8	46457
2008 QK ₃₆	2009 12 19.1	05 48.02 +33 25.7 20.8	-1.00	- 1.1	3.4/19.5	50154
2005 UN ₁₁₉	2009 12 19.1	05 48.03 +27 58.4 19.6	-1.15	+ 0.1	2.1/19.2	19661
2001 SZ ₂₂₇	2009 12 19.1	05 48.04 +27 26.6 20.2	-1.14	+ 0.1	1.8/19.2	66107
2006 BL ₁₄₂	2009 12 19.1	05 48.04 +30 16.1 19.8	-1.08	- 1.1	2.8/19.3	60859
2006 DC ₁₄₅	2009 12 19.1	05 48.05 +26 26.2 20.4	-1.00	+ 0.1	1.0/19.2	47396
2005 SD ₇₆	2009 12 19.1	05 48.09 +19 33.1 21.7	-1.15	- 0.1	1.7/19.1	21829
2002 AG ₈₈	2009 12 19.1	05 48.10 +14 41.1 18.8	-1.04	+ 1.4	3.7/19.1	47196
2007 EG ₂₃	2009 12 19.1	05 48.11 +14 01.7 20.2	-1.07	+ 1.0	4.3/19.1	33536
2004 RB ₁₃	2009 12 19.1	05 48.12 +34 56.2 20.5	-1.17	+ 0.1	4.0/19.4	41810
2003 TW ₁₂	2009 12 19.1	05 48.13 +14 27.9 19.8	-0.90	- 1.9	2.9/18.9	48904
2007 GW ₃₅	2009 12 19.1	05 48.16 +25 43.4 21.2	-1.04	+ 0.8	0.7/19.2	57474
2007 EM ₉₂	2009 12 19.1	05 48.17 +34 34.2 19.3	-1.22	- 0.8	3.9/19.5	66275
2002 CZ ₁₂₆	2009 12 19.2	05 48.12 +03 05.5 19.6	-0.98	+ 3.2	7.5/19.6	20760
2003 LH ₂	2009 12 19.2	05 48.13 +18 50.0 20.5	-1.01	+ 3.1	1.4/19.3	66152
2001 TY ₁₁₇	2009 12 19.2	05 48.13 +05 39.3 20.4	-1.08	- 5.5	6.1/18.1	41771
2000 SF ₁₃	2009 12 19.2	05 48.15 +15 19.5 20.3	-1.07	+ 0.7	3.0/19.2	40666
2005 YD ₂₇₂	2009 12 19.2	05 48.16 +27 12.9 21.3	-1.06	- 0.4	1.4/19.3	66246
2005 WY ₁₅₂	2009 12 19.2	05 48.19 +24 39.5 19.8	-1.11	- 1.1	0.5/19.2	96550
2004 TX ₈₂	2009 12 19.2	05 48.20 +07 30.2 21.8	-0.95	- 1.4	5.5/18.8	19160
2001 QW ₁₁₇	2009 12 19.2	05 48.25 +34 31.5 18.1	-1.20	- 4.5	5.4/20.0	66103
2001 XO ₁₇₇	2009 12 19.2	05 48.26 +20 56.8 19.1	-1.08	- 1.8	1.0/19.1	66119
2003 HF ₄₃	2009 12 19.2	05 48.28 +32 03.5 20.9	-1.15	+ 1.2	2.9/19.2	59699

2005 SX ₁₂₅	2009 12 19.2	05 48.31 +25 20.7 20.0	-1.22 + 1.1	0.8/19.2	40142
2008 SU ₁₃	2009 12 19.2	05 48.32 +13 32.2 20.4	-0.96 + 0.4	3.6/19.2	50219
2008 RN ₁₁₇	2009 12 19.2	05 48.33 +09 09.3 20.7	-0.88 - 0.7	4.6/19.0	50205
2001 OY ₇₈	2009 12 19.2	05 48.36 +57 05.2 20.8	-1.83 - 2.6	11.1/21.0	47168
2001 FF ₁₄₁	2009 12 19.2	05 48.36 +21 20.1 19.6	-0.95 - 0.4	0.7/19.2	66101
2004 RF ₃₃₈	2009 12 19.2	05 48.37 +27 54.1 20.1	-1.07 + 0.2	1.6/19.3	47312
2007 BQ ₇	2009 12 19.2	05 48.37 -03 01.1 19.6	-1.28 +12.5	11.0/23.0	38972
2006 DM ₁₁₀	2009 12 19.2	05 48.38 +10 42.5 20.3	-0.93 - 0.7	4.9/18.9	02296
2001 KR ₄₁	2009 12 19.2	05 48.38 +14 20.8 20.0	-1.13 - 1.3	3.6/19.0	40092
2006 FE ₇	2009 12 19.2	05 48.38 +24 21.4 20.5	-0.91 + 0.1	0.3/19.3	47401
2003 FR ₁₂₁	2009 12 19.2	05 48.39 +21 44.5 19.7	-1.12 - 1.5	0.7/19.2	47246
2000 SF ₂₉₇	2009 12 19.2	05 48.39 +11 44.3 19.9	-0.98 - 1.8	3.8/18.9	47152
2001 OK ₂₁	2009 12 19.2	05 48.39 +31 49.6 20.2	-1.29 - 2.4	3.1/19.6	66102
2007 HX ₄₅	2009 12 19.2	05 48.40 -00 05.7 20.6	-0.82 - 3.1	6.3/18.3	49020
2006 BN ₂₀₇	2009 12 19.2	05 48.40 +34 18.3 19.7	-1.17 - 5.1	4.6/20.0	98133
2008 RR ₁₃₁	2009 12 19.2	05 48.40 +24 35.4 21.3	-0.93 + 0.1	0.4/19.3	65600
2008 RN ₁₁₂	2009 12 19.2	05 48.44 +13 03.1 20.1	-0.85 - 1.4	3.2/19.0	46701
2006 BS ₁₆₃	2009 12 19.2	05 48.45 +12 28.2 20.4	-0.95 + 1.7	3.7/19.3	48990
2005 UX ₂₃₄	2009 12 19.2	05 48.50 +18 50.0 20.6	-1.10 + 0.9	1.9/19.3	66224
2006 BW ₁₈₆	2009 12 19.2	05 48.53 +06 13.5 19.3	-0.97 + 3.1	6.6/19.5	60860
2005 YH ₁₉₈	2009 12 19.2	05 48.54 +22 17.0 21.1	-1.01 + 0.4	0.4/19.3	47371
2001 YM ₉₁	2009 12 19.2	05 48.55 +17 22.1 19.2	-1.05 + 3.6	2.2/19.4	21310
2002 GD ₁₀₁	2009 12 19.2	05 48.57 +27 31.5 18.9	-1.08 - 0.5	1.7/19.4	66131
2008 GR ₉₈	2009 12 19.2	05 48.61 +12 51.0 20.2	-1.06 0.0	3.7/19.2	40212
2006 DQ ₁₉	2009 12 19.2	05 48.62 +42 59.6 20.1	-1.23 - 1.5	6.9/19.9	53479
2006 AK ₇₁	2009 12 19.2	05 48.63 +30 00.4 19.8	-1.07 - 2.4	2.2/19.5	47375
2005 QH ₅₆	2009 12 19.2	05 48.64 +21 14.5 21.1	-1.21 + 0.6	0.8/19.3	47351
2004 XE ₁₈	2009 12 19.2	05 48.66 +26 20.6 18.5	-1.05 + 4.3	1.0/19.2	66191
2007 EN ₇₇	2009 12 19.2	05 48.67 +41 52.9 21.7	-1.33 + 0.9	6.3/19.3	55312
1995 GU ₅	2009 12 19.3	05 48.56 +11 24.7 21.3	-0.82 - 0.1	3.4/19.1	49792
2008 UH ₁₀₆	2009 12 19.3	05 48.59 +04 19.5 20.5	-0.81 - 1.7	5.6/18.7	49112
1999 JL ₁₁₁	2009 12 19.3	05 48.61 +22 05.6 20.9	-1.03 + 1.4	0.4/19.3	66087
2006 BQ ₂₂₇	2009 12 19.3	05 48.66 +26 15.2 20.5	-1.00 - 0.2	1.0/19.4	57041
2002 QV ₁₂₂	2009 12 19.3	05 48.69 +09 08.9 20.5	-0.82 - 1.3	4.2/19.0	47226
2005 YC ₁₉₂	2009 12 19.3	05 48.72 +30 27.6 20.3	-1.07 - 1.2	2.4/19.5	58523
2002 PH ₁₂₉	2009 12 19.3	05 48.72 +21 32.7 19.6	-1.27 + 3.8	0.9/19.4	58433
2004 RD ₂₁₀	2009 12 19.3	05 48.73 +39 00.4 18.7	-1.18 - 9.0	7.4/21.3	74350
2002 QM ₈₂	2009 12 19.3	05 48.73 +05 07.2 21.3	-0.81 + 0.4	5.1/19.2	47225
2004 YM ₁₈	2009 12 19.3	05 48.73 +10 19.3 20.0	-0.89 + 3.4	3.7/19.6	11076
2002 RY ₃	2009 12 19.3	05 48.75 +04 25.0 20.8	-0.81 - 1.4	5.6/18.8	52350
2002 RA ₂₂₀	2009 12 19.3	05 48.75 +10 19.1 21.3	-0.80 + 0.8	3.4/19.3	47230
2003 UP ₂₉	2009 12 19.3	05 48.75 +33 12.9 19.6	-1.01 + 1.6	3.4/19.3	00602
2005 TT ₇₃	2009 12 19.3	05 48.77 +18 16.8 20.4	-1.16 + 1.2	2.0/19.3	18133
2008 SW ₁₁₄	2009 12 19.3	05 48.81 +38 38.7 20.3	-1.03 + 1.4	4.2/19.4	50273
2003 UW ₂₃₂	2009 12 19.3	05 48.85 +18 08.4 19.8	-0.90 - 1.1	1.8/19.2	66163
2008 SJ ₂₂₈	2009 12 19.3	05 48.88 +11 45.6 19.8	-0.86 - 2.1	3.8/18.9	52510
2003 BN ₅₈	2009 12 19.3	05 48.90 +24 54.0 19.1	-1.14 - 0.6	0.7/19.4	66148
2002 PP ₁₆₇	2009 12 19.3	05 48.91 +22 37.0 20.0	-0.91 - 2.7	0.2/19.3	47222
2002 QT ₇₈	2009 12 19.3	05 48.91 +18 03.2 20.6	-0.87 - 1.1	1.6/19.2	66136
2005 YF ₁₅₁	2009 12 19.3	05 48.94 +30 51.0 20.4	-1.14 - 2.3	3.0/19.6	02266
2005 UJ ₁₀₈	2009 12 19.3	05 48.96 +23 52.8 20.5	-1.17 + 1.0	0.2/19.4	16323

2008 SL ₂₃₄	2009 12 19.3	05 48.98 +37 06.1 20.4	-1.04 + 0.9	4.0/19.5	50338
2006 AH ₁₀₁	2009 12 19.3	05 48.99 +30 08.5 20.0	-1.06 - 1.4	2.4/19.6	66248
2000 DA ₈₈	2009 12 19.3	05 49.00 +31 53.7 20.0	-1.25 - 1.8	3.3/19.6	66091
2005 SZ ₁₀₁	2009 12 19.3	05 49.09 +30 27.9 19.1	-1.17 - 1.9	3.3/19.6	66211
2001 UL ₃₈	2009 12 19.4	05 49.04 +27 05.3 20.4	-1.17 + 0.2	1.3/19.4	16176
2000 QN ₄	2009 12 19.4	05 49.05 +33 03.1 19.7	-1.22 - 1.2	3.6/19.7	66094
2005 CN ₆₉	2009 12 19.4	05 49.05 +26 38.5 20.3	-0.94 - 1.5	1.1/19.5	47342
2007 EC ₁₇₅	2009 12 19.4	05 49.06 +22 36.8 19.5	-1.16 - 1.3	0.4/19.4	66277
2005 SZ ₆₅	2009 12 19.4	05 49.07 +28 00.9 19.1	-1.23 + 3.2	2.1/19.3	66210
2008 RD ₉₇	2009 12 19.4	05 49.11 +27 49.1 21.2	-0.91 - 0.3	1.2/19.5	47471
2005 YM ₁₅	2009 12 19.4	05 49.11 +31 38.2 18.2	-1.05 -10.4	4.3/20.5	98034
2006 SQ ₁₉₆	2009 12 19.4	05 49.14 -10 45.7 21.2	-1.22 - 6.1	15.5/16.6	40162
2007 HC ₁₈	2009 12 19.4	05 49.14 +34 19.1 20.6	-1.11 + 1.8	3.4/19.4	43281
1995 ST ₆₀	2009 12 19.4	05 49.14 +20 01.6 20.7	-1.00 + 0.3	1.2/19.4	66082
2005 UY ₁₇₀	2009 12 19.4	05 49.14 +29 02.2 19.6	-1.17 + 0.6	2.4/19.5	66223
2008 RO ₂₁	2009 12 19.4	05 49.15 +45 48.4 20.9	-1.29 - 0.6	7.1/19.8	50163
2006 BO ₁₁₆	2009 12 19.4	05 49.17 +16 10.4 20.0	-0.96 + 0.6	2.7/19.4	47380
2007 EU ₁₄₄	2009 12 19.4	05 49.17 +29 15.0 20.8	-1.12 + 0.3	2.0/19.5	66276
2005 QM ₅₂	2009 12 19.4	05 49.17 +28 16.8 19.4	-1.27 - 1.2	2.2/19.6	66203
2003 UJ ₃₅₃	2009 12 19.4	05 49.19 +09 46.7 20.5	-0.86 0.0	4.1/19.3	48912
2002 CL ₄₈	2009 12 19.4	05 49.21 +26 28.0 19.5	-1.10 + 1.0	1.3/19.4	66126
2003 UN ₁₇₈	2009 12 19.4	05 49.23 +16 30.6 20.8	-0.90 - 1.6	2.2/19.3	66162
2008 UX ₂₄	2009 12 19.4	05 49.25 +01 19.1 20.6	-0.92 - 0.8	7.6/18.9	50481
2006 HR ₅₆	2009 12 19.4	05 49.25 +30 26.9 20.6	-0.95 + 1.8	1.9/19.4	66260
2005 YV ₁₀₄	2009 12 19.4	05 49.26 +25 43.3 19.8	-1.08 - 2.0	0.9/19.5	66242
2002 PL ₂₁	2009 12 19.4	05 49.29 +49 41.5 19.1	-1.37 - 7.0	8.9/22.1	66134
2005 AV ₆₉	2009 12 19.4	05 49.30 +33 17.5 20.6	-0.98 - 1.6	3.0/19.8	48964
2001 QC ₁₇₅	2009 12 19.4	05 49.33 +14 57.7 19.8	-1.06 + 1.0	3.9/19.5	64161
2001 UX ₂₇	2009 12 19.4	05 49.34 +13 00.7 19.9	-1.06 - 0.8	4.2/19.3	19551
2005 TW ₂₄	2009 12 19.4	05 49.34 +31 19.2 19.7	-1.18 + 2.0	3.8/19.4	66216
2004 TG ₂₅₀	2009 12 19.4	05 49.35 +08 51.5 21.3	-0.93 - 2.1	4.6/19.0	47321
2004 TO ₁₃₀	2009 12 19.4	05 49.36 +17 07.1 20.6	-1.01 + 0.8	2.2/19.5	59743
2005 PL ₂₃	2009 12 19.4	05 49.37 +17 31.8 19.6	-1.23 + 4.1	2.4/19.7	38048
2348 T-3	2009 12 19.4	05 49.37 +33 02.7 20.1	-1.30 - 1.2	4.1/19.8	90385
2001 YF ₂₀	2009 12 19.4	05 49.39 +33 46.1 18.6	-1.28 + 4.6	4.5/19.0	66121
2005 ST ₁₉₂	2009 12 19.4	05 49.39 +17 40.9 21.1	-1.12 - 0.5	2.0/19.4	40143
2005 QV ₂₆	2009 12 19.4	05 49.44 +16 43.8 19.6	-1.12 + 1.5	2.9/19.5	64247
2004 RG ₅₀	2009 12 19.4	05 49.47 +03 54.9 21.5	-0.96 + 0.9	6.2/19.6	18085
2008 SR ₈₆	2009 12 19.4	05 49.48 +25 20.1 20.5	-0.90 - 1.4	0.5/19.5	46783
2004 TO ₁₆₇	2009 12 19.4	05 49.50 +28 25.3 20.7	-1.11 - 0.3	1.7/19.6	56955
2007 EA ₄₇	2009 12 19.4	05 49.53 +31 53.9 18.7	-1.17 - 0.1	3.6/19.6	66274
2003 TR	2009 12 19.5	05 49.45 +29 58.4 19.5	-0.99 - 1.8	2.2/19.7	66159
2004 PH ₅₂	2009 12 19.5	05 49.45 +18 03.7 20.3	-1.05 + 1.9	1.9/19.6	66175
1998 YB ₁₇	2009 12 19.5	05 49.56 +19 43.8 20.5	-0.89 + 0.5	1.2/19.5	66087
2006 KY ₄₉	2009 12 19.5	05 49.57 +21 47.7 20.5	-0.91 + 0.2	0.5/19.5	66261
2002 GG ₁₈₀	2009 12 19.5	05 49.57 +22 56.3 20.1	-1.00 + 0.4	0.2/19.5	47214
2006 BR ₁₈₅	2009 12 19.5	05 49.60 +24 32.6 20.4	-1.02 - 1.4	0.4/19.6	11156
2005 QM ₈₉	2009 12 19.5	05 49.61 +21 40.9 20.3	-1.17 0.0	0.8/19.5	66205
2005 SN ₁₄₇	2009 12 19.5	05 49.63 +35 02.9 20.5	-1.29 + 1.3	5.0/19.6	97829
2007 DZ ₃₅	2009 12 19.5	05 49.64 +20 01.8 22.0	-1.11 0.0	1.2/19.5	43273
2005 SJ ₁₅₂	2009 12 19.5	05 49.64 +19 16.1 20.0	-1.13 + 1.1	1.8/19.5	65447

2002 RC ₁₆₉	2009 12 19.5	05 49.66 −05 53.5 20.5	−0.77 − 0.1	8.0/19.2	47229
2004 RF ₂₁₇	2009 12 19.5	05 49.66 +36 42.2 18.1	−1.18 − 6.7	5.8/20.8	73144
2005 OF ₁₉	2009 12 19.5	05 49.68 +22 03.0 19.4	−1.20 + 1.6	0.6/19.5	66201
2004 RZ ₂₇	2009 12 19.5	05 49.69 +34 11.9 21.7	−1.17 − 1.2	3.6/19.8	60373
2000 FS ₁₄	2009 12 19.5	05 49.69 −18 42.4 20.0	−1.03 + 0.7	17.5/17.9	47144
2005 SF ₂₈₆	2009 12 19.5	05 49.70 +25 06.9 19.6	−1.22 + 7.7	0.8/19.4	66215
1997 SL ₃₁	2009 12 19.5	05 49.71 +22 16.1 19.9	−0.92 − 0.2	0.4/19.5	47129
2002 TO ₂₂₉	2009 12 19.5	05 49.72 +29 23.1 19.8	−1.28 + 0.7	2.7/19.6	66141
2007 JZ ₄₀	2009 12 19.5	05 49.72 +18 54.5 21.2	−1.02 + 0.7	1.5/19.5	47435
2002 QK ₁₂	2009 12 19.5	05 49.75 +09 40.8 20.8	−0.83 + 0.1	4.3/19.4	48873
2000 QK ₂₄₃	2009 12 19.5	05 49.75 +29 30.8 19.1	−1.03 − 1.7	3.0/19.7	66094
2005 UU ₂₆₇	2009 12 19.5	05 49.76 +16 28.3 20.3	−1.10 − 1.2	2.7/19.4	66225
2006 BN ₁₁₁	2009 12 19.5	05 49.76 +36 47.9 20.8	−1.12 − 1.3	4.3/19.9	55210
1998 WB ₅	2009 12 19.5	05 49.76 −16 05.3 19.0	−0.99 − 7.4	18.7/15.9	66086
2008 QX ₁₃	2009 12 19.5	05 49.82 +21 22.2 19.7	−0.94 − 2.8	0.7/19.5	58609
2001 RM ₁	2009 12 19.5	05 49.83 +21 11.1 21.2	−1.13 − 0.1	0.8/19.5	97456
2008 PS ₁₁	2009 12 19.5	05 49.87 +41 29.3 19.9	−1.15 − 3.7	6.0/20.8	47450
2002 NK ₂₇	2009 12 19.5	05 49.90 +55 19.8 20.3	−1.35 − 2.2	7.9/21.2	47218
2005 SO ₁₂₉	2009 12 19.5	05 49.96 +17 02.2 18.7	−1.03 − 1.3	3.1/19.4	66211
2005 AC ₆₄	2009 12 19.5	05 49.97 +12 48.0 20.0	−0.84 + 2.0	3.0/19.7	47338
2007 EC ₁₄₇	2009 12 19.5	05 49.98 +31 50.3 20.4	−1.25 + 1.4	3.9/19.5	20856
2004 XD ₁₈₆	2009 12 19.5	05 49.98 +36 11.8 19.9	−1.05 − 2.3	4.1/20.1	48961
2003 SA ₂₆₅	2009 12 19.6	05 49.90 +21 26.2 19.9	−0.94 + 1.5	0.7/19.6	65369
2006 FD ₅₄	2009 12 19.6	05 49.92 +37 37.3 20.6	−1.07 + 0.1	4.5/19.8	47403
2001 RD ₆₉	2009 12 19.6	05 49.96 +31 22.2 19.1	−1.20 − 2.1	3.4/19.9	97458
2006 BR ₁₂₇	2009 12 19.6	05 49.99 +29 16.6 20.5	−1.05 − 1.6	2.1/19.8	66251
2000 TP	2009 12 19.6	05 50.01 +37 07.8 20.5	−1.28 + 2.4	4.8/19.6	64860
2003 SR ₂₅	2009 12 19.6	05 50.03 +41 43.2 21.0	−1.13 − 0.4	5.3/20.1	58453
2006 BK ₂₄₂	2009 12 19.6	05 50.19 +36 40.3 19.6	−1.14 − 1.2	4.6/20.1	43257
2001 SE ₁₇₁	2009 12 19.6	05 50.19 +27 19.3 20.6	−1.18 − 1.9	1.4/19.8	43128
2003 SF ₂₇₃	2009 12 19.6	05 50.19 +35 59.1 19.7	−1.06 − 2.0	4.4/20.1	47263
2004 XB ₃₅	2009 12 19.6	05 50.21 +22 01.8 18.8	−0.98 + 4.4	0.5/19.7	66191
2006 FL ₅₄	2009 12 19.6	05 50.21 +38 12.5 20.4	−1.08 + 1.6	4.6/19.6	49001
2002 OH ₂₁	2009 12 19.6	05 50.22 +31 59.5 20.2	−1.44 − 0.1	3.6/19.8	66134
2007 DA ₂₃	2009 12 19.6	05 50.22 +22 16.2 21.7	−1.10 − 0.3	0.4/19.6	47419
2001 RT ₅₃	2009 12 19.6	05 50.25 +23 52.4 20.6	−1.16 + 0.5	0.2/19.7	13785
2005 UG ₉₇	2009 12 19.6	05 50.25 +13 08.1 19.4	−1.04 − 1.5	4.5/19.4	64263
2007 FL ₄₀	2009 12 19.6	05 50.26 +34 38.2 22.0	−1.26 + 0.6	4.0/19.7	41869
2002 PN ₁₅₇	2009 12 19.6	05 50.26 +24 43.5 20.4	−0.92 0.0	0.4/19.7	47222
2004 TX ₁₉₉	2009 12 19.6	05 50.29 +06 32.9 20.0	−0.93 − 1.9	6.4/19.1	47320
2006 DD ₁₅₁	2009 12 19.6	05 50.30 +26 31.2 21.3	−0.91 − 0.5	0.9/19.7	57044
2005 YL ₁₉₁	2009 12 19.6	05 50.31 +18 47.0 19.9	−1.01 + 2.3	1.7/19.7	19269
2001 TM ₁₈₄	2009 12 19.6	05 50.31 +17 57.6 20.0	−1.09 − 2.4	2.1/19.5	66110
2008 QL	2009 12 19.6	05 50.32 +36 48.0 21.7	−1.15 − 0.6	4.2/20.0	49035
2007 EV ₁₄₀	2009 12 19.6	05 50.35 +19 35.4 21.5	−1.14 − 1.1	1.5/19.6	19430
2005 SS ₈	2009 12 19.6	05 50.37 +20 54.6 20.3	−1.15 + 0.8	1.1/19.7	65440
2006 DD ₁₄₁	2009 12 19.6	05 50.40 +23 51.5 21.1	−0.90 + 0.4	0.1/19.7	48996
2006 DS ₁₄₆	2009 12 19.6	05 50.41 +38 20.1 20.7	−1.12 − 0.8	5.0/20.0	47396
2008 US ₁₇₃	2009 12 19.6	05 50.42 +41 29.8 19.7	−1.08 − 0.4	5.3/19.9	50565
2000 JM ₄₂	2009 12 19.7	05 50.34 +27 55.1 19.8	−1.17 + 1.4	1.7/19.7	41756
2007 EH ₂₇	2009 12 19.7	05 50.35 +20 08.6 20.2	−1.14 − 0.4	1.4/19.6	43275

2008 SG ₁₂₅	2009 12 19.7	05 50.36 +05 51.1 20.9	−0.78 − 1.4	4.4/19.3	50282
2004 OK ₇	2009 12 19.7	05 50.37 +28 41.2 20.8	−1.17 − 1.0	1.9/19.8	43203
2005 SY ₁₄₃	2009 12 19.7	05 50.39 +10 16.6 19.6	−1.05 + 0.4	5.9/19.6	58511
2004 TF ₂₉₃	2009 12 19.7	05 50.40 +29 21.2 21.0	−1.06 0.0	2.1/19.8	41819
2001 RG ₅₈	2009 12 19.7	05 50.40 +21 28.2 20.9	−1.13 + 0.9	0.7/19.7	10786
2002 CE ₆₅	2009 12 19.7	05 50.41 +14 43.0 19.5	−1.04 + 4.7	3.3/20.0	20760
2002 AW ₁₄₂	2009 12 19.7	05 50.41 +23 51.7 20.0	−1.07 − 1.0	0.2/19.7	47197
2006 HX ₃₁	2009 12 19.7	05 50.41 +21 13.0 20.9	−0.92 − 0.5	0.7/19.7	66260
2007 EF ₂₁₉	2009 12 19.7	05 50.42 +27 53.4 20.8	−1.10 + 0.6	1.6/19.7	66278
2003 UN ₂₄₀	2009 12 19.7	05 50.42 +30 22.7 20.3	−0.97 − 0.6	2.1/19.9	66163
2005 EW ₂₉₅	2009 12 19.7	05 50.49 −02 27.0 19.7	−0.87 − 2.9	9.6/18.0	48973
2005 QM ₃₇	2009 12 19.7	05 50.50 +13 09.7 19.7	−1.11 + 1.1	4.5/19.8	21821
2003 SC ₂₈₆	2009 12 19.7	05 50.50 +26 10.6 20.5	−0.96 − 1.9	0.9/19.8	48902
2001 UL ₆	2009 12 19.7	05 50.56 −23 28.0 19.2	−1.01 − 9.2	26.1/10.3	75180
2005 UM ₂₁₀	2009 12 19.7	05 50.57 +24 57.4 20.5	−1.16 − 0.8	0.6/19.8	41830
2003 UA ₂₇₀	2009 12 19.7	05 50.59 +24 54.6 19.7	−0.94 − 1.8	0.5/19.8	66163
2001 QK ₁₇₁	2009 12 19.7	05 50.59 −08 41.2 21.4	−1.03 + 1.8	10.8/20.1	43123
2002 CJ ₁₄₅	2009 12 19.7	05 50.61 −02 09.3 20.4	−0.92 + 0.9	8.2/19.5	30669
2004 KA ₈	2009 12 19.7	05 50.61 +27 50.9 22.5	−1.16 − 1.3	1.5/19.9	60804
2002 OC ₃₁	2009 12 19.7	05 50.62 +00 33.8 19.8	−0.81 + 0.8	6.9/19.8	48870
2005 SE ₁₈₀	2009 12 19.7	05 50.64 +36 19.5 21.4	−1.34 − 0.2	5.3/20.0	56029
2000 QW ₂₁₃	2009 12 19.7	05 50.64 +29 29.9 20.6	−1.16 0.0	2.3/19.8	66141
2005 TU ₈₂	2009 12 19.7	05 50.67 +31 56.3 19.2	−1.21 − 3.1	4.1/20.2	66216
2005 UH ₃₂₁	2009 12 19.7	05 50.68 +18 30.2 19.7	−1.03 + 0.3	2.4/19.7	66226
2008 SP ₈₉	2009 12 19.7	05 50.70 +39 32.7 19.5	−1.11 − 0.5	5.4/20.0	46785
2008 QN ₃₇	2009 12 19.7	05 50.70 +25 32.0 19.7	−0.99 − 0.2	0.7/19.8	66322
2005 QW ₁₈₁	2009 12 19.7	05 50.71 +21 55.4 19.2	−1.11 − 1.3	0.7/19.7	66207
2006 BS ₆₉	2009 12 19.7	05 50.71 +30 00.9 20.7	−1.06 + 0.3	2.2/19.8	46372
2006 BH ₂₅₅	2009 12 19.7	05 50.71 +20 19.7 19.7	−0.99 − 0.1	1.1/19.7	66253
2005 SM ₂₆₃	2009 12 19.7	05 50.72 +13 45.8 19.6	−1.08 − 2.2	4.4/19.5	18130
2005 UD ₁₄₄	2009 12 19.7	05 50.76 +10 54.0 19.9	−1.05 − 0.5	5.6/19.6	40696
2006 HY ₈₃	2009 12 19.7	05 50.77 +07 55.2 20.8	−0.81 − 1.7	4.6/19.3	46472
2001 SH ₂₁₈	2009 12 19.7	05 50.79 +26 49.8 21.7	−1.17 + 0.2	1.2/19.8	41769
2002 PL ₁₃₅	2009 12 19.7	05 50.80 +03 24.6 20.0	−0.81 + 1.8	5.7/20.1	47222
2007 GE ₄₅	2009 12 19.7	05 50.84 +10 47.2 19.1	−0.99 − 1.8	5.5/19.4	22887
2003 UA ₂₇₂	2009 12 19.7	05 50.85 +38 43.2 19.5	−1.10 + 2.8	4.6/19.5	46088
2002 EO ₁₁₃	2009 12 19.7	05 50.88 +43 12.8 20.8	−1.27 + 0.5	6.7/19.9	45940
2005 VZ ₅₀	2009 12 19.8	05 50.79 +25 37.3 18.6	−1.15 + 4.6	1.0/19.7	66230
2001 HW ₁₃	2009 12 19.8	05 50.84 +01 26.7 20.7	−0.82 − 1.0	6.1/19.3	10766
2008 QF ₅	2009 12 19.8	05 50.88 +16 37.9 21.2	−0.87 − 0.1	1.9/19.8	50140
2001 YG ₈₉	2009 12 19.8	05 50.93 +21 28.1 18.8	−1.06 + 2.4	0.8/19.9	66122
2004 SJ ₅	2009 12 19.8	05 50.95 +25 37.5 19.0	−1.04 − 1.5	1.0/19.9	95458
2005 YT ₄₁	2009 12 19.8	05 50.97 +21 38.6 19.4	−1.04 + 2.2	0.8/19.9	66240
2007 GO	2009 12 19.8	05 50.98 +21 45.1 20.8	−1.13 − 0.4	0.7/19.8	42881
2007 HR ₄₃	2009 12 19.8	05 51.00 +22 54.1 20.7	−1.02 + 1.5	0.2/19.8	26281
2008 TT ₉₂	2009 12 19.8	05 51.02 +36 28.1 21.9	−1.03 + 0.3	3.5/20.0	46960
2005 YT ₄₇	2009 12 19.8	05 51.03 +22 14.7 18.3	−1.08 + 6.4	0.5/19.9	66241
2005 BA ₂₈	2009 12 19.8	05 51.07 +00 23.4 19.2	−1.44 +15.6	11.5/22.9	56966
2007 EG ₈	2009 12 19.8	05 51.07 +21 16.2 20.2	−1.18 + 1.0	0.9/19.9	65549
2002 FA ₁₅	2009 12 19.8	05 51.08 +25 28.1 20.0	−1.01 + 2.1	0.6/19.8	47210
2005 EL ₉₇	2009 12 19.8	05 51.13 +48 54.2 18.8	−1.27 − 4.5	8.6/21.5	66196

2001 QM ₁₂₄	2009 12 19.8	05 51.13 +26 02.2 20.8	-1.18 + 0.5	1.0/19.9	90067	2007 EO ₇₃	2009 12 20.0	05 51.96 +28 49.1 20.9	-1.13 - 0.1	1.9/20.1	41327
2002 QV	2009 12 19.8	05 51.16 +10 01.9 20.0	-0.83 + 0.5	3.9/19.8	47223	2007 GE ₆₆	2009 12 20.0	05 51.97 +11 22.0 21.5	-0.92 - 1.9	3.7/19.7	47429
2008 SF ₁₅₁	2009 12 19.8	05 51.17 +14 59.5 20.8	-0.87 - 1.5	2.6/19.7	49060	2004 RR ₁₂	2009 12 20.0	05 51.98 +40 26.3 20.1	-1.27 + 0.1	5.7/20.3	59730
2004 XX ₁₀₈	2009 12 19.8	05 51.18 +30 13.7 19.3	-1.07 + 4.0	2.5/19.7	66192	2005 TN ₁₁₀	2009 12 20.0	05 51.98 +14 34.7 21.9	-1.11 - 1.6	3.7/19.9	96033
2002 XF ₅	2009 12 19.8	05 51.18 +07 07.4 18.6	-1.26 -14.1	7.4/17.4	66145	2006 AO ₂₁	2009 12 20.0	05 51.99 +27 50.5 18.8	-1.09 + 3.0	1.6/20.0	66246
2000 EK ₂₀₀	2009 12 19.8	05 51.20 +54 50.0 20.6	-1.34 - 1.3	8.1/20.6	35763	2003 UF ₆₇	2009 12 20.0	05 52.00 +10 12.6 21.9	-0.87 - 1.6	4.3/19.8	47269
2002 AX ₆₁	2009 12 19.8	05 51.20 +12 37.6 19.3	-1.01 + 1.9	4.3/20.0	02063	2001 SD ₁₇₂	2009 12 20.0	05 52.01 +21 30.6 19.0	-1.10 - 0.2	0.9/20.0	66107
2006 BD ₁₁₁	2009 12 19.8	05 51.25 +25 18.3 20.7	-1.01 + 0.6	0.6/19.9	57434	2006 DY ₂₁	2009 12 20.0	05 52.02 +26 21.3 20.5	-1.02 + 0.5	1.1/20.1	11159
2005 SE ₁₇₁	2009 12 19.8	05 51.26 +35 10.6 20.5	-1.32 - 0.3	4.7/20.0	66213	2002 CL ₁₁₇	2009 12 20.0	05 52.02 +12 05.2 19.3	-1.06 + 5.4	4.7/20.5	94605
2001 TU ₂₅₇	2009 12 19.8	05 51.27 +24 00.7 21.2	-1.15 + 1.5	0.2/19.9	23842	2007 FQ ₄₇	2009 12 20.0	05 52.02 +13 44.1 21.2	-0.95 + 0.7	3.0/20.0	55319
2005 YR ₅₁	2009 12 19.8	05 51.28 +25 56.1 20.5	-1.12 - 5.3	1.0/20.1	65496	2008 QA ₂₉	2009 12 20.0	05 52.05 -15 19.7 19.3	-0.82 + 2.3	12.5/21.5	50151
2005 UV ₄₈	2009 12 19.8	05 51.29 +24 34.4 19.6	-1.15 - 0.9	0.5/19.9	66219	2005 UQ ₅₂	2009 12 20.1	05 52.11 +21 26.9 19.1	-1.08 + 2.4	1.0/20.1	97884
1998 FP ₇₄	2009 12 19.8	05 51.31 +38 48.7 20.1	-1.22 + 1.6	5.6/19.8	73935	2006 AH ₆₇	2009 12 20.1	05 52.13 +15 51.8 20.2	-1.00 + 0.6	3.3/20.1	09491
2004 TE ₁₄₅	2009 12 19.9	05 51.22 +27 11.6 19.5	-1.04 + 1.1	1.4/19.9	66185	2005 YT ₂₄₁	2009 12 20.1	05 52.15 +26 16.2 21.0	-1.10 + 1.6	1.0/20.1	20476
2006 DS ₁₀₁	2009 12 19.9	05 51.23 +25 22.6 20.7	-0.96 + 0.5	0.6/19.9	47394	2006 DK ₁₈₇	2009 12 20.1	05 52.15 +25 25.8 21.5	-0.92 + 0.3	0.6/20.1	47397
2005 MB ₄₀	2009 12 19.9	05 51.25 +21 30.7 20.7	-1.23 - 3.0	0.8/19.8	86849	2004 RY ₁₉₆	2009 12 20.1	05 52.16 +05 38.0 20.7	-0.98 - 1.1	5.8/20.0	40129
2003 UY ₂₈	2009 12 19.9	05 51.27 +04 37.5 20.8	-0.87 - 3.7	6.6/19.1	10994	2005 UO ₁₅	2009 12 20.1	05 52.19 +16 26.8 20.4	-1.06 - 1.1	3.2/20.0	19658
2007 HK ₂₄	2009 12 19.9	05 51.30 +22 55.7 20.7	-1.12 + 1.3	0.2/19.9	26279	2004 KK ₄	2009 12 20.1	05 52.22 +18 16.6 20.6	-1.11 - 2.3	2.0/20.0	66173
2005 UP ₃₉₇	2009 12 19.9	05 51.31 +27 52.6 20.4	-1.25 + 1.6	1.9/19.9	66227	2006 BK ₂₂₀	2009 12 20.1	05 52.26 +32 29.8 19.9	-1.11 - 1.6	3.4/20.4	66253
2008 RJ ₉₈	2009 12 19.9	05 51.32 +33 13.4 20.1	-1.03 - 2.2	3.2/20.3	58611	2006 BX ₆₄	2009 12 20.1	05 52.28 +26 50.1 20.4	-1.02 - 1.2	1.1/20.2	48988
2001 LB ₁₈	2009 12 19.9	05 51.34 +21 16.6 19.3	-1.20 + 4.6	0.8/20.0	40092	2008 OH ₂₂	2009 12 20.1	05 52.30 +29 00.4 20.9	-0.96 - 0.9	1.7/20.3	47448
2005 SS ₁₂₄	2009 12 19.9	05 51.36 +19 48.5 20.1	-1.15 - 0.9	1.5/19.9	97826	2007 GG ₅₁	2009 12 20.1	05 52.31 +20 26.8 20.5	-1.06 + 1.1	1.1/20.1	47428
2007 GN ₂₄	2009 12 19.9	05 51.37 +32 20.2 21.2	-1.11 + 2.6	2.8/19.8	21363	2004 TJ ₃₁₈	2009 12 20.1	05 52.31 +20 12.3 20.6	-0.99 - 1.1	1.1/20.1	47323
2005 VB ₁₈	2009 12 19.9	05 51.37 +33 59.7 21.4	-1.29 + 1.4	4.3/19.9	97962	2008 RS ₃	2009 12 20.1	05 52.34 +07 59.9 20.1	-0.81 - 0.3	4.9/20.0	49037
2002 QQ ₁₃₂	2009 12 19.9	05 51.38 +16 07.0 19.9	-0.88 + 2.2	2.5/20.0	56884	2006 BY ₃₀	2009 12 20.1	05 52.34 +21 45.5 18.7	-1.02 + 1.6	0.7/20.2	66249
2002 CT ₂₀₅	2009 12 19.9	05 51.38 +14 40.2 20.0	-0.99 + 1.4	4.0/19.9	02078	2008 TM ₁₁₅	2009 12 20.1	05 52.34 +25 48.8 19.8	-0.90 + 1.6	0.6/20.1	58929
2003 UD ₁₉₂	2009 12 19.9	05 51.38 +15 02.9 19.0	-0.88 - 2.3	2.8/19.6	59715	2006 DL ₇₀	2009 12 20.1	05 52.34 +31 25.2 20.1	-1.07 - 0.2	2.9/20.2	66255
2003 SL ₂₉	2009 12 19.9	05 51.40 -13 18.8 20.3	-1.14 - 5.5	17.4/16.7	37993	2002 QC ₄₈	2009 12 20.1	05 52.35 +19 25.5 20.6	-0.88 + 1.0	1.2/20.2	66136
2002 XZ ₂₂	2009 12 19.9	05 51.41 +29 40.3 18.6	-1.17 + 3.7	3.2/19.8	66145	2008 ST ₂₂₄	2009 12 20.1	05 52.43 +11 16.0 20.9	-0.83 - 1.4	3.5/19.8	49068
2005 UD ₁₀₃	2009 12 19.9	05 51.42 +32 57.8 20.7	-1.28 + 2.7	3.6/19.8	96145	2005 MY ₃₉	2009 12 20.1	05 52.45 +17 17.4 21.1	-1.19 + 2.8	2.4/20.3	40134
2004 TF ₆₂	2009 12 19.9	05 51.44 +29 31.2 21.2	-1.08 - 0.5	2.0/20.0	57406	2005 YH ₁₂₀	2009 12 20.1	05 52.46 +20 48.8 20.3	-1.05 0.0	1.0/20.1	66243
2008 QC ₉	2009 12 19.9	05 51.45 +05 06.4 20.4	-0.90 + 1.2	5.6/20.1	47453	2005 SV ₂₀₆	2009 12 20.1	05 52.48 +22 19.2 19.6	-1.14 - 0.5	0.5/20.2	17575
2007 JH ₄₂	2009 12 19.9	05 51.48 +00 50.9 19.7	-0.86 + 3.8	6.7/20.9	47435	2000 QK ₁₄₀	2009 12 20.1	05 52.49 +02 42.4 18.5	-0.93 + 1.3	9.0/20.5	59656
2007 EH ₁₅₅	2009 12 19.9	05 51.53 +04 45.0 21.1	-0.95 - 1.8	6.2/19.5	46517	1998 TW ₂₂	2009 12 20.1	05 52.52 +35 43.1 20.3	-1.07 + 2.1	4.2/20.0	66086
2003 ER ₂₃	2009 12 19.9	05 51.56 +21 56.1 20.2	-1.13 + 0.6	0.6/20.0	47243	2004 RH ₃₉	2009 12 20.1	05 52.54 +22 39.8 19.2	-1.05 + 1.3	0.3/20.2	66177
2005 UC ₃₂	2009 12 19.9	05 51.57 +25 17.0 19.8	-1.17 + 0.4	0.8/20.0	60841	2008 QA ₃	2009 12 20.1	05 52.56 +07 31.7 21.0	-0.91 + 3.4	5.3/20.8	50139
2008 QG ₂₂	2009 12 19.9	05 51.58 +21 22.6 20.4	-0.90 - 1.6	0.6/19.9	49036	2008 RJ ₁₈	2009 12 20.1	05 52.56 +38 22.7 20.7	-1.07 - 1.3	4.8/20.6	55499
2003 SQ ₄₂₂	2009 12 19.9	05 51.64 +34 45.5 19.2	-1.04 - 1.1	4.0/20.2	47266	2001 TF ₁₃	2009 12 20.1	05 52.59 +59 43.4 19.7	-2.42 + 6.8	17.9/18.2	40096
2005 SD ₂₅	2009 12 19.9	05 51.65 +18 45.6 20.4	-1.17 + 1.6	1.7/20.0	66208	2000 SF ₂₂₃	2009 12 20.1	05 52.60 +34 56.6 18.8	-1.13 + 0.5	5.2/20.3	66096
2000 QK ₁₃₈	2009 12 19.9	05 51.67 +35 37.3 20.5	-1.22 - 0.2	4.4/20.2	17916	2002 RP ₅₇	2009 12 20.1	05 52.65 +17 05.3 19.2	-1.18 - 0.9	2.9/20.1	40107
2007 EL ₁₁₂	2009 12 19.9	05 51.67 +06 51.2 21.4	-0.95 - 0.6	5.1/19.7	55313	2004 SQ ₁	2009 12 20.2	05 52.58 +27 27.9 20.2	-1.08 - 0.1	1.6/20.2	47312
2005 YZ ₁₇₄	2009 12 19.9	05 51.69 +16 34.1 18.8	-1.06 + 1.5	2.9/20.1	64284	1999 TR ₂₁₉	2009 12 20.2	05 52.58 +33 30.9 18.4	-1.09 - 1.9	4.2/20.6	66088
2004 PR ₂₇	2009 12 19.9	05 51.71 +26 36.0 20.7	-1.11 + 1.1	1.1/20.0	65389	2002 AB ₄₆	2009 12 20.2	05 52.59 +23 50.6 19.3	-1.06 - 1.2	0.2/20.2	20757
2005 YM ₈₄	2009 12 19.9	05 51.73 +19 47.0 20.4	-0.99 - 1.3	1.7/19.9	66242	2007 EZ ₉₆	2009 12 20.2	05 52.60 +14 43.4 21.2	-1.09 - 1.1	3.4/20.0	20854
2001 RR ₄₃	2009 12 20.0	05 51.69 +14 34.9 19.9	-1.08 - 0.9	3.4/19.9	62317	2003 UG ₁₄₀	2009 12 20.2	05 52.60 +29 43.6 18.6	-1.02 + 3.0	2.2/20.1	66162
2008 RK ₁₁₁	2009 12 20.0	05 51.76 +36 52.0 20.7	-1.06 + 0.8	4.1/20.1	50200	2008 SD ₂₃₄	2009 12 20.2	05 52.61 +30 17.5 21.4	-0.97 + 0.9	2.1/20.2	46889
2002 WV ₂₈	2009 12 20.0	05 51.81 +15 01.7 20.2	-1.12 - 2.1	3.8/19.8	53373	2002 EQ ₁₃₁	2009 12 20.2	05 52.61 +13 43.2 20.4	-0.96 + 0.2	3.5/20.2	47209
2002 PR ₁₀₂	2009 12 20.0	05 51.82 +30 14.4 21.3	-0.96 - 3.2	1.9/20.3	48248	2001 RF ₈₃	2009 12 20.2	05 52.62 +32 03.0 18.6	-1.17 - 3.4	4.1/20.6	66105
2004 RA ₁₆₅	2009 12 20.0	05 51.88 +18 07.6 20.3	-1.04 - 2.2	1.9/19.9	66179	2002 CH ₃₃	2009 12 20.2	05 52.63 +13 09.9 20.0	-1.04 + 4.5	3.9/20.6	94575
2005 WE ₁₇₇	2009 12 20.0	05 51.89 +27 21.9 20.5	-1.10 - 0.5	1.7/20.1	58521	2003 UL ₁₆₆	2009 12 20.2	05 52.66 -10 27.1 18.6	-0.85 - 9.1	13.8/15.1	59715
2008 SB ₁₂₄	2009 12 20.0	05 51.91 +19 49.9 21.1	-0.87 - 0.8	1.0/20.0	50280	2005 SZ ₂₇₉	2009 12 20.2	05 52.66 +31 22.6 20.1	-1.22 + 3.3	3.6/20.0	11135

2001 XT ₁₉₂	2009 12 20.2	05 52.72 +26 06.1 18.8	-1.11 - 2.6	1.0/20.3	66119	2006 DH ₇₄	2009 12 20.4	05 53.61 +47 17.9 19.3	-1.33 + 3.2	8.6/19.7	66255
2001 SQ ₂₅₉	2009 12 20.2	05 52.74 +27 53.3 20.8	-1.18 - 0.2	1.6/20.3	66107	2008 PH ₇	2009 12 20.4	05 53.66 +21 59.0 20.3	-1.01 - 2.0	0.5/20.4	47449
2008 TN ₁₀₀	2009 12 20.2	05 52.78 -13 59.8 20.5	-0.82 - 1.1	10.7/19.9	52512	2008 QL ₂₂	2009 12 20.4	05 53.67 +20 27.3 19.7	-0.88 - 2.0	0.9/20.4	50149
2001 UH ₁₈₃	2009 12 20.2	05 52.78 +17 26.9 19.7	-1.09 + 2.2	2.5/20.3	17967	2003 VP ₁₁	2009 12 20.4	05 53.69 +13 36.7 18.6	-0.99 - 7.8	3.3/19.6	66164
2008 SC ₂₇₄	2009 12 20.2	05 52.79 -10 59.7 21.4	-0.79 - 0.5	9.5/20.1	58927	2003 SM ₄₃	2009 12 20.4	05 53.71 +31 26.9 19.8	-1.04 - 1.7	2.7/20.7	66155
2002 TB ₁₁₃	2009 12 20.2	05 52.79 +30 47.9 19.5	-0.92 + 0.5	2.3/20.3	66140	2005 EE ₁₇₂	2009 12 20.4	05 53.72 -18 28.3 19.1	-0.78 - 2.1	16.7/17.5	47346
2003 WF ₁₇₁	2009 12 20.2	05 52.82 +28 56.8 19.5	-1.02 + 4.2	1.8/20.1	66165	2005 NS ₇₄	2009 12 20.4	05 53.72 +20 14.1 22.3	-1.21 + 1.6	1.2/20.5	41185
2007 FC ₃₈	2009 12 20.2	05 52.92 +22 46.3 19.2	-1.17 + 2.0	0.3/20.3	47426	2005 YC ₁₃₅	2009 12 20.4	05 53.74 +32 50.9 19.8	-1.15 - 3.2	3.2/20.9	66243
2008 OO ₂₀	2009 12 20.2	05 52.96 +21 29.9 20.8	-1.00 - 0.4	0.7/20.3	46593	2007 DA ₁₀₀	2009 12 20.4	05 53.76 +23 55.9 20.8	-1.15 + 0.6	0.2/20.5	47420
2002 QP ₄₄	2009 12 20.2	05 53.08 +52 39.4 19.9	-1.30 - 1.4	8.1/21.3	47224	2007 DQ ₄₉	2009 12 20.4	05 53.82 +17 15.8 20.6	-1.13 + 1.7	2.4/20.5	65546
2005 RW ₅	2009 12 20.2	05 53.09 +23 16.3 20.3	-1.21 - 0.8	0.1/20.3	87157	2006 DD ₈₂	2009 12 20.4	05 53.82 +15 05.7 19.2	-0.94 + 0.5	3.4/20.5	64293
2006 HZ ₄₂	2009 12 20.2	05 53.11 +45 13.4 20.8	-1.16 + 3.3	6.3/19.7	65524	2006 BH ₁₁₈	2009 12 20.4	05 53.85 +02 07.5 21.5	-0.89 + 1.5	6.7/20.6	56039
2006 DN ₉₇	2009 12 20.3	05 53.07 -00 31.3 20.8	-0.80 - 0.6	6.8/20.0	47394	2000 DA ₉₀	2009 12 20.4	05 53.87 +32 30.4 19.6	-1.28 - 2.2	3.8/20.7	57342
2005 WQ ₁₄₅	2009 12 20.3	05 53.09 +26 23.2 20.7	-1.15 + 0.3	1.1/20.3	15920	2004 TY ₃₁₄	2009 12 20.4	05 53.91 +31 59.1 20.3	-1.11 - 0.1	3.2/20.6	66188
2000 GN ₂₁	2009 12 20.3	05 53.17 +20 36.6 21.2	-1.12 - 0.3	1.0/20.3	43105	2004 FW ₇₈	2009 12 20.4	05 53.94 +29 42.4 20.6	-1.26 + 0.1	2.5/20.5	60801
2005 UR ₄₆₄	2009 12 20.3	05 53.18 +19 02.7 20.9	-1.13 + 0.5	1.6/20.3	47358	2003 TC	2009 12 20.4	05 53.95 +17 07.5 20.0	-0.88 - 1.0	2.1/20.4	66159
2004 LP ₁₆	2009 12 20.3	05 53.18 +12 53.0 19.5	-1.24 + 7.8	4.0/21.0	21339	2003 SN ₁₆₅	2009 12 20.4	05 53.96 -03 20.7 19.8	-0.83 + 0.1	9.3/20.8	48899
2007 ER ₁₀₁	2009 12 20.3	05 53.19 +11 31.6 21.0	-0.90 + 0.7	3.4/20.4	46513	2005 NG ₁₄	2009 12 20.4	05 53.99 +12 00.1 21.2	-1.14 + 2.3	4.8/20.8	90216
2000 QN ₂₂₉	2009 12 20.3	05 53.20 +00 15.5 18.3	-0.92 + 2.6	10.7/21.4	66094	2005 YS ₄₁	2009 12 20.5	05 53.90 +25 55.6 20.4	-1.07 - 0.3	1.0/20.5	66240
2001 QH ₂₅₃	2009 12 20.3	05 53.21 +23 40.4 18.8	-1.12 + 1.4	0.1/20.3	66104	2007 DO ₃	2009 12 20.5	05 53.92 +14 11.9 21.4	-1.11 - 0.7	3.5/20.4	43273
2008 JF ₁₀	2009 12 20.3	05 53.21 +14 58.4 20.5	-1.17 - 2.1	3.5/20.1	41669	2008 SD ₁₆₈	2009 12 20.5	05 53.92 +59 00.1 20.9	-1.56 - 2.5	10.0/23.0	56135
2001 QO ₁₆₅	2009 12 20.3	05 53.22 +15 42.8 20.1	-1.10 + 2.1	2.9/20.5	16158	2000 SH ₂₅₇	2009 12 20.5	05 53.92 +13 44.3 18.8	-0.96 + 0.5	4.3/20.5	66097
2008 PX ₇	2009 12 20.3	05 53.23 +04 39.4 21.1	-0.95 + 1.9	5.9/20.7	47449	2005 QS ₃₅	2009 12 20.5	05 53.93 +13 38.1 19.7	-1.09 + 2.4	4.5/20.7	22515
2004 RP ₂₀₈	2009 12 20.3	05 53.24 +23 23.8 20.0	-1.10 - 2.9	0.0/20.3	40387	2005 SH ₂₈₅	2009 12 20.5	05 53.93 +23 54.9 21.4	-1.20 + 3.7	0.2/20.5	24474
2001 TF ₁₅₉	2009 12 20.3	05 53.27 +20 37.7 20.7	-1.14 - 0.3	1.1/20.3	40096	2006 AE ₆₈	2009 12 20.5	05 53.95 +20 01.2 20.4	-1.00 + 0.4	1.3/20.5	47374
2007 DY ₈₆	2009 12 20.3	05 53.28 +28 06.9 21.0	-1.24 - 0.8	1.9/20.4	17776	2008 QJ ₂₁	2009 12 20.5	05 53.96 +49 25.5 20.4	-1.28 - 3.4	7.7/22.1	47455
2005 SB ₁₂₀	2009 12 20.3	05 53.31 -20 24.5 19.2	-0.85 - 5.9	22.0/14.7	19194	2000 XO ₄₁	2009 12 20.5	05 53.98 +45 24.8 19.0	-1.31 - 2.4	8.8/21.5	41762
2005 QZ ₆	2009 12 20.3	05 53.33 +17 02.5 20.9	-1.16 + 0.6	2.5/20.4	16296	2007 EW ₆₄	2009 12 20.5	05 53.99 +21 58.7 19.2	-1.17 + 1.4	0.7/20.5	59791
2007 LE ₁₂	2009 12 20.3	05 53.34 +37 51.7 20.9	-1.15 + 5.1	4.2/19.8	21252	2000 FY ₇	2009 12 20.5	05 54.03 +45 42.4 20.0	-1.16 + 0.8	6.9/20.5	66092
2002 GH ₁₈₆	2009 12 20.3	05 53.40 +02 15.2 20.0	-0.95 - 3.7	8.3/19.1	60309	2000 HW ₉₀	2009 12 20.5	05 54.06 +18 57.9 20.0	-0.88 - 1.0	1.4/20.5	66093
2006 DJ ₁₀₄	2009 12 20.3	05 53.41 +26 17.2 20.9	-0.94 - 0.5	0.9/20.4	47394	2005 CM ₃₈	2009 12 20.5	05 54.08 +21 15.3 16.6	-1.48 -20.1	1.2/20.1	66195
2005 OQ	2009 12 20.3	05 53.44 +22 19.0 20.7	-1.22 + 1.2	0.5/20.4	66201	2008 GZ ₁₁	2009 12 20.5	05 54.08 +32 31.7 20.4	-1.33 + 1.5	3.5/20.5	40209
2002 QP ₁₀₀	2009 12 20.3	05 53.45 +12 00.1 20.9	-0.85 + 2.9	3.2/20.7	08338	2003 UM ₁	2009 12 20.5	05 54.13 +21 33.5 19.7	-0.93 - 2.5	0.6/20.5	66160
2004 JB ₁₆	2009 12 20.3	05 53.46 +34 22.4 19.7	-1.28 + 0.5	4.2/20.4	60803	2003 US ₂₅₈	2009 12 20.5	05 54.14 +12 46.4 20.8	-0.85 - 1.1	3.1/20.4	49889
2005 NC ₁₇	2009 12 20.3	05 53.47 +32 25.1 20.3	-1.35 + 0.3	3.5/20.5	37383	2003 UF ₅₉	2009 12 20.5	05 54.14 +03 34.9 18.2	-0.92 - 7.8	7.3/18.7	46073
1998 TF ₃₆	2009 12 20.3	05 53.49 +10 02.3 18.9	-0.88 - 2.1	4.6/20.0	50880	2003 SV ₁₈₈	2009 12 20.5	05 54.15 +27 59.6 19.2	-0.99 + 1.6	1.5/20.5	66157
2008 RW ₈₆	2009 12 20.3	05 53.52 +32 51.9 20.1	-1.00 - 1.6	2.8/20.6	66324	2005 TV ₁₀₂	2009 12 20.5	05 54.18 +20 05.2 20.3	-1.08 - 1.3	1.5/20.5	97861
2005 YP ₁₈₉	2009 12 20.3	05 53.53 +20 39.7 19.1	-1.02 + 1.1	1.3/20.4	66244	2006 HL ₅₇	2009 12 20.5	05 54.18 -07 00.2 21.0	-0.78 + 1.7	7.5/20.8	01677
2008 QJ ₈	2009 12 20.3	05 53.55 +31 11.0 20.1	-1.06 - 0.8	2.7/20.5	66322	2004 TZ ₁₂₉	2009 12 20.5	05 54.20 +10 19.2 20.0	-0.97 + 1.8	5.0/20.8	47318
2005 QR ₈₁	2009 12 20.3	05 53.57 +30 05.4 20.1	-1.27 - 0.9	2.8/20.5	90233	2007 HY ₄₅	2009 12 20.5	05 54.21 +17 05.8 19.9	-1.08 + 2.2	2.5/20.7	20645
2002 CZ ₂₈₉	2009 12 20.4	05 53.46 +23 17.9 19.7	-1.07 + 3.5	0.0/20.4	66128	2000 CD ₁₁₈	2009 12 20.5	05 54.22 +11 37.7 18.9	-0.90 + 3.1	4.2/20.9	58399
2001 TB ₂₄₀	2009 12 20.4	05 53.47 +22 38.7 19.2	-1.13 + 2.5	0.3/20.4	62323	2002 AJ ₁₇₄	2009 12 20.5	05 54.26 +32 07.7 19.3	-1.15 - 1.6	3.5/20.8	66124
2000 VO ₇	2009 12 20.4	05 53.48 +07 20.3 19.0	-0.97 - 3.3	5.7/19.8	47155	2007 GY ₃₃	2009 12 20.5	05 54.28 +22 22.1 20.7	-1.03 - 1.1	0.3/20.6	46531
2007 EQ ₉₈	2009 12 20.4	05 53.50 +25 04.7 20.5	-1.13 + 0.3	0.6/20.4	53590	2001 PX ₁₂	2009 12 20.5	05 54.31 +29 01.9 19.6	-1.22 - 2.4	2.2/20.8	66102
2007 BM ₆₄	2009 12 20.4	05 53.51 +18 43.7 20.0	-1.17 + 0.2	2.2/20.4	62501	2005 UK ₁₈₃	2009 12 20.5	05 54.31 +27 03.9 20.9	-1.18 + 1.2	1.4/20.6	01052
2004 RG ₂₃	2009 12 20.4	05 53.52 +17 11.0 20.1	-1.04 + 0.8	2.3/20.4	66176	2003 UV ₁₄₇	2009 12 20.5	05 54.36 +16 52.2 19.2	-0.88 + 1.1	2.3/20.6	59714
2007 EG ₁₉₇	2009 12 20.4	05 53.52 +19 30.1 21.4	-1.10 - 0.7	1.5/20.4	20858	2008 SB ₇₁	2009 12 20.5	05 54.36 +37 06.8 20.3	-1.05 + 0.9	4.1/20.6	60908
2001 SD ₁₀₃	2009 12 20.4	05 53.56 +31 06.5 20.7	-1.22 - 0.8	2.9/20.6	17949	2003 HX ₁₅	2009 12 20.5	05 54.36 -13 59.7 21.5	-0.89 + 1.0	9.9/20.7	59699
2004 TP ₁₁₄	2009 12 20.4	05 53.58 +29 56.0 19.5	-1.15 + 3.8	2.6/20.2	66184	2000 XH ₅	2009 12 20.5	05 54.38 +40 30.8 18.6	-1.20 - 0.1	7.5/20.9	64158
2003 FS ₅	2009 12 20.4	05 53.59 +39 27.0 21.3	-1.19 - 0.2	4.7/20.6	48889	2005 SP ₁₈₆	2009 12 20.5	05 54.39 +19 28.5 20.7	-1.15 0.0	1.5/20.6	97834
2006 JU ₅₄	2009 12 20.4	05 53.59 +18 51.5 20.1	-0.86 - 0.9	1.4/20.3	66261	2005 UH ₁₆	2009 12 20.5	05 54.40 +24 49.8 19.4	-1.16 + 1.0	0.6/20.6	66219

2006 BL ₃₂	2009 12 20.5	05 54.41 +15 22.0 19.2	-0.97 + 2.5	3.5/20.8	03840
2005 UC ₄₄₅	2009 12 20.5	05 54.43 +16 34.6 20.2	-1.09 + 2.1	3.1/20.7	21847
2005 UO ₁₈₇	2009 12 20.6	05 54.34 +15 58.9 21.7	-1.13 - 0.8	2.7/20.5	97913
2005 WK ₁₆₁	2009 12 20.6	05 54.34 +23 54.6 20.9	-1.14 + 1.1	0.2/20.6	58521
2008 RD ₄₅	2009 12 20.6	05 54.40 +08 02.2 21.3	-0.84 + 0.2	4.7/20.6	55502
1997 EW ₃₀	2009 12 20.6	05 54.43 +29 25.7 20.4	-1.05 - 0.3	2.2/20.7	66083
2004 NG ₂₃	2009 12 20.6	05 54.44 +38 39.7 19.5	-1.24 - 3.2	5.3/21.3	47295
2000 HF ₃₉	2009 12 20.6	05 54.45 +25 51.5 21.5	-1.16 + 0.6	0.9/20.6	47145
2005 YC ₁₆₆	2009 12 20.6	05 54.46 +16 30.5 19.9	-0.96 + 3.6	3.4/20.8	96810
2005 WB ₂₇	2009 12 20.6	05 54.49 +24 30.0 21.0	-1.14 - 0.3	0.4/20.6	96453
2004 PW ₈₄	2009 12 20.6	05 54.49 +07 40.6 19.3	-0.98 + 2.3	6.3/21.1	74318
2003 UJ ₉	2009 12 20.6	05 54.50 +11 08.2 18.1	-1.03 +10.4	4.5/21.9	66160
2003 DE ₁₉	2009 12 20.6	05 54.50 +23 35.6 20.0	-1.16 - 0.8	0.1/20.6	47242
2001 RJ ₁₀₀	2009 12 20.6	05 54.50 +25 42.1 19.1	-1.17 + 0.6	1.0/20.6	17945
2003 SD ₁₃₈	2009 12 20.6	05 54.51 +43 25.4 19.2	-1.22 + 2.4	7.8/20.6	65366
2005 YQ ₈₇	2009 12 20.6	05 54.52 +23 44.0 20.2	-1.09 - 1.0	0.1/20.6	65498
2008 RY ₁₂₉	2009 12 20.6	05 54.52 +27 27.0 20.9	-1.02 - 0.3	1.3/20.7	65597
2005 SG ₃₄	2009 12 20.6	05 54.52 +27 39.6 20.7	-1.19 + 2.2	2.0/20.6	97813
2003 UV ₂₂	2009 12 20.6	05 54.52 +32 19.4 20.3	-0.98 + 1.2	2.5/20.6	46070
2002 PF ₁₇₁	2009 12 20.6	05 54.57 +34 51.8 20.4	-0.98 - 0.7	3.2/20.9	48872
2003 FJ ₁₂₆	2009 12 20.6	05 54.58 -04 21.7 20.3	-0.97 + 1.2	9.7/21.4	64203
2007 DS ₃₃	2009 12 20.6	05 54.58 +12 10.9 19.9	-1.08 + 1.0	4.9/20.7	43273
2005 UJ ₃₆₃	2009 12 20.6	05 54.59 +19 25.3 21.8	-1.12 + 0.4	1.5/20.6	18148
2003 ST ₃₃₉	2009 12 20.6	05 54.61 +22 05.3 20.8	-0.93 + 2.9	0.4/20.7	22746
2007 EQ ₉₆	2009 12 20.6	05 54.62 +23 33.1 20.3	-1.16 - 0.4	0.1/20.7	43276
2006 BM ₂₁₄	2009 12 20.6	05 54.67 +33 50.4 19.0	-1.14 - 4.2	3.7/21.2	66252
2004 VD ₂₉	2009 12 20.6	05 54.67 +29 22.6 19.7	-1.06 + 2.3	2.1/20.6	74431
2008 SG ₁₄₉	2009 12 20.6	05 54.74 +14 42.2 21.2	-0.86 - 1.5	2.5/20.5	46837
2006 CM ₅₅	2009 12 20.6	05 54.74 +20 23.9 20.2	-0.99 - 0.1	1.1/20.7	66254
2005 ES ₈₅	2009 12 20.6	05 54.75 +11 22.4 18.9	-0.87 + 2.3	4.4/20.9	77829
2005 EN ₃₃	2009 12 20.6	05 54.75 +62 14.3 19.3	-2.23 - 3.6	20.6/24.2	11081
2004 PA	2009 12 20.6	05 54.77 +04 59.3 20.9	-0.99 + 0.4	6.3/20.9	39742
2006 GC ₄₁	2009 12 20.6	05 54.79 +01 56.7 20.9	-0.79 + 0.8	5.6/20.7	60862
2007 DY ₄₅	2009 12 20.6	05 54.80 +27 56.0 20.4	-1.23 - 1.4	1.9/20.8	47420
2007 MR ₁₃	2009 12 20.6	05 54.85 +15 57.2 19.5	-1.03 + 2.4	3.1/20.8	41348
2005 WV ₄₇	2009 12 20.6	05 54.89 +26 30.8 19.7	-1.14 + 1.5	1.4/20.7	66232
2008 NH ₃	2009 12 20.6	05 54.89 +21 31.2 20.5	-1.15 - 1.4	0.7/20.7	43302
2003 WY ₃₀	2009 12 20.7	05 54.80 +31 04.5 19.5	-0.97 + 0.2	2.7/20.7	66164
2005 MC ₄₇	2009 12 20.7	05 54.80 +15 32.9 19.3	-1.15 + 2.9	3.7/20.9	64243
2004 QV ₂₀	2009 12 20.7	05 54.83 +25 06.8 18.4	-1.10 - 4.4	0.7/20.8	66176
2002 RF ₁₈₇	2009 12 20.7	05 54.84 +55 52.6 20.8	-1.33 - 0.9	7.9/21.5	47229
2006 CH ₁₈	2009 12 20.7	05 54.85 +13 11.7 20.4	-0.95 + 1.5	3.6/20.8	20491
2006 HK ₅₁	2009 12 20.7	05 54.89 +37 15.3 20.2	-1.05 + 1.3	4.0/20.6	51034
2005 TV ₁₁₆	2009 12 20.7	05 54.89 +14 43.4 20.9	-1.14 - 1.6	3.6/20.5	41828
2002 AD ₁₂₉	2009 12 20.7	05 54.92 +38 26.4 19.0	-1.67 -14.4	7.8/23.0	22694
2002 PL ₁₈₇	2009 12 20.7	05 54.92 +37 11.1 21.2	-1.02 - 0.1	4.1/20.9	49838
2005 SD ₁₁₇	2009 12 20.7	05 54.92 +22 47.0 18.7	-1.11 + 2.5	0.3/20.7	66211
2004 SF ₁	2009 12 20.7	05 54.94 +09 47.2 19.2	-0.98 + 1.2	5.4/20.9	20802
2005 CN ₁₄	2009 12 20.7	05 54.95 +07 31.0 20.1	-0.82 + 2.4	4.5/21.1	24455
2004 RQ ₈₈	2009 12 20.7	05 54.95 +14 17.0 19.9	-1.02 - 2.1	3.3/20.5	58481
2006 HK ₄₇	2009 12 20.7	05 54.95 +38 44.5 19.2	-1.12 + 3.6	5.2/20.2	66260

2003 ST ₁₃₃	2009 12 20.7	05 54.95 +47 02.4 19.1	-1.22 + 2.1	9.7/20.6	57952
2004 TW ₁₄₃	2009 12 20.7	05 55.03 +19 46.1 18.9	-0.97 - 0.5	1.5/20.7	66185
1996 SE ₁	2009 12 20.7	05 55.05 +30 02.0 19.1	-1.05 - 0.4	3.4/20.9	66083
2008 SP ₁₂₆	2009 12 20.7	05 55.05 +21 31.5 20.0	-0.76 - 0.9	0.5/20.7	49056
2005 ST ₁₄₁	2009 12 20.7	05 55.08 +20 35.1 21.6	-1.17 + 0.8	1.2/20.8	21834
2005 UP ₂₃₄	2009 12 20.7	05 55.08 +25 15.6 20.5	-1.15 + 2.9	0.8/20.7	26080
2002 CK	2009 12 20.7	05 55.09 +43 33.2 19.2	-1.31 + 1.1	8.2/20.5	66125
2008 UM ₁₈₉	2009 12 20.7	05 55.12 +36 21.9 21.4	-1.04 + 0.5	3.7/20.8	50574
2003 UW ₂₅₃	2009 12 20.7	05 55.12 +27 49.0 21.0	-0.95 + 0.3	1.3/20.8	48911
2000 FW ₂₃	2009 12 20.7	05 55.13 +19 25.8 19.9	-1.15 + 2.3	1.5/20.8	66092
2004 PZ ₂₀	2009 12 20.7	05 55.14 +20 42.1 20.2	-1.06 - 0.7	1.1/20.7	66174
2006 BW ₁₆	2009 12 20.7	05 55.16 +16 13.2 20.5	-0.96 + 1.3	2.3/20.8	42794
2007 EY ₁₆₇	2009 12 20.7	05 55.18 +27 41.5 19.3	-1.14 + 1.8	2.2/20.7	66277
2001 UY ₂₂₅	2009 12 20.7	05 55.19 +26 37.1 20.8	-1.18 + 2.5	1.3/20.7	20268
2005 GT ₁₁₉	2009 12 20.7	05 55.19 -19 28.7 19.1	-1.05 - 6.0	22.6/16.3	62418
1997 BZ ₃	2009 12 20.7	05 55.19 +28 28.5 20.2	-1.23 - 2.0	2.4/20.9	66083
2002 QK ₁₁₃	2009 12 20.7	05 55.25 +18 47.6 19.9	-0.89 - 2.5	1.5/20.6	66136
2007 GS ₅₁	2009 12 20.8	05 55.24 +13 18.9 21.1	-1.05 - 0.2	3.6/20.7	47428
1998 SO ₄₆	2009 12 20.8	05 55.24 +23 31.1 20.2	-1.20 - 0.1	0.0/20.8	17896
2002 RE ₂₀₁	2009 12 20.8	05 55.27 +28 29.4 20.3	-1.32 + 2.1	2.2/20.7	37303
2005 SV ₉₆	2009 12 20.8	05 55.29 +14 13.6 21.1	-1.13 - 0.3	3.5/20.8	21831
2005 QG ₂₇	2009 12 20.8	05 55.29 +23 58.4 21.1	-1.22 + 0.9	0.2/20.8	97791
2002 AL ₂₀₉	2009 12 20.8	05 55.32 +18 13.4 20.6	-1.03 + 1.2	2.0/20.9	37949
2005 YQ ₇	2009 12 20.8	05 55.34 +28 12.2 20.1	-1.11 - 3.3	1.9/21.0	66239
2007 EZ ₁₁₈	2009 12 20.8	05 55.36 +20 30.6 20.6	-1.03 + 0.4	1.0/20.8	66276
2003 WC ₁₄₃	2009 12 20.8	05 55.40 +28 32.4 19.9	-0.95 + 2.7	1.5/20.7	47281
2005 TW ₁₅₅	2009 12 20.8	05 55.41 +15 08.5 23.0	-1.13 - 1.2	3.0/20.7	01016
2001 QM ₁₅₀	2009 12 20.8	05 55.43 +19 38.2 20.3	-1.14 + 1.0	1.5/20.9	10779
2002 QX ₃₅	2009 12 20.8	05 55.44 +45 32.4 21.4	-1.11 - 0.3	5.6/21.2	47224
2006 DP ₃₆	2009 12 20.8	05 55.45 +46 49.0 19.5	-1.28 - 0.1	8.7/21.0	66255
2007 EY ₂₀₀	2009 12 20.8	05 55.47 +12 09.9 19.0	-1.04 + 2.3	4.3/21.1	58565
2000 HS ₉₆	2009 12 20.8	05 55.54 -08 14.7 18.7	-1.11 + 8.7	14.0/23.0	66093
2000 QE ₂₀₂	2009 12 20.8	05 55.55 +08 34.1 20.0	-1.01 + 3.0	5.9/21.4	74808
2006 HU ₉₄	2009 12 20.8	05 55.58 +24 53.6 21.3	-0.90 + 0.3	0.4/20.9	52454
2005 UM ₂₀₇	2009 12 20.8	05 55.59 +15 21.7 20.4	-1.01 - 1.1	3.9/20.7	19663
2001 RO ₁₂₀	2009 12 20.8	05 55.59 +28 15.4 19.9	-1.19 + 0.3	2.1/20.9	66105
2004 JD ₂₃	2009 12 20.8	05 55.61 +23 04.8 20.0	-1.19 - 1.3	0.1/20.9	47294
2002 RZ ₁₂	2009 12 20.8	05 55.63 +31 00.2 19.0	-1.29 - 0.7	3.7/21.0	66137
2006 BZ ₂₈₀	2009 12 20.8	05 55.64 +29 25.4 20.6	-1.05 - 0.3	2.1/20.9	66253
1999 UN ₃₆	2009 12 20.8	05 55.64 +21 46.6 21.2	-0.99 - 0.6	0.5/20.9	47137
2004 PD ₁₀₃	2009 12 20.8	05 55.64 +05 48.7 20.5	-0.96 + 0.2	5.7/21.0	47300
2005 UC ₄₅	2009 12 20.8	05 55.65 +17 18.0 20.1	-1.09 + 0.6	2.8/20.9	97882
2005 UU ₄₂₇	2009 12 20.8	05 55.66 +28 38.9 20.8	-1.18 + 0.3	2.0/20.9	58518
2001 RL ₂₀	2009 12 20.8	05 55.67 +26 41.3 20.1	-1.18 - 0.5	1.2/20.9	66104
2003 KN ₅	2009 12 20.8	05 55.67 +06 10.9 21.4	-0.92 + 1.2	5.1/21.1	59700
2005 VS ₁₃₅	2009 12 20.8	05 55.68 +21 16.7 20.3	-1.11 - 2.2	0.8/20.8	66231
2005 QO ₁₆₅	2009 12 20.8	05 55.70 +30 00.5 20.4	-1.27 + 1.9	2.5/20.8	66206
2005 SN ₁₀₄	2009 12 20.8	05 55.71 +19 28.6 18.8	-1.06 + 0.4	1.9/20.9	66211
2004 TH ₂₇₂	2009 12 20.8	05 55.73 +30 17.3 20.0	-1.07 0.0	2.6/20.9	66187
2005 BR ₁₁	2009 12 20.8	05 55.73 +09 16.9 20.4	-0.84 + 2.1	4.0/21.1	86623
2000 YY ₁₀₈	2009 12 20.8	05 55.74 +18 12.6 19.3	-1.06 + 5.5	1.9/21.2	02024

2007 JZ	2009 12 20.8	05 55.75 +41 17.9	20.9 -1.13 + 3.7	4.7/20.4	55327
2000 WS ₁₀₃	2009 12 20.8	05 55.76 +14 53.4	19.4 -0.99 - 0.3	3.4/20.9	17926
2001 XL ₄₃	2009 12 20.9	05 55.70 +36 23.6	18.7 -1.21 + 8.4	6.3/19.8	66118
2000 AY ₂₁₂	2009 12 20.9	05 55.70 +22 13.6	19.1 -0.99 + 4.4	0.4/21.0	66090
2001 HY ₆₃	2009 12 20.9	05 55.72 +35 54.7	20.6 -1.01 + 1.5	3.5/20.8	59662
2007 EG ₁₀₈	2009 12 20.9	05 55.75 +41 16.3	20.3 -1.39 + 2.0	7.0/20.5	21362
2002 EU ₁₅₅	2009 12 20.9	05 55.78 +30 47.8	19.6 -1.09 + 0.4	3.2/20.9	66130
2002 NP ₆₂	2009 12 20.9	05 55.79 +17 57.0	20.6 -0.88 + 2.1	1.5/21.0	66133
2008 FO ₆	2009 12 20.9	05 55.79 +52 57.7	19.3 -2.16 + 9.5	14.0/18.5	66315
2001 PS ₅₇	2009 12 20.9	05 55.82 +12 42.2	20.8 -1.07 + 1.3	3.7/21.1	16156
2003 UM ₃₂₀	2009 12 20.9	05 55.82 +26 38.7	20.0 -0.95 - 2.0	1.0/21.0	66164
2001 RR ₁₂₁	2009 12 20.9	05 55.82 +21 52.8	20.3 -1.13 + 0.7	0.6/20.9	17945
2002 QV ₂₃	2009 12 20.9	05 55.86 +20 58.9	21.2 -0.86 + 0.2	0.7/20.9	47224
1999 TJ ₁₅₀	2009 12 20.9	05 55.88 +16 40.1	20.7 -1.23 - 0.2	2.9/20.9	40084
2002 QW ₅₁	2009 12 20.9	05 55.90 +13 49.8	21.1 -0.84 + 0.7	2.7/21.0	47224
2002 CV ₇₉	2009 12 20.9	05 55.91 -08 56.9	21.5 -1.00 + 2.6	9.8/21.0	74138
2007 HJ ₄₅	2009 12 20.9	05 55.96 +05 34.8	21.4 -0.92 - 2.0	5.6/20.5	57126
2000 TO ₂₃	2009 12 20.9	05 55.97 +40 51.6	21.0 -1.26 + 1.0	5.7/20.9	66097
2006 AE ₅₅	2009 12 20.9	05 56.01 +09 15.5	20.7 -1.02 + 4.7	5.9/21.5	56039
2006 DQ ₁₃₂	2009 12 20.9	05 56.03 +39 16.6	20.6 -1.10 + 0.2	4.9/21.1	48996
2005 SU ₁₇₀	2009 12 20.9	05 56.04 +26 57.8	21.4 -1.22 - 0.7	1.3/21.0	48977
2004 RV ₂₃₀	2009 12 20.9	05 56.05 +19 18.0	21.2 -1.02 - 0.4	1.5/20.9	73155
2008 RY ₄₁	2009 12 20.9	05 56.05 +10 06.9	21.2 -0.85 0.0	3.9/21.0	50174
2006 BN ₉	2009 12 20.9	05 56.05 +17 31.3	19.9 -1.01 + 0.4	2.5/21.0	66249
2003 RQ ₂₂	2009 12 20.9	05 56.05 +15 41.3	18.5 -0.94 - 4.9	2.9/20.6	66155
2006 AP ₄₂	2009 12 20.9	05 56.08 +19 58.9	20.7 -1.03 - 0.3	1.4/20.9	58523
2002 QU ₈₈	2009 12 20.9	05 56.09 +09 17.1	19.9 -0.84 + 0.7	4.5/21.0	47225
2005 LN ₃₈	2009 12 20.9	05 56.11 +15 10.6	20.5 -1.21 + 0.1	3.6/21.0	56023
2008 RG ₇₈	2009 12 20.9	05 56.16 +01 18.5	20.0 -0.93 + 0.6	7.9/21.1	54214
2001 RS ₉₈	2009 12 20.9	05 56.18 -20 13.7	19.8 -1.22 + 6.8	21.2/26.5	58411
2001 SJ ₂₅₁	2009 12 20.9	05 56.20 +34 00.7	20.0 -1.24 + 0.9	4.0/21.0	41770
2004 RQ ₂₀	2009 12 21.0	05 56.12 +22 38.8	20.7 -1.06 - 0.4	0.3/21.0	57405
2005 YM ₁₇₄	2009 12 21.0	05 56.13 +31 53.6	19.1 -1.16 + 3.2	3.6/20.7	66244
2001 QK ₁₆₇	2009 12 21.0	05 56.19 +24 36.2	20.2 -1.18 + 3.1	0.5/21.0	66103
2002 CA ₂₅₃	2009 12 21.0	05 56.20 +19 26.3	19.3 -0.99 - 1.7	1.9/20.9	66128
2005 QK ₇₄	2009 12 21.0	05 56.20 +36 48.4	20.0 -1.34 - 0.9	5.6/21.3	18117
2008 SO ₂₅₅	2009 12 21.0	05 56.24 +21 12.0	20.9 -0.88 - 0.8	0.6/21.0	50350
2005 BH ₂₈	2009 12 21.0	05 56.25 -07 45.2	20.1 -0.79 + 1.5	8.6/21.3	26725
2005 QX ₆₇	2009 12 21.0	05 56.28 +29 41.6	18.9 -1.25 + 3.1	3.0/20.9	66204
2002 AA ₁₃₃	2009 12 21.0	05 56.31 +24 17.1	19.5 -1.08 + 1.4	0.3/21.0	47197
2004 SA ₅₁	2009 12 21.0	05 56.31 +19 49.9	20.9 -1.01 - 0.5	1.2/21.0	48943
2008 RA ₁₃₀	2009 12 21.0	05 56.32 +44 00.5	21.7 -1.14 - 1.3	5.7/21.7	66325
2005 BN ₃₅	2009 12 21.0	05 56.34 +24 50.6	20.3 -0.95 - 1.3	0.5/21.1	58489
2004 RN ₂₀₈	2009 12 21.0	05 56.38 +20 17.1	19.3 -1.07 - 4.7	1.1/20.9	65397
2008 SC ₂	2009 12 21.0	05 56.39 +28 17.5	20.0 -1.00 + 1.5	1.6/21.0	58614
2008 SA ₁₀₉	2009 12 21.0	05 56.40 +27 27.6	21.5 -1.09 - 0.9	1.4/21.1	46804
2005 TX ₁₆₉	2009 12 21.0	05 56.41 +24 21.1	19.2 -1.20 - 1.8	0.4/21.1	65456
2008 SG ₂₈₇	2009 12 21.0	05 56.44 +35 02.7	19.4 -0.85 - 0.7	3.1/21.2	65615
2008 TF ₇₉	2009 12 21.0	05 56.45 +12 56.1	21.2 -0.90 - 0.1	3.1/21.0	46951
2005 QQ ₇₈	2009 12 21.0	05 56.49 +23 45.8	19.3 -1.18 - 0.7	0.2/21.1	90232
2003 VR ₇	2009 12 21.0	05 56.50 +21 33.1	19.8 -0.92 0.0	0.6/21.1	66164

2006 DP ₁₈₅	2009 12 21.0	05 56.54 +27 41.0	19.9 -0.99 + 1.3	1.5/21.0	66257
2006 CD ₂₅	2009 12 21.0	05 56.56 +07 43.2	19.9 -0.97 + 4.8	6.0/21.9	20491
2007 LQ ₃₄	2009 12 21.0	05 56.57 +02 23.6	21.8 -0.86 - 0.1	6.3/21.1	55331
2003 QR ₂	2009 12 21.0	05 56.59 +25 17.7	19.5 -0.99 - 1.9	0.7/21.1	66153
2003 JN ₈	2009 12 21.0	05 56.59 +31 15.2	19.6 -1.20 + 5.3	2.8/20.7	66152
2002 RY ₁₅₆	2009 12 21.0	05 56.59 +10 07.6	20.1 -0.82 - 0.2	4.0/21.0	47229
2002 AC ₇₃	2009 12 21.0	05 56.62 +19 21.2	18.7 -1.09 + 7.8	1.8/21.4	00131
2002 RE ₂₆₈	2009 12 21.0	05 56.64 +11 34.6	21.6 -1.16 + 1.0	4.6/21.2	40676
2002 CN ₂₈₉	2009 12 21.0	05 56.65 +44 47.1	19.3 -1.35 - 0.4	8.8/21.6	66128
2000 SE ₁₃₀	2009 12 21.1	05 56.56 +22 52.6	19.5 -1.09 - 4.2	0.2/21.1	59657
2001 QD ₂₂₇	2009 12 21.1	05 56.59 +23 13.0	18.3 -1.13 - 4.4	0.1/21.1	66104
2000 SB ₁₉₂	2009 12 21.1	05 56.59 +34 01.2	19.4 -1.16 - 0.5	4.1/21.2	47151
2005 TM ₁₂₉	2009 12 21.1	05 56.61 +27 43.2	20.0 -1.21 + 0.8	1.8/21.1	47354
2007 EF ₁₅₀	2009 12 21.1	05 56.63 +12 29.9	20.4 -1.05 + 1.9	4.4/21.3	19431
2004 TP ₁₂	2009 12 21.1	05 56.64 -11 11.2	20.2 -1.40 - 9.4	16.6/18.2	00794
2008 UT ₁₈₉	2009 12 21.1	05 56.66 +09 29.8	20.7 -0.83 - 0.4	4.1/21.0	50574
2005 XW ₁₁₆	2009 12 21.1	05 56.67 +22 39.2	19.4 -1.09 + 2.9	0.3/21.1	66239
2007 LQ ₁	2009 12 21.1	05 56.70 +24 32.6	20.6 -0.93 + 3.3	0.3/21.1	66286
2003 DQ ₂	2009 12 21.1	05 56.73 +16 39.4	20.3 -1.09 + 0.8	2.8/21.2	43168
2006 BL ₉₀	2009 12 21.1	05 56.77 +15 28.0	20.5 -0.96 + 1.9	3.0/21.3	47379
2004 TD ₃₅₁	2009 12 21.1	05 56.77 +26 05.3	19.4 -1.03 + 1.5	1.0/21.1	66188
2001 VQ ₇₂	2009 12 21.1	05 56.77 +16 03.9	20.6 -1.03 - 2.7	3.5/20.9	66114
2000 KE ₇₄	2009 12 21.1	05 56.79 +17 51.1	20.8 -1.09 + 1.1	2.0/21.2	47146
2006 DU ₂₀₇	2009 12 21.1	05 56.79 +44 38.7	21.3 -1.08 - 0.3	5.4/21.3	66257
1996 DB ₅	2009 12 21.1	05 56.79 +27 28.3	19.1 -1.16 - 0.4	2.0/21.2	66083
2005 SV ₁₁₂	2009 12 21.1	05 56.81 +31 17.8	20.0 -1.26 - 1.4	3.2/21.3	18126
2007 ER ₁₇₈	2009 12 21.1	05 56.81 +15 26.4	20.8 -1.04 - 1.2	2.9/21.0	47424
2008 SB ₁₆₁	2009 12 21.1	05 56.82 +38 35.4	21.3 -1.04 + 0.1	4.3/21.3	50303
2008 TC ₃₀	2009 12 21.1	05 56.85 +24 52.0	21.3 -0.91 0.0	0.4/21.2	50389
2000 VH ₂₂	2009 12 21.1	05 56.85 +18 50.8	19.3 -1.02 - 1.9	1.9/21.1	66098
2006 GQ ₃₄	2009 12 21.1	05 56.86 +45 30.8	20.0 -1.14 + 2.3	6.0/20.7	66259
2003 SM ₆₀	2009 12 21.1	05 56.87 +36 49.7	19.2 -1.09 - 1.3	4.8/21.5	48897
2004 RS ₂₀₈	2009 12 21.1	05 56.88 +21 44.0	21.1 -1.06 - 2.1	0.5/21.1	57406
2005 TE ₁₁₂	2009 12 21.1	05 56.89 +27 05.6	19.8 -1.21 - 0.7	1.6/21.2	43235
2004 PB ₅	2009 12 21.1	05 56.91 +00 58.3	19.7 -0.97 + 1.8	8.3/21.8	47296
2007 GF ₈	2009 12 21.1	05 56.94 +16 15.0	21.4 -1.08 - 0.7	2.8/21.1	41870
2005 SH ₂₂₆	2009 12 21.1	05 56.96 +14 15.3	20.7 -1.12 - 0.8	3.6/21.1	41827
2005 SZ ₁₉₁	2009 12 21.1	05 56.97 +21 51.9	20.1 -1.12 - 0.1	0.7/21.2	97835
2006 CL ₁₉	2009 12 21.1	05 57.01 +26 58.1	19.5 -1.06 - 1.9	1.3/21.3	66254
2004 RO ₃₄₀	2009 12 21.1	05 57.04 +21 07.4	18.6 -1.08 - 6.3	0.9/21.0	66181
2001 TL ₁₈₃	2009 12 21.1	05 57.06 +35 30.1	20.8 -1.27 + 0.4	4.5/21.2	19067
2007 EH ₁₂	2009 12 21.1	05 57.06 +27 12.1	20.5 -1.24 + 0.5	1.5/21.2	66273
2002 CE ₂₈₈	2009 12 21.1	05 57.07 -01 19.8	19.0 -0.94 + 2.4	9.2/22.3	19572
2008 RS ₂₉	2009 12 21.1	05 57.08 +27 06.7	20.5 -0.94 - 0.2	1.1/21.2	49039
2003 SN ₃₃₂	2009 12 21.2	05 57.01 +10 58.3	20.2 -0.89 + 1.5	4.1/21.5	47265
2006 HV ₁₁₉	2009 12 21.2	05 57.05 +20 21.0	20.6 -0.86 + 0.9	0.9/21.2	46474
2005 SJ ₂₄₄	2009 12 21.2	05 57.06 +28 24.9	20.3 -1.11 - 0.3	2.5/21.3	66214
2005 SS ₂₇₀	2009 12 21.2	05 57.07 +33 51.7	19.8 -1.30 + 2.9	4.6/21.0	97845
2008 SJ ₁₈₈	2009 12 21.2	05 57.09 +06 11.5	21.9 -0.79 - 1.3	4.4/21.0	48631
2008 ST ₃₄	2009 12 21.2	05 57.09 +17 10.6	21.1 -0.84 - 0.3	1.8/21.2	46737
2005 LW ₄₃	2009 12 21.2	05 57.10 +22 01.1	20.0 -1.28 - 1.5	0.6/21.2	66198

2002 AW ₅₅	2009 12 21.2	05 57.15 +27 50.3 20.0	-1.11 - 2.2	1.7/21.3	66123
2008 TL ₈₇	2009 12 21.2	05 57.16 +24 33.8 20.7	-0.89 + 0.8	0.3/21.2	66332
2007 EJ ₁₀₄	2009 12 21.2	05 57.16 +40 47.5 21.9	-1.21 - 0.2	5.2/21.4	47423
2008 PA ₂₀	2009 12 21.2	05 57.17 +28 10.2 22.5	-1.07 - 0.5	1.5/21.3	58152
2002 GR ₈₉	2009 12 21.2	05 57.20 +32 20.2 21.0	-1.09 + 0.5	3.0/21.2	48229
2005 YC ₃₇	2009 12 21.2	05 57.21 +22 41.8 19.3	-1.08 + 2.1	0.3/21.3	66240
2003 UX ₁₉₀	2009 12 21.2	05 57.24 +17 51.0 20.1	-0.90 + 0.6	2.0/21.3	66162
2003 WH ₁₆₁	2009 12 21.2	05 57.25 +24 09.6 20.0	-0.92 + 1.0	0.2/21.2	66165
1997 HS ₉	2009 12 21.2	05 57.26 +30 47.8 21.1	-1.24 + 1.7	2.7/21.1	43093
2007 HJ ₆	2009 12 21.2	05 57.27 +27 15.8 20.5	-1.19 + 1.0	1.5/21.2	59794
2002 VT ₃₆	2009 12 21.2	05 57.27 +28 26.4 17.8	-1.18 + 7.6	2.6/20.9	66143
2001 FJ ₁₂₂	2009 12 21.2	05 57.28 +05 50.0 18.8	-0.88 - 0.3	7.1/21.1	47166
2007 HN ₈₆	2009 12 21.2	05 57.29 +24 01.3 19.9	-1.03 + 1.8	0.2/21.2	66285
2005 UH ₄₈₂	2009 12 21.2	05 57.33 +12 27.4 20.3	-1.11 - 2.6	5.2/21.1	97957
2000 SO ₃₀	2009 12 21.2	05 57.36 +47 02.5 18.7	-1.29 - 0.8	11.0/21.8	66095
2002 CK ₂₅₆	2009 12 21.2	05 57.40 +23 04.3 19.7	-1.05 + 1.5	0.1/21.3	66128
2006 ER ₁₀	2009 12 21.2	05 57.40 +24 58.6 21.0	-0.91 + 0.4	0.4/21.3	48998
1999 VP ₁₄₂	2009 12 21.2	05 57.40 +23 28.6 21.1	-1.25 + 1.8	0.0/21.3	39702
2008 QH ₁₉	2009 12 21.2	05 57.42 +11 17.7 22.1	-0.93 + 0.1	3.6/21.3	46620
2002 PH ₁₇₃	2009 12 21.2	05 57.43 +17 06.4 21.0	-0.85 - 0.2	1.8/21.3	66135
2006 KD ₇₆	2009 12 21.2	05 57.44 +14 58.5 21.4	-0.80 + 2.5	2.0/21.5	01826
2004 EU ₇₆	2009 12 21.2	05 57.45 +31 05.6 21.1	-1.28 + 0.1	2.8/21.3	62387
2005 CP ₆	2009 12 21.2	05 57.48 -16 36.0 19.0	-1.25 +14.0	20.1/29.0	38038
2007 GM ₆₀	2009 12 21.2	05 57.49 +39 55.6 20.4	-1.35 + 3.6	7.8/20.6	20619
2002 TQ ₁₇₄	2009 12 21.2	05 57.50 +11 28.2 19.7	-1.13 + 3.3	5.5/21.7	40108
2004 TA ₆₆	2009 12 21.2	05 57.52 +28 33.6 20.1	-1.08 + 1.9	2.0/21.2	66184
2001 SG ₁₄₇	2009 12 21.3	05 57.44 +24 39.7 19.6	-1.13 0.0	0.5/21.3	66107
2007 LU ₁₁	2009 12 21.3	05 57.47 +15 30.8 20.0	-0.98 - 2.1	2.7/21.1	66287
2003 QN ₇₀	2009 12 21.3	05 57.49 +50 49.8 20.3	-1.91 - 4.9	12.7/22.8	75904
2007 EP ₁₆₆	2009 12 21.3	05 57.50 +13 03.0 20.9	-0.92 + 1.6	2.9/21.5	47424
1999 TA ₂₂	2009 12 21.3	05 57.51 +17 14.8 20.2	-0.96 + 0.3	2.4/21.3	66088
2005 SC ₂₅₄	2009 12 21.3	05 57.57 +24 47.1 20.8	-1.22 - 0.9	0.6/21.3	95953
2004 WC ₈	2009 12 21.3	05 57.58 +19 07.8 19.5	-0.96 - 0.9	1.6/21.3	66190
2002 HW ₁₇	2009 12 21.3	05 57.58 -20 56.6 19.7	-0.92 + 1.3	16.2/20.9	49832
2002 NV ₃₇	2009 12 21.3	05 57.59 +26 33.6 20.4	-0.92 - 2.0	0.9/21.4	66133
2002 CP ₃₀₄	2009 12 21.3	05 57.60 +03 56.1 19.4	-0.98 - 1.3	7.9/20.8	47205
2000 WW ₁	2009 12 21.3	05 57.60 +27 26.6 19.2	-1.08 + 3.4	1.5/21.2	66098
2006 BS ₁₄₂	2009 12 21.3	05 57.61 +16 51.7 19.9	-0.95 + 1.0	2.4/21.4	53471
2001 SY ₃₀₁	2009 12 21.3	05 57.62 +25 05.1 21.3	-1.16 - 0.6	0.6/21.3	94114
2003 UB ₆₅	2009 12 21.3	05 57.64 +14 58.4 18.8	-0.90 + 2.8	2.8/21.6	43186
2004 RG ₁₆₂	2009 12 21.3	05 57.69 +32 29.6 19.0	-1.16 - 4.1	3.4/21.8	62398
2000 DE ₁₀₂	2009 12 21.3	05 57.72 +20 55.8 19.8	-1.16 + 1.6	1.0/21.4	66092
2004 RL ₇₈	2009 12 21.3	05 57.73 +29 38.4 19.2	-1.11 + 1.7	2.4/21.3	66177
2006 CG ₂₁	2009 12 21.3	05 57.73 +36 07.1 19.8	-1.21 + 4.6	4.4/20.7	43258
2008 QP ₂₈	2009 12 21.3	05 57.75 +27 25.0 21.1	-1.14 + 0.2	1.4/21.4	46626
2007 CZ ₂₀	2009 12 21.3	05 57.77 +16 07.0 21.7	-1.12 + 1.0	2.6/21.4	40451
2004 GZ ₁₃	2009 12 21.3	05 57.78 +14 25.4 20.0	-1.14 + 2.1	3.8/21.5	41805
2008 RV ₃₃	2009 12 21.3	05 57.79 +18 46.8 20.1	-0.96 - 0.7	1.6/21.3	66323
2005 TU ₉₈	2009 12 21.3	05 57.85 +17 38.4 19.4	-1.18 - 0.9	2.6/21.3	40146
2000 LJ ₃₃	2009 12 21.3	05 57.86 +22 21.7 21.4	-1.13 + 1.0	0.4/21.4	47146
2002 VF ₃₉	2009 12 21.3	05 57.86 +27 40.3 19.4	-1.35 + 5.3	2.0/21.2	50708

2004 LT ₁₁	2009 12 21.3	05 57.87 +21 21.7 19.3	-1.14 - 3.4	0.8/21.3	66173
2002 RL ₂₄₀	2009 12 21.3	05 57.87 +09 13.5 21.7	-0.81 + 1.0	3.6/21.5	47230
2003 UO ₅₇	2009 12 21.3	05 57.91 +14 10.1 20.1	-0.89 - 1.5	2.9/21.2	48522
2007 ED ₂₂₂	2009 12 21.3	05 57.93 +23 25.3 19.6	-1.03 + 1.2	0.0/21.4	66278
2004 RR ₂₇	2009 12 21.3	05 57.95 +39 47.3 19.8	-1.26 - 1.8	6.3/21.8	48934
2005 RA ₆	2009 12 21.3	05 57.97 +19 08.8 21.6	-1.18 + 0.5	1.6/21.4	38890
2005 SP ₁₉₇	2009 12 21.3	05 57.97 +30 00.7 20.2	-1.21 + 0.6	3.0/21.4	33462
2001 QQ ₃₂₉	2009 12 21.4	05 57.90 +12 04.7 19.9	-1.07 + 2.0	4.5/21.7	16161
2006 KC ₆₃	2009 12 21.4	05 57.96 +11 57.6 19.2	-0.85 + 2.2	3.7/21.7	43269
2004 ES ₉₃	2009 12 21.4	05 57.97 +13 28.6 21.0	-1.18 + 1.0	4.3/21.4	60800
2005 ED ₁₇₄	2009 12 21.4	05 58.00 -03 39.8 20.8	-0.81 - 1.2	9.5/20.7	77841
2005 QN ₅₆	2009 12 21.4	05 58.03 +30 49.1 21.1	-1.31 - 0.1	2.8/21.5	66204
2001 TL ₁₀₃	2009 12 21.4	05 58.05 -12 19.0 20.2	-1.19 -11.5	19.0/16.3	38830
2004 QW ₂	2009 12 21.4	05 58.05 +24 48.0 21.4	-1.11 + 0.3	0.5/21.4	48933
2007 FU ₂₆	2009 12 21.4	05 58.07 +28 17.2 20.8	-1.12 - 0.1	1.8/21.5	65556
2003 UJ ₃₈₉	2009 12 21.4	05 58.07 +14 02.3 20.6	-0.88 - 1.3	3.3/21.3	46094
2005 YV ₁₄	2009 12 21.4	05 58.08 +10 19.9 20.4	-1.04 + 7.0	4.9/22.3	26112
2007 BB ₄₇	2009 12 21.4	05 58.10 +08 53.4 20.8	-1.06 + 2.6	4.9/21.8	19331
2005 EN ₁₈₉	2009 12 21.4	05 58.11 +27 33.6 19.2	-0.98 - 2.1	1.4/21.5	66197
2001 QL ₁₉₇	2009 12 21.4	05 58.11 +17 12.7 18.9	-1.14 - 5.8	2.5/21.1	66104
2005 YL ₁₁₆	2009 12 21.4	05 58.13 +19 10.0 19.7	-1.04 + 4.3	1.6/21.6	41837
2005 UF ₃₄₄	2009 12 21.4	05 58.13 +27 54.9 21.5	-1.22 - 0.5	1.6/21.5	96276
2001 SE ₂₆₀	2009 12 21.4	05 58.15 +23 54.8 21.0	-1.17 0.0	0.2/21.4	94106
2002 VN ₇₂	2009 12 21.4	05 58.15 +13 03.2 20.1	-1.12 - 1.2	4.7/21.4	14682
2003 SF ₂₁₄	2009 12 21.4	05 58.16 +33 30.8 19.4	-1.02 + 2.9	3.5/21.1	66157
2005 UT ₂₇₈	2009 12 21.4	05 58.18 +17 53.6 21.4	-1.13 - 0.5	2.0/21.4	55197
2001 FR ₉₂	2009 12 21.4	05 58.19 +44 49.1 18.9	-1.25 + 2.7	7.6/20.8	47165
2002 CF ₁₈	2009 12 21.4	05 58.20 +34 33.3 20.3	-1.17 + 1.1	3.9/21.3	60303
2005 UB ₄₀₉	2009 12 21.4	05 58.25 +19 48.7 21.0	-1.15 + 0.3	1.4/21.5	19229
2002 CD ₁₄₄	2009 12 21.4	05 58.26 -02 46.9 17.9	-0.77 + 4.4	13.9/23.3	60759
2003 SU ₃₂₇	2009 12 21.4	05 58.27 +14 58.9 21.0	-0.91 - 0.2	2.7/21.5	46057
2003 YW ₁₀₃	2009 12 21.4	05 58.28 +27 37.6 19.2	-0.97 + 3.6	1.3/21.3	65382
2002 CM ₂₉	2009 12 21.4	05 58.28 +30 36.9 18.6	-0.97 + 2.5	3.9/21.3	66126
2003 UL ₂₀₈	2009 12 21.4	05 58.28 +20 28.5 18.5	-0.90 + 0.4	1.2/21.5	60790
2006 DC ₃₆	2009 12 21.4	05 58.34 +20 48.7 20.9	-0.92 0.0	0.8/21.5	47391
2005 GX ₃₁	2009 12 21.4	05 58.34 -21 25.6 19.3	-1.06 - 3.5	23.4/18.4	57417
2000 WW ₃₇	2009 12 21.4	05 58.36 +08 34.0 19.7	-1.00 - 2.5	5.4/21.2	68827
2000 RC ₈	2009 12 21.4	05 58.36 +68 24.2 19.5	-2.55 - 8.3	17.0/29.4	97389
2008 SP ₂₈₂	2009 12 21.4	05 58.40 +05 03.8 21.1	-0.79 - 1.6	4.7/21.1	66329
2002 PQ ₁₅₃	2009 12 21.5	05 58.36 +20 01.4 20.1	-1.23 + 1.8	1.5/21.6	40106
2003 SV ₂₇₉	2009 12 21.5	05 58.37 +21 26.1 20.4	-0.97 - 1.8	0.6/21.5	66158
2000 WW ₂₃	2009 12 21.5	05 58.40 +36 21.9 19.7	-1.22 + 4.1	4.9/21.0	59660
2000 GQ ₉	2009 12 21.5	05 58.44 +26 59.2 20.3	-1.20 + 0.5	1.3/21.5	66092
2008 JA ₃₂	2009 12 21.5	05 58.46 +24 46.4 19.5	-1.23 + 1.7	0.6/21.5	55495
2002 NN ₆₆	2009 12 21.5	05 58.48 +23 52.4 20.6	-1.28 + 0.4	0.2/21.5	39169
2008 RY ₁₁₃	2009 12 21.5	05 58.48 +25 27.0 21.3	-1.05 - 0.3	0.7/21.5	46702
2005 YF ₁₈₆	2009 12 21.5	05 58.49 +17 30.6 19.0	-1.03 - 6.1	2.6/21.2	66244
2003 FZ ₁₀₇	2009 12 21.5	05 58.50 +20 06.2 20.5	-1.02 + 1.0	1.1/21.6	43170
2005 PL ₄	2009 12 21.5	05 58.51 +30 26.9 19.5	-1.33 + 3.0	3.1/21.4	66202
2000 CC ₇₃	2009 12 21.5	05 58.53 -05 44.7 19.8	-1.11 + 5.9	11.8/23.0	59653
2008 SD ₁₅₉	2009 12 21.5	05 58.55 +31 36.3 20.3	-0.97 - 0.3	2.4/21.6	59813

2008 RC ₁₁	2009 12 21.5	05 58.56 +06 01.5	21.1	-0.95	+	0.8	5.4/21.7	56132
2006 AH ₈₃	2009 12 21.5	05 58.59 +38 05.1	19.4	-1.25	-	3.2	5.4/22.0	02270
2002 PG ₂₀	2009 12 21.5	05 58.60 +28 41.4	20.0	-0.96	-	2.3	1.6/21.7	66134
2004 RF ₂₁₁	2009 12 21.5	05 58.64 +17 31.5	20.8	-1.03	-	2.3	1.9/21.4	60810
2003 WC ₁₁₅	2009 12 21.5	05 58.65 +33 05.9	18.9	-1.00	+	0.6	3.3/21.5	47280
2005 AF ₅₀	2009 12 21.5	05 58.70 +22 31.3	19.0	-0.94	-	2.5	0.3/21.5	66194
2008 RC ₁₀	2009 12 21.5	05 58.70 +25 11.7	19.6	-0.93	+	0.5	0.6/21.6	50161
2005 UQ ₄₈	2009 12 21.5	05 58.70 +26 30.0	20.0	-1.16	-	1.0	1.3/21.6	66219
2007 EF ₁₆₉	2009 12 21.5	05 58.71 +26 55.9	20.7	-1.20	+	1.2	1.5/21.5	66277
2002 CU ₂₅₅	2009 12 21.5	05 58.72 +24 13.8	18.1	-0.97	-	2.4	0.4/21.6	66128
2005 GN ₁₅	2009 12 21.5	05 58.72 -16 18.3	21.4	-1.16	-	1.6	17.4/20.7	77054
2002 QJ ₅₂	2009 12 21.5	05 58.75 +37 16.4	20.0	-1.03	-	0.7	4.1/21.7	58434
2003 WE ₁₂	2009 12 21.5	05 58.75 +44 54.7	19.6	-1.18	+	3.0	6.6/21.0	58047
2003 UU ₁₄₇	2009 12 21.5	05 58.81 +22 11.8	19.6	-0.93	+	2.2	0.4/21.6	66162
2004 QC ₉	2009 12 21.5	05 58.83 +33 11.9	19.3	-1.18	+	0.2	3.5/21.7	66176
2005 UG ₁₂₃	2009 12 21.5	05 58.85 +28 25.5	20.6	-1.20	+	0.8	1.9/21.6	41830
2001 UW ₉₇	2009 12 21.6	05 58.78 +20 08.6	19.9	-1.13	-	0.1	1.4/21.6	66112
2000 TZ ₃₄	2009 12 21.6	05 58.78 +27 52.3	20.4	-1.11	+	0.9	1.8/21.6	99989
1999 VT ₁₅₂	2009 12 21.6	05 58.83 +27 06.9	20.7	-1.02	+	2.4	1.3/21.5	72027
2004 RK ₃₃₈	2009 12 21.6	05 58.83 +31 12.8	21.2	-1.11	+	0.6	2.8/21.6	73197
2007 JY ₈	2009 12 21.6	05 58.85 +28 10.8	19.5	-1.06	+	1.9	1.8/21.5	66285
2006 CQ ₂₁	2009 12 21.6	05 58.85 +34 08.1	18.7	-1.30	+	7.7	4.3/20.7	66254
2005 SL ₁₁₂	2009 12 21.6	05 58.90 +30 07.7	19.9	-1.26	-	2.2	2.6/21.8	58510
2004 XN ₈₆	2009 12 21.6	05 58.90 +13 51.3	18.6	-0.97	+	7.1	3.6/22.4	43225
2006 AR ₈₄	2009 12 21.6	05 58.93 +36 23.8	19.2	-1.15	-	0.2	5.8/21.7	66248
2005 UF ₁₈₂	2009 12 21.6	05 58.95 +25 10.1	20.4	-1.14	+	0.6	0.7/21.6	47356
2005 YW ₂₀₃	2009 12 21.6	05 58.96 +21 46.5	19.9	-1.03	+	0.4	0.6/21.6	66245
2006 FO ₅₃	2009 12 21.6	05 58.96 +16 59.8	20.9	-0.83	-	0.5	1.8/21.6	49001
2005 XM ₁₀₃	2009 12 21.6	05 58.96 +15 14.3	19.8	-1.03	+	4.1	3.1/22.0	98030
2005 UR ₁₈₂	2009 12 21.6	05 59.00 +20 00.7	20.8	-1.12	-	0.9	1.5/21.6	96194
2007 JZ ₂₆	2009 12 21.6	05 59.04 +10 49.5	20.0	-0.98	-	1.7	4.9/21.4	57127
2006 DD ₁₉₁	2009 12 21.6	05 59.04 +24 33.7	21.0	-0.98	+	0.9	0.4/21.6	47397
2008 NV ₁	2009 12 21.6	05 59.08 +15 44.7	22.1	-0.97	-	0.7	2.3/21.6	43302
2005 YP ₁₂₁	2009 12 21.6	05 59.11 +23 29.9	19.0	-1.04	+	4.2	0.0/21.7	65499
2006 DD ₁₄₃	2009 12 21.6	05 59.12 +24 11.5	20.7	-0.98	+	1.0	0.3/21.7	47396
2002 FK ₂₅	2009 12 21.6	05 59.13 +18 45.6	20.1	-1.01	+	3.1	1.5/21.8	18005
2004 RY ₂₅₃	2009 12 21.6	05 59.13 +25 19.3	19.0	-1.11	+	4.6	0.8/21.6	65399
2005 SV ₂₆₈	2009 12 21.6	05 59.15 +24 45.4	19.5	-1.19	+	2.3	0.6/21.6	66214
2007 EH ₃₈	2009 12 21.6	05 59.15 +13 42.1	20.0	-1.04	-	0.2	3.6/21.6	49017
2007 DT ₈	2009 12 21.6	05 59.16 +23 29.4	20.2	-1.20	+	1.9	0.0/21.7	66270
2000 SA ₃₄₇	2009 12 21.6	05 59.18 +05 26.5	20.7	-0.99	+	2.7	5.9/22.4	19529
2008 SK ₃₃	2009 12 21.6	05 59.21 +16 36.3	20.8	-0.97	+	0.6	2.3/21.7	47484
2001 SO ₃₃₀	2009 12 21.6	05 59.22 +11 36.4	20.0	-1.04	+	0.5	5.3/21.8	17955
2007 KE ₃	2009 12 21.6	05 59.23 +21 10.1	20.6	-1.17	+	1.3	1.0/21.7	58567
2003 SU ₃₃₆	2009 12 21.6	05 59.24 +25 23.5	20.7	-0.95	+	2.4	0.6/21.6	66159
2008 TH ₈₅	2009 12 21.6	05 59.25 +11 52.7	20.1	-0.95	-	0.9	4.0/21.5	46955
2008 RU ₁₂₅	2009 12 21.7	05 59.23 +10 01.1	20.5	-0.85	-	0.7	4.3/21.6	58613
2005 SV ₂	2009 12 21.7	05 59.27 +22 45.3	19.2	-1.15	-	0.2	0.3/21.7	66208
2002 RR ₆₉	2009 12 21.7	05 59.27 +26 41.0	20.2	-1.28	+	0.2	1.4/21.7	66137
2002 PD ₁₁₀	2009 12 21.7	05 59.29 +18 40.4	19.8	-1.22	+	4.0	2.2/21.9	47221
2007 FH ₄₄	2009 12 21.7	05 59.29 +11 24.7	21.6	-0.96	+	2.5	3.7/22.0	24152

2005 YZ ₉₉	2009 12 21.7	05 59.30 +28 46.7	20.6	-1.13	-	1.7	2.0/21.8	47368
2004 GF ₄₉	2009 12 21.7	05 59.30 +17 17.8	20.3	-1.13	-	1.1	2.4/21.7	66171
1999 RB ₁₉	2009 12 21.7	05 59.31 +19 20.4	20.6	-1.28	-	1.4	1.6/21.7	35752
2005 OZ	2009 12 21.7	05 59.32 +32 45.1	21.5	-1.35	-	1.1	3.4/21.9	90218
2008 SP ₁₆₁	2009 12 21.7	05 59.34 +21 33.0	20.6	-0.88	+	0.2	0.5/21.7	52509
2005 SB ₁₁₂	2009 12 21.7	05 59.35 +19 26.8	19.0	-1.09	-	3.0	1.9/21.6	66211
2004 VX ₅₉	2009 12 21.7	05 59.35 +39 51.4	20.2	-1.21	+	2.0	5.1/21.5	47326
2007 HZ ₆₆	2009 12 21.7	05 59.35 +06 32.0	21.8	-0.84	-	0.7	4.9/21.7	47432
2005 QR ₁₁₉	2009 12 21.7	05 59.36 +35 41.6	20.1	-1.32	-	1.4	5.6/21.9	20383
2008 SV ₁₅₁	2009 12 21.7	05 59.37 +15 44.4	20.5	-0.95	-	1.6	2.3/21.6	50297
2004 RS ₁₀₃	2009 12 21.7	05 59.37 +29 49.0	20.7	-1.14	-	1.5	2.1/21.9	70422
2006 DK ₁₀₆	2009 12 21.7	05 59.40 +21 34.6	21.1	-0.91	+	0.2	0.6/21.7	46421
2005 SR ₄₅	2009 12 21.7	05 59.42 +29 59.5	19.9	-1.23	-	0.2	2.8/21.8	66209
2004 PT ₁₉	2009 12 21.7	05 59.47 +04 09.1	19.9	-0.95	+	1.8	7.1/22.3	18077
2005 YP ₁₀₄	2009 12 21.7	05 59.47 +22 45.2	20.5	-1.06	+	0.1	0.3/21.7	66242
2008 UP ₈	2009 12 21.7	05 59.49 +37 35.3	20.7	-1.07	-	0.4	4.5/21.8	50474
2007 EM ₈₂	2009 12 21.7	05 59.51 +30 02.5	21.4	-1.20	-	1.3	2.3/21.8	58565
2004 RO ₁₇₂	2009 12 21.7	05 59.52 +24 56.6	20.4	-1.08	-	1.8	0.5/21.8	66179
2002 JS ₆₈	2009 12 21.7	05 59.52 +38 21.1	19.1	-1.23	+	4.1	5.2/21.1	02102
2006 EV ₂₀	2009 12 21.7	05 59.53 +40 53.7	19.7	-1.23	-	2.0	7.1/22.2	47399
2003 SG ₁₅₈	2009 12 21.7	05 59.53 +51 17.2	20.4	-1.50	+	4.8	8.8/20.9	64208
2000 LY ₂₃	2009 12 21.7	05 59.56 +11 47.6	19.3	-1.04	-	3.5	3.8/21.4	40087
2007 EM ₃₉	2009 12 21.7	05 59.57 +32 03.1	21.2	-1.26	-	1.6	3.3/21.9	59790
2005 AK ₃₅	2009 12 21.7	05 59.59 +14 18.3	20.2	-0.91	+	2.0	3.2/22.0	95636
2009 WT ₃₄	2009 12 21.7	05 59.63 +26 34.2	19.5	-1.06	+	3.2	1.4/21.7	66013
2004 RX ₂₂₆	2009 12 21.7	05 59.64 +40 56.2	20.3	-1.25	+	0.7	5.9/21.8	66180
2006 DG ₆₉	2009 12 21.7	05 59.66 +08 56.7	20.6	-0.86	+	0.9	4.5/22.0	58525
2006 BH ₁₁₀	2009 12 21.7	05 59.67 +25 40.9	19.9	-1.04	+	0.9	0.8/21.8	66251
2004 RT ₁₆₂	2009 12 21.7	05 59.68 +29 13.7	19.7	-1.14	-	3.5	1.9/22.0	40688
2000 EA ₅	2009 12 21.7	05 59.75 +34 46.2	19.6	-1.03	-	1.3	3.7/22.0	47143
2000 GS ₅₂	2009 12 21.8	05 59.69 +18 59.3	22.1	-1.09	-	0.3	1.5/21.8	19522
2001 QX ₇₂	2009 12 21.8	05 59.72 +20 11.2	20.6	-1.13	+	0.1	1.2/21.8	16157
2005 SK ₂₅₅	2009 12 21.8	05 59.73 +28 41.8	19.4	-1.21	-	1.6	2.4/21.9	66214
2003 FQ ₁₀₇	2009 12 21.8	05 59.74 +16 05.5	19.8	-1.06	+	1.0	2.7/21.9	59697
2008 SN ₁₇₈	2009 12 21.8	05 59.75 +22 50.7	21.1	-0.89	+	0.2	0.2/21.8	56135
2002 GV ₁₆	2009 12 21.8	05 59.75 +26 31.5	19.9	-1.01	+	1.0	1.0/21.8	66131
2001 KB ₄₄	2009 12 21.8	05 59.80 +13 55.3	19.2	-0.99	+	2.6	3.5/22.0	58408
2002 PX ₁₇₆	2009 12 21.8	05 59.81 -06 19.0	20.0	-0.83	+	3.8	9.4/23.6	47223
2008 SM ₁₀₇	2009 12 21.8	05 59.81 +26 12.0	21.1	-0.89	-	1.0	0.8/21.9	50271
2004 RF ₄₂	2009 12 21.8	05 59.83 +22 47.3	19.8	-1.01	+	0.4	0.3/21.8	60807
2004 XM ₇₂	2009 12 21.8	05 59.86 +16 27.2	20.4	-0.94	+	0.4	2.6/21.9	46254
2007 CE ₁₆	2009 12 21.8	05 59.88 +16 47.7	20.9	-1.11	+	1.7	2.4/22.0	60516
2008 TT ₆₂	2009 12 21.8	05 59.89 +33 54.3	20.2	-0.93	+	0.8	2.9/21.8	49081
2003 SX ₁₉₁	2009 12 21.8	05 59.89 +23 00.8	19.2	-0.94	-	2.1	0.1/21.8	66157
2008 OG ₂₀	2009 12 21.8	05 59.90 +44 13.5	20.8	-1.42	-	2.0	7.6/22.3	46592
2005 VZ ₄₉	2009 12 21.8	05 59.94 +29 14.1	19.5	-1.19	-	1.3	2.5/21.9	66230
2007 DK ₅₈	2009 12 21.8	05 59.94 +26 35.5	20.6	-1.17	-	0.4	1.2/21.9	59788
2002 GF ₁₅₃	2009 12 21.8	05 59.99 +20 38.4	19.9	-1.01	+	3.0	1.0/21.9	00246
2004 RW ₅₄	2009 12 21.8	06 00.01 +15 35.6	20.4	-1.00	+	1.1	2.7/22.0	47303
2007 FH ₂₂	2009 12 21.8	06 00.01 +07 43.9	22.2	-0.96	-	0.1	5.0/21.9	46524
2007 FG ₃₃	2009 12 21.8	06 00.05 +07 35.1	20.8	-0.95	+	2.5	4.8/22.3	59793

2002 OF ₃₀	2009 12 21.8	06 00.06 +25 28.4 19.9	-1.28	- 2.8	0.9/21.9	31209
2006 JD ₄₆	2009 12 21.8	06 00.16 +03 24.8 21.2	-0.79	+ 1.3	5.3/22.1	26170
2008 RD ₆₄	2009 12 21.8	06 00.20 +47 00.7 21.0	-1.19	- 0.1	6.6/22.2	49040
2004 NL ₅	2009 12 21.8	06 00.24 +46 59.9 19.8	-1.58	- 4.0	8.2/22.7	47295
2001 TF ₁₈₄	2009 12 21.9	06 00.11 +25 22.0 19.6	-1.10	- 1.0	0.9/21.9	66110
2004 PF ₆₀	2009 12 21.9	06 00.11 +09 23.9 20.1	-0.99	+ 4.0	5.6/23.0	97721
2007 HV ₄₇	2009 12 21.9	06 00.16 +21 12.5 21.4	-0.95	+ 0.6	0.7/21.9	47431
2001 OY ₈₆	2009 12 21.9	06 00.20 +11 30.6 20.3	-1.07	+ 1.7	4.5/22.2	17933
2005 CV ₁	2009 12 21.9	06 00.21 +29 35.0 19.8	-0.97	- 2.0	1.9/22.1	89622
2005 SF ₉₃	2009 12 21.9	06 00.22 +20 52.1 20.6	-1.16	- 0.4	1.1/21.9	97821
1999 XB ₁₄₆	2009 12 21.9	06 00.23 +24 41.4 21.3	-0.99	+ 1.1	0.4/21.9	93790
2002 DK ₁₉	2009 12 21.9	06 00.32 -11 32.5 20.3	-1.23	+ 7.9	15.9/25.1	94678
2002 ER ₄₅	2009 12 21.9	06 00.34 +24 54.3 20.1	-1.06	+ 2.1	0.5/21.9	00200
2005 TK ₁₅₂	2009 12 21.9	06 00.34 +20 28.3 18.7	-1.09	+ 5.3	1.3/22.1	66218
2008 TN ₉₁	2009 12 21.9	06 00.38 +30 31.4 21.7	-0.95	+ 0.6	1.9/21.9	66332
2005 BQ ₂₅	2009 12 21.9	06 00.39 +35 27.6 19.3	-1.02	- 2.0	3.6/22.2	66195
2000 SX ₉₈	2009 12 21.9	06 00.43 +38 11.2 19.1	-1.21	- 2.0	6.2/22.4	97396
2000 WH ₆₅	2009 12 21.9	06 00.47 +01 34.6 19.7	-0.95	- 3.7	9.0/21.2	20739
2004 SQ ₃₅	2009 12 21.9	06 00.50 +41 34.4 20.0	-1.26	+ 1.7	6.7/21.8	66182
2001 OJ ₈₇	2009 12 21.9	06 00.54 +14 18.0 19.7	-1.09	+ 2.7	3.2/22.3	97443
2004 JC ₄₃	2009 12 21.9	06 00.55 +23 49.0 20.0	-1.15	+ 2.4	0.1/22.0	43201
2002 GU ₁₇₂	2009 12 21.9	06 00.58 +30 04.1 20.1	-1.14	+ 2.6	2.6/21.8	00248
2001 FY ₁₅₁	2009 12 21.9	06 00.58 -04 00.8 21.5	-0.77	+ 1.6	6.5/22.6	47166
2002 AT ₁₀₃	2009 12 21.9	06 00.65 +25 55.8 19.0	-1.06	+ 2.1	1.2/21.9	66123
2005 QP ₁₂	2009 12 22.0	06 00.56 +11 52.5 18.8	-1.07	+ 0.4	5.5/22.1	64247
2006 GY ₁₆	2009 12 22.0	06 00.58 +21 41.1 20.8	-0.91	+ 0.8	0.6/22.0	66259
2001 RJ ₅₇	2009 12 22.0	06 00.62 +24 54.5 19.9	-1.14	+ 1.2	0.7/22.0	17943
2006 HN ₅₅	2009 12 22.0	06 00.62 +06 51.4 20.7	-0.81	- 0.6	4.5/21.9	55226
2006 ES ₅₅	2009 12 22.0	06 00.64 +14 16.4 20.8	-0.90	+ 0.1	3.0/22.0	47400
2002 NY ₆₄	2009 12 22.0	06 00.65 +23 20.1 20.9	-0.91	+ 1.5	0.0/22.0	18016
2006 BB ₂₄₂	2009 12 22.0	06 00.66 +25 37.9 20.7	-1.04	+ 1.0	0.9/22.0	97131
2006 BA ₇₈	2009 12 22.0	06 00.66 +14 45.6 20.8	-1.00	+ 4.8	3.8/22.5	01242
2004 TV ₂₂₇	2009 12 22.0	06 00.67 +29 44.0 21.1	-1.09	- 0.2	2.1/22.0	48948
2006 BV ₂₂₀	2009 12 22.0	06 00.68 +22 01.4 19.1	-1.03	- 1.9	0.5/22.0	66253
2005 QX ₁₇₀	2009 12 22.0	06 00.68 +26 36.4 19.5	-1.24	- 2.4	1.3/22.1	66206
2003 UM ₂₁₃	2009 12 22.0	06 00.72 +19 01.4 21.1	-0.90	- 0.8	1.3/22.0	48910
2007 EB ₇₉	2009 12 22.0	06 00.73 +30 07.8 19.5	-1.21	- 1.8	2.8/22.1	66275
2002 AP ₂₀₈	2009 12 22.0	06 00.73 +34 59.6 19.7	-1.19	- 1.6	4.8/22.2	47198
1998 FL ₁₄₃	2009 12 22.0	06 00.74 +03 23.2 20.5	-0.95	- 1.5	6.7/21.6	47130
2004 RP ₁₇₄	2009 12 22.0	06 00.75 +06 28.4 19.6	-0.97	- 1.0	6.7/22.0	47307
2004 LO ₂₉	2009 12 22.0	06 00.76 +18 36.1 20.7	-1.10	- 1.2	1.9/22.0	47294
2002 JP ₁₁₀	2009 12 22.0	06 00.76 +28 37.7 19.7	-1.35	- 0.2	2.2/22.1	66132
2004 RY ₂₅₂	2009 12 22.0	06 00.78 +40 16.5 18.4	-1.36	- 9.7	6.4/23.8	60811
2002 NK ₂₉	2009 12 22.0	06 00.80 +27 11.6 20.8	-0.92	- 0.9	1.0/22.1	47218
2005 SH ₂₀₅	2009 12 22.0	06 00.81 +30 49.0 20.2	-1.27	- 2.4	3.0/22.2	19196
2002 YZ ₁	2009 12 22.0	06 00.81 +66 55.4 18.3	-1.90	+12.0	23.5/10.2	43482
2003 UF ₁₈₉	2009 12 22.0	06 00.82 +23 16.0 18.8	-0.93	- 1.1	0.1/22.0	66162
2001 FL ₈₉	2009 12 22.0	06 00.84 +14 00.6 21.3	-0.91	+ 0.6	3.3/22.1	47165
2004 RD ₂₉₂	2009 12 22.0	06 00.84 +52 27.6 19.7	-1.48	+ 0.3	10.3/22.2	58840
2003 QT ₂₆	2009 12 22.0	06 00.85 +46 57.1 18.7	-1.27	- 3.6	8.9/23.5	65359
2002 RF ₂₃₅	2009 12 22.0	06 00.87 +40 07.3 21.1	-1.05	- 1.1	4.8/22.3	45990

2004 TG ₂₁₇	2009 12 22.0	06 00.88 +36 32.3 20.6	-1.19	+ 0.3	4.4/22.0	48948
1994 AY ₁₃	2009 12 22.0	06 00.92 +20 22.6 19.7	-1.07	+ 2.7	1.3/22.2	97323
2000 SK ₂₀	2009 12 22.0	06 00.93 +11 07.8 19.3	-1.02	- 4.6	4.8/21.6	70260
2005 SU ₈₂	2009 12 22.0	06 00.96 +24 48.0 21.3	-1.23	- 0.1	0.5/22.1	43233
2003 QB ₂₃	2009 12 22.0	06 00.97 +17 37.3 21.5	-0.95	0.0	1.9/22.1	53144
2008 SP ₁₇₉	2009 12 22.0	06 01.03 -01 39.3 21.8	-0.81	+ 0.6	6.6/23.0	50312
2008 TL ₁₅₀	2009 12 22.0	06 01.04 +24 35.5 22.0	-0.92	+ 0.4	0.3/22.1	55519
2004 RV ₁₈₃	2009 12 22.0	06 01.07 +04 44.1 20.9	-0.97	+ 0.2	7.1/23.0	73122
2005 RH ₂₂	2009 12 22.0	06 01.07 +29 42.4 19.9	-1.26	- 0.6	2.5/22.1	66207
2001 SV ₂₅₂	2009 12 22.0	06 01.11 +32 27.4 18.8	-1.23	+ 1.8	3.7/22.0	66107
2007 FR ₄₇	2009 12 22.1	06 01.03 +13 57.7 21.2	-0.95	- 0.8	2.9/22.0	59793
2001 TS ₂₅₆	2009 12 22.1	06 01.05 +32 44.1 19.2	-1.20	- 1.3	4.0/22.2	17962
2002 RR ₂₄₇	2009 12 22.1	06 01.09 +30 01.8 21.5	-0.93	0.0	1.8/22.1	49845
2005 WT ₁₄₀	2009 12 22.1	06 01.13 +27 42.9 19.0	-1.16	- 6.4	1.7/22.4	66235
2005 SZ ₁₄₇	2009 12 22.1	06 01.13 +26 19.8 20.4	-1.15	+ 1.2	1.3/22.1	97829
2005 SD ₃₅	2009 12 22.1	06 01.15 +18 51.1 21.1	-1.16	+ 0.9	1.8/22.2	33458
2008 PF	2009 12 22.1	06 01.16 -05 41.5 21.5	-0.92	- 1.9	8.2/21.8	49034
2005 YJ ₈₈	2009 12 22.1	06 01.16 +14 56.2 20.1	-0.99	+ 3.3	2.8/22.5	43247
2003 UC ₁₀₈	2009 12 22.1	06 01.21 +22 31.0 18.2	-0.94	- 4.1	0.4/22.1	66161
2001 HJ ₁₉	2009 12 22.1	06 01.24 +11 11.9 20.4	-0.87	- 1.9	4.0/21.9	47166
2003 AL ₄₈	2009 12 22.1	06 01.24 +26 52.0 18.7	-1.14	+ 2.9	1.7/22.0	66147
2000 LB	2009 12 22.1	06 01.27 +16 35.1 19.1	-1.06	- 2.2	2.6/22.0	17914
2005 YA ₂₃₈	2009 12 22.1	06 01.27 +07 21.4 20.9	-0.95	+ 3.9	5.1/22.8	20476
2007 EP ₁₆₂	2009 12 22.1	06 01.29 +22 45.1 20.9	-1.12	- 0.6	0.2/22.2	47424
2005 AR ₂₇	2009 12 22.1	06 01.34 +13 53.1 19.8	-0.95	+ 3.1	3.6/22.4	77801
1996 JG ₁₁	2009 12 22.1	06 01.35 +17 06.0 20.1	-0.88	+ 1.6	1.9/22.3	66083
2005 UE ₁₆₃	2009 12 22.1	06 01.35 +24 26.7 21.4	-1.17	- 0.4	0.4/22.2	43238
2006 KF ₃	2009 12 22.1	06 01.36 +03 37.7 21.0	-0.80	- 1.4	5.3/21.9	52457
2008 TL ₁₀₈	2009 12 22.1	06 01.40 +14 06.7 20.1	-1.01	+ 0.6	3.2/22.2	46967
2001 UF ₁₀₆	2009 12 22.1	06 01.42 +16 57.2 20.0	-1.06	- 0.3	2.9/22.2	66112
2008 LU ₆	2009 12 22.1	06 01.43 +09 29.6 20.4	-1.09	+ 2.8	5.5/23.0	50130
2008 RC ₃₉	2009 12 22.1	06 01.44 +40 03.7 20.5	-1.10	0.0	5.2/22.2	66323
2002 NM ₆₆	2009 12 22.1	06 01.45 +32 08.4 21.3	-1.00	- 2.2	2.6/22.4	26626
2008 RC ₃₇	2009 12 22.1	06 01.46 +09 43.7 20.4	-0.98	- 0.2	4.9/22.1	57499
2005 UX ₂₀₆	2009 12 22.1	06 01.47 +25 40.5 19.6	-1.12	+ 1.3	1.1/22.2	66223
2005 XJ ₁₀₀	2009 12 22.1	06 01.49 +19 57.0 20.0	-0.99	+ 4.9	1.7/22.4	65492
2002 AN ₆₁	2009 12 22.1	06 01.51 +15 18.1 19.3	-1.02	+ 0.6	3.1/22.2	47195
2007 UR ₂	2009 12 22.1	06 01.52 +42 12.6 19.6	-1.91	+ 8.0	12.4/20.8	30303
2000 SY ₉₅	2009 12 22.2	06 01.47 +17 52.8 20.5	-1.06	- 0.6	2.0/22.2	60732
1999 VY ₁₀₄	2009 12 22.2	06 01.47 +35 47.1 19.6	-1.13	+ 4.0	4.5/21.7	43101
1998 SU ₁₁₅	2009 12 22.2	06 01.48 +27 23.5 19.7	-1.25	- 0.5	1.6/22.2	10696
2003 LS ₄	2009 12 22.2	06 01.48 +22 57.1 19.6	-1.12	+ 5.6	0.2/22.2	43173
2003 UF ₂₇	2009 12 22.2	06 01.49 +28 30.2 19.8	-0.99	+ 2.6	1.6/22.1	66161
2005 YW ₁₇₉	2009 12 22.2	06 01.51 +32 51.5 20.2	-1.13	- 2.8	3.1/22.5	47370
2002 PW ₁₃₅	2009 12 22.2	06 01.54 +29 21.5 20.1	-0.94	+ 1.0	1.7/22.2	50932
2008 RH ₇₄	2009 12 22.2	06 01.56 +16 19.7 20.5	-0.88	+ 0.7	2.2/22.3	50184
2004 LD ₁₁	2009 12 22.2	06 01.59 +18 42.6 20.5	-1.15	+ 2.5	1.9/22.3	41148
2002 PK ₁₈₀	2009 12 22.2	06 01.60 +29 43.8 20.3	-0.96	- 1.5	2.2/22.3	45963
2004 JP ₁₁	2009 12 22.2	06 01.61 -10 34.8 20.3	-1.05	- 3.3	12.9/20.6	47294
2001 YU ₆₅	2009 12 22.2	06 01.61 +24 30.3 18.5	-1.13	+ 2.6	0.4/22.2	66121
2003 WK ₈₄	2009 12 22.2	06 01.64 +38 03.0 19.5	-1.05	+ 0.2	4.5/22.2	47280

2008 RS ₂₂	2009 12 22.2	06 01.64 -00 33.8 20.8	-0.81 + 0.8	6.8/23.0	50164	2006 AC ₁₇	2009 12 22.3	06 02.41 +20 15.0 20.2	-1.04 + 1.5	1.2/22.5	21620
2003 WQ ₁₇₀	2009 12 22.2	06 01.64 +14 03.3 19.8	-0.88 + 2.7	2.8/22.6	46109	2002 PO ₁₅₇	2009 12 22.3	06 02.41 +34 10.3 21.3	-1.39 - 2.2	4.4/22.6	12810
2006 FN ₂₁	2009 12 22.2	06 01.66 +24 12.2 21.0	-0.95 + 0.3	0.3/22.2	47402	2006 DQ ₂₁₁	2009 12 22.4	06 02.39 +40 02.4 21.8	-0.99 - 0.1	4.0/22.4	35939
2004 DJ ₅₉	2009 12 22.2	06 01.66 +15 19.1 19.8	-1.16 + 2.1	3.8/22.4	58473	2000 SA ₃₀₆	2009 12 22.4	06 02.41 +16 07.2 19.7	-1.04 - 2.8	2.6/22.2	66097
2002 CS ₃₂	2009 12 22.2	06 01.67 +24 14.0 19.5	-1.09 + 3.3	0.3/22.2	48858	2002 TE ₄₀	2009 12 22.4	06 02.47 +27 30.0 18.5	-1.22 + 2.8	2.0/22.3	66140
2005 XZ ₄₀	2009 12 22.2	06 01.67 +23 12.4 20.8	-1.08 + 2.8	0.1/22.2	20458	2005 UL ₄₀₉	2009 12 22.4	06 02.47 +27 22.8 20.9	-1.21 + 1.9	1.8/23.0	56034
2004 TN ₃₁₁	2009 12 22.2	06 01.68 +32 07.9 20.9	-1.13 + 0.0	2.9/22.2	46220	1996 XO ₇	2009 12 22.4	06 02.52 +17 44.4 19.0	-1.01 + 0.1	2.5/22.5	66083
2007 ER ₄₇	2009 12 22.2	06 01.69 +16 59.6 20.5	-1.05 + 0.4	2.4/22.3	47422	2001 UV ₄₂	2009 12 22.4	06 02.54 +20 08.3 20.3	-1.12 + 0.4	1.2/22.5	17963
2001 UV ₂₂₉	2009 12 22.2	06 01.73 +23 14.2 21.5	-1.13 + 1.1	0.1/22.3	57965	2006 DL ₈₂	2009 12 22.4	06 02.59 +19 59.1 19.9	-0.95 + 0.3	1.2/22.5	66256
2003 WU ₁₁	2009 12 22.2	06 01.73 +28 11.4 19.7	-0.96 - 2.3	1.6/22.4	66164	2002 PZ ₁₃	2009 12 22.4	06 02.61 +23 00.3 21.1	-0.89 - 0.9	0.1/22.5	45956
2002 AX ₈₄	2009 12 22.2	06 01.74 +14 56.3 18.9	-1.03 + 0.1	3.5/22.3	47196	2003 UD ₂₇₃	2009 12 22.4	06 02.65 +42 41.6 19.8	-1.15 + 2.9	6.4/21.8	66163
2008 SH	2009 12 22.2	06 01.78 +28 07.7 19.9	-0.98 + 2.7	1.5/22.1	50209	2004 VX ₄₆	2009 12 22.4	06 02.66 +26 47.3 20.0	-1.03 + 2.6	1.1/22.4	47326
2001 RX ₁₁₂	2009 12 22.2	06 01.79 +23 39.8 21.4	-1.16 - 0.1	0.1/22.3	10789	2004 PO	2009 12 22.4	06 02.66 +19 31.2 19.7	-1.06 - 2.2	1.5/22.4	66174
2003 SR ₁₈₄	2009 12 22.2	06 01.84 -17 28.3 20.7	-1.14 - 1.1	18.6/21.3	21799	2008 RF ₁₁₃	2009 12 22.4	06 02.66 +04 46.2 20.8	-0.84 - 0.7	5.6/22.4	51072
2006 DF ₁₉₅	2009 12 22.2	06 01.88 +22 44.1 19.2	-1.05 + 4.7	0.2/22.3	60862	2004 RH ₁₅	2009 12 22.4	06 02.68 +05 30.8 20.5	-0.96 + 0.6	6.1/23.0	20340
2008 RW ₂₇	2009 12 22.2	06 01.88 +38 44.2 19.8	-1.27 + 3.1	5.4/21.8	46654	2002 TM ₂₇₉	2009 12 22.4	06 02.70 +26 34.2 18.9	-1.28 - 3.6	1.5/23.0	16226
2006 BN ₅₈	2009 12 22.2	06 01.89 +19 09.0 19.9	-0.97 + 2.4	1.4/22.4	66250	2008 RW ₁₁₃	2009 12 22.4	06 02.71 +21 51.2 19.8	-0.90 + 0.0	0.6/22.5	66324
2008 QU ₆	2009 12 22.2	06 01.90 +21 58.3 21.9	-1.10 - 0.1	0.5/22.3	47452	2002 RR ₁₂₇	2009 12 22.4	06 02.75 +06 58.0 22.9	-0.79 - 0.9	4.0/22.4	48876
2007 EO ₆₈	2009 12 22.2	06 01.92 +20 48.8 19.7	-1.19 + 2.8	1.2/22.4	66274	2004 TE ₆₈	2009 12 22.4	06 02.76 +26 50.5 18.9	-1.08 + 3.2	1.3/22.4	66184
2003 QJ ₃₁	2009 12 22.2	06 01.93 +09 47.1 20.0	-0.90 - 0.4	4.5/22.3	48894	2008 GN ₉₂	2009 12 22.4	06 02.79 -14 09.1 21.5	-1.20 - 3.1	17.3/21.8	58144
2002 GG ₁₂	2009 12 22.2	06 01.96 +39 54.0 19.5	-1.25 + 4.0	6.2/21.5	02091	2006 BE ₁₅₇	2009 12 22.4	06 02.83 +20 19.3 19.5	-0.99 + 1.3	1.1/22.5	47382
2004 RH ₆₉	2009 12 22.2	06 01.96 +06 28.4 20.2	-0.95 + 1.1	5.8/22.6	47303	2002 TH ₂₃₇	2009 12 22.4	06 02.83 +24 03.7 18.8	-1.15 - 7.0	13.3/12.0	41827
1999 YQ ₁₁	2009 12 22.2	06 01.96 +22 37.8 19.2	-1.20 + 4.2	0.4/22.3	66090	2007 JZ ₄₁	2009 12 22.4	06 02.84 +41 00.4 20.5	-1.22 + 0.3	5.4/22.4	66286
2005 TQ ₁₄₁	2009 12 22.2	06 01.97 +26 47.1 20.5	-1.21 + 2.1	1.4/22.2	20406	2005 UW ₁₆₃	2009 12 22.4	06 02.85 +24 29.0 19.4	-1.11 - 1.0	0.5/22.5	66222
2005 SK ₁₂₉	2009 12 22.2	06 01.99 +19 42.0 20.5	-1.14 - 0.1	1.5/22.3	18126	2005 SQ ₁₇₆	2009 12 22.5	06 02.77 +25 04.1 19.3	-1.11 - 1.7	0.8/22.5	18128
2005 AW ₃₂	2009 12 22.3	06 01.88 +39 08.7 18.4	-1.72 -10.6	8.0/23.8	64239	2004 LA ₂₆	2009 12 22.5	06 02.79 +17 04.6 20.7	-1.03 + 0.5	2.1/23.0	22773
2008 UU ₁₁	2009 12 22.3	06 01.96 +11 55.2 20.7	-0.87 - 2.1	3.6/22.1	50476	2001 TC ₁₄₁	2009 12 22.5	06 02.80 +22 52.3 21.1	-1.14 + 1.1	0.2/22.5	17959
2000 SZ ₁₉	2009 12 22.3	06 01.97 +28 25.5 19.6	-1.15 - 1.6	1.9/23.0	66095	2002 PO ₁₁₀	2009 12 22.5	06 02.82 +22 54.3 19.7	-0.92 - 2.3	0.2/22.5	66135
2000 QK ₁₆	2009 12 22.3	06 02.00 +22 38.0 20.5	-1.07 + 0.5	0.3/22.3	47147	2007 CQ ₅₃	2009 12 22.5	06 02.83 +31 07.7 19.8	-1.29 - 0.4	3.4/22.5	20848
2001 UX ₂₀₂	2009 12 22.3	06 02.04 +26 50.0 19.3	-1.11 - 0.6	1.6/22.3	17967	2003 WP ₃₇	2009 12 22.5	06 02.83 +38 41.7 19.7	-1.05 + 0.3	4.8/22.4	47278
2005 UV ₃₄₁	2009 12 22.3	06 02.04 +26 13.3 20.2	-1.20 - 2.6	1.2/22.4	66226	2005 UX ₄₈₃	2009 12 22.5	06 02.83 +29 45.0 19.2	-1.24 + 2.5	2.4/22.3	66228
2002 PC ₇₁	2009 12 22.3	06 02.05 +30 53.7 19.9	-0.95 - 2.3	2.0/22.5	47221	2003 CU ₁₇	2009 12 22.5	06 02.83 +25 32.7 19.4	-1.15 - 2.8	1.0/22.6	17457
2003 UD ₂₉₉	2009 12 22.3	06 02.09 +21 39.4 20.7	-0.91 - 0.2	0.6/22.3	58462	2006 BJ ₈₅	2009 12 22.5	06 02.86 +27 15.9 20.8	-1.04 + 0.2	1.3/22.5	46374
2007 KE ₈	2009 12 22.3	06 02.10 +20 28.0 20.8	-1.04 + 3.9	1.0/22.5	21704	2006 HQ ₅₄	2009 12 22.5	06 02.87 -01 44.6 20.6	-0.78 - 1.5	6.6/22.2	46469
2005 EF ₉	2009 12 22.3	06 02.12 +17 12.2 19.8	-0.86 + 1.0	1.9/22.4	66196	2001 HW ₁₇	2009 12 22.5	06 02.88 +15 39.9 20.4	-1.13 - 0.7	2.9/22.5	97438
2007 EW ₁₇	2009 12 22.3	06 02.14 +28 47.5 20.3	-1.14 - 0.1	2.0/22.4	21191	2004 EZ ₉₉	2009 12 22.5	06 02.89 +33 41.6 21.2	-1.31 - 0.7	4.0/22.6	40685
2002 QX ₈₈	2009 12 22.3	06 02.17 +22 29.2 22.3	-0.87 - 0.1	0.3/22.4	25867	2008 SU ₅₅	2009 12 22.5	06 02.90 +32 24.7 20.7	-0.94 + 0.7	2.5/22.4	49049
2002 QJ ₁₀₂	2009 12 22.3	06 02.21 +27 38.3 19.5	-0.95 + 3.5	1.3/22.2	66136	2004 RU ₁₂	2009 12 22.5	06 02.92 +13 48.6 19.2	-1.07 + 5.0	3.6/23.1	40687
2000 HZ ₉₄	2009 12 22.3	06 02.23 +28 12.9 18.5	-1.66 +15.6	2.3/21.7	40087	2003 PV ₃	2009 12 22.5	06 02.93 +41 03.8 20.3	-1.23 - 4.2	6.5/23.6	87584
2005 TA ₂₈	2009 12 22.3	06 02.24 +33 49.9 19.1	-1.26 + 2.2	4.5/22.1	97851	2005 SJ ₃₃	2009 12 22.5	06 02.98 +25 52.3 20.3	-1.20 + 1.4	0.9/22.5	14218
2007 GU ₂₁	2009 12 22.3	06 02.26 +21 02.4 21.0	-1.09 + 0.0	0.9/22.4	43279	2002 TE ₂₉₀	2009 12 22.5	06 03.02 +21 35.5 20.3	-1.24 - 3.1	10.8/12.0	89355
2006 EQ ₄₂	2009 12 22.3	06 02.29 +38 13.7 20.6	-1.10 - 1.3	5.0/22.6	46444	2000 WH ₇₀	2009 12 22.5	06 03.05 +27 08.9 18.2	-1.09 - 3.5	1.6/23.0	66099
2002 GH ₁₂₁	2009 12 22.3	06 02.29 +25 54.4 19.8	-1.01 + 1.5	0.8/22.3	66131	2000 SZ ₁₅₆	2009 12 22.5	06 03.07 +36 03.7 19.8	-1.28 - 5.4	4.7/23.3	97399
2007 PT ₂₆	2009 12 22.3	06 02.30 +48 24.9 18.9	-1.36 - 6.1	8.2/23.9	66287	2008 RX ₁₃₁	2009 12 22.5	06 03.07 +52 03.5 20.6	-1.35 - 3.5	7.9/24.1	65601
2003 JA ₄	2009 12 22.3	06 02.32 +18 58.1 20.8	-0.99 + 1.5	1.4/22.5	43172	2004 RU ₁₂₇	2009 12 22.5	06 03.07 +20 31.0 20.0	-1.03 + 0.0	1.2/22.6	66178
1995 BK ₁₄	2009 12 22.3	06 02.32 +07 46.4 19.8	-0.87 + 2.5	5.0/23.0	47126	2008 RQ ₁₀₁	2009 12 22.5	06 03.08 +08 31.6 21.1	-0.88 + 0.3	4.8/22.7	50193
2008 RN ₉₂	2009 12 22.3	06 02.37 +16 26.3 21.7	-0.96 + 0.3	2.1/22.4	50189	2008 SY ₁₄₀	2009 12 22.5	06 03.08 +22 07.2 20.8	-0.91 - 2.2	0.4/22.5	66327
2008 SK ₉₄	2009 12 22.3	06 02.37 +05 11.7 21.1	-0.87 + 0.0	5.5/22.6	50262	2004 RG ₃₁₇	2009 12 22.5	06 03.14 +10 25.6 20.9	-0.97 - 0.7	4.2/22.5	48941
2004 RZ ₁₉₇	2009 12 22.3	06 02.38 +08 25.8 20.9	-1.05 - 1.2	5.6/23.0	74349	2005 TC ₁₀₇	2009 12 22.5	06 03.15 +32 34.8 19.9	-1.27 + 2.0	3.7/22.3	19657
2003 TD ₁₇	2009 12 22.3	06 02.39 +07 03.4 21.1	-0.87 - 1.4	4.9/22.2	52375	2003 UQ ₂₆₉	2009 12 22.5	06 03.15 +14 11.3 19.5	-0.87 - 2.0	3.1/22.4	59716
2002 CF ₃₄	2009 12 22.3	06 02.40 +41 42.9 18.8	-1.28 - 3.8	8.0/23.3	66126	2003 HU ₂₃	2009 12 22.5	06 03.16 -15 53.1 21.7	-1.25 - 5.1	18.6/20.1	38855

2004 PS ₆₄	2009 12 22.5	06 03.18 +15 35.3 21.1	-1.01 + 0.5	2.5/22.7	47298	2003 XV ₃₂	2009 12 22.7	06 03.83 +18 23.0 19.8	-0.88 - 0.9	1.8/22.7	57996
2001 SR ₁₆₂	2009 12 22.5	06 03.19 +33 28.1 20.6	-1.25 + 0.0	3.9/22.6	23753	2006 BF ₃₄	2009 12 22.7	06 03.85 +06 03.5 19.4	-0.92 + 2.7	6.6/23.4	47377
2005 YF ₄₈	2009 12 22.5	06 03.19 +21 19.1 19.8	-1.06 + 1.9	0.9/23.0	66241	2003 UU ₄₁₆	2009 12 22.7	06 03.87 +23 36.9 19.3	-0.94 - 2.4	0.1/22.7	65379
2007 GA ₂₇	2009 12 22.5	06 03.20 +21 51.2 21.0	-0.97 + 1.3	0.5/22.6	21363	2002 PH ₁₆₁	2009 12 22.7	06 03.89 +17 48.9 20.0	-0.88 + 1.7	1.7/22.9	66135
2000 QS ₉	2009 12 22.5	06 03.26 +01 40.0 20.4	-0.96 + 1.4	7.9/23.3	68670	2003 SM ₂₂₂	2009 12 22.7	06 03.90 +36 06.6 20.5	-1.07 + 1.5	4.2/22.5	95095
2001 ST ₂₄₆	2009 12 22.5	06 03.26 +21 04.2 19.3	-1.12 + 1.2	1.1/23.0	97473	2007 LR ₄	2009 12 22.7	06 03.97 +17 03.9 20.6	-0.88 - 0.3	1.9/23.0	47436
2008 QY ₁₀	2009 12 22.5	06 03.27 +17 49.5 21.0	-1.01 + 0.2	1.8/22.6	50144	1999 VS ₁₂₆	2009 12 22.7	06 03.97 +32 59.3 19.4	-1.09 + 1.6	3.6/22.6	66089
2005 AA ₆₂	2009 12 22.5	06 03.31 +47 37.0 19.3	-1.27 - 4.4	7.9/23.9	66194	2006 UG ₂₇₂	2009 12 22.7	06 03.97 +51 56.5 19.9	-2.05 +10.0	12.8/19.8	38954
2000 TK ₂₂	2009 12 22.6	06 03.24 +09 35.7 19.2	-0.99 - 3.3	4.9/22.2	47153	2008 QQ ₁	2009 12 22.7	06 03.97 +29 55.3 20.2	-1.03 + 0.4	2.2/22.7	66322
2002 RA ₂₅₂	2009 12 22.6	06 03.25 +35 35.5 21.5	-1.00 - 0.4	3.3/22.6	47230	2005 EX ₉₁	2009 12 22.7	06 03.99 +62 51.7 19.2	-2.35 - 1.1	19.4/24.1	60822
2006 BK ₃₁	2009 12 22.6	06 03.25 +28 08.7 19.6	-1.07 0.0	1.9/22.6	57434	2004 BH ₁₅₉	2009 12 22.7	06 04.02 +20 27.3 20.7	-1.19 + 0.9	1.4/23.0	58471
2006 AQ ₅₁	2009 12 22.6	06 03.26 +15 34.2 20.6	-1.02 + 4.1	3.0/23.0	21353	2008 SW ₂₇₆	2009 12 22.7	06 04.04 -02 43.0 20.4	-0.81 - 3.0	7.9/22.1	58167
2004 TP ₂₁₅	2009 12 22.6	06 03.29 +39 51.9 20.5	-1.25 + 0.8	5.7/22.4	59445	2005 SD ₈₃	2009 12 22.7	06 04.05 +12 45.2 20.9	-1.11 - 0.2	4.2/23.0	33459
2005 XJ ₉₅	2009 12 22.6	06 03.30 +13 58.3 21.7	-1.12 - 0.5	3.7/22.6	56037	2008 QU ₃₇	2009 12 22.7	06 04.08 +35 23.8 21.6	-1.05 - 0.4	3.7/23.0	50154
2003 WS ₄₁	2009 12 22.6	06 03.31 +20 42.5 18.2	-0.95 - 5.2	0.9/22.5	66164	2006 JY ₅₂	2009 12 22.7	06 04.09 +32 57.1 20.6	-0.95 + 1.3	2.7/22.6	53502
2001 VS ₁₂₇	2009 12 22.6	06 03.31 +15 57.4 20.4	-1.08 + 2.5	3.0/22.8	94288	2001 SC ₁₄	2009 12 22.7	06 04.09 +25 09.4 20.2	-1.18 + 0.4	0.7/23.0	97462
2004 TL ₁₃	2009 12 22.6	06 03.32 +02 14.5 20.2	-1.07 - 5.1	6.9/22.0	47314	2002 TW ₂₁₀	2009 12 22.7	06 04.12 +19 43.9 20.3	-1.21 - 0.1	1.7/23.0	56892
2006 KW ₁₂₃	2009 12 22.6	06 03.35 +00 04.8 19.8	-0.85 - 1.9	7.7/22.0	51040	2002 FZ ₂₅	2009 12 22.7	06 04.12 +22 40.8 19.9	-1.13 + 6.4	9.6/03.0	94721
2000 SP ₂₃₁	2009 12 22.6	06 03.4 +80 27.5 17.7	-3.46 + 6.2	27.7/03.0	60732	2001 QM ₁₂₃	2009 12 22.7	06 04.13 +29 35.6 20.1	-1.24 + 0.2	2.5/23.0	97449
2005 TG ₁₈	2009 12 22.6	06 03.41 +25 37.2 20.8	-1.21 + 1.1	0.9/23.0	97849	2002 ER ₁₀	2009 12 22.7	06 04.14 +02 13.9 20.8	-0.94 - 0.9	6.7/22.4	87533
2006 HG ₁₂	2009 12 22.6	06 03.41 +29 58.9 19.7	-0.99 + 3.4	2.2/22.4	66259	2006 RN ₃₅	2009 12 22.7	06 04.14 -17 09.9 20.0	-1.19 - 3.3	19.4/21.2	39255
2001 JA ₅	2009 12 22.6	06 03.42 +27 12.1 19.9	-0.96 + 4.1	1.1/22.5	66101	2003 WO ₉₅	2009 12 22.7	06 04.14 +31 36.8 18.8	-1.00 + 3.3	2.6/22.5	66165
2008 SH ₁₈₁	2009 12 22.6	06 03.48 +03 59.5 21.5	-0.78 - 0.7	4.9/22.7	58616	2001 QL ₃₂₉	2009 12 22.7	06 04.15 +33 04.4 20.1	-1.25 - 1.5	4.0/23.0	17942
2004 TO ₁₆₉	2009 12 22.6	06 03.52 +37 17.8 19.7	-1.19 + 2.3	5.0/22.3	43217	2007 DW ₁₁₀	2009 12 22.7	06 04.15 +19 20.5 21.4	-1.08 + 0.1	1.4/22.8	55308
2008 RY ₅₁	2009 12 22.6	06 03.55 +04 56.4 20.9	-0.85 + 0.4	5.5/23.0	49040	2003 SN ₁₃₄	2009 12 22.7	06 04.15 +21 37.8 20.0	-0.96 - 1.4	0.6/22.8	66156
2003 WW ₄	2009 12 22.6	06 03.55 +34 49.8 20.2	-1.01 + 0.3	3.7/22.6	59717	2005 SA ₁₀₄	2009 12 22.7	06 04.16 +19 16.0 19.3	-1.14 - 1.4	1.6/23.0	97823
2005 YV ₃₁	2009 12 22.6	06 03.57 +30 23.3 20.4	-1.10 - 2.1	2.3/23.0	47366	1999 RS ₇	2009 12 22.7	06 04.16 +41 46.6 20.8	-1.22 + 0.6	5.6/22.5	66087
2002 RS ₅₈	2009 12 22.6	06 03.58 +14 04.3 19.8	-1.16 + 2.3	4.1/23.0	40107	2000 SH ₁₆₃	2009 12 22.7	06 04.18 +20 51.5 21.0	-1.04 - 0.4	0.8/23.0	59657
2000 QJ ₂₁₀	2009 12 22.6	06 03.63 +26 32.1 20.4	-1.12 - 0.5	1.1/23.0	17916	1999 TF ₂₆₄	2009 12 22.8	06 04.13 +20 16.9 20.8	-1.22 - 0.1	1.4/23.0	39138
2002 PU ₁₇₈	2009 12 22.6	06 03.64 +25 39.8 20.9	-1.29 + 2.4	0.9/23.0	40106	1995 MP ₇	2009 12 22.8	06 04.19 +22 59.7 20.2	-0.97 + 5.3	7.8/03.0	66082
2005 SB ₆₀	2009 12 22.6	06 03.66 +19 28.9 19.0	-1.06 + 0.3	1.9/22.7	66209	2006 AL ₈₅	2009 12 22.8	06 04.19 +23 52.4 18.3	-1.04 - 3.7	10.7/03.0	66248
2008 SA ₆	2009 12 22.6	06 03.66 +43 11.1 20.3	-1.13 + 1.8	5.4/22.3	59812	2007 HB ₉₀	2009 12 22.8	06 04.20 +16 18.4 20.6	-1.03 + 2.8	2.5/23.1	56090
2006 HB ₁₁₉	2009 12 22.6	06 03.68 +03 10.4 20.8	-0.82 - 1.5	6.4/22.4	60460	2007 HM ₉₀	2009 12 22.8	06 04.22 +24 46.6 20.2	-1.04 + 3.5	0.4/22.8	21366
2002 BC ₃₁	2009 12 22.6	06 03.70 +10 27.9 19.6	-0.97 + 1.6	5.7/22.9	43145	2005 TJ ₁₃₀	2009 12 22.8	06 04.24 +25 53.0 20.9	-1.20 + 0.6	0.9/23.0	03746
2005 YD ₁₆₈	2009 12 22.6	06 03.70 +20 02.5 19.9	-1.03 - 0.4	1.5/22.7	66244	2002 QT ₁₃₆	2009 12 22.8	06 04.24 +26 26.4 19.6	-0.92 - 1.6	0.9/22.9	65335
2008 RR ₁₀₆	2009 12 22.6	06 03.72 +23 38.3 20.3	-0.91 + 0.2	7.1/12.0	50196	2008 SG ₂₅₈	2009 12 22.8	06 04.28 -11 21.7 20.8	-0.83 - 3.5	9.8/21.1	46905
2002 SA ₅₈	2009 12 22.6	06 03.75 +14 03.6 19.2	-1.14 + 4.1	4.4/23.2	40108	2002 CT ₁₇₅	2009 12 22.8	06 04.30 +32 53.5 19.2	-1.16 - 0.7	3.3/22.8	48860
2004 QA ₁₉	2009 12 22.6	06 03.76 +40 37.8 20.5	-1.27 - 3.6	5.5/23.4	60806	2005 ET ₈₅	2009 12 22.8	06 04.31 +33 00.9 19.7	-1.02 + 1.4	3.7/22.6	76848
2002 RG ₅₉	2009 12 22.7	06 03.66 +24 15.2 19.4	-1.26 - 1.7	10.7/12.0	14668	2005 YT ₁₅₈	2009 12 22.8	06 04.31 +19 27.6 19.8	-1.04 - 0.1	1.7/22.9	66244
2002 VE ₁₂₆	2009 12 22.7	06 03.66 +25 32.5 18.4	-1.22 - 3.6	1.0/23.0	10943	2005 QJ ₈	2009 12 22.8	06 04.34 +20 26.4 19.1	-1.16 - 0.5	1.4/23.0	66202
2004 PY ₅₇	2009 12 22.7	06 03.67 +21 46.2 20.4	-1.07 - 0.5	0.6/22.7	47298	2005 UL ₃₆₄	2009 12 22.8	06 04.36 +14 57.4 21.4	-1.08 - 0.1	3.2/22.9	41831
2000 QC ₁₃	2009 12 22.7	06 03.68 +31 39.8 21.4	-1.16 - 0.7	2.7/23.0	56845	2006 DA ₅₈	2009 12 22.8	06 04.36 +28 57.8 21.3	-1.06 - 0.3	2.0/22.8	01361
2008 SS ₅₀	2009 12 22.7	06 03.70 +05 32.7 22.5	-0.93 0.0	5.4/22.8	50237	2002 QJ ₁₁₅	2009 12 22.8	06 04.39 +19 15.9 21.2	-0.86 + 1.3	1.2/22.9	47226
2002 GA ₈₃	2009 12 22.7	06 03.71 +11 26.2 19.6	-0.96 + 1.2	4.3/22.9	47212	2007 FY ₄₃	2009 12 22.8	06 04.40 +35 16.5 19.2	-1.27 - 0.5	4.9/23.0	66279
2001 SF ₁₇₇	2009 12 22.7	06 03.72 +17 42.4 20.4	-1.09 + 1.3	2.0/23.0	60743	2007 LU ₂	2009 12 22.8	06 04.41 -07 07.8 22.0	-0.77 - 1.0	7.5/23.1	46558
2003 QL ₆₉	2009 12 22.7	06 03.73 +61 22.2 18.7	-1.75 - 4.9	13.3/26.6	43174	2006 DC ₁₆₃	2009 12 22.8	06 04.42 +17 00.7 20.1	-0.95 0.0	2.3/22.9	53485
2001 XC ₄₇	2009 12 22.7	06 03.74 +31 04.1 17.6	-1.22 + 6.7	3.3/22.2	66118	2005 UW ₁₈₀	2009 12 22.8	06 04.43 +20 55.8 20.6	-1.11 + 1.2	0.9/22.9	48978
2001 LJ	2009 12 22.7	06 03.76 +13 11.2 21.6	-0.78 + 2.9	2.3/23.1	35777	2004 TK ₉₃	2009 12 22.8	06 04.46 +25 50.2 19.4	-1.00 + 0.2	1.1/23.0	66184
2004 SF ₃₉	2009 12 22.7	06 03.77 +12 23.3 19.5	-0.98 0.0	3.8/23.0	60813	2008 QO ₈	2009 12 22.8	06 04.47 +11 11.2 22.4	-0.88 + 1.1	3.6/23.2	42997
2003 UH ₃₃₈	2009 12 22.7	06 03.78 +26 16.9 20.6	-0.97 + 0.4	0.9/22.7	57994	2002 QK ₄₉	2009 12 22.8	06 04.49 +34 54.3 20.3	-1.00 - 1.1	3.4/23.0	48873
2005 UT ₁₄₀	2009 12 22.7	06 03.82 +33 38.0 22.1	-1.27 + 1.9	3.7/22.5	58516	2007 LY ₁₀	2009 12 22.8	06 04.49 +11 00.7 22.1	-0.82 - 1.6	3.2/22.8	46559

2004 XP ₁₇	2009 12 22.8	06 04.50 +24 22.0 18.9	-0.97 + 1.3	0.3/22.9	66190
2006 BR ₁₉₄	2009 12 22.8	06 04.51 +24 05.9 19.9	-1.03 - 1.1	0.2/22.9	66252
2005 WO ₂₀₄	2009 12 22.8	06 04.54 +12 08.7 19.2	-1.02 + 6.6	4.6/23.7	22804
2004 FL ₉₃	2009 12 22.8	06 04.57 +34 41.3 19.4	-1.33 + 2.5	5.2/22.6	58475
2004 TZ ₂₁₀	2009 12 22.8	06 04.59 +28 49.1 21.2	-1.07 + 0.3	1.6/23.0	46213
2005 QB ₁₄₆	2009 12 22.8	06 04.60 +29 41.1 19.8	-1.27 - 0.5	2.8/23.0	62429
2007 HH ₅₁	2009 12 22.8	06 04.60 +22 38.0 20.3	-1.07 + 1.3	0.3/22.9	66284
2001 SR ₂₇₅	2009 12 22.8	06 04.62 +12 11.7 20.8	-1.05 + 0.4	4.8/23.1	19064
2005 UP ₅₂	2009 12 22.8	06 04.67 +30 40.6 20.2	-1.25 + 2.4	2.8/23.0	14764
2004 SH ₂₀	2009 12 22.9	06 04.58 +24 14.2 20.6	-1.05 - 0.2	8.1/12.0	19631
2001 CX ₄₇	2009 12 22.9	06 04.61 +34 27.4 17.6	-1.02 - 2.6	5.4/23.2	66100
2005 SB ₁₄	2009 12 22.9	06 04.62 +38 48.7 19.4	-1.32 + 0.9	7.0/23.0	18122
2008 QZ ₂₁	2009 12 22.9	06 04.70 +15 20.9 20.4	-0.87 - 1.7	2.5/23.0	47456
2001 SY ₁₂₅	2009 12 22.9	06 04.71 +24 44.3 21.3	-1.17 - 0.4	0.5/23.0	97468
2006 BC ₁₅₆	2009 12 22.9	06 04.72 +17 14.8 19.5	-0.97 + 1.5	2.3/23.1	47382
2003 SJ ₃₂₂	2009 12 22.9	06 04.73 +10 05.6 19.4	-0.86 + 1.5	4.4/23.3	47265
2001 VQ ₁₂₇	2009 12 22.9	06 04.73 +12 47.0 21.0	-1.06 + 1.2	4.0/23.2	19555
2006 BE ₁₁₇	2009 12 22.9	06 04.74 +17 14.9 20.0	-0.97 + 0.8	2.4/23.0	47380
2005 NB	2009 12 22.9	06 04.76 +00 59.2 18.7	-1.22 - 6.1	9.4/23.0	39216
2005 SY ₂₁₀	2009 12 22.9	06 04.81 +33 51.1 20.4	-1.29 + 1.4	4.5/23.0	97837
2005 SA ₂₃	2009 12 22.9	06 04.83 +26 33.8 21.2	-1.23 + 0.9	1.2/23.0	21826
2000 QV ₂₆	2009 12 22.9	06 04.85 +26 18.5 20.1	-1.11 - 0.9	1.1/23.0	40665
2007 FY ₃₃	2009 12 22.9	06 04.88 +33 10.9 21.3	-1.18 + 0.2	3.3/22.9	55317
2004 GS ₇₂	2009 12 22.9	06 04.88 +13 33.7 21.2	-1.14 + 0.5	3.9/23.0	42698
2002 BE ₅	2009 12 22.9	06 04.90 +31 24.8 18.2	-1.20 + 8.7	3.5/22.2	66125
2004 TK ₂₂	2009 12 22.9	06 04.90 +21 16.2 20.8	-1.02 - 0.9	0.8/23.0	97751
2005 QC ₇₀	2009 12 22.9	06 04.93 +27 21.8 20.6	-1.26 + 0.6	1.7/23.0	95707
2003 UK ₂₄₁	2009 12 22.9	06 04.93 +25 25.4 20.3	-0.96 + 0.9	0.7/23.0	66163
2008 HW ₃₃	2009 12 22.9	06 04.95 +15 15.5 21.3	-1.18 + 1.4	3.3/23.2	40018
2001 SB ₂₁₇	2009 12 22.9	06 04.95 +24 50.3 21.5	-1.15 + 0.6	0.5/23.0	47175
2005 LO ₂₉	2009 12 22.9	06 04.96 +21 41.7 20.8	-1.27 - 1.0	0.7/23.0	00958
1997 EF ₂₁	2009 12 22.9	06 04.97 +35 59.0 20.6	-1.14 - 1.6	4.4/23.1	47128
2000 FH ₆₈	2009 12 22.9	06 05.06 +30 27.4 19.7	-1.20 + 1.3	3.3/22.9	17910
2005 AH ₂₈	2009 12 22.9	06 05.12 +55 10.6 19.1	-2.13 -12.9	17.2/27.6	11077
2006 BP ₂₀₆	2009 12 23.0	06 05.01 +28 42.5 20.8	-1.07 - 1.7	1.7/23.1	48990
2004 PX ₇₆	2009 12 23.0	06 05.03 +33 09.0 19.4	-1.24 - 4.9	3.8/23.5	95295
2007 MF ₁₄	2009 12 23.0	06 05.07 +07 49.4 23.3	-0.79 - 0.2	3.7/23.1	22893
2002 CQ ₁₉₀	2009 12 23.0	06 05.08 +27 54.1 20.8	-1.09 - 0.6	1.5/23.0	45936
2005 QG ₂₂	2009 12 23.0	06 05.09 +20 54.0 18.8	-1.14 + 2.1	1.2/23.1	18115
2006 CP ₆₀	2009 12 23.0	06 05.10 +18 18.7 20.1	-1.03 + 3.3	1.9/23.2	38086
2001 RV ₈₃	2009 12 23.0	06 05.12 +16 03.9 20.3	-1.11 + 0.3	3.1/23.1	97459
2000 SZ ₃₁₇	2009 12 23.0	06 05.14 +18 36.1 19.3	-1.13 - 3.9	2.0/22.9	13779
2000 UC ₃₀	2009 12 23.0	06 05.14 -25 14.7 18.3	-0.91 - 9.1	21.0/14.3	02014
2005 YX ₁₂₇	2009 12 23.0	06 05.18 +26 08.2 20.3	-1.10 + 1.2	1.1/23.0	59769
2006 ET ₅₈	2009 12 23.0	06 05.20 +18 04.3 20.0	-0.92 - 0.9	1.8/23.0	47400
2005 RO ₈	2009 12 23.0	06 05.26 +20 59.3 20.5	-1.18 - 0.2	1.0/23.1	18120
2003 UA ₂₉₄	2009 12 23.0	06 05.27 +06 14.1 19.5	-0.89 + 4.7	5.7/24.2	59717
1994 SM ₁	2009 12 23.0	06 05.27 +31 48.4 20.4	-1.24 + 1.2	3.2/22.9	47125
2001 XW ₁₉₉	2009 12 23.0	06 05.28 +20 32.5 18.2	-0.98 - 2.8	1.4/23.0	66119
2008 RM ₈₆	2009 12 23.0	06 05.29 +28 13.0 21.9	-1.01 - 1.2	1.4/23.1	57499
2008 SF ₁₄₉	2009 12 23.0	06 05.31 +13 06.9 20.4	-0.89 - 1.9	3.4/22.9	46836

2005 SM ₁₁₉	2009 12 23.0	06 05.32 +10 15.5 19.6	-1.10 + 3.6	5.4/23.7	40694
2006 AG ₅₃	2009 12 23.0	06 05.33 +11 57.0 20.5	-0.97 + 3.3	3.9/23.5	26122
2008 PS ₁₅	2009 12 23.0	06 05.39 +08 08.9 20.7	-0.88 + 1.6	5.0/23.5	50137
2005 NA ₁₄	2009 12 23.0	06 05.45 +30 21.7 20.6	-1.28 - 2.6	3.0/23.2	87697
2003 VJ ₂	2009 12 23.0	06 05.48 +21 23.8 19.1	-0.99 - 4.2	0.6/23.0	66164
2002 DM ₈	2009 12 23.0	06 05.50 +19 03.5 18.6	-1.09 +10.9	2.0/23.6	62343
2005 SJ ₈₈	2009 12 23.0	06 05.53 +23 18.5 20.9	-1.18 - 0.3	0.0/23.1	16308
2001 UR ₄₃	2009 12 23.0	06 05.54 +29 41.6 19.7	-1.15 + 1.4	2.9/23.0	97490
2007 EA ₁₅₉	2009 12 23.1	06 05.45 +18 51.9 21.7	-1.14 + 0.2	1.7/23.1	46517
2003 TB ₅₉	2009 12 23.1	06 05.48 +36 56.4 19.8	-1.05 - 0.6	4.4/23.1	46068
2004 PJ ₈₂	2009 12 23.1	06 05.52 +15 44.6 19.5	-1.03 + 1.8	2.9/23.3	47299
2008 QJ ₁₇	2009 12 23.1	06 05.52 +21 16.4 21.4	-0.98 0.0	0.7/23.1	50147
2005 TH ₂₇	2009 12 23.1	06 05.53 +30 24.3 20.7	-1.23 + 1.5	2.6/23.0	43234
2000 YD ₁	2009 12 23.1	06 05.54 +15 24.1 19.9	-1.01 - 4.0	2.8/22.8	43116
2005 BF ₁₁	2009 12 23.1	06 05.54 +13 32.9 19.4	-0.87 + 2.9	3.2/23.5	47339
2003 UW ₂₁₂	2009 12 23.1	06 05.55 +39 49.9 19.9	-1.09 + 1.9	4.6/22.8	48910
2004 RV ₂₁₀	2009 12 23.1	06 05.55 +18 18.6 19.7	-1.08 - 4.5	1.9/22.9	48939
2007 EY ₂₇	2009 12 23.1	06 05.56 +13 28.4 20.5	-1.11 + 1.7	4.3/23.1	17799
2004 RD ₂₉₃	2009 12 23.1	06 05.56 +25 42.4 20.3	-1.09 - 0.2	0.8/23.1	59738
2006 BC ₂₇₇	2009 12 23.1	06 05.64 +35 16.0 20.3	-1.13 - 1.2	4.0/23.3	53476
2002 GP ₁₇₉	2009 12 23.1	06 05.66 +20 28.5 20.4	-0.99 + 3.6	0.9/23.3	03315
2005 UY ₉₄	2009 12 23.1	06 05.68 +20 08.5 20.3	-1.15 - 1.6	1.2/23.1	40696
2003 SC ₃₀₉	2009 12 23.1	06 05.69 +36 34.2 19.5	-1.07 - 2.0	4.0/23.4	47264
2002 PD ₆₇	2009 12 23.1	06 05.70 +27 26.2 20.1	-0.95 - 1.2	1.2/23.2	66134
2008 RN ₄₇	2009 12 23.1	06 05.73 +19 29.4 21.2	-1.10 + 0.9	1.4/23.2	46665
2007 EA ₇	2009 12 23.1	06 05.73 +24 47.9 21.2	-1.15 + 0.1	0.5/23.1	58891
2001 QK ₁₅₇	2009 12 23.1	06 05.74 +22 08.8 18.9	-1.14 - 0.8	0.6/23.2	60739
2005 AW ₅₆	2009 12 23.1	06 05.75 +32 53.9 19.6	-1.05 + 3.0	3.2/22.8	47338
2008 RO ₆₄	2009 12 23.1	06 05.77 +24 17.2 20.7	-0.93 + 0.8	0.3/23.2	46671
2002 CS	2009 12 23.1	06 05.78 -04 08.7 18.8	-0.98 + 7.0	16.4/25.8	08220
2004 LA ₈	2009 12 23.1	06 05.78 +17 19.7 20.6	-1.05 + 3.5	2.0/23.4	43201
2003 AJ ₆₂	2009 12 23.1	06 05.86 +27 06.2 18.7	-1.11 + 7.0	2.0/22.9	66147
2001 OR ₄₇	2009 12 23.1	06 05.86 +27 56.1 19.9	-1.25 - 2.4	1.7/23.3	16154
1995 XN ₄	2009 12 23.1	06 05.86 +12 27.8 18.8	-0.94 - 2.7	4.5/22.9	43092
2003 SK ₂₅₅	2009 12 23.1	06 05.89 +24 42.4 19.8	-1.01 - 2.8	0.5/23.2	47263
2005 YG ₁₅₂	2009 12 23.1	06 05.89 +16 28.2 19.8	-1.02 + 4.8	2.5/23.6	20832
2008 RO ₅₈	2009 12 23.1	06 05.92 +48 34.3 19.8	-1.25 0.0	8.0/23.1	49040
2005 QA ₁₇₈	2009 12 23.1	06 05.96 +16 53.7 18.9	-1.10 + 4.3	3.0/23.5	21823
2007 DZ ₂₈	2009 12 23.2	06 05.88 +15 26.2 21.2	-1.07 + 1.6	3.0/23.4	55306
2005 YP ₂₀	2009 12 23.2	06 05.89 +22 34.9 20.3	-1.08 + 2.6	0.3/23.2	28235
2006 JU ₄₀	2009 12 23.2	06 05.91 +18 51.1 21.2	-0.87 + 0.6	1.4/23.3	57053
2008 PF ₃	2009 12 23.2	06 05.92 +43 49.6 20.3	-1.17 - 2.6	6.2/23.9	51071
2006 DW ₇₄	2009 12 23.2	06 05.94 +33 07.0 21.3	-1.06 - 0.2	3.0/23.1	49992
2003 UQ ₁₂₇	2009 12 23.2	06 05.94 +09 32.3 20.8	-0.86 + 0.9	4.4/23.5	47271
2003 SB ₂₂	2009 12 23.2	06 05.94 +37 36.9 20.4	-1.10 - 1.0	4.9/23.3	47256
2007 GM ₁₇	2009 12 23.2	06 05.96 +24 18.7 20.8	-1.14 - 0.4	0.3/23.2	47427
2000 GA ₁₆₁	2009 12 23.2	06 06.00 +31 46.5 19.4	-1.04 + 2.7	2.8/22.9	47145
2007 HU ₁₄	2009 12 23.2	06 06.00 +26 48.9 21.1	-1.15 + 2.3	1.3/23.1	20633
2007 EP ₂₁	2009 12 23.2	06 06.00 +11 46.8 20.6	-1.07 + 1.0	4.6/23.5	57122
2004 PF ₄₀	2009 12 23.2	06 06.01 +03 25.3 20.3	-0.95 + 1.7	6.5/23.9	47297
2005 ST ₂₃₁	2009 12 23.2	06 06.02 +22 31.9 20.4	-1.12 + 0.1	0.4/23.2	65450

2007 DQ ₁₀₉	2009 12 23.2	06 06.02 +12 38.2 21.0	-0.98 + 0.7	3.4/23.4	47421
2005 SC ₁	2009 12 23.2	06 06.06 +24 50.5 22.3	-1.20 + 0.8	0.5/23.2	40140
2007 LT ₃	2009 12 23.2	06 06.07 +15 44.3 20.8	-0.88 0.0	2.4/23.3	47436
2006 BP ₉₄	2009 12 23.2	06 06.08 +20 53.6 20.5	-0.96 + 0.1	0.8/23.3	66250
2005 UU ₂₄	2009 12 23.2	06 06.09 +33 32.5 20.3	-1.27 + 1.3	4.1/23.1	97877
2007 JC ₂₃	2009 12 23.2	06 06.11 +21 11.5 19.6	-1.00 - 1.5	0.8/23.2	66286
2003 WM ₅₇	2009 12 23.2	06 06.11 +22 39.8 19.8	-0.90 - 0.7	0.2/23.2	66165
2004 TT ₁₈₈	2009 12 23.2	06 06.12 +09 41.1 19.2	-0.94 - 1.7	5.8/23.0	47320
2006 UK ₃₅	2009 12 23.2	06 06.18 -13 16.9 20.4	-1.16 - 6.0	17.8/21.2	39808
2004 TW ₁₀₉	2009 12 23.2	06 06.19 +34 19.0 20.0	-1.17 + 2.3	4.0/23.0	74387
2004 NR ₂₃	2009 12 23.2	06 06.21 +11 28.8 21.1	-1.04 + 2.5	4.3/23.8	40381
2008 RM ₅₄	2009 12 23.2	06 06.23 +29 39.2 20.5	-1.00 - 1.9	2.1/23.4	66324
2003 SZ ₁₉₂	2009 12 23.2	06 06.26 +30 59.1 19.5	-1.01 - 1.7	2.6/23.4	62376
2006 FR ₅₄	2009 12 23.2	06 06.27 +18 23.9 20.8	-0.85 + 0.4	1.5/23.3	47403
2003 SZ ₂₇₅	2009 12 23.2	06 06.27 +45 21.8 19.3	-1.20 - 1.3	6.7/23.8	50957
2001 SD ₅₆	2009 12 23.2	06 06.29 +19 28.0 19.8	-1.11 + 0.8	1.5/23.3	66106
2008 QZ ₃₈	2009 12 23.2	06 06.29 +38 56.2 19.9	-1.11 - 1.0	5.1/23.3	49037
2001 US ₁₅	2009 12 23.2	06 06.32 +25 25.0 20.4	-1.16 - 0.5	0.7/23.3	17962
2001 QO ₂₆₅	2009 12 23.2	06 06.38 +21 10.3 20.7	-1.13 - 0.4	0.8/23.3	17941
2003 UR ₁₄₂	2009 12 23.2	06 06.39 +17 49.9 18.8	-0.90 - 2.6	1.8/23.2	66162
2004 NR ₇	2009 12 23.2	06 06.40 +02 31.3 20.0	-0.97 + 2.7	6.9/24.3	40125
1998 SP ₁₈	2009 12 23.2	06 06.40 +10 27.4 19.8	-1.05 + 1.0	6.0/23.5	40663
2004 JN ₃₀	2009 12 23.2	06 06.42 +21 43.8 19.7	-1.17 + 1.7	0.7/23.3	59725
2008 RX ₃₀	2009 12 23.2	06 06.43 +40 02.0 21.0	-1.31 - 0.5	6.1/23.2	55499
2000 SU ₁₀₉	2009 12 23.3	06 06.37 +03 06.6 19.2	-0.95 - 0.8	8.6/23.5	19527
2004 PC ₈₁	2009 12 23.3	06 06.38 +27 54.0 20.7	-1.12 - 0.3	1.5/23.3	18081
2000 SR ₅₇	2009 12 23.3	06 06.39 +28 14.9 20.5	-1.13 + 0.2	1.7/23.3	59657
2006 BW ₅₇	2009 12 23.3	06 06.39 +24 19.0 19.4	-1.05 - 3.2	0.3/23.3	47378
2005 UZ ₃₈	2009 12 23.3	06 06.42 +24 48.0 20.7	-1.15 + 1.5	0.6/23.3	96091
2007 EJ ₃₅	2009 12 23.3	06 06.44 +14 59.3 19.0	-1.09 + 3.6	3.8/23.7	47422
2008 RY ₃	2009 12 23.3	06 06.47 +05 49.3 21.4	-0.87 + 0.2	5.7/23.6	49037
2002 CR ₃₀₄	2009 12 23.3	06 06.49 -22 57.0 19.1	-0.92 + 3.9	18.7/26.7	22698
2000 KA ₂₂	2009 12 23.3	06 06.49 +25 06.3 20.6	-1.17 + 1.3	0.6/23.3	43106
2001 QY ₂₈₅	2009 12 23.3	06 06.53 +19 54.5 20.6	-1.14 - 1.8	1.3/23.3	10783
2006 DZ ₁₉₀	2009 12 23.3	06 06.57 +31 48.4 21.1	-0.93 + 0.8	2.3/23.2	51029
2003 TN ₉	2009 12 23.3	06 06.58 +12 19.1 20.1	-0.88 - 0.5	3.6/23.4	48904
2004 RC ₁₉₉	2009 12 23.3	06 06.58 +28 26.0 19.1	-1.11 - 1.5	1.8/23.4	18092
2002 GL ₅	2009 12 23.3	06 06.58 +29 20.1 19.4	-1.38 + 0.2	2.3/23.3	39166
2005 NF ₆₇	2009 12 23.3	06 06.60 +25 00.8 20.0	-1.23 - 0.6	0.6/23.3	58504
2008 TO ₉₆	2009 12 23.3	06 06.66 +15 04.5 20.9	-0.87 - 1.5	2.5/23.3	58170
1997 TY ₁	2009 12 23.3	06 06.70 +21 20.5 17.9	-1.04 - 1.4	1.0/23.4	20726
2004 PT ₄₀	2009 12 23.3	06 06.74 +37 29.1 19.5	-1.22 - 4.2	5.9/24.0	97719
2008 RL ₇₄	2009 12 23.3	06 06.77 +31 32.0 21.2	-0.99 + 0.2	2.3/23.3	49040
2005 SZ ₅₇	2009 12 23.3	06 06.78 +19 32.6 22.1	-1.16 + 0.2	1.5/23.4	21827
2008 RD ₁₁₃	2009 12 23.3	06 06.78 +12 19.5 20.3	-0.85 - 1.2	3.6/23.3	50201
2003 SW ₁₃₁	2009 12 23.3	06 06.80 +03 27.9 19.8	-0.86 - 0.5	6.7/23.7	47259
2005 EN ₈₀	2009 12 23.3	06 06.81 +14 07.9 19.8	-0.89 + 3.5	3.2/23.8	43230
2006 BU ₁₄₆	2009 12 23.3	06 06.83 +27 22.8 19.7	-1.07 + 0.9	1.8/23.3	97085
2000 GR ₁₀₅	2009 12 23.3	06 06.83 +15 40.0 19.3	-0.96 + 4.4	2.5/23.8	04135
2006 UF ₁₅₀	2009 12 23.3	06 06.83 +43 56.7 20.0	-1.87 +12.2	9.7/21.0	40166
2000 SX ₃₄₈	2009 12 23.3	06 06.84 +13 41.0 20.2	-1.04 + 3.8	3.7/23.9	97405

2001 SO ₂₂₅	2009 12 23.3	06 06.84 +20 51.7 20.0	-1.10 + 0.3	1.2/23.4	97472
2005 YX ₁₅₂	2009 12 23.3	06 06.87 +23 32.9 18.1	-1.12 + 8.2	0.1/23.4	66243
2004 TD ₇₀	2009 12 23.4	06 06.78 +16 57.7 19.7	-0.99 + 0.3	2.5/23.5	59742
2005 SV ₇₁	2009 12 23.4	06 06.85 +21 45.4 20.8	-1.18 + 1.5	0.7/23.5	03726
2005 TR ₇₃	2009 12 23.4	06 06.86 +33 31.7 20.5	-1.32 + 1.2	3.9/23.3	03743
2002 AL ₁₉₃	2009 12 23.4	06 06.86 +24 21.5 19.2	-1.12 - 1.9	0.4/23.4	94543
2005 YS ₁₆₆	2009 12 23.4	06 06.87 +16 55.0 20.9	-1.00 + 0.7	2.9/23.5	09480
2007 TO ₁₆₁	2009 12 23.4	06 06.87 +24 26.0 19.8	-0.60 - 0.5	0.2/23.4	59121
1999 VQ ₇₄	2009 12 23.4	06 06.92 +31 00.8 20.1	-1.07 + 1.5	2.6/23.2	66089
2008 SJ ₁₇₅	2009 12 23.4	06 06.94 +14 34.7 21.3	-0.87 - 0.6	2.4/23.5	46861
2003 UF ₁₆	2009 12 23.4	06 06.96 +08 28.0 19.5	-0.87 - 1.0	5.4/23.5	58824
2003 SB ₁₇₀	2009 12 23.4	06 06.96 +31 22.6 18.8	-1.52 -10.2	3.9/24.2	66157
2005 QR ₇₁	2009 12 23.4	06 06.99 +12 03.9 20.0	-1.12 + 1.9	5.2/23.9	04340
2004 TG ₈₆	2009 12 23.4	06 07.03 +05 48.4 21.8	-0.95 - 0.4	5.9/23.6	20361
1998 SG ₃₃	2009 12 23.4	06 07.04 -19 07.6 19.2	-1.11 + 0.1	21.4/25.2	60721
2003 SA ₁₂₄	2009 12 23.4	06 07.06 +34 11.2 21.3	-1.07 + 1.7	3.3/23.2	47259
2006 FH ₃₂	2009 12 23.4	06 07.10 +37 59.0 20.7	-1.02 + 0.8	4.0/23.2	46453
2005 EZ ₁₇₂	2009 12 23.4	06 07.10 +10 40.2 20.5	-0.85 + 1.9	4.1/23.9	02247
2005 TG ₁₀₃	2009 12 23.4	06 07.10 +25 42.9 19.3	-1.20 - 2.2	0.9/23.5	40695
2007 GU	2009 12 23.4	06 07.12 +34 33.2 21.2	-1.07 + 0.9	3.2/23.3	59793
2004 TU ₁₇₄	2009 12 23.4	06 07.14 +36 43.3 20.6	-1.18 + 1.6	5.0/23.2	20808
2006 CB ₆₁	2009 12 23.4	06 07.14 -05 58.8 19.1	-0.88 + 6.9	13.8/27.0	01319
2008 RD	2009 12 23.4	06 07.14 +48 44.7 22.8	-1.37 + 0.4	7.1/23.4	49037
2005 XL ₇₃	2009 12 23.4	06 07.14 +26 46.0 19.9	-1.16 - 4.7	1.2/23.6	40698
2005 SC ₂₃₄	2009 12 23.4	06 07.15 +20 18.2 20.4	-1.16 + 0.3	1.2/23.5	21838
2006 DQ ₈₂	2009 12 23.4	06 07.16 +23 33.4 20.5	-0.98 - 0.2	0.0/23.5	58525
2004 RK ₁₀₂	2009 12 23.4	06 07.17 +25 00.9 21.3	-1.08 - 0.8	0.5/23.5	47305
2008 QC ₃₇	2009 12 23.4	06 07.22 +29 24.8 20.8	-1.00 - 0.5	2.0/23.5	46632
2006 DF ₇₈	2009 12 23.4	06 07.23 +28 43.1 20.5	-1.01 + 0.3	1.7/23.4	48995
2003 UU ₂₂₇	2009 12 23.4	06 07.24 +16 27.3 18.9	-0.90 - 2.5	2.4/23.4	66163
2007 JE ₁₂	2009 12 23.4	06 07.25 +02 45.8 20.8	-0.81 0.0	5.8/23.9	58567
2007 GD ₄₇	2009 12 23.4	06 07.28 +14 45.2 20.6	-0.95 + 0.3	3.0/23.6	46533
2007 DT ₁₀₆	2009 12 23.4	06 07.33 +27 27.3 19.5	-1.22 + 3.5	1.7/23.3	33536
2007 LT ₇	2009 12 23.5	06 07.22 +04 56.0 20.5	-0.85 + 1.9	5.7/24.2	49022
2006 HZ ₁₀₅	2009 12 23.5	06 07.23 +17 32.3 20.0	-0.87 - 2.2	1.7/23.4	47409
2001 RR ₄₆	2009 12 23.5	06 07.24 +68 44.2 19.5	-3.04 + 4.2	22.1/21.2	66105
2007 BW ₈₀	2009 12 23.5	06 07.25 +30 08.7 21.1	-1.31 - 1.1	2.7/23.5	41311
2008 SP ₅₅	2009 12 23.5	06 07.26 +27 04.2 21.4	-1.01 + 0.3	1.1/23.5	46757
2008 RT ₂₇	2009 12 23.5	06 07.26 +42 21.4 19.5	-1.18 - 3.2	6.2/24.3	49039
2003 UM ₉₄	2009 12 23.5	06 07.28 +34 55.7 20.0	-1.04 + 1.0	4.0/23.3	00614
1997 PO	2009 12 23.5	06 07.30 +00 55.8 22.2	-0.82 + 2.5	5.4/24.6	47129
2006 AD ₄₆	2009 12 23.5	06 07.31 +18 21.2 20.2	-1.01 + 1.3	2.2/23.6	66247
2003 UZ ₁₀₇	2009 12 23.5	06 07.33 +27 24.9 20.3	-0.97 - 2.2	1.2/23.6	47271
2006 DM ₂₁₆	2009 12 23.5	06 07.33 +45 29.7 20.0	-1.26 + 0.1	9.2/23.3	40161
2005 LE ₄₀	2009 12 23.5	06 07.36 +20 34.8 21.4	-1.21 + 1.8	1.1/23.6	40134
1999 VJ ₁₄₃	2009 12 23.5	06 07.40 +35 40.5 19.3	-1.29 + 3.4	6.3/23.1	66089
1998 HW ₁₁	2009 12 23.5	06 07.41 +24 20.2 19.6	-1.10 + 5.9	0.3/23.5	93721
2002 EZ ₄₇	2009 12 23.5	06 07.43 +24 03.4 20.7	-1.04 - 0.1	0.2/23.5	18001
1999 VM ₄₆	2009 12 23.5	06 07.45 +17 12.9 18.8	-1.41 - 4.7	3.3/23.3	60725
2003 SY ₄₂₈	2009 12 23.5	06 07.45 +19 31.3 21.0	-0.95 - 0.4	1.2/23.6	48904
2001 JP ₇	2009 12 23.5	06 07.50 +28 03.6 20.9	-1.24 + 2.6	1.7/23.4	21764

2007 HL ₃₇	2009 12 23.5	06 07.53 +22 07.3	20.0	-1.14	+	3.2	0.6/23.6	21687
2004 XQ ₂₈	2009 12 23.5	06 07.54 +14 43.3	19.0	-0.90	+	3.3	3.0/24.0	47330
2001 SN ₁₀₀	2009 12 23.5	06 07.55 +13 22.4	19.5	-1.07	-	0.8	4.2/23.5	59666
2004 RR ₂₅₃	2009 12 23.5	06 07.61 -03 19.4	19.3	-0.90	+	5.9	11.8/26.4	95430
2005 SM ₃₅	2009 12 23.5	06 07.61 +32 19.4	20.3	-1.19	+	2.3	4.4/23.3	97813
2005 QT ₃₁	2009 12 23.5	06 07.62 +19 40.7	20.1	-1.20	-	2.0	1.5/23.5	16297
2000 SJ ₂₄₀	2009 12 23.5	06 07.63 -15 49.6	19.0	-1.05	-	7.2	14.6/21.4	66096
2000 NF ₁₉	2009 12 23.5	06 07.68 +27 50.3	19.7	-1.16	-	0.8	1.6/23.6	17914
2007 GM ₂₉	2009 12 23.5	06 07.70 +26 44.0	20.6	-1.10		0.0	1.1/23.6	49019
2006 GE ₅₂	2009 12 23.5	06 07.71 -11 32.4	21.6	-0.76	-	0.4	8.5/23.6	04373
2005 UW ₃₁₅	2009 12 23.5	06 07.71 +22 30.6	19.6	-1.07	+	1.8	0.4/23.6	97937
2004 TX ₃₅₀	2009 12 23.6	06 07.68 +27 47.2	19.8	-1.04	+	1.9	1.7/23.5	74423
2004 OJ ₄	2009 12 23.6	06 07.71 +25 44.9	20.8	-1.12	+	1.6	0.8/23.6	65922
2008 VK ₂₇	2009 12 23.6	06 07.72 +20 02.1	20.2	-0.85	-	0.8	1.0/23.6	66336
2006 BV ₁₇₉	2009 12 23.6	06 07.73 +16 38.4	20.4	-0.96	+	2.0	2.4/23.8	26129
2008 RL ₆₂	2009 12 23.6	06 07.75 +31 49.3	20.9	-1.06	+	0.2	2.7/23.5	50179
2008 TW ₁₀	2009 12 23.6	06 07.76 +13 04.4	21.2	-0.84	+	0.2	3.0/23.8	49074
2006 BQ ₆₉	2009 12 23.6	06 07.78 +30 29.5	20.1	-1.10	+	0.6	2.7/23.5	43253
2008 TA ₆₂	2009 12 23.6	06 07.79 +18 29.3	19.7	-0.90	+	2.5	1.5/23.8	46943
2005 SK ₂₁₈	2009 12 23.6	06 07.81 +24 13.4	19.1	-1.16	+	2.9	0.3/23.6	95932
2008 UA ₃₂₈	2009 12 23.6	06 07.82 +20 03.6	20.6	-0.87	-	1.5	1.0/23.6	50641
2002 PJ ₁₂₀	2009 12 23.6	06 07.85 -01 11.2	20.0	-0.80	+	1.6	7.6/24.6	47221
2004 TM ₃₆₉	2009 12 23.6	06 07.86 +17 20.0	20.0	-0.98	-	2.2	2.1/23.5	65409
2007 DB ₂₁	2009 12 23.6	06 07.86 +31 21.3	19.5	-1.25	-	0.5	3.8/23.6	20849
2003 QE ₂₁	2009 12 23.6	06 07.88 +47 41.9	19.5	-1.27	-	1.2	8.9/24.2	59702
2008 JU ₂₀	2009 12 23.6	06 07.88 +30 50.0	20.6	-1.31	+	2.3	2.8/23.4	59134
2002 RR ₄₄	2009 12 23.6	06 07.89 +13 57.9	20.1	-1.18	+	2.1	4.0/24.0	39170
2002 GR ₃	2009 12 23.6	06 07.90 -34 39.0	18.4	-0.65	-	17.8	29.8/08.0	66131
2004 FX ₃₀	2009 12 23.6	06 07.93 +48 18.3	20.5	-1.68	+	6.8	9.1/21.7	62388
2004 RT ₁₉₃	2009 12 23.6	06 07.96 +36 48.1	18.1	-1.10	-	1.8	6.1/23.8	66179
2003 HR ₅₈	2009 12 23.6	06 07.96 -15 59.7	19.6	-1.23	+	16.5	21.0/01.9	61878
2006 BC ₂₃₈	2009 12 23.6	06 07.99 +30 54.4	21.1	-1.09	-	0.3	2.8/23.6	97130
2005 UU ₁₇₀	2009 12 23.6	06 07.99 +26 21.3	19.9	-1.14	-	0.1	1.3/23.6	19662
2008 SF ₁₃₄	2009 12 23.6	06 07.99 +15 46.8	21.2	-0.96	+	0.1	2.6/23.8	46824
2004 PQ ₅₅	2009 12 23.6	06 08.03 +26 28.9	21.1	-1.10	+	0.7	1.0/23.6	47298
2002 AM ₄₂	2009 12 23.6	06 08.04 +18 28.0	19.2	-1.05	+	1.4	1.8/23.8	48855
2004 LY ₇	2009 12 23.6	06 08.10 +25 09.1	19.3	-1.15	+	4.9	0.6/23.6	19613
2004 PM ₃₈	2009 12 23.6	06 08.12 -01 59.9	19.8	-0.97	+	4.3	8.7/25.6	40382
2004 RS ₂₅₃	2009 12 23.6	06 08.12 +09 44.0	19.2	-0.97	+	4.5	5.6/24.5	47310
2001 SC ₃₀	2009 12 23.6	06 08.14 +12 21.5	19.4	-1.06	+	0.5	4.7/23.9	60742
2000 UH ₅₅	2009 12 23.6	06 08.15 +04 51.9	18.1	-0.92	-	2.5	8.2/23.5	57346
2008 PB ₁₃	2009 12 23.6	06 08.15 +24 52.7	20.3	-1.18	+	0.2	0.5/23.7	58921
2001 SF ₃₁₉	2009 12 23.6	06 08.20 +26 08.8	20.8	-1.18	+	0.9	1.1/23.7	94118
2008 RV ₇₈	2009 12 23.7	06 08.10 +34 20.4	21.2	-0.98	-	1.2	3.2/23.8	49041
2006 HG ₈₅	2009 12 23.7	06 08.11 +23 54.8	20.9	-0.89	+	0.2	0.1/23.7	49005
2003 UW ₂₂₀	2009 12 23.7	06 08.13 +11 14.9	19.8	-0.88	-	1.3	3.8/23.7	48910
2005 CG ₆₄	2009 12 23.7	06 08.13 +13 29.4	19.8	-0.86	+	2.4	3.2/24.1	21349
2005 LN ₆	2009 12 23.7	06 08.14 +13 55.4	19.9	-1.26	+	7.8	4.1/24.6	90214
2001 XK ₄	2009 12 23.7	06 08.14 +39 41.2	19.1	-1.88	+	16.0	7.9/21.3	58420
2004 RY ₁₀₆	2009 12 23.7	06 08.14 +40 10.7	20.7	-1.27	-	1.5	5.7/23.9	48937
2007 HL ₁₄	2009 12 23.7	06 08.17 +24 47.0	21.1	-1.04	+	0.5	0.5/23.7	47430

2002 KM ₉	2009 12 23.7	06 08.22 +12 13.4	18.8	-1.09	+	4.9	4.2/24.3	02106
2008 RE ₄₇	2009 12 23.7	06 08.27 +17 25.4	21.0	-0.86	+	0.3	1.7/23.8	47466
2005 SP ₁₀₆	2009 12 23.7	06 08.28 +13 37.5	19.7	-1.06	-	0.5	4.7/23.8	21832
2004 PA ₂₆	2009 12 23.7	06 08.30 +15 42.5	20.6	-1.03	+	1.9	2.8/24.0	97718
2007 DX ₂₆	2009 12 23.7	06 08.30 +38 01.4	19.9	-1.33	-	0.5	6.9/23.7	19702
2001 OQ ₁₆	2009 12 23.7	06 08.32 +29 19.8	20.3	-1.33	+	5.2	2.2/23.4	60737
2001 WD ₁₄	2009 12 23.7	06 08.33 +11 48.4	17.3	-0.94	+	3.4	5.8/24.4	64171
2006 SS ₁₂	2009 12 23.7	06 08.35 -14 30.0	20.4	-1.20	-	1.2	17.8/23.8	39256
2005 EY ₄₀	2009 12 23.7	06 08.35 +35 35.1	19.4	-1.07	+	5.0	4.3/22.9	66196
2001 RR ₈₉	2009 12 23.7	06 08.36 +24 40.0	20.6	-1.16	+	1.0	0.5/23.7	97459
1999 DG ₁	2009 12 23.7	06 08.37 +31 16.8	18.4	-1.53	-	15.6	4.2/24.8	42573
2006 BG ₂₆₆	2009 12 23.7	06 08.39 +08 06.0	20.2	-0.79	-	0.3	4.3/23.9	47386
2002 EJ ₁₀₃	2009 12 23.7	06 08.43 +34 25.8	19.9	-1.12	+	0.6	3.7/23.6	48863
2005 NU ₇₀	2009 12 23.7	06 08.43 +24 14.3	21.2	-1.23	+	1.8	0.3/23.7	39217
2003 YZ ₃	2009 12 23.7	06 08.44 +03 31.5	19.3	-0.94	-	6.6	6.6/22.7	52387
2005 UQ ₅₄	2009 12 23.7	06 08.49 +16 26.7	19.7	-1.11	-	1.2	2.8/23.8	66220
2006 KB ₈₃	2009 12 23.7	06 08.50 +11 31.5	20.4	-0.87	+	2.8	4.0/24.3	22554
2005 SM ₁₃	2009 12 23.7	06 08.50 +11 48.7	21.1	-1.10	+	0.1	4.5/23.9	21825
2001 ST ₉₄	2009 12 23.7	06 08.51 +21 29.0	20.3	-1.13	-	0.4	0.8/23.8	40095
2004 LN ₂	2009 12 23.7	06 08.52 +26 00.7	19.5	-1.19	-	5.0	0.9/23.9	97710
2003 WS ₁₆₄	2009 12 23.7	06 08.52 +22 23.8	20.1	-0.90	+	0.3	0.4/23.8	47282
2002 TT ₂₇₁	2009 12 23.7	06 08.53 +29 02.7	19.5	-1.23	-	1.0	2.8/23.8	17449
2004 RQ ₅₇	2009 12 23.7	06 08.54 +42 33.2	19.8	-1.31	-	3.3	7.1/24.4	41810
2001 RE ₁₀₃	2009 12 23.7	06 08.55 +29 09.6	21.2	-1.21	-	0.3	2.0/23.7	58411
1999 TV ₃₃₂	2009 12 23.7	06 08.55 +29 31.5	20.3	-1.05	+	0.2	2.2/23.7	48812
2008 KK ₉	2009 12 23.7	06 08.57 +22 02.1	21.6	-1.20	+	1.2	0.5/23.8	40622
2006 EC ₉	2009 12 23.7	06 08.58 +06 19.4	21.5	-0.83	+	1.0	4.9/24.2	47398
2001 TC ₂₂₉	2009 12 23.7	06 08.64 +18 02.3	20.1	-1.09	-	0.5	2.2/23.8	66111
2007 ES ₄₈	2009 12 23.7	06 08.64 +31 47.9	21.1	-1.22	+	1.6	3.1/23.6	20853
2004 PL ₄₀	2009 12 23.8	06 08.54 +03 30.9	19.4	-0.96	+	2.2	6.8/24.8	40687
2004 RB ₂₈₈	2009 12 23.8	06 08.57 +30 23.3	19.0	-1.08	+	1.5	2.7/23.6	66180
2005 UQ ₃₈₇	2009 12 23.8	06 08.57 +23 30.4	20.5	-1.13	-	0.7	0.0/23.8	46315
2007 HY ₃₂	2009 12 23.8	06 08.58 +04 08.0	16.9	-0.96	-	5.2	9.2/23.1	64321
2004 NL ₁₁	2009 12 23.8	06 08.60 +21 03.0	19.5	-1.09	+	4.0	0.9/23.9	21813
2001 UG ₆₄	2009 12 23.8	06 08.62 +28 33.6	20.1	-1.16	-	0.7	2.3/23.8	90105
2005 NV ₁	2009 12 23.8	06 08.63 +48 03.1	20.1	-1.77	-	10.0	10.3/26.6	14181
2003 UV ₂₆₉	2009 12 23.8	06 08.65 +43 24.6	19.8	-1.15	+	4.2	8.0/22.7	58037
2001 SL ₂₉₉	2009 12 23.8	06 08.66 +37 19.9	20.1	-1.26	-	0.9	6.3/23.8	17954
2008 TQ ₈	2009 12 23.8	06 08.70 +10 04.9	20.3	-0.83	+	0.2	4.2/24.0	46917
2004 TA ₂₄₃	2009 12 23.8	06 08.71 +21 43.3	19.6	-1.06	+	4.8	0.6/23.9	66187
1999 VN ₁₁₅	2009 12 23.8	06 08.73 +24 16.4	20.9	-0.98	+	1.1	0.3/23.8	97360
2007 FF ₃₄	2009 12 23.8	06 08.74 +12 55.1	20.1	-1.05	+	0.2	4.8/24.0	20587
2008 QP ₃₆	2009 12 23.8	06 08.78 +19 06.4	21.1	-1.00	+	0.4	1.4/23.9	49037
2004 TM ₅₇	2009 12 23.8	06 08.80 +07 59.4	21.7	-0.95	-	0.4	4.9/24.0	42720
2007 GQ ₆₄	2009 12 23.8	06 08.83 +22 14.0	21.0	-1.12	-	0.4	0.5/23.9	31529
2005 QX ₈	2009 12 23.8	06 08.85 +14 51.3	20.0	-1.12	+	1.6	3.8/24.1	20379
2007 DR ₅₃	2009 12 23.8	06 08.87 +17 46.4	21.0	-1.06		0.0	1.9/23.9	47420
2004 VX ₆₅	2009 12 23.8	06 08.93 +24 02.3	20.6	-1.01	-	0.7	0.2/23.9	43223
2008 OZ ₂	2009 12 23.8	06 08.94 +27 50.8	20.8	-1.21	-	0.1	1.7/23.8	49034
2004 RH ₁₆₉	2009 12 23.8	06 08.95 +19 07.0	20.3	-1.04	+	0.8	1.6/24.0	47307
2006 BE ₆₆	2009 12 23.8	06 08.96 +34 22.5	20.0	-1.12	-	3.3	5.2/24.2	97031

2006 DJ ₅₂	2009 12 23.8	06 09.02 +24 56.6 20.4	-0.97 + 1.0	0.5/23.9	48994
1999 VV ₄₁	2009 12 23.8	06 09.04 +29 28.9 21.6	-1.03 - 0.1	1.9/23.8	48813
2003 US ₂₂₆	2009 12 23.8	06 09.04 +25 24.9 19.8	-0.93 - 0.5	0.6/23.9	47274
2002 GL ₈₂	2009 12 23.8	06 09.05 +00 07.8 19.7	-0.90 + 0.1	8.3/24.2	48865
2005 ST ₂₁₇	2009 12 23.8	06 09.06 +14 10.3 19.3	-1.07 + 0.7	4.1/24.1	19655
2005 UE ₄₆	2009 12 23.8	06 09.06 +24 03.7 20.0	-1.09 + 1.9	0.3/23.9	96099
2006 AB ₁	2009 12 23.8	06 09.08 +20 06.6 19.4	-1.03 + 0.8	1.5/24.0	66246
2003 UB ₁₄	2009 12 23.9	06 09.02 +37 17.1 19.6	-1.07 - 0.7	4.8/23.9	47268
2002 EZ ₁₁₂	2009 12 23.9	06 09.06 +12 14.7 22.0	-0.90 + 0.9	3.2/24.1	48864
2003 GH ₃₉	2009 12 23.9	06 09.10 +15 11.0 21.6	-0.97 + 1.4	2.6/24.1	19101
1998 RX ₅₀	2009 12 23.9	06 09.11 +35 04.8 19.4	-1.31 - 1.3	5.1/24.0	22658
2006 HX ₃₆	2009 12 23.9	06 09.16 +44 29.2 21.3	-1.09 + 0.6	5.3/23.6	46466
2006 DE ₁₃₂	2009 12 23.9	06 09.16 +06 02.6 20.1	-0.91 + 3.3	6.2/24.9	47395
2007 ES ₁₃₀	2009 12 23.9	06 09.17 +27 05.4 20.6	-1.19 + 0.2	1.4/23.9	47423
2003 UQ ₈₅	2009 12 23.9	06 09.21 +21 39.6 19.7	-0.93 + 0.8	0.6/24.0	66161
2003 BS ₁₀	2009 12 23.9	06 09.23 +22 28.3 18.7	-1.14 + 3.0	0.4/24.0	41787
2004 FX ₈	2009 12 23.9	06 09.23 +27 56.9 19.1	-1.24 + 3.0	1.8/23.8	18068
2007 GW ₆	2009 12 23.9	06 09.26 +23 29.1 21.8	-1.11 + 0.3	0.0/23.9	60524
2003 FD ₁₀₈	2009 12 23.9	06 09.28 +20 11.6 19.9	-1.03 - 1.2	1.0/23.9	47246
2003 QW ₂₈	2009 12 23.9	06 09.29 +12 09.0 20.9	-0.93 - 0.5	3.6/24.1	59702
2003 FR ₅₆	2009 12 23.9	06 09.30 +37 11.8 18.8	-1.20 + 1.2	6.9/23.7	97645
2005 CG ₄	2009 12 23.9	06 09.30 -13 08.4 18.6	-1.22 +16.8	19.2/01.7	62417
2005 UZ ₁₅₂	2009 12 23.9	06 09.31 +27 16.8 20.4	-1.18 + 0.9	1.6/23.9	47356
2002 LF ₅₈	2009 12 23.9	06 09.31 +19 33.8 20.0	-0.94 + 2.1	1.3/24.1	66133
2008 PB ₈	2009 12 23.9	06 09.31 +13 14.7 21.3	-1.12 + 0.5	3.7/24.1	47450
2004 PS ₇₇	2009 12 23.9	06 09.32 +21 47.8 20.3	-1.08 - 0.7	0.6/24.0	47299
2004 TJ ₅₀	2009 12 23.9	06 09.34 +32 40.4 20.2	-1.09 + 0.4	3.0/23.8	48944
2008 TL ₇₉	2009 12 23.9	06 09.34 +38 57.1 20.3	-1.07 + 1.6	5.1/23.5	50417
2005 EG ₂	2009 12 23.9	06 09.38 +57 14.8 19.3	-2.14 - 5.9	16.5/26.5	09118
2004 RO ₁₁₂	2009 12 23.9	06 09.39 +23 54.3 19.4	-1.15 - 5.0	0.2/24.0	74339
2008 SF ₂₆₀	2009 12 23.9	06 09.45 +07 31.4 22.1	-0.93 + 0.8	4.8/24.3	46905
2000 QF ₁₇₈	2009 12 23.9	06 09.46 +39 07.6 20.2	-1.28 - 3.1	5.5/24.4	47148
2007 JE ₅	2009 12 23.9	06 09.46 +09 27.0 21.4	-0.94 - 0.6	4.3/24.1	49021
2008 QF ₄₁	2009 12 23.9	06 09.47 +12 17.5 21.2	-0.90 + 0.7	3.8/24.2	58153
2001 XQ ₁₈₈	2009 12 23.9	06 09.52 +17 47.5 18.7	-1.04 + 3.6	2.3/24.3	62333
2002 TA ₄₉	2009 12 23.9	06 09.53 +36 52.0 20.0	-1.41 + 1.0	6.0/23.9	59685
2000 TQ ₃₈	2009 12 23.9	06 09.55 +28 46.7 19.2	-1.21 + 2.1	2.1/23.9	40356
2006 CR ₄₈	2009 12 24.0	06 09.43 +14 17.3 20.3	-0.95 + 1.7	3.3/24.3	41844
2003 FN ₁₁₆	2009 12 24.0	06 09.43 +27 41.1 18.3	-1.10 + 2.0	2.1/23.9	60785
2004 NT ₂₃	2009 12 24.0	06 09.45 +28 05.9 19.8	-1.17 - 3.5	1.7/24.1	59726
2008 QZ ₂₅	2009 12 24.0	06 09.48 +12 51.1 20.4	-0.90 + 1.7	3.5/24.4	47456
2001 WW ₂	2009 12 24.0	06 09.48 +32 13.8 20.6	-1.21 + 1.5	3.2/23.8	47186
2001 WP ₅₈	2009 12 24.0	06 09.52 +33 40.2 19.7	-1.22 + 2.6	4.1/23.6	20753
2000 BO ₁₀	2009 12 24.0	06 09.52 +16 45.6 19.7	-0.91 + 3.2	2.2/24.3	47141
2005 QZ ₄₉	2009 12 24.0	06 09.53 +29 12.3 20.1	-1.26 + 2.5	2.4/23.8	18116
2006 HA ₃₅	2009 12 24.0	06 09.53 +26 01.0 20.2	-0.95 + 0.7	0.8/24.0	49004
2008 QL ₁₁	2009 12 24.0	06 09.53 +29 07.2 20.2	-1.11 - 2.7	1.9/24.1	46614
2005 TT ₂₆	2009 12 24.0	06 09.55 +19 01.4 19.5	-1.09 + 0.2	2.0/24.1	66216
2005 UA ₁₆₈	2009 12 24.0	06 09.61 +23 33.1 19.8	-1.09 0.0	0.1/24.0	97909
2002 FF ₂₂	2009 12 24.0	06 09.62 +21 56.4 20.3	-0.95 + 2.2	0.4/24.1	47210
2008 QM ₁₄	2009 12 24.0	06 09.64 +31 14.4 21.1	-1.07 - 0.7	2.8/24.0	47454

2008 RO ₃	2009 12 24.0	06 09.66 +21 27.8 20.3	-0.89 - 0.3	0.7/24.1	57170
2003 FM ₆	2009 12 24.0	06 09.71 -15 33.6 21.8	-0.90 + 0.3	10.5/25.3	58449
2006 HU ₃	2009 12 24.0	06 09.73 +19 34.5 21.2	-0.87 + 0.9	1.1/24.1	58527
2001 WO ₃₆	2009 12 24.0	06 09.78 +21 47.8 19.4	-1.07 + 2.4	0.8/24.1	37944
2001 WL ₇₀	2009 12 24.0	06 09.78 +28 29.0 20.2	-1.16 + 2.2	1.9/23.9	43137
2005 WJ ₁₈₆	2009 12 24.0	06 09.80 +15 32.4 20.2	-1.03 + 4.7	3.2/24.5	98015
2003 WH ₅₅	2009 12 24.0	06 09.81 +21 32.1 18.9	-0.91 - 2.6	0.6/24.0	66165
1995 SG ₈	2009 12 24.0	06 09.86 +38 23.4 19.4	-1.16 - 1.1	6.6/24.2	97325
2008 RG ₄₈	2009 12 24.0	06 09.89 +32 29.9 20.3	-1.08 + 1.1	2.9/23.9	49039
2006 HF ₈₉	2009 12 24.0	06 09.96 +31 48.3 20.2	-0.96 + 3.3	2.4/23.7	49005
2001 SV ₃₀₇	2009 12 24.0	06 09.97 +26 02.5 21.0	-1.18 + 0.6	1.0/24.1	03230
2001 PQ ₅₈	2009 12 24.0	06 09.99 +31 33.6 19.2	-1.25 0.0	3.6/24.1	17935
2001 VG ₁₁₁	2009 12 24.1	06 09.89 +31 19.7 19.4	-1.24 + 1.7	3.3/23.9	97508
1999 RK ₂₁₉	2009 12 24.1	06 09.91 +30 16.8 19.5	-1.36 - 1.3	3.1/24.2	14589
2002 CG ₇₇	2009 12 24.1	06 09.91 +21 22.7 19.6	-1.05 + 1.6	0.8/24.2	47200
2008 SZ ₅₀	2009 12 24.1	06 09.92 +14 11.1 21.9	-0.99 + 0.2	2.9/24.2	46752
2005 NF ₄	2009 12 24.1	06 09.93 +22 38.1 19.8	-1.21 - 0.6	0.4/24.1	57424
2003 UU ₁₁₂	2009 12 24.1	06 09.95 +32 16.7 18.8	-1.02 + 3.1	2.9/23.7	66162
2003 SV ₁₇₆	2009 12 24.1	06 09.98 +08 02.7 20.0	-0.87 + 1.0	5.3/24.5	47260
2008 SL ₂₆	2009 12 24.1	06 09.98 +22 04.7 20.5	-0.94 + 1.1	0.4/24.2	49046
2004 TA ₂₅₈	2009 12 24.1	06 09.98 +32 38.5 20.3	-1.11 + 0.7	3.1/24.0	48949
2007 HM ₉	2009 12 24.1	06 10.02 +18 50.7 20.9	-0.98 - 0.6	1.5/24.2	49020
2007 GX ₅₉	2009 12 24.1	06 10.02 +23 51.0 19.8	-1.12 - 0.2	0.2/24.1	41871
2001 OT ₁₀₀	2009 12 24.1	06 10.04 +29 30.5 20.4	-1.22 - 0.1	2.2/24.1	16155
2006 KN ₃₈	2009 12 24.1	06 10.06 -08 20.7 22.3	-0.76 + 0.9	7.3/24.6	26174
2003 XL ₃₄	2009 12 24.1	06 10.07 +17 44.1 20.7	-0.87 - 1.9	1.7/24.1	58465
2005 QD ₄₂	2009 12 24.1	06 10.10 +35 01.6 19.3	-1.33 - 1.4	5.0/24.2	18116
2002 JY ₁₄₄	2009 12 24.1	06 10.12 +05 14.7 19.4	-0.92 + 3.0	6.4/24.9	43155
2001 QP ₂₉₄	2009 12 24.1	06 10.13 +18 42.1 20.6	-1.12 - 0.8	1.8/24.2	97455
2006 DL ₁₀₆	2009 12 24.1	06 10.18 +10 59.4 20.0	-0.85 + 0.9	3.7/24.5	47394
2007 EJ ₂	2009 12 24.1	06 10.19 +08 08.2 21.6	-0.95 + 0.7	4.7/24.5	47421
2005 SZ ₃₃	2009 12 24.1	06 10.19 +25 01.2 19.5	-1.12 + 2.7	0.8/24.1	97813
2007 BZ ₇₉	2009 12 24.1	06 10.21 +27 28.7 20.4	-1.26 - 0.5	1.8/24.1	40707
2001 XK ₁₁₆	2009 12 24.1	06 10.21 +28 56.6 17.9	-1.00 + 9.7	3.0/23.5	66119
2001 RF ₁₂₄	2009 12 24.1	06 10.21 +20 03.0 20.2	-1.13 + 1.0	1.3/24.2	16163
2008 SB ₈₂	2009 12 24.1	06 10.22 +21 38.7 19.7	-0.89 + 1.5	0.6/24.2	66326
2002 GZ ₃	2009 12 24.1	06 10.23 +69 32.2 19.1	-2.30 + 8.2	20.7/14.0	66131
2005 PV ₆	2009 12 24.1	06 10.26 +29 28.6 21.1	-1.31 + 2.5	2.4/24.0	55183
2006 DW ₁₂₀	2009 12 24.1	06 10.27 +44 34.8 20.3	-1.30 - 0.4	7.7/23.9	52448
2008 TZ ₈₃	2009 12 24.1	06 10.27 +02 46.1 22.2	-0.79 - 0.7	5.5/24.4	55516
2008 SJ ₅₂	2009 12 24.1	06 10.28 +09 39.1 21.0	-0.82 - 0.2	4.1/24.4	50238
2006 DH ₄₂	2009 12 24.1	06 10.33 +06 14.8 20.7	-0.94 + 4.2	7.7/25.2	97192
1992 HF ₂	2009 12 24.1	06 10.37 +28 36.8 20.6	-1.15 + 2.4	1.9/24.0	43091
2001 XG ₂₁₅	2009 12 24.1	06 10.37 +29 57.2 19.3	-1.16 + 2.3	2.8/23.9	94391
2005 YC ₁₃₄	2009 12 24.1	06 10.38 +30 00.5 19.6	-1.09 + 2.5	3.1/23.9	66243
2005 UJ ₃₁₄	2009 12 24.1	06 10.42 +24 23.1 19.2	-1.17 + 3.1	0.4/24.2	96262
2008 TJ ₄₉	2009 12 24.2	06 10.32 +10 57.8 21.4	-0.87 - 0.6	3.9/24.3	46936
2003 SM ₂₅₀	2009 12 24.2	06 10.32 +46 53.6 19.4	-1.23 + 1.9	7.1/23.7	48901
2006 DN ₁₅₃	2009 12 24.2	06 10.36 +10 48.6 19.0	-0.91 - 0.8	5.5/24.2	47396
2002 CK ₁₄₃	2009 12 24.2	06 10.38 +15 45.6 18.5	-1.04 + 0.8	3.5/24.4	17995
2003 SH ₆₈	2009 12 24.2	06 10.40 +23 51.0 19.1	-0.97 - 1.5	0.2/24.2	43177

2004 TK ₃₆₆	2009 12 24.2	06 10.42 +23 40.5 19.6	-1.02 - 1.4	0.1/24.2	59095
2003 RX ₂₀	2009 12 24.2	06 10.43 +25 37.4 19.0	-0.98 + 1.0	0.8/24.2	48895
2002 CL ₉₇	2009 12 24.2	06 10.43 +16 22.1 18.1	-0.94 + 4.0	3.5/24.6	17994
2005 SS ₂₀₉	2009 12 24.2	06 10.47 +31 39.9 19.7	-1.26 - 2.2	3.6/24.4	18128
2003 QY ₂₆	2009 12 24.2	06 10.49 +49 31.5 18.7	-1.30 - 1.8	9.1/24.9	66154
2005 XC ₈₀	2009 12 24.2	06 10.52 +43 44.3 19.0	-1.29 - 1.4	9.4/24.3	57433
2008 SX ₂	2009 12 24.2	06 10.55 +17 29.5 20.7	-0.95 + 1.4	1.9/24.4	46712
2002 TX ₁₆₅	2009 12 24.2	06 10.61 +18 03.8 19.8	-0.88 - 2.9	1.5/24.2	47234
2005 NQ ₆₀	2009 12 24.2	06 10.63 +16 18.2 19.4	-1.16 + 3.8	3.0/24.6	40135
2005 SZ ₁₂₃	2009 12 24.2	06 10.64 +24 13.1 20.3	-1.21 + 1.4	0.3/24.2	21832
2008 SX ₂₆₉	2009 12 24.2	06 10.65 +58 08.1 21.0	-1.63 + 2.4	10.7/22.6	51080
2005 UV ₁₉₈	2009 12 24.2	06 10.66 +28 51.1 21.2	-1.21 + 1.5	2.0/24.1	41830
2005 WW ₄₇	2009 12 24.2	06 10.67 +25 45.8 20.6	-1.14 + 0.8	1.0/24.2	43243
2007 EU ₂₂	2009 12 24.2	06 10.67 +16 25.9 20.7	-1.07 + 0.6	2.5/24.4	55309
2006 DT ₄₉	2009 12 24.2	06 10.73 +44 07.5 19.6	-1.27 0.0	7.5/23.9	58874
2004 RL ₁₅₉	2009 12 24.2	06 10.73 +19 41.1 20.3	-1.02 - 0.9	1.6/24.3	95385
2008 SC ₃	2009 12 24.2	06 10.74 +36 45.7 20.0	-1.14 + 0.9	4.4/24.0	52508
2007 HP ₁₅	2009 12 24.2	06 10.74 +32 01.4 21.4	-1.07 + 2.9	2.4/23.9	21364
2007 JO ₂₄	2009 12 24.2	06 10.75 +13 21.3 21.0	-0.83 + 2.9	2.6/24.8	47434
2007 GG ₅₆	2009 12 24.2	06 10.78 +16 41.8 21.2	-0.97 + 1.2	2.2/24.5	47429
2005 VY ₂₉	2009 12 24.2	06 10.79 +29 26.6 19.0	-1.18 + 4.7	2.6/23.9	22802
2006 BU ₈₅	2009 12 24.2	06 10.81 +34 05.6 20.3	-1.16 - 1.7	3.9/24.3	46375
2002 VJ ₆₂	2009 12 24.2	06 10.86 +27 33.6 19.7	-1.27 - 1.1	1.8/24.3	18028
2000 RJ	2009 12 24.3	06 10.78 +12 32.8 19.8	-1.03 - 1.7	3.6/24.3	47148
2005 QZ ₅₀	2009 12 24.3	06 10.79 +13 39.4 22.3	-1.14 + 1.6	3.4/24.6	58506
2003 SQ ₁₉₆	2009 12 24.3	06 10.81 +16 06.6 19.4	-0.90 - 1.7	2.3/24.3	66157
2007 EU ₄₅	2009 12 24.3	06 10.83 +06 37.3 20.7	-1.05 - 0.2	6.9/24.4	55311
2002 RA ₁₉₃	2009 12 24.3	06 10.83 +37 39.1 19.8	-1.03 0.0	4.4/24.1	45988
2007 DZ ₉₅	2009 12 24.3	06 10.84 +26 17.7 20.1	-1.21 + 1.3	1.1/24.2	22878
2001 SG ₁₀₄	2009 12 24.3	06 10.89 +21 54.9 20.0	-1.14 - 1.9	0.6/24.3	94071
1999 TP ₁₇₃	2009 12 24.3	06 10.93 +27 27.6 20.2	-1.30 - 0.5	1.6/24.3	14590
2004 GK ₃₈	2009 12 24.3	06 10.93 +28 16.3 20.3	-1.27 - 0.8	1.9/24.3	47293
2001 QT ₂₀₄	2009 12 24.3	06 10.94 +25 58.2 19.5	-1.19 - 2.1	1.0/24.4	47170
2004 RN ₃₃₀	2009 12 24.3	06 10.97 +21 09.6 20.2	-1.03 + 0.4	0.8/24.4	48941
2005 TV ₉	2009 12 24.3	06 10.98 +39 04.2 19.9	-1.39 + 2.3	6.2/23.9	97847
2003 UG ₂₀₀	2009 12 24.3	06 10.99 +34 14.7 19.3	-1.04 + 2.3	3.8/24.0	00637
2003 SN ₆₃	2009 12 24.3	06 10.99 +25 59.5 20.1	-0.99 - 1.2	0.9/24.3	48897
2003 GN ₄₁	2009 12 24.3	06 11.03 +00 59.1 21.0	-0.95 + 0.3	7.7/24.7	47248
2008 TW ₁₄₇	2009 12 24.3	06 11.03 +37 45.4 21.1	-1.07 + 1.4	4.5/23.9	50448
2005 SO ₉₇	2009 12 24.3	06 11.09 +30 58.9 20.1	-1.25 + 1.5	3.2/24.2	33460
2002 GA ₈₁	2009 12 24.3	06 11.12 +18 34.5 19.9	-1.01 + 1.3	1.8/24.5	47212
2001 XQ ₃₇	2009 12 24.3	06 11.13 +35 18.9 19.5	-1.24 - 0.3	4.5/24.3	19557
2003 SO ₈₉	2009 12 24.3	06 11.17 +23 25.6 19.2	-0.96 - 2.1	0.0/24.4	47258
2005 YZ ₅₇	2009 12 24.3	06 11.18 +28 48.2 19.8	-1.20 - 5.5	2.3/24.6	09474
2007 OW	2009 12 24.3	06 11.22 +04 27.2 20.3	-0.81 - 0.9	5.4/24.5	49023
2001 TU ₁₃₁	2009 12 24.3	06 11.26 +14 03.3 19.8	-1.10 + 3.3	3.7/24.9	16173
1995 SM ₆₁	2009 12 24.3	06 11.27 +18 31.2 21.6	-0.98 + 0.7	1.6/24.5	47127
2007 JA ₃₈	2009 12 24.3	06 11.27 +27 59.2 20.3	-1.05 + 1.7	1.5/24.3	47435
1997 EY ₆	2009 12 24.3	06 11.29 +12 59.0 19.3	-1.11 - 1.9	5.0/24.4	16119
2006 BF ₁₀₉	2009 12 24.3	06 11.31 +31 25.8 20.6	-1.10 - 0.9	3.0/24.4	53469
2005 WR ₁₆	2009 12 24.3	06 11.32 +24 18.9 20.6	-1.14 + 0.9	0.3/24.4	01115

2002 XA ₅₃	2009 12 24.4	06 11.25 +23 57.3 16.9	-1.44 +25.7	0.3/24.3	48304
2008 RY ₄	2009 12 24.4	06 11.25 +09 42.2 20.8	-0.85 + 0.5	4.3/24.7	50158
1999 TY ₂₄₃	2009 12 24.4	06 11.25 +14 52.0 20.8	-1.00 - 0.8	2.9/24.5	59375
2004 WS ₅	2009 12 24.4	06 11.28 +18 28.4 20.3	-0.96 - 0.3	1.8/24.5	47328
1998 VJ ₄₁	2009 12 24.4	06 11.28 +26 07.8 18.7	-1.13 + 2.3	1.4/24.3	17898
2005 EA ₂₂₈	2009 12 24.4	06 11.30 +35 07.7 20.3	-0.99 - 1.2	3.4/24.4	48971
2002 CF ₂₉₄	2009 12 24.4	06 11.30 +21 32.7 18.8	-1.10 + 6.9	0.7/24.6	47205
2006 BF ₈₀	2009 12 24.4	06 11.31 +33 10.4 19.7	-1.07 + 1.0	3.3/24.2	48988
2005 QT ₁₇₅	2009 12 24.4	06 11.34 +20 33.3 19.2	-1.06 + 2.8	1.4/24.5	66206
2006 AN ₁₀₂	2009 12 24.4	06 11.35 +36 29.5 21.9	-0.97 - 0.4	3.2/24.3	31430
2004 GG ₇₁	2009 12 24.4	06 11.36 +23 01.1 19.8	-1.18 + 2.0	0.2/24.4	62391
2007 EY ₁₁₆	2009 12 24.4	06 11.36 +27 56.0 19.9	-1.09 + 2.6	1.6/24.3	43276
2006 JO ₂₉	2009 12 24.4	06 11.36 +21 45.6 20.6	-0.91 + 0.9	0.5/24.5	47411
2001 TJ ₂₆	2009 12 24.4	06 11.38 +21 33.7 19.6	-1.12 - 1.2	0.7/24.4	94132
2005 QQ ₁₈₂	2009 12 24.4	06 11.39 +19 18.1 19.9	-1.11 + 0.4	1.9/24.5	21823
2005 EM ₂₂₅	2009 12 24.4	06 11.39 +18 58.6 18.1	-0.94 + 6.3	1.7/24.8	47347
2002 BY ₁₅	2009 12 24.4	06 11.39 +24 01.5 19.2	-1.08 - 1.3	0.3/24.4	43145
2005 VQ ₂₈	2009 12 24.4	06 11.41 +16 09.7 19.5	-1.09 - 2.5	3.2/24.3	66229
2001 SE ₃₁₃	2009 12 24.4	06 11.42 +20 03.1 19.4	-0.95 + 5.5	1.9/24.7	64165
2007 MU ₇	2009 12 24.4	06 11.43 +26 17.8 20.4	-1.01 + 1.4	1.0/24.4	58567
2000 TA ₄₄	2009 12 24.4	06 11.45 +38 25.8 19.9	-1.22 + 1.7	5.7/24.0	41760
2007 DV ₂₃	2009 12 24.4	06 11.46 +14 38.8 21.2	-1.12 + 1.2	3.4/24.6	47419
2005 UH ₂₃₀	2009 12 24.4	06 11.47 +26 00.0 19.5	-1.14 + 2.2	1.2/24.4	66224
2002 TL ₁₉₇	2009 12 24.4	06 11.52 +29 20.8 18.9	-1.22 - 0.6	2.9/24.4	22720
2001 QP ₂₃₃	2009 12 24.4	06 11.52 +14 17.9 18.9	-1.07 + 1.2	4.2/24.8	19539
2004 TS ₃₅₈	2009 12 24.4	06 11.54 +18 50.0 20.7	-1.00 + 0.7	1.6/24.6	43220
2002 CJ ₈₀	2009 12 24.4	06 11.55 +16 03.6 20.1	-1.02 + 2.7	2.8/24.7	47200
2002 GR ₇₉	2009 12 24.4	06 11.56 +29 42.6 19.3	-1.13 + 5.8	2.3/24.0	94740
1995 OA ₃	2009 12 24.4	06 11.57 +15 37.0 22.0	-0.98 + 0.2	2.6/24.6	41748
2002 CE ₂	2009 12 24.4	06 11.60 +16 58.0 19.3	-1.06 + 5.5	2.4/24.9	21775
2005 YK ₅	2009 12 24.4	06 11.61 +27 15.9 20.9	-1.14 + 0.5	1.4/24.4	26112
2005 OE ₃₁	2009 12 24.4	06 11.62 +17 51.1 19.6	-1.21 - 3.5	2.5/24.4	41187
2006 AD ₆₆	2009 12 24.4	06 11.63 +09 39.5 19.9	-0.92 + 1.0	5.5/24.8	47374
2005 NB ₆₅	2009 12 24.4	06 11.64 +15 07.0 21.1	-1.17 + 1.8	3.5/24.7	16294
2002 TG ₁₀₆	2009 12 24.4	06 11.67 +45 41.8 19.6	-1.16 + 0.3	6.7/24.1	47226
2008 RE ₃₁	2009 12 24.4	06 11.67 +25 03.8 21.1	-1.00 + 0.1	0.6/24.5	49039
2005 YS ₁₇₀	2009 12 24.4	06 11.71 +28 51.3 19.9	-1.14 + 2.5	2.0/24.3	22805
2002 SV ₁	2009 12 24.4	06 11.73 +18 10.8 20.9	-1.20 + 0.3	2.3/24.6	48272
2003 KZ ₃	2009 12 24.4	06 11.73 +36 57.1 21.6	-1.14 + 1.5	4.0/24.1	60339
2006 DD ₁₅₂	2009 12 24.5	06 11.67 -00 56.3 20.5	-0.87 + 0.3	9.4/25.0	42806
2004 RZ ₂₃₀	2009 12 24.5	06 11.68 +16 00.8 21.8	-0.98 0.0	2.4/24.6	47309
2006 BQ ₂₇₀	2009 12 24.5	06 11.70 +23 49.9 20.1	-1.02 - 1.7	0.1/24.5	47386
2001 TZ ₂₉	2009 12 24.5	06 11.71 +25 15.6 20.6	-1.16 - 0.1	0.7/24.5	17956
2005 VX ₉₃	2009 12 24.5	06 11.74 +17 51.2 19.7	-1.08 + 1.4	2.4/24.7	66230
2005 CJ ₆₇	2009 12 24.5	06 11.83 +06 43.2 19.6	-0.85 + 3.6	6.0/25.4	14144
2006 BV ₂₁₇	2009 12 24.5	06 11.83 +34 53.8 19.1	-1.15 - 3.6	4.2/24.8	47384
2005 TE ₁₃₈	2009 12 24.5	06 11.84 +30 34.8 19.9	-1.21 + 3.0	3.1/24.2	97864
2002 RC ₁₃₂	2009 12 24.5	06 11.90 +29 11.0 19.2	-1.26 - 4.4	2.8/24.7	16220
2007 BJ ₆₅	2009 12 24.5	06 11.90 +13 32.1 21.4	-1.05 + 1.6	3.3/24.8	47418
2002 RJ ₂₂₆	2009 12 24.5	06 11.90 +26 18.6 20.4	-0.91 - 0.5	0.8/24.5	47230
2005 UZ ₂₉₁	2009 12 24.5	06 11.94 +31 41.5 20.3	-1.22 + 0.6	3.5/24.4	96253

2006 AQ ₈₄	2009 12 24.5	06 11.94 +26 42.7 19.0	-1.08 + 4.1	1.1/24.4	47375
2006 DE ₉₁	2009 12 24.5	06 11.94 +20 48.8 20.6	-0.99 + 0.2	0.9/24.6	48995
2005 SZ ₉	2009 12 24.5	06 11.97 +20 26.0 18.7	-1.03 0.0	1.5/24.6	60834
2005 YY ₁₁₉	2009 12 24.5	06 12.09 +20 29.8 20.3	-1.02 + 1.0	1.0/24.7	47368
2002 TE ₃₅₀	2009 12 24.5	06 12.10 +23 10.5 20.8	-0.90 - 2.0	0.1/24.6	19585
2005 SC ₁₅₀	2009 12 24.5	06 12.12 +22 05.0 21.0	-1.18 + 1.2	0.5/24.6	97830
2005 QM ₁₉	2009 12 24.5	06 12.12 +19 41.0 21.0	-1.19 + 0.6	1.4/24.7	90225
1999 XC ₂₁₇	2009 12 24.5	06 12.14 +22 23.8 20.0	-0.92 + 1.1	0.3/24.6	47140
2004 PQ ₁₀₉	2009 12 24.5	06 12.15 +30 01.4 19.1	-1.17 - 4.0	2.8/24.8	00741
2005 SW ₉₁	2009 12 24.5	06 12.19 +28 18.3 21.6	-1.23 + 0.4	1.8/24.5	03728
2003 AT ₉₀	2009 12 24.6	06 12.10 +35 21.1 19.0	-1.25 + 1.7	5.5/24.2	66147
2003 UQ ₁₈₇	2009 12 24.6	06 12.14 +22 01.4 19.2	-0.92 - 2.0	0.4/24.6	59422
2005 AG ₂	2009 12 24.6	06 12.14 +20 15.2 19.0	-1.58 +16.3	1.5/25.1	40133
1995 JS	2009 12 24.6	06 12.16 +30 30.5 19.3	-0.96 + 2.5	2.2/24.3	59645
2005 TU ₄₃	2009 12 24.6	06 12.17 +25 00.4 20.5	-1.21 + 1.8	0.7/24.6	40145
2005 SV ₂₀₇	2009 12 24.6	06 12.17 +28 40.4 19.2	-1.22 + 4.0	2.3/24.3	21837
2007 JD ₃₂	2009 12 24.6	06 12.20 +23 42.7 20.3	-1.01 + 1.7	0.1/24.6	55327
2008 RN ₆	2009 12 24.6	06 12.20 +05 23.0 21.4	-0.94 - 0.1	6.1/25.0	55497
2003 UH ₂₆₉	2009 12 24.6	06 12.26 +05 53.7 20.9	-0.97 - 1.5	5.6/24.9	40683
2004 PN ₈₉	2009 12 24.6	06 12.26 +00 52.5 20.5	-0.98 + 2.2	8.2/25.9	18081
2001 RN ₁₃	2009 12 24.6	06 12.28 +25 36.7 21.4	-1.19 - 0.9	0.9/24.6	00045
2002 CH ₃₁₄	2009 12 24.6	06 12.30 +17 32.9 21.2	-0.98 + 0.9	1.9/24.8	47206
1999 TE ₁₀₃	2009 12 24.6	06 12.31 +04 46.6 18.2	-0.87 + 6.7	9.0/26.8	66088
2002 CS ₂₀₈	2009 12 24.6	06 12.34 +22 51.8 20.4	-1.09 + 1.6	0.2/24.7	97571
2007 DB ₅₂	2009 12 24.6	06 12.35 +32 30.6 20.9	-1.23 - 0.9	3.4/24.6	55307
2008 RP ₁₀₆	2009 12 24.6	06 12.39 +40 00.0 21.2	-1.11 - 0.1	5.2/24.5	46697
2001 VO ₁	2009 12 24.6	06 12.40 +28 14.6 19.5	-1.19 + 0.3	2.2/24.6	94253
2002 CF ₂₁₄	2009 12 24.6	06 12.48 +29 53.9 19.4	-1.05 - 0.1	3.2/24.6	00179
2008 PE ₅	2009 12 24.6	06 12.49 +00 56.2 20.4	-0.84 + 1.9	7.0/25.9	47449
2005 SG ₁₉₀	2009 12 24.6	06 12.51 +21 59.8 19.5	-1.16 + 1.3	0.6/24.7	97834
2001 RQ ₁₁₀	2009 12 24.6	06 12.51 +22 27.7 20.7	-1.15 + 1.3	0.4/24.7	17945
2005 WV ₁₀₁	2009 12 24.6	06 12.53 +23 41.8 18.3	-1.11 - 0.7	0.1/24.7	66234
2002 NH ₆₇	2009 12 24.6	06 12.54 +40 26.1 20.2	-1.11 - 2.2	5.3/24.9	58431
2005 YB ₂₁₂	2009 12 24.6	06 12.55 +30 12.5 18.6	-1.15 + 7.8	3.0/24.0	20833
1998 VL ₅₅	2009 12 24.6	06 12.55 +35 01.9 19.6	-1.05 + 2.9	3.8/24.2	59648
2006 FK ₂₀	2009 12 24.6	06 12.55 +24 50.9 20.7	-0.91 + 0.7	0.4/24.7	47401
2006 DC	2009 12 24.6	06 12.56 +18 59.1 19.1	-1.02 + 4.3	1.7/24.9	02286
1997 CR ₁₁	2009 12 24.6	06 12.57 +35 40.9 19.3	-1.17 - 4.7	5.4/25.2	57336
2005 VG ₇₁	2009 12 24.6	06 12.60 +15 19.7 19.4	-1.06 - 1.0	3.4/24.7	66230
2005 TV ₁₀₇	2009 12 24.6	06 12.63 +21 55.7 20.2	-1.20 + 1.2	0.6/24.7	02258
2004 PB ₄₀	2009 12 24.6	06 12.64 +47 54.4 19.0	-1.46 - 4.5	9.3/26.1	40687
2005 GL ₄₂	2009 12 24.7	06 12.53 +41 01.2 21.0	-1.15 - 1.5	5.5/24.6	87664
2005 QJ ₁₄₅	2009 12 24.7	06 12.54 +17 28.9 20.4	-1.17 + 1.9	2.1/24.9	47351
2008 QC ₁₅	2009 12 24.7	06 12.55 -04 51.4 21.0	-0.87 + 0.8	8.3/25.6	50145
2005 UJ ₁₅₇	2009 12 24.7	06 12.56 +29 46.0 20.4	-1.24 - 0.9	2.2/24.7	60844
2005 US ₂₇	2009 12 24.7	06 12.56 +26 02.1 19.5	-1.15 + 0.7	1.2/24.7	18137
2007 HZ ₉₄	2009 12 24.7	06 12.61 +17 32.7 21.0	-0.99 - 0.4	2.0/24.8	40180
2004 TY ₅₀	2009 12 24.7	06 12.62 +14 38.5 19.9	-0.97 - 1.2	3.0/24.8	47315
2000 SW ₃₇	2009 12 24.7	06 12.64 +27 19.3 20.2	-1.12 + 1.5	1.3/24.6	17918
2004 RW ₁₈₀	2009 12 24.7	06 12.64 +14 19.1 18.6	-0.98 - 2.7	3.9/24.6	66179
2004 RL ₁₉₀	2009 12 24.7	06 12.66 +07 06.3 20.2	-0.99 - 1.6	5.9/24.9	74347

2005 TV ₇₄	2009 12 24.7	06 12.68 +26 01.9 19.0	-1.19 - 3.4	1.2/24.8	97857
2005 UT ₉₉	2009 12 24.7	06 12.72 +20 30.3 20.2	-1.15 + 1.8	1.2/24.8	96144
2005 EK ₅₂	2009 12 24.7	06 12.72 +35 07.0 20.0	-1.05 - 2.2	4.1/24.8	47343
2007 EO ₁₉₇	2009 12 24.7	06 12.75 +25 44.0 21.3	-1.14 + 0.2	0.9/24.7	55315
2005 VE ₁₀₄	2009 12 24.7	06 12.76 +32 21.9 20.4	-1.27 + 0.1	3.5/24.6	47360
2003 SM ₂₆₀	2009 12 24.7	06 12.76 +18 15.1 20.3	-0.94 - 0.7	1.8/24.8	66158
2005 ST ₁₀₈	2009 12 24.7	06 12.77 +24 32.2 19.4	-1.12 - 0.1	0.5/24.7	19653
2003 UK ₇₁	2009 12 24.7	06 12.77 +26 23.8 19.9	-0.97 + 0.9	1.0/24.7	47269
2005 YL ₁₇₆	2009 12 24.7	06 12.77 +22 06.4 20.0	-1.07 + 2.4	0.5/24.8	59769
2006 YC ₂	2009 12 24.7	06 12.77 +21 51.0 19.6	-1.24 - 0.4	0.8/24.8	39823
2008 SM ₈₉	2009 12 24.7	06 12.79 +09 48.8 20.6	-0.84 - 0.6	4.2/24.9	50258
2002 PJ ₁₇₄	2009 12 24.7	06 12.84 +20 18.9 21.0	-0.89 + 0.5	0.9/24.8	45962
2007 LR ₁₁	2009 12 24.7	06 12.86 +23 48.1 20.5	-1.02 + 2.4	0.1/24.7	21252
2002 RS ₂₃	2009 12 24.7	06 12.86 +20 54.5 18.9	-0.88 + 0.8	0.8/24.8	58435
2004 FR ₅	2009 12 24.7	06 12.87 +32 35.5 21.0	-1.29 + 2.3	3.3/24.4	97701
2002 RF ₂₄₉	2009 12 24.7	06 12.88 +39 58.5 21.0	-1.00 + 1.0	4.1/24.3	45992
2004 TJ ₁₉₁	2009 12 24.7	06 12.89 +28 08.3 20.5	-1.07 + 0.8	1.8/24.7	19640
2005 SE ₅₁	2009 12 24.7	06 12.90 +35 36.4 19.4	-1.27 + 0.6	5.5/24.5	19651
2003 ST ₅₃	2009 12 24.7	06 12.91 +28 52.1 21.2	-1.01 - 0.8	1.8/24.7	46037
2002 RK ₂₁₇	2009 12 24.7	06 12.91 +27 37.4 20.7	-0.92 - 0.2	1.2/24.7	45989
2006 BJ ₂₂₃	2009 12 24.7	06 12.94 +29 26.5 19.6	-1.07 - 1.1	2.2/24.8	62479
2004 ES ₈₅	2009 12 24.7	06 12.94 +30 05.5 19.2	-1.27 + 2.3	2.6/24.5	48927
2001 SX ₃₄₁	2009 12 24.7	06 12.96 +19 12.5 20.4	-1.12 - 1.6	1.6/24.8	47177
2005 YT ₂₄₅	2009 12 24.7	06 12.99 +18 57.6 20.0	-1.03 - 1.1	1.8/24.8	47371
2005 SQ ₆₉	2009 12 24.7	06 13.00 +26 00.5 19.0	-1.16 + 1.5	1.2/24.7	60835
1995 QE ₄	2009 12 24.7	06 13.00 +18 34.6 21.3	-1.18 + 0.1	2.0/24.9	40082
2002 EM ₁₈	2009 12 24.7	06 13.00 +40 26.5 20.8	-1.19 - 1.0	5.3/24.8	62343
2006 FO ₂₆	2009 12 24.7	06 13.01 +05 58.2 20.1	-0.85 - 0.3	5.6/25.0	47402
2003 QR ₄₃	2009 12 24.7	06 13.01 +25 35.9 19.3	-1.01 + 0.5	0.8/24.7	20782
2004 TC ₂₀₅	2009 12 24.7	06 13.04 +19 29.9 20.5	-0.98 - 0.3	1.4/24.8	47320
2007 FD ₁₃	2009 12 24.7	06 13.05 +19 12.5 20.9	-1.12 - 1.2	1.5/24.8	58087
2002 RT ₂₇₇	2009 12 24.7	06 13.06 +25 28.4 20.2	-0.93 - 1.8	0.6/24.8	45995
2003 TK ₁₇	2009 12 24.7	06 13.07 +57 44.9 20.5	-2.13 + 4.0	15.5/22.4	76037
2001 MX ₂₅	2009 12 24.7	06 13.09 +19 55.6 19.9	-1.15 - 1.0	1.3/24.8	16153
2005 GU ₁₂₈	2009 12 24.8	06 13.00 +32 17.6 18.1	-1.73 +20.7	4.5/23.2	77140
2002 WX ₂₁	2009 12 24.8	06 13.01 +27 06.0 20.4	-1.27 - 1.9	1.5/24.8	58444
2007 EP ₆₈	2009 12 24.8	06 13.06 +16 26.7 20.4	-1.10 + 1.3	2.9/25.0	19401
2005 SL ₁₄₄	2009 12 24.8	06 13.10 +25 48.0 19.5	-1.16 + 0.4	1.1/24.8	21602
2005 UG ₃₇₀	2009 12 24.8	06 13.11 +12 33.3 20.4	-1.06 - 1.0	4.8/24.8	43240
2007 HN ₁	2009 12 24.8	06 13.11 +39 53.5 21.0	-1.17 + 1.5	4.8/24.3	46537
2006 EU ₃₄	2009 12 24.8	06 13.12 +23 01.8 19.7	-0.93 + 1.2	0.1/24.8	47399
2005 SA ₂₅₄	2009 12 24.8	06 13.12 +26 11.5 20.6	-1.24 - 1.2	1.2/24.8	97844
2008 OA	2009 12 24.8	06 13.14 +12 27.0 22.0	-0.97 + 2.4	3.3/25.3	43303
2003 TS ₈	2009 12 24.8	06 13.17 +24 08.8 18.8	-0.97 - 2.6	0.3/24.8	47266
2005 MH ₃₂	2009 12 24.8	06 13.18 +18 46.1 19.9	-1.19 + 2.7	1.9/25.0	54154
2005 WF ₁₄₄	2009 12 24.8	06 13.21 +15 05.7 18.9	-1.01 + 2.9	3.9/25.2	20826
2008 TO ₁₇₃	2009 12 24.8	06 13.21 +18 59.9 20.2	-0.91 - 2.0	1.4/24.8	58171
2005 SV ₉₀	2009 12 24.8	06 13.22 +35 42.9 20.6	-1.30 + 0.8	5.2/24.6	97821
2005 CH ₁₆	2009 12 24.8	06 13.25 +24 41.6 19.1	-0.96 - 0.8	0.5/24.8	77810
2003 TZ ₁₂	2009 12 24.8	06 13.26 +03 05.0 19.7	-0.90 - 3.9	7.2/24.5	57983
2003 WT ₉₆	2009 12 24.8	06 13.26 +48 31.8 20.7	-1.34 + 4.8	7.6/23.4	40377

2000 TE ₆₃	2009 12 24.8	06 13.27 +14 34.6 18.5	-1.07 - 5.2	3.8/24.6	70275
2000 SN ₃₀₂	2009 12 24.8	06 13.43 +24 30.5 20.3	-1.08 - 1.3	0.4/24.9	47152
1999 RD ₁₃₉	2009 12 24.8	06 13.43 +23 14.8 19.5	-1.27 - 0.5	0.1/24.9	40663
2002 CO ₂₃₃	2009 12 24.8	06 13.44 +36 37.4 20.0	-1.25 - 4.9	5.2/25.4	00182
1999 GQ ₁	2009 12 24.8	06 13.48 +26 58.5 19.4	-1.13 + 0.5	1.6/24.8	60722
2003 ST ₂₉₇	2009 12 24.8	06 13.48 +35 37.9 19.6	-1.13 - 4.9	4.4/25.4	47264
1997 WY ₆	2009 12 24.8	06 13.50 +25 11.6 21.1	-0.88 + 1.4	0.5/24.8	45825
2005 UU ₉	2009 12 24.8	06 13.50 +33 14.0 19.7	-1.16 + 2.3	4.9/24.6	97873
2002 PA ₉	2009 12 24.8	06 13.51 +21 04.1 21.4	-0.88 - 0.5	0.6/24.9	48870
2001 WE ₁₈	2009 12 24.8	06 13.53 +09 33.9 20.1	-1.05 - 1.8	4.8/24.9	40098
1998 RY ₄	2009 12 24.9	06 13.43 +60 09.8 20.1	-2.03 - 1.1	12.6/25.5	60720
2002 AK ₁₀₅	2009 12 24.9	06 13.43 +31 09.8 19.3	-1.18 - 3.6	2.9/25.1	94507
2008 SR ₂₃₇	2009 12 24.9	06 13.45 +22 34.9 20.4	-0.96 + 0.1	0.3/24.9	49069
2007 LW ₁	2009 12 24.9	06 13.49 +13 11.7 21.0	-0.96 - 0.6	3.1/25.0	49022
2001 QK ₉	2009 12 24.9	06 13.52 +34 41.5 20.2	-1.31 - 2.5	4.4/25.1	17935
2007 JG ₂₀	2009 12 24.9	06 13.54 +06 39.9 21.5	-0.95 - 2.0	5.7/24.8	58089
2005 QN ₁₅₇	2009 12 24.9	06 13.58 +16 02.6 20.4	-1.14 + 0.3	3.0/25.1	40139
2003 WG ₁₀₉	2009 12 24.9	06 13.58 +15 58.6 19.4	-0.89 - 2.1	2.4/24.9	58464
2008 UP ₁₈₉	2009 12 24.9	06 13.61 +26 40.5 21.1	-0.97 + 0.6	1.0/24.9	52517
2005 QR ₅₆	2009 12 24.9	06 13.62 +18 13.5 20.6	-1.19 - 0.1	2.2/25.0	40138
2001 XC ₂₄₉	2009 12 24.9	06 13.64 +22 21.3 19.2	-1.09 + 2.4	0.5/25.0	19561
2005 QO ₆₀	2009 12 24.9	06 13.65 +21 19.9 21.0	-1.20 - 0.3	0.8/25.0	40138
1999 UR ₃₇	2009 12 24.9	06 13.69 +04 49.8 19.5	-0.91 - 0.1	6.8/25.2	48813
2007 HG ₁₂	2009 12 24.9	06 13.69 +28 29.3 21.0	-1.09 + 0.6	1.8/24.8	47430
2005 TD ₁₃₂	2009 12 24.9	06 13.70 +30 52.6 21.0	-1.25 + 1.6	2.8/24.7	96040
2008 SN	2009 12 24.9	06 13.71 +34 30.7 20.3	-1.14 - 3.1	4.0/25.2	50209
2005 YZ ₂₆₇	2009 12 24.9	06 13.73 +31 28.5 21.5	-1.09 - 0.5	2.6/24.9	47372
2004 OV ₉	2009 12 24.9	06 13.77 +26 20.6 20.3	-1.12 + 1.9	1.1/24.9	18076
1997 SZ ₃	2009 12 24.9	06 13.79 +16 27.1 18.4	-1.05 - 1.8	3.5/25.0	97330
2002 GJ ₁₂₀	2009 12 24.9	06 13.80 +35 42.3 20.9	-1.07 + 0.5	3.6/24.7	47213
2006 AU ₈₈	2009 12 24.9	06 13.80 +10 34.2 20.1	-0.95 + 3.7	4.2/25.7	21354
2003 HJ ₁₇	2009 12 24.9	06 13.81 +35 43.0 20.3	-1.19 + 3.1	4.0/24.4	47248
2008 RN ₉₁	2009 12 24.9	06 13.83 +28 03.9 21.1	-1.04 + 0.1	1.6/24.9	50188
2004 EF ₈₆	2009 12 24.9	06 13.84 +28 53.7 19.6	-1.23 + 2.1	2.0/24.8	97701
2000 EF ₉₂	2009 12 24.9	06 13.87 +11 08.3 18.7	-0.91 - 0.8	4.9/25.0	47143
2002 QE ₁₂₇	2009 12 24.9	06 13.88 +26 48.3 19.4	-1.22 - 0.3	1.8/24.9	45977
2005 UE ₃₇₄	2009 12 24.9	06 13.88 +18 29.4 19.7	-1.09 - 1.4	2.0/25.0	96292
2007 BJ ₇₃	2009 12 24.9	06 13.90 +27 47.4 20.7	-1.21 - 0.7	1.6/24.9	47418
2003 SX ₂₄₃	2009 12 24.9	06 13.90 +24 58.8 20.3	-0.96 + 0.6	0.6/25.0	08745
2006 FH ₆	2009 12 24.9	06 13.90 +02 04.1 19.5	-0.87 + 1.9	7.0/25.8	01505
2008 JJ ₃₉	2009 12 24.9	06 13.91 +19 16.5 21.6	-1.18 + 1.5	1.6/25.1	49033
2004 VK ₇₂	2009 12 24.9	06 13.92 +25 49.1 19.2	-1.01 + 2.0	0.8/24.9	66189
2005 QQ ₂₁	2009 12 24.9	06 13.94 +20 36.9 19.1	-1.18 + 3.0	1.2/25.1	22792
2007 EU ₁₈₁	2009 12 24.9	06 13.94 +19 17.8 20.5	-1.02 - 0.2	1.5/25.1	47424
2005 SL ₉₄	2009 12 25.0	06 13.89 +09 11.7 20.4	-1.12 + 0.9	5.8/25.4	97821
2002 GM ₃₄	2009 12 25.0	06 13.89 +26 06.1 20.1	-1.08 + 1.7	1.0/24.9	97590
2008 QE ₃₄	2009 12 25.0	06 13.89 +21 36.0 20.5	-0.88 + 0.3	0.6/25.0	50153
2004 JY ₁₅	2009 12 25.0	06 13.91 +26 23.4 20.0	-1.19 + 2.5	1.1/24.9	18072
2007 EP ₉₆	2009 12 25.0	06 13.94 +19 43.4 20.7	-1.12 0.0	1.5/25.1	20854
2005 TG ₁₇₆	2009 12 25.0	06 13.95 +26 07.3 20.7	-1.20 + 1.4	1.2/24.9	21844
2004 JW ₁₆	2009 12 25.0	06 13.95 +30 53.2 20.5	-1.23 + 2.7	2.8/24.7	58478

2004 HN ₁₈	2009 12 25.0	06 13.96 +24 37.0 19.3	-1.20 - 1.2	0.5/25.0	41806
2006 DX ₂₁₁	2009 12 25.0	06 14.01 +02 40.7 20.5	-0.87 - 0.4	6.9/25.2	47398
2000 SS ₁₈₂	2009 12 25.0	06 14.02 +17 35.8 19.5	-1.02 + 0.6	2.3/25.2	40090
2004 PB ₆₉	2009 12 25.0	06 14.03 +30 55.6 19.9	-1.14 - 0.1	3.1/25.0	97721
2007 HP ₂₁	2009 12 25.0	06 14.04 +17 30.4 20.1	-0.95 + 0.1	1.9/25.1	49020
2006 AY ₆₃	2009 12 25.0	06 14.04 +21 55.2 20.4	-1.06 + 1.3	0.6/25.1	40160
2002 PD ₈₀	2009 12 25.0	06 14.10 +25 40.9 20.2	-0.92 - 2.7	0.6/25.1	74199
2006 KZ ₁₃	2009 12 25.0	06 14.11 +00 15.5 20.0	-0.80 + 0.2	7.1/25.5	49009
2008 TU ₁	2009 12 25.0	06 14.16 +12 08.5 20.1	-0.88 + 1.7	3.5/25.5	46910
2006 BR ₁₃₃	2009 12 25.0	06 14.17 +27 23.5 20.1	-1.04 + 0.1	1.5/25.0	43255
2006 BP ₈₄	2009 12 25.0	06 14.17 +21 58.9 20.6	-1.03 + 1.9	0.5/25.1	38085
2004 TD ₇₈	2009 12 25.0	06 14.17 +23 25.9 19.8	-1.04 - 1.0	0.0/25.1	47316
2004 HG ₄₁	2009 12 25.0	06 14.18 +23 26.8 20.7	-1.16 + 1.3	0.0/25.1	43200
2003 LH ₄	2009 12 25.0	06 14.20 -01 53.2 18.4	-1.32 -10.8	12.9/22.9	60786
2003 TU ₁	2009 12 25.0	06 14.20 +37 53.6 20.3	-1.06 + 0.6	4.7/24.7	49880
2000 ER ₁₅₉	2009 12 25.0	06 14.23 +03 00.7 21.0	-0.80 + 1.5	5.5/25.8	47144
2005 UJ ₃₄₇	2009 12 25.0	06 14.23 +20 56.0 19.7	-1.13 - 0.2	1.0/25.1	43240
2002 RH ₄	2009 12 25.0	06 14.28 +02 23.6 22.1	-0.79 - 0.3	5.4/25.5	45981
2004 RD ₂₀₆	2009 12 25.0	06 14.29 +32 53.6 19.8	-1.15 - 2.2	3.5/25.2	59736
1998 WO ₂₆	2009 12 25.0	06 14.30 +27 25.1 20.6	-0.99 + 0.6	1.3/25.0	59648
2005 YM ₃₅	2009 12 25.0	06 14.30 +18 35.4 19.6	-1.04 + 4.1	1.8/25.4	20829
2007 DM ₁₀₅	2009 12 25.0	06 14.33 +19 46.0 20.8	-1.15 + 0.1	1.5/25.1	47420
2003 WC ₉₉	2009 12 25.0	06 14.41 +51 05.4 18.8	-1.41 + 8.4	10.0/21.6	66165
2004 FC ₈₁	2009 12 25.0	06 14.42 +18 40.0 20.8	-1.15 + 2.2	1.7/25.3	43199
2008 OK ₂₀	2009 12 25.1	06 14.31 +05 14.3 20.7	-0.86 + 1.2	5.7/25.9	49034
2006 CJ ₁	2009 12 25.1	06 14.32 +33 57.3 21.3	-1.11 - 1.6	3.3/25.1	55213
2005 SQ ₁₄₇	2009 12 25.1	06 14.35 +34 29.0 20.4	-1.31 + 1.7	4.3/24.7	95875
2005 AT ₂₀	2009 12 25.1	06 14.37 +24 48.8 18.3	-0.98 - 3.0	0.5/25.1	66194
2006 BJ ₁₂₃	2009 12 25.1	06 14.38 +22 27.5 20.1	-0.99 + 0.6	0.3/25.1	43254
2008 TF ₇	2009 12 25.1	06 14.40 +46 38.7 19.8	-1.18 + 1.1	7.4/24.4	49073
2005 EU ₈₄	2009 12 25.1	06 14.40 +09 24.4 20.3	-0.87 + 3.3	5.1/25.8	89632
2002 JP ₁₄₄	2009 12 25.1	06 14.41 +07 45.9 19.7	-0.91 + 2.0	5.0/25.7	97603
2005 TZ ₇₁	2009 12 25.1	06 14.43 +36 03.8 19.0	-1.31 + 2.9	5.8/24.6	18133
1999 WV ₅	2009 12 25.1	06 14.43 +31 29.7 19.8	-1.31 + 4.0	3.8/24.7	2693
2008 SQ ₂₄₈	2009 12 25.1	06 14.45 +10 57.2 21.5	-0.85 - 0.1	3.6/25.4	49070
2002 GC ₁₈₄	2009 12 25.1	06 14.47 +17 17.5 21.2	-0.95 + 0.4	2.0/25.3	49832
2002 GS ₉₇	2009 12 25.1	06 14.48 +20 59.3 18.9	-0.99 - 0.2	1.1/25.2	02095
2001 SF ₁₈₃	2009 12 25.1	06 14.52 +16 41.1 21.3	-1.10 + 1.2	2.3/25.3	94089
2005 SL ₈₇	2009 12 25.1	06 14.53 +20 02.5 20.4	-1.16 + 1.0	1.4/25.2	97820
2005 UE ₃₀₆	2009 12 25.1	06 14.53 +10 47.2 21.4	-1.09 - 1.7	4.5/25.1	47357
2005 XS ₃₆	2009 12 25.1	06 14.55 +25 54.8 19.4	-1.17 - 1.0	1.0/25.1	19675
2004 GQ ₅₇	2009 12 25.1	06 14.58 +26 33.1 21.2	-1.20 - 0.1	1.2/25.1	22480
2008 RM ₃₁	2009 12 25.1	06 14.59 +08 24.7 21.1	-0.92 + 0.9	4.8/25.6	50168
1998 HB ₂₇	2009 12 25.1	06 14.63 +28 07.8 19.3	-1.12 + 2.7	2.0/24.9	47130
2003 UO ₃₇₆	2009 12 25.1	06 14.63 +44 44.7 21.6	-1.22 + 0.2	6.5/24.7	46093
2007 CT ₅₈	2009 12 25.1	06 14.64 +33 19.0 20.2	-1.27 + 1.9	3.6/24.8	47419
2003 WS ₁₆₂	2009 12 25.1	06 14.65 +25 25.6 19.4	-0.93 + 2.4	0.7/25.1	02195
2008 QX ₇	2009 12 25.1	06 14.65 +20 35.9 19.6	-1.08 + 4.0	1.1/25.3	66322
2003 UX ₁₆₁	2009 12 25.1	06 14.67 +05 43.2 21.1	-0.88 - 0.7	5.4/25.5	59422
2007 EJ ₂₁	2009 12 25.1	06 14.68 +18 10.9 21.0	-1.09 + 0.9	2.0/25.3	43274
2002 CA ₂₆₉	2009 12 25.1	06 14.68 +32 45.1 20.2	-1.15 - 2.1	3.2/25.2	47205

2007 HO ₂₁	2009 12 25.1	06 14.72 +28 58.6 20.8	-1.09	0.0	1.8/25.1	59522
2001 OZ ₄₉	2009 12 25.1	06 14.76 +21 08.6 19.4	-1.16	- 1.8	0.9/25.2	97442
2000 UX ₉₇	2009 12 25.1	06 14.78 +36 59.5 18.7	-1.15	+ 1.0	6.0/24.9	66098
2004 TS ₄₁	2009 12 25.1	06 14.80 +30 41.7 19.1	-1.07	- 0.1	3.0/25.1	60814
2002 QF ₁₂₄	2009 12 25.1	06 14.80 +22 16.0 20.3	-0.91	- 0.7	0.4/25.2	42621
2000 QK ₃₂	2009 12 25.1	06 14.80 +29 12.8 19.4	-1.17	+ 3.7	2.2/24.9	93832
2005 XS ₂₄	2009 12 25.1	06 14.82 +26 10.8 19.7	-1.14	- 4.3	1.0/25.3	96612
2003 SB ₇₇	2009 12 25.1	06 14.86 +37 46.7 19.9	-1.11	- 2.4	4.9/25.4	47257
2002 CZ ₂₆₉	2009 12 25.2	06 14.76 +18 49.3 20.1	-1.02	+ 1.6	1.7/25.4	47205
2003 TK ₄₄	2009 12 25.2	06 14.76 +37 05.2 18.6	-1.12	+ 5.9	5.0/24.1	66160
2003 UN ₂₂₀	2009 12 25.2	06 14.76 +15 49.8 20.2	-0.89	- 1.4	2.5/25.2	56920
2005 VN ₃₂	2009 12 25.2	06 14.81 +28 40.1 20.3	-1.17	+ 2.4	1.9/25.0	43242
1998 YM ₁₉	2009 12 25.2	06 14.84 +23 39.4 19.8	-1.15	+ 2.5	0.1/25.2	21750
2006 EN ₄₅	2009 12 25.2	06 14.88 +23 52.3 19.9	-1.05	- 1.4	0.2/25.2	58043
2004 RP ₃₉	2009 12 25.2	06 14.88 +27 30.6 18.6	-1.10	+ 0.7	1.8/25.1	60807
2007 HV ₁₅	2009 12 25.2	06 14.92 +26 51.4 20.3	-1.07	+ 2.0	1.1/25.1	47430
2003 UN ₂₄₇	2009 12 25.2	06 14.93 +34 26.1 19.1	-1.04	+ 3.0	3.6/24.7	47275
2006 AL ₃₇	2009 12 25.2	06 14.93 +20 38.1 20.6	-0.99	+ 2.1	0.9/25.3	43251
2005 TZ ₉₈	2009 12 25.2	06 14.94 +14 25.0 19.6	-1.11	- 1.8	4.0/25.2	60840
2001 SD ₁₅₇	2009 12 25.2	06 14.94 +32 20.7 18.7	-1.21	- 1.9	4.0/25.3	43128
2005 VG ₈₇	2009 12 25.2	06 14.95 +22 21.8 21.6	-1.15	+ 0.6	0.4/25.3	96406
2004 JC ₄₄	2009 12 25.2	06 14.96 +13 03.9 21.4	-1.08	+ 0.6	3.5/25.5	47294
2008 TN ₇	2009 12 25.2	06 14.97 +37 49.6 20.5	-1.06	+ 0.5	4.4/24.9	58619
2004 RQ ₇₆	2009 12 25.2	06 15.01 +30 01.8 20.0	-1.10	+ 0.9	2.3/25.1	47304
2001 TF ₉₇	2009 12 25.2	06 15.02 +19 42.9 18.3	-1.07	- 1.7	1.7/25.3	17958
2005 WA ₁₃₂	2009 12 25.2	06 15.02 +26 15.5 20.4	-1.14	+ 2.4	1.3/25.1	03809
2007 EC ₇₄	2009 12 25.2	06 15.03 +25 59.5 21.7	-1.03	+ 0.1	0.8/25.2	47422
2003 FL ₂₇	2009 12 25.2	06 15.04 +18 03.3 19.5	-1.07	- 0.4	2.4/25.3	43169
1995 TB ₁₁	2009 12 25.2	06 15.06 +27 32.8 20.6	-1.09	- 2.8	1.4/25.3	10684
2003 TY ₁₂	2009 12 25.2	06 15.08 +41 27.5 20.1	-1.19	- 0.4	5.9/25.3	02176
2006 KG ₁₈	2009 12 25.2	06 15.08 +12 03.1 20.8	-0.83	+ 1.8	3.4/25.7	46485
2008 UB ₂₀₇	2009 12 25.2	06 15.09 +22 10.8 21.1	-0.90	+ 0.3	0.4/25.3	50586
2002 QD ₈₅	2009 12 25.2	06 15.10 +10 15.2 20.3	-0.83	+ 1.2	4.2/25.7	47225
2004 RZ ₃₅₅	2009 12 25.2	06 15.13 +31 23.4 20.0	-1.14	+ 2.4	3.1/25.0	23983
2001 ST ₁₆₁	2009 12 25.2	06 15.16 +18 29.6 20.1	-1.10	0.0	1.9/25.4	57354
2007 ER ₆₉	2009 12 25.2	06 15.16 +22 44.7 20.6	-1.14	+ 1.4	0.3/25.3	19402
2005 AH ₃₆	2009 12 25.2	06 15.18 +37 44.9 20.3	-1.10	- 3.2	3.8/25.5	24452
2006 FF ₅	2009 12 25.2	06 15.18 +11 34.6 20.7	-0.94	+ 0.6	4.0/25.5	47401
1995 XF ₃	2009 12 25.2	06 15.20 +16 54.3 19.7	-1.11	+ 1.2	3.1/25.5	35747
2006 AS ₁₀	2009 12 25.2	06 15.21 +24 54.5 19.0	-1.06	+ 2.7	0.6/25.2	43250
2005 TK ₁	2009 12 25.2	06 15.22 +32 52.7 20.9	-1.30	+ 2.0	3.8/25.0	97845
1999 RL ₁₆₂	2009 12 25.2	06 15.22 +37 08.3 20.3	-1.17	+ 1.3	4.6/25.0	40663
2008 TG ₄	2009 12 25.2	06 15.23 +08 35.0 20.9	-0.85	- 0.1	4.4/25.6	58619
2005 UR ₂₆₁	2009 12 25.2	06 15.24 +15 04.2 21.2	-1.12	+ 0.4	3.2/25.5	41215
2007 DA ₆₅	2009 12 25.2	06 15.24 +11 42.8 20.2	-1.07	+ 1.7	4.6/25.7	47420
2004 TA ₂₅₉	2009 12 25.2	06 15.25 +22 15.5 21.6	-1.03	+ 0.2	0.4/25.3	41167
2002 RH ₆	2009 12 25.2	06 15.27 +16 04.2 19.8	-1.17	+ 1.6	3.5/25.6	40107
2005 WT ₄	2009 12 25.2	06 15.28 +39 44.7 18.6	-1.28	- 3.0	7.5/25.6	66231
2008 LB ₁₇	2009 12 25.3	06 15.21 +19 09.4 21.6	-1.13	+ 1.9	1.5/25.5	41927
2005 TH ₁₇	2009 12 25.3	06 15.21 +27 13.5 20.8	-1.23	+ 1.2	1.5/25.2	21840
2002 HR ₁₃	2009 12 25.3	06 15.23 +04 01.5 21.0	-0.88	- 0.4	5.4/25.5	45948

2004 HA ₉	2009 12 25.3	06 15.24 +22 08.2 20.2	-1.19	+ 2.1	0.5/25.4	21811
2003 SF ₂₂₃	2009 12 25.3	06 15.25 +48 39.0 19.7	-1.28	+ 3.2	8.1/24.2	47262
2006 CZ ₈	2009 12 25.3	06 15.26 +21 58.5 20.1	-0.98	+ 1.0	0.5/25.4	52446
2008 RQ ₃₂	2009 12 25.3	06 15.28 +20 14.8 21.0	-0.94	+ 0.5	1.0/25.4	50168
2001 EA ₃	2009 12 25.3	06 15.34 +19 09.3 19.2	-0.94	+ 1.4	1.5/25.5	47164
2005 TJ ₆₈	2009 12 25.3	06 15.34 +32 14.1 20.9	-1.26	+ 1.8	3.4/25.0	01008
2005 QD ₁₃₁	2009 12 25.3	06 15.34 +25 51.9 20.8	-1.23	+ 1.3	0.9/25.3	57008
2008 SN ₃₃	2009 12 25.3	06 15.35 +16 40.7 22.0	-0.98	+ 0.7	2.2/25.5	46736
2005 SF ₁₂₅	2009 12 25.3	06 15.38 +27 43.4 20.5	-1.23	+ 0.6	1.6/25.2	95860
2002 CO ₂₁₇	2009 12 25.3	06 15.38 +22 41.8 19.1	-1.03	+ 1.8	0.3/25.4	62342
1998 SJ ₈₄	2009 12 25.3	06 15.43 +18 29.0 20.6	-1.20	+ 1.9	2.2/25.5	93732
2001 QB ₁₄₆	2009 12 25.3	06 15.43 +21 17.0 21.2	-1.14	+ 0.3	0.8/25.4	13778
2005 WY ₄₇	2009 12 25.3	06 15.44 +26 22.1 21.1	-1.13	+ 1.1	1.0/25.3	47361
2003 KT ₇	2009 12 25.3	06 15.45 +11 20.8 21.5	-0.94	+ 3.1	3.7/26.0	00444
2008 SJ ₆₁	2009 12 25.3	06 15.46 +20 20.2 21.4	-1.07	+ 0.4	1.0/25.4	50244
2002 AH ₁₆₄	2009 12 25.3	06 15.47 +22 53.7 18.2	-1.07	- 2.0	0.2/25.3	66124
2001 QT ₃₃₄	2009 12 25.3	06 15.48 +21 09.9 20.0	-1.14	+ 3.8	0.9/25.5	62316
2006 CY ₁	2009 12 25.3	06 15.48 +26 57.7 21.3	-1.00	+ 0.7	1.1/25.3	48992
2002 RF ₅₅	2009 12 25.3	06 15.55 +14 12.7 19.5	-1.15	- 0.9	4.3/25.5	40676
2002 UU ₂₄	2009 12 25.3	06 15.58 +31 07.4 20.1	-1.31	+ 1.7	3.0/25.1	39176
2002 RA ₃₈	2009 12 25.3	06 15.62 +31 03.4 20.3	-1.34	- 1.7	3.2/25.4	14668
2006 CP ₂₉	2009 12 25.3	06 15.62 +21 11.4 20.2	-1.01	+ 0.3	0.9/25.4	47388
1999 KF ₁₂	2009 12 25.3	06 15.64 +19 33.2 21.0	-0.99	+ 1.4	1.2/25.5	59648
2005 SU ₁₇₈	2009 12 25.3	06 15.65 +33 28.4 19.5	-1.27	- 2.0	4.6/25.4	22519
2001 OW ₂₂	2009 12 25.3	06 15.66 +01 44.3 18.6	-1.39	-13.5	11.4/23.1	20850
2004 GF ₇₁	2009 12 25.3	06 15.68 +22 18.8 19.2	-1.19	+ 2.3	0.5/25.4	59724
2003 UJ ₅₅	2009 12 25.3	06 15.68 +24 09.1 18.3	-1.01	- 3.7	0.3/25.4	66161
1996 TN ₉	2009 12 25.3	06 15.68 +36 37.2 18.7	-1.18	+ 1.5	5.7/25.0	66083
2008 RA ₉₆	2009 12 25.3	06 15.69 +37 58.6 21.0	-1.10	- 1.7	4.6/25.5	50191
2003 UJ ₂₉₁	2009 12 25.3	06 15.70 +16 47.2 20.6	-0.88	+ 0.1	2.2/25.5	48911
2006 HA ₃₂	2009 12 25.3	06 15.72 +11 12.1 19.2	-0.88	+ 1.9	4.4/25.9	47407
2003 UZ ₄₃	2009 12 25.3	06 15.73 +23 28.0 20.9	-0.94	+ 0.2	0.0/25.4	56917
2001 TT ₉₀	2009 12 25.3	06 15.74 +28 22.5 19.8	-1.19	- 1.0	1.9/25.4	17957
2006 DC ₆₁	2009 12 25.4	06 15.64 +06 52.0 20.8	-0.84	+ 0.3	5.1/25.8	53481
2008 RJ ₆₆	2009 12 25.4	06 15.65 +23 34.2 19.3	-0.96	+ 1.4	0.1/25.4	49040
2004 VW ₈	2009 12 25.4	06 15.66 +23 45.8 19.2	-1.09	- 3.9	0.1/25.4	74428
2008 ST ₄₈	2009 12 25.4	06 15.68 +36 46.6 20.3	-1.03	- 0.1	4.1/25.2	59813
2003 OU ₇	2009 12 25.4	06 15.69 +06 51.0 20.4	-0.95	+ 2.0	5.2/26.0	21795
2001 QA ₂₁₆	2009 12 25.4	06 15.69 +34 38.1 19.0	-1.27	- 0.1	4.7/25.3	17940
2008 RB ₈₄	2009 12 25.4	06 15.70 +26 09.4 21.8	-1.22	- 0.3	1.0/25.4	58611
2002 PO ₁₇₄	2009 12 25.4	06 15.75 +15 23.4 20.4	-0.87	+ 3.1	2.4/25.8	13912
2008 SC ₅₀	2009 12 25.4	06 15.76 +19 58.8 21.9	-0.99	+ 0.3	1.1/25.5	46751
1997 WG ₂₄	2009 12 25.4	06 15.77 +12 41.2 20.2	-0.85	- 1.4	3.4/25.5	48463
2008 OH	2009 12 25.4	06 15.79 +20 30.6 19.8	-1.07	+ 1.5	1.0/25.5	47447
2004 VQ ₆₆	2009 12 25.4	06 15.79 +19 18.1 20.1	-0.98	- 0.6	1.4/25.5	48953
2004 PH ₉₂	2009 12 25.4	06 15.82 +08 58.9 18.8	-1.01	- 4.4	6.0/25.1	41809
2005 CD ₆₂	2009 12 25.4	06 15.88 +21 49.2 19.2	-0.91	+ 2.0	0.5/25.5	47341
2002 QF ₁₀₈	2009 12 25.4	06 15.92 +22 04.4 19.2	-1.13	+ 0.4	0.7/25.5	18019
1997 RR ₂	2009 12 25.4	06 15.92 +05 41.1 20.5	-0.82	- 0.1	4.9/26.0	58394
2001 TL ₅₇	2009 12 25.4	06 15.93 +27 17.8 19.3	-1.15	+ 0.4	1.8/25.4	17957
2002 SH ₈	2009 12 25.4	06 15.94 +25 10.3 20.2	-1.20	+ 1.7	0.9/25.4	97619

2000 UA ₃	2009 12 25.4	06 15.96 +35 53.7 17.4	-1.01 + 5.9	6.5/24.4	66098	2007 HU ₄₇	2009 12 25.5	06 16.58 +29 20.5 20.6	-1.12 + 2.4	2.1/25.3	22889
2005 AQ ₃₉	2009 12 25.4	06 15.96 +39 59.3 19.9	-1.15 - 3.0	6.2/25.6	77802	2004 RH ₉₈	2009 12 25.5	06 16.62 +04 39.7 21.8	-0.96 + 0.5	5.7/26.2	57405
2003 YF ₉₂	2009 12 25.4	06 15.97 +37 07.8 19.4	-1.09 + 5.2	4.7/24.4	66166	2004 TV ₆₉	2009 12 25.5	06 16.62 +38 58.4 20.9	-1.21 + 0.7	5.2/25.2	47316
2003 WY ₁₈₉	2009 12 25.4	06 16.04 +39 56.9 18.9	-1.13 - 3.0	4.9/25.9	50968	2008 UB ₂₅	2009 12 25.5	06 16.62 +14 31.6 21.0	-0.92 + 0.1	3.1/25.8	50481
2005 UJ ₇₁	2009 12 25.4	06 16.05 +19 06.3 18.8	-1.08 - 5.0	2.1/25.3	60843	2001 RV ₅₄	2009 12 25.5	06 16.62 +21 56.6 21.1	-1.14 + 0.4	0.5/25.6	94028
2005 QM ₃₅	2009 12 25.4	06 16.08 +27 35.0 21.2	-1.25 + 1.1	1.6/25.4	90226	2007 EN ₁₉₆	2009 12 25.5	06 16.63 +26 28.5 21.2	-1.18 + 0.8	1.3/25.5	20858
2005 TH ₇₀	2009 12 25.4	06 16.08 +25 40.0 20.9	-1.19 + 0.6	0.9/25.4	18133	2000 UE ₂₄	2009 12 25.6	06 16.55 +24 26.6 19.0	-1.13 + 3.0	0.4/25.6	64868
2004 PQ ₄₃	2009 12 25.4	06 16.10 +18 52.0 20.0	-1.05 + 0.6	1.8/25.6	19617	2002 VU ₁₁₆	2009 12 25.6	06 16.56 +29 48.5 19.2	-1.29 - 2.2	2.8/25.6	47238
2007 LJ ₂	2009 12 25.4	06 16.10 +26 36.8 20.5	-1.01 + 4.3	1.0/25.3	21247	1998 RH ₈₁	2009 12 25.6	06 16.61 +09 33.1 20.9	-1.10 + 1.3	6.0/26.2	57949
2008 PA ₁₈	2009 12 25.4	06 16.12 +24 58.9 20.1	-1.05 - 2.8	0.5/25.5	47451	2005 UW ₃₉₉	2009 12 25.6	06 16.65 +11 07.5 20.9	-1.07 - 1.8	4.4/25.7	96305
2008 RW ₁₆	2009 12 25.4	06 16.12 +18 47.6 21.8	-1.00 - 0.3	1.5/25.6	58155	2002 RL ₁₃₀	2009 12 25.6	06 16.65 +31 15.2 20.8	-0.97 - 2.3	2.2/25.7	55082
2005 SW ₁₈₇	2009 12 25.4	06 16.12 +24 57.1 19.5	-1.08 + 1.0	0.8/25.4	97834	2007 EX ₁₁₉	2009 12 25.6	06 16.66 +17 24.4 21.9	-0.97 + 0.9	1.9/25.8	55313
2000 SC ₂₅₄	2009 12 25.4	06 16.19 +15 32.9 20.4	-1.03 + 1.4	2.7/25.8	59658	2005 TY ₃	2009 12 25.6	06 16.66 +18 54.7 20.5	-1.17 + 3.3	1.9/25.9	40145
2005 SA ₁₅	2009 12 25.4	06 16.20 +46 30.7 20.4	-1.43 - 0.2	11.0/25.1	26062	2008 UA ₅₆	2009 12 25.6	06 16.66 +31 13.2 20.5	-1.00 + 0.5	2.6/25.4	50501
2005 SR ₆₇	2009 12 25.5	06 16.09 +31 12.7 20.2	-1.27 0.0	3.2/25.4	18124	2008 SR ₁₀₃	2009 12 25.6	06 16.67 +12 29.6 21.7	-0.83 - 0.5	3.2/25.8	50269
2005 YE ₂₇₇	2009 12 25.5	06 16.12 +20 38.2 19.1	-1.12 - 2.5	1.3/25.5	56038	2008 QO ₂₀	2009 12 25.6	06 16.71 +38 45.8 20.4	-1.18 - 1.0	4.6/25.5	47455
2000 QZ ₁	2009 12 25.5	06 16.12 +05 18.1 19.7	-1.02 + 3.8	6.4/26.8	41756	2007 EY ₇₅	2009 12 25.6	06 16.74 +25 55.1 20.7	-1.19 + 0.6	1.0/25.6	43276
2002 JR ₁₇	2009 12 25.5	06 16.13 +26 56.0 20.0	-1.05 + 0.6	1.2/25.4	47215	2006 DD ₁₆₄	2009 12 25.6	06 16.78 +25 59.4 19.7	-1.02 - 0.6	1.0/25.6	47396
2006 BU ₁₉₉	2009 12 25.5	06 16.14 +17 13.4 20.7	-0.95 + 1.5	2.2/25.7	47384	2008 TH ₁₆₇	2009 12 25.6	06 16.79 +21 53.7 20.1	-0.91 - 1.7	0.4/25.7	50457
2004 TG ₁₆₀	2009 12 25.5	06 16.17 +20 04.6 19.6	-0.99 - 0.7	1.2/25.6	48947	2003 UP ₅₆	2009 12 25.6	06 16.81 +11 52.1 20.0	-0.89 - 1.3	3.9/25.8	43186
2004 RW ₇₃	2009 12 25.5	06 16.17 +25 31.2 19.9	-1.08 - 1.4	0.8/25.5	48936	1995 BA ₈	2009 12 25.6	06 16.82 +19 06.7 20.4	-0.91 + 2.0	1.3/25.8	47126
2008 QW ₂₅	2009 12 25.5	06 16.17 +20 52.2 19.8	-1.00 + 1.6	0.9/25.6	50150	2007 EH ₁₈₀	2009 12 25.6	06 16.82 +40 57.2 20.7	-1.24 0.0	5.7/25.3	47424
2005 CQ ₆₄	2009 12 25.5	06 16.18 +08 24.3 19.9	-0.83 + 1.1	4.9/26.0	46280	2007 JJ ₂₀	2009 12 25.6	06 16.84 +18 55.0 20.3	-1.09 + 0.6	2.0/25.8	20673
2008 QM ₃₈	2009 12 25.5	06 16.19 +05 38.3 20.2	-0.83 + 0.8	5.7/26.2	47458	2002 QQ ₉₆	2009 12 25.6	06 16.87 +35 14.9 21.0	-1.01 - 0.1	3.4/25.5	47225
2000 UC ₇₆	2009 12 25.5	06 16.20 +44 06.9 19.6	-1.36 + 2.0	7.7/25.0	19530	2001 SR ₁₀₂	2009 12 25.6	06 16.89 +16 17.7 20.0	-1.09 - 0.3	3.0/25.8	19544
2004 RS ₁₆₁	2009 12 25.5	06 16.22 +04 19.6 20.4	-0.97 + 0.1	7.7/25.8	56949	2005 SC ₂₁₇	2009 12 25.6	06 16.92 +38 42.8 20.0	-1.37 + 1.2	6.1/25.3	97839
2006 BY ₃₇	2009 12 25.5	06 16.22 +10 44.4 20.6	-0.98 + 2.3	4.4/26.0	47377	2001 UQ ₁₀₆	2009 12 25.6	06 16.99 +31 57.2 19.9	-1.21 + 1.8	3.1/25.4	47182
2005 RA ₈	2009 12 25.5	06 16.25 +12 57.1 19.4	-1.13 + 1.1	4.3/25.9	39765	2005 SX ₁₆₁	2009 12 25.6	06 16.99 +16 33.4 21.9	-1.15 + 0.1	2.6/25.8	55190
2004 XK ₁₂₉	2009 12 25.5	06 16.27 +29 40.8 18.8	-1.02 + 4.6	2.2/25.1	66193	2005 UR ₂₀₀	2009 12 25.6	06 17.01 +25 12.2 20.3	-1.14 + 1.9	0.8/25.6	20420
2001 ST ₂₄₀	2009 12 25.5	06 16.29 +26 50.1 21.4	-1.16 + 0.6	1.2/25.5	47176	2008 QL ₁₉	2009 12 25.6	06 17.01 +47 04.3 20.5	-1.24 - 2.2	7.1/26.0	50147
2005 YL ₁₃₃	2009 12 25.5	06 16.32 +27 42.1 20.1	-1.11 + 1.6	1.8/25.4	20832	2002 QR ₁₁₅	2009 12 25.6	06 17.02 +17 22.9 20.1	-0.87 + 3.0	1.8/26.0	45975
2007 LU ₅	2009 12 25.5	06 16.32 +09 07.0 19.3	-0.97 - 0.6	6.0/25.7	47436	2007 EW ₁₇₃	2009 12 25.6	06 17.04 +22 34.3 20.3	-1.17 - 0.4	0.3/25.7	55315
2004 TX ₆₂	2009 12 25.5	06 16.32 +39 22.8 21.8	-1.21 + 1.0	5.0/25.1	47316	2003 WD ₁₅₇	2009 12 25.6	06 17.05 +03 31.9 20.2	-0.85 + 2.8	6.0/27.0	47281
2007 DT ₁₁₂	2009 12 25.5	06 16.33 +25 00.7 20.9	-1.17 + 0.4	0.7/25.5	41863	2002 GD ₉	2009 12 25.6	06 17.06 +26 18.3 18.5	-1.09 + 2.7	1.2/25.6	62345
2003 JY ₁₃	2009 12 25.5	06 16.34 +19 32.9 21.0	-0.97 + 1.6	1.1/25.7	59700	2001 SJ ₁₄₃	2009 12 25.6	06 17.08 +26 01.3 20.4	-1.17 - 0.3	1.0/25.7	94079
2006 DA ₇₀	2009 12 25.5	06 16.42 +22 05.8 19.8	-0.95 + 1.4	0.5/25.6	58525	2006 AY ₁₃	2009 12 25.7	06 16.97 +19 01.0 20.5	-1.01 + 2.0	1.6/25.9	22806
2005 QR ₄₅	2009 12 25.5	06 16.43 +10 10.8 21.2	-1.13 + 3.2	5.2/26.3	97793	2005 AC ₄₄	2009 12 25.7	06 16.99 +24 28.8 19.8	-0.94 + 1.4	0.4/25.7	43228
2007 FR ₂₀	2009 12 25.5	06 16.45 +28 27.2 20.8	-1.23 - 0.7	2.0/25.5	59521	2005 SZ ₉₈	2009 12 25.7	06 17.05 +22 05.6 20.5	-1.18 - 0.9	0.5/25.7	16308
2008 UA ₆₉	2009 12 25.5	06 16.46 +21 09.9 20.6	-0.86 + 1.4	0.6/25.7	58623	2005 SG ₃	2009 12 25.7	06 17.06 +25 17.5 19.9	-1.20 - 0.4	0.8/25.7	18121
2003 UM ₇₃	2009 12 25.5	06 16.46 +12 10.1 19.1	-0.87 - 1.2	3.7/25.7	60789	2002 JP ₁₄₅	2009 12 25.7	06 17.06 +07 51.1 19.7	-0.91 + 2.6	4.8/26.4	47216
2007 BB ₄₈	2009 12 25.5	06 16.48 +26 41.0 20.3	-1.19 + 2.7	1.7/25.4	26242	2002 CG ₂₁₄	2009 12 25.7	06 17.06 +15 44.9 19.4	-0.99 + 2.6	3.5/26.1	94635
2004 SC ₅₃	2009 12 25.5	06 16.48 +24 31.0 20.1	-1.06 - 0.6	0.4/25.6	55996	2005 SS ₁₁₄	2009 12 25.7	06 17.09 +33 58.8 19.8	-1.30 + 0.1	4.3/25.6	15856
2005 YV ₉₇	2009 12 25.5	06 16.49 +25 19.6 20.3	-1.12 + 3.7	0.8/25.5	96760	2004 DY ₅₈	2009 12 25.7	06 17.14 +19 41.5 20.7	-1.20 + 1.9	1.5/25.9	16262
2005 NP ₂₇	2009 12 25.5	06 16.50 +15 25.3 20.2	-1.16 - 1.1	2.9/25.6	40692	2004 ES ₇₉	2009 12 25.7	06 17.16 +18 16.2 19.1	-1.19 - 2.1	2.2/25.7	43199
2001 XH ₂₄₃	2009 12 25.5	06 16.52 +16 38.4 19.9	-1.07 + 6.3	2.5/26.1	41776	2006 DO ₁₁₇	2009 12 25.7	06 17.19 +36 00.3 20.7	-1.03 + 0.6	3.7/25.4	46423
2007 HD ₉₂	2009 12 25.5	06 16.52 +21 44.2 21.1	-1.02 - 0.3	0.5/25.6	46549	2008 SP ₁₄₇	2009 12 25.7	06 17.21 +26 47.7 20.1	-1.03 - 1.2	1.1/25.7	46834
2005 QB ₇₄	2009 12 25.5	06 16.53 +33 55.6 18.6	-1.28 - 1.5	4.9/25.6	66204	2008 RO ₇₄	2009 12 25.7	06 17.22 +24 18.6 20.7	-0.94 + 0.7	0.3/25.7	46677
2006 JJ ₃₄	2009 12 25.5	06 16.54 +32 07.5 20.9	-1.00 + 3.0	2.8/25.1	46480	2002 TX ₁₀₁	2009 12 25.7	06 17.22 +32 04.4 19.0	-1.30 - 0.8	4.3/25.7	60773
2001 QG ₁	2009 12 25.5	06 16.56 +21 02.5 19.4	-1.15 + 0.1	1.0/25.6	60738	2000 SD ₁₈₉	2009 12 25.7	06 17.22 +03 39.4 19.2	-0.99 + 1.3	9.2/28.0	66156
2001 XR ₂₀₇	2009 12 25.5	06 16.56 +21 41.6 18.1	-0.81 + 4.3	0.6/25.7	66119	2002 TC ₁₈₆	2009 12 25.7	06 17.23 +13 59.6 20.1	-1.16 - 0.7	3.9/25.9	85669
2006 BH ₂₅₀	2009 12 25.5	06 16.58 +28 02.0 20.2	-1.02 - 0.2	1.6/25.5	48991	2001 JP ₄	2009 12 25.7	06 17.25 +29 13.1 20.5	-0.96 + 4.0	1.6/25.4	47166

2008 SF ₅₂	2009 12 25.7	06 17.25 +23 24.8 20.8	-0.90 + 0.4	0.0/25.8	50238
2005 VA ₁₀₇	2009 12 25.7	06 17.30 +15 30.7 20.7	-1.10 - 0.9	3.0/25.8	43242
2005 TG ₁₂	2009 12 25.7	06 17.30 +26 02.9 20.4	-1.20 + 1.3	1.0/25.7	97847
2007 FM ₁₈	2009 12 25.7	06 17.33 +11 29.7 20.6	-1.05 + 1.3	4.4/26.2	47425
2005 YM ₇₃	2009 12 25.7	06 17.33 +25 54.3 20.1	-1.12 + 1.5	1.0/25.7	55207
2005 UE ₄₉	2009 12 25.7	06 17.37 +19 53.0 19.5	-1.15 - 2.9	1.5/25.7	43236
2001 RF ₁₃₉	2009 12 25.7	06 17.38 +25 38.2 20.8	-1.16 + 0.7	0.8/25.7	17946
2007 HT ₅	2009 12 25.7	06 17.38 +29 01.6 19.6	-1.22 + 3.0	2.2/25.5	59794
2008 RH ₁₀₄	2009 12 25.7	06 17.42 +13 42.4 21.4	-0.84 - 0.9	2.9/25.9	50194
2006 DG ₁₆₀	2009 12 25.7	06 17.45 +10 34.6 20.4	-0.92 + 1.7	5.0/26.3	57044
2005 CX ₁₃	2009 12 25.7	06 17.45 -01 13.3 20.5	-0.84 + 4.0	6.8/27.3	76645
2001 TL ₅₃	2009 12 25.7	06 17.46 +27 43.5 20.0	-1.19 + 1.7	1.8/25.6	17956
2004 NZ ₃	2009 12 25.7	06 17.47 +26 51.8 21.0	-1.13 + 4.2	1.2/25.6	43202
2005 UN ₃₀₇	2009 12 25.7	06 17.49 +26 12.2 21.0	-1.19 + 0.6	1.1/25.7	96259
2001 CX ₂₉	2009 12 25.7	06 17.49 +21 12.1 19.1	-1.00 + 3.7	0.8/25.9	02028
2006 BK ₂	2009 12 25.7	06 17.52 +30 24.7 19.7	-1.12 - 2.4	2.7/25.8	47376
2007 CE ₂₅	2009 12 25.7	06 17.53 +29 42.8 20.5	-1.27 - 1.3	2.5/25.8	47418
2007 EG ₇₆	2009 12 25.8	06 17.44 +25 42.8 20.9	-1.15 0.0	0.9/25.8	43276
2005 UL ₂₆₇	2009 12 25.8	06 17.44 +20 28.1 20.0	-1.07 + 1.3	1.3/25.9	19664
2004 PG ₅₄	2009 12 25.8	06 17.48 +25 26.2 20.0	-1.10 - 1.0	0.8/25.8	95286
2005 RB ₂₉	2009 12 25.8	06 17.49 +21 49.0 19.7	-1.19 + 2.6	0.6/25.9	40140
2002 CP ₇	2009 12 25.8	06 17.54 +16 26.9 20.5	-1.02 + 2.7	2.3/26.1	47199
2007 HY ₅₇	2009 12 25.8	06 17.59 +16 24.9 21.2	-1.02 + 1.4	2.5/26.1	46546
2003 WJ ₂₃	2009 12 25.8	06 17.60 +16 37.1 20.3	-0.88 + 0.1	2.2/26.0	48913
2001 SM ₂₆₁	2009 12 25.8	06 17.61 +15 11.5 21.3	-1.08 0.0	2.7/26.0	55928
2006 KG ₇₂	2009 12 25.8	06 17.63 +11 40.4 20.1	-0.86 - 0.2	4.2/26.0	57055
2007 EW ₃₁	2009 12 25.8	06 17.63 +14 38.8 19.7	-1.13 + 4.1	3.9/26.4	19385
2002 QQ ₈₂	2009 12 25.8	06 17.65 +26 37.6 21.0	-0.93 - 1.3	0.9/25.8	47225
2002 TV ₃₇₇	2009 12 25.8	06 17.66 +31 25.1 19.6	-1.23 + 1.1	4.1/25.6	22722
2006 BU ₂₄₀	2009 12 25.8	06 17.73 +14 58.6 20.3	-0.93 + 2.4	2.6/26.3	21854
2006 BD ₁₉₃	2009 12 25.8	06 17.73 +11 26.9 20.8	-0.93 + 1.6	3.9/26.3	47383
2006 DZ ₁₂₂	2009 12 25.8	06 17.75 +26 26.9 20.4	-0.99 + 0.6	1.0/25.8	48996
1999 UG ₁₈	2009 12 25.8	06 17.79 +27 53.8 20.6	-1.04 + 1.6	1.6/25.7	97357
2001 QP ₂₃₁	2009 12 25.8	06 17.80 +22 55.4 19.3	-1.16 - 2.5	0.2/25.9	97453
2007 LE ₂₂	2009 12 25.8	06 17.80 +20 04.5 21.1	-1.00 + 4.1	1.0/26.1	41875
2004 VP ₇₉	2009 12 25.8	06 17.82 +19 33.9 21.4	-0.99 + 0.2	1.3/26.0	60387
2001 UM ₁₇₅	2009 12 25.8	06 17.82 +25 38.0 19.7	-1.15 + 2.2	0.8/25.8	97498
2002 CB ₁₆₄	2009 12 25.8	06 17.83 +19 33.4 17.3	-0.93 - 5.5	2.0/25.7	66127
2007 HM ₂₄	2009 12 25.8	06 17.84 +10 27.6 22.0	-0.87 - 0.3	3.4/26.1	47430
1999 TV ₅₃	2009 12 25.8	06 17.86 +29 16.9 20.6	-1.31 + 0.1	2.5/25.8	14589
2007 GD ₆₅	2009 12 25.8	06 17.87 +07 17.1 20.6	-0.96 - 1.8	5.3/25.9	47429
1998 SH ₄₀	2009 12 25.8	06 17.88 +25 42.4 20.7	-0.98 + 0.3	0.8/25.8	48807
2003 SC ₉₅	2009 12 25.8	06 17.92 +16 12.1 20.8	-0.95 - 0.7	2.3/26.0	47258
2007 HW ₃₉	2009 12 25.8	06 17.96 +16 49.2 19.9	-1.03 + 2.7	2.8/26.2	40711
2008 RT ₉₄	2009 12 25.9	06 17.93 +13 22.6 20.2	-0.94 + 0.9	3.5/26.2	50190
2007 GW ₅₀	2009 12 25.9	06 18.00 +18 23.9 19.9	-1.11 + 2.5	2.0/26.1	47428
2003 SU ₂₈	2009 12 25.9	06 18.00 +16 44.7 19.6	-0.93 - 2.0	2.3/25.9	60342
2008 QH ₄₁	2009 12 25.9	06 18.05 +22 12.6 20.5	-0.96 + 0.2	0.4/26.0	58153
2008 PQ ₁₂	2009 12 25.9	06 18.11 +26 17.1 19.9	-1.11 - 0.1	1.1/25.9	50137
2006 FN ₂₀	2009 12 25.9	06 18.12 +11 19.5 20.2	-0.82 - 0.7	3.7/26.1	48999
2008 RA ₆₃	2009 12 25.9	06 18.13 +10 08.7 20.1	-0.85 + 1.4	4.1/26.5	58610

2006 JU ₁₆	2009 12 25.9	06 18.15 +17 39.4 20.6	-0.89 + 0.6	1.8/26.1	47410
2001 QT ₂₈₄	2009 12 25.9	06 18.16 +20 16.6 19.6	-1.14 + 2.0	1.3/26.1	60740
2007 EZ ₈₉	2009 12 25.9	06 18.21 +26 58.6 20.0	-1.21 - 0.7	1.7/25.9	20561
1994 CF	2009 12 25.9	06 18.21 +23 43.1 18.7	-1.11 - 3.2	0.1/26.0	97323
2003 UG ₃₁₇	2009 12 25.9	06 18.23 +36 50.3 21.2	-1.08 0.0	4.4/25.7	21805
2006 HM ₁₃₄	2009 12 25.9	06 18.23 +00 54.4 20.7	-0.86 + 0.2	7.9/26.7	47409
2002 NW ₃₅	2009 12 25.9	06 18.28 +24 38.4 19.8	-0.93 - 2.3	0.4/26.0	48869
2006 AB ₂₈	2009 12 25.9	06 18.32 +06 04.9 20.0	-0.87 + 2.0	5.6/26.8	47373
2002 PV ₁₅₇	2009 12 25.9	06 18.38 +11 30.5 20.1	-0.86 + 3.6	3.7/26.7	47222
2007 DS ₄₂	2009 12 25.9	06 18.41 +19 40.3 19.7	-1.18 + 1.7	1.8/26.1	20850
2005 SV ₂₆₃	2009 12 26.0	06 18.31 +24 37.1 19.3	-1.08 + 2.9	0.6/25.9	95961
2004 EG ₈₆	2009 12 26.0	06 18.32 +18 44.4 19.1	-1.16 + 3.0	2.1/26.2	47291
2002 PX ₁₅₉	2009 12 26.0	06 18.33 +31 32.7 21.6	-0.97 0.0	2.2/25.8	47222
2005 UY ₃₅₀	2009 12 26.0	06 18.34 +18 39.9 19.4	-1.13 - 2.7	2.0/26.0	11145
2005 SU ₁₇₁	2009 12 26.0	06 18.38 +33 43.8 20.9	-1.33 - 0.2	4.2/25.8	62436
2005 CR ₆₉	2009 12 26.0	06 18.39 +13 43.8 19.4	-0.85 + 2.6	3.1/26.5	47342
2002 NH ₅₉	2009 12 26.0	06 18.40 +18 58.6 19.9	-0.90 + 3.0	1.3/26.3	47218
2004 RF ₂₀₇	2009 12 26.0	06 18.41 +09 26.3 20.3	-1.01 - 1.3	4.7/26.2	11068
2005 VX ₈	2009 12 26.0	06 18.49 +23 04.3 21.5	-1.14 + 0.5	0.1/26.0	01098
2007 EC ₇₅	2009 12 26.0	06 18.49 +23 29.6 20.5	-1.10 + 0.3	0.0/26.0	47422
2002 PG ₉	2009 12 26.0	06 18.55 +24 17.1 20.1	-0.92 - 1.8	0.3/26.0	48870
2004 RB ₂₁₈	2009 12 26.0	06 18.57 +17 13.5 19.8	-1.04 - 3.9	2.3/25.9	40129
2007 EN ₁₇	2009 12 26.0	06 18.58 +19 35.7 21.5	-1.12 + 0.6	1.4/26.1	43274
2006 BC ₃₂	2009 12 26.0	06 18.59 +36 04.0 20.4	-1.18 - 1.8	4.6/26.0	53466
2008 SO ₆₆	2009 12 26.0	06 18.65 +12 09.4 19.3	-0.73 - 0.1	3.3/26.3	58615
2005 SO ₂₅₃	2009 12 26.0	06 18.68 +23 47.8 19.2	-1.21 - 1.5	0.2/26.1	16313
2005 SZ ₁₄₅	2009 12 26.0	06 18.72 +29 54.7 20.2	-1.22 + 2.0	2.9/25.8	33461
2008 SB ₁₁	2009 12 26.0	06 18.73 +41 32.3 20.8	-1.23 + 0.3	5.7/25.7	50217
2004 RM ₂₅₅	2009 12 26.0	06 18.76 +35 15.2 19.8	-1.19 + 3.2	4.1/25.5	43211
2008 QM	2009 12 26.0	06 18.79 +21 23.6 21.8	-1.10 + 1.0	0.7/26.1	46603
2005 CK ₄₆	2009 12 26.0	06 18.79 +28 13.7 20.0	-0.93 + 0.1	1.5/26.0	51007
2002 PF ₃₁	2009 12 26.0	06 18.79 +13 36.3 19.8	-0.85 + 1.1	2.9/26.4	47220
2003 SF ₁₃₇	2009 12 26.0	06 18.79 +09 51.3 20.3	-0.86 - 0.8	4.1/26.3	47259
2002 LO ₄₉	2009 12 26.0	06 18.81 +28 01.2 19.0	-1.08 + 5.3	1.7/25.7	62349
2005 WC ₆₉	2009 12 26.0	06 18.82 +20 35.2 21.0	-1.10 + 0.1	1.0/26.2	48980
2001 RH ₁₂₈	2009 12 26.0	06 18.84 +23 28.3 18.6	-1.13 + 2.8	0.1/26.1	60741
2001 QL ₂₄	2009 12 26.1	06 18.76 +32 46.3 19.3	-1.25 - 1.1	3.8/26.1	17935
2008 QB ₉	2009 12 26.1	06 18.79 +16 49.4 20.4	-0.95 + 1.3	2.3/26.3	50142
2002 PG ₁₆₀	2009 12 26.1	06 18.80 +28 33.8 19.9	-1.28 + 0.6	2.5/26.0	14665
2001 RR ₁₁₅	2009 12 26.1	06 18.80 +18 37.4 21.1	-1.11 + 1.4	1.7/26.3	40670
2002 DL ₁₇	2009 12 26.1	06 18.82 -07 42.6 18.8	-1.26 +12.3	14.7/30.7	10863
2007 EM ₆₉	2009 12 26.1	06 18.84 +21 52.5 21.8	-1.11 + 1.3	0.5/26.2	47422
2005 SC ₆₈	2009 12 26.1	06 18.87 +25 32.4 21.6	-1.21 - 0.1	0.8/26.1	47352
2000 EF ₄₅	2009 12 26.1	06 18.92 +30 10.4 20.2	-1.26 + 0.1	2.6/26.0	47143
2004 RS ₃₁₉	2009 12 26.1	06 18.93 +31 22.0 19.4	-1.17 - 2.2	2.9/26.1	47311
2004 TU ₃₃	2009 12 26.1	06 18.93 +36 09.6 18.6	-1.12 + 2.6	5.5/25.6	74373
2007 EY ₈₇	2009 12 26.1	06 18.94 +14 28.9 21.0	-1.06 + 0.9	3.3/26.4	47423
2001 SE ₃₂₅	2009 12 26.1	06 18.98 +15 56.0 20.0	-1.08 + 3.0	2.8/26.5	60744
2004 RP ₃₄₆	2009 12 26.1	06 18.99 +44 20.5 20.0	-1.29 - 1.0	6.6/26.1	48942
2008 UF ₈₂	2009 12 26.1	06 19.02 +20 11.0 20.1	-0.87 + 1.9	1.0/26.3	50517
2003 YK ₇₁	2009 12 26.1	06 19.04 +22 54.5 18.9	-0.89 - 1.5	0.1/26.2	59087

2004 RW ₂₂₉	2009 12 26.1	06 19.06 +13 58.9 20.8	-0.99 + 0.4	3.1/26.4	41814
2001 PY ₃₃	2009 12 26.1	06 19.07 +27 08.5 20.7	-1.21 + 3.0	1.4/26.0	90062
2007 HQ ₉₅	2009 12 26.1	06 19.08 +25 50.8 21.9	-1.07 + 0.8	0.8/26.1	46549
2003 UU ₁₈₂	2009 12 26.1	06 19.09 +25 06.4 20.3	-0.94 + 0.8	0.6/26.1	46080
2007 JO ₁₈	2009 12 26.1	06 19.10 +19 23.1 22.0	-0.98 + 1.4	1.3/26.3	46553
2002 TW ₁₁₂	2009 12 26.1	06 19.10 +01 29.9 20.9	-0.78 0.0	5.6/26.7	47233
2005 WF ₁₉₄	2009 12 26.1	06 19.11 +31 28.7 19.7	-1.22 + 3.2	3.3/25.8	60853
2007 HK ₅₀	2009 12 26.1	06 19.11 +15 56.5 21.2	-1.07 + 1.2	2.9/26.4	20649
2006 SG ₂₁₂	2009 12 26.1	06 19.11 -12 08.1 20.9	-1.22 - 3.8	16.4/25.9	39258
2005 YU ₁₂	2009 12 26.1	06 19.12 +27 59.9 19.7	-1.15 - 0.4	1.9/26.1	96669
2004 TR ₃₃₂	2009 12 26.1	06 19.12 +26 43.2 20.4	-1.04 + 0.8	1.2/26.1	47323
2007 MM ₂	2009 12 26.1	06 19.13 +07 33.7 20.7	-0.91 + 2.4	4.9/26.9	59794
2004 RF ₃₁₃	2009 12 26.1	06 19.14 +01 47.7 19.4	-0.92 + 0.2	9.0/26.7	20801
2008 OW	2009 12 26.1	06 19.15 +24 33.9 21.3	-1.18 - 0.3	0.4/26.2	47447
2008 SE ₁₄₇	2009 12 26.1	06 19.16 +19 35.5 20.0	-0.96 - 0.8	1.3/26.2	46833
2005 YR ₂₀₁	2009 12 26.1	06 19.17 +22 40.6 20.1	-1.08 + 0.7	0.3/26.2	19269
2008 RB ₁₁₀	2009 12 26.1	06 19.20 +18 51.5 20.7	-0.89 + 0.2	1.5/26.3	50199
2008 RN ₁₂₁	2009 12 26.1	06 19.22 +23 46.3 19.9	-0.94 + 0.5	0.1/26.2	58924
2003 OO ₃₃	2009 12 26.1	06 19.23 +17 53.2 21.0	-0.95 - 2.6	1.7/26.2	59701
2007 LV ₂₈	2009 12 26.1	06 19.23 +25 38.5 20.9	-0.88 - 1.6	0.6/26.2	24154
2008 RP ₃₉	2009 12 26.1	06 19.24 -03 08.8 20.5	-0.82 + 0.6	9.0/27.0	46659
2008 SQ ₅₄	2009 12 26.1	06 19.25 +22 36.2 21.0	-0.90 + 0.4	0.2/26.2	50240
2005 QG ₄	2009 12 26.2	06 19.21 +24 10.5 20.4	-1.22 + 0.2	0.3/26.2	18115
2002 NT ₂₆	2009 12 26.2	06 19.21 +09 13.5 21.7	-0.83 + 1.4	3.4/26.7	59681
2000 FW ₅₇	2009 12 26.2	06 19.23 -12 10.3 20.6	-0.78 + 1.0	9.3/27.4	10732
2005 YV ₁₁₉	2009 12 26.2	06 19.27 +15 55.4 19.5	-1.06 + 8.9	3.3/27.1	96775
2002 XO ₃₅	2009 12 26.2	06 19.29 +14 22.5 17.3	-1.30 +18.9	4.4/27.9	21324
2008 JV ₄	2009 12 26.2	06 19.30 +36 59.8 21.5	-1.38 + 1.5	4.7/25.8	41665
2004 RA ₅₅	2009 12 26.2	06 19.31 +34 58.4 20.4	-1.18 + 0.5	4.0/25.9	48935
2004 RV ₂₂₈	2009 12 26.2	06 19.33 +27 30.9 19.9	-1.07 - 0.1	1.6/26.1	48940
2006 AH ₁₄	2009 12 26.2	06 19.34 +25 54.9 19.7	-1.04 - 0.9	0.9/26.2	47373
2004 GX ₁₇	2009 12 26.2	06 19.34 +27 29.9 19.7	-1.24 + 2.4	1.8/26.0	59090
2005 XE ₇₉	2009 12 26.2	06 19.35 +28 34.9 18.2	-1.13 + 7.3	2.2/25.7	66239
2005 YJ ₁	2009 12 26.2	06 19.35 +18 04.6 18.8	-1.08 + 9.4	2.3/26.8	66239
2004 GE ₄₆	2009 12 26.2	06 19.36 +30 55.6 20.8	-1.24 + 1.8	2.8/25.9	43200
2006 BB ₈₁	2009 12 26.2	06 19.37 +25 29.9 20.2	-0.99 + 1.2	0.7/26.2	47379
2008 SZ ₁₇₁	2009 12 26.2	06 19.40 +33 59.5 21.7	-1.23 - 0.4	3.6/26.1	46859
2005 CB ₅₇	2009 12 26.2	06 19.40 +25 26.3 19.7	-0.93 - 1.2	0.6/26.2	47341
2005 PE ₃	2009 12 26.2	06 19.41 +14 19.8 20.5	-1.16 + 2.7	3.5/26.7	39219
2001 UQ ₁₆₁	2009 12 26.2	06 19.42 +18 18.0 19.4	-1.09 - 1.2	2.1/26.3	97497
2002 JY ₈₅	2009 12 26.2	06 19.45 +30 19.9 19.5	-1.05 + 1.0	2.4/26.0	48868
1998 XE ₂₀	2009 12 26.2	06 19.46 +31 05.2 19.7	-1.00 + 3.3	2.5/25.8	47132
2004 HW ₂₇	2009 12 26.2	06 19.49 +20 56.1 20.5	-1.14 + 1.8	0.9/26.4	47293
2002 TW ₂₉₀	2009 12 26.2	06 19.50 +22 30.7 18.7	-1.21 - 2.7	0.4/26.3	16226
2004 VP ₇₂	2009 12 26.2	06 19.55 +20 39.9 19.8	-0.98 - 0.4	0.9/26.3	47327
2001 WE ₈₂	2009 12 26.2	06 19.55 +24 21.6 20.6	-1.12 + 1.4	0.3/26.2	59073
2005 QM ₁₁₃	2009 12 26.2	06 19.57 +22 43.6 19.8	-1.19 + 1.4	0.2/26.3	59754
2005 EJ ₃₈	2009 12 26.2	06 19.57 +23 48.7 19.5	-1.06 - 6.4	0.1/26.3	76786
2006 DF ₂₁₅	2009 12 26.2	06 19.62 +01 46.8 19.7	-0.89 + 0.3	8.0/26.8	57435
2005 UY ₁₉₃	2009 12 26.2	06 19.64 +27 09.6 20.9	-1.20 + 1.4	1.4/26.1	41212
2004 GW ₇₇	2009 12 26.2	06 19.65 +05 14.6 19.6	-1.06 + 5.5	6.5/28.0	41806

2005 EC ₃₃₀	2009 12 26.2	06 19.65 +22 56.6 19.9	-0.92 + 0.5	0.1/26.3	60400
2005 WV ₆₆	2009 12 26.2	06 19.66 +19 42.0 20.6	-1.09 - 0.5	1.6/26.3	20825
2007 KC ₄	2009 12 26.2	06 19.70 +18 24.7 19.2	-0.96 + 3.0	1.7/26.6	47435
2008 NX ₁	2009 12 26.2	06 19.72 +20 14.2 20.7	-1.07 - 2.6	1.1/26.3	41927
2003 UW ₁₅₀	2009 12 26.3	06 19.67 +24 14.4 19.5	-0.95 + 1.6	0.3/26.3	47272
2006 SW ₂₇₀	2009 12 26.3	06 19.68 -17 08.8 20.6	-1.16 - 1.0	19.6/28.0	53548
2004 VV ₈₄	2009 12 26.3	06 19.72 +15 17.8 19.9	-0.97 - 2.3	2.7/26.3	58007
2005 AF ₅₄	2009 12 26.3	06 19.73 +26 08.5 19.4	-0.95 + 1.0	1.0/26.2	47337
2008 SJ ₇₉	2009 12 26.3	06 19.73 +15 49.3 20.4	-0.92 - 0.2	2.5/26.5	46775
2004 VG ₁	2009 12 26.3	06 19.73 +37 10.0 20.6	-1.15 + 2.5	4.2/25.7	47324
2000 DX ₁₁₃	2009 12 26.3	06 19.73 +19 29.7 21.0	-1.16 + 1.4	1.6/26.4	55914
2002 TG ₃₁₂	2009 12 26.3	06 19.75 +51 57.1 21.2	-1.27 + 3.4	7.3/24.4	48883
2005 YG ₁₀₀	2009 12 26.3	06 19.76 +26 22.0 20.0	-1.08 + 1.7	1.3/26.2	20831
2002 CU ₃₀	2009 12 26.3	06 19.76 +22 36.6 18.3	-1.01 + 5.5	0.4/26.4	66126
2005 UH ₈₄	2009 12 26.3	06 19.77 +14 49.2 19.9	-1.03 - 0.8	4.1/26.4	19212
2000 AU ₂₄₂	2009 12 26.3	06 19.78 +11 27.4 19.1	-0.74 - 0.7	3.2/26.4	50887
2003 EP ₅₈	2009 12 26.3	06 19.81 +30 34.9 19.0	-1.17 - 2.2	3.5/26.3	60785
1991 VR ₉	2009 12 26.3	06 19.81 +35 49.2 19.9	-1.20 + 3.4	4.5/25.7	41748
2008 ST ₂₈₆	2009 12 26.3	06 19.83 +17 02.2 19.5	-0.94 - 2.4	2.0/26.3	65615
2008 RT ₃₄	2009 12 26.3	06 19.84 +22 39.4 20.8	-1.04 + 0.1	0.2/26.4	55500
2002 EW ₉₈	2009 12 26.3	06 19.85 +42 05.8 20.9	-1.16 + 0.3	5.2/25.8	47208
2007 LH ₅	2009 12 26.3	06 19.89 +12 40.5 20.7	-0.93 + 3.8	3.4/27.0	21881
2002 QH ₈₇	2009 12 26.3	06 19.89 +34 46.6 21.1	-0.99 + 0.3	3.2/26.0	45971
2003 SR ₃₃₁	2009 12 26.3	06 19.97 +05 15.2 19.6	-0.83 + 0.1	7.6/26.8	43183
2000 QQ ₁₃₆	2009 12 26.3	06 20.01 +25 50.2 21.3	-1.10 0.0	0.8/26.3	47147
2005 SM ₂₀₃	2009 12 26.3	06 20.02 +34 33.9 19.8	-1.29 + 1.8	4.7/26.0	97836
2005 SQ ₆₀	2009 12 26.3	06 20.02 +19 07.3 21.0	-1.15 + 0.6	1.6/26.5	18124
2001 XN ₂	2009 12 26.3	06 20.04 +37 11.5 18.7	-1.74 -15.5	7.5/28.0	10834
2005 WD ₁₅₉	2009 12 26.3	06 20.05 +39 38.8 18.5	-1.30 + 8.9	7.1/24.5	66235
2001 QC ₁₆₈	2009 12 26.3	06 20.07 +26 11.5 20.1	-1.18 + 3.2	1.1/26.2	25826
2007 PZ ₁₇	2009 12 26.3	06 20.09 +36 12.6 20.4	-1.00 - 1.6	3.4/26.3	62521
2004 TZ ₉₃	2009 12 26.3	06 20.11 +09 26.1 20.2	-0.95 - 0.4	4.8/26.7	47317
2004 RW ₃₀₈	2009 12 26.3	06 20.11 +20 53.3 20.2	-1.03 + 1.9	1.0/26.5	34813
2002 FT ₃₃	2009 12 26.3	06 20.18 +33 37.2 19.4	-1.18 + 5.5	4.4/25.5	43152
2001 RP ₉₀	2009 12 26.3	06 20.18 +21 54.9 20.3	-1.16 + 1.9	0.6/26.5	00048
2008 RL ₁₁₇	2009 12 26.4	06 20.08 +12 22.6 20.7	-0.93 0.0	3.6/26.7	46706
2005 RZ ₂₂	2009 12 26.4	06 20.10 +12 20.2 19.9	-1.12 + 0.4	5.0/26.8	40140
2008 RN ₂₂	2009 12 26.4	06 20.14 +05 31.6 21.0	-0.97 + 3.0	6.0/27.5	58155
2007 DA ₇₁	2009 12 26.4	06 20.16 +20 54.7 21.3	-1.08 + 1.2	0.8/26.5	58085
2001 YA ₁₂₇	2009 12 26.4	06 20.17 +30 15.7 18.4	-1.16 - 0.4	2.9/26.3	66122
2003 BF ₅₄	2009 12 26.4	06 20.19 +21 24.8 19.4	-1.16 - 1.4	0.9/26.4	56899
2005 QU ₁₆	2009 12 26.4	06 20.21 +11 22.8 20.5	-1.12 + 3.1	4.7/27.1	40137
2008 TD ₄₉	2009 12 26.4	06 20.24 +11 08.8 20.6	-0.92 - 0.5	4.0/26.6	50398
2003 PX ₁₀	2009 12 26.4	06 20.27 +24 27.1 20.8	-0.98 + 2.5	0.3/26.4	19602
2006 VB ₃₄	2009 12 26.4	06 20.31 -02 22.6 19.8	-1.26 - 8.0	12.4/25.2	39266
2006 HR ₇₅	2009 12 26.4	06 20.31 +17 35.2 20.5	-0.86 + 2.4	1.6/26.7	47408
2003 AR ₁₄	2009 12 26.4	06 20.33 +15 16.1 18.6	-1.11 - 3.6	3.7/26.3	60781
2005 SS ₂₆₈	2009 12 26.4	06 20.35 +21 42.7 20.3	-1.18 + 2.1	0.7/26.5	21839
2007 HZ ₃₁	2009 12 26.4	06 20.35 +25 18.2 21.3	-1.01 + 0.3	0.6/26.4	47431
2005 SX ₁₄₇	2009 12 26.4	06 20.36 +06 24.8 19.3	-1.00 + 0.6	8.1/27.1	22796
2003 AJ ₈₁	2009 12 26.4	06 20.37 +42 09.5 19.0	-1.47 + 4.9	8.5/25.3	10959

2005 UB ₈₆	2009 12 26.4	06 20.41 +25 14.2 20.3	-1.15 + 1.8	0.9/26.4	97893
2007 BN ₁₆	2009 12 26.4	06 20.41 +32 35.5 19.3	-1.29 + 4.1	4.5/25.9	56087
2001 YB ₁₀₆	2009 12 26.4	06 20.42 +20 04.8 19.0	-1.01 + 4.8	1.6/26.7	94449
2008 SX ₆₄	2009 12 26.4	06 20.48 +28 49.1 21.0	-1.11 + 1.1	1.9/26.3	46767
2008 RR ₂₂	2009 12 26.4	06 20.49 +05 45.7 20.7	-0.91 + 1.4	5.8/27.3	46649
2000 TL ₆₆	2009 12 26.4	06 20.52 +27 39.6 19.8	-1.08 + 0.2	1.8/26.4	93878
2002 JF ₁₃₈	2009 12 26.4	06 20.52 +15 44.5 21.1	-0.88 - 0.6	2.1/26.6	59393
2003 DX ₅	2009 12 26.4	06 20.53 +31 57.1 20.0	-1.22 0.0	3.9/26.3	00416
2006 XO ₇₀	2009 12 26.4	06 20.56 +21 49.6 20.2	-1.20 - 1.2	0.6/26.5	43272
2005 CD ₆₈	2009 12 26.4	06 20.59 +13 19.0 19.9	-0.86 + 2.7	3.1/27.0	47341
2003 RP ₁₂	2009 12 26.4	06 20.59 +35 04.5 18.8	-1.10 - 3.1	4.2/26.7	41792
2005 YG ₂₁₁	2009 12 26.4	06 20.61 +26 26.1 18.5	-1.13 - 5.0	1.3/26.6	46354
2002 DG ₉	2009 12 26.4	06 20.62 +26 20.3 18.8	-1.13 + 9.0	1.3/26.2	22698
2004 XH ₅₉	2009 12 26.5	06 20.53 +28 22.4 19.4	-1.01 + 4.4	1.7/26.1	00876
2001 SS ₂₁₂	2009 12 26.5	06 20.53 +22 50.4 19.2	-1.12 + 2.7	0.2/26.5	17952
2003 FW ₁₂₇	2009 12 26.5	06 20.56 -04 50.2 18.8	-0.97 - 0.7	11.4/28.0	20778
2002 EK ₂₅	2009 12 26.5	06 20.57 +16 56.9 20.7	-1.02 - 1.2	2.2/26.6	47207
2008 OA ₇	2009 12 26.5	06 20.58 -02 48.8 22.2	-0.84 + 2.1	6.8/28.3	47447
2002 ES ₇₉	2009 12 26.5	06 20.60 +11 06.7 20.4	-1.00 - 0.8	4.9/26.6	47208
2002 TA ₁₇	2009 12 26.5	06 20.63 +33 45.2 20.1	-1.32 + 0.1	4.8/26.3	14672
2005 SG ₂₆₄	2009 12 26.5	06 20.64 +17 49.6 18.9	-1.05 + 1.3	2.7/26.7	60838
2005 CD ₁₇	2009 12 26.5	06 20.65 +30 51.3 20.2	-0.97 - 1.1	2.3/26.4	47340
2005 SX ₂₁₅	2009 12 26.5	06 20.65 +40 45.9 20.6	-1.44 - 2.1	7.4/26.8	95930
2005 YP ₂₉₁	2009 12 26.5	06 20.65 +17 17.7 20.5	-1.03 + 1.6	2.4/26.8	41235
2004 RZ ₂₁₂	2009 12 26.5	06 20.67 +28 10.8 20.7	-1.11 - 2.2	1.5/26.5	47308
2004 TZ ₄	2009 12 26.5	06 20.67 +25 33.8 20.3	-1.03 + 0.2	0.8/26.5	58483
2003 SB ₃₂₈	2009 12 26.5	06 20.70 +11 53.8 20.7	-0.88 + 0.8	3.6/27.0	50958
2004 TL ₁₄₉	2009 12 26.5	06 20.71 +15 42.4 20.5	-0.98 - 0.6	2.9/26.7	47318
2004 VH ₅	2009 12 26.5	06 20.72 +18 44.0 19.1	-1.02 - 2.2	1.8/26.6	74427
2003 SO ₁₄₅	2009 12 26.5	06 20.72 +34 13.8 19.5	-1.06 - 2.0	3.7/26.6	47259
2004 FY ₅₂	2009 12 26.5	06 20.73 +27 04.4 19.9	-1.23 + 2.3	1.5/26.4	59723
2005 AP ₇₇	2009 12 26.5	06 20.74 +32 31.3 19.8	-1.01 - 0.4	3.1/26.3	47338
2005 NE ₈₁	2009 12 26.5	06 20.74 +22 25.3 21.7	-1.23 + 1.7	0.4/26.6	40136
2003 SB ₂₅₄	2009 12 26.5	06 20.78 +21 49.5 18.7	-0.94 - 2.2	0.5/26.6	66158
2002 EG ₂₅	2009 12 26.5	06 20.79 +04 15.5 17.9	-0.90 - 5.3	9.6/25.9	66129
2001 XH ₂₆₀	2009 12 26.5	06 20.81 +10 57.7 20.5	-1.09 - 3.5	4.9/26.5	00110
2008 RJ ₁₂₄	2009 12 26.5	06 20.81 +27 56.2 21.1	-0.95 + 0.2	1.5/26.4	58159
1999 VU ₃₉	2009 12 26.5	06 20.82 +15 45.8 19.5	-0.95 + 0.2	2.8/26.8	47138
2008 SC ₄₈	2009 12 26.5	06 20.83 +08 23.7 19.3	-0.93 - 0.2	5.7/26.8	60908
2005 UL ₂₈	2009 12 26.5	06 20.84 +22 22.3 20.8	-1.16 + 0.4	0.4/26.6	43236
2008 SH ₃	2009 12 26.5	06 20.86 +23 05.3 20.7	-0.91 + 1.1	0.1/26.6	50211
2006 HN ₃₅	2009 12 26.5	06 20.87 +27 42.9 20.3	-0.93 + 2.6	1.2/26.3	49004
2006 DS ₁₇₃	2009 12 26.5	06 20.91 +10 19.6 21.0	-0.90 + 1.7	4.4/27.1	47397
2006 AD ₆₄	2009 12 26.5	06 21.01 +27 13.0 20.6	-1.10 - 1.2	1.5/26.5	55209
2008 UH ₅₅	2009 12 26.5	06 21.02 +12 24.9 20.9	-0.96 - 0.4	3.6/26.8	50501
2004 TP ₁₃₂	2009 12 26.5	06 21.03 +16 01.8 19.8	-1.01 - 2.1	2.5/26.6	41817
2005 SK ₂₈₉	2009 12 26.5	06 21.03 +14 57.1 20.8	-1.10 + 1.9	3.4/27.0	24040
2006 FN ₄₂	2009 12 26.5	06 21.03 -13 46.8 20.0	-0.81 - 0.7	10.9/27.8	47402
1999 TF ₁₇₄	2009 12 26.5	06 21.08 +19 18.9 19.3	-1.19 + 2.2	1.9/26.8	40085
2002 PQ ₁₈₈	2009 12 26.6	06 21.00 +37 14.8 19.7	-1.05 - 0.8	4.4/26.4	62351
2003 SL ₁₀₂	2009 12 26.6	06 21.00 +02 44.5 21.1	-0.87 - 0.5	6.2/27.2	59707

2004 XU ₁₃₅	2009 12 26.6	06 21.04 +26 56.2 18.4	-1.05 - 2.9	1.3/26.6	47333
2003 GR ₃₈	2009 12 26.6	06 21.04 +17 26.1 21.0	-1.01 + 1.8	2.0/26.9	47247
2001 VF ₈₇	2009 12 26.6	06 21.04 -12 58.3 18.5	-1.30 -11.5	18.7/23.3	14639
2004 TU ₁₅₀	2009 12 26.6	06 21.08 +23 54.7 20.8	-1.03 - 0.1	0.2/26.6	95535
2003 OB ₂₄	2009 12 26.6	06 21.10 +20 07.7 20.0	-1.02 - 2.3	1.1/26.6	48893
2008 RX ₂₁	2009 12 26.6	06 21.11 +07 57.9 21.5	-0.95 + 2.3	4.7/27.5	55499
2003 UP ₁₉₆	2009 12 26.6	06 21.16 +36 13.0 20.3	-1.04 + 1.4	3.9/26.1	50963
2000 FF ₁	2009 12 26.6	06 21.16 +24 05.1 18.5	-1.41 +12.9	0.3/26.5	26570
2003 FK ₃₅	2009 12 26.6	06 21.17 +34 26.8 20.4	-1.22 + 0.7	5.1/26.3	94947
2008 KK ₄₂	2009 12 26.6	06 21.19 +14 47.0 19.9	-1.14 + 7.6	3.1/28.0	60907
2004 JQ ₃₂	2009 12 26.6	06 21.19 +29 26.7 19.9	-1.20 + 3.4	2.1/26.3	95222
2007 EJ ₁₇₁	2009 12 26.6	06 21.21 +22 18.5 20.6	-1.09 + 3.0	0.4/26.7	49018
2005 VA ₄₉	2009 12 26.6	06 21.23 +27 52.9 20.3	-1.20 + 2.8	1.8/26.4	41832
2005 SE ₉₆	2009 12 26.6	06 21.24 +27 47.7 20.2	-1.24 + 1.2	1.9/26.5	97822
2006 AY ₉₆	2009 12 26.6	06 21.27 +28 38.4 19.3	-1.14 - 3.9	1.9/26.7	98088
2006 ES ₂₂	2009 12 26.6	06 21.28 +26 26.7 21.1	-1.00 + 0.7	1.0/26.6	47399
2008 GV ₁₁₂	2009 12 26.6	06 21.29 -20 33.7 20.8	-1.19 + 2.0	21.2/29.5	39078
2005 NL ₄₆	2009 12 26.6	06 21.32 +15 39.4 20.8	-1.17 + 1.6	3.1/27.0	39758
2007 LE ₂₆	2009 12 26.6	06 21.33 +18 00.7 20.8	-0.86 - 1.1	1.5/26.7	47436
2001 KW ₁₃	2009 12 26.6	06 21.34 +30 41.3 20.0	-1.26 + 2.9	2.7/26.3	64160
2004 VA ₄₃	2009 12 26.6	06 21.39 +21 40.3 20.7	-0.99 + 0.4	0.6/26.7	47326
2001 SO ₂₀₂	2009 12 26.6	06 21.39 +26 57.0 19.8	-1.13 + 0.1	1.7/26.6	17951
2008 SP ₁₅₆	2009 12 26.6	06 21.40 +04 31.6 20.9	-0.85 + 1.7	5.4/28.0	50300
2006 GX ₅₀	2009 12 26.6	06 21.40 +10 05.2 19.5	-0.88 + 2.8	4.4/27.4	01607
2002 PM ₁₅₆	2009 12 26.6	06 21.42 +21 58.8 21.1	-0.88 + 0.6	0.4/26.7	45960
2004 NU ₉	2009 12 26.6	06 21.44 +19 20.3 20.9	-1.08 + 1.7	1.4/26.8	21339
2002 EV ₁₁₄	2009 12 26.6	06 21.45 +28 01.3 20.8	-1.09 + 0.1	1.8/26.6	47209
2008 JA ₃₁	2009 12 26.6	06 21.45 -16 48.0 20.5	-0.83 + 0.7	11.0/29.7	49033
2008 NY ₁	2009 12 26.6	06 21.46 +30 17.8 20.2	-1.21 - 1.9	2.6/26.7	47446
2004 EL ₃₅	2009 12 26.6	06 21.49 +27 56.8 19.3	-1.26 + 2.9	2.0/26.5	19610
2002 AG ₂₂	2009 12 26.6	06 21.50 -10 09.6 19.5	-1.08 + 9.8	12.7/30.7	94472
2004 QW ₂₄	2009 12 26.6	06 21.53 +35 54.5 19.9	-1.37 + 8.6	4.0/25.4	48934
2007 JH ₃₀	2009 12 26.7	06 21.42 +03 50.9 21.0	-0.93 - 2.2	5.8/26.7	59794
1998 TW ₉	2009 12 26.7	06 21.44 +19 41.1 19.3	-1.13 + 0.5	1.7/26.8	20727
2007 HQ ₆₃	2009 12 26.7	06 21.48 +37 39.3 21.2	-1.12 + 2.4	4.2/26.0	55325
2007 EW ₄₂	2009 12 26.7	06 21.48 +19 42.6 20.8	-1.12 + 1.0	1.4/26.8	47422
2003 SF ₁₆₂	2009 12 26.7	06 21.50 +47 23.5 19.9	-1.23 + 1.9	8.0/25.7	00542
2000 SB ₂₄₈	2009 12 26.7	06 21.51 +34 09.7 20.3	-1.18 - 0.1	4.0/26.5	47152
2008 SH ₁₄₉	2009 12 26.7	06 21.51 +04 45.3 21.7	-0.96 - 0.9	5.9/27.0	50296
2005 GK ₃₃	2009 12 26.7	06 21.52 +04 31.9 20.0	-0.83 + 1.9	6.4/27.6	63704
2003 UD ₁₉	2009 12 26.7	06 21.57 +03 25.2 20.5	-0.87 - 1.7	6.3/27.1	56916
2005 YU ₆₀	2009 12 26.7	06 21.62 +21 47.3 19.6	-1.05 + 4.4	0.7/26.8	19263
2005 SN ₂₂₁	2009 12 26.7	06 21.63 +25 44.6 19.6	-1.10 + 0.6	1.2/26.7	19655
2005 VS ₃₇	2009 12 26.7	06 21.63 +19 27.7 20.6	-1.14 + 3.1	1.6/27.0	01101
2006 HU ₁₀₃	2009 12 26.7	06 21.63 +09 33.1 21.0	-0.82 + 2.9	4.2/27.5	24492
2005 RZ ₅	2009 12 26.7	06 21.68 +29 56.0 19.8	-1.27 + 0.5	2.7/26.6	18120
2003 UE ₂₈₃	2009 12 26.7	06 21.69 +03 56.9 20.3	-0.86 - 0.1	6.1/28.0	59086
2003 UV ₂₁₇	2009 12 26.7	06 21.69 +21 20.3 19.7	-0.92 + 1.7	0.7/26.8	43190
2004 TN ₃₆	2009 12 26.7	06 21.70 +29 08.0 20.5	-1.04 + 1.1	2.5/26.5	97751
2004 QX ₂₀	2009 12 26.7	06 21.72 +05 23.4 19.2	-1.05 - 5.0	5.4/26.4	50982
2008 UT ₁₇	2009 12 26.7	06 21.72 +44 41.3 20.8	-1.12 + 1.7	6.1/25.8	58173

2007 DC ₅₆	2009 12 26.7	06 21.73 +31 45.5 20.1	-1.28 + 0.6	3.3/26.5	47420
2007 GK ₃₁	2009 12 26.7	06 21.75 +29 32.4 20.2	-1.12 + 2.1	2.1/26.5	64318
2002 PH ₁₄₁	2009 12 26.7	06 21.75 +26 00.2 19.5	-1.31 - 3.3	1.3/26.8	41773
2008 RX ₁₀₉	2009 12 26.7	06 21.75 +16 00.6 20.9	-1.07 - 0.2	2.7/26.9	49043
2006 AO ₁₄	2009 12 26.7	06 21.75 +25 45.8 18.8	-1.07 - 1.9	1.1/26.8	60857
2003 WA ₁₄₃	2009 12 26.7	06 21.77 +27 44.1 19.3	-0.94 + 3.3	1.4/26.5	47281
2006 XS ₃₆	2009 12 26.7	06 21.78 +25 16.5 20.1	-1.31 - 0.8	0.9/26.7	14475
2005 UU ₁₀₆	2009 12 26.7	06 21.78 +22 05.3 20.0	-1.13 + 1.8	0.5/26.8	20820
2008 PP ₁₀	2009 12 26.7	06 21.81 +06 58.7 20.7	-0.93 + 3.8	5.4/28.0	43306
2004 JD ₂₈	2009 12 26.7	06 21.81 +25 01.1 21.0	-1.14 + 0.7	0.6/26.7	16271
2005 OY ₆	2009 12 26.7	06 21.85 +35 59.3 19.7	-1.34 - 1.1	5.7/26.7	90219
2003 UR ₂₂₆	2009 12 26.7	06 21.86 +24 01.5 20.5	-0.94 - 0.1	0.2/26.8	48910
2006 AE ₃₉	2009 12 26.7	06 21.88 +30 51.8 20.6	-1.12 - 2.5	2.5/26.8	43251
2008 UN ₂₄₉	2009 12 26.7	06 21.88 +36 14.4 20.2	-1.07 + 2.0	4.1/26.2	59814
2002 PQ ₁₆₆	2009 12 26.7	06 21.90 +17 29.1 19.7	-0.90 + 3.3	1.9/27.2	47222
2002 AD ₁₄₈	2009 12 26.7	06 21.90 +47 53.5 19.2	-1.57 - 9.3	10.5/28.9	94527
2007 EN ₉	2009 12 26.7	06 21.91 +59 46.9 20.1	-2.02 - 0.6	13.8/25.1	47421
2004 TY ₃₂₈	2009 12 26.7	06 21.97 +39 01.0 18.1	-1.22 + 7.2	6.6/25.2	66188
2008 TQ ₁₃₅	2009 12 26.8	06 21.89 +13 37.4 21.5	-0.82 - 0.5	2.5/27.0	57499
2002 TO ₃₀₃	2009 12 26.8	06 21.90 +37 02.2 20.7	-1.00 + 0.9	4.2/26.3	46007
2007 EN ₁₉₁	2009 12 26.8	06 21.92 +23 32.4 19.8	-1.09 + 0.6	0.1/26.8	60522
2003 WE ₁₆₉	2009 12 26.8	06 21.92 +07 45.2 19.9	-0.85 + 0.8	4.9/27.5	48917
2002 VE ₂₂	2009 12 26.8	06 21.97 +26 24.8 18.7	-1.13 + 0.7	1.6/26.7	65347
2000 CE ₁₄₃	2009 12 26.8	06 21.98 +32 18.1 19.4	-1.04 - 2.1	3.1/26.8	47142
2003 SJ ₂₈₉	2009 12 26.8	06 21.98 +38 25.4 20.1	-1.09 + 2.1	5.3/26.1	00580
2005 EK ₉₅	2009 12 26.8	06 22.01 -22 33.4 19.3	-1.10 + 6.5	23.2/03.3	60823
2002 XH ₅	2009 12 26.8	06 22.02 +39 53.6 17.0	-1.56 +24.1	8.4/22.7	66145
2004 RE ₃₂₃	2009 12 26.8	06 22.05 +38 45.6 20.4	-1.23 - 1.9	5.2/26.9	58483
2008 PC	2009 12 26.8	06 22.06 +31 36.5 20.9	-1.23 - 0.8	3.1/26.7	42983
2008 SD ₁₂₅	2009 12 26.8	06 22.06 +40 35.0 20.8	-1.17 + 1.2	5.0/26.1	50281
2002 XM ₅₇	2009 12 26.8	06 22.06 +16 23.6 19.6	-1.14 - 0.8	2.9/27.0	18031
2005 SG ₂₃₄	2009 12 26.8	06 22.06 +17 10.7 19.2	-1.10 - 2.3	2.9/26.9	00995
2003 AA ₃₄	2009 12 26.8	06 22.07 +46 40.6 18.3	-1.78 -11.7	10.7/28.8	10956
2004 RU ₃₅₄	2009 12 26.8	06 22.08 +25 02.5 20.2	-1.05 + 0.1	0.7/26.8	22487
2008 RX ₁₀₀	2009 12 26.8	06 22.11 +32 15.3 20.5	-1.01 - 1.4	2.8/26.8	46693
2007 LL ₁₂	2009 12 26.8	06 22.12 +23 17.5 19.5	-1.10 + 3.0	0.0/26.9	26294
2002 VB ₁₂₉	2009 12 26.8	06 22.12 +18 37.8 20.4	-1.20 - 0.8	1.8/26.9	40110
2008 SV ₁₆₉	2009 12 26.8	06 22.20 +05 29.2 21.3	-0.86 + 0.3	5.9/27.5	52509
2004 JE ₃₃	2009 12 26.8	06 22.20 +12 40.4 20.3	-1.09 + 0.2	4.1/27.1	41806
2007 PF ₁	2009 12 26.8	06 22.22 +26 16.0 20.0	-0.94 - 1.7	0.9/26.8	47438
2008 SM ₁₃₄	2009 12 26.8	06 22.24 +36 04.9 20.3	-1.04 - 1.0	4.2/26.7	50289
2003 SW ₄₃	2009 12 26.8	06 22.25 +07 15.4 19.7	-0.88 + 1.3	5.6/27.7	48896
2005 SN ₈₈	2009 12 26.8	06 22.27 +29 31.3 19.8	-1.26 + 2.7	2.5/26.6	21831
2001 TY ₂₃	2009 12 26.8	06 22.28 +14 49.3 20.1	-1.08 - 0.8	3.8/27.1	10806
2000 HS ₇₈	2009 12 26.8	06 22.29 +17 17.0 20.5	-1.09 + 4.6	2.0/27.3	47146
2000 SC ₁₈₀	2009 12 26.8	06 22.29 +10 34.1 19.0	-1.01 - 2.7	4.7/26.9	47151
2001 PC ₈	2009 12 26.8	06 22.33 +26 10.8 21.2	-1.19 + 2.8	1.1/26.7	10774
2008 SJ ₄₉	2009 12 26.8	06 22.33 +26 46.0 20.6	-0.95 + 0.2	1.2/26.8	50235
2006 KC ₁	2009 12 26.8	06 22.33 +18 30.7 20.7	-0.86 + 2.5	1.3/27.1	47412
2007 JO ₂	2009 12 26.8	06 22.34 +18 38.6 20.3	-1.05 - 0.5	1.8/27.0	46549
2002 BJ ₁₃	2009 12 26.8	06 22.34 +31 49.2 18.9	-1.16 + 3.6	3.4/26.3	66125

2008 QV ₃₅	2009 12 26.8	06 22.37 +02 09.3 20.5	-0.93 + 2.8	7.6/28.2	46630
2005 OM ₁₀	2009 12 26.8	06 22.37 +22 17.7 20.9	-1.22 + 3.1	0.4/26.9	40136
2002 LU ₄₆	2009 12 26.8	06 22.38 +11 17.5 19.6	-0.97 + 4.1	4.0/27.7	22705
2005 QP ₁₄₈	2009 12 26.9	06 22.31 +23 01.9 20.9	-1.23 + 3.5	0.1/26.9	87133
2005 NA ₁₅	2009 12 26.9	06 22.34 +26 48.7 20.2	-1.27 - 0.7	1.5/26.9	15825
2007 ES ₁₂₄	2009 12 26.9	06 22.36 +18 31.8 19.9	-1.09 - 0.3	1.7/27.0	58565
2001 RW ₁₀₇	2009 12 26.9	06 22.37 +25 02.7 20.8	-1.17 + 0.6	0.6/26.9	97460
2004 QJ ₁₉	2009 12 26.9	06 22.37 +40 22.1 19.8	-1.31 + 3.4	6.2/26.0	41152
2003 RP ₄	2009 12 26.9	06 22.38 +07 04.9 18.9	-0.89 + 5.5	5.9/28.5	60787
2004 XR ₁₆₇	2009 12 26.9	06 22.40 +25 29.8 19.5	-0.98 + 1.6	0.8/26.8	11076
2005 EP ₉₄	2009 12 26.9	06 22.42 -17 18.7 19.6	-0.81 + 2.6	14.4/29.7	57413
2000 FJ ₇₃	2009 12 26.9	06 22.47 +10 42.9 21.0	-0.84 + 0.5	3.9/27.3	47144
2004 PF ₁₁₃	2009 12 26.9	06 22.48 +29 56.8 21.4	-1.15 - 0.5	2.1/26.8	59729
2004 PV ₈₆	2009 12 26.9	06 22.49 +24 46.5 20.3	-1.07 + 1.6	0.5/26.9	47299
2002 AQ ₁₆₉	2009 12 26.9	06 22.49 +33 19.8 19.2	-1.21 - 5.5	4.5/27.3	43144
2007 HD ₁₂	2009 12 26.9	06 22.51 +19 34.8 20.0	-1.04 - 0.1	1.6/27.0	47430
2001 TG ₂₃₉	2009 12 26.9	06 22.52 +21 39.6 19.8	-1.13 + 4.3	0.7/27.1	02047
2007 NJ ₃	2009 12 26.9	06 22.57 +04 02.6 21.3	-0.78 + 2.0	4.8/28.0	24512
2008 OB ₂	2009 12 26.9	06 22.58 +04 35.7 20.9	-0.94 + 1.8	5.8/28.0	59812
2000 SH ₂₈₄	2009 12 26.9	06 22.60 +09 20.7 21.2	-1.03 - 1.4	5.0/27.2	64849
2008 UJ ₂₀₅	2009 12 26.9	06 22.60 +25 33.1 19.2	-0.95 + 5.4	0.6/26.8	60909
2008 RA ₉₄	2009 12 26.9	06 22.67 +21 19.1 20.9	-1.01 + 0.9	0.7/27.0	55505
2002 GN ₁₄₅	2009 12 26.9	06 22.69 +11 29.7 20.3	-0.98 - 1.1	4.4/27.1	45946
2001 UR ₁₃₄	2009 12 26.9	06 22.73 +27 04.1 20.9	-1.18 + 1.0	1.4/26.9	94230
1997 HF	2009 12 26.9	06 22.75 +11 39.5 20.8	-0.94 - 1.2	4.3/27.1	21749
2004 QS ₉	2009 12 26.9	06 22.78 +23 14.9 21.4	-1.07 + 1.9	0.0/27.0	89591
2008 QP ₂₄	2009 12 26.9	06 22.79 +09 46.3 20.8	-0.92 + 0.7	4.2/27.5	49036
2004 XF ₁₀₇	2009 12 26.9	06 22.79 +24 05.6 18.4	-1.03 - 3.1	0.3/27.0	97776
2008 QK ₁₀	2009 12 26.9	06 22.82 +15 07.6 20.7	-0.96 + 0.9	2.9/27.3	46612
2005 UZ ₃₉₀	2009 12 26.9	06 22.84 +12 55.9 20.6	-1.06 0.0	4.7/27.3	56034
2005 SD ₂₁₃	2009 12 26.9	06 22.84 +23 58.2 19.4	-1.17 + 0.4	0.3/27.0	18129
2005 WN ₁₉₂	2009 12 27.0	06 22.75 +11 51.2 20.1	-1.05 + 1.5	4.4/27.5	18163
2002 NO ₄₉	2009 12 27.0	06 22.75 +18 59.3 19.7	-0.89 + 2.0	1.4/27.2	47218
2003 BZ ₆₅	2009 12 27.0	06 22.76 +28 45.3 18.7	-1.16 + 4.6	2.6/26.6	21790
2006 BD ₂₇₈	2009 12 27.0	06 22.78 +26 18.5 20.7	-1.02 - 0.4	1.0/26.9	47386
2005 UY ₂₃₀	2009 12 27.0	06 22.79 +15 11.8 20.3	-1.10 - 0.7	3.1/27.2	96224
2000 SO ₉₁	2009 12 27.0	06 22.80 +05 17.2 20.1	-1.00 - 1.2	6.6/27.4	68718
2007 CU ₂₆	2009 12 27.0	06 22.80 +30 48.8 20.6	-1.12 + 3.3	2.3/26.6	51044
2005 XM ₁₁₅	2009 12 27.0	06 22.81 +30 29.4 19.6	-1.09 - 5.9	3.5/27.3	11152
2001 YO ₇₉	2009 12 27.0	06 22.82 +28 16.3 18.5	-1.19 - 0.6	2.0/26.9	66121
2008 PW ₁₁	2009 12 27.0	06 22.83 +14 56.7 20.3	-0.94 + 2.0	2.6/27.5	47450
2001 SU ₂₈₉	2009 12 27.0	06 22.83 +22 39.1 18.1	-1.15 - 2.4	0.3/27.0	66108
2002 OT ₁₉	2009 12 27.0	06 22.84 +02 37.3 20.2	-0.81 - 0.1	5.8/27.7	58431
2004 RO ₆₇	2009 12 27.0	06 22.87 +24 20.0 20.3	-1.06 + 0.4	0.4/27.0	40127
2005 SD ₂₀₈	2009 12 27.0	06 22.88 +24 24.8 20.8	-1.20 - 0.3	0.4/27.0	16312
2005 SD ₁₄₄	2009 12 27.0	06 22.90 +19 21.7 19.3	-1.10 + 2.5	1.9/27.2	41827
2006 DS ₈₈	2009 12 27.0	06 22.90 +14 01.1 20.9	-0.92 + 1.2	3.3/27.4	47394
2003 WK ₆₇	2009 12 27.0	06 22.91 +05 20.3 20.5	-0.94 - 4.9	5.8/26.7	58059
2003 CC ₁₄	2009 12 27.0	06 22.92 +20 44.3 20.4	-1.12 + 2.0	1.2/27.1	19592
2005 SM ₂₆₄	2009 12 27.0	06 22.93 +20 27.5 21.0	-1.16 + 0.4	1.2/27.1	97845
1994 SH ₁₀	2009 12 27.0	06 22.94 +31 22.3 20.3	-1.06 + 1.0	2.8/26.7	47126

2008 RV ₇₄	2009 12 27.0	06 22.96 +08 36.2 20.9	-0.84 + 1.9	4.4/28.0	46678	2005 WT ₁₂₆	2009 12 27.1	06 23.52 +26 34.4 19.6	-1.08 + 2.5	1.6/27.0	04365
2006 SA ₅	2009 12 27.0	06 22.98 -19 05.3 21.1	-1.17 + 0.6	20.0/29.9	53535	2004 TQ ₁₁₆	2009 12 27.1	06 23.54 +14 00.6 18.3	-1.00 - 4.7	3.7/27.0	77789
2004 GA ₂₆	2009 12 27.0	06 22.99 +25 57.1 21.4	-1.15 + 1.4	0.9/26.9	47293	2008 TW ₁₀₅	2009 12 27.1	06 23.57 +12 46.6 21.0	-0.83 - 0.4	3.1/27.4	46966
2007 FT ₃₇	2009 12 27.0	06 23.00 +12 35.2 20.9	-1.03 + 0.3	4.0/27.3	43278	2002 PV ₂	2009 12 27.1	06 23.59 +25 23.6 20.9	-0.93 - 2.5	0.6/27.2	59077
2005 SU ₅	2009 12 27.0	06 23.02 +21 40.3 19.8	-1.17 + 0.2	0.7/27.1	65440	2005 WY ₁₅₇	2009 12 27.1	06 23.59 +11 32.8 18.1	-1.22 +16.7	5.0/29.3	03810
2002 BF ₃₀	2009 12 27.0	06 23.03 +27 05.3 19.2	-1.05 - 2.3	1.9/27.1	94557	2008 UH ₉₁	2009 12 27.1	06 23.60 +30 53.5 20.1	-1.07 + 1.9	2.6/26.8	48646
2001 RG ₄	2009 12 27.0	06 23.04 +27 24.6 18.8	-1.21 - 1.9	1.7/27.0	66104	2007 DB ₆	2009 12 27.1	06 23.60 +19 39.4 20.5	-1.14 + 1.3	1.4/27.3	47419
2006 GE ₂₆	2009 12 27.0	06 23.05 +18 24.6 20.8	-0.85 + 0.7	1.5/27.2	51032	2000 GJ ₁₃₁	2009 12 27.1	06 23.61 +21 08.1 22.2	-1.11 + 0.4	0.8/27.2	47145
2002 RE ₂₀₉	2009 12 27.0	06 23.05 -11 05.9 22.4	-0.76 + 0.9	8.3/29.0	00352	2005 UJ ₄₈₂	2009 12 27.1	06 23.63 +18 47.4 20.4	-1.16 - 0.7	1.7/27.3	41832
2002 AF ₁₃	2009 12 27.0	06 23.06 +32 47.1 19.6	-1.16 - 2.5	3.2/27.1	47194	2002 CE ₃₁₄	2009 12 27.1	06 23.64 +15 16.2 20.2	-1.02 + 0.3	3.3/27.4	43148
2006 KQ ₄₉	2009 12 27.0	06 23.18 +16 54.4 21.2	-0.87 0.0	2.0/27.3	57055	2002 VH ₁₂₆	2009 12 27.1	06 23.65 +37 17.1 19.1	-1.31 + 3.3	6.6/26.3	66144
2004 RK ₂₁₃	2009 12 27.0	06 23.22 +23 16.7 19.9	-1.08 - 2.9	0.0/27.1	47308	2004 LC ₈	2009 12 27.1	06 23.66 +22 20.5 19.9	-1.09 - 0.1	0.4/27.2	40686
2006 GR ₁₁	2009 12 27.0	06 23.23 +37 16.7 19.7	-1.09 + 2.5	4.8/26.3	47403	2008 TA ₄₈	2009 12 27.1	06 23.66 +10 33.8 21.9	-0.83 - 0.9	3.6/27.5	50397
2006 DK ₇₄	2009 12 27.0	06 23.24 +24 02.5 20.6	-1.04 + 0.8	0.3/27.1	03869	2007 GV ₆₁	2009 12 27.1	06 23.73 +20 28.5 21.4	-1.08 + 1.3	1.0/27.3	47429
2006 AW ₇₀	2009 12 27.0	06 23.25 +24 18.3 20.4	-1.06 - 0.2	0.4/27.1	47375	1999 TU ₅₅	2009 12 27.2	06 23.64 +27 59.8 20.6	-1.03 + 0.8	1.7/27.0	47135
2008 QJ ₃₄	2009 12 27.0	06 23.26 +21 34.2 21.5	-1.08 + 0.8	0.6/27.2	47457	2003 SG ₂₀₇	2009 12 27.2	06 23.64 +27 44.5 20.8	-0.98 + 0.8	1.3/27.1	50956
2008 RV ₁₁₅	2009 12 27.0	06 23.27 +23 09.0 20.4	-0.98 0.0	0.1/27.1	50203	2007 JU ₁₇	2009 12 27.2	06 23.64 +11 11.3 21.2	-0.89 + 2.1	3.4/27.8	52469
2003 WR ₃₆	2009 12 27.0	06 23.27 +16 33.9 19.5	-0.96 - 2.7	2.2/27.1	41803	2006 AL ₁₃	2009 12 27.2	06 23.65 +23 33.9 20.1	-1.12 + 0.7	0.1/27.2	20834
2000 VF ₃	2009 12 27.0	06 23.30 +40 20.8 19.6	-1.25 + 3.2	6.2/26.1	41760	2001 SX ₂₄₂	2009 12 27.2	06 23.66 +29 59.8 19.4	-1.18 + 3.2	3.0/26.8	19545
2005 SY ₂₉	2009 12 27.1	06 23.20 +16 01.3 19.8	-1.11 - 1.0	3.2/27.2	97812	2002 XW ₅	2009 12 27.2	06 23.66 +25 00.0 18.5	-1.17 + 3.2	0.8/27.1	19586
2006 BC ₉₇	2009 12 27.1	06 23.24 +42 50.8 19.1	-1.26 - 2.3	7.3/27.3	97054	2007 FY ₂₄	2009 12 27.2	06 23.67 +21 19.5 20.5	-1.14 + 0.9	0.9/27.3	42880
2007 EH ₂₀₇	2009 12 27.1	06 23.27 +11 34.4 20.4	-1.05 + 0.7	4.2/27.5	49018	2000 QK ₁₉₄	2009 12 27.2	06 23.68 +31 34.7 19.3	-1.18 + 1.1	3.4/26.9	20735
2005 SH ₁₉₇	2009 12 27.1	06 23.29 +20 31.4 20.7	-1.15 + 1.4	1.3/27.2	21837	2005 NW ₁₁	2009 12 27.2	06 23.69 +21 17.9 21.5	-1.23 + 2.2	0.8/27.3	86876
1996 RF ₁₉	2009 12 27.1	06 23.31 +15 51.5 21.0	-0.81 + 0.7	2.0/27.4	48805	2007 GS ₄₂	2009 12 27.2	06 23.70 +11 03.2 20.2	-0.99 - 1.1	4.7/27.4	41871
2004 NS ₂₁	2009 12 27.1	06 23.31 +34 50.5 20.5	-1.24 - 3.1	3.9/27.3	70369	2005 US ₁₀₆	2009 12 27.2	06 23.73 +25 44.3 19.6	-1.14 + 2.7	1.0/27.1	20820
2000 GM ₆₉	2009 12 27.1	06 23.31 +25 27.7 21.5	-0.83 + 0.6	0.5/27.0	26570	2000 WX ₁₁	2009 12 27.2	06 23.74 +42 34.3 20.5	-1.30 + 3.5	6.9/25.9	20739
2008 OU ₁₈	2009 12 27.1	06 23.32 +29 55.1 21.5	-1.23 - 0.7	2.4/27.0	46591	2002 TQ ₂₄₂	2009 12 27.2	06 23.75 +18 13.8 18.5	-1.11 - 1.4	2.6/27.3	59686
2007 MO ₇	2009 12 27.1	06 23.33 +18 58.7 20.6	-0.99 + 0.4	1.5/27.3	57128	2007 FR ₁₀	2009 12 27.2	06 23.78 +29 37.6 21.3	-1.07 0.0	2.1/27.1	49018
2007 HL ₆₉	2009 12 27.1	06 23.36 +13 40.4 20.4	-0.95 + 1.3	3.3/27.5	58567	2008 MZ ₂	2009 12 27.2	06 23.78 +35 08.8 17.8	-1.14 - 6.7	4.7/28.0	66321
2008 UF ₁₀₆	2009 12 27.1	06 23.38 +09 45.9 21.8	-0.85 - 0.2	3.9/27.5	50529	2002 GP ₁₀₅	2009 12 27.2	06 23.82 +39 41.9 19.4	-1.24 + 4.9	6.3/25.8	94747
2003 YG ₉₂	2009 12 27.1	06 23.41 +21 52.2 18.2	-0.99 + 8.0	0.5/27.3	66166	2007 ER ₉₂	2009 12 27.2	06 23.82 +24 07.8 21.4	-1.17 0.0	0.3/27.2	57123
2004 TW ₁₃₂	2009 12 27.1	06 23.41 +24 51.5 19.9	-1.07 - 1.9	0.5/27.1	41817	2005 SD ₂₆₄	2009 12 27.2	06 23.82 +20 43.1 20.3	-1.20 + 2.1	1.2/28.0	40144
2004 TS ₂₀₃	2009 12 27.1	06 23.41 +38 37.2 20.7	-1.17 + 2.4	5.2/26.4	56956	2007 GT ₄₆	2009 12 27.2	06 23.82 +15 03.4 19.9	-0.94 + 0.5	2.9/27.5	52469
2004 TP ₂₅₀	2009 12 27.1	06 23.42 +28 33.3 18.0	-1.12 +12.4	2.3/26.4	97762	2005 UP ₂₁₇	2009 12 27.2	06 23.84 +17 58.5 20.5	-1.10 + 1.7	2.4/28.0	96216
2004 ST ₂₃	2009 12 27.1	06 23.44 +12 53.0 21.3	-0.97 + 0.4	3.4/27.5	48942	2006 EE ₇	2009 12 27.2	06 23.85 +19 17.3 21.1	-0.90 + 0.9	1.2/27.4	48998
1999 TO ₂₅₆	2009 12 27.1	06 23.44 +18 06.0 20.8	-0.98 + 0.7	1.8/27.3	41752	2008 SE ₂₇₄	2009 12 27.2	06 23.85 +14 18.1 21.2	-0.88 + 0.9	2.7/27.6	58928
2007 EN ₇₅	2009 12 27.1	06 23.44 +29 41.0 20.3	-1.18 + 0.5	2.5/26.9	49017	2005 AE ₆₂	2009 12 27.2	06 23.87 +16 18.6 19.6	-0.88 + 3.7	2.3/27.7	47338
2005 TM ₁₇₈	2009 12 27.1	06 23.44 +23 37.9 20.8	-1.18 + 1.5	0.1/27.1	40695	2008 SJ ₂₇₉	2009 12 27.2	06 23.88 +36 47.7 21.3	-1.06 + 0.2	4.2/26.9	58168
2005 WM ₁₄₉	2009 12 27.1	06 23.45 +26 37.0 20.1	-1.13 - 0.2	1.4/27.1	42784	2005 OJ ₂₆	2009 12 27.2	06 23.93 +13 22.9 20.3	-1.16 + 1.9	4.3/28.0	40136
2005 XC ₅₁	2009 12 27.1	06 23.45 +30 16.8 19.9	-1.16 - 2.0	2.5/27.1	43245	2002 GJ ₆₇	2009 12 27.2	06 23.93 +31 58.5 20.7	-1.04 + 1.7	2.7/26.9	47212
2007 LF ₁₃	2009 12 27.1	06 23.47 +13 51.2 20.4	-0.99 + 4.9	3.4/27.9	21253	2000 GD ₁₂₉	2009 12 27.2	06 23.96 +12 31.1 19.8	-1.07 + 0.5	4.7/28.0	58401
2002 AO ₁₅₄	2009 12 27.1	06 23.47 +09 12.1 18.7	-0.97 + 8.8	6.5/28.8	94530	2005 SF ₂₀₁	2009 12 27.2	06 23.97 +35 06.2 21.1	-1.31 + 0.9	4.8/26.9	04350
2006 KP ₅₆	2009 12 27.1	06 23.47 +29 30.1 19.6	-0.97 + 3.7	1.9/26.7	49010	5088 T-3	2009 12 27.2	06 23.98 +32 05.6 19.4	-1.12 + 4.0	3.1/26.7	43009
2005 CD ₆₇	2009 12 27.1	06 23.47 +64 21.0 20.5	-2.01 - 0.7	12.3/23.9	77815	2000 UQ ₁₀₃	2009 12 27.2	06 23.98 +44 46.2 18.9	-1.28 + 4.6	9.6/25.8	66098
2005 RT ₁₀	2009 12 27.1	06 23.47 +26 10.3 20.3	-1.25 + 3.6	1.1/27.0	14749	1999 TL ₄₆	2009 12 27.2	06 23.99 +29 51.3 19.9	-1.06 + 1.3	2.4/27.0	54048
2005 CF ₃₂	2009 12 27.1	06 23.49 +28 57.6 20.2	-0.92 + 0.4	1.6/27.0	46279	2004 TN ₈₆	2009 12 27.2	06 23.99 +02 22.3 21.2	-0.94 + 0.1	6.9/28.0	48945
2008 SM ₈₂	2009 12 27.1	06 23.50 +28 38.6 19.8	-1.04 + 2.5	1.9/26.9	49051	1999 TT ₂₃	2009 12 27.2	06 24.00 +17 30.6 20.8	-0.96 + 1.0	2.1/27.5	47135
2006 DV ₅₃	2009 12 27.1	06 23.50 +13 58.6 20.9	-0.95 + 1.7	3.4/27.6	47392	2002 PJ ₃₁	2009 12 27.2	06 24.00 +04 38.9 20.4	-0.82 + 2.9	5.6/28.6	47220
2004 RV ₃₈	2009 12 27.1	06 23.50 +43 41.2 19.7	-1.32 - 1.3	7.3/27.0	48935	2007 HZ ₅₀	2009 12 27.2	06 24.00 -05 51.2 20.8	-0.79 - 1.0	7.2/28.2	58567
2005 UR ₄₉	2009 12 27.1	06 23.52 +31 15.4 20.5	-1.27 + 1.8	3.1/26.9	97884	2005 CB ₁₂	2009 12 27.2	06 24.04 +08 03.7 20.0	-0.87 + 4.1	4.8/28.3	97779
2002 TP ₁₆₅	2009 12 27.1	06 23.52 +31 12.7 19.6	-0.97 - 2.4	2.1/27.2	47234	2005 SQ ₂₆₃	2009 12 27.2	06 24.05 +10 58.0 19.7	-1.08 + 0.3	5.3/27.6	41827

2001 FL ₄	2009 12 27.2	06 24.07 +00 49.6 19.4	-0.88 + 3.1	8.5/28.8	47165
2004 TU ₃₃₆	2009 12 27.2	06 24.07 +48 40.7 19.7	-1.40 0.0	9.9/26.8	41820
2003 SL ₃₂₁	2009 12 27.2	06 24.08 +36 11.8 19.5	-1.08 - 0.8	4.6/27.0	48903
2007 DH ₃₃	2009 12 27.2	06 24.09 +28 19.6 20.4	-1.23 + 1.1	2.3/27.1	19702
2008 SX ₁₀₀	2009 12 27.2	06 24.10 +16 19.1 20.9	-0.83 + 1.3	2.0/27.6	46796
2007 LE ₁₅	2009 12 27.2	06 24.13 +12 49.2 19.7	-1.02 - 3.3	3.7/27.2	47436
2004 RT ₂₉₃	2009 12 27.2	06 24.13 +18 51.4 20.0	-1.05 - 2.6	1.5/27.3	47310
2007 HN ₁₁	2009 12 27.3	06 24.08 +23 22.6 20.7	-1.12 + 0.4	0.0/27.3	55323
2001 YA ₂₁	2009 12 27.3	06 24.10 +21 51.0 19.5	-1.12 - 1.4	0.6/27.3	94419
2003 HO ₈	2009 12 27.3	06 24.11 +09 36.6 19.8	-0.98 + 3.8	4.7/28.2	47248
2001 UE	2009 12 27.3	06 24.12 +21 15.0 19.2	-1.05 + 3.0	1.0/27.4	59385
2000 XO	2009 12 27.3	06 24.16 +08 31.7 20.0	-0.99 - 3.0	5.9/27.3	59660
1999 XC ₂₆₁	2009 12 27.3	06 24.18 +18 12.3 19.4	-0.98 - 3.3	1.8/27.3	50886
2005 YD ₂₀₂	2009 12 27.3	06 24.20 +26 11.6 19.0	-1.10 - 3.0	1.0/27.3	60857
2001 SA ₂₁₀	2009 12 27.3	06 24.23 +25 16.6 20.7	-1.16 + 1.1	0.7/27.3	10799
2002 PP ₁₇₅	2009 12 27.3	06 24.28 +37 01.4 20.3	-1.04 - 0.6	4.2/27.1	62351
2008 SZ ₁₅₇	2009 12 27.3	06 24.33 +08 49.9 20.9	-0.84 + 0.7	4.5/28.0	55510
2003 HF ₄₄	2009 12 27.3	06 24.34 +28 38.0 21.7	-1.06 + 1.6	1.6/27.1	58450
2003 BZ ₅₇	2009 12 27.3	06 24.35 +08 32.2 18.9	-0.99 + 6.8	7.4/28.8	48320
2005 SJ ₉₈	2009 12 27.3	06 24.35 +17 54.5 18.7	-1.03 - 3.6	2.8/27.3	97822
2003 BT ₅₁	2009 12 27.3	06 24.35 +24 42.7 17.9	-1.10 - 3.2	0.7/27.4	18039
2005 YO ₃₁	2009 12 27.3	06 24.36 +24 55.6 20.4	-1.10 - 1.8	0.6/27.3	98038
2003 SU ₈₉	2009 12 27.3	06 24.37 +35 10.6 19.3	-1.09 - 1.9	3.9/27.3	65364
2008 SJ ₂₂	2009 12 27.3	06 24.38 +24 46.0 20.6	-1.16 - 0.3	0.6/27.3	58162
2002 VH ₁₁₈	2009 12 27.3	06 24.39 +19 02.2 20.3	-1.18 0.0	1.7/27.5	12836
2000 RW ₉₀	2009 12 27.3	06 24.40 +10 19.5 20.5	-0.98 - 0.5	4.0/27.7	47149
2005 UH ₅₆	2009 12 27.3	06 24.42 +09 34.3 21.9	-1.14 - 0.9	5.2/28.0	97886
2000 GT ₃₆	2009 12 27.3	06 24.43 +29 47.9 19.1	-1.21 + 0.6	2.9/27.2	20733
2006 HD ₂₉	2009 12 27.3	06 24.46 +37 07.2 20.1	-1.06 + 3.1	4.2/26.5	47406
2008 RT ₈₇	2009 12 27.3	06 24.48 +13 17.0 20.6	-0.87 - 1.2	3.2/27.5	46684
2008 SD ₃₆	2009 12 27.3	06 24.49 +43 38.6 20.6	-1.12 + 1.1	5.5/26.6	59813
2008 TP ₁₆₀	2009 12 27.3	06 24.53 +14 06.2 22.4	-0.93 + 0.1	2.8/27.7	46989
2002 XR ₁₁₃	2009 12 27.3	06 24.56 +25 12.0 18.8	-1.20 - 2.7	0.8/27.4	41786
1998 FJ ₂	2009 12 27.3	06 24.6 +76 01.0 18.7	-3.27 - 1.0	22.2/22.3	01968
2005 SN ₆₆	2009 12 27.3	06 24.60 +31 29.4 20.0	-1.28 + 0.5	3.3/27.2	18124
2000 QV ₁₉	2009 12 27.4	06 24.55 +27 34.9 20.4	-1.13 0.0	1.6/27.3	60730
2008 RU ₉₉	2009 12 27.4	06 24.59 +43 42.0 20.5	-1.13 + 0.2	6.4/26.8	49042
2008 NR ₂	2009 12 27.4	06 24.59 +26 20.4 20.6	-1.15 - 0.6	1.1/27.4	59134
2008 TF ₂₉	2009 12 27.4	06 24.63 +25 13.5 20.5	-0.98 + 0.4	0.6/27.4	49077
2002 AN ₁₁₅	2009 12 27.4	06 24.66 +30 56.3 19.8	-1.17 - 1.8	2.8/27.3	47196
2004 DN ₃₀	2009 12 27.4	06 24.70 +29 25.1 19.4	-1.28 + 1.4	2.9/27.2	60798
2004 RG ₁₇₈	2009 12 27.4	06 24.72 +30 15.6 18.3	-1.14 - 4.4	3.0/27.6	59734
2007 ET ₁₆₇	2009 12 27.4	06 24.74 +14 30.7 20.6	-1.12 - 0.1	3.6/27.6	47424
2005 SB ₂₀₈	2009 12 27.4	06 24.77 +17 10.9 20.5	-1.16 - 0.7	2.5/28.0	39770
2008 OD ₂	2009 12 27.4	06 24.79 +27 02.0 20.4	-1.09 - 2.1	1.3/27.4	41928
1999 TL ₈₇	2009 12 27.4	06 24.82 +22 04.8 20.4	-0.97 + 1.7	0.4/27.5	48811
2005 SW ₃₀	2009 12 27.4	06 24.82 +18 28.2 20.7	-1.15 + 1.3	1.8/27.7	21826
2008 RO ₄	2009 12 27.4	06 24.86 +35 23.5 20.8	-1.03 - 0.3	3.7/27.2	50158
2002 TR ₈	2009 12 27.4	06 24.87 +21 01.5 19.8	-1.24 + 1.6	1.0/28.0	50669
2006 KT ₃₉	2009 12 27.4	06 24.89 +20 42.5 19.3	-0.95 + 6.0	0.8/27.7	26175
2004 PE ₉	2009 12 27.4	06 24.89 +22 05.8 19.9	-1.06 + 1.6	0.4/27.5	40126

2000 ED ₉₆	2009 12 27.4	06 24.91 +03 38.2 19.8	-0.82 + 1.3	5.8/28.3	47143
2002 JZ ₁₁₉	2009 12 27.4	06 24.91 +09 06.8 20.3	-0.90 + 2.9	4.3/28.3	94782
2005 WD ₉₆	2009 12 27.4	06 24.92 +24 01.2 20.8	-1.13 + 1.5	0.3/27.4	96513
2008 RH ₄	2009 12 27.4	06 24.94 +21 26.6 21.6	-1.01 + 0.3	0.6/27.5	46641
2006 AV ₆₉	2009 12 27.4	06 24.95 +33 31.8 21.2	-1.19 - 2.3	3.5/27.4	09491
2004 NF ₂₂	2009 12 27.4	06 24.95 +29 21.6 21.0	-1.15 + 0.4	2.0/27.3	58837
2007 KS ₈	2009 12 27.4	06 25.00 +06 04.5 20.3	-0.91 - 1.0	5.3/27.8	49022
2003 WZ ₁₈	2009 12 27.4	06 25.01 +20 03.5 19.3	-0.94 - 3.7	1.1/27.5	47278
2004 TL ₁₃₃	2009 12 27.4	06 25.02 +04 39.3 19.0	-0.92 - 2.2	7.5/27.7	60816
2006 DR ₁₁₆	2009 12 27.4	06 25.04 +35 24.2 19.8	-1.12 + 4.0	3.9/26.6	47395
2008 TO ₄₈	2009 12 27.4	06 25.04 +20 22.4 21.4	-1.10 + 0.4	1.0/27.6	50398
2001 UG ₂₁₅	2009 12 27.5	06 24.96 -16 34.0 21.4	-1.22 - 5.5	19.5/25.9	39158
2002 PR ₁₆₇	2009 12 27.5	06 24.99 +19 37.8 21.2	-1.22 + 1.8	1.5/27.7	85571
2004 PV ₁₀₂	2009 12 27.5	06 25.03 +00 13.9 20.0	-0.94 + 2.4	9.4/29.4	74320
2004 QF ₈	2009 12 27.5	06 25.04 +41 56.8 20.0	-1.31 + 2.7	6.7/26.6	47300
2005 YB ₁₇₉	2009 12 27.5	06 25.04 +14 24.6 19.6	-1.00 + 7.7	3.9/28.5	98063
2005 SA ₂₅₃	2009 12 27.5	06 25.05 +15 27.3 19.8	-1.12 + 2.2	3.1/28.0	21839
2003 SC ₁₂₀	2009 12 27.5	06 25.07 +19 18.0 19.5	-0.93 + 0.7	1.3/27.7	48898
2001 TO ₂₁₈	2009 12 27.5	06 25.07 +26 03.2 18.9	-1.16 + 3.4	1.1/27.4	60747
2004 PL ₁₁₄	2009 12 27.5	06 25.08 +08 27.5 20.5	-0.96 + 2.7	4.5/28.4	47300
2008 SP ₃₆	2009 12 27.5	06 25.09 +06 27.9 20.1	-0.86 + 1.7	5.6/28.5	46739
2006 EV ₇₃	2009 12 27.5	06 25.09 +02 43.7 20.8	-0.74 + 1.7	5.4/28.6	47400
2004 TY ₄₅	2009 12 27.5	06 25.10 +15 58.3 21.0	-0.98 - 0.1	2.5/27.7	47315
2001 XZ ₆₅	2009 12 27.5	06 25.10 +21 59.5 17.8	-1.20 - 8.7	0.6/27.4	66118
2004 RN ₈₉	2009 12 27.5	06 25.10 -00 08.3 21.0	-0.96 + 3.4	9.2/29.6	76497
2007 DK ₁₀₆	2009 12 27.5	06 25.11 +40 09.2 20.5	-1.22 0.0	5.3/27.1	47421
1997 EW ₁₁	2009 12 27.5	06 25.12 +25 09.1 19.3	-1.25 - 2.4	0.8/27.5	12716
2003 TH ₂₀	2009 12 27.5	06 25.16 +34 02.7 20.2	-1.05 - 1.1	3.4/27.4	59712
1998 SV ₁₁₃	2009 12 27.5	06 25.17 +26 02.4 19.6	-1.20 + 2.5	1.3/28.0	17897
2005 UP ₄₀₆	2009 12 27.5	06 25.18 +19 22.1 19.3	-1.01 + 2.0	2.0/27.7	19666
2002 OK ₂₄	2009 12 27.5	06 25.25 +38 07.0 20.6	-1.04 - 2.0	3.9/27.5	45954
2002 CH ₄₀	2009 12 27.5	06 25.32 +23 32.7 18.4	-1.15 - 5.6	0.1/27.6	10856
2007 GV ₃₉	2009 12 27.5	06 25.32 +16 59.9 20.7	-0.96 + 0.4	2.1/27.8	49019
2005 PO ₁₅	2009 12 27.5	06 25.34 +32 35.8 22.0	-1.33 - 0.5	3.6/27.4	87718
2004 SB ₄	2009 12 27.5	06 25.36 +29 37.4 20.1	-1.16 + 5.8	2.3/27.0	43213
2008 QB ₄	2009 12 27.5	06 25.38 +24 37.3 18.8	-1.13 - 5.5	0.5/27.6	42994
2002 CA ₂₂₀	2009 12 27.5	06 25.41 +44 34.6 18.9	-1.31 - 0.5	8.7/27.0	48861
2008 OR ₁₃	2009 12 27.5	06 25.42 +23 10.6 20.5	-1.15 - 3.9	0.1/27.6	42982
2008 QU ₃₈	2009 12 27.5	06 25.43 +40 05.3 20.8	-1.24 - 1.3	5.4/27.4	58609
2005 QJ ₅	2009 12 27.5	06 25.43 +25 40.7 21.4	-1.25 + 0.5	0.9/27.5	09332
2005 SA ₁₅₂	2009 12 27.5	06 25.49 +30 00.1 20.0	-1.23 + 2.3	2.5/27.3	64255
2005 YW ₂₆₇	2009 12 27.5	06 25.50 +26 50.3 19.9	-1.09 + 1.8	1.3/27.4	59485
2004 TR ₂₃₀	2009 12 27.6	06 25.41 +29 37.5 19.5	-1.08 - 0.6	2.5/27.5	47321
2002 QT ₉₃	2009 12 27.6	06 25.41 +08 30.0 19.9	-0.84 + 2.4	4.8/28.5	03366
2001 OL ₉₇	2009 12 27.6	06 25.44 +21 31.2 18.7	-1.15 + 4.2	0.8/28.0	66102
2008 TR ₁₄₁	2009 12 27.6	06 25.47 +02 56.3 21.0	-0.82 + 0.1	6.2/28.3	50447
2003 WF ₁₅₀	2009 12 27.6	06 25.48 +30 44.0 19.7	-0.98 + 3.7	2.1/27.1	62380
1998 BO ₆	2009 12 27.6	06 25.53 +24 55.4 20.8	-1.08 + 0.6	0.6/27.6	99889
2004 EX ₁₀	2009 12 27.6	06 25.55 +29 25.0 20.9	-1.27 + 1.3	2.5/27.4	33417
2004 TH ₁₈₇	2009 12 27.6	06 25.56 +20 51.5 20.8	-1.02 + 0.1	0.9/27.7	47319
2006 BD ₆₈	2009 12 27.6	06 25.57 +30 51.6 20.2	-1.14 - 1.6	3.4/28.0	97032

2005 SB ₆₃	2009 12 27.6	06 25.59 +29 28.3 20.6	-1.28	0.0	2.7/28.0	02255
2008 QR ₇	2009 12 27.6	06 25.59 +10 53.5 19.5	-0.88	+ 4.1	4.4/28.6	66322
2001 TK ₁₂₈	2009 12 27.6	06 25.61 +22 12.7 20.7	-1.14	+ 0.6	9.3/17.0	17959
2002 GN ₂₈	2009 12 27.6	06 25.64 +29 08.7 20.9	-1.10	+ 0.7	2.2/27.4	21779
2008 QT ₃₄	2009 12 27.6	06 25.64 -00 05.3 20.8	-0.90	+ 2.0	7.4/29.1	46630
2005 SN ₁₁₂	2009 12 27.6	06 25.65 +11 54.3 20.2	-1.07	- 2.2	5.4/28.0	97824
2005 YC ₂₆₇	2009 12 27.6	06 25.70 +21 45.7 20.9	-1.01	+ 1.7	0.5/27.7	57035
2006 DT ₂₂	2009 12 27.6	06 25.72 +26 26.8 19.4	-1.00	+ 1.0	1.1/27.5	48993
2008 RQ ₁₁₃	2009 12 27.6	06 25.72 +23 43.3 21.1	-0.97	+ 0.3	0.1/27.6	49043
2000 KX ₄	2009 12 27.6	06 25.72 +29 29.7 20.4	-1.21	+ 2.9	2.0/28.0	40087
2002 GB ₉₁	2009 12 27.6	06 25.79 +33 20.2 20.3	-1.15	+ 2.9	3.7/27.0	60762
1999 RU ₆₇	2009 12 27.6	06 25.79 +00 37.8 19.8	-0.91	+ 2.0	9.2/29.3	71984
2004 RW ₃₃₅	2009 12 27.6	06 25.80 +14 44.9 19.7	-0.95	- 1.3	3.7/28.0	09064
2007 LJ ₁₅	2009 12 27.6	06 25.83 +05 05.7 21.6	-0.91	- 0.1	5.9/28.2	49022
2005 OY ₁	2009 12 27.6	06 25.84 +28 45.8 20.1	-1.30	+ 4.4	2.3/27.3	40136
2004 SL ₂₀	2009 12 27.6	06 25.84 +18 00.9 19.4	-1.00	+ 0.4	2.0/28.0	59739
2005 SR ₂₄₉	2009 12 27.6	06 25.85 +33 50.7 19.8	-1.32	+ 1.0	4.5/27.3	95949
2008 TT ₁₄₈	2009 12 27.6	06 25.85 +25 51.8 21.1	-0.90	+ 1.2	0.8/27.6	49093
2002 MQ ₁	2009 12 27.6	06 25.86 -06 17.3 22.3	-1.13	- 0.1	10.6/29.2	48240
2000 YZ ₆₄	2009 12 27.6	06 25.87 +27 22.9 17.8	-1.07	- 4.5	1.9/28.0	66100
2008 RX ₁₁	2009 12 27.6	06 25.91 +26 02.6 20.8	-0.98	+ 1.3	1.0/27.6	56132
2000 KK ₆₆	2009 12 27.6	06 25.91 +04 24.0 19.5	-1.39	+15.0	8.7/30.7	39703
1999 XQ ₁₄₅	2009 12 27.6	06 25.92 +24 27.3 20.2	-0.98	+ 1.5	0.4/27.6	48815
2001 TF ₁₁	2009 12 27.6	06 25.94 +23 46.5 19.6	-1.15	0.0	10.1/17.0	60744
2001 ST ₂₁₁	2009 12 27.6	06 25.95 +25 34.6 20.1	-1.12	+ 0.4	1.1/28.0	97471
2008 SZ ₁₁₆	2009 12 27.7	06 25.84 +02 46.3 21.1	-0.98	- 1.2	7.0/27.9	56134
2005 SS ₃₉	2009 12 27.7	06 25.85 +31 39.6 20.3	-1.24	+ 1.0	3.7/27.4	20390
2003 QA ₆₇	2009 12 27.7	06 25.87 +27 37.7 19.8	-1.02	+ 0.1	1.5/27.6	64206
2001 XJ ₂₆	2009 12 27.7	06 25.87 +23 02.1 17.3	-1.14	+11.3	11.0/08.0	66117
2008 RG ₉₁	2009 12 27.7	06 25.88 +03 49.6 20.4	-0.92	+ 3.2	7.6/29.0	46687
2008 NZ ₁	2009 12 27.7	06 25.90 +19 20.3 21.5	-1.17	+ 3.8	1.4/28.0	43302
2005 EF ₄₅	2009 12 27.7	06 25.95 +16 37.4 19.5	-0.86	+ 1.2	2.1/28.0	47343
2003 MF ₃	2009 12 27.7	06 25.98 +27 55.4 20.0	-1.09	+ 3.7	1.4/28.0	40679
2005 TP ₇₁	2009 12 27.7	06 25.99 +26 09.0 18.7	-1.19	+ 2.4	1.4/28.0	60839
2006 BV ₄₂	2009 12 27.7	06 26.03 +39 29.5 20.4	-1.28	- 3.3	6.4/27.8	02273
1999 TO ₄₄	2009 12 27.7	06 26.07 +30 16.4 20.1	-1.07	+ 0.2	2.6/27.5	45833
2002 QA ₅₁	2009 12 27.7	06 26.08 +14 46.5 20.4	-0.85	+ 0.4	2.8/28.1	47224
2005 QY ₃₆	2009 12 27.7	06 26.12 +14 02.3 21.0	-1.14	+ 1.0	3.5/28.1	40395
2003 CD ₁₉	2009 12 27.7	06 26.12 +12 56.7 19.4	-1.05	+ 3.8	4.7/28.5	41787
2005 YB ₁₃₈	2009 12 27.7	06 26.13 +27 10.4 19.5	-1.10	- 1.7	1.7/27.7	96791
2005 WZ ₆₃	2009 12 27.7	06 26.14 +13 16.7 19.1	-1.04	+ 1.9	4.3/28.3	19670
2007 JF ₂₉	2009 12 27.7	06 26.14 +29 14.2 19.5	-1.10	+ 5.9	2.2/27.2	58567
2000 EM ₅	2009 12 27.7	06 26.16 +12 08.0 20.8	-0.82	+ 1.3	3.1/28.3	47143
2001 XZ ₂₄₀	2009 12 27.7	06 26.17 +29 38.5 17.6	-1.08	- 6.7	3.3/28.0	94404
2004 TO ₃₃₉	2009 12 27.7	06 26.18 +15 45.9 19.3	-0.97	- 0.5	3.0/27.9	43220
2001 TN ₁₃₉	2009 12 27.7	06 26.19 +27 30.0 21.0	-1.18	+ 1.7	1.5/27.6	16173
2008 RX ₅	2009 12 27.7	06 26.21 +24 11.5 20.0	-0.93	+ 1.3	0.3/27.7	50160
2005 YQ ₁₄	2009 12 27.7	06 26.22 +18 34.7 19.4	-1.03	+ 5.8	2.1/28.2	98033
2002 QW ₁₂₄	2009 12 27.7	06 26.25 +16 42.5 21.7	-0.86	+ 0.6	1.9/28.0	56883
2006 DM ₂₅	2009 12 27.7	06 26.25 +22 41.8 20.5	-0.99	+ 0.9	0.2/27.8	43259
2003 UK ₁₀₆	2009 12 27.7	06 26.26 +36 00.6 20.1	-1.06	+ 2.3	4.1/27.1	50961

2007 CQ ₆₄	2009 12 27.7	06 26.27 +26 23.0 20.3	-1.27	- 1.3	1.3/28.0	22875
2007 HH ₄₀	2009 12 27.7	06 26.28 +22 53.7 21.4	-0.96	+ 1.2	7.1/17.0	49020
2001 TA ₅₃	2009 12 27.7	06 26.30 +21 33.3 19.7	-1.12	+ 0.9	0.8/28.0	97479
2007 LE ₂₄	2009 12 27.7	06 26.31 +07 21.9 21.7	-0.92	0.0	4.9/28.3	46561
2006 BQ ₉₆	2009 12 27.7	06 26.32 +17 49.2 20.4	-0.96	+ 1.0	2.0/28.0	47380
2006 GG ₁₇	2009 12 27.7	06 26.35 +08 31.3 21.4	-0.86	+ 0.4	4.8/28.3	53491
2006 DD ₈₆	2009 12 27.7	06 26.35 +09 24.9 20.5	-0.87	+ 1.7	4.4/28.5	53482
2004 FV ₁₂₆	2009 12 27.7	06 26.35 +34 48.6 20.0	-1.33	+ 0.7	4.6/27.4	62390
2007 FU ₄₄	2009 12 27.7	06 26.35 +16 48.5 20.5	-1.03	+ 0.3	2.5/28.0	31528
2005 UL ₂₉₃	2009 12 27.7	06 26.36 +25 56.5 21.8	-1.18	+ 0.4	1.0/27.7	01067
2005 TF ₂₈	2009 12 27.7	06 26.37 +13 30.3 19.3	-1.06	- 0.5	4.3/28.1	19656
2007 LB ₂	2009 12 27.8	06 26.29 +18 26.9 21.1	-1.01	+ 2.2	1.7/28.0	58567
2008 SU ₁₀₉	2009 12 27.8	06 26.29 +26 57.5 20.5	-0.96	+ 1.4	1.1/27.6	49054
2007 CF ₃₅	2009 12 27.8	06 26.30 +16 07.8 19.6	-1.14	+ 4.5	3.2/28.3	19698
2006 AL ₅₉	2009 12 27.8	06 26.33 +23 32.4 20.7	-1.03	+ 2.1	8.7/08.0	26123
2006 HP ₆	2009 12 27.8	06 26.37 +38 56.7 20.2	-1.04	+ 1.3	4.6/27.1	47405
2002 UW ₇₂	2009 12 27.8	06 26.41 +16 36.9 20.4	-1.17	- 0.3	2.8/28.0	31238
2007 HK ₅₉	2009 12 27.8	06 26.41 +07 12.5 21.3	-0.92	- 0.5	4.9/28.2	46546
2001 PU ₅₇	2009 12 27.8	06 26.42 +18 58.4 21.8	-1.11	+ 1.3	1.5/28.0	90062
2003 SW ₁₁₃	2009 12 27.8	06 26.43 +29 13.7 21.8	-1.03	- 1.5	1.7/27.7	21799
2005 BX ₃₆	2009 12 27.8	06 26.44 +21 42.4 20.6	-0.91	+ 1.5	0.5/27.9	60394
2005 SE ₁₆₃	2009 12 27.8	06 26.47 +27 20.7 21.0	-1.23	+ 1.2	1.5/28.0	97831
2007 LF ₁₉	2009 12 27.8	06 26.56 +25 29.0 20.3	-1.07	+ 3.7	0.7/27.7	47436
2001 QW ₅₃	2009 12 27.8	06 26.59 +20 13.0 20.2	-1.15	+ 1.9	1.3/28.0	17936
2003 SX ₁₆₀	2009 12 27.8	06 26.59 +35 59.1 19.8	-1.08	+ 0.3	4.5/27.5	48899
2001 XT ₁₆₉	2009 12 27.8	06 26.59 +17 22.3 18.7	-1.11	- 2.9	2.2/28.0	60754
2007 EA ₈₈	2009 12 27.8	06 26.61 +20 45.2 21.2	-1.14	+ 1.0	1.0/28.0	47423
2001 QZ ₂₅₅	2009 12 27.8	06 26.61 +13 33.5 19.8	-1.08	+ 0.4	3.7/28.2	97454
2002 OS ₂₆	2009 12 27.8	06 26.63 +05 58.0 21.7	-0.81	+ 0.2	4.8/28.6	45954
2001 XA ₂₂₂	2009 12 27.8	06 26.65 +27 58.7 19.7	-1.18	+ 0.7	1.8/28.0	17981
2008 SX ₁₂₁	2009 12 27.8	06 26.65 +08 10.4 21.1	-0.81	- 0.5	4.3/28.3	50279
2008 QQ ₃	2009 12 27.8	06 26.69 +15 00.1 20.5	-0.91	+ 0.3	3.0/28.2	51071
2008 TA ₁₀₆	2009 12 27.8	06 26.69 +40 26.0 20.7	-1.23	+ 2.1	5.7/26.9	49088
2002 QT ₇₀	2009 12 27.8	06 26.69 +25 15.5 20.7	-0.92	+ 0.2	0.6/28.0	48874
2001 QP ₂₇₂	2009 12 27.8	06 26.74 +12 23.3 20.2	-1.11	+ 5.1	4.4/28.8	58410
2008 QW ₄₁	2009 12 27.8	06 26.74 +39 44.3 19.9	-1.21	- 0.9	6.2/27.5	60579
2003 SM ₂₅	2009 12 27.8	06 26.80 +10 15.6 20.4	-0.88	0.0	4.7/28.4	97668
2008 PG ₂₀	2009 12 27.8	06 26.80 +21 00.5 21.2	-1.00	+ 3.8	0.7/28.1	59812
2008 QF ₂₀	2009 12 27.8	06 26.82 +26 49.9 20.4	-0.94	+ 1.0	1.1/27.8	50148
2005 QE ₁₄	2009 12 27.8	06 26.83 +34 02.0 19.4	-1.29	- 1.1	4.9/27.7	18115
2008 KQ ₃₆	2009 12 27.8	06 26.83 +17 31.1 21.0	-1.16	+ 3.2	2.1/28.3	40629
1995 OE ₃	2009 12 27.9	06 26.74 +24 29.9 19.3	-1.11	- 4.9	0.5/28.0	40662
1999 SH ₂₆	2009 12 27.9	06 26.76 +28 57.7 19.8	-1.09	+ 2.7	1.9/28.0	17900
2005 OF ₁₆	2009 12 27.9	06 26.76 +24 18.3 20.4	-1.24	- 0.2	10.0/17.0	58856
2008 RF ₉	2009 12 27.9	06 26.81 +46 42.8 19.5	-1.42	- 0.1	8.4/27.0	62541
2008 SV ₂₂₉	2009 12 27.9	06 26.81 +32 36.9 21.1	-1.07	- 0.2	2.8/27.7	46888
1999 UR ₄₇	2009 12 27.9	06 26.83 +15 04.8 18.2	-0.98	- 2.8	3.7/28.0	66089
2002 QY ₁₀₆	2009 12 27.9	06 26.85 +23 30.5 20.3	-0.91	+ 1.1	6.9/08.0	60317
2002 PQ ₁₁₄	2009 12 27.9	06 26.87 +30 14.3 20.9	-0.94	- 0.5	1.9/27.8	56878
2001 TV ₄₈	2009 12 27.9	06 26.87 +38 55.6 20.5	-1.31	+ 0.9	5.2/27.4	40671
2008 SS ₄₃	2009 12 27.9	06 26.88 +38 12.3 20.6	-1.03	+ 1.1	4.4/27.2	46746

2006 DP ₆₀	2009 12 27.9	06 26.88 +11 21.9 20.8	-0.87 + 0.5	3.9/28.4	47392
2008 SG ₁₆₁	2009 12 27.9	06 26.89 +46 11.6 19.6	-1.15 + 0.9	7.3/27.0	49061
2006 BM ₂₂₀	2009 12 27.9	06 26.91 +21 37.0 20.6	-1.01 + 2.4	0.6/28.0	21624
2007 EC ₉₈	2009 12 27.9	06 26.97 +26 29.6 20.5	-1.22 + 1.0	1.4/27.8	20854
2007 EY ₁₃	2009 12 27.9	06 26.98 +12 13.1 20.3	-1.02 + 0.9	4.2/28.4	46508
2002 CV ₃₀	2009 12 27.9	06 27.07 +29 27.2 18.2	-1.06 + 2.4	2.9/27.6	60758
2001 UG ₁₈₇	2009 12 27.9	06 27.07 +33 22.5 20.8	-1.24 + 1.8	3.8/27.5	43135
2005 UJ ₂₆₈	2009 12 27.9	06 27.08 +12 43.5 20.0	-1.10 + 0.5	4.5/28.3	22800
2001 SU ₁₉₇	2009 12 27.9	06 27.12 +25 28.2 20.7	-1.18 + 0.9	0.8/28.0	97471
2002 CY ₆₇	2009 12 27.9	06 27.13 +39 47.4 19.6	-1.29 - 3.3	6.2/28.0	47200
2004 RS ₁₉₅	2009 12 27.9	06 27.16 +33 17.0 19.9	-1.17 - 2.6	3.7/28.0	00772
2006 HO ₁₅₂	2009 12 27.9	06 27.17 +21 29.8 20.3	-0.91 + 0.9	0.6/28.0	57436
2001 SQ ₃₂₆	2009 12 27.9	06 27.20 +22 17.5 21.1	-1.17 + 0.1	9.4/17.0	94119
2005 WD ₁₅₆	2009 12 27.9	06 27.21 +13 39.7 19.3	-1.06 + 2.6	3.7/28.6	60853
2005 VW ₁₁₈	2009 12 27.9	06 27.32 +39 46.5 17.9	-1.59 -16.9	8.2/30.4	66231
2005 NS ₂₈	2009 12 28.0	06 27.18 +14 16.4 21.4	-1.16 + 2.7	3.5/28.5	40692
2006 BP ₂₂₁	2009 12 28.0	06 27.20 +28 04.6 20.0	-1.07 - 1.1	1.8/27.9	55212
2005 SC ₂₆₇	2009 12 28.0	06 27.20 +19 22.5 19.7	-1.10 + 1.3	1.9/28.2	21839
2008 RQ ₁₂	2009 12 28.0	06 27.22 +28 55.3 20.4	-0.95 - 0.4	2.0/27.9	56132
2003 NN ₇	2009 12 28.0	06 27.22 +22 40.4 21.7	-0.99 - 1.7	0.2/28.0	22734
2005 TQ ₇₃	2009 12 28.0	06 27.27 +34 59.4 20.3	-1.33 + 1.5	4.8/27.6	96007
2004 RE ₂₀₃	2009 12 28.0	06 27.32 +25 03.9 20.6	-1.08 + 1.0	0.7/28.0	47308
2002 EP ₅₇	2009 12 28.0	06 27.33 +13 36.7 20.8	-1.01 + 0.6	3.5/28.3	48219
2002 CM ₃₀	2009 12 28.0	06 27.34 +30 01.9 20.0	-1.13 + 1.7	2.4/27.7	47200
2007 EP ₄₅	2009 12 28.0	06 27.35 +19 46.4 20.7	-1.09 + 1.3	1.3/28.2	43275
2008 RN ₃₇	2009 12 28.0	06 27.35 +19 35.7 20.4	-0.89 + 0.6	1.3/28.2	50171
2007 GD ₅₈	2009 12 28.0	06 27.36 +20 25.5 21.1	-1.01 + 1.8	1.0/28.2	47429
1999 TF ₂₂₆	2009 12 28.0	06 27.37 +17 33.2 21.0	-0.97 + 0.3	2.0/28.2	45839
2004 PZ ₈₈	2009 12 28.0	06 27.40 +44 28.3 19.6	-1.33 - 0.9	7.4/27.8	41808
2002 PA ₉₄	2009 12 28.0	06 27.41 +42 23.2 20.1	-1.09 - 0.8	5.3/27.6	45958
2002 NB ₆₀	2009 12 28.0	06 27.42 +16 38.4 21.3	-1.21 + 3.6	2.7/28.5	40106
2004 RK ₂₃₁	2009 12 28.0	06 27.42 +30 18.1 21.4	-1.09 + 0.5	2.3/27.8	65398
2001 SG ₂₉₆	2009 12 28.0	06 27.43 +31 12.3 21.4	-1.23 - 0.5	2.9/27.9	65316
2005 XR ₁₀	2009 12 28.0	06 27.47 +27 18.1 21.0	-1.22 + 2.1	1.7/27.9	98019
2003 TQ ₅₅	2009 12 28.0	06 27.47 +06 04.7 20.2	-0.85 + 2.0	6.0/29.1	46068
2005 UR ₁₅	2009 12 28.0	06 27.49 +26 34.5 20.1	-1.19 + 1.7	1.3/27.9	16320
2004 TZ ₂₇₁	2009 12 28.0	06 27.53 +07 29.8 20.9	-0.97 - 2.4	6.0/28.3	74415
2001 QA ₁₇₄	2009 12 28.0	06 27.54 +19 07.3 18.2	-1.12 - 3.8	2.0/28.0	66103
2007 HB ₈₈	2009 12 28.0	06 27.56 +38 34.6 20.4	-1.18 + 1.7	4.9/27.3	49021
2004 RF ₃₃₇	2009 12 28.0	06 27.57 +31 24.8 19.6	-1.10 + 0.6	3.2/27.8	47312
2004 RA ₉₃	2009 12 28.0	06 27.57 +11 48.0 19.4	-1.01 - 1.1	4.4/28.3	59732
2008 UH ₁₄	2009 12 28.0	06 27.58 +07 35.1 20.8	-0.84 + 0.1	5.2/28.6	55521
2002 VN ₂₀	2009 12 28.0	06 27.58 +19 05.7 19.2	-1.19 - 1.3	1.8/28.2	40109
2008 SU ₁₅₅	2009 12 28.0	06 27.61 +39 52.4 21.1	-1.17 + 1.7	4.7/27.3	50299
2008 SS ₁₆₆	2009 12 28.0	06 27.64 +31 07.6 20.6	-0.91 + 1.4	2.3/27.7	51077
2008 RP ₇₂	2009 12 28.0	06 27.64 +16 38.4 21.2	-0.99 + 1.4	2.3/28.4	50184
2005 TS ₆₃	2009 12 28.0	06 27.64 +14 48.1 20.5	-1.13 0.0	3.3/28.3	41828
2005 ET ₁₃	2009 12 28.0	06 27.68 +17 34.5 19.0	-0.87 + 1.8	1.9/28.4	48968
2002 QP ₁₀₂	2009 12 28.0	06 27.69 +15 06.2 20.3	-0.86 + 2.9	2.5/28.6	47226
2004 GW ₁	2009 12 28.0	06 27.72 +28 50.4 19.2	-1.28 + 3.0	2.4/27.8	21811
2007 GF ₆₃	2009 12 28.0	06 27.73 +27 57.1 20.6	-1.18 + 1.4	2.0/27.9	47429

2001 UN ₁₂₁	2009 12 28.1	06 27.64 +27 44.2 19.6	-1.15 + 2.5	1.6/27.9	41773
2003 SK ₂₃₇	2009 12 28.1	06 27.66 +42 12.8 19.5	-1.17 - 0.4	7.1/27.5	47262
2006 DF ₅₉	2009 12 28.1	06 27.68 +21 24.4 20.1	-0.96 + 0.5	0.7/28.2	47392
2008 QJ ₁₆	2009 12 28.1	06 27.68 +13 04.5 20.2	-0.89 + 3.7	3.1/28.9	48625
2004 FM ₂₄	2009 12 28.1	06 27.68 +40 52.6 20.3	-0.86 - 0.7	3.6/27.6	11043
2008 RD ₆₉	2009 12 28.1	06 27.70 +12 44.7 21.3	-0.83 + 0.1	3.0/28.5	51072
2002 TH ₂₇₁	2009 12 28.1	06 27.77 +16 36.6 18.8	-1.15 - 1.5	3.2/28.2	16225
2002 AL ₆₆	2009 12 28.1	06 27.77 +26 04.6 19.7	-1.13 - 3.5	1.2/28.1	94490
2003 BX ₄₄	2009 12 28.1	06 27.79 +22 24.5 18.7	-1.12 + 2.9	0.4/28.2	19590
1999 TE ₂₁₁	2009 12 28.1	06 27.81 -14 21.1 19.1	-1.38 - 9.8	18.6/25.3	60724
2002 HD	2009 12 28.1	06 27.83 +68 15.5 18.7	-2.19 +24.0	22.0/13.0	18010
2003 FA ₁₃₁	2009 12 28.1	06 27.84 +32 00.9 20.1	-1.23 + 3.2	3.7/27.6	08704
2005 AT ₇₈	2009 12 28.1	06 27.85 +39 24.2 19.8	-1.09 - 1.9	5.1/27.9	46274
2002 CT ₁₃₉	2009 12 28.1	06 27.87 +01 59.1 18.2	-0.87 + 5.2	10.5/30.5	20761
2006 BH ₂₁₄	2009 12 28.1	06 27.89 +20 46.3 18.8	-0.96 - 2.2	1.3/28.2	97120
2003 WC ₆₀	2009 12 28.1	06 27.90 +25 03.3 20.2	-0.93 + 1.1	0.6/28.1	59718
2005 UK ₄₉	2009 12 28.1	06 27.90 +22 02.3 19.6	-1.18 - 1.4	0.5/28.2	65459
2002 CS ₁₈₆	2009 12 28.1	06 27.92 +19 52.6 20.4	-1.03 + 1.9	1.4/28.3	94627
2008 RH ₁₀₉	2009 12 28.1	06 27.94 +17 18.5 20.2	-0.86 + 0.8	2.0/28.4	49043
2007 FK ₃₂	2009 12 28.1	06 27.99 +01 03.8 21.4	-0.92 - 0.2	7.0/28.9	46525
2008 UM ₁₃	2009 12 28.1	06 28.00 +26 41.6 21.9	-0.90 + 0.7	0.9/28.0	50478
2006 BD ₂₁₁	2009 12 28.1	06 28.03 +12 02.0 19.8	-0.96 + 4.4	4.5/29.1	19690
2003 SS ₂₈₂	2009 12 28.1	06 28.03 +33 56.1 20.1	-1.04 - 1.4	3.4/28.0	47263
2002 AD ₁₄₉	2009 12 28.1	06 28.04 +24 48.4 19.3	-1.09 + 0.4	0.7/28.1	57361
2007 BJ ₄₆	2009 12 28.1	06 28.06 +18 20.8 19.8	-1.16 + 4.6	2.3/28.5	59785
1999 TS ₂₇₂	2009 12 28.1	06 28.07 +16 54.9 19.5	-0.98 - 2.0	2.1/28.3	47137
2007 HH ₆₅	2009 12 28.1	06 28.11 +26 57.1 20.2	-1.04 + 3.7	1.2/27.9	21365
2001 ST ₇₆	2009 12 28.1	06 28.13 +25 49.5 21.1	-1.17 + 0.3	1.0/28.1	17948
2002 PS ₃₉	2009 12 28.1	06 28.15 +31 10.8 20.3	-0.97 - 1.1	2.1/28.0	33727
2002 TJ ₁₇₈	2009 12 28.2	06 28.06 +23 57.3 19.3	-1.24 - 1.8	0.3/28.2	16224
2002 VH ₃	2009 12 28.2	06 28.07 +22 52.2 18.2	-1.17 - 1.8	0.2/28.2	60776
2004 RU ₂₈	2009 12 28.2	06 28.10 +35 01.8 18.6	-1.14 - 0.8	5.3/28.0	66176
2003 TT ₅₂	2009 12 28.2	06 28.16 +21 53.6 20.7	-0.93 + 1.6	0.5/28.3	00593
1998 FL ₁₀	2009 12 28.2	06 28.17 +22 51.3 19.5	-1.06 - 0.3	0.2/28.2	01968
2004 TJ ₂₅₅	2009 12 28.2	06 28.18 +27 41.3 19.3	-1.05 + 2.1	1.8/28.0	57407
2003 BS ₈	2009 12 28.2	06 28.19 +19 48.8 18.2	-1.08 - 3.6	1.8/28.2	60782
2003 UL ₁₀	2009 12 28.2	06 28.19 +51 33.2 20.1	-1.44 + 5.1	8.8/26.1	43185
2005 YG ₇₆	2009 12 28.2	06 28.20 +25 21.5 19.4	-1.09 + 5.4	0.9/28.0	22805
2000 MR ₆	2009 12 28.2	06 28.21 +03 11.7 19.8	-1.00 + 4.5	7.0/30.1	17914
2004 RX ₇₉	2009 12 28.2	06 28.21 +26 11.9 20.6	-1.12 + 4.9	0.9/28.0	74335
2008 SZ ₄₉	2009 12 28.2	06 28.22 +23 20.1 22.1	-0.93 + 0.5	0.0/28.2	50236
2007 LU ₂₄	2009 12 28.2	06 28.22 +16 58.4 20.8	-0.95 - 0.2	2.2/28.4	43285
2002 SJ ₄₄	2009 12 28.2	06 28.23 +37 03.2 19.9	-1.42 + 1.8	6.0/27.7	97619
2004 TL ₁₁₆	2009 12 28.2	06 28.26 +11 25.7 19.0	-1.02 - 3.5	4.6/28.3	74388
2004 TW ₃₅	2009 12 28.2	06 28.26 +28 05.3 21.8	-1.07 + 0.7	1.6/28.1	47315
2008 UW ₅₀	2009 12 28.2	06 28.29 +18 38.4 20.4	-0.85 + 0.3	1.3/28.4	52514
2007 FT ₃₁	2009 12 28.2	06 28.33 +22 20.3 20.7	-1.10 + 0.6	0.3/28.3	47426
2007 EZ ₁₅₆	2009 12 28.2	06 28.33 +25 13.6 19.3	-1.15 + 3.7	0.9/28.1	21878
2002 CJ ₂₅₈	2009 12 28.2	06 28.36 +21 50.5 20.6	-1.05 + 0.8	0.6/28.3	94649
2008 TT ₇₆	2009 12 28.2	06 28.37 +27 29.8 21.2	-0.94 + 0.8	1.2/28.1	49084
2001 SK ₃₃₂	2009 12 28.2	06 28.42 +33 38.4 20.6	-1.26 + 1.6	4.2/27.8	08022

2003 TT ₁₂	2009 12 28.2	06 28.43 +24 06.7	19.7	-0.95	+	0.7	0.3/28.2	46066
2007 BP ₂₆	2009 12 28.2	06 28.44 +22 51.5	20.4	-1.23	+	1.6	0.2/28.3	47417
2006 KP ₄₅	2009 12 28.2	06 28.45 +31 53.7	20.4	-0.98	+	3.2	2.8/27.7	26175
2004 GR ₄₁	2009 12 28.2	06 28.47 +26 35.3	19.3	-1.25	+	4.6	1.4/28.0	60802
2004 RK ₂₀₉	2009 12 28.2	06 28.51 +09 21.0	20.5	-1.00	-	0.5	4.7/28.8	60810
2004 NZ ₁₅	2009 12 28.2	06 28.59 +27 34.4	20.4	-1.20	-	3.0	1.6/28.3	70369
2003 UY ₁₅₆	2009 12 28.2	06 28.59 +29 56.9	19.4	-1.00	+	3.5	2.2/27.8	64212
2005 UW ₃₃₂	2009 12 28.2	06 28.62 +28 01.0	20.3	-1.21	+	2.5	1.9/28.0	03778
2004 FH ₈₃	2009 12 28.3	06 28.50 +19 34.5	20.3	-1.20	+	0.9	1.6/28.4	43199
2001 QX ₁₆₈	2009 12 28.3	06 28.51 +20 46.5	20.1	-1.14	+	4.1	1.0/28.5	16159
2004 RM ₇₀	2009 12 28.3	06 28.55 +27 58.4	19.5	-1.09	+	1.9	1.8/28.1	21814
2006 AZ ₅₇	2009 12 28.3	06 28.55 +26 35.8	20.3	-1.03	-	1.3	1.0/28.3	46363
2008 SN ₂₂₉	2009 12 28.3	06 28.57 +44 10.8	19.9	-1.15	-	0.7	6.7/27.8	56136
2002 VG ₃₁	2009 12 28.3	06 28.61 +14 13.7	18.7	-1.08	-	0.9	4.6/28.6	60776
2005 EO ₈	2009 12 28.3	06 28.61 +11 37.9	20.8	-0.87	+	3.2	3.8/29.1	00924
2006 DG ₆₆	2009 12 28.3	06 28.63 +27 08.0	19.7	-1.02	+	3.7	1.3/28.0	58525
2001 SB ₁₈	2009 12 28.3	06 28.64 +21 16.6	19.3	-1.13	+	1.9	0.8/28.4	17947
2007 LW ₁₆	2009 12 28.3	06 28.66 +25 22.4	19.6	-1.06	+	2.1	0.8/28.2	21254
2005 YO ₁₇₄	2009 12 28.3	06 28.69 +33 41.6	19.9	-1.17	+	2.5	3.8/27.7	47370
2003 ST ₂₁₇	2009 12 28.3	06 28.72 +16 36.0	19.6	-0.91	-	1.1	2.3/28.5	47262
2002 PA ₇₂	2009 12 28.3	06 28.73 +05 47.9	21.2	-0.81	+	0.3	4.7/29.1	48871
2005 UZ ₁₅₇	2009 12 28.3	06 28.80 +17 48.7	20.2	-1.05	-	0.3	2.6/28.5	20417
2008 QD ₁₀	2009 12 28.3	06 28.81 +20 02.7	20.6	-0.97	+	0.9	1.0/28.5	58921
2004 VB ₄	2009 12 28.3	06 28.81 +22 39.0	19.4	-1.03	-	0.6	0.2/28.4	48951
2007 GW ₆₁	2009 12 28.3	06 28.84 +19 49.9	21.4	-1.07	+	1.4	1.2/28.5	47429
2008 TF ₁₀₅	2009 12 28.3	06 28.87 +44 45.9	21.1	-1.11	+	1.5	6.1/27.2	50429
2002 CF ₄₅	2009 12 28.3	06 28.92 +18 35.0	19.2	-1.00	+	3.3	2.1/28.7	40102
2006 BM ₁₂	2009 12 28.3	06 28.93 +04 21.7	19.1	-0.91	+	7.6	8.7/30.6	01226
2006 KJ ₃₈	2009 12 28.3	06 28.94 +24 23.2	20.2	-0.97	+	3.2	0.4/28.3	49009
2007 JS ₂₃	2009 12 28.3	06 28.96 +34 06.6	18.9	-1.13	+	4.3	4.0/27.5	47434
2001 ST ₈₉	2009 12 28.3	06 28.96 +23 34.5	20.8	-1.15	+	0.1	0.1/28.4	17949
2008 SW ₂₀	2009 12 28.3	06 28.98 +35 05.6	21.7	-1.18	-	0.1	4.1/28.0	46723
2005 QN ₂₁	2009 12 28.3	06 28.99 +34 33.5	21.3	-1.35	+	0.1	4.5/28.1	90225
2000 GR ₁₇₁	2009 12 28.3	06 29.00 -08 22.9	21.3	-0.77	+	1.7	7.8/30.0	60729
2001 OS ₃₄	2009 12 28.3	06 29.01 +33 36.0	20.6	-1.27	+	1.7	4.0/27.9	90059
2005 BR ₂₉	2009 12 28.3	06 29.02 +26 56.7	19.2	-1.00	+	5.8	1.3/28.0	00915
2002 GT ₃₃	2009 12 28.3	06 29.2 +76 26.8	20.1	-3.54	+	1.5	18.9/20.4	47211
2002 CH ₆₈	2009 12 28.4	06 28.96 +31 56.1	19.0	-1.05	-	1.2	4.5/28.3	94586
2006 BC ₁₃₃	2009 12 28.4	06 28.97 +15 23.4	19.6	-0.95	+	1.2	2.9/28.8	51024
2005 SM ₂₃₃	2009 12 28.4	06 29.00 +22 18.9	21.2	-1.17	+	0.8	0.4/28.4	43234
2003 WU ₆₉	2009 12 28.4	06 29.00 +28 44.1	19.3	-0.95	+	3.5	1.8/28.0	18063
2001 YU ₁₃₉	2009 12 28.4	06 29.01 +09 26.2	18.7	-1.06	-	3.7	5.2/28.2	47194
2004 HX ₄₆	2009 12 28.4	06 29.03 +38 05.9	20.2	-1.39	+	1.4	6.3/27.7	18071
2005 QK ₂₁	2009 12 28.4	06 29.03 +25 52.7	20.2	-1.23	+	1.7	1.0/28.3	59101
1995 WY ₄₀	2009 12 28.4	06 29.05 +26 23.4	19.8	-1.26	+	3.6	1.4/28.2	66082
2008 SQ ₄₄	2009 12 28.4	06 29.06 +20 54.6	20.5	-0.89	+	0.4	0.8/28.5	50232
2004 JL ₄₉	2009 12 28.4	06 29.13 +32 21.7	21.3	-1.24	+	2.7	3.5/27.9	95224
2008 QC ₁₁	2009 12 28.4	06 29.13 +56 11.8	20.2	-1.45	-	1.1	9.6/28.0	46613
2007 LE ₂₀	2009 12 28.4	06 29.15 +12 33.7	21.2	-0.92	-	0.4	3.2/28.7	46561
2003 EP ₆₂	2009 12 28.4	06 29.18 +20 23.6	20.9	-1.11	+	0.8	1.2/28.6	20302
2000 QP ₃₆	2009 12 28.4	06 29.21 +14 49.4	19.3	-1.05	+	2.2	3.3/29.0	02001

2007 BF ₄₄	2009 12 28.4	06 29.22 +18 12.7	19.7	-1.15	+	2.1	2.3/28.7	19696
2001 EO ₂₅	2009 12 28.4	06 29.25 +22 15.7	20.4	-0.93	+	1.5	0.3/28.5	66101
2002 RG ₄₆	2009 12 28.4	06 29.26 -00 55.2	20.3	-0.78	+	2.4	6.2/30.2	47227
2005 YV ₄₄	2009 12 28.4	06 29.27 +20 59.9	19.4	-1.05	+	0.3	1.0/28.5	96708
1998 KH ₁₂	2009 12 28.4	06 29.30 +04 09.6	20.5	-0.91	+	0.8	6.3/29.4	47130
2008 RN ₁₀₅	2009 12 28.4	06 29.30 +23 57.7	21.0	-0.91	+	0.7	0.2/28.4	50195
2001 XH ₂₀₂	2009 12 28.4	06 29.31 +23 23.0	18.7	-1.12	-	2.0	0.0/28.5	47190
2002 TQ ₁₃₂	2009 12 28.4	06 29.32 +21 03.7	20.3	-1.22	-	0.5	0.9/28.5	48881
2005 UY ₁₈₄	2009 12 28.4	06 29.35 +30 14.9	20.8	-1.20	+	2.8	2.6/28.1	43238
2005 UU ₄₁₄	2009 12 28.4	06 29.37 +30 02.1	19.5	-1.24	+	3.0	2.6/28.1	47358
2006 HK ₁₀₁	2009 12 28.4	06 29.38 +03 47.0	19.9	-0.85	-	1.6	6.4/28.8	49006
2007 HV ₇₀	2009 12 28.4	06 29.38 +12 38.7	21.0	-0.91	-	0.1	3.1/28.9	46547
2001 WG ₅₁	2009 12 28.4	06 29.39 +28 08.3	20.3	-1.19	+	1.2	2.1/28.3	94304
2003 UL ₁₂₉	2009 12 28.4	06 29.40 +11 55.7	21.3	-0.89	-	1.7	3.2/28.7	52378
2005 WR ₄₆	2009 12 28.4	06 29.41 +22 56.1	20.4	-1.14	+	0.4	0.1/28.5	20446
2005 QK ₂₃	2009 12 28.4	06 29.41 +28 03.7	18.6	-1.17	+	1.5	2.4/28.3	60830
2006 EX ₂₈	2009 12 28.4	06 29.42 +13 15.9	19.8	-0.93	+	1.5	4.7/29.0	02305
2004 RD ₃₂₃	2009 12 28.4	06 29.45 +06 46.3	20.7	-0.97	-	1.1	5.2/28.9	48941
2008 UR ₁₇₄	2009 12 28.5	06 29.40 +15 35.7	20.6	-0.87	-	1.6	2.2/28.6	57500
2008 QG ₁₇	2009 12 28.5	06 29.41 +32 42.0	21.2	-1.08	-	0.3	3.0/28.2	50147
2005 UQ ₃₇₁	2009 12 28.5	06 29.45 +34 58.5	19.7	-1.22	+	4.1	5.2/27.6	20822
2008 TB ₁₁₂	2009 12 28.5	06 29.45 +00 29.8	22.0	-0.81	-	0.4	5.7/29.5	50434
2005 AW ₄₈	2009 12 28.5	06 29.47 +21 42.5	20.2	-0.94	+	1.8	0.6/28.6	43228
2005 US ₇₆	2009 12 28.5	06 29.47 +35 01.8	19.7	-1.28	+	2.5	4.9/27.9	18139
2000 FM ₄₈	2009 12 28.5	06 29.47 +61 27.2	20.0	-1.60	+	1.9	10.5/25.6	47144
2004 RO ₁	2009 12 28.5	06 29.50 +04 41.1	20.6	-0.97	+	4.4	5.9/30.1	47301
2004 TO ₄₇	2009 12 28.5	06 29.52 +15 37.6	21.1	-0.98	+	0.3	2.5/28.8	48944
2005 VG ₈₁	2009 12 28.5	06 29.55 +21 00.4	20.5	-1.11	+	0.1	1.0/28.6	11149
2005 UC ₁₇₆	2009 12 28.5	06 29.59 +37 49.6	21.3	-1.32	+	3.5	5.5/27.5	18143
2006 DG ₁₉₂	2009 12 28.5	06 29.60 +10 37.8	20.3	-0.84	+	1.7	3.8/29.3	47397
2004 RW ₁₃₉	2009 12 28.5	06 29.60 +21 15.1	21.3	-1.04	+	1.3	0.7/28.6	47306
2005 NX ₁₂₂	2009 12 28.5	06 29.61 +16 31.2	19.5	-1.15	+	4.4	2.9/29.1	18114
2000 TR ₂₈	2009 12 28.5	06 29.63 +56 55.9	21.6	-1.79	+	4.2	10.5/26.4	68770
2008 RK ₄₆	2009 12 28.5	06 29.63 +39 09.7	20.1	-1.07	+	0.9	5.1/27.8	50177
2002 ET ₁₀₆	2009 12 28.5	06 29.63 +08 02.8	19.7	-0.97	+	3.2	5.5/29.5	58427
2007 GZ ₁₉	2009 12 28.5	06 29.64 +23 07.5	19.7	-1.16	-	0.2	0.1/28.6	47427
2006 AX ₇₄	2009 12 28.5	06 29.66 +10 37.0	19.5	-1.15	+	8.9	4.9/29.9	02270
2008 TL ₁	2009 12 28.5	06 29.69 +08 11.7	22.2	-0.88	-	0.9	4.2/29.1	57173
2008 QD ₃₅	2009 12 28.5	06 29.71 +21 34.8	19.7	-0.90	+	1.8	0.6/28.7	62541
2002 SL ₃₉	2009 12 28.5	06 29.72 -02 23.5	20.8	-0.77	+	0.9	6.6/29.9	02132
2001 XZ ₁₅₄	2009 12 28.5	06 29.74 +22 18.7	18.4	-1.07	+	2.3	0.4/28.6	62333
2002 RP ₂₇₀	2009 12 28.5	06 29.74 +19 35.4	21.7	-0.86	+	0.6	1.0/28.7	47231
2003 SH ₂₇₀	2009 12 28.5	06 29.76 +24 28.7	19.8	-0.97	+	3.2	0.4/28.5	21141
2005 TJ ₇₉	2009 12 28.5	06 29.76 +31 54.5	19.6	-1.33	+	3.5	3.7/28.1	40146
2007 KR ₇	2009 12 28.5	06 29.79 +04 09.3	20.9	-0.88	-	0.4	5.5/29.2	47435
2005 UJ ₅₁₀	2009 12 28.5	06 29.80 +31 26.5	20.3	-1.16	+	3.1	3.9/28.1	11147
2005 QR ₁₄₈	2009 12 28.5	06 29.81 +26 04.1	21.1	-1.25	+	2.8	1.1/28.4	57008
2006 BM ₁₀₂	2009 12 28.5	06 29.81 +18 31.0	20.1	-0.99	+	0.9	1.8/28.8	59770
2005 SH ₂₆₄	2009 12 28.5	06 29.82 +27 35.6	21.4	-1.25	+	2.0	1.7/28.4	38906
2007 GM ₃₉	2009 12 28.5	06 29.84 +14 29.2	20.7	-1.10	-	0.4	3.8/28.8	20866
2007 DC ₉₃	2009 12 28.5	06 29.84 +13 49.8	20.2	-1.12	+	2.8	4.1/29.1	47420

2006 KJ ₉₁	2009 12 28.5	06 29.85 +10 04.6 20.4	-0.82 + 2.3	3.9/29.4	01833
2004 XG ₁₆₉	2009 12 28.5	06 29.87 +26 43.3 19.9	-1.01 - 0.9	1.2/28.5	47334
2007 EF ₁₇₇	2009 12 28.5	06 29.89 +24 19.1 20.7	-1.12 + 0.2	0.4/28.6	43277
2004 TR ₃₅₅	2009 12 28.5	06 29.89 +08 10.9 20.6	-0.95 + 2.6	4.7/29.6	47323
2000 SY ₂₉	2009 12 28.5	06 29.89 +12 02.8 20.6	-1.02 + 1.4	4.3/29.2	84589
2004 RH ₃₃	2009 12 28.5	06 29.90 +35 13.1 19.5	-1.21 + 0.4	4.3/28.2	19621
2007 JG	2009 12 28.6	06 29.84 +15 10.3 20.9	-0.96 + 4.1	2.6/29.2	21366
2002 AQ ₁₅₈	2009 12 28.6	06 29.84 +14 53.1 20.3	-1.04 + 1.6	3.3/29.0	02066
2008 RY ₁₁₈	2009 12 28.6	06 29.85 +28 38.5 19.7	-1.02 + 5.8	1.5/28.1	48627
2008 QG ₄	2009 12 28.6	06 29.86 +13 25.7 19.7	-1.02 - 2.6	3.7/28.7	46607
2004 RX ₁₃₇	2009 12 28.6	06 29.88 +09 05.9 21.0	-1.02 - 1.3	4.7/28.9	58839
2005 VA ₁₁₈	2009 12 28.6	06 29.89 +32 48.9 19.5	-1.17 - 3.2	3.5/28.6	47360
2003 JG ₆₁	2009 12 28.6	06 29.89 +11 50.6 19.7	-0.88 + 2.3	3.8/29.3	48906
2004 EX ₅₅	2009 12 28.6	06 29.89 +22 37.3 19.7	-1.23 - 1.2	0.3/28.6	66169
2005 UP ₅₄	2009 12 28.6	06 29.90 +17 39.4 19.7	-1.14 - 0.2	2.2/28.8	60842
2005 ET ₄₆	2009 12 28.6	06 29.92 +05 20.1 20.3	-0.85 + 1.6	5.8/29.5	58491
2006 BV ₄₁	2009 12 28.6	06 29.93 +39 02.7 20.9	-1.29 - 1.5	5.9/28.1	02272
2003 AZ ₈₂	2009 12 28.6	06 29.95 +32 12.9 18.1	-1.24 - 5.7	4.4/28.9	66147
2006 BD ₁₀₁	2009 12 28.6	06 29.97 +17 09.4 20.0	-1.03 - 3.1	2.2/28.6	48989
2001 UR ₃₀	2009 12 28.6	06 29.97 +35 51.0 20.1	-1.27 + 2.4	4.8/27.9	43133
2008 SA ₂₃₈	2009 12 28.6	06 29.99 +29 22.9 20.9	-0.93 + 1.0	1.7/28.4	50339
2006 BG ₁₄₅	2009 12 28.6	06 30.01 +32 29.0 18.8	-1.18 - 5.2	3.9/28.8	60859
2006 HL ₉₂	2009 12 28.6	06 30.01 +19 10.9 20.1	-0.89 + 2.5	1.4/28.9	14282
2001 SM ₃₂₀	2009 12 28.6	06 30.02 +28 40.0 20.8	-1.18 + 1.3	1.8/28.4	47176
2002 WV ₁₉	2009 12 28.6	06 30.07 +14 39.7 20.9	-1.18 + 0.3	3.6/29.0	40110
2008 SO ₃₀	2009 12 28.6	06 30.07 +27 31.1 20.3	-0.93 - 1.0	1.2/28.5	59134
2001 UD ₂₂₈	2009 12 28.6	06 30.08 +21 29.0 21.0	-1.11 + 0.3	0.6/28.7	45916
2005 UP ₄₇₇	2009 12 28.6	06 30.10 +18 24.9 19.6	-1.10 - 1.9	2.1/28.7	97956
2002 VV ₉₈	2009 12 28.6	06 30.13 +18 42.4 20.2	-1.18 + 0.3	1.8/28.8	14683
1996 LL ₂	2009 12 28.6	06 30.15 +15 14.8 20.3	-1.05 + 3.0	3.1/29.2	40662
2008 RU ₄	2009 12 28.6	06 30.16 +23 32.3 21.0	-1.02 + 0.5	0.1/28.7	50158
2008 UA ₂₀₇	2009 12 28.6	06 30.19 +39 00.1 20.6	-1.03 + 1.0	4.9/27.9	50586
2005 QE ₁₈₁	2009 12 28.6	06 30.26 +23 58.3 19.9	-1.21 - 0.8	0.3/28.7	64251
2005 YZ ₃	2009 12 28.6	06 30.27 +36 28.8 19.4	-1.22 + 6.3	5.7/27.4	20829
2008 QC ₄₂	2009 12 28.6	06 30.28 +20 00.9 20.7	-0.94 + 0.9	1.2/28.8	58154
2005 WG ₈₉	2009 12 28.6	06 30.31 +29 41.6 19.9	-1.16 + 4.3	2.7/28.2	20825
2004 PU ₉	2009 12 28.6	06 30.33 +11 25.1 20.4	-1.00 + 3.7	4.5/29.6	74313
2008 TA ₁₄₂	2009 12 28.6	06 30.34 +20 23.6 20.6	-0.90 + 1.1	0.9/28.8	58621
2005 EU ₁₁₅	2009 12 28.6	06 30.35 +15 17.3 19.8	-0.85 + 1.2	2.8/29.1	58493
2005 SH ₁₂₁	2009 12 28.6	06 30.38 +25 34.4 20.5	-1.22 + 0.1	0.9/28.6	47352
2005 SH ₁₆₄	2009 12 28.6	06 30.40 +29 47.1 19.4	-1.29 + 2.3	2.6/28.4	40143
2003 UD ₂₀₂	2009 12 28.7	06 30.28 +10 25.7 18.4	-0.85 + 1.6	4.9/29.5	60790
2003 XX ₃₁	2009 12 28.7	06 30.28 +21 04.4 20.1	-0.89 + 0.6	0.7/28.8	47283
2005 QF ₁₄₃	2009 12 28.7	06 30.29 +39 24.3 19.9	-1.45 - 2.5	6.1/28.7	14207
2002 QY ₈₄	2009 12 28.7	06 30.29 +14 04.7 21.4	-0.84 + 0.3	2.7/29.1	45971
2000 UU ₂₄	2009 12 28.7	06 30.29 +06 26.4 19.1	-0.96 + 0.2	7.2/29.5	19530
2003 NF ₈	2009 12 28.7	06 30.30 +20 38.7 20.2	-0.96 + 3.2	0.8/28.9	58821
2005 YA ₁₈₉	2009 12 28.7	06 30.32 -03 08.7 21.1	-0.96 + 4.8	8.2/30.7	98065
2005 SH ₁₈	2009 12 28.7	06 30.32 +22 08.0 20.2	-1.13 + 0.6	0.5/28.8	17556
2004 GN ₅₀	2009 12 28.7	06 30.37 +13 52.9 20.6	-1.13 - 0.8	3.9/28.9	43200
2005 SY ₂₀₆	2009 12 28.7	06 30.39 +16 12.1 18.8	-1.06 + 3.0	3.4/29.2	22796

2008 RE ₅₁	2009 12 28.7	06 30.39 +14 33.7 21.8	-0.96 + 0.7	2.6/29.1	49039
2001 SO ₂₈₈	2009 12 28.7	06 30.41 +30 07.7 19.8	-1.22 - 1.4	2.8/28.6	14627
2006 HE ₄₆	2009 12 28.7	06 30.43 +16 52.0 19.4	-0.96 + 5.3	2.3/29.3	21359
2003 WQ ₁₆₉	2009 12 28.7	06 30.43 +20 43.0 19.5	-0.94 + 4.7	0.9/28.9	14707
2001 SE ₂₁₀	2009 12 28.7	06 30.44 +25 51.7 18.9	-1.16 + 2.5	1.2/28.6	62319
2003 TR ₁₅	2009 12 28.7	06 30.46 +26 05.3 19.6	-0.96 + 3.5	0.9/28.5	46067
2003 ST ₃₀₈	2009 12 28.7	06 30.51 +34 26.3 20.1	-1.11 - 3.7	3.6/28.9	47264
2004 PQ ₂	2009 12 28.7	06 30.53 +37 40.7 19.8	-1.27 - 3.6	5.3/28.9	47296
2008 UC ₁₀₁	2009 12 28.7	06 30.53 +12 14.3 21.1	-0.84 - 0.4	3.3/29.1	50528
2005 SC ₅₃	2009 12 28.7	06 30.54 +15 54.4 20.9	-1.14 + 1.1	2.9/29.1	16306
2008 RQ ₅₃	2009 12 28.7	06 30.55 +02 01.5 20.8	-0.84 + 1.3	7.3/30.1	50178
1999 XW ₁₄₈	2009 12 28.7	06 30.56 +27 37.3 19.9	-1.25 + 4.3	2.0/28.4	16131
2002 VY ₁₁₉	2009 12 28.7	06 30.58 +30 38.0 19.3	-1.23 - 1.0	3.9/28.6	32903
2008 TZ ₅₄	2009 12 28.7	06 30.58 +06 34.0 20.2	-0.72 - 0.7	5.1/29.3	51082
2004 VK ₄₃	2009 12 28.7	06 30.59 +16 18.5 20.4	-0.96 + 0.7	2.5/29.1	47326
2003 NU ₂	2009 12 28.7	06 30.62 +22 12.7 20.2	-0.98 - 0.9	0.3/28.8	48892
2002 AM ₈₆	2009 12 28.7	06 30.69 +26 59.0 18.9	-1.23 - 7.3	1.6/28.9	60757
1999 XJ ₂₄₀	2009 12 28.7	06 30.70 +35 13.6 19.3	-1.27 + 0.2	6.2/28.4	17906
2002 TJ ₃₄₂	2009 12 28.7	06 30.72 +21 15.0 21.0	-0.85 + 1.7	0.6/28.9	47236
2005 RX ₄₅	2009 12 28.7	06 30.72 +14 04.2 20.4	-1.11 + 3.2	3.7/29.4	21595
2001 PH ₁₄	2009 12 28.7	06 30.72 -07 23.1 21.3	-1.05 + 5.9	10.7/02.0	41080
2000 SC ₃₃₅	2009 12 28.7	06 30.74 +49 07.5 21.0	-1.44 + 1.4	9.1/27.7	60286
2004 RY ₂₄₃	2009 12 28.7	06 30.76 +27 04.4 20.2	-1.07 + 0.9	1.6/28.6	00776
2003 WZ ₁₇₈	2009 12 28.7	06 30.76 +13 35.4 20.9	-0.87 - 0.8	3.0/29.1	48917
2006 DL ₆₉	2009 12 28.7	06 30.79 +26 05.1 20.2	-0.97 + 1.1	0.9/28.7	51027
2002 CJ ₂₈₈	2009 12 28.7	06 30.80 +20 14.0 19.7	-1.03 + 3.2	1.3/29.0	02081
2005 SV ₁₃₅	2009 12 28.7	06 30.85 +34 09.3 19.9	-1.31 + 1.8	4.8/28.2	33460
2003 QS ₅₈	2009 12 28.8	06 30.72 +25 10.6 21.2	-0.96 + 1.3	0.5/28.7	47253
2003 XL ₁₈	2009 12 28.8	06 30.74 +40 14.5 19.3	-1.13 - 3.1	6.6/29.0	66166
2005 QZ ₇₀	2009 12 28.8	06 30.74 +19 12.0 19.3	-1.15 + 3.2	1.8/29.1	64248
2004 LM ₂₀	2009 12 28.8	06 30.75 +16 59.1 20.6	-1.11 + 2.4	2.2/29.2	47294
2007 CO ₅₄	2009 12 28.8	06 30.75 +24 58.0 19.5	-1.22 - 0.8	0.7/28.8	47419
2005 QX ₁₄₉	2009 12 28.8	06 30.77 +32 03.5 21.4	-1.33 + 0.2	3.2/28.5	97800
2004 RC ₁₇₅	2009 12 28.8	06 30.77 +27 10.2 20.3	-1.13 - 1.9	1.4/28.8	70436
2004 RA ₁₃₈	2009 12 28.8	06 30.79 +14 44.5 19.9	-1.05 - 2.6	3.0/28.9	40688
2005 CZ ₆₃	2009 12 28.8	06 30.81 +44 56.3 19.8	-1.17 - 0.8	6.8/28.0	77815
2005 RM ₅	2009 12 28.8	06 30.81 +25 48.0 21.8	-1.24 + 0.4	1.0/28.7	90241
2006 BX ₁₉₇	2009 12 28.8	06 30.81 +22 29.0 20.5	-1.00 - 0.2	0.3/28.8	46392
2004 SL ₅₁	2009 12 28.8	06 30.83 +22 58.9 20.0	-1.05 + 1.9	0.1/28.8	52407
2004 SM ₅₈	2009 12 28.8	06 30.87 +19 00.7 21.9	-1.00 + 0.3	1.2/29.0	59741
2004 TR ₁₀₆	2009 12 28.8	06 30.89 +35 24.2 20.1	-1.17 + 2.5	4.4/28.1	43216
2004 EG ₄₉	2009 12 28.8	06 30.91 +25 45.1 20.1	-1.23 + 3.5	1.0/28.7	66169
2003 WA ₁₅₉	2009 12 28.8	06 30.91 +25 27.4 19.0	-0.93 + 1.4	0.8/28.7	60792
2003 SM ₃₂₁	2009 12 28.8	06 30.93 +35 45.5 19.7	-1.04 - 0.1	3.8/28.4	48903
2008 UU ₂₁₃	2009 12 28.8	06 30.94 +20 39.7 20.9	-0.88 - 0.8	0.7/28.9	63869
2006 BK ₆₇	2009 12 28.8	06 30.96 +17 11.1 19.9	-1.00 + 5.3	2.6/29.4	98103
2006 AN ₆₇	2009 12 28.8	06 31.00 +09 40.2 19.7	-1.00 + 6.8	5.5/30.4	41839
2005 VO ₈₉	2009 12 28.8	06 31.00 +21 36.2 21.1	-1.12 + 2.7	0.6/29.0	47359
2003 UL ₈₃	2009 12 28.8	06 31.03 +15 44.3 19.4	-0.93 - 2.0	2.5/29.0	59713
2005 NM ₆₀	2009 12 28.8	06 31.04 +21 45.8 19.3	-1.19 + 3.7	0.6/29.0	40135
2003 WM ₁₀₁	2009 12 28.8	06 31.04 +30 10.0 19.2	-1.02 + 5.9	2.1/28.2	66165

2007 EL ₇₉	2009 12 28.8	06 31.05 +34 32.2 19.6	-1.26 + 0.4	5.0/28.4	58565	2007 GS ₂₄	2009 12 29.0	06 31.63 +28 58.1 20.0	-1.09 + 3.0	1.9/28.6	46530
2003 SV ₁₀₈	2009 12 28.8	06 31.07 +36 24.7 19.2	-1.07 - 0.6	4.2/28.5	47258	2006 DR ₂₄	2009 12 29.0	06 31.65 +28 05.0 20.7	-1.03 + 0.5	1.7/28.8	47390
2007 EO ₁₃₁	2009 12 28.8	06 31.07 +24 56.5 21.4	-1.15 + 0.9	0.6/28.8	55313	2006 DL ₂₂	2009 12 29.0	06 31.65 +16 28.4 21.2	-0.90 + 1.6	2.0/29.4	46410
2005 UJ ₂₆	2009 12 28.8	06 31.07 +32 24.3 19.6	-1.19 + 2.9	4.3/28.3	19209	2001 SX ₆₁	2009 12 29.0	06 31.66 +32 37.4 18.9	-1.23 + 1.6	3.7/28.6	62318
2006 DK ₁₁	2009 12 28.8	06 31.08 +46 55.2 18.9	-1.32 - 1.2	9.8/28.2	62480	2000 QY ₁₅	2009 12 29.0	06 31.66 +17 24.7 19.8	-1.05 + 2.4	2.2/29.4	97381
2005 TL ₁₈	2009 12 28.8	06 31.08 +25 57.1 20.4	-1.22 + 1.7	1.0/28.7	58513	2006 BD ₁₃₀	2009 12 29.0	06 31.70 +19 23.5 21.1	-0.95 + 1.0	1.2/29.2	02278
2002 TO ₁₂₈	2009 12 28.8	06 31.10 +19 02.2 18.6	-1.21 - 1.7	1.9/28.9	40108	2000 UN ₁₀₉	2009 12 29.0	06 31.71 +00 58.2 18.8	-0.97 0.0	9.6/30.4	59659
2002 FD ₂₀	2009 12 28.8	06 31.10 +17 57.6 19.5	-1.03 + 4.2	2.1/29.3	62345	2001 VB ₅₉	2009 12 29.0	06 31.71 +39 49.1 18.2	-1.20 + 3.7	8.2/27.6	97504
2005 CW ₅₈	2009 12 28.8	06 31.12 +21 02.2 19.0	-0.91 + 1.5	0.8/29.0	47341	2004 PN ₄₈	2009 12 29.0	06 31.72 +23 11.6 21.0	-1.11 - 0.1	0.0/29.0	73017
2003 SO ₅₁	2009 12 28.8	06 31.13 +37 49.7 20.1	-1.09 + 1.8	4.7/28.1	46037	1999 RN ₂₃₈	2009 12 29.0	06 31.76 +15 47.6 20.0	-1.00 - 2.2	2.5/29.2	41751
2000 EJ ₃₆	2009 12 28.8	06 31.13 +27 23.9 19.7	-1.24 + 4.0	1.7/28.6	20733	2001 QA ₂₆₇	2009 12 29.0	06 31.77 +14 53.0 20.9	-1.10 + 1.1	3.1/29.4	58410
2007 CH ₂₈	2009 12 28.8	06 31.13 +25 18.1 20.8	-1.23 + 0.1	0.9/28.8	55303	2000 QS ₂₂₄	2009 12 29.0	06 31.78 +17 31.0 18.6	-1.09 - 3.0	2.1/29.1	66094
2008 RG ₁₁₀	2009 12 28.8	06 31.13 +40 58.7 20.9	-1.22 + 0.5	5.5/28.2	49043	2006 HF ₆₆	2009 12 29.0	06 31.78 +28 24.2 21.3	-0.92 + 1.8	1.5/28.7	53497
2001 JO ₁₀	2009 12 28.8	06 31.13 +15 14.4 20.8	-1.12 - 0.4	2.8/29.1	43120	2006 GV ₃₀	2009 12 29.0	06 31.78 +20 02.3 20.5	-0.88 + 1.3	1.0/29.2	47404
2001 UJ ₂₈	2009 12 28.8	06 31.22 +28 20.0 19.5	-1.15 + 2.3	2.3/28.6	97489	1998 SP ₁₁₀	2009 12 29.0	06 31.79 +11 39.7 19.2	-1.09 - 0.3	5.1/29.5	97340
2007 JR ₃₉	2009 12 28.8	06 31.23 +34 06.3 20.7	-1.32 + 2.4	4.4/28.2	56090	2006 BE ₁₆₅	2009 12 29.0	06 31.80 +20 11.1 19.9	-0.97 + 1.2	1.1/29.2	47383
2001 OV ₆₅	2009 12 28.8	06 31.25 +35 56.7 19.3	-1.37 - 2.9	4.8/29.0	62314	2008 TU ₇₃	2009 12 29.0	06 31.82 +13 54.3 20.9	-0.81 - 0.3	2.4/29.4	49083
2005 QN ₉	2009 12 28.8	06 31.26 +31 44.7 19.4	-1.29 + 0.3	3.6/28.6	18115	2007 FO ₃₂	2009 12 29.0	06 31.82 +29 34.9 20.2	-1.09 + 2.0	2.2/28.7	59792
2008 TS ₁	2009 12 28.8	06 31.29 +50 47.2 20.0	-1.39 - 4.4	8.4/29.5	46910	2001 YY ₁₀₅	2009 12 29.0	06 31.82 +18 53.0 19.1	-1.11 + 5.0	1.6/29.4	40101
2001 HS ₈	2009 12 28.9	06 31.16 -06 07.7 20.3	-0.97 - 2.7	8.8/28.3	62314	2008 RH ₅	2009 12 29.0	06 31.83 +20 40.1 20.5	-0.88 + 1.2	0.8/29.2	50159
2004 RY ₂₅₀	2009 12 28.9	06 31.17 +12 13.9 19.1	-1.03 - 4.6	4.4/28.8	73162	2006 EO ₅₆	2009 12 29.0	06 31.84 +03 17.8 19.1	-0.90 + 1.4	8.2/30.1	47400
2004 RV ₁₁₂	2009 12 28.9	06 31.19 +36 10.5 19.5	-1.26 - 4.2	4.7/29.1	62398	2005 YS ₁₉₉	2009 12 29.0	06 31.89 +30 52.0 18.9	-1.17 - 3.2	2.9/29.0	47371
2005 GW ₂₃	2009 12 28.9	06 31.19 +51 48.9 19.4	-1.41 - 4.7	10.1/29.6	66197	2006 BA ₁₀₁	2009 12 29.0	06 31.90 +30 08.6 19.7	-1.08 0.0	3.2/28.8	20486
2001 RH ₃	2009 12 28.9	06 31.19 +29 47.5 19.3	-1.25 - 4.4	2.9/29.0	97456	2003 BJ ₁₁	2009 12 29.0	06 31.91 +23 38.2 19.0	-1.13 + 1.9	0.2/29.0	43167
2001 LU ₅	2009 12 28.9	06 31.21 +24 38.6 22.0	-1.26 - 3.4	0.5/28.9	62325	2005 QB ₄₂	2009 12 29.0	06 31.92 +23 53.9 19.7	-1.21 - 0.3	0.3/29.0	17545
2002 CQ ₄	2009 12 28.9	06 31.22 +14 20.1 19.3	-1.01 + 8.2	3.9/30.0	20759	2007 JK ₉	2009 12 29.0	06 31.93 +17 55.0 20.1	-1.03 + 2.2	1.9/29.4	58567
2006 HX ₃₂	2009 12 28.9	06 31.27 +12 45.7 20.6	-0.82 - 0.2	2.9/29.3	49003	2005 UK ₈₇	2009 12 29.0	06 31.93 +20 21.5 20.0	-1.12 + 1.3	1.2/29.2	19660
2000 TV ₃₄	2009 12 28.9	06 31.29 +09 48.9 19.6	-0.99 + 1.5	5.3/29.7	70274	1997 CR ₃	2009 12 29.0	06 31.94 +44 06.0 19.8	-1.30 - 2.2	9.0/28.6	43093
2008 SJ ₁₆₆	2009 12 28.9	06 31.35 +49 09.6 19.9	-1.22 + 2.1	7.8/27.2	62542	2007 LN ₂₁	2009 12 29.0	06 31.95 +13 26.7 21.3	-0.95 + 1.0	3.4/29.5	57128
2002 RG ₃₀	2009 12 28.9	06 31.42 +24 46.5 21.7	-1.27 - 0.5	0.6/28.9	50636	2002 PR ₁₃₅	2009 12 29.0	06 31.95 +03 52.1 20.6	-0.80 + 2.9	5.1/30.6	45960
2005 GR ₇	2009 12 28.9	06 31.43 +42 19.1 19.4	-1.30 +11.0	7.2/25.8	77042	2005 UE ₄₃₀	2009 12 29.0	06 31.95 +23 06.9 20.2	-1.15 - 0.2	0.0/29.1	66227
1998 WA ₃₀	2009 12 28.9	06 31.44 +11 44.2 20.7	-0.90 - 1.7	3.9/29.2	56838	2000 RB ₁₀₀	2009 12 29.0	06 31.99 +16 29.7 19.7	-1.06 - 2.7	2.3/29.1	47149
2005 YO ₂₀₄	2009 12 28.9	06 31.45 +28 12.9 20.1	-1.14 - 3.3	2.0/29.0	41234	2005 UX ₂₇₈	2009 12 29.0	06 32.00 +20 28.3 19.9	-1.09 + 1.1	1.3/29.2	20424
2005 BP ₂₃	2009 12 28.9	06 31.46 +19 04.8 18.6	-0.90 + 3.4	1.5/29.3	47339	2005 YH ₂₂₉	2009 12 29.0	06 32.00 +08 08.8 20.9	-0.93 + 3.8	4.9/30.2	09484
2002 UB ₅₂	2009 12 28.9	06 31.47 +17 30.7 20.2	-0.88 - 1.3	1.7/29.1	47237	2002 AB ₁₂₈	2009 12 29.0	06 32.02 +11 02.4 18.7	-0.96 + 6.0	5.5/30.4	20758
2007 EB ₁₉₈	2009 12 28.9	06 31.48 +21 46.4 21.0	-1.10 + 0.2	0.5/29.0	47425	2007 GQ ₁₈	2009 12 29.0	06 32.02 +21 23.1 21.3	-1.02 + 0.4	0.6/29.2	55320
2007 GB ₆₅	2009 12 28.9	06 31.52 +40 41.8 21.1	-1.22 + 2.3	5.7/27.9	58088	2004 SZ ₄₃	2009 12 29.0	06 32.03 +20 10.3 18.4	-1.00 - 1.0	1.3/29.2	43213
2004 TR ₃₀₀	2009 12 28.9	06 31.54 +27 39.9 19.1	-1.07 - 1.7	1.6/28.9	60817	2002 PS ₁₆₇	2009 12 29.0	06 32.03 +11 53.9 19.8	-0.84 + 2.7	3.4/29.9	47222
2004 RP ₁₁	2009 12 28.9	06 31.55 +25 52.8 21.4	-1.09 0.0	0.9/28.9	47301	2005 YN ₂₉	2009 12 29.0	06 32.07 +24 27.1 19.8	-1.08 + 2.0	0.5/29.0	26112
2005 QA ₁₈₇	2009 12 28.9	06 31.56 +18 22.3 20.0	-1.11 + 1.7	2.3/29.2	39764	2005 QX ₄₇	2009 12 29.0	06 32.12 +14 07.1 20.4	-1.13 + 4.0	3.8/29.8	87730
2008 SW ₆₄	2009 12 28.9	06 31.56 +17 35.3 21.5	-0.83 + 0.7	1.6/29.2	50245	2002 RW ₁₁₂	2009 12 29.0	06 32.14 +36 29.6 21.3	-1.02 - 2.3	3.5/29.0	75576
2006 HJ ₅₄	2009 12 28.9	06 31.59 +13 05.2 20.6	-0.84 - 0.4	2.9/29.3	49004	2005 WM ₁₇₈	2009 12 29.0	06 32.15 +24 24.4 17.8	-1.16 - 7.3	0.5/29.1	66236
2005 EB ₁₅₃	2009 12 28.9	06 31.60 +22 23.9 18.6	-0.99 + 8.3	0.3/29.1	76918	2008 KU ₂₉	2009 12 29.1	06 32.06 +22 05.4 20.8	-1.17 + 3.4	0.4/29.2	41686
2003 UA ₁₅₄	2009 12 28.9	06 31.61 +12 11.2 19.7	-0.87 - 0.6	3.4/29.3	48909	2007 PZ ₁₃	2009 12 29.1	06 32.07 +11 09.3 20.4	-0.81 + 3.4	3.0/30.0	60893
2003 UC ₂₉	2009 12 28.9	06 31.62 +03 39.5 18.7	-0.85 - 3.1	7.6/29.1	47268	2003 WJ ₅	2009 12 29.1	06 32.08 +22 00.9 19.8	-0.91 + 1.4	0.4/29.2	47277
2007 DW ₆₄	2009 12 28.9	06 31.62 +26 15.1 22.2	-1.19 + 0.5	1.1/28.9	41320	2003 SF ₂₄₄	2009 12 29.1	06 32.13 +20 10.3 20.9	-0.93 + 0.8	1.0/29.3	56909
2007 GU ₃₉	2009 12 28.9	06 31.63 +26 37.1 20.6	-1.15 + 1.8	1.3/28.8	58566	2004 TN ₃₅₇	2009 12 29.1	06 32.14 +40 18.8 20.7	-1.20 + 1.9	5.5/28.1	47323
2005 TU ₂₇	2009 12 28.9	06 31.67 +18 24.3 19.7	-1.09 + 2.3	2.1/29.3	18131	2005 SY ₈₂	2009 12 29.1	06 32.19 +33 14.9 21.1	-1.30 + 0.3	4.0/28.8	97820
2007 ES ₈₀	2009 12 28.9	06 31.68 +13 18.2 20.4	-1.11 + 2.3	3.9/29.6	21878	2002 PD ₃₅	2009 12 29.1	06 32.20 +36 49.5 19.9	-1.05 - 2.0	3.9/29.0	62350
2003 WY ₁₄₈	2009 12 28.9	06 31.70 +42 13.4 19.9	-1.07 + 1.9	4.9/27.9	62380	2002 CR ₁₉₂	2009 12 29.1	06 32.21 +21 37.0 19.6	-1.03 + 3.3	0.7/29.2	17996
2005 QJ ₁₆₇	2009 12 28.9	06 31.72 +21 48.3 20.2	-1.20 - 1.2	0.6/29.0	90239	2005 SJ ₂₈₄	2009 12 29.1	06 32.21 +25 16.3 22.7	-1.26 + 1.8	0.8/29.0	24473

2008 SP ₄₅	2009 12 29.1	06 32.24 +08 46.7 19.6	-0.88 - 0.2	4.9/29.6	50233
2006 DU ₈₈	2009 12 29.1	06 32.24 +26 41.2 20.8	-0.92 + 0.7	1.0/29.0	46418
2004 GC ₃₃	2009 12 29.1	06 32.28 +31 14.5 21.0	-1.25 + 0.8	2.9/28.8	60802
2006 GY ₂₅	2009 12 29.1	06 32.31 +07 26.1 20.7	-0.86 0.0	5.2/29.7	53491
1996 LU	2009 12 29.1	06 32.32 +21 25.5 19.7	-1.14 + 6.7	0.7/29.3	43092
2005 AY ₇₆	2009 12 29.1	06 32.34 +22 23.2 19.7	-0.92 + 3.1	0.3/29.2	02240
2008 RT ₁₁₇	2009 12 29.1	06 32.36 +10 16.9 20.4	-0.85 - 0.7	4.1/29.6	46707
2004 FY ₁₄₃	2009 12 29.1	06 32.37 +14 42.9 21.9	-1.09 + 0.8	2.8/29.5	47292
2005 UM ₄₇₂	2009 12 29.1	06 32.37 +11 50.1 20.2	-1.07 - 2.1	4.9/29.4	11146
2000 ET ₉₈	2009 12 29.1	06 32.40 +20 00.5 21.3	-1.16 + 0.8	1.4/29.3	22375
2004 HP ₅₀	2009 12 29.1	06 32.40 +17 21.9 19.4	-1.15 + 4.6	2.4/29.6	18071
2001 YB ₁₂₁	2009 12 29.1	06 32.42 +11 11.2 17.4	-0.97 +10.6	5.8/30.9	20756
2003 BK ₁₄	2009 12 29.1	06 32.43 +19 23.9 19.3	-1.11 - 1.9	1.8/29.2	18037
2003 UR ₆₂	2009 12 29.1	06 32.46 +04 06.7 19.5	-0.86 + 2.6	6.5/30.7	47269
2001 TD ₂₆₀	2009 12 29.1	06 32.49 +28 12.3 21.2	-1.18 + 2.0	1.8/28.9	59385
2006 HT ₆₀	2009 12 29.1	06 32.49 +08 10.8 20.4	-0.82 + 1.4	4.3/30.0	49005
2002 OU ₇	2009 12 29.1	06 32.51 +22 41.1 22.2	-1.25 - 0.8	0.2/29.2	74193
2005 TE ₁₀₂	2009 12 29.1	06 32.52 +22 50.3 19.8	-1.04 - 0.8	0.2/29.2	97860
2004 PZ ₇₅	2009 12 29.1	06 32.52 -02 49.3 20.3	-1.04 + 5.0	8.8/31.5	47299
1998 UA ₄₅	2009 12 29.1	06 32.52 +31 27.6 21.3	-1.26 + 0.9	3.1/28.8	10697
2003 SA ₉₄	2009 12 29.1	06 32.54 +49 44.0 19.8	-1.31 + 0.3	8.9/28.4	62376
1994 NF	2009 12 29.1	06 32.55 +15 51.7 22.3	-0.93 + 0.2	2.0/29.5	21290
2007 BJ ₆₉	2009 12 29.1	06 32.57 +32 07.5 19.1	-1.28 - 2.2	4.4/29.1	22872
2004 RR ₂₃₅	2009 12 29.1	06 32.57 +20 41.3 20.9	-1.09 + 1.7	0.9/29.3	47309
2002 GU ₈₂	2009 12 29.1	06 32.59 +41 09.5 19.2	-1.25 + 5.5	7.3/27.3	02094
2003 AL ₂₈	2009 12 29.1	06 32.59 +16 39.8 19.2	-1.10 + 3.6	2.8/29.7	60781
2002 VT ₃	2009 12 29.2	06 32.51 +28 10.0 19.2	-1.27 - 0.2	2.4/29.1	41845
2002 TS ₅₀	2009 12 29.2	06 32.55 +03 53.6 18.7	-0.81 - 2.8	6.7/29.4	48880
2008 SA ₁₅₃	2009 12 29.2	06 32.56 +19 32.6 21.1	-1.01 + 1.1	1.2/29.4	49060
2005 QZ ₁₇₄	2009 12 29.2	06 32.60 +18 21.7 19.6	-1.11 + 1.2	2.3/29.5	17551
2003 UU ₂₃₈	2009 12 29.2	06 32.62 +16 08.2 19.8	-0.90 0.0	2.6/29.5	48910
2006 JZ ₅₁	2009 12 29.2	06 32.63 +02 47.2 20.7	-0.80 + 1.0	6.4/30.3	60461
2004 GJ ₆₃	2009 12 29.2	06 32.65 +31 51.1 21.7	-1.23 + 1.2	3.0/28.8	60367
2005 QY ₇₉	2009 12 29.2	06 32.65 +26 27.1 19.8	-1.27 - 3.7	1.4/29.2	18117
2002 RK ₂₀₀	2009 12 29.2	06 32.69 +17 51.0 20.4	-1.23 - 0.9	2.4/29.4	57893
1999 TY ₂₂₂	2009 12 29.2	06 32.70 +19 29.0 21.5	-1.02 - 0.4	1.2/29.4	2670
2005 QA ₁₄₅	2009 12 29.2	06 32.73 +32 03.1 20.0	-1.30 + 1.8	3.5/28.8	97800
2002 CB ₂₃₄	2009 12 29.2	06 32.74 +26 48.5 18.9	-1.13 + 5.3	1.3/28.9	66128
2005 AH ₈₀	2009 12 29.2	06 32.75 +17 46.2 20.4	-0.90 + 4.0	1.8/29.7	89620
2001 TD ₁₄₉	2009 12 29.2	06 32.76 +23 17.5 18.4	-1.13 + 2.9	0.0/29.2	97484
2008 QT ₄₁	2009 12 29.2	06 32.76 +07 05.6 21.7	-0.84 + 0.8	5.0/30.1	58610
2003 OY ₃₁	2009 12 29.2	06 32.78 +38 33.2 19.2	-1.75 - 8.7	7.2/30.0	62373
2002 BO ₁₈	2009 12 29.2	06 32.79 -03 41.8 18.7	-1.02 +17.8	12.5/04.7	62339
2007 JR ₁₀	2009 12 29.2	06 32.84 +20 07.0 21.3	-0.99 + 0.2	1.0/29.4	59794
2004 PV ₃₈	2009 12 29.2	06 32.84 +08 41.2 18.5	-0.94 + 2.2	6.6/30.3	66175
2007 GO ₄₂	2009 12 29.2	06 32.84 +22 06.4 20.7	-1.07 + 0.7	0.4/29.3	47428
2006 HW ₃₁	2009 12 29.2	06 32.86 +11 26.7 20.5	-0.82 + 0.3	3.4/29.8	51033
2001 DO ₃₄	2009 12 29.2	06 32.88 +05 42.3 18.9	-0.94 + 5.9	6.7/31.0	02029
2006 BD ₂₂₅	2009 12 29.2	06 32.91 +13 38.1 20.2	-0.95 + 2.1	3.5/29.9	47384
2005 SU ₄₀	2009 12 29.2	06 32.95 +28 01.5 20.5	-1.25 + 1.0	2.0/29.1	97814
2008 SJ ₉₁	2009 12 29.2	06 32.96 +36 14.6 20.3	-1.01 + 0.7	3.8/28.7	50259

2005 UT ₁	2009 12 29.2	06 32.97 +13 18.3 19.7	-1.04 - 0.9	4.7/29.5	58514
1992 RN ₅	2009 12 29.2	06 32.97 +30 40.2 19.9	-1.18 + 0.9	2.7/29.0	64143
2001 XH ₂₁₅	2009 12 29.2	06 32.98 +43 32.3 18.9	-1.66 -12.2	8.4/31.1	66120
2006 DA ₂₁₅	2009 12 29.2	06 33.00 +08 34.6 20.2	-0.84 + 0.6	4.4/30.0	48997
2008 SB ₇₈	2009 12 29.3	06 32.94 +05 48.6 20.1	-0.83 + 0.6	5.6/30.2	49051
2003 WC ₁₈₇	2009 12 29.3	06 32.94 +16 35.1 20.8	-0.89 + 0.3	2.4/29.6	56927
2008 RL ₄₄	2009 12 29.3	06 32.98 +25 36.3 21.4	-1.00 + 0.8	0.8/29.2	50176
2003 UW ₄₁₄	2009 12 29.3	06 33.02 +36 05.1 20.1	-1.03 - 0.2	4.1/28.9	48912
2004 TL ₂₇₉	2009 12 29.3	06 33.02 +16 53.2 19.4	-0.99 - 0.3	2.4/29.5	20366
2008 TC ₇₆	2009 12 29.3	06 33.04 +38 49.8 20.3	-1.06 + 1.1	5.1/28.5	49084
2002 DE ₁₄	2009 12 29.3	06 33.04 +40 23.5 19.6	-1.24 - 1.2	5.7/29.0	62343
2005 UV ₄₁₈	2009 12 29.3	06 33.12 +11 59.8 20.1	-1.07 + 0.2	4.8/29.8	21847
2008 SC ₃₉	2009 12 29.3	06 33.12 +35 35.0 20.3	-1.04 + 1.4	3.8/28.6	52508
2004 MK ₈	2009 12 29.3	06 33.13 +27 38.5 21.6	-1.14 - 0.5	1.5/29.2	58003
2008 RY ₆₈	2009 12 29.3	06 33.14 +12 24.3 21.0	-0.88 0.0	3.4/29.8	58923
2003 WP ₁₃₄	2009 12 29.3	06 33.17 +26 24.1 18.9	-0.92 + 1.7	1.2/29.2	50968
2003 WC ₁₂₉	2009 12 29.3	06 33.20 +39 14.7 19.3	-1.06 + 3.5	5.1/28.0	50968
2007 HQ ₇₉	2009 12 29.3	06 33.20 +09 59.1 20.3	-0.94 + 3.2	4.2/30.3	22890
2006 KM ₁₀₅	2009 12 29.3	06 33.22 +10 16.5 21.2	-0.94 0.0	4.6/29.8	60863
2008 RM ₃₅	2009 12 29.3	06 33.23 +14 40.0 18.9	-0.75 + 0.7	2.8/29.8	51071
2001 QV ₁₄₅	2009 12 29.3	06 33.25 +23 03.7 20.9	-1.16 + 0.8	0.1/29.4	66103
2005 TP ₁₅₉	2009 12 29.3	06 33.27 +17 23.8 18.8	-1.11 - 1.8	2.7/29.5	20818
2005 YC ₇₁	2009 12 29.3	06 33.28 +22 42.7 20.2	-0.99 - 3.5	0.3/29.4	98044
2004 TQ ₁₃₈	2009 12 29.3	06 33.28 +00 07.7 18.9	-0.95 - 3.4	9.4/29.6	09078
2003 YJ ₃₁	2009 12 29.3	06 33.30 +35 05.0 19.0	-1.05 + 6.2	3.6/28.1	47284
2001 QP ₁₆₀	2009 12 29.3	06 33.31 +24 07.6 20.7	-1.18 + 0.4	0.3/29.3	16158
2007 FJ ₁₉	2009 12 29.3	06 33.33 +14 21.2 21.0	-1.03 + 1.1	3.1/29.8	47425
2001 QG ₁₄₄	2009 12 29.3	06 33.36 +21 06.6 21.9	-1.13 + 1.2	0.8/29.5	97450
2004 JO ₅₀	2009 12 29.3	06 33.37 +33 01.5 19.2	-1.27 + 3.4	4.3/28.7	64220
2008 TM ₁₁₀	2009 12 29.3	06 33.41 +07 15.4 20.4	-0.82 + 1.7	4.8/30.4	57174
2008 UO ₁₃	2009 12 29.3	06 33.42 -19 40.1 20.7	-0.90 - 0.5	12.6/31.4	53688
2004 PN ₁	2009 12 29.3	06 33.42 +35 25.6 18.5	-1.46 -10.7	5.0/30.4	66174
2005 YP ₁₇₂	2009 12 29.3	06 33.43 +46 03.3 18.4	-1.33 + 2.0	10.0/28.0	66244
2006 KC ₁₁₄	2009 12 29.3	06 33.44 +23 17.4 20.5	-0.85 + 3.2	0.0/29.4	02373
2006 BH ₂₇₅	2009 12 29.3	06 33.45 +31 04.8 21.3	-1.10 + 0.4	2.8/29.1	65516
2005 XB ₁₉	2009 12 29.3	06 33.45 -00 12.2 17.6	-1.23 +28.8	11.0/05.2	96608
2001 SL ₇₆	2009 12 29.3	06 33.48 +10 53.9 20.0	-1.05 + 1.0	5.6/30.1	19543
2004 QK ₅	2009 12 29.3	06 33.50 +46 19.5 19.9	-1.41 - 0.7	8.6/29.1	70392
2007 GC ₃₉	2009 12 29.4	06 33.38 +19 37.0 21.4	-1.11 + 1.1	1.4/29.6	41871
2005 YZ ₉₂	2009 12 29.4	06 33.41 +20 42.2 21.1	-1.03 + 1.8	1.1/29.5	96756
2002 RQ ₂₃₄	2009 12 29.4	06 33.43 +36 39.0 20.6	-1.02 - 0.4	4.0/29.0	47230
2005 QG ₃₈	2009 12 29.4	06 33.44 +18 57.8 20.6	-1.17 + 1.2	1.6/29.6	40137
2001 QF ₃₃	2009 12 29.4	06 33.46 +34 00.1 20.0	-1.26 - 0.1	4.5/29.1	19537
1996 AZ ₁₃	2009 12 29.4	06 33.47 +34 04.4 20.1	-1.25 + 0.3	4.9/29.0	19509
2005 SU ₂₃₆	2009 12 29.4	06 33.47 +22 09.7 20.9	-1.17 + 0.1	0.4/29.5	17578
2005 VM ₈	2009 12 29.4	06 33.55 +19 18.2 21.4	-1.12 + 1.2	1.6/29.6	26091
1999 VH ₁₃₇	2009 12 29.4	06 33.57 +16 55.1 20.0	-1.19 - 1.0	2.6/29.6	87360
2008 JM ₃₅	2009 12 29.4	06 33.57 +59 37.2 20.7	-2.35 - 1.8	15.5/28.7	40049
2004 RZ ₃	2009 12 29.4	06 33.58 +22 12.4 20.7	-1.06 + 3.0	0.4/29.5	43206
2003 US ₂₂₇	2009 12 29.4	06 33.58 +13 41.1 20.4	-0.87 - 0.9	2.7/29.7	48910
2003 SR ₃₂₁	2009 12 29.4	06 33.59 +25 20.0 20.7	-0.97 + 1.2	0.7/29.3	47265

1995 SL ₆₂	2009 12 29.4	06 33.60 +37 23.6 20.5	-0.96 + 1.0	4.1/28.7	50878
2002 QP ₈₇	2009 12 29.4	06 33.62 +21 12.8 21.3	-0.88 + 1.0	0.6/29.6	56881
2005 WX ₆₁	2009 12 29.4	06 33.64 +25 17.2 21.2	-1.13 + 0.4	0.7/29.4	47361
2003 SC ₈₅	2009 12 29.4	06 33.66 -11 12.0 19.4	-1.19 - 6.1	17.2/28.9	60788
2002 CX ₁₆	2009 12 29.4	06 33.66 +33 32.7 18.1	-1.10 - 4.6	5.5/29.7	64179
2000 TW ₄₉	2009 12 29.4	06 33.67 +40 39.5 20.7	-1.30 + 1.3	5.8/28.7	87406
2002 JR ₁₆	2009 12 29.4	06 33.67 +18 13.8 20.3	-0.95 + 2.7	1.5/29.8	47215
2000 SV ₁₃₅	2009 12 29.4	06 33.72 +44 37.7 19.2	-1.38 - 3.2	8.2/29.6	62308
2003 RP ₂₄	2009 12 29.4	06 33.72 +24 11.3 18.7	-1.00 - 2.2	0.3/29.4	47255
2001 US ₃₄	2009 12 29.4	06 33.75 +21 33.0 19.2	-1.12 + 3.8	0.6/29.6	62324
2004 TX ₅₄	2009 12 29.4	06 33.76 +31 37.3 19.7	-1.09 + 2.1	3.1/29.0	47316
2008 NA ₂	2009 12 29.4	06 33.77 +26 13.5 20.9	-1.21 - 0.6	1.1/29.4	47446
2005 SP ₂₀₉	2009 12 29.4	06 33.78 +21 17.2 19.3	-1.18 - 1.4	0.8/29.5	97837
2002 UK ₆₁	2009 12 29.4	06 33.85 +02 24.6 20.8	-0.80 - 0.3	5.6/30.3	47237
2005 YG ₂₀₇	2009 12 29.4	06 33.87 +21 40.6 20.9	-1.02 + 0.8	0.5/29.6	58523
2006 DJ ₁₇₃	2009 12 29.4	06 33.87 +11 27.3 20.4	-0.87 + 2.0	3.6/30.2	55219
2007 HZ ₈₃	2009 12 29.4	06 33.88 +22 52.9 20.5	-1.15 + 0.3	0.1/29.5	66285
2007 EO ₂₅	2009 12 29.4	06 33.93 +27 09.1 20.7	-1.20 + 1.0	1.6/29.3	47421
2001 UO ₁₉₅	2009 12 29.5	06 33.82 +21 56.0 20.6	-1.13 + 0.9	0.5/29.6	00082
2005 VM ₁₂₄	2009 12 29.5	06 33.82 +30 18.1 20.5	-1.22 + 3.9	2.6/29.0	09449
2008 XF ₁	2009 12 29.5	06 33.82 +54 47.2 20.6	-1.39 + 3.2	8.8/27.3	51117
2002 OH ₂	2009 12 29.5	06 33.83 +18 48.2 19.2	-0.89 - 1.8	1.3/29.6	48870
2006 KT ₁₄	2009 12 29.5	06 33.84 +21 08.8 20.7	-0.89 + 0.8	0.6/29.6	52457
2007 EN ₂₀₀	2009 12 29.5	06 33.86 +18 17.5 19.4	-1.08 + 2.2	2.5/29.8	58565
2004 TH ₂₄₃	2009 12 29.5	06 33.86 +07 08.8 19.3	-0.99 - 2.0	6.0/29.9	40690
2003 WD ₃₁	2009 12 29.5	06 33.89 +16 54.8 19.0	-0.91 - 1.7	2.2/29.7	47278
2006 FE ₃₈	2009 12 29.5	06 33.91 +36 37.0 20.5	-1.02 + 1.1	3.9/28.8	47402
2005 SQ ₁₃₅	2009 12 29.5	06 33.91 +19 07.6 22.0	-1.16 + 1.4	1.6/29.7	21833
2004 RB ₁₅₆	2009 12 29.5	06 33.96 +23 35.2 20.5	-1.07 - 0.2	0.1/29.5	66178
2008 RJ ₈₂	2009 12 29.5	06 33.97 +04 00.8 19.8	-0.91 + 1.7	6.9/30.8	49041
2002 NU ₆₀	2009 12 29.5	06 33.98 +14 11.4 20.3	-0.86 + 3.0	2.7/30.2	47218
2008 QC ₈	2009 12 29.5	06 34.01 +19 39.6 21.8	-1.11 + 1.4	1.2/29.7	47453
2002 CP ₂₂₅	2009 12 29.5	06 34.04 +28 29.0 18.5	-1.06 + 3.2	2.5/29.2	60760
2002 PG ₁₆₆	2009 12 29.5	06 34.07 +25 08.8 20.8	-0.90 + 1.0	0.6/29.5	48872
2001 QW ₁₄₈	2009 12 29.5	06 34.12 +27 16.7 19.7	-1.22 + 1.0	1.7/29.4	66103
2007 GK ₇₃	2009 12 29.5	06 34.13 +31 07.2 20.0	-1.06 + 3.8	2.4/28.9	47429
2006 BX ₁₈₅	2009 12 29.5	06 34.14 +18 08.4 20.5	-0.96 + 1.2	1.7/29.8	47383
2002 QA ₁₁₈	2009 12 29.5	06 34.17 +20 23.7 21.1	-0.88 + 1.2	0.8/29.7	47226
2008 UK ₄	2009 12 29.5	06 34.18 +14 50.3 20.5	-0.88 - 0.5	2.6/29.9	52513
2004 EK ₇₈	2009 12 29.5	06 34.19 +25 32.0 19.9	-1.22 + 2.2	1.0/29.4	18068
2001 QH ₁	2009 12 29.5	06 34.19 -12 18.9 18.7	-0.97 +12.8	16.7/07.7	97446
2005 UA ₁₅₄	2009 12 29.5	06 34.20 +26 22.2 20.2	-1.12 + 1.4	1.5/29.4	09411
2004 NO ₆	2009 12 29.5	06 34.22 +21 03.4 20.9	-1.07 + 3.0	0.7/29.7	70368
2006 DG ₁₄	2009 12 29.5	06 34.22 +15 06.6 19.0	-0.97 + 4.1	3.2/30.2	11159
2005 UM ₄₃	2009 12 29.5	06 34.24 +29 29.6 19.8	-1.21 - 0.3	2.9/29.4	97882
2008 TA ₃₀	2009 12 29.5	06 34.25 +19 57.1 20.1	-0.87 + 0.7	1.0/29.7	51082
2007 EM ₇₂	2009 12 29.5	06 34.26 +27 40.0 21.1	-1.15 + 1.3	1.6/29.3	50030
2005 SV ₂₃₃	2009 12 29.5	06 34.27 +36 40.6 21.4	-1.33 + 1.8	4.8/28.9	97841
2007 JS ₃₆	2009 12 29.5	06 34.31 +28 07.9 21.5	-1.21 + 1.5	2.0/29.3	20888
2005 UK ₆₇	2009 12 29.5	06 34.33 +20 55.6 20.0	-1.14 + 1.4	1.0/29.7	97888
2006 BR ₂₅₁	2009 12 29.5	06 34.34 +25 19.4 21.1	-1.00 + 0.3	0.7/29.5	47385

2008 TX ₂₇	2009 12 29.5	06 34.36 +36 48.1 19.8	-1.22 - 1.4	5.7/29.2	46926
2001 RO ₃₀	2009 12 29.5	06 34.37 +14 34.0 21.0	-1.11 + 2.5	3.2/30.2	39709
2001 RZ ₃₅	2009 12 29.5	06 34.37 +29 26.2 20.0	-1.22 - 1.1	2.4/29.4	60293
2001 RN ₄₇	2009 12 29.5	06 34.50 +64 57.7 19.5	-2.63 - 3.0	21.2/31.4	20952
2000 YD ₅₉	2009 12 29.6	06 34.26 +23 51.8 18.4	-1.00 + 3.3	0.3/29.6	00004
2002 RT ₂₅₀	2009 12 29.6	06 34.27 +26 36.4 19.5	-0.95 - 1.7	1.1/29.5	47230
2008 QN ₅	2009 12 29.6	06 34.30 +36 28.4 20.1	-1.02 + 0.4	4.1/29.0	46608
2004 YL ₂₀	2009 12 29.6	06 34.31 +20 51.1 18.3	-0.93 + 3.1	0.9/29.8	47335
2002 RD ₂₄₉	2009 12 29.6	06 34.32 +19 47.5 21.6	-0.85 + 0.9	0.9/29.8	47230
2008 RM ₇₄	2009 12 29.6	06 34.35 +23 05.5 20.5	-0.93 + 1.3	0.0/29.6	46677
2002 BS ₂₂	2009 12 29.6	06 34.35 +42 11.8 18.6	-1.36 - 0.1	7.1/29.1	66125
2008 QO ₃₉	2009 12 29.6	06 34.36 +02 50.5 20.5	-0.89 + 0.8	6.8/30.7	49037
2000 KO ₇₉	2009 12 29.6	06 34.37 +16 23.9 20.9	-1.04 + 2.4	2.2/30.0	47146
2008 SA ₇₈	2009 12 29.6	06 34.38 +29 38.3 21.0	-1.05 + 0.4	2.1/29.3	52508
2001 SL ₁₁₇	2009 12 29.6	06 34.41 +17 59.9 21.5	-1.11 0.0	1.9/29.8	97467
2005 UG ₃₉₇	2009 12 29.6	06 34.42 +27 42.9 20.1	-1.23 + 3.3	1.9/29.3	40697
2001 FM ₁₈₄	2009 12 29.6	06 34.44 +38 31.9 19.4	-1.11 - 0.1	4.9/29.0	62314
2000 SA ₃₁₃	2009 12 29.6	06 34.44 +15 56.9 19.5	-1.08 - 2.2	2.6/29.8	74033
2003 WF ₁₉₂	2009 12 29.6	06 34.44 +27 53.6 20.4	-0.95 - 0.5	1.7/29.5	47282
1998 DD ₂₇	2009 12 29.6	06 34.44 +37 26.1 20.3	-1.22 - 0.2	5.8/29.1	47130
2008 QV ₂₀	2009 12 29.6	06 34.45 +03 58.7 20.0	-0.90 + 1.0	6.4/30.8	47455
2004 RR ₁₁₀	2009 12 29.6	06 34.50 -10 04.0 21.8	-0.95 - 1.0	9.1/31.4	46166
2005 QT ₁₇₃	2009 12 29.6	06 34.51 +19 53.9 20.7	-1.19 + 1.1	1.4/29.8	97802
2002 TY ₁₉₅	2009 12 29.6	06 34.51 +33 37.8 18.5	-1.25 + 2.8	5.2/29.0	66141
2006 BT ₁₄₃	2009 12 29.6	06 34.52 +18 11.2 19.3	-1.04 - 2.9	2.0/29.7	47382
2002 PF ₁₆₀	2009 12 29.6	06 34.55 +24 02.4 22.0	-1.27 + 1.9	0.3/29.6	74203
2006 BJ ₉₆	2009 12 29.6	06 34.55 +13 24.0 19.4	-0.93 + 2.5	4.4/30.3	02276
2004 RG ₅₇	2009 12 29.6	06 34.56 +37 29.8 20.1	-1.24 - 2.0	5.3/29.4	47303
2001 SD ₂₉	2009 12 29.6	06 34.62 +21 01.6 19.5	-1.10 + 1.7	1.0/29.8	00050
2005 CY ₅₈	2009 12 29.6	06 34.68 +11 40.7 19.4	-0.85 + 1.6	3.7/30.3	60822
2007 HF ₈₉	2009 12 29.6	06 34.71 +14 49.8 20.5	-1.04 + 1.6	3.6/30.1	47432
2006 DN ₁₃₂	2009 12 29.6	06 34.71 +24 17.4 20.0	-0.98 + 2.0	0.4/29.6	66256
2002 XK	2009 12 29.6	06 34.74 +16 58.2 20.0	-1.17 0.0	2.7/29.9	16232
2004 RB ₃₀₄	2009 12 29.6	06 34.74 +19 43.9 21.8	-1.06 - 0.1	1.2/29.8	47310
2003 WK ₁₁	2009 12 29.6	06 34.75 +17 59.8 20.1	-0.93 - 1.6	1.7/29.8	47277
2008 QG ₁	2009 12 29.6	06 34.75 +17 54.5 20.9	-1.00 + 2.0	1.7/30.0	58609
2003 UN ₂₆₆	2009 12 29.6	06 34.76 +29 31.9 20.2	-0.96 + 1.5	1.8/29.3	64212
2006 DJ ₆₈	2009 12 29.6	06 34.77 +42 17.8 19.2	-1.22 + 2.8	6.9/28.2	47393
2008 RH ₄₁	2009 12 29.6	06 34.79 +30 03.4 20.4	-1.06 + 0.7	2.3/29.4	46661
2003 UD ₁₇	2009 12 29.7	06 34.71 +08 54.8 20.5	-0.88 - 0.9	4.8/30.2	57988
2008 SS ₁₆₃	2009 12 29.7	06 34.74 +24 43.3 21.1	-0.91 + 1.1	0.4/29.6	49062
2005 WE ₂₀₉	2009 12 29.7	06 34.77 +27 54.0 21.1	-1.16 + 1.4	1.7/29.5	41834
2006 HH ₈₉	2009 12 29.7	06 34.78 -13 06.4 22.2	-0.78 - 1.3	8.3/30.5	01706
2007 EY ₁₇₅	2009 12 29.7	06 34.79 +03 19.8 21.2	-0.89 + 0.5	5.8/30.8	47424
2005 UA ₅₁₂	2009 12 29.7	06 34.82 +29 04.7 20.1	-1.17 + 2.5	2.2/29.3	47359
2005 YR ₁₇₂	2009 12 29.7	06 34.82 +37 35.0 18.3	-1.22 + 9.9	6.5/27.7	66244
2001 LA ₁₈	2009 12 29.7	06 34.85 +29 16.8 20.4	-1.24 - 1.5	2.2/29.6	40669
2005 QB ₁₈₃	2009 12 29.7	06 34.85 +24 08.7 20.9	-1.23 - 1.1	0.4/29.7	24033
2002 SE ₆₃	2009 12 29.7	06 34.86 +08 28.0 23.0	-0.78 + 2.2	3.5/30.8	21126
2006 BR ₂₄₇	2009 12 29.7	06 34.88 +21 29.1 20.6	-0.99 + 1.8	0.6/29.8	47385
2007 EC ₁₈₁	2009 12 29.7	06 34.88 +42 28.9 21.0	-1.25 + 1.0	6.1/28.7	49018

2007 JX ₂₆	2009 12 29.7	06 34.89 +20 34.7 20.2	-0.97 + 2.5	0.9/29.9	47434
2006 DX ₇₆	2009 12 29.7	06 34.89 +20 59.7 20.3	-0.95 + 1.6	0.7/29.9	46416
2002 JM ₉₉	2009 12 29.7	06 34.98 +08 47.9 19.4	-0.95 + 4.0	5.0/30.9	94779
2008 RN ₄₁	2009 12 29.7	06 34.99 +22 21.3 20.5	-0.93 + 0.9	0.3/29.8	58610
2000 SV ₂₀₄	2009 12 29.7	06 35.00 +16 42.9 21.1	-1.04 + 1.4	2.2/30.1	17921
2006 BW ₁₂₀	2009 12 29.7	06 35.01 +05 25.8 21.4	-0.94 + 3.4	6.5/31.1	02277
2006 BN ₂₆₆	2009 12 29.7	06 35.03 +05 24.9 20.3	-0.88 + 0.2	5.9/30.4	46396
2002 QN ₈₂	2009 12 29.7	06 35.04 +36 04.2 20.6	-1.01 + 0.8	4.0/29.1	56881
2002 US ₂₁	2009 12 29.7	06 35.04 +15 54.5 19.4	-1.12 + 1.1	3.4/30.1	87555
2002 QP ₆₅	2009 12 29.7	06 35.05 +09 05.4 19.1	-0.85 + 2.7	4.7/30.8	77629
2006 BO ₈₀	2009 12 29.7	06 35.06 +34 45.6 20.6	-1.05 + 0.6	3.5/29.2	48988
2008 SD ₂₆₉	2009 12 29.7	06 35.06 +35 11.1 21.2	-1.09 + 3.6	3.2/28.8	50360
2008 UG ₅	2009 12 29.7	06 35.07 +42 48.8 20.1	-1.08 + 3.1	5.4/28.3	62543
2006 HW ₄	2009 12 29.7	06 35.08 +20 08.5 20.1	-0.93 + 1.2	1.0/29.9	47405
2000 KG ₂	2009 12 29.7	06 35.10 +00 43.9 19.6	-1.13 + 7.8	9.0/01.2	20734
2002 QM ₂₉	2009 12 29.7	06 35.11 +11 03.6 20.0	-0.85 + 4.3	3.7/30.9	75492
2005 EM ₁₃₃	2009 12 29.7	06 35.13 +18 03.4 19.4	-0.86 + 3.0	1.5/30.2	58493
2004 PQ ₁₀₁	2009 12 29.7	06 35.14 +37 31.2 19.6	-1.23 - 0.9	5.2/29.5	97724
1998 RZ ₁₃	2009 12 29.7	06 35.14 +16 33.2 21.3	-1.16 + 1.7	2.5/30.2	40083
2008 PT ₂	2009 12 29.7	06 35.14 +31 44.1 20.0	-1.21 - 1.3	2.8/29.6	55496
2002 TC ₃₃₄	2009 12 29.7	06 35.15 +38 02.8 21.4	-1.01 + 1.7	4.3/28.9	49852
2007 HX ₃₁	2009 12 29.7	06 35.16 +11 23.1 21.1	-0.94 - 1.0	3.8/30.2	49020
2005 US ₄₉₇	2009 12 29.7	06 35.20 +09 33.6 19.9	-1.06 + 3.7	6.1/31.0	57432
2005 QV ₄	2009 12 29.7	06 35.25 +24 23.3 18.6	-1.21 - 1.4	0.6/29.8	60830
2001 YH ₁₃₉	2009 12 29.8	06 35.15 +13 55.2 18.6	-0.96 - 1.3	4.5/30.0	94459
2008 RS ₈₇	2009 12 29.8	06 35.20 +04 34.3 19.5	-0.73 - 1.2	5.7/30.4	50187
2005 ST ₉₃	2009 12 29.8	06 35.23 +20 49.2 19.8	-1.17 + 0.8	1.0/29.9	40142
2007 EK ₂	2009 12 29.8	06 35.23 +31 20.2 20.6	-1.20 + 0.1	3.0/29.5	49017
1995 WD ₃₃	2009 12 29.8	06 35.23 +21 58.8 20.6	-1.22 + 2.3	0.5/29.9	39133
2008 SD ₁₀₆	2009 12 29.8	06 35.24 +50 36.8 21.2	-1.23 + 1.9	7.2/28.0	49054
2003 UK ₁₂₆	2009 12 29.8	06 35.25 +34 55.0 20.1	-1.04 - 0.6	3.6/29.4	46077
2007 HB ₇₄	2009 12 29.8	06 35.25 +22 29.0 19.6	-1.03 + 4.3	0.2/29.9	47432
2007 EF ₂₅	2009 12 29.8	06 35.26 +25 42.6 20.0	-1.17 + 1.1	1.0/29.7	47421
2005 WC ₅₆	2009 12 29.8	06 35.27 +26 30.8 20.1	-1.12 + 3.6	1.5/29.6	96478
2003 SR ₉₃	2009 12 29.8	06 35.30 +38 57.6 19.5	-1.10 + 1.1	5.3/29.0	48898
2007 GM ₆₅	2009 12 29.8	06 35.30 +34 28.6 21.8	-1.16 + 1.7	3.8/29.2	46536
2005 SQ ₂₄₂	2009 12 29.8	06 35.36 +36 27.1 21.1	-1.31 - 0.7	5.7/29.5	17578
2001 XF ₁₈₀	2009 12 29.8	06 35.36 +17 24.4 18.2	-0.96 - 1.1	2.9/30.0	94380
2008 RK ₁₀₄	2009 12 29.8	06 35.42 +05 22.4 21.8	-0.82 + 0.2	5.0/30.8	49042
2003 VO ₃	2009 12 29.8	06 35.43 +33 32.7 21.0	-0.99 + 2.2	3.1/29.2	47277
2002 JF ₁₄₀	2009 12 29.8	06 35.46 +20 53.5 21.5	-0.90 - 0.1	0.6/30.0	53352
2004 TT ₂₁₈	2009 12 29.8	06 35.48 +10 43.6 18.9	-1.01 - 4.8	5.1/29.8	47320
2006 FN ₁	2009 12 29.8	06 35.49 +21 17.4 20.7	-1.00 + 0.9	0.7/30.0	04371
2000 DU ₅₉	2009 12 29.8	06 35.50 +34 58.0 19.0	-1.29 - 1.3	5.4/29.6	17908
2007 EV ₃₄	2009 12 29.8	06 35.51 +31 44.2 19.8	-1.24 - 0.6	3.6/29.6	59790
2008 TJ ₁₀₆	2009 12 29.8	06 35.51 +10 19.4 21.0	-0.71 0.0	3.5/30.5	49088
2007 EO ₆₄	2009 12 29.8	06 35.52 +29 42.9 20.6	-1.27 - 0.4	2.6/29.6	47422
2005 TR ₁₂	2009 12 29.8	06 35.53 +17 45.4 20.4	-1.13 + 1.3	2.1/30.2	95974
2005 TX ₁₆₈	2009 12 29.8	06 35.56 +22 38.1 19.7	-1.07 - 0.2	0.3/29.9	19205
2005 UA ₁₁₉	2009 12 29.8	06 35.57 +20 52.5 21.0	-1.15 + 0.8	0.8/30.0	51018
2003 WM ₃₀	2009 12 29.8	06 35.58 +44 07.4 18.7	-1.17 + 4.9	7.5/27.6	66164

2003 FH ₂₄	2009 12 29.8	06 35.59 +16 55.7 18.3	-1.07 + 0.7	2.5/30.2	19595
2002 NC ₆₈	2009 12 29.8	06 35.59 +17 09.0 21.3	-0.88 + 0.8	1.7/30.2	47219
2005 WM ₁₀	2009 12 29.8	06 35.59 +27 34.3 19.7	-1.15 + 2.6	2.0/29.6	20824
2004 RD ₂₉₉	2009 12 29.8	06 35.61 +24 57.8 20.6	-1.06 + 1.0	0.7/29.8	43211
2003 SQ ₃₁₀	2009 12 29.8	06 35.62 +27 12.2 19.3	-0.99 + 4.5	1.4/29.5	66159
2008 PF ₂₀	2009 12 29.8	06 35.62 +44 12.8 22.2	-1.21 - 1.6	6.5/29.6	58152
2004 TX ₃₂₇	2009 12 29.8	06 35.65 +17 54.9 20.4	-1.04 - 2.2	1.8/30.0	47323
2005 UF ₃₆₉	2009 12 29.8	06 35.65 +11 12.4 20.5	-1.10 - 0.1	4.4/30.3	47357
2008 RP ₈₉	2009 12 29.8	06 35.67 +00 04.1 20.1	-0.84 - 0.7	7.6/30.7	50188
4318 P-L	2009 12 29.9	06 35.62 +17 41.2 19.7	-1.02 0.0	2.1/30.1	57547
2003 SN ₁₉₉	2009 12 29.9	06 35.63 +10 04.9 19.9	-0.88 - 0.1	4.3/30.5	59708
1998 UW ₂₅	2009 12 29.9	06 35.64 +03 15.2 20.5	-0.89 + 0.9	6.3/31.3	48808
2005 TV ₈₉	2009 12 29.9	06 35.65 +18 46.3 21.5	-1.17 + 1.6	1.7/30.1	41205
2006 AK ₆₇	2009 12 29.9	06 35.67 +26 46.4 19.6	-1.12 - 3.3	1.2/29.9	47374
2005 YM ₂₆₄	2009 12 29.9	06 35.67 +28 17.9 20.9	-1.11 + 0.2	2.0/29.7	03829
2001 SP ₁	2009 12 29.9	06 35.69 +28 15.1 19.9	-1.19 + 0.4	2.0/29.7	22687
2007 LW ₂₁	2009 12 29.9	06 35.69 +21 55.8 19.8	-1.03 + 4.9	0.5/30.0	42886
1995 SW ₁₄	2009 12 29.9	06 35.70 +02 40.2 20.4	-0.92 + 1.9	7.0/31.3	48804
2004 PD ₂₁	2009 12 29.9	06 35.72 +09 20.3 19.3	-0.98 + 4.4	5.9/31.3	97717
2005 TQ ₁₃₅	2009 12 29.9	06 35.72 +26 36.0 20.1	-1.19 + 1.6	1.5/29.7	33464
2008 TG ₁₄	2009 12 29.9	06 35.79 -02 43.4 21.1	-0.83 + 0.4	7.9/31.4	49074
2004 EC ₇₄	2009 12 29.9	06 35.82 +33 23.1 20.4	-1.32 + 2.3	4.2/29.3	48927
2006 CY ₃₀	2009 12 29.9	06 35.85 +13 52.4 19.8	-0.95 + 1.6	3.3/30.5	47388
2008 RA ₄₀	2009 12 29.9	06 35.92 +10 32.4 21.1	-0.84 + 1.2	3.9/30.7	50172
2005 SO ₅₈	2009 12 29.9	06 35.92 +35 55.1 20.7	-1.31 + 0.3	5.5/29.5	18124
2005 WX ₄₄	2009 12 29.9	06 35.93 +24 35.5 21.1	-1.14 + 0.8	0.5/29.9	47361
2003 BX ₃₉	2009 12 29.9	06 35.95 +29 42.3 18.7	-1.25 - 2.5	3.0/29.9	60782
2004 RX ₂₃₃	2009 12 29.9	06 35.95 +31 15.6 19.2	-1.08 + 1.8	3.3/29.5	74353
2002 XB ₁₁	2009 12 29.9	06 35.99 +30 36.3 19.4	-1.26 + 3.9	3.3/29.4	64198
2007 BA ₁₁	2009 12 29.9	06 36.01 +31 14.2 20.7	-1.30 + 0.8	3.7/29.6	20847
2007 NN ₄	2009 12 29.9	06 36.04 +01 30.9 19.4	-0.94 - 0.8	6.9/30.6	51046
2007 HV ₅₉	2009 12 29.9	06 36.04 +25 14.2 20.8	-1.03 + 1.5	0.7/29.9	47432
2004 PN ₉₁	2009 12 29.9	06 36.05 -19 03.3 20.0	-0.93 + 2.1	14.2/04.4	74319
2005 SH ₂₈₀	2009 12 29.9	06 36.06 +18 13.6 20.4	-1.12 + 2.3	2.0/30.3	21839
2007 LH ₁₅	2009 12 29.9	06 36.06 +38 51.7 20.4	-1.19 + 1.2	4.9/29.1	58567
2006 DP ₁₈₈	2009 12 29.9	06 36.07 +22 36.5 21.9	-0.85 + 1.1	0.1/30.0	52449
2004 RV ₂₉₁	2009 12 29.9	06 36.09 +25 32.4 19.4	-1.10 - 2.4	1.0/30.0	74356
2006 CK ₇	2009 12 29.9	06 36.09 +32 33.0 19.8	-1.11 - 2.0	3.0/29.8	47387
2002 PC ₁₈₅	2009 12 29.9	06 36.09 +14 06.0 20.3	-0.86 + 1.7	2.9/30.6	47223
2003 SF ₁₁	2009 12 29.9	06 36.09 +24 17.1 18.3	-1.55 -10.7	0.5/30.0	62375
2005 EK ₁₄₃	2009 12 29.9	06 36.10 +24 27.1 19.3	-0.92 + 1.0	0.4/29.9	60823
2004 PM ₁₁₀	2009 12 29.9	06 36.11 +05 29.8 18.8	-0.94 + 6.0	7.4/01.1	59729
2004 SZ ₃₁	2009 12 29.9	06 36.11 +36 22.6 20.3	-1.17 + 0.9	4.8/29.4	46188
2002 BC ₂₇	2009 12 30.0	06 36.03 +43 15.4 19.8	-1.56 - 8.6	7.5/31.0	43145
2002 DH ₁₅	2009 12 30.0	06 36.03 +16 06.1 20.7	-1.00 + 1.1	2.5/30.4	47206
2005 AW ₄₉	2009 12 30.0	06 36.03 +29 34.4 19.5	-0.99 - 0.9	2.0/29.8	56002
2004 TA ₇₅	2009 12 30.0	06 36.04 +28 22.1 19.0	-1.06 + 1.3	2.0/29.7	47316
2007 LK ₂₃	2009 12 30.0	06 36.04 +06 56.2 20.2	-0.89 + 3.0	5.5/31.3	58567
2002 JH ₁₄	2009 12 30.0	06 36.04 +18 10.3 19.9	-1.03 + 4.8	1.7/30.4	94769
2003 WN ₄₄	2009 12 30.0	06 36.04 +29 11.6 19.1	-1.00 - 2.9	2.2/29.9	47278
2006 KH ₁₃	2009 12 30.0	06 36.04 +16 52.6 20.6	-0.85 + 3.4	1.8/30.5	01791

2004 TX ₁₂₇	2009 12 30.0	06 36.05 +10 39.5 19.9	-0.96 + 2.8	4.6/31.0	46205
2006 DJ ₆	2009 12 30.0	06 36.06 +46 16.9 19.9	-1.38 - 0.4	9.0/28.8	46407
2008 SJ ₇₇	2009 12 30.0	06 36.07 +07 48.3 20.8	-0.83 + 0.7	4.9/30.9	49051
2003 HO ₄	2009 12 30.0	06 36.07 +16 15.1 21.0	-0.98 + 1.7	2.1/30.4	47248
2001 UR ₇₃	2009 12 30.0	06 36.09 +31 27.3 19.3	-1.19 + 3.1	3.4/29.4	64167
2005 UB ₈₅	2009 12 30.0	06 36.12 +19 27.1 19.5	-1.06 + 1.3	1.8/30.2	22799
2002 RL ₂₁₈	2009 12 30.0	06 36.13 +42 25.6 20.3	-1.09 + 0.4	6.0/29.1	47230
2008 WJ ₁₅	2009 12 30.0	06 36.13 +25 08.9 20.4	-0.89 + 1.0	0.6/29.9	50694
2008 RS ₄₄	2009 12 30.0	06 36.16 +18 39.3 20.5	-0.96 + 1.4	1.5/30.3	46663
2001 SN ₂₃	2009 12 30.0	06 36.16 +25 22.7 21.2	-1.16 + 1.0	0.8/29.9	40670
2006 BO ₂₆₇	2009 12 30.0	06 36.17 +38 43.9 20.0	-1.22 + 0.1	5.4/29.2	47386
2006 BM ₂₃₂	2009 12 30.0	06 36.18 +26 19.1 18.9	-1.06 + 2.7	1.3/29.8	40414
2007 EM ₁₉₆	2009 12 30.0	06 36.18 +26 45.4 21.9	-1.14 + 1.2	1.3/29.8	20858
2005 UR ₁₀₃	2009 12 30.0	06 36.19 +22 37.9 19.6	-1.08 + 2.4	0.3/30.1	20820
2003 GE ₅₆	2009 12 30.0	06 36.26 +13 22.8 22.1	-0.99 + 0.6	3.2/30.5	47248
2004 TZ ₁₁₂	2009 12 30.0	06 36.27 +22 06.2 19.8	-1.04 - 1.7	0.4/30.1	66184
2003 SN ₂₀₄	2009 12 30.0	06 36.27 +05 13.7 18.0	-0.86 - 2.3	7.0/30.5	47261
2001 UB ₂₁₁	2009 12 30.0	06 36.29 +27 31.4 20.4	-1.17 + 0.9	1.6/29.8	16180
2007 EE ₁₉₆	2009 12 30.0	06 36.30 +16 30.7 20.5	-1.05 + 0.8	2.5/30.4	47425
2005 SQ ₉₇	2009 12 30.0	06 36.30 +26 28.6 20.1	-1.22 + 1.8	1.3/29.9	21831
2001 QX ₂₀₂	2009 12 30.0	06 36.32 +16 10.1 19.5	-1.12 + 6.1	3.1/30.8	40093
2008 ST ₁₃	2009 12 30.0	06 36.34 +25 08.5 22.0	-1.15 + 0.5	0.7/30.0	58162
2004 XP ₁₇₀	2009 12 30.0	06 36.35 +23 42.2 18.9	-0.97 + 4.8	0.2/30.0	47334
2008 SB ₂₇₀	2009 12 30.0	06 36.35 -05 38.5 21.7	-0.79 - 1.1	7.8/31.2	51080
2007 LJ ₅	2009 12 30.0	06 36.37 +16 03.2 19.5	-1.03 + 0.2	2.8/30.4	49022
2002 CD ₂₀₅	2009 12 30.0	06 36.37 +19 59.5 19.8	-1.01 + 2.2	1.4/30.3	47203
2003 UJ ₃₄₃	2009 12 30.0	06 36.37 +05 56.4 20.1	-0.92 - 0.2	6.2/30.7	47276
2002 DA ₉	2009 12 30.0	06 36.38 +39 12.6 18.7	-1.23 + 4.9	6.5/28.5	97577
2001 RZ ₃₁	2009 12 30.0	06 36.42 +15 44.6 18.9	-1.10 + 0.1	3.4/30.4	19540
2008 SA ₃₁	2009 12 30.0	06 36.45 +28 16.2 20.9	-1.08 - 1.0	1.7/29.9	46731
2006 KM ₆₆	2009 12 30.0	06 36.45 +15 39.0 20.2	-0.87 + 0.9	2.6/30.5	47413
2008 ST ₂₄₉	2009 12 30.0	06 36.48 +13 07.4 20.4	-0.90 - 0.7	3.2/30.4	58617
2002 AN ₅₈	2009 12 30.0	06 36.49 +08 52.1 18.6	-0.99 + 8.5	6.1/32.0	62337
2004 RV ₁₈₅	2009 12 30.0	06 36.50 +36 24.4 20.8	-1.20 - 0.2	4.4/29.6	47307
2005 YT ₂₈	2009 12 30.0	06 36.50 +20 53.3 19.5	-1.06 + 5.3	0.8/30.3	43247
2008 RE ₄₀	2009 12 30.0	06 36.50 +13 16.0 19.6	-0.87 + 0.9	3.5/30.6	50173
2007 MV ₆	2009 12 30.0	06 36.51 +28 03.6 20.9	-1.04 + 4.3	1.5/29.7	47437
2003 WN ₁₆₉	2009 12 30.0	06 36.53 +32 02.7 18.1	-1.12 +10.8	3.2/28.8	66165
2008 OV ₁₉	2009 12 30.0	06 36.53 +35 51.8 20.1	-1.06 - 1.8	4.4/29.9	51070
2005 UU ₄₀	2009 12 30.0	06 36.54 +26 03.1 20.5	-1.17 + 2.0	1.1/29.9	66219
2002 RS ₁₉₃	2009 12 30.0	06 36.54 +18 31.3 21.4	-0.83 + 1.2	1.2/30.4	48877
2002 AN ₁₀₇	2009 12 30.0	06 36.56 +21 36.7 19.3	-1.06 + 3.9	0.6/30.2	19565
2008 OV ₃	2009 12 30.1	06 36.48 +27 29.8 20.9	-1.05 - 1.0	1.3/30.0	50132
2006 BT ₁₉	2009 12 30.1	06 36.48 +19 05.5 20.7	-1.04 + 3.0	1.6/30.4	28236
1999 TP ₆₆	2009 12 30.1	06 36.52 +46 12.2 20.6	-1.29 + 1.7	7.3/28.5	47135
2005 UY ₁₀₆	2009 12 30.1	06 36.52 +29 53.1 19.9	-1.21 + 3.6	2.6/29.6	43237
2005 SX ₁₁₉	2009 12 30.1	06 36.54 +28 11.2 19.8	-1.17 + 0.6	2.5/29.9	19653
2007 EL ₄₂	2009 12 30.1	06 36.54 +34 24.9 20.4	-1.23 + 0.8	4.2/29.6	55310
2005 QA ₃₂	2009 12 30.1	06 36.55 +16 56.1 20.8	-1.17 + 1.8	2.5/30.5	40137
2003 SG ₃₀₆	2009 12 30.1	06 36.56 +16 48.2 19.1	-0.91 - 1.4	2.1/30.3	48902
2003 BD ₅₀	2009 12 30.1	06 36.59 +18 06.6 19.4	-1.09 + 1.8	2.4/30.4	43167

2004 PL ₁₃	2009 12 30.1	06 36.59 +20 01.4 20.4	-1.05 + 1.9	1.1/30.3	52402
2005 QD ₁₁₄	2009 12 30.1	06 36.61 +22 09.3 19.1	-1.13 + 2.0	0.5/30.2	40138
2003 VB ₁₀	2009 12 30.1	06 36.62 +13 20.2 19.9	-0.88 - 0.4	3.1/30.6	48912
2001 SA ₁₂₉	2009 12 30.1	06 36.62 +27 55.3 20.2	-1.19 + 0.2	1.7/29.9	47174
2005 EV ₉	2009 12 30.1	06 36.63 +18 58.2 19.0	-0.91 + 0.6	1.6/30.3	62417
2003 TY ₃₇	2009 12 30.1	06 36.65 +19 28.2 19.2	-0.94 - 1.8	1.3/30.2	58457
2002 HB ₈	2009 12 30.1	06 36.67 +44 22.5 19.4	-1.36 + 8.4	8.0/27.3	43154
2008 TQ ₁₀₅	2009 12 30.1	06 36.68 +26 02.2 20.6	-0.93 + 0.7	0.8/30.0	66332
2006 KB ₈₈	2009 12 30.1	06 36.69 +20 13.9 19.8	-0.91 - 0.3	0.9/30.3	47413
2004 RO ₆₃	2009 12 30.1	06 36.70 +04 22.5 19.7	-0.94 + 2.8	7.3/31.7	47303
2008 SE ₁₄₀	2009 12 30.1	06 36.73 +36 07.6 20.7	-1.02 - 0.4	3.7/29.7	49058
2005 YN ₁₄₅	2009 12 30.1	06 36.74 +30 16.6 19.4	-1.23 - 0.3	2.8/29.9	40412
2005 SY ₁₄₀	2009 12 30.1	06 36.76 +20 30.0 21.6	-1.17 + 2.0	1.1/30.3	33461
2001 QP ₃₂₉	2009 12 30.1	06 36.76 +22 55.1 20.2	-1.17 + 0.3	0.1/30.2	97455
2001 TY ₁₅	2009 12 30.1	06 36.79 +29 09.6 19.2	-1.17 + 4.5	2.6/29.7	66109
1999 TT ₁₆₂	2009 12 30.1	06 36.81 +06 15.7 20.6	-0.91 + 0.1	5.4/31.0	50883
2005 SQ ₂₈₀	2009 12 30.1	06 36.83 +08 41.2 21.4	-1.09 + 2.3	5.1/31.2	40400
2003 SD ₂₄₉	2009 12 30.1	06 36.86 +01 26.7 19.8	-0.86 0.0	7.2/31.4	46050
2006 AY ₃₈	2009 12 30.1	06 36.90 +24 35.6 20.2	-1.06 + 0.2	0.6/30.1	58040
2001 KN ₃₀	2009 12 30.1	06 36.94 +14 56.2 20.8	-0.82 - 0.1	2.1/30.6	48834
2006 HB ₆₁	2009 12 30.1	06 36.95 +17 01.7 20.1	-0.85 + 2.3	1.8/30.6	47408
2006 BZ ₃₇	2009 12 30.1	06 36.97 +31 44.1 20.3	-1.09 + 0.1	3.2/29.8	48987
2006 BQ ₂₅₃	2009 12 30.1	06 36.98 +29 20.4 20.1	-1.06 - 0.5	2.1/30.0	48991
2007 DJ ₄₁	2009 12 30.1	06 36.98 +29 34.5 20.1	-1.16 - 0.3	2.3/30.0	47420
2005 SL ₄₄	2009 12 30.1	06 37.00 +23 49.5 20.5	-1.18 + 0.2	0.3/30.2	17558
2005 SS ₄₄	2009 12 30.1	06 37.00 +18 04.5 19.6	-1.11 - 0.2	2.3/30.4	97814
2003 QU ₁	2009 12 30.1	06 37.03 +39 00.5 19.0	-1.15 - 3.3	6.4/30.3	86055
2004 NR ₃₃	2009 12 30.1	06 37.03 +32 34.0 21.3	-1.20 + 4.4	3.2/29.5	11062
2008 QG ₃₀	2009 12 30.2	06 36.93 +31 10.1 21.0	-1.12 - 2.0	2.6/30.1	47457
2007 CR ₂₈	2009 12 30.2	06 36.95 +24 08.6 20.7	-1.24 + 0.2	0.4/30.2	47418
2006 KP ₆₉	2009 12 30.2	06 36.95 +08 45.3 20.6	-0.83 + 0.2	4.5/30.9	47413
2003 SJ ₅₂	2009 12 30.2	06 36.96 +21 48.3 20.5	-0.93 + 1.7	0.5/30.3	43177
2007 EY ₈₁	2009 12 30.2	06 36.96 +20 46.9 19.4	-1.14 + 2.5	1.0/30.4	19715
2008 TY ₅₁	2009 12 30.2	06 37.02 +20 17.5 21.1	-0.92 + 1.0	0.9/30.4	46937
2004 RP ₁₈	2009 12 30.2	06 37.04 +29 06.5 20.1	-1.12 - 0.2	2.3/30.0	59731
2003 WL ₁₈₇	2009 12 30.2	06 37.05 +08 53.5 21.9	-0.86 - 0.4	4.2/30.8	49896
2001 PX ₃₂	2009 12 30.2	06 37.05 +23 16.5 19.5	-1.19 + 8.3	0.0/30.2	10774
2004 MR ₄	2009 12 30.2	06 37.07 +31 05.4 20.3	-1.18 + 3.6	2.9/29.6	97712
2000 SC ₅₆	2009 12 30.2	06 37.08 +25 42.5 21.0	-1.08 + 0.6	0.8/30.1	47149
2003 XX ₁	2009 12 30.2	06 37.11 +43 19.7 18.8	-1.23 + 6.9	6.6/28.0	66165
2002 PG ₁₀₆	2009 12 30.2	06 37.12 +18 37.4 20.1	-0.88 - 0.8	1.3/30.4	47221
2002 EE ₉	2009 12 30.2	06 37.12 +39 59.9 20.3	-1.30 - 1.6	6.3/29.7	94681
2005 UR ₁₅₅	2009 12 30.2	06 37.13 +06 34.9 20.5	-1.07 + 2.6	6.0/31.5	40150
1998 XO ₂₃	2009 12 30.2	06 37.15 +14 20.8 18.9	-0.91 - 2.3	3.2/30.4	47132
2003 EU ₄₇	2009 12 30.2	06 37.15 +25 24.0 20.7	-1.15 + 1.2	0.9/30.1	20776
2007 GB ₂₃	2009 12 30.2	06 37.18 +32 54.3 21.2	-1.11 + 1.9	3.1/29.6	55321
2005 UH ₃₆₀	2009 12 30.2	06 37.19 +29 32.8 19.1	-1.09 - 1.3	2.4/30.1	62453
2007 HQ ₁₃	2009 12 30.2	06 37.21 +27 14.8 20.0	-1.21 + 0.3	1.8/30.1	43281
2003 UF ₂₄	2009 12 30.2	06 37.22 +60 18.2 19.9	-2.21 + 2.7	17.4/26.7	95118
2006 EK ₂	2009 12 30.2	06 37.23 +25 05.0 20.6	-0.97 + 1.7	0.6/30.1	58526
2000 FA ₅	2009 12 30.2	06 37.25 +09 33.0 20.1	-0.84 + 0.6	4.4/31.0	45852

2007 EB ₁₅	2009 12 30.2	06 37.27 +12 41.5 20.5	-1.08 + 2.5	4.1/31.0	40709
2006 BD ₁₂₆	2009 12 30.2	06 37.30 +16 59.0 20.0	-0.94 + 1.5	2.1/30.6	47381
2003 YE ₁₂₅	2009 12 30.2	06 37.30 +25 17.0 18.7	-1.00 - 2.4	0.7/30.2	66166
2003 BD ₄₁	2009 12 30.2	06 37.34 +17 34.0 19.9	-1.09 + 2.9	2.3/30.7	41787
2002 NM ₆₈	2009 12 30.2	06 37.44 +25 19.9 19.9	-1.26 + 1.2	1.0/30.2	64187
2002 NX ₆₃	2009 12 30.2	06 37.45 +29 46.1 20.7	-0.98 - 1.2	2.0/30.1	48869
2008 MX ₂	2009 12 30.3	06 37.38 +25 06.9 21.2	-1.22 - 1.4	0.7/30.3	41927
2008 SP ₂₃₅	2009 12 30.3	06 37.39 +11 28.3 20.3	-0.86 - 0.1	3.6/30.8	55512
2008 UO ₁₁	2009 12 30.3	06 37.39 +33 00.1 19.6	-0.86 + 0.1	3.2/29.8	50476
2002 GS ₂₆	2009 12 30.3	06 37.40 +40 27.3 18.9	-1.27 + 7.0	6.3/28.2	60762
2005 SF ₁₉₂	2009 12 30.3	06 37.40 +33 42.1 20.0	-1.28 + 1.8	4.1/29.7	22796
2001 RN ₂₄	2009 12 30.3	06 37.40 +19 14.2 18.5	-1.03 + 1.4	1.9/30.5	40094
2005 ST ₄₆	2009 12 30.3	06 37.42 +29 22.9 21.1	-1.26 + 0.8	2.4/30.0	47352
2008 SH ₆₁	2009 12 30.3	06 37.42 +45 32.7 20.0	-1.23 - 3.0	6.2/30.3	62102
2008 SE ₂₀₉	2009 12 30.3	06 37.47 +39 14.3 20.8	-1.13 + 0.4	5.4/29.5	46881
2003 SZ ₁₃₅	2009 12 30.3	06 37.48 +34 00.0 19.8	-1.09 - 2.0	3.8/30.1	50955
2007 GC ₂₀	2009 12 30.3	06 37.50 +35 48.0 20.9	-1.15 + 1.6	4.2/29.6	55320
2005 YQ ₁₆	2009 12 30.3	06 37.50 +22 31.2 19.6	-1.09 + 0.6	0.3/30.4	96675
2006 BF ₃₂	2009 12 30.3	06 37.54 +14 49.7 19.4	-0.96 + 3.4	3.0/31.0	47377
2008 PT	2009 12 30.3	06 37.58 +15 11.4 21.2	-1.05 + 1.5	2.7/30.8	50134
2002 EC ₄	2009 12 30.3	06 37.59 +28 14.6 20.2	-1.08 + 0.3	2.1/30.1	02082
2005 UE ₄₆₂	2009 12 30.3	06 37.62 +13 18.7 21.0	-1.08 + 0.8	4.1/30.9	17628
2003 SC ₂₂₉	2009 12 30.3	06 37.62 +39 36.8 20.4	-1.09 + 1.9	5.3/29.3	48901
2006 KM ₁₈	2009 12 30.3	06 37.64 +08 51.5 22.7	-0.72 + 1.0	3.2/31.2	24087
2006 DK ₁₂₁	2009 12 30.3	06 37.66 +32 50.9 20.9	-1.08 + 2.6	3.2/29.6	47395
2001 SP ₃₀₄	2009 12 30.3	06 37.66 +22 20.2 20.8	-1.14 + 0.8	0.3/30.4	94114
2002 ED ₁₁₆	2009 12 30.3	06 37.79 +29 20.8 21.0	-1.10 + 0.5	2.2/30.1	47209
2005 VG ₁₃₀	2009 12 30.3	06 37.86 +23 30.5 21.0	-1.18 + 3.4	0.2/30.4	21850
2003 AQ ₆₉	2009 12 30.3	06 37.90 +24 48.4 19.1	-1.21 - 2.6	0.7/30.4	97631
2005 EV ₁₂₀	2009 12 30.4	06 37.80 -16 53.6 19.5	-0.80 + 1.7	13.3/02.4	43230
2005 SM ₂₀₀	2009 12 30.4	06 37.84 +26 11.1 20.4	-1.21 + 1.5	1.3/30.2	64256
2008 RS ₄₂	2009 12 30.4	06 37.85 +36 57.3 21.2	-1.02 + 0.8	4.4/29.7	49039
2002 QE ₇₀	2009 12 30.4	06 37.89 +23 26.1 21.1	-0.92 + 0.8	0.1/30.4	47225
2004 TG ₁₉₉	2009 12 30.4	06 37.89 +16 56.0 19.4	-0.98 + 0.9	2.5/30.8	58485
2000 DW ₁₀₄	2009 12 30.4	06 37.90 +17 09.7 19.9	-1.12 + 3.1	2.2/30.8	59654
2005 WC ₁₄₇	2009 12 30.4	06 37.92 +27 44.0 20.8	-1.15 + 2.5	1.7/30.1	35938
2006 DV ₇₈	2009 12 30.4	06 37.92 +25 09.0 20.6	-1.00 + 0.3	0.7/30.3	47393
2008 TB ₉₅	2009 12 30.4	06 37.96 +19 59.1 20.9	-1.00 + 1.5	1.1/30.6	46962
2001 BS ₄₀	2009 12 30.4	06 37.96 +03 39.5 18.1	-0.86 + 5.2	8.9/01.6	40668
2005 YN ₁₈₉	2009 12 30.4	06 37.96 +22 50.6 20.3	-1.08 - 1.0	0.1/30.4	47370
1998 XH ₁₀	2009 12 30.4	06 38.00 +31 13.2 18.7	-1.01 + 4.2	2.9/29.7	64148
2008 UT ₈₇	2009 12 30.4	06 38.02 +23 36.9 20.5	-0.88 - 1.4	0.1/30.4	58623
2006 FP ₂₈	2009 12 30.4	06 38.02 +03 30.8 20.6	-0.83 0.0	5.9/31.3	49000
2001 OS ₃₀	2009 12 30.4	06 38.04 +29 03.6 20.8	-1.22 + 2.6	2.3/30.1	97442
2002 AQ ₁₇₄	2009 12 30.4	06 38.05 +23 20.4 19.2	-1.05 + 2.3	0.1/30.4	20758
1998 DE ₇	2009 12 30.4	06 38.11 +27 22.3 19.5	-1.11 - 4.8	2.0/30.5	97333
2005 UX ₂₇₂	2009 12 30.4	06 38.13 +27 04.1 20.5	-1.14 + 4.3	1.7/30.1	20423
2007 LQ ₃₀	2009 12 30.4	06 38.14 +25 45.8 20.8	-0.94 + 2.9	0.9/30.3	66287
2007 HP ₅₆	2009 12 30.4	06 38.15 +06 05.8 21.4	-0.92 + 1.8	5.1/31.5	21365
2001 QR ₂₇₃	2009 12 30.4	06 38.22 +27 16.8 19.6	-1.19 + 3.5	1.6/30.2	41767
2005 TH ₅₂	2009 12 30.4	06 38.22 +15 48.8 19.9	-1.04 - 0.4	3.5/30.8	58513

2006 HO ₂₄	2009 12 30.4	06 38.24 +08 11.2 21.5	-0.86 - 0.2	4.5/31.1	02321
2004 PW ₉₆	2009 12 30.4	06 38.27 +41 51.2 19.9	-1.33 - 2.5	7.2/30.3	47300
2008 SX ₃₈	2009 12 30.4	06 38.28 +37 58.5 20.8	-1.03 + 1.3	4.4/29.6	46741
2008 QW ₃₃	2009 12 30.4	06 38.31 +14 32.7 20.7	-0.94 + 1.2	2.8/31.0	46629
2005 UQ ₃₀₂	2009 12 30.4	06 38.32 +25 04.6 19.7	-1.14 + 4.9	0.8/30.3	56033
1999 PQ ₂	2009 12 30.4	06 38.33 +31 13.7 21.1	-1.09 - 0.3	2.9/30.2	47133
2002 QG ₁₂₆	2009 12 30.5	06 38.26 +08 29.1 20.5	-0.83 + 2.6	4.7/31.7	45976
2006 BU ₁₄₈	2009 12 30.5	06 38.27 +07 06.2 19.6	-0.95 + 5.3	5.6/01.2	47382
2002 RQ ₁₃₁	2009 12 30.5	06 38.27 +11 49.9 21.8	-0.81 - 0.4	2.8/31.0	58436
2006 BO ₁₅	2009 12 30.5	06 38.28 +20 53.8 20.2	-1.05 + 2.1	0.9/30.7	96988
2005 QQ ₆₆	2009 12 30.5	06 38.30 +33 26.7 20.3	-1.31 + 0.9	4.3/30.1	90231
2007 EH ₆₈	2009 12 30.5	06 38.35 +19 45.3 19.6	-1.16 + 1.8	1.4/30.7	60890
2004 RR ₃₁₅	2009 12 30.5	06 38.36 +36 44.5 20.8	-1.24 + 2.4	4.6/29.7	70106
2005 YD ₁₂₀	2009 12 30.5	06 38.37 +19 53.0 19.9	-1.04 + 2.9	1.2/30.8	96775
2005 SN ₁₄₃	2009 12 30.5	06 38.37 +28 09.5 20.6	-1.22 + 2.0	2.2/30.2	21834
2002 CT ₂₅	2009 12 30.5	06 38.39 +48 13.7 19.5	-1.88 - 6.4	11.7/31.2	12798
2004 RV ₂₁₁	2009 12 30.5	06 38.39 +29 48.7 19.8	-1.19 - 4.4	2.7/30.6	73139
2005 SH ₁₃₃	2009 12 30.5	06 38.49 +30 38.5 19.4	-1.21 + 1.3	3.3/30.1	18126
2008 TA ₁₃₀	2009 12 30.5	06 38.50 +38 54.6 21.0	-1.12 + 1.0	4.6/29.7	46981
2007 HG ₇₆	2009 12 30.5	06 38.50 +27 18.5 22.2	-1.03 + 1.6	1.2/30.3	21365
1996 SA ₃	2009 12 30.5	06 38.51 +15 48.6 19.6	-0.94 + 2.2	3.6/31.1	62293
2003 TM ₃₅	2009 12 30.5	06 38.51 +13 09.1 20.4	-0.90 - 1.0	3.5/30.9	47267
2008 RT ₉₅	2009 12 30.5	06 38.53 +05 38.0 22.0	-1.00 + 2.2	5.8/31.8	59548
2005 RC ₄₈	2009 12 30.5	06 38.53 +29 21.1 21.4	-1.23 + 3.3	2.6/30.1	24472
2002 CY ₁	2009 12 30.5	06 38.56 +39 33.2 19.3	-1.28 - 1.0	5.7/29.9	62339
2007 GT ₆₈	2009 12 30.5	06 38.56 +19 52.7 21.6	-1.07 + 0.9	1.1/30.7	57125
2005 CG ₇	2009 12 30.5	06 38.61 +39 00.5 20.2	-1.13 - 3.3	5.2/30.5	58489
2003 YW ₁₄₈	2009 12 30.5	06 38.62 +38 45.1 18.9	-1.01 + 2.5	4.8/29.4	50972
2003 UP ₃₁₅	2009 12 30.5	06 38.62 +10 17.9 19.6	-0.86 + 3.6	4.7/31.8	56922
2004 VJ ₂₀	2009 12 30.5	06 38.62 +28 58.6 19.5	-1.06 + 3.0	2.1/30.1	64235
2005 EG	2009 12 30.5	06 38.63 +34 47.2 19.1	-1.08 + 6.7	3.6/29.2	64240
2001 UD ₄₀	2009 12 30.5	06 38.63 +21 27.8 20.0	-1.13 + 1.9	0.7/30.7	17963
2006 CO ₅₀	2009 12 30.5	06 38.65 +32 39.8 20.3	-1.12 0.0	3.3/30.1	47388
2000 SQ ₁₃₈	2009 12 30.5	06 38.65 +04 18.7 20.3	-1.00 + 0.8	6.5/31.9	70266
2005 MM ₁₅	2009 12 30.5	06 38.66 +21 49.9 20.2	-1.23 0.0	0.5/30.6	90215
2003 UZ ₁₄₅	2009 12 30.5	06 38.66 +38 48.8 19.9	-1.09 + 3.8	4.7/29.3	47272
2006 BQ ₁₃₅	2009 12 30.5	06 38.67 +06 44.6 19.1	-0.93 + 5.0	6.2/01.2	47381
2001 RT ₉₀	2009 12 30.5	06 38.69 +25 58.4 19.3	-1.18 + 2.1	1.1/30.4	66105
2006 DD ₂₆	2009 12 30.5	06 38.69 +19 24.9 20.8	-0.97 + 1.4	1.3/30.8	56041
2002 PU ₁₂₃	2009 12 30.5	06 38.71 +27 27.2 20.0	-0.94 - 1.5	1.2/30.5	47222
2008 RD ₅₈	2009 12 30.5	06 38.71 +21 12.7 21.8	-0.91 + 1.0	0.6/30.7	50179
2006 DJ ₉₄	2009 12 30.5	06 38.72 -07 49.5 22.2	-0.74 + 1.0	7.1/01.6	60454
2005 QZ ₂₉	2009 12 30.5	06 38.73 +12 16.8 20.0	-1.15 + 1.7	4.6/31.3	39220
2001 QM ₄	2009 12 30.5	06 38.74 +28 22.3 20.9	-1.20 0.0	1.8/30.4	47168
2005 SO ₂₁₄	2009 12 30.5	06 38.74 +17 16.0 19.2	-1.09 - 1.7	2.8/30.8	60837
2007 DA ₅₃	2009 12 30.5	06 38.76 +24 59.3 20.7	-1.16 0.0	0.7/30.5	58085
2007 EY ₁₄₇	2009 12 30.5	06 38.76 +22 49.5 20.8	-1.11 + 2.0	0.1/30.6	46516
2005 YV ₁₃₄	2009 12 30.5	06 38.79 +29 38.3 19.1	-1.10 + 5.0	2.9/30.0	62471
2004 PO ₂	2009 12 30.6	06 38.72 +22 41.7 20.4	-1.10 + 3.8	0.2/30.6	70373
2006 DW ₂₁₄	2009 12 30.6	06 38.76 +23 17.2 19.3	-0.98 + 0.8	0.1/30.6	59108
1998 XO ₃₅	2009 12 30.6	06 38.76 +13 07.6 18.0	-0.98 - 4.8	4.0/30.6	66087

2005 WA ₅₇	2009 12 30.6	06 38.77 +26 03.0 20.7	-1.15 + 1.9	1.1/30.4	18157
2007 HN ₄₆	2009 12 30.6	06 38.79 +35 43.6 20.3	-1.14 + 3.0	3.9/29.7	59794
2006 HO ₆₁	2009 12 30.6	06 38.79 +43 42.5 21.0	-1.12 + 2.2	6.0/29.1	51034
2006 KQ ₈₄	2009 12 30.6	06 38.81 +09 20.5 20.3	-0.79 + 0.1	4.1/31.3	51039
2002 AG ₁₆₆	2009 12 30.6	06 38.81 -14 16.7 18.9	-0.97 +13.3	16.2/08.4	97553
2003 RE ₁	2009 12 30.6	06 38.81 +26 37.5 19.6	-0.99 + 2.4	1.2/30.4	47254
2004 PF ₉₈	2009 12 30.6	06 38.82 +31 12.7 19.6	-1.16 + 3.2	3.0/30.0	40687
2007 GP ₆₅	2009 12 30.6	06 38.82 +21 36.2 21.8	-1.01 + 0.4	0.5/30.7	58566
2008 UB ₁₄	2009 12 30.6	06 38.84 +09 36.8 20.2	-0.84 - 0.3	4.1/31.2	59814
2007 EZ ₂₁₆	2009 12 30.6	06 38.89 +24 54.3 21.6	-1.16 + 0.9	0.6/30.5	42879
2004 RZ ₁₃₈	2009 12 30.6	06 38.91 +07 34.4 19.2	-0.99 - 1.6	6.0/31.2	41812
2005 RZ ₃₂	2009 12 30.6	06 38.93 +26 21.5 20.3	-1.23 0.0	1.3/30.5	17554
2008 UK ₂₇₉	2009 12 30.6	06 38.94 +31 26.2 19.7	-0.96 + 2.1	2.5/30.1	64339
2002 RX ₂₄₇	2009 12 30.6	06 38.96 +22 33.5 19.8	-0.95 - 2.4	0.2/30.7	97617
2001 RA ₁₃₄	2009 12 30.6	06 38.97 +13 46.5 18.1	-1.01 + 4.0	4.5/31.5	19541
2006 BN ₁₀₇	2009 12 30.6	06 38.98 +24 57.1 20.8	-1.05 + 1.5	0.7/30.5	47380
2006 BM ₂₀₃	2009 12 30.6	06 39.00 +21 44.2 20.1	-1.01 + 2.1	0.5/30.8	58524
2004 RE ₂₆₈	2009 12 30.6	06 39.00 +35 58.8 21.0	-1.21 - 0.5	4.6/30.2	46181
2005 UO ₈₀	2009 12 30.6	06 39.02 +22 16.6 19.3	-1.13 + 4.3	0.3/30.7	60843
2004 NY ₂₅	2009 12 30.6	06 39.03 +15 31.2 21.4	-1.03 + 3.4	2.6/31.3	56944
2006 DT ₁	2009 12 30.6	06 39.03 +24 26.2 19.7	-1.02 + 2.2	0.5/30.6	47389
2007 GN ₄₄	2009 12 30.6	06 39.07 +15 18.4 20.4	-1.00 + 0.8	2.9/31.1	46532
2003 UM ₁₉₇	2009 12 30.6	06 39.12 +11 59.1 20.1	-0.87 - 0.3	3.4/31.2	47273
2005 YN ₁₅₄	2009 12 30.6	06 39.13 +26 29.4 19.4	-1.08 + 3.3	1.4/30.4	47369
2005 ER ₂₅₀	2009 12 30.6	06 39.16 +57 42.2 20.3	-2.14 + 0.3	17.7/27.6	77850
2000 QP ₃	2009 12 30.6	06 39.17 +43 34.2 19.2	-1.35 - 2.1	8.2/30.4	59655
2002 CH ₂₀₀	2009 12 30.6	06 39.18 +30 06.9 20.0	-1.09 + 0.3	2.3/30.4	59677
2002 NR ₆₉	2009 12 30.6	06 39.19 +22 27.3 20.1	-0.90 + 2.3	0.2/30.7	60312
2003 SN ₃₈₇	2009 12 30.6	06 39.19 +23 11.0 20.1	-0.95 + 2.0	0.0/30.7	66159
2003 GU ₂₁	2009 12 30.6	06 39.22 +64 38.9 21.6	-2.62 + 5.2	20.5/25.8	38854
2004 RU ₃₄₃	2009 12 30.7	06 39.14 +25 35.4 20.7	-1.10 - 1.5	0.9/30.6	47312
2002 TK ₂₉₅	2009 12 30.7	06 39.14 +28 20.5 19.4	-1.33 - 3.6	2.4/30.7	50695
2008 RO ₁₁₃	2009 12 30.7	06 39.16 +09 27.1 21.0	-0.85 - 0.2	4.2/31.4	46702
2004 TD ₁₂₀	2009 12 30.7	06 39.17 +33 16.6 21.5	-1.16 - 0.1	3.2/30.3	97756
2006 BU ₂₇₆	2009 12 30.7	06 39.17 +32 37.8 19.7	-1.10 + 0.5	3.6/30.2	58525
2002 CY ₃₀₀	2009 12 30.7	06 39.18 +04 56.9 20.4	-0.94 + 3.5	6.5/01.3	47205
2002 OF ₆	2009 12 30.7	06 39.18 +14 39.7 20.9	-0.85 0.0	2.4/31.1	50930
2008 SY ₄₉	2009 12 30.7	06 39.23 +19 08.3 20.9	-0.99 + 0.9	1.3/30.9	50235
2008 SQ ₁₀₉	2009 12 30.7	06 39.24 +25 20.5 20.0	-0.89 + 1.4	0.7/30.6	53680
2004 TR ₁₃₆	2009 12 30.7	06 39.28 +25 25.0 18.6	-1.05 - 1.5	0.9/30.7	64231
2008 QF ₆	2009 12 30.7	06 39.31 +33 42.4 18.9	-1.10 - 4.9	3.8/30.9	62541
2006 CE ₃₈	2009 12 30.7	06 39.31 +05 31.5 20.5	-0.90 + 2.4	5.7/32.0	60860
2008 PA ₇	2009 12 30.7	06 39.31 +15 40.3 21.3	-0.99 + 1.9	2.5/31.2	47449
1996 GD ₇	2009 12 30.7	06 39.31 +25 37.7 22.3	-0.91 + 1.1	0.7/30.6	58393
2001 FH ₁₃₉	2009 12 30.7	06 39.33 +25 06.6 19.9	-0.97 + 0.7	0.7/30.6	64159
2001 QB ₃₃₀	2009 12 30.7	06 39.34 +23 12.8 19.4	-1.14 + 3.8	0.0/30.7	16161
2004 RG ₆	2009 12 30.7	06 39.34 +27 21.8 19.7	-1.11 + 4.6	1.5/30.4	64223
2005 UT ₄₆₃	2009 12 30.7	06 39.35 +21 56.4 20.0	-1.07 + 2.7	0.6/30.8	58518
2003 UQ ₁₈₄	2009 12 30.7	06 39.36 +20 06.6 19.5	-0.91 + 2.6	1.0/31.0	47273
2008 RO ₉₃	2009 12 30.7	06 39.39 +19 20.7 20.8	-0.97 + 1.2	1.3/31.0	46688
2008 RU ₁₁₇	2009 12 30.7	06 39.42 +23 21.6 20.3	-0.93 - 0.5	0.1/30.7	49043

2004 TR ₁₁₇	2009 12 30.7	06 39.44 +27 22.6 20.2	-1.06 + 2.8	1.6/30.5	66185
2005 EG ₂₉₃	2009 12 30.7	06 39.48 -22 41.7 19.6	-1.01 + 4.8	24.2/07.8	22789
2003 NF	2009 12 30.7	06 39.53 +23 45.1 20.5	-1.03 - 1.4	0.2/30.8	66152
2005 UB ₁₀₈	2009 12 30.7	06 39.54 +23 45.2 20.3	-1.17 + 2.6	0.3/30.7	48978
2002 AA ₂₃	2009 12 30.7	06 39.57 +13 07.9 18.6	-0.98 + 1.1	4.5/31.4	60756
2005 UH ₄₈₄	2009 12 30.7	06 39.60 +17 44.3 20.4	-1.13 + 4.0	2.1/31.2	21609
2006 FO ₄	2009 12 30.7	06 39.62 +07 43.8 18.9	-0.90 + 0.4	7.2/31.5	60862
2004 TL ₃₅₅	2009 12 30.7	06 39.67 +27 53.8 18.7	-1.06 + 5.5	2.0/30.3	66188
2005 EX ₉₃	2009 12 30.8	06 39.59 +62 05.1 18.4	-2.21 +10.9	20.4/22.5	66196
2008 TS ₁₇₀	2009 12 30.8	06 39.62 -03 46.1 21.1	-0.78 - 1.4	6.3/31.8	52512
2005 CO ₅₇	2009 12 30.8	06 39.63 +24 09.2 19.0	-0.94 - 1.6	0.3/30.8	64240
2007 GQ ₅₉	2009 12 30.8	06 39.67 +28 26.7 21.5	-1.04 + 1.1	1.6/30.5	49019
2005 UE ₃₃₄	2009 12 30.8	06 39.73 +25 07.3 19.3	-1.08 + 3.5	0.9/30.7	96271
2008 ST ₁₆₁	2009 12 30.8	06 39.73 +18 18.1 21.8	-0.99 + 1.5	1.5/31.1	50304
2005 SV ₄₃	2009 12 30.8	06 39.75 +34 41.0 20.3	-1.26 + 0.3	5.2/30.3	19190
2004 XM ₇₆	2009 12 30.8	06 39.75 +28 16.9 19.8	-1.02 + 4.8	1.6/30.3	66192
2002 QZ ₁₂₁	2009 12 30.8	06 39.79 +07 55.8 21.2	-0.80 + 1.6	4.1/31.9	47226
2006 AM ₂₀	2009 12 30.8	06 39.80 +31 35.6 18.9	-1.19 + 2.1	3.8/30.4	64286
2003 SU ₃₁₈	2009 12 30.8	06 39.80 +22 18.1 20.7	-0.95 + 1.2	0.3/30.9	48903
1998 UY ₈	2009 12 30.8	06 39.85 +24 26.8 19.9	-1.21 + 0.5	0.6/30.8	19513
2005 TY ₁	2009 12 30.8	06 39.88 +31 09.8 20.5	-1.30 + 0.8	3.2/30.4	47353
2000 QZ ₁₇₅	2009 12 30.8	06 39.89 +01 36.9 18.9	-0.95 + 3.0	8.8/02.0	43107
2001 HQ ₁₉	2009 12 30.8	06 39.90 +06 03.2 21.4	-0.80 - 0.4	4.4/31.6	47166
2005 TE ₁₈	2009 12 30.8	06 39.90 +27 06.3 20.4	-1.23 + 2.1	1.6/30.6	97849
2005 CK ₂₁	2009 12 30.8	06 39.92 +09 14.6 19.2	-0.85 + 4.1	4.6/01.1	77811
2005 EQ ₁₇₀	2009 12 30.8	06 39.92 -04 46.4 19.9	-0.78 - 0.2	7.7/01.1	47345
2007 EY ₁₁₇	2009 12 30.8	06 39.93 +14 08.7 19.9	-1.07 + 2.2	4.0/31.4	60891
2004 TJ ₉₇	2009 12 30.8	06 39.94 +09 27.1 20.2	-0.95 + 0.5	4.9/31.6	47317
2003 UD ₂₅₇	2009 12 30.8	06 39.95 +26 50.1 18.4	-0.94 + 3.7	1.4/30.5	47275
2006 BZ ₁₇₅	2009 12 30.8	06 39.95 +30 11.9 20.8	-1.06 + 0.9	2.3/30.5	46388
2005 QJ ₁₃₅	2009 12 30.8	06 39.97 +26 51.6 20.2	-1.22 + 1.4	1.6/30.7	66205
2008 SJ ₂₃₅	2009 12 30.8	06 39.97 +09 57.1 20.4	-0.93 + 1.7	4.4/31.7	49069
2008 SC ₃₆	2009 12 30.8	06 39.98 +30 42.6 20.3	-0.96 + 1.4	2.4/30.4	50227
2002 RW ₂₇₀	2009 12 30.8	06 39.98 +26 45.3 20.7	-0.91 + 0.1	1.0/30.7	48878
2007 FN ₂₀	2009 12 30.8	06 39.99 +26 34.7 21.2	-1.13 + 1.0	1.2/30.7	49018
2008 TA ₁₅₅	2009 12 30.8	06 40.01 +36 40.6 21.3	-1.04 - 0.5	3.9/30.3	63868
2008 SJ ₉₈	2009 12 30.8	06 40.02 +35 36.8 21.1	-1.01 + 0.8	3.6/30.2	50265
2000 SC ₉₉	2009 12 30.8	06 40.02 +23 00.5 19.8	-1.08 + 0.2	0.0/30.9	17919
2002 AD ₇₈	2009 12 30.8	06 40.03 +26 07.2 20.1	-1.10 + 2.1	1.1/30.7	47195
2002 QZ ₇₃	2009 12 30.8	06 40.05 +23 51.2 20.1	-1.24 + 3.9	0.3/30.8	40106
2004 TU ₁₂₄	2009 12 30.9	06 40.05 +22 55.8 19.3	-1.04 + 2.3	0.1/30.9	00807
2001 SJ ₂₁₅	2009 12 30.9	06 40.05 +25 43.7 19.0	-1.14 + 3.4	1.1/30.7	17952
2006 HA ₆₂	2009 12 30.9	06 40.06 +23 25.4 20.1	-0.94 + 2.7	0.1/30.9	03901
2008 RH ₁₇	2009 12 30.9	06 40.06 +05 35.7 20.8	-0.87 + 0.3	6.0/31.8	50162
2005 UZ ₂₉₈	2009 12 30.9	06 40.07 +21 22.7 21.4	-1.16 + 0.9	0.7/31.0	96256
2005 UV ₃₉	2009 12 30.9	06 40.07 +25 08.9 21.1	-1.15 + 1.6	0.7/30.8	47354
2003 UC ₃₀₄	2009 12 30.9	06 40.08 +25 11.9 20.3	-0.95 + 0.1	0.7/30.8	47276
2003 HM ₅₀	2009 12 30.9	06 40.09 +01 32.0 21.8	-0.91 - 0.6	6.1/31.9	46022
2007 LY ₃₃	2009 12 30.9	06 40.10 +23 20.9 19.8	-0.97 + 6.1	0.1/30.9	47437
2002 JE ₁₁₂	2009 12 30.9	06 40.10 +22 20.4 20.0	-1.04 - 1.5	0.3/30.9	66132
2008 SB ₂₂₀	2009 12 30.9	06 40.15 +39 34.7 21.2	-1.19 + 0.5	5.2/30.1	49068

2002 QA ₄	2009 12 30.9	06 40.16 +10 44.0 20.2	-0.84 + 3.1	3.9/01.0	58433
2006 CB ₄₇	2009 12 30.9	06 40.16 +29 39.9 20.3	-1.10 + 0.7	2.5/30.6	47388
2005 CX ₈	2009 12 30.9	06 40.17 +25 20.4 19.8	-0.91 + 2.3	0.7/30.8	66195
2006 SX ₂₁₁	2009 12 30.9	06 40.19 +63 32.5 20.2	-2.47 + 3.6	18.9/26.5	58541
2005 WV ₁₅₀	2009 12 30.9	06 40.19 +28 30.3 19.0	-1.14 + 0.3	2.4/30.7	62464
2000 GN ₃₇	2009 12 30.9	06 40.30 +23 23.9 18.9	-0.92 + 0.9	0.1/30.9	59654
2001 YT ₁₃₈	2009 12 30.9	06 40.35 +21 28.2 19.5	-0.99 + 5.6	0.8/31.1	94459
2003 UZ ₈₁	2009 12 30.9	06 40.38 -19 06.9 18.5	-0.81 - 0.2	15.6/03.6	47270
2004 RG ₂₇₂	2009 12 30.9	06 40.38 +03 10.0 20.1	-0.95 + 3.1	8.1/01.6	46182
2002 TQ ₂₃₂	2009 12 30.9	06 40.40 +16 34.2 19.7	-0.86 - 2.1	1.8/31.1	58440
2008 SX ₁₅₃	2009 12 30.9	06 40.40 +28 56.8 20.2	-1.03 + 1.4	1.9/30.6	56135
2002 CW ₂₄₆	2009 12 30.9	06 40.42 +14 43.4 20.6	-0.98 + 2.2	2.8/31.5	47204
2007 GD ₁	2009 12 30.9	06 40.42 +16 56.6 20.4	-0.99 + 4.8	1.9/31.6	21363
2005 UJ ₁₆₂	2009 12 30.9	06 40.46 +20 19.7 18.6	-1.12 + 4.7	1.2/31.2	96182
2008 PT ₉	2009 12 30.9	06 40.47 +27 46.7 20.2	-1.23 + 3.4	1.9/30.6	66322
2005 YP ₁₄₄	2009 12 30.9	06 40.47 +17 29.6 19.6	-1.04 + 7.1	2.2/31.7	40412
2005 XE ₁₉	2009 12 30.9	06 40.49 +27 43.9 19.2	-1.11 + 0.7	2.2/30.8	96608
2002 PQ ₇₀	2009 12 30.9	06 40.50 +16 08.0 19.7	-0.86 - 1.1	2.0/31.2	48871
2000 KN ₁	2009 12 30.9	06 40.57 +04 32.4 18.9	-1.37 +14.9	8.4/03.2	59655
2005 EU ₃₂₃	2009 12 31.0	06 40.47 +09 16.7 20.4	-0.81 + 1.1	4.3/31.8	47348
2008 RU ₈₃	2009 12 31.0	06 40.47 +12 55.5 21.7	-0.89 + 1.3	3.3/31.7	46683
2006 FC ₄₃	2009 12 31.0	06 40.48 +05 58.0 20.6	-0.89 + 2.5	5.8/01.3	58044
2004 LJ ₈	2009 12 31.0	06 40.49 +24 11.0 20.2	-1.11 + 2.8	0.4/30.9	66173
2006 FX ₅₃	2009 12 31.0	06 40.58 +18 55.5 20.5	-0.91 + 1.0	1.5/31.3	47403
2001 VR ₇₂	2009 12 31.0	06 40.59 +14 42.6 19.7	-1.05 - 0.9	3.7/31.3	97505
2008 PL ₆	2009 12 31.0	06 40.60 +01 52.1 19.6	-0.84 + 4.9	7.4/02.6	50135
2008 SJ ₁₃₂	2009 12 31.0	06 40.62 +23 53.3 20.9	-0.86 + 0.6	0.2/31.0	46823
2003 SU ₇₆	2009 12 31.0	06 40.69 +08 40.3 20.1	-0.87 + 0.4	4.7/31.9	48897
2001 RK ₄₉	2009 12 31.0	06 40.71 +17 31.3 20.8	-1.12 + 0.7	2.1/31.3	97457
2005 UN ₁₁₈	2009 12 31.0	06 40.73 +28 22.0 19.3	-1.08 + 1.5	2.7/30.7	97898
2003 SH ₁₆₂	2009 12 31.0	06 40.73 +07 47.2 19.4	-0.86 + 1.8	5.1/01.2	47260
2001 OL ₄₁	2009 12 31.0	06 40.74 +31 32.8 21.4	-1.24 + 1.5	3.1/30.6	10772
2005 QG ₁₁	2009 12 31.0	06 40.75 +35 01.2 20.3	-1.39 - 2.9	5.1/31.0	97790
2000 GS ₂₂	2009 12 31.0	06 40.75 +31 37.9 19.8	-1.25 + 2.2	3.7/30.5	59654
2008 TB ₁₀₃	2009 12 31.0	06 40.75 +03 09.4 20.2	-0.83 - 0.8	5.8/01.0	49087
2004 LD ₆	2009 12 31.0	06 40.78 +37 32.8 20.1	-1.32 - 3.6	4.9/31.1	70366
2002 GT ₇₂	2009 12 31.0	06 40.80 +22 46.4 19.9	-0.98 + 2.0	0.1/31.1	47212
2007 LV ₆	2009 12 31.0	06 40.81 +17 21.4 19.8	-1.11 + 3.1	2.5/31.5	47436
2003 WX ₁₀₉	2009 12 31.0	06 40.82 +15 06.0 20.8	-0.88 - 1.3	2.3/31.4	49895
2008 LU ₁₇	2009 12 31.0	06 40.83 +12 13.6 20.1	-0.89 - 1.5	3.3/31.4	50130
2007 CJ ₆₃	2009 12 31.0	06 40.84 +36 20.3 20.0	-1.35 - 1.1	5.3/30.6	59787
2001 QT ₂₀₇	2009 12 31.0	06 40.86 +21 58.2 20.5	-1.15 + 2.4	0.4/31.1	97452
1997 SB ₃₂	2009 12 31.0	06 40.86 +39 12.4 19.2	-1.07 + 1.0	5.7/30.2	62293
2000 GF ₁₅	2009 12 31.0	06 40.90 +30 01.8 21.3	-1.15 + 1.6	2.2/30.7	58400
2002 EL ₉₉	2009 12 31.0	06 40.93 +35 14.8 19.3	-1.20 + 4.4	4.7/29.9	43150
2008 TU ₉₃	2009 12 31.0	06 40.93 +37 56.3 20.6	-1.04 + 1.9	4.5/30.1	50424
2003 SP ₈₉	2009 12 31.0	06 40.95 +15 18.2 19.9	-0.92 - 1.1	2.5/31.4	48898
2004 GH ₁₃	2009 12 31.0	06 40.96 +27 08.3 20.3	-1.27 - 2.0	1.6/31.0	59723
1994 PO ₁₄	2009 12 31.0	06 40.97 +27 36.3 18.7	-1.27 - 1.3	1.9/31.0	60719
2008 SR ₉₆	2009 12 31.1	06 40.92 +37 50.5 20.6	-1.05 + 0.7	4.4/30.3	50264
2003 WF ₉	2009 12 31.1	06 40.94 +34 27.8 20.4	-1.01 + 0.7	3.3/30.5	59717

2005 CW ₇₈	2009 12 31.1	06 40.96 +35 53.4 20.3	-1.01 - 0.4	4.0/30.5	46281
2006 CX ₂₂	2009 12 31.1	06 40.97 +40 20.3 19.7	-1.19 0.0	6.0/30.3	60860
2005 YY ₁₆₇	2009 12 31.1	06 40.98 +30 14.2 19.2	-1.10 + 9.6	3.3/30.1	66244
2008 RP ₅	2009 12 31.1	06 40.98 +40 26.3 21.7	-1.23 + 0.8	5.5/30.2	50159
2008 UN ₃₀₅	2009 12 31.1	06 41.02 +06 39.0 21.2	-0.90 + 0.2	5.3/32.0	60587
2008 QP ₈	2009 12 31.1	06 41.02 +32 12.5 20.7	-1.19 - 0.3	3.3/30.8	46610
2002 UV ₂₈	2009 12 31.1	06 41.03 +20 10.0 19.7	-1.18 + 3.7	1.3/31.4	16227
2000 QP ₆₂	2009 12 31.1	06 41.04 +15 35.5 20.1	-1.02 + 3.2	2.5/31.7	58402
2005 UJ ₂₈	2009 12 31.1	06 41.05 +20 24.6 19.1	-1.07 + 0.4	1.3/31.3	19658
2004 PX ₁₀₄	2009 12 31.1	06 41.05 +23 32.5 20.0	-1.12 - 2.7	0.2/31.1	00741
2006 HK ₁₁₅	2009 12 31.1	06 41.08 +34 32.7 21.1	-0.97 + 2.2	3.3/30.3	46473
2006 OP	2009 12 31.1	06 41.08 +35 28.3 19.9	-1.14 - 3.8	3.7/31.0	21635
2008 SY ₂₁₆	2009 12 31.1	06 41.09 +28 32.4 20.7	-1.11 - 0.6	1.8/30.9	46882
2002 QX ₃₇	2009 12 31.1	06 41.10 +31 04.5 21.3	-0.94 + 0.9	2.2/30.7	48873
2005 SG ₁₁₅	2009 12 31.1	06 41.15 +35 02.1 22.1	-1.33 + 0.7	4.6/30.6	90279
2008 TW ₆₃	2009 12 31.1	06 41.16 +17 56.5 21.0	-0.89 + 0.5	1.6/31.4	50406
2008 RE ₂₄	2009 12 31.1	06 41.16 +32 23.4 20.0	-1.10 - 1.2	2.9/30.8	46650
2005 GX ₃₇	2009 12 31.1	06 41.17 -08 37.1 20.0	-0.85 - 2.5	10.5/31.2	46296
2003 UC ₁₉₈	2009 12 31.1	06 41.17 +24 25.5 19.1	-0.93 + 2.0	0.5/31.1	02186
2002 QK ₉₄	2009 12 31.1	06 41.18 +39 32.3 19.4	-1.08 - 0.9	5.2/30.5	62352
2003 SS ₁₁₃	2009 12 31.1	06 41.19 +18 35.9 20.6	-0.99 - 1.1	1.4/31.3	47258
2007 HP ₂₅	2009 12 31.1	06 41.22 +29 08.5 21.3	-1.08 + 1.6	2.0/30.8	47430
2005 UE ₃₆	2009 12 31.1	06 41.23 +26 41.2 21.2	-1.19 + 1.8	1.3/30.9	03756
2007 MZ ₁₆	2009 12 31.1	06 41.23 +05 30.3 21.3	-0.93 0.0	5.7/32.0	47437
2008 TV ₁₁₀	2009 12 31.1	06 41.24 +03 24.8 19.8	-0.77 - 0.8	5.7/01.0	50432
2002 JO ₃	2009 12 31.1	06 41.26 +40 41.7 20.9	-1.14 + 2.0	5.1/29.9	50928
2005 SM ₈₃	2009 12 31.1	06 41.32 +29 32.5 22.1	-1.27 + 0.9	2.4/30.9	97820
2007 EK ₁₆₇	2009 12 31.1	06 41.33 +39 52.2 20.8	-1.32 + 2.4	5.8/29.9	49018
2008 SS ₂₀₂	2009 12 31.1	06 41.35 +18 57.3 20.9	-0.86 + 0.5	1.2/31.4	48631
2008 HV ₅₅	2009 12 31.1	06 41.36 +21 12.3 21.4	-1.25 + 1.7	0.7/31.3	40026
2008 QN ₂₃	2009 12 31.1	06 41.40 +07 39.6 20.8	-0.83 + 0.3	4.6/01.1	51071
2007 NF ₂	2009 12 31.2	06 41.33 +08 57.5 20.5	-0.92 + 2.5	4.3/01.2	47437
2004 FK ₁	2009 12 31.2	06 41.35 -05 54.5 20.9	-1.01 + 2.6	9.2/02.3	20790
2008 UQ ₂₀₂	2009 12 31.2	06 41.37 +12 21.6 20.0	-0.84 - 0.5	3.1/31.7	55538
2001 SE ₂₉₅	2009 12 31.2	06 41.38 +16 16.6 21.2	-1.10 + 1.4	2.4/31.6	17954
2004 PM ₆₉	2009 12 31.2	06 41.38 +20 35.3 20.6	-1.06 - 0.2	0.9/31.3	56945
1995 XK ₃	2009 12 31.2	06 41.40 +18 26.2 20.1	-1.15 + 2.4	1.8/31.5	47127
2005 SN ₂₃	2009 12 31.2	06 41.41 +30 00.9 19.2	-1.19 + 2.9	3.3/30.7	18122
2008 TV ₆₀	2009 12 31.2	06 41.46 +16 57.0 20.6	-0.85 + 0.2	1.8/31.5	57173
2004 WK	2009 12 31.2	06 41.47 +33 10.6 18.7	-1.07 + 6.4	4.3/30.1	66190
2007 HR ₃₂	2009 12 31.2	06 41.48 +21 18.7 21.7	-1.01 + 0.1	0.6/31.3	57126
2002 GW ₁₄₄	2009 12 31.2	06 41.53 +24 30.7 19.5	-1.02 + 3.3	0.5/31.1	47213
2002 QU ₉₆	2009 12 31.2	06 41.54 +18 26.6 19.6	-0.89 + 3.9	1.5/31.7	43160
2006 DU ₇₄	2009 12 31.2	06 41.57 +32 24.6 20.2	-1.08 + 0.3	3.2/30.8	48995
2005 SA ₁₀₂	2009 12 31.2	06 41.63 +33 44.9 18.8	-1.27 - 0.6	4.8/30.8	59757
2000 EX ₁₃	2009 12 31.2	06 41.66 +29 27.6 21.4	-1.23 + 0.7	2.1/30.9	47143
2005 CX ₃₉	2009 12 31.2	06 41.68 +21 30.3 19.9	-0.91 + 1.4	0.5/31.4	48967
2001 SX ₁₀₂	2009 12 31.2	06 41.69 +29 41.7 20.6	-1.21 - 0.2	2.6/31.0	48093
2008 RW ₁₂₅	2009 12 31.2	06 41.71 +18 46.4 19.6	-0.99 - 0.2	1.6/31.5	58159
2002 AB ₅₀	2009 12 31.2	06 41.73 +26 33.0 19.4	-1.20 - 4.7	1.5/31.3	94484
2001 SV ₁₁	2009 12 31.2	06 41.74 +12 59.1 20.0	-1.05 + 3.2	4.4/01.1	17947

1997 GR ₁	2009 12 31.2	06 41.74 +11 11.6 21.2	-0.94 + 2.7	4.2/01.2	99885
2006 BQ ₈₉	2009 12 31.2	06 41.79 +19 49.7 20.0	-0.97 + 2.7	1.1/31.5	47379
2008 SO ₁₁₅	2009 12 31.2	06 41.83 +44 30.6 20.4	-1.13 + 2.1	6.1/29.7	51075
2002 TB ₄₂	2009 12 31.2	06 41.84 +31 30.6 20.0	-1.33 + 2.2	3.6/30.8	39174
2002 PX ₁₆₆	2009 12 31.2	06 41.86 +10 17.4 22.8	-1.20 + 2.2	5.3/02.0	28761
2001 SA ₂₂₆	2009 12 31.2	06 41.88 +26 56.3 21.1	-1.17 + 1.4	1.4/31.1	16168
2003 BL ₈₄	2009 12 31.3	06 41.78 +28 42.8 20.1	-1.20 + 1.8	2.5/30.9	56899
2008 RP ₈₈	2009 12 31.3	06 41.85 +35 20.9 20.1	-1.03 - 0.8	3.8/30.8	62542
2006 BG ₂₂₃	2009 12 31.3	06 41.85 +15 59.0 19.6	-0.96 + 2.6	2.5/31.9	52446
2008 UX ₂₃₄	2009 12 31.3	06 41.88 +14 29.6 20.6	-0.93 - 0.6	2.7/31.7	52519
2006 BF ₂₂₁	2009 12 31.3	06 41.90 +35 32.0 21.4	-1.18 - 1.0	4.1/30.8	11157
2004 VO ₇₁	2009 12 31.3	06 41.92 +37 03.7 19.7	-1.14 + 4.2	5.1/30.0	74437
2007 JJ ₂₈	2009 12 31.3	06 41.94 +16 30.0 21.3	-0.98 + 0.3	2.0/31.7	47434
2004 RW ₁₁₆	2009 12 31.3	06 41.94 +12 37.4 19.9	-1.02 + 4.4	4.0/02.0	00762
2006 DN ₁₃₈	2009 12 31.3	06 41.95 +20 34.5 19.8	-0.99 + 2.5	0.9/31.5	60861
2005 CK ₄₀	2009 12 31.3	06 41.97 +35 22.3 20.7	-1.03 - 0.3	3.9/30.8	47341
2002 LZ ₆₂	2009 12 31.3	06 41.97 +30 25.1 22.3	-1.33 + 1.3	2.7/30.9	59394
2005 QE ₇₃	2009 12 31.3	06 41.98 +18 40.5 19.9	-1.16 + 0.5	1.8/31.6	15837
2002 AM ₁₄₃	2009 12 31.3	06 42.01 +20 21.1 19.8	-1.06 + 1.0	1.0/31.5	47197
2008 RB ₄	2009 12 31.3	06 42.03 +24 25.1 20.2	-1.14 + 0.5	0.5/31.3	50157
2008 RH ₉₅	2009 12 31.3	06 42.06 +13 25.7 20.7	-1.05 + 0.9	3.5/31.9	58611
2003 UM ₂₈	2009 12 31.3	06 42.09 +22 53.5 20.0	-0.93 + 1.0	0.1/31.4	46071
2008 SB ₄₅	2009 12 31.3	06 42.11 +24 08.5 21.4	-0.89 + 1.0	0.3/31.3	49048
2008 TU ₈₄	2009 12 31.3	06 42.11 +25 06.2 22.2	-0.97 + 0.9	0.6/31.2	46955
2003 CT ₃	2009 12 31.3	06 42.12 +05 59.1 19.3	-0.96 + 4.8	8.5/02.1	41787
2003 UH ₇₇	2009 12 31.3	06 42.13 +19 27.8 19.1	-0.96 - 2.8	1.3/31.4	64211
2000 HT ₇₈	2009 12 31.3	06 42.14 +26 44.1 19.4	-0.96 + 5.6	1.1/31.0	66093
2006 AY ₃₃	2009 12 31.3	06 42.15 +54 28.8 20.8	-1.86 - 4.6	10.9/30.5	02269
2004 RO ₇₇	2009 12 31.3	06 42.16 +31 45.7 19.5	-1.13 + 2.0	3.1/30.8	59732
2002 RZ ₃₄	2009 12 31.3	06 42.17 +34 03.3 20.9	-0.98 - 0.7	3.1/30.9	60319
2005 SW ₂	2009 12 31.3	06 42.19 +34 20.7 20.1	-1.30 + 1.7	4.6/30.7	11127
2008 QX ₁₈	2009 12 31.3	06 42.20 +21 37.8 21.5	-0.93 + 1.9	0.4/31.5	58922
2008 RL ₂₅	2009 12 31.3	06 42.20 +16 33.1 21.2	-0.97 + 1.9	2.2/31.8	46652
2003 YG ₁₆₄	2009 12 31.3	06 42.21 +28 02.4 19.5	-0.94 + 2.2	1.6/31.0	64214
2005 TS ₉₁	2009 12 31.3	06 42.21 +25 20.6 20.3	-1.22 - 0.3	1.0/31.3	97859
2004 TF ₃₂₆	2009 12 31.3	06 42.24 +24 28.1 20.7	-1.06 + 0.6	0.5/31.3	47323
2008 TK ₁₃₁	2009 12 31.3	06 42.25 +15 49.5 20.5	-0.85 - 0.5	2.1/31.7	48635
2001 SN ₁₇₁	2009 12 31.3	06 42.30 +27 12.3 19.4	-1.14 + 1.3	1.9/31.2	20746
2001 QQ ₆₇	2009 12 31.3	06 42.32 +25 16.0 20.5	-1.17 + 2.7	0.8/31.2	66103
2004 TZ ₁₂	2009 12 31.4	06 42.24 +23 02.3 20.3	-1.03 + 3.1	0.0/31.4	59094
2002 TO ₂₇₀	2009 12 31.4	06 42.25 +36 07.2 20.9	-1.40 + 0.3	5.1/30.8	94861
2005 TX ₄₅	2009 12 31.4	06 42.26 +20 39.9 20.1	-1.16 + 0.9	1.1/31.5	97853
2004 TT ₄₈	2009 12 31.4	06 42.27 +31 59.2 20.1	-1.10 + 2.1	3.2/30.8	64230
2002 RE ₇₁	2009 12 31.4	06 42.29 -00 01.1 19.5	-0.80 + 0.7	7.4/02.0	48876
2006 DE ₃₀	2009 12 31.4	06 42.30 +19 45.7 20.0	-0.94 + 1.3	1.1/31.6	47391
2002 VA ₄	2009 12 31.4	06 42.31 +22 54.0 18.8	-1.21 - 1.7	0.1/31.4	64196
2006 BE ₁₉₃	2009 12 31.4	06 42.31 +20 55.4 20.1	-1.01 + 0.8	0.8/31.5	46391
2003 UT ₁₈₈	2009 12 31.4	06 42.31 +40 23.2 19.7	-1.10 + 0.7	5.8/30.4	62379
2003 SW ₂₁₆	2009 12 31.4	06 42.33 +08 07.1 19.5	-0.87 + 0.2	5.1/01.2	50956
2006 BZ ₁₅₄	2009 12 31.4	06 42.34 +22 25.7 20.0	-1.00 + 3.1	0.3/31.5	97091
2008 QP ₃₈	2009 12 31.4	06 42.36 +27 07.9 21.0	-1.06 - 0.4	1.3/31.3	46634

2008 SX ₃₀	2009 12 31.4	06 42.40 +12 27.6 19.8	-0.84 - 1.0	3.3/31.9	50225
2008 UM ₁₂	2009 12 31.4	06 42.41 +24 43.7 20.7	-0.97 + 0.8	0.5/31.3	48637
2003 BG ₅₅	2009 12 31.4	06 42.45 +31 06.8 18.5	-1.24 - 1.5	3.8/31.2	22728
2007 HK ₂₂	2009 12 31.4	06 42.45 +20 22.9 20.6	-1.00 + 1.7	0.9/31.6	47430
2002 PA ₆₄	2009 12 31.4	06 42.47 +27 11.4 19.9	-0.97 - 1.2	1.3/31.3	47220
2005 AE ₇₇	2009 12 31.4	06 42.50 +33 20.2 20.3	-0.96 + 0.3	2.9/30.9	60393
2005 CE ₁₇	2009 12 31.4	06 42.53 +10 51.4 20.4	-0.87 + 4.5	4.1/01.7	43229
2005 SA ₂₁	2009 12 31.4	06 42.53 +15 55.1 20.1	-1.11 + 2.5	2.7/32.0	19651
2005 SZ ₂₀₄	2009 12 31.4	06 42.56 +21 27.5 20.0	-1.17 + 2.7	0.7/31.6	33462
1999 VY ₁₆	2009 12 31.4	06 42.56 +43 00.2 19.7	-1.22 + 2.1	7.1/29.9	48813
2004 TC ₆₇	2009 12 31.4	06 42.56 +23 49.7 20.0	-1.04 + 2.7	0.2/31.4	66184
2008 TA ₈₆	2009 12 31.4	06 42.59 +43 18.5 20.3	-1.28 + 1.4	7.0/30.0	50419
2003 SM ₂₅₇	2009 12 31.4	06 42.59 +25 29.2 20.3	-0.98 + 1.5	0.7/31.3	66158
2005 UQ ₂₇₅	2009 12 31.4	06 42.59 +24 53.7 20.3	-1.19 - 0.8	0.7/31.4	18146
2006 BO ₁₂₆	2009 12 31.4	06 42.59 +19 44.4 20.7	-0.95 + 1.3	1.1/31.7	53470
2001 YH ₉₅	2009 12 31.4	06 42.60 +31 09.3 19.5	-1.19 + 2.6	2.9/30.9	97539
2002 EV ₁₅₅	2009 12 31.4	06 42.63 +29 22.1 20.2	-1.07 + 1.5	2.1/31.1	50926
2001 QT ₁₆₅	2009 12 31.4	06 42.64 +26 11.3 20.2	-1.20 + 3.0	1.2/31.2	66103
2007 MS	2009 12 31.4	06 42.64 +13 15.1 20.0	-1.02 + 2.4	4.2/01.2	58089
2005 DP	2009 12 31.4	06 42.64 +13 17.9 20.3	-0.82 + 2.5	2.8/01.3	60395
2006 JY ₂₈	2009 12 31.4	06 42.66 +34 27.7 20.5	-0.97 + 2.8	3.2/30.5	50013
1993 TV ₂₉	2009 12 31.4	06 42.66 +15 55.8 20.2	-0.94 + 2.4	2.6/01.0	41748
2001 OQ ₉₂	2009 12 31.4	06 42.67 +23 37.4 19.5	-1.17 + 3.3	0.2/31.4	64160
2008 QB ₂	2009 12 31.4	06 42.73 +26 52.2 21.1	-1.14 + 0.2	1.3/31.3	56131
1994 RR ₇	2009 12 31.4	06 42.76 +14 44.5 21.5	-1.08 + 1.3	3.0/32.0	45813
2005 UW ₅₁	2009 12 31.4	06 42.77 +19 28.8 19.5	-1.12 - 1.3	1.6/31.6	97884
2007 LY ₁₈	2009 12 31.5	06 42.66 +29 05.9 19.8	-0.91 + 3.2	1.6/31.0	50036
2008 QW	2009 12 31.5	06 42.67 +05 32.1 21.3	-0.87 - 0.3	5.4/02.0	51071
2003 BD ₇₇	2009 12 31.5	06 42.69 +28 32.7 19.1	-1.13 + 1.8	2.7/31.1	59694
2002 CA ₂₈₉	2009 12 31.5	06 42.69 +28 57.7 19.7	-1.13 + 6.2	2.1/30.9	20762
2002 CE ₇₃	2009 12 31.5	06 42.70 +28 08.0 18.9	-1.10 - 0.1	2.2/31.3	64180
2008 UZ ₃₁₂	2009 12 31.5	06 42.72 +41 28.5 20.8	-1.04 + 3.1	4.9/29.9	52520
2005 TN ₁₀	2009 12 31.5	06 42.72 +19 32.0 18.8	-1.18 - 0.5	1.4/31.7	64258
2003 WF ₈₀	2009 12 31.5	06 42.74 +40 48.6 20.8	-1.08 + 2.9	4.9/30.1	60356
2008 RQ ₄	2009 12 31.5	06 42.77 +19 34.0 21.0	-0.98 + 0.9	1.2/31.7	60579
2003 SN ₂₈₅	2009 12 31.5	06 42.81 +20 31.5 19.1	-0.96 - 1.8	0.9/31.6	64210
2008 SK ₁₅₄	2009 12 31.5	06 42.86 +13 24.1 20.2	-0.92 + 1.7	3.3/01.2	50298
2005 TU ₆₃	2009 12 31.5	06 42.87 +28 27.1 20.7	-1.24 + 1.3	2.3/31.2	97856
2005 YW ₁₇₃	2009 12 31.5	06 42.88 +25 25.0 18.3	-1.11 - 3.4	1.0/31.5	64284
2008 TZ ₃₁	2009 12 31.5	06 42.91 +45 51.0 21.0	-1.15 + 2.4	6.6/29.6	50390
2007 EB ₂₂₀	2009 12 31.5	06 42.93 +11 49.8 19.8	-1.05 + 1.6	4.9/01.2	47425
2004 QL ₆	2009 12 31.5	06 42.93 +15 15.8 20.2	-1.02 + 1.6	2.9/01.1	48933
2008 RM ₂₂	2009 12 31.5	06 42.94 +14 01.3 19.7	-0.88 + 3.7	3.1/01.4	49038
2008 RW ₆₄	2009 12 31.5	06 42.95 +29 47.5 20.3	-1.05 + 1.4	2.3/31.1	50180
2003 SL ₄₀₀	2009 12 31.5	06 43.00 -00 59.8 20.8	-0.83 + 3.0	7.8/03.0	46063
2006 DR ₁₃	2009 12 31.5	06 43.00 +21 21.0 18.9	-1.03 - 2.2	0.6/31.6	46408
2007 ET ₂₂₀	2009 12 31.5	06 43.01 +27 08.0 21.2	-1.17 + 1.5	1.5/31.3	41336
2007 EZ ₂₀₆	2009 12 31.5	06 43.02 +17 02.2 19.4	-1.12 + 5.1	2.7/01.1	22884
2008 SA ₁₁₄	2009 12 31.5	06 43.03 +10 15.4 20.5	-0.86 + 1.8	4.1/01.5	50273
2008 RR ₉₂	2009 12 31.5	06 43.06 +28 14.9 20.8	-1.03 + 1.0	1.7/31.3	50189
2003 UW ₃₂₀	2009 12 31.5	06 43.11 +03 03.3 19.7	-0.85 - 1.3	6.7/01.4	56922

2001 XS ₂₃₆	2009 12 31.5	06 43.13 +25 09.9 20.3	-1.16 + 1.3	0.8/31.5	66120
2008 SD ₁₃₅	2009 12 31.5	06 43.13 +12 03.3 20.6	-0.85 - 0.4	3.2/01.1	50289
2005 QH ₃₈	2009 12 31.5	06 43.15 +21 06.2 20.3	-1.18 + 0.5	0.8/31.7	64247
2007 DH ₆	2009 12 31.5	06 43.16 +26 04.3 21.1	-1.19 + 1.0	1.2/31.4	26247
2005 QC ₂	2009 12 31.5	06 43.17 +29 15.1 19.2	-1.28 - 1.4	2.8/31.4	66202
2005 VQ ₁₆	2009 12 31.6	06 43.12 +17 35.0 19.1	-1.15 - 4.3	2.5/31.6	97962
2006 GH ₂₁	2009 12 31.6	06 43.13 +22 45.0 20.4	-0.96 + 0.7	0.1/31.6	47404
2006 HE ₁₄₉	2009 12 31.6	06 43.17 -00 42.5 20.0	-0.90 - 4.8	8.2/31.5	09561
2002 CT ₂₀₄	2009 12 31.6	06 43.19 +20 42.2 20.3	-1.03 + 2.2	0.8/31.8	47203
2005 AU ₂	2009 12 31.6	06 43.19 +21 02.7 19.2	-0.92 + 4.4	0.7/31.8	47336
2006 DJ ₁₁₃	2009 12 31.6	06 43.20 +22 14.3 19.8	-0.94 + 1.8	0.3/31.7	47395
2006 KP ₁₀₃	2009 12 31.6	06 43.20 +09 08.6 20.5	-0.88 - 2.7	3.9/31.9	47414
2006 JR ₆₂	2009 12 31.6	06 43.23 +31 21.9 20.7	-1.06 + 0.8	2.8/31.1	49008
2005 VO ₃₈	2009 12 31.6	06 43.26 +18 46.4 20.1	-1.09 + 2.7	1.7/32.0	22802
2006 MB ₁₅	2009 12 31.6	06 43.27 +25 16.3 18.0	-1.67 -13.6	1.1/31.8	11173
2006 DS ₃₂	2009 12 31.6	06 43.29 +19 35.0 20.1	-0.96 + 1.3	1.3/31.9	48994
2007 PP ₄₃	2009 12 31.6	06 43.30 +26 39.2 20.0	-0.93 - 1.0	1.1/31.5	59796
2008 TV ₈₆	2009 12 31.6	06 43.31 +41 23.5 20.0	-1.10 + 1.3	5.7/30.3	50420
2005 UR ₁₅₃	2009 12 31.6	06 43.34 +30 43.0 21.0	-1.21 + 2.4	3.2/31.1	57431
2005 EF ₆₁	2009 12 31.6	06 43.37 +10 58.1 20.2	-0.86 0.0	4.1/01.2	77825
2002 CA ₃	2009 12 31.6	06 43.37 +27 33.6 18.1	-1.03 + 4.7	2.2/31.2	66125
2000 OB ₂₈	2009 12 31.6	06 43.38 +22 02.2 18.9	-1.09 - 1.1	0.4/31.7	66093
2008 SF ₄₂	2009 12 31.6	06 43.42 +02 38.2 20.6	-0.81 + 0.1	6.0/01.9	51073
2005 CY ₈	2009 12 31.6	06 43.42 +30 46.1 20.1	-0.97 + 1.1	2.4/31.2	46277
2008 TZ ₁₄₉	2009 12 31.6	06 43.51 +29 35.2 20.8	-0.95 + 1.5	1.9/31.2	51085
2002 PD ₁₂₅	2009 12 31.6	06 43.51 +11 52.3 20.6	-0.84 + 2.5	3.3/01.6	47222
2002 OU ₁₁	2009 12 31.6	06 43.51 +04 04.1 20.0	-0.84 - 1.0	5.7/01.6	48870
2004 LZ ₁₄	2009 12 31.6	06 43.54 +21 56.1 20.5	-1.08 + 3.4	0.4/31.8	47294
2004 RB ₉₇	2009 12 31.6	06 43.54 +30 32.7 19.6	-1.17 - 2.7	2.8/31.5	95364
2003 UL ₂₂₅	2009 12 31.6	06 43.55 +13 05.4 19.9	-0.88 - 0.6	3.1/01.1	47274
2004 RT ₉₆	2009 12 31.6	06 43.56 +37 29.0 19.7	-1.26 - 3.2	5.3/31.5	47305
2005 SM ₂₈₁	2009 12 31.6	06 43.59 +21 40.6 21.7	-0.96 + 1.7	0.4/31.8	46306
2004 RQ ₁₅₄	2009 12 31.6	06 43.60 +25 56.6 19.7	-1.09 - 1.8	1.2/31.6	58482
2002 RM ₁₆₂	2009 12 31.6	06 43.63 +41 51.3 19.4	-1.08 0.0	5.7/30.7	62354
2005 SX ₁₇₀	2009 12 31.7	06 43.55 +20 45.1 21.6	-1.18 + 0.6	0.9/31.8	39769
2005 SJ ₂₀	2009 12 31.7	06 43.56 +12 51.5 19.0	-1.06 + 2.8	4.6/01.5	47352
2002 RM ₁₈₂	2009 12 31.7	06 43.60 +19 48.0 20.1	-0.89 - 1.7	0.9/31.8	58436
2002 WV ₉	2009 12 31.7	06 43.61 +28 47.4 19.4	-1.24 + 2.6	2.6/31.3	66145
2008 RX ₃	2009 12 31.7	06 43.63 +20 10.0 21.7	-1.07 + 1.0	1.0/31.9	50157
2001 YN ₁₀₃	2009 12 31.7	06 43.63 +21 36.1 18.6	-1.06 + 0.2	0.6/31.8	43142
2005 UP ₃₉₃	2009 12 31.7	06 43.66 +19 23.9 20.1	-1.15 + 3.2	1.4/01.0	40152
2000 TV ₄₄	2009 12 31.7	06 43.66 +41 55.4 21.3	-1.31 + 1.9	6.3/30.6	84620
2002 AV ₁₄₂	2009 12 31.7	06 43.66 +25 59.3 19.2	-1.17 - 9.6	1.5/31.9	97551
2008 OX ₉	2009 12 31.7	06 43.67 +10 22.7 20.5	-0.89 + 3.4	4.2/02.0	43304
2008 SD ₄₈	2009 12 31.7	06 43.68 +25 28.8 20.8	-1.00 + 0.6	0.8/31.6	50234
2000 SG ₁₆	2009 12 31.7	06 43.68 +33 49.8 19.4	-1.20 - 1.5	3.9/31.4	47149
2006 BY ₄₇	2009 12 31.7	06 43.71 +26 01.1 20.8	-1.05 + 1.2	1.0/31.5	47378
2002 QD ₉₄	2009 12 31.7	06 43.72 +25 06.6 21.3	-0.89 + 1.3	0.6/31.6	48874
2008 OF ₃	2009 12 31.7	06 43.73 +16 05.7 21.8	-1.07 + 2.6	2.3/01.3	43303
2007 GV ₅₀	2009 12 31.7	06 43.73 -15 52.9 21.1	-0.89 - 0.3	10.2/02.7	59793
2008 QW ₁	2009 12 31.7	06 43.74 +41 00.4 22.0	-1.34 - 1.0	5.7/31.1	47452

2001 HX ₂₈	2009 12 31.7	06 43.76 +54 23.2 19.3	-1.90 + 8.7	12.2/26.6	14611
2005 SS ₂₀	2009 12 31.7	06 43.80 +34 25.6 19.9	-1.29 + 2.2	4.7/31.0	95759
2000 LO ₂₃	2009 12 31.7	06 43.81 +14 11.0 19.4	-0.91 + 5.1	2.5/01.6	60729
2005 EV ₁₀₂	2009 12 31.7	06 43.82 +33 39.6 20.2	-1.02 - 0.9	3.5/31.3	47344
2005 TQ ₁₇₅	2009 12 31.7	06 43.83 +16 32.4 20.6	-1.13 + 3.4	2.5/01.3	18135
2001 RY ₁₃₈	2009 12 31.7	06 43.83 +23 12.9 19.0	-1.09 + 3.4	0.1/31.7	19541
2001 TW ₁₅₈	2009 12 31.7	06 43.84 +21 46.1 20.3	-1.12 + 1.2	0.6/31.8	97484
2008 RS ₃₄	2009 12 31.7	06 43.87 +29 32.4 20.0	-0.96 + 0.1	2.0/31.4	64336
2005 RT ₄₃	2009 12 31.7	06 43.88 +19 39.6 19.1	-1.04 + 2.3	1.7/01.0	21824
2000 JU ₃	2009 12 31.7	06 43.89 +47 04.7 19.1	-1.89 +13.1	11.0/27.5	40087
2005 QB ₁₁₄	2009 12 31.7	06 43.92 +10 00.7 21.1	-1.11 + 3.4	4.8/02.0	40138
2002 RR ₁₈₉	2009 12 31.7	06 43.97 +08 58.0 20.6	-0.81 + 1.0	4.0/01.7	47229
2003 RG ₆₀	2009 12 31.7	06 43.97 +28 13.9 18.1	-1.02 - 3.8	2.0/31.7	50960
2008 QH ₁₄	2009 12 31.7	06 43.97 +26 54.2 20.8	-1.16 + 0.3	1.4/31.6	58609
2008 SV ₆₃	2009 12 31.7	06 44.01 +16 56.9 21.1	-0.86 + 0.5	1.8/01.1	51074
2002 PW ₁₅₇	2009 12 31.7	06 44.01 +26 03.6 21.2	-0.91 + 0.9	0.9/31.6	50932
2005 QU ₅₅	2009 12 31.7	06 44.04 +18 54.4 21.6	-1.17 + 2.1	1.6/01.1	40396
2002 HR ₁₁	2009 12 31.7	06 44.13 +41 13.2 18.1	-1.60 +17.6	7.6/27.7	66132
2004 RK ₆₄	2009 12 31.8	06 44.01 +17 06.6 19.7	-1.00 + 1.1	2.4/01.2	20797
2005 VZ ₃₀	2009 12 31.8	06 44.02 +29 16.0 18.6	-1.16 + 4.9	2.9/31.2	66229
2001 TZ ₉₃	2009 12 31.8	06 44.06 +23 36.2 20.1	-1.16 + 0.5	0.2/31.8	66109
2008 TB ₁₅₁	2009 12 31.8	06 44.07 +18 31.0 21.1	-0.92 + 1.6	1.4/01.1	50449
2005 AF ₂₃	2009 12 31.8	06 44.07 +22 59.4 19.5	-0.95 + 5.3	0.0/31.8	43228
2002 CT ₁₄₅	2009 12 31.8	06 44.08 +28 40.0 19.1	-1.11 - 0.4	2.0/31.6	47202
2008 RN ₅₀	2009 12 31.8	06 44.09 +13 58.3 22.0	-0.97 + 0.8	2.9/01.4	46666
2003 XR ₂₄	2009 12 31.8	06 44.10 +39 33.7 20.1	-1.07 + 2.0	5.7/30.5	46112
2005 SM ₁₀₉	2009 12 31.8	06 44.13 +17 20.2 20.5	-1.12 + 0.8	2.5/01.1	22519
2005 SR ₇₁	2009 12 31.8	06 44.14 +18 54.0 20.4	-1.14 + 2.3	1.8/01.1	21828
2007 DY ₈₁	2009 12 31.8	06 44.15 +22 29.4 21.6	-1.13 + 2.5	0.2/31.9	59518
2008 TD ₇₁	2009 12 31.8	06 44.18 +10 47.7 20.4	-0.71 + 1.0	3.3/01.7	55516
2007 GG ₇₁	2009 12 31.8	06 44.19 +16 59.0 20.3	-1.10 + 2.0	2.4/01.2	47429
2001 RW ₁₄₁	2009 12 31.8	06 44.19 +13 43.7 20.3	-1.17 - 1.4	4.2/02.0	97461
2008 TW ₃₂	2009 12 31.8	06 44.20 +35 46.4 20.6	-0.98 + 1.7	3.4/31.0	52182
2001 EP ₁	2009 12 31.8	06 44.20 +26 36.2 17.1	-1.00 + 8.2	1.6/31.4	66101
2008 TD ₇₇	2009 12 31.8	06 44.23 +20 37.5 21.0	-0.92 + 1.2	0.7/01.0	50416
2002 AY ₅₁	2009 12 31.8	06 44.24 +23 06.4 19.0	-1.07 0.0	0.0/31.8	48855
2007 LL ₃₁	2009 12 31.8	06 44.25 +15 34.6 21.9	-0.96 + 4.6	2.2/01.6	21374
2004 PK ₁₄	2009 12 31.8	06 44.26 +40 58.4 19.5	-1.34 - 2.5	6.7/31.7	59727
2008 RQ ₁₁₁	2009 12 31.8	06 44.27 +43 15.0 20.6	-1.30 + 2.0	7.2/30.3	46701
2008 RY ₈₈	2009 12 31.8	06 44.28 +04 36.2 21.1	-0.85 + 0.3	5.5/02.0	59812
2002 BS ₂₄	2009 12 31.8	06 44.28 +20 22.8 18.7	-1.11 + 7.2	1.1/01.2	43145
2001 DA ₄₈	2009 12 31.8	06 44.28 +23 49.0 20.2	-1.01 + 2.2	0.3/31.8	00012
2004 FZ ₉₂	2009 12 31.8	06 44.31 +30 05.1 19.6	-1.27 + 1.7	3.2/31.4	16266
2006 DY ₅₄	2009 12 31.8	06 44.37 +36 31.1 20.4	-1.11 + 0.2	4.7/31.2	48994
2005 PQ ₅	2009 12 31.8	06 44.37 +26 21.0 23.0	-1.26 + 0.2	1.1/31.7	87717
2001 SG ₇₃	2009 12 31.8	06 44.40 +22 44.6 20.6	-1.14 - 0.3	0.1/31.9	47173
2006 HB ₈₆	2009 12 31.8	06 44.42 +07 44.7 20.7	-0.84 + 0.9	4.9/01.9	49005
2005 YV ₂₃₁	2009 12 31.8	06 44.43 +32 17.9 19.9	-1.18 - 3.3	3.4/31.7	98070
2002 QN ₁₁₂	2009 12 31.8	06 44.43 +26 35.6 22.4	-0.94 + 0.2	0.9/31.7	24369
2002 RP ₇₀	2009 12 31.8	06 44.45 +01 28.3 21.1	-0.80 + 1.2	6.1/02.6	45983
2004 TL ₇₈	2009 12 31.8	06 44.47 +22 11.4 19.2	-1.09 - 2.8	0.3/31.9	74382

2004 TY ₂₁₂	2009 12 31.8	06 44.49 -01 50.1 21.0	-0.95 - 0.8	8.2/02.4	73397	2005 ER ₈₆	2010 01 01.0	06 45.08 +23 11.6 18.6	-0.95 + 7.5	0.1/01.0	76851
2004 RH ₉	2009 12 31.8	06 44.49 +46 07.7 21.7	-1.66 - 6.5	6.9/02.0	40383	2008 RW ₇₂	2010 01 01.0	06 45.09 +26 10.4 20.4	-1.02 + 0.4	1.1/31.9	49040
2003 WZ ₄₈	2009 12 31.8	06 44.50 +29 45.4 21.2	-0.96 + 1.8	2.0/31.4	50966	2006 DH ₁₄	2010 01 01.0	06 45.10 +18 33.0 19.2	-0.98 + 4.7	1.7/01.5	11159
2003 UK ₆₆	2009 12 31.8	06 44.50 +03 43.8 20.2	-0.84 + 2.8	6.0/02.7	47269	2006 KG ₅₅	2010 01 01.0	06 45.11 +13 44.9 19.8	-0.88 0.0	3.3/01.5	58530
1998 FM ₂	2009 12 31.8	06 44.61 +67 06.0 20.8	-2.26 + 0.2	12.8/27.6	22657	2005 WC ₁₄₀	2010 01 01.0	06 45.16 +24 58.7 20.0	-1.10 + 1.4	0.8/31.9	19251
2001 SC ₂₈₅	2009 12 31.9	06 44.43 +11 35.9 20.0	-1.02 + 1.4	5.2/01.7	00060	2008 PZ ₁₁	2010 01 01.0	06 45.16 +18 12.7 21.4	-1.12 + 1.7	1.8/01.4	42990
2002 GX ₁₈₂	2009 12 31.9	06 44.44 +27 02.8 20.8	-1.04 + 1.7	1.4/31.6	45947	2000 QC ₁₀₄	2010 01 01.0	06 45.17 +21 47.2 18.9	-1.06 + 4.1	0.5/01.2	19525
2002 NK ₁₇	2009 12 31.9	06 44.45 +06 33.8 19.7	-0.90 - 3.0	4.6/01.4	59681	2008 TM ₆₁	2010 01 01.0	06 45.17 +22 50.1 21.1	-0.90 + 0.6	0.1/01.1	50404
2003 SK ₂₀₄	2009 12 31.9	06 44.46 +00 57.4 18.7	-0.86 - 1.2	7.3/02.1	50956	2008 UL ₂₂	2010 01 01.0	06 45.18 +08 26.4 20.9	-0.81 + 0.2	4.3/01.9	50481
2002 TW ₃₇₇	2009 12 31.9	06 44.51 +24 13.3 21.5	-0.87 + 1.3	0.3/31.8	46009	2005 GB ₁₄₄	2010 01 01.0	06 45.19 +61 11.9 20.2	-2.15 +11.1	19.6/23.7	28211
2002 BO ₁₉	2009 12 31.9	06 44.52 +27 11.7 18.8	-1.09 + 3.2	1.7/31.6	64179	2005 SR ₅₀	2010 01 01.0	06 45.20 +31 10.5 20.4	-1.25 + 1.5	3.3/31.6	16306
2005 BF ₂₈	2009 12 31.9	06 44.52 +22 38.4 19.0	-1.55 +19.4	0.2/32.0	40133	2008 SU ₁₁₀	2010 01 01.0	06 45.20 +36 42.8 20.8	-1.04 + 1.7	4.1/31.1	46806
2006 GK ₄₆	2009 12 31.9	06 44.54 +31 38.5 19.5	-0.97 + 2.7	2.6/31.2	51032	2002 AT ₁₇₃	2010 01 01.0	06 45.22 +41 05.0 20.2	-1.56 - 5.9	6.7/01.0	00139
2003 WB ₁₁₂	2009 12 31.9	06 44.55 +21 40.1 19.1	-0.93 - 1.9	0.5/32.0	66165	2008 RH ₁₀₈	2010 01 01.0	06 45.22 +25 33.4 20.2	-0.83 + 0.5	0.7/31.9	47474
2001 QN ₁₈₀	2009 12 31.9	06 44.56 +26 38.6 19.7	-1.18 + 1.9	1.3/31.7	66103	2001 SY ₁₃₆	2010 01 01.0	06 45.22 +18 51.9 19.9	-1.10 + 0.9	1.8/01.3	17950
2002 TG ₆₃	2009 12 31.9	06 44.59 +19 06.5 21.0	-1.20 + 0.5	1.6/01.1	14673	2005 CQ ₅₉	2010 01 01.0	06 45.22 +47 45.3 20.0	-1.40 - 5.5	8.2/01.1	29717
2008 QK ₃₅	2009 12 31.9	06 44.62 +18 33.1 20.1	-0.96 - 0.3	1.5/01.2	64336	2004 TR ₁₆₅	2010 01 01.0	06 45.23 +12 54.4 19.8	-1.01 + 0.2	4.0/01.6	47319
2005 YC ₂₁₁	2009 12 31.9	06 44.62 +29 39.0 18.8	-1.19 - 4.9	2.7/31.9	98068	2005 YV ₃₂	2010 01 01.0	06 45.26 +20 44.3 19.5	-1.01 + 0.7	1.1/01.2	96693
2008 SU ₂₈	2009 12 31.9	06 44.64 +25 12.2 20.7	-0.91 + 0.3	0.7/31.8	58162	2001 MK ₁₆	2010 01 01.0	06 45.26 +26 35.8 20.7	-1.20 + 0.9	1.3/31.9	48834
2008 RT ₁₀₅	2009 12 31.9	06 44.64 +21 14.1 19.6	-0.87 + 2.6	0.5/01.1	46696	2008 OZ ₁	2010 01 01.0	06 45.27 +12 43.8 20.6	-1.14 + 2.7	4.1/01.8	50131
2007 FF ₂₅	2009 12 31.9	06 44.68 +24 48.4 21.7	-1.13 + 1.3	0.6/31.8	46524	2002 GJ ₁₅₅	2010 01 01.0	06 45.27 +20 59.4 20.0	-1.00 + 3.0	0.7/01.2	47214
2002 JV ₁₄₄	2009 12 31.9	06 44.68 +09 37.9 19.9	-0.92 + 3.1	4.3/02.0	47216	2006 KY ₇	2010 01 01.0	06 45.32 +13 09.7 20.5	-0.83 - 0.7	2.9/01.5	50016
2000 RC ₇₉	2009 12 31.9	06 44.70 -21 18.0 20.7	-0.98 + 0.1	13.3/06.0	43108	2006 DE ₆₆	2010 01 01.0	06 45.34 +12 17.8 18.1	-0.93 +10.6	4.9/02.9	59772
3549 P-L	2009 12 31.9	06 44.71 +05 32.8 19.3	-1.10 - 0.3	7.2/02.1	59825	2008 TH ₃₁	2010 01 01.0	06 45.35 +24 40.7 21.1	-0.89 + 1.3	0.5/32.0	50390
2002 CD ₃₈	2009 12 31.9	06 44.74 +29 06.7 19.5	-1.14 - 1.9	2.3/31.8	47200	2005 CB ₆₂	2010 01 01.0	06 45.36 +08 14.6 20.0	-0.92 + 6.6	4.6/02.8	03661
2002 RC ₂₆₀	2009 12 31.9	06 44.74 +33 48.1 20.9	-0.98 + 0.2	3.2/31.4	45993	2007 EB ₄₄	2010 01 01.0	06 45.36 +25 56.6 21.5	-1.20 + 1.0	1.1/31.9	57122
2007 DL ₉₆	2009 12 31.9	06 44.77 +30 14.2 21.3	-1.20 + 0.3	2.5/31.6	46506	2003 ST ₇	2010 01 01.0	06 45.39 +35 51.5 18.8	-1.09 - 1.5	4.9/31.7	47255
2002 OM ₂₉	2009 12 31.9	06 44.78 +21 33.6 21.5	-1.24 + 2.5	0.6/01.1	21781	2001 YG ₁₀₇	2010 01 01.0	06 45.40 +17 01.6 17.8	-1.00 + 7.0	2.8/02.0	17984
2005 XN ₁₀₅	2009 12 31.9	06 44.79 +22 45.8 20.4	-1.03 + 2.3	0.1/32.0	96656	2005 YF ₁₁₅	2010 01 01.1	06 45.34 +28 26.1 21.2	-1.08 + 0.8	1.8/31.8	47368
2005 PQ ₁₈	2009 12 31.9	06 44.82 +13 42.7 21.1	-1.15 + 2.5	4.0/02.0	90221	2006 BR ₁₃₅	2010 01 01.1	06 45.37 +33 38.6 20.2	-1.12 - 0.3	3.6/31.6	47381
2008 TL ₁₅₁	2009 12 31.9	06 44.87 +22 37.3 20.2	-0.95 + 1.9	0.1/01.0	50450	2008 QK ₄₀	2010 01 01.1	06 45.38 +25 18.3 19.8	-1.03 - 0.4	0.8/01.0	46636
2007 HN ₄₃	2009 12 31.9	06 44.91 +16 45.9 20.3	-0.98 + 1.7	2.1/01.4	58566	2005 UQ ₄₇₈	2010 01 01.1	06 45.41 +21 56.2 20.4	-1.18 + 2.6	0.5/01.2	47358
1997 TQ ₈	2009 12 31.9	06 44.93 +20 06.9 21.3	-1.09 + 1.0	1.0/01.2	59646	2005 YG ₃₈	2010 01 01.1	06 45.42 +45 46.2 19.2	-1.29 + 3.0	10.6/30.2	66240
2005 TP ₅₇	2009 12 31.9	06 44.94 +30 51.5 20.6	-1.26 + 2.3	3.2/31.4	95999	2006 DV ₁₅₈	2010 01 01.1	06 45.42 +21 13.7 19.8	-0.94 + 1.8	0.6/01.2	48997
2007 DH ₁₅	2009 12 31.9	06 44.99 +33 50.4 20.1	-1.30 + 1.2	4.9/31.4	16091	2004 RE ₂₉₂	2010 01 01.1	06 45.42 +08 19.4 20.7	-0.97 + 0.5	4.7/02.1	46183
2001 SX ₁₄	2010 01 01.0	06 44.88 +23 53.8 19.9	-1.15 + 1.1	0.4/32.0	19542	2007 BL ₆₉	2010 01 01.1	06 45.43 +20 31.5 19.8	-1.14 + 2.7	1.2/01.3	41859
2004 TU ₁₆₁	2010 01 01.0	06 44.89 +19 44.7 21.1	-1.02 + 0.8	1.0/01.2	47319	2006 HQ ₇₄	2010 01 01.1	06 45.44 +07 44.5 19.8	-0.85 + 0.1	5.2/02.0	58528
2006 BL ₂₆₂	2010 01 01.0	06 44.90 +28 18.3 21.2	-1.02 + 0.8	1.6/31.7	57041	2005 EF ₁₁₇	2010 01 01.1	06 45.44 +26 43.3 19.6	-0.94 + 1.2	1.4/31.9	58848
2004 RK ₈₆	2010 01 01.0	06 44.91 +22 34.0 20.3	-1.10 - 0.8	0.2/01.0	86546	2004 SG ₃₁	2010 01 01.1	06 45.44 +28 09.4 19.9	-1.09 + 1.2	2.0/31.8	66182
1998 XA ₂₃	2010 01 01.0	06 44.92 +20 03.4 19.2	-1.16 + 0.2	1.3/01.2	62296	2005 QQ ₅₅	2010 01 01.1	06 45.46 +26 38.8 20.1	-1.23 + 0.9	1.6/31.9	58506
1998 SM ₉₅	2010 01 01.0	06 44.93 +35 29.9 19.2	-1.30 + 2.5	5.4/31.1	66085	2006 AQ ₃₃	2010 01 01.1	06 45.47 +31 12.1 20.4	-1.19 0.0	2.9/31.8	17661
2004 NO ₁₀	2010 01 01.0	06 44.93 +21 28.2 20.7	-1.07 + 2.3	0.5/01.1	59091	2008 SY ₁₁₃	2010 01 01.1	06 45.51 +36 36.6 21.1	-1.00 + 2.0	4.0/31.1	50273
2000 RH ₉₆	2010 01 01.0	06 44.99 +36 14.6 21.6	-1.25 - 1.7	4.4/31.7	70259	2002 BX ₂₆	2010 01 01.1	06 45.54 +28 22.5 18.7	-1.11 + 5.7	2.5/31.6	66125
2003 GW ₁₉	2010 01 01.0	06 45.01 +23 31.2 20.0	-1.14 + 1.3	0.2/32.0	43171	2005 YL ₈₂	2010 01 01.1	06 45.56 +19 21.4 20.1	-1.02 + 4.6	1.3/01.5	20830
1998 SC ₇	2010 01 01.0	06 45.01 +21 46.2 20.0	-1.19 + 1.2	0.5/01.1	21750	2004 RU ₁₇₄	2010 01 01.1	06 45.57 +27 58.1 20.3	-1.16 - 2.9	1.9/01.1	95395
2008 QB ₁₃	2010 01 01.0	06 45.03 +12 24.1 21.2	-1.03 + 2.1	3.6/01.8	46615	2005 TH ₁₇₀	2010 01 01.1	06 45.61 +24 40.8 18.9	-1.09 + 8.0	0.7/31.9	62442
2004 XX ₃	2010 01 01.0	06 45.05 +26 51.3 19.2	-1.02 + 2.8	1.4/31.7	64236	2002 TL ₂₂₁	2010 01 01.1	06 45.62 +13 13.9 20.3	-0.82 - 0.9	2.5/01.6	46006
2002 AT ₉₈	2010 01 01.0	06 45.05 +34 55.3 19.3	-1.29 - 5.8	5.0/01.2	62337	2006 DO ₁₄	2010 01 01.1	06 45.63 +23 56.5 19.4	-0.99 + 3.1	0.3/01.1	43259
2001 UR ₆₂	2010 01 01.0	06 45.06 +25 43.3 19.8	-1.18 - 1.1	1.1/31.9	66112	2006 FC ₁₆	2010 01 01.1	06 45.64 +39 00.8 21.0	-1.07 + 0.7	4.7/31.2	46450
2001 TZ ₂₅₉	2010 01 01.0	06 45.06 +13 29.7 20.0	-1.04 + 2.5	4.1/01.8	58801	2003 UJ ₂₇₉	2010 01 01.1	06 45.66 +34 33.6 19.5	-1.04 + 3.0	3.9/31.2	47276
2002 XJ ₅₂	2010 01 01.0	06 45.06 +24 00.4 19.1	-1.20 + 4.6	0.4/31.9	66145	2004 RP ₂₈₈	2010 01 01.1	06 45.67 +07 56.7 20.5	-0.97 + 4.6	5.1/02.8	59738