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EDITORIAL NOTICE

We apologize to those who use our free services on the WWW for several breakdowns in the system during the past month. As discussed in the Editorial Notice on *MPC* 43423, September provided a new extreme in record activity for the Minor Planet Center, mainly of course in attending to observations and orbits of main-belt minor planets, including a record number of new discoveries. The corresponding activity in October was at only a slightly reduced level, but it was sufficient to deplete on several occasions the available diskspace on the older computers used for most of the WWW services. We might note that the total number of observations in our files is now very close to 10 million, a tenfold increase in just six years.

The procedures that update the data provided in the WWW services were still carried out on the older computers, because—rightly or wrongly—it was considered more important for the small MPC staff to attend as promptly as possible to the large number of new observations of "ordinary" minor planets received every day. Although there is now in place an automatic process for acknowledging the receipt of observations sent to the address `mpc@cfa.harvard.edu`, and priority is given to the objects that are more obviously NEO candidates, the increased burden has recently resulted in delays of as long as 48 hours in our informing observers of identifications or new MPC designations for the objects they report. The problem of attending to observer reports is exacerbated by mistakes and inconsistencies in some of the designations of the objects reported, gross errors in the dates and times of observation, and extreme departures from the specified format that therefore require human (rather than computer) attention to decipher. Again, we apologize for the delays, which will presumably become more common as the volume of observations reported continues inexorably to increase, although we note that the current situation would be alleviated by the addition of one or two members to the MPC staff.

With the situation near breaking point, MPC Associate Director Gareth Williams has put in a heroic effort in the past week or two to get some of the WWW services, as well as the production of the "Daily Orbit Update" *MPEC*s, operating on the cluster of modern computers developed over the past couple of years as the result of much-appreciated gifts from the Tamkin Foundation. The totality of activities carried out by the MPC is one of extreme complexity, and both the transfer of procedures from the old computers to the new and the introduction of new procedures have necessarily been rather gradual processes, often hampered by hardware problems (cf. *MPC* 42427) that would be much better solved if the MPC could employ, even part-time, a systems manager/engineer.

Because of the above-mentioned difficulties, as well as an urgent need over the full-moon respite from observational activity to spend time getting additional procedures properly operating on the computer cluster, this batch of *MPC*s is a "mini" batch (cf. *MPC* 42649). The observations of minor planets received during the past two weeks will be published shortly in a "mid-month" *MPS* batch, and they will be documented and filed at the time of the preparation of the Nov. 30 *MPC*s. Orbital elements for minor planets are of course appearing in their usual temporary fashion in the DOU *MPEC*s.

The MPC sometimes receives unsolicited advice on how some of its activities, e.g., involving NEOs, could be transferred to other organizations. With the use of The NEO Confirmation Page and both the individual and the DOU *MPEC*s, it has been widely acknowledged that the NEO activity is handled very well, given that not every perceived NEO candidate turns out to be an NEO (or even a real celestial object); that some NEOs at times masquerade as main-belt minor planets; and that there has in recent years been the increasing problem of recognizing when an apparently asteroidal object is in fact a comet—the discovery announcement of which would then be made by the Central Bureau for Astronomical Telegrams, which is conveniently co-located with the MPC at the Smithsonian Astrophysical Observatory. Of course, other aspects of NEO research can and should be carried out at other organizations. For example, the group at the University of Pisa uses the observations and preliminary orbit computations published by the MPC to make variant computations needed to recognize for its "risk page" `http://newton.dm.unipi.it` objects that have a nonzero probability of earth impact during the next century.

As was mentioned on *MPC* 42955–42956, one area of current MPC activity that could rather obviously be handled by a separate organization is the receipt of proposals of names of minor planets and the submission of computer files of edited citations for *MPC* publication after adjudication by the Committee for Small-Body Nomenclature. Following, but not because of, this mention in the July 5 *MPC*s, the whole question of the appropriateness of continuing to name minor planets has been discussed by various groups within the IAU, including again the CSBN. Although a final decision on the subject is far from being made, it was decided that the CSBN should conduct an experiment with regard to the set of names proposed for the current batch of *MPC*s. This was done rather than follow the advice on *MPC* 42956, which was to accept only those names and citations that were submitted in the proper form. If that advice had been followed, only 36 of the relatively small set of 97 submissions during July 31–Sept. 10 would have qualified, subject to the need in some cases to rewrite the citations in more acceptable English. Furthermore, to do this would have eliminated many very good proposals in a set that the CSBN felt was of particularly high quality—in rather sharp contrast to the name proposals submitted for the July 5 *MPC*s. The procedure followed was to ask each of the 13 CSBN members to select (secretly) up to "about" 10 of the 97 proposals as worthy of further consideration. The 54 name proposals selected by at least one member were then made known to the CSBN members, and each member was asked to vote (again secretly) for up to 20 of these names. The outcome was that one name received 9 votes, three names received 8 votes, two received 7 votes, five received 6 votes, five received 5 votes and ten received 4 votes. These 26 names were therefore deemed those accepted. At this point—*and not earlier*—the corresponding citations were edited for publication on *MPC* 43762–43763.

While there are obvious merits to the above procedure (raising the standards of minor-planet names; reversing the fact that minor-planet naming has become so commonplace and indiscrimate that to have a minor planet named for one can nowadays scarcely be considered an "honor"; greatly reducing the time and effort spent by the MPC editing and otherwise verifying citations that are not very understandable; greatly reducing the back-and-forth discussion in the CSBN on names that are questionable), the CSBN is well aware that not everybody will be happy with the result. In particular, while some names honoring amateur astronomers were accepted, they are clearly underrepresented in the total, and names that are solely of significance to the proposers and their friends were excluded. Nevertheless, it would be difficult to argue that acceptance of just the 36 proposals that were properly formatted would have been a better choice.

Since the action this time by the CSBN was an experiment, not preannounced, it would be inappropriate to reject the other 71 names outright. Most of these other names are therefore likely to be accepted by the CSBN for publication in future *MPC* batches, with their citations properly edited as time permits. Of course, this by no means solves the naming problem, and the MPC has already received 129 further name proposals (again just 36 of them properly formatted!) that will be sent late next week to the CSBN for consideration for publication in the Dec. 30 *MPC*s.

So we come back to the matter of proper funding for the MPC. Recommendation 7 of the U.K. Government *Report of the Task Force on potentially hazardous Near Earth Objects* (Sept. 2000) requests that the (U.K.) Government and other interested parties "seek ways of putting the governance and funding of the Minor Planet Center on a robust international footing"; and Recommendation 2/2 of a workshop consponsored by the American Institute of Aeronautics and Astronautics, the U.N. Office of Outer Space Affairs, the Confederation of European Aerospace Societies and the International Academy of Astronautics, *International Space Cooperation: Addressing Challenges of the New Millennium* (Mar. 2001), also states that the MPC "should be put on an adequate and stable financial footing". It ought to be clear from much of what is stated in the above paragraphs that the matter is now becoming rather urgent. Traditionally, the MPC has relied on the time-honored practice of generating income from subscriptions to its services to cover a large fraction of its expenses. The recent policy of the IAU has been to discourage funding of this type, which is in any case difficult to assure nowadays, when services are largely provided electronically, rather than via printed pages (even though the change from paper to electronic actually increases the expenses, because of a desire to publish more material and more quickly). In recent years, the diminishing subscriptional support has been supplemented by what was first a grant from and then a contract with NASA. While this support has become essential to the operation of the MPC, it is not a help when NASA "stretches" a year to 19 months, and the internationality of the MPC makes it inappropriate that it receive its entire funding from a single government.

One clause of the contract signed between the IAU and the Smithsonian Astrophysical Observatory on Apr. 17 reads: "Should their combined resources be inadequate to operate the MPC at the desirable level of activity, the IAU and SAO will collaborate to identify and attract additional funding and/or staff for the MPC operations." Although the MPC has sought advice on this topic from the IAU Minor Planet Center Advisory Committee on more than one occasion since the contract was signed, no advice whatsoever has been forthcoming. Indeed, the principal response from the MPCAC Chair has been a statement, dated Oct. 26, "officially, on behalf of the MPCAC" to the effect that our making available single-night detections of unidentified minor planets by `ftp` (cf. *MPC* 43423), though carried out as required within six months of the signing of the contract, was "contrary" to the terms of the contract. Certainly, this first attempt at making the "one-night stands" available was incomplete in that it did not yet contain any observations made prior to 2001: obviously, the intention is to add earlier data (back to 1992) as time permits them to be collected together. Furthermore, while some may consider the "release" of the ONS to be a high-priority task for the MPC, past experience with the ONS suggests otherwise (cf. *MPC* 42955).

In the absence—so far—of "robust" or "stable" future funding for the MPC, stopgap measures are of course welcome. The simplest measure is to encourage more subscribers. While detailed information about subscriptions can be obtained from `iausubs@cfa.harvard.edu`, we note here that the regular monthly subscription rate for the printed *MPC*s is $22.50, that for the Computer Service is $10.00, and the latter can be combined with the Extended Computer Service (which includes all the MPC files) for $35.00. Donations can also be accepted. On *MPC* 42955 there was mention of a possible fee for processing name proposals: the amount discussed was in the neighborhood of $20.00–$30.00 per name, and it must be stressed that this is strictly a fee that would allow a name and citation to be prepared for publication—*not* an indication that the name is being "sold" (i.e., along the lines of the International Star Registry). Yet another suggestion is that a fee be instituted for processing observations, perhaps in the range 0.1–1¢ per observation, with a minimum charge of $1.00 per e-mail message that could be waived for observations of objects on The NEOCP.

In making suggestions for financial support like those in the previous paragraph, we do not wish to alienate amateur astronomers, who in contributing observations also contribute their time. Nevertheless, an amateur does have a choice of what he or she does, and the MPC has always tried to be meticulous about assigning credit to amateurs for their work. But all contributors (amateur or professional) of data to the MPC, as well as those who either make free use of MPC services or seek advice directly from the MPC staff, should be aware of the strain the ever-increasing activity on minor planets is now placing on a staff of 2.5 people. Remember that, after all, if an MPC staff member is on the job after he has put in the 40 hours per week for which he is paid, he, too, becomes an amateur; furthermore, to get the job done, he has little choice but to spend time checking out a batch of observations of numbered minor planets, a process for which there is scant credit, whether or not the observations have actually been identified by the observer.

When the Minor Planet Center was located at the Cincinnati Observatory it was common for as long as *six months* to elapse between the publication of batches of *MPC*s. And although the Cincinnati staff was comparable in size to what it is now, the total amount of data processed during those *30 years* was some *three times less* than what was processed by the MPC in Cambridge during *September 2001 alone*. When the MPC moved to SAO in 1978 the decision was made to issue the *MPC*s in monthly batches. In doing so, we were able to maintain the quality control, documentation and referenceability that was the hallmark of the Cincinnati operation—and, indeed, should be expected of any work carried out on behalf of the IAU. For more than 23 years this monthly publication has in fact appeared, with only a very occasional month missed (and then by prior arrangement) because of staff attendance at scientific meetings, occasional vacations, etc. In response to the current widespread interest in minor planets—which was never the case when the MPC was in Cincinnati—the MPC is nowadays updating information on new discoveries of NEOs several times a day (a task formerly handled by the CBAT); observations of NEOs and orbit computations for minor planets generally are provided daily; and in recent months, by means of the *MPS*s and *MPEC*s, we have been publishing fully checked observations of minor planets and the recent comets twice a month. Obviously, we should like to maintain, even to improve on, the services the MPC provides, in terms of both frequency and content. But, given the intolerability of the present financial situation, which both prevents the expansion of the MPC staff and may in fact result in its reduction, it will be impossible to respond to all but the most urgent communications from observers and others with its traditional almost legendary speed, and it may be necessary to cut back on the frequency with which its present services are updated or otherwise provided.

ERRATUM

MPC	Line	
43458	32 to 38	The contact for 381 Kiso should be Y. Ohba, Graduate School of Science, University of Tokyo, Araku 866-152, Iruma, Saitama-ken, 358-0031 Japan [ohba@planeta.sci.isas.ac.jp] and the observers M. Abe, M. Ishiguro, Y. Takagi, Y. Ohba

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 43423. 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	$\rho\cos\phi'$	$\rho\sin\phi'$	
237	2.7333	0.6822	+0.7288	Baugy
238	10.9094	0.50204	+0.86197	Grorudalen Optical Observatory
239	8.4114	0.64506	+0.76159	Michael Adrian Observatory, Trebur
448	253.2801	0.84543	+0.53268	Desert Moon Observatory, Las Cruces
449	279.6503	0.82617	+0.56156	Griffin Hunter Observatory
450	279.3339	0.81857	+0.57254	Carla Jane Observatory, Charlotte
451	262.7569	0.79447	+0.60536	West Skies Observatory, Mulvane
452	279.1063	0.8980	+0.4385	Big Cypress Observatory
453	242.1331	0.82030	+0.57021	Edwards Raven Observatory
454	283.3768	0.77454	+0.63042	Maryland Space Grant Consortium Observatory

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

046 Kleť. 0.57-m $f/5.2$ reflector + CCD. Observers J. Tichá, M. Tichý and M. Kočer.
056 Skalnaté Pleso. 0.3-m $f/5$ Zeiss astrograph. Observers J. Svoreň, G. Červák and P. Rychtarčík.
097 Wise Observatory. 1-m $f/7$ reflector + CCD. Observer E. O. Ofek.
107 Cavezzo. 0.40-m $f/5.5$ reflector + CCD. Observer M. Nicolini.
118 Modra. 0.6-m $f/5.5$ reflector + CCD. Observers A. Galád, Š. Gajdoš, L. Kornoš and J. Tóth.
151 Winterthur. 0.40-m $f/5.9$ hypergraph + CCD. Observer M. Griesser.
157 Frasso Sabino. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD. Observers R. Haver, F. Anzellini and A. Pelloni.
162 Potenza. 0.20-m $f/6.3$ reflector + CCD. Observer A. M. Giambersio.
165 Piera Observatory, Barcelona. 0.40-m $f/2$ Schmidt + CCD. Observer J. Guarro.
170 Begues. 0.26-m Schmidt-Cassegrain + CCD. Observer J. Manteca.
198 Wildberg. 0.235-m Schmidt-Cassegrain + CCD. Observer R. Apitzsch.
201 Postel Observatory. 0.30-m $f/10.0$ reflector + CCD. Observer V. Pozzoli.
213 Observatorio Montcabre. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD. Observer R. Naves N.
215 Buchloe. 0.44-m $f/4.6$ reflector + CCD. Observer W. Hasubick.
232 Masquefa Observatory. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer E. Reina L.
235 Talmassons. 0.35-m $f/3.5$ reflector + CCD. Observer R. Ligustri.
238 Grorudalen Optical Observatory. 0.61-m $f/3.2$ reflector + CCD. Observer O. Trondal.
249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measured by D. Hammer. Reduction by B. G. Marsden.
291 Kitt Peak, Spacewatch II. 1.8-m Spacewatch Telescope + CCD. Observer J. A. Larsen.
300 BATTeRS. 0.50-m $f/2.0$ reflector + CCD. Observers A. Asami, D. J. Asher, S. Hashimoto, S. Isobe, S. Nakano, Y. Oshima, J. Terazono, T. Urata and M. Yoshikawa.
306 Barquisimeto. 0.28-m $f/10$ Schmidt-Cassegrain + CCD. Observers J. Guerrero and V. Ladino.
321 Craigie. 0.25-m Schmidt-Cassegrain + CCD. Observer G. G. Bolt.
340 Toyonaka. 0.3-m $f/6.0$ reflector + CCD. Observer Y. Ezaki.
342 Shishikui. 0.15-m $f/5.0$ refractor + CCD. Observer H. Maeno.
349 Ageo. 0.18-m $f/5.5$ reflector + CCD. Observer K. Kadota.
355 Hadano. 0.28-m $f/5.0$ reflector + CCD. Observer A. Asami.
360 Kuma Kogen. 0.60-m $f/5.8$ Ritchey-Chrétien + CCD. Observer A. Nakamura.
372 Geisei. 0.60-m $f/3.5$ reflector. Observer T. Seki. In part from *Orient. Astron. Assoc. Comet Bull.*
392 JCPM Sapporo Station. 0.30-m $f/2.7$ Schmidt camera. Observer K. Watanabe.
402 Dynic Astronomical Observatory. 0.60-m $f/3.7$ reflector + CCD. Observer A. Sugie.
422 Loomberah. 0.25-m reflector + CCD. Observer G. J. Garradd.
451 West Skies Observatory, Mulvane. 0.25-m Schmidt-Cassegrain + CCD. Observer J. D. West.
452 Big Cypress Observatory. 0.25-m Schmidt-Cassegrain + CCD. Observer L. Nemec.
458 Guadarrama Observatory. 0.20-m $f/4$ Newtonian + CCD. Observer D. Rodriguez.
557 Ondřejov. 0.65-m $f/3.6$ reflector + CCD. Observers P. Pravec, L. Šarounová and P. Kušnirák.

595 Farra d'Isonzo. 0.40-m $f/4.5$ reflector + CCD. Observers G. Lombardi, E. Pettarin and F. Piani.
599 Campo Imperatore. 0.60-m $f/3$ Schmidt + CCD. Observers A. Boattini and F. Bernardi.
608 Haleakala-AMOS. 1.2-m reflector + CCD. Observers E. F. Helin, S. Pravdo, K. J. Lawrence, P. Kervin, R. Maeda and M. Skinner.
629 Szeged. 0.28-m Schmidt-Cassegrain + CCD. Observer K. Sárneczky.
636 Essen. 0.32-m $f/5.7$ reflector + CCD. Observers T. Payer and A. Knöfel.
642 Oak Bay, Victoria. 0.235-m $f/5.6$ Schmidt-Cassegrain + CCD. Observer C. E. Spratt.
644 Palomar/NEAT. 1.2-m Oschin Schmidt + CCD. Observers E. F. Helin, S. Pravdo, K. Lawrence, M. Hicks, E. Hovland, T. Bickler, J. Schroeder, L. Scherr, R. Thicksten and A. Deetz.
649 Powell Observatory. 0.75-m reflector + CCD. Observers K. Smalley and D. Trentman.
651 Grasslands Observatory, Tucson. 0.62-m $f/5.1$ Newtonian + CCD. Observer J. E. McGaha.
670 Camarillo. 0.25-m Schmidt-Cassegrain + CCD. Observer J. E. Rogers.
678 Fountain Hills. 0.32-m $f/4.5$ reflector + CCD. Observer C. W. Juels.
683 Goodricke-Pigott Observatory. 0.36-m $f/11$ reflector + CCD. Observer R. A. Tucker.
699 LONEOS. 0.59-m Schmidt + CCD. Observers B. A. Skiff and B. W. Koehn.
704 LINEAR. 1.0-m $f/2.15$ reflector + CCD. Observers M. Blythe, F. Shelly, M. Bezpalko, M. Elowitz and R. Huber. Measured by J. Stuart, H. Viggh, R. Sayer and J. B. Evans.
711 McDonald. 0.76-m reflector + CCD. Observers P. J. Shelus and J. G. Reis.
750 Hobbs Observatory, Fall Creek. 0.6-m $f/5$ telescope + CCD. Observer R. Elliott.
844 Los Molinos. 0.35-m $f/6.4$ reflector + CCD. Observer F. Gutierrez. Measured by F. Artigue.
850 Cordell-Lorenz Observatory. 0.3-m $f/5.7$ Schmidt-Cassegrain + CCD. Observer D. T. Durig.
859 Serra da Piedade. 0.30-m $f/3.3$ reflector + CCD. Observer C. Jacques.
860 Valinhos. 0.36-m $f/3.6$ Schmidt-Cassegrain + CCD. Observer P. R. Holvorcem.
867 Saji Observatory. 1.03-m $f/4.8$ reflector + CCD. Observer T. Oribe.
921 Southwest Institute for Space Research. 0.30-m Schmidt-Cassegrain + CCD. Observer A. Hale.
941 Observatorio Pla D'Arguines. 0.26-m $f/10$ Schmidt-Cassegrain + CCD. Observer R. Ferrando.
945 Monte Deva. 0.36-m reflector + CCD. Observers J. Vidal, E. Riego and R. Cuesta. Measured by R. Cuesta.
946 Ametlla de Mar. 0.30-m $f/5.0$ reflector + CCD. Observer J. Nomen.
952 Marxuquera. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer J. J. Gomez D.
970 Chelmsford. 0.30-m $f/5.25$ reflector + CCD. Observer N. D. James.

Object	Date UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/1995 O1 (Hale-Bopp)					
C/1995 O1	1996 08 09.90278	17 59 31.08	−08 07 53.5		056
C/1995 O1	1996 08 10.88681	17 58 22.19	−08 03 07.3		056
C/1995 O1	1996 08 10.92431	17 58 19.50	−08 02 55.1		056
C/1995 O1	1996 10 12.75972	17 31 27.58	−04 25 35.8		056
C/1995 O1	1996 10 13.73403	17 31 43.39	−04 22 36.3		056
C/1995 O1	1996 10 14.72431	17 32 01.13	−04 19 33.3		056
C/1995 O1	1996 10 21.74653	17 34 34.50	−03 56 54.2		056
C/1995 Q1 (Bradfield)					
C/1995 Q1	1995 10 06.12083	11 10 09.30	+24 50 30.3		056
C/1995 Q1	1995 10 15.12986	11 09 30.01	+30 54 50.8		056
C/1995 Q1	1995 10 27.13067	11 06 58.55	+40 18 14.1		056
C/1995 Y1 (Hyakutake)					
C/1995 Y1	1996 01 31.19306	16 56 46.86	−10 50 11.0		056
C/1995 Y1	1996 02 02.18495	17 06 44.58	−09 30 18.1		056
C/1995 Y1	1996 02 26.13125	19 08 05.93	+08 27 10.0		056
C/1995 Y1	1996 02 27.13472	19 13 01.56	+09 10 45.4		056
C/1995 Y1	1996 02 28.12500	19 17 51.88	+09 53 09.4		056
C/1995 Y1	1996 02 28.15556	19 18 00.68	+09 54 29.4		056
C/1996 B1 (Szczepanski)					
C/1996 B1	1996 02 29.10295	11 12 46.84	+33 08 27.7		056
C/1996 B1	1996 03 08.79028	10 28 36.92	+20 57 47.8		056
C/1996 B1	1996 03 08.82708	10 28 27.52	+20 54 43.6		056
C/1996 B2 (Hyakutake)					
C/1996 B2	1996 03 18.91233	14 54 14.03	−04 46 00.7		056
C/1996 B2	1996 03 20.93542	14 52 21.50	+04 41 50.7		056
C/1996 B2	1996 03 20.94514	14 52 20.72	+04 45 26.8		056
C/1996 B2	1996 03 23.91111	14 44 08.34	+35 16 00.0		056
C/1996 B2	1996 03 23.92361	14 44 04.07	+35 27 42.6		056
C/1996 B2	1996 03 25.94236	14 13 17.14	+71 09 14.6		056
C/1996 B2	1996 03 25.95278	14 12 50.25	+71 20 13.0		056
C/1996 B5 (SOHO)					
C/1996 B5	1996 01 29.35244	21 01 24.2	−19 25 13		249
Geocentric position (AU)	+0.00197046	−0.00876002	−0.00406183		
C/1996 B5	1996 01 29.36660	21 01 12.5	−19 23 01		249
Geocentric position (AU)	+0.00197247	−0.00875949	−0.00406117		
C/1996 B5	1996 01 29.38075	21 01 02.2	−19 20 59		249
Geocentric position (AU)	+0.00197448	−0.00875895	−0.00406051		
C/1996 B5	1996 01 29.39493	21 00 49.9	−19 18 04		249
Geocentric position (AU)	+0.00197649	−0.00875841	−0.00405984		
C/1996 B5	1996 01 29.40906	21 00 38.5	−19 16 20		249
Geocentric position (AU)	+0.00197850	−0.00875788	−0.00405918		
C/1996 B5	1996 01 29.42323	21 00 26.5	−19 14 04		249
Geocentric position (AU)	+0.00198051	−0.00875734	−0.00405852		
C/1996 B5	1996 01 29.43740	21 00 14.6	−19 11 22		249
Geocentric position (AU)	+0.00198252	−0.00875680	−0.00405785		
C/1996 B5	1996 01 29.45166	21 00 03.6	−19 09 16		249
Geocentric position (AU)	+0.00198455	−0.00875626	−0.00405718		
C/1996 B5	1996 01 29.46582	20 59 49.9	−19 07 06		249
Geocentric position (AU)	+0.00198656	−0.00875572	−0.00405652		
C/1996 B5	1996 01 29.47995	20 59 36.8	−19 04 51		249
Geocentric position (AU)	+0.00198857	−0.00875518	−0.00405585		
C/1996 B5	1996 01 29.49415	20 59 26.2	−19 02 59		249
Geocentric position (AU)	+0.00199059	−0.00875463	−0.00405519		

C/1996 B5	1996 01 29.50833	20 59 10.7	−19 00 29			249
Geocentric position (AU)	+0.00199261	−0.00875409	−0.00405452			
C/1996 B5	1996 01 29.52250	20 58 58.8	−18 57 58			249
Geocentric position (AU)	+0.00199462	−0.00875354	−0.00405385			
C/1996 B5	1996 01 29.53666	20 58 44.4	−18 55 23			249
Geocentric position (AU)	+0.00199663	−0.00875300	−0.00405319			
C/1996 B5	1996 01 29.54784	20 58 35.9	−18 53 49			249
Geocentric position (AU)	+0.00199823	−0.00875257	−0.00405266			
C/1996 B5	1996 01 29.56204	20 58 23.0	−18 51 22			249
Geocentric position (AU)	+0.00200025	−0.00875202	−0.00405199			
C/1996 B5	1996 01 29.57618	20 58 05.4	−18 49 02			249
Geocentric position (AU)	+0.00200226	−0.00875148	−0.00405132			
C/1996 B5	1996 01 29.59034	20 57 51.8	−18 46 29			249
Geocentric position (AU)	+0.00200428	−0.00875093	−0.00405065			
C/1996 N1 (Brewington)						
C/1996 N1	1996 08 09.83542	13 24 41.05	+36 01 08.6			056
C/1996 Q1 (Tabur)						
C/1996 Q1	1996 10 07.81586	09 06 49.12	+50 28 19.5			056
C/1996 Q1	1996 10 07.83160	09 07 09.69	+50 30 06.0			056
C/1996 Q1	1996 10 08.83403	09 30 10.65	+52 15 18.7			056
C/1996 Q1	1996 10 08.87708	09 31 12.52	+52 19 26.8			056
C/1996 Q1	1996 10 12.87500	11 11 11.81	+55 49 09.4			056
C/1996 Q1	1996 10 13.87222	11 35 20.30	+55 50 10.6			056
C/1996 Q1	1996 10 13.88889	11 35 43.92	+55 50 03.7			056
C/1996 Q1	1996 10 15.07130	12 02 34.83	+55 29 28.1			056
C/1996 Q1	1996 10 15.08490	12 02 52.38	+55 29 08.7			056
C/1996 R4 (SOHO)						
C/1996 R4	1996 09 14.80428	11 19 21.3	+02 23 53			249
Geocentric position (AU)	−0.00848817	+0.00019635	+0.00088059			
C/1996 R4	1996 09 14.82298	11 19 52.7	+02 25 11			249
Geocentric position (AU)	−0.00848871	+0.00019101	+0.00087819			
C/1996 R4	1996 09 14.84872	11 20 34.9	+02 26 37			249
Geocentric position (AU)	−0.00848944	+0.00018366	+0.00087488			
C/1996 R4	1996 09 14.85005	11 20 39.5	+02 26 32			249
Geocentric position (AU)	−0.00848948	+0.00018319	+0.00087467			
C/1996 R4	1996 09 14.85393	11 20 43.2	+02 27 38			249
Geocentric position (AU)	−0.00848959	+0.00018209	+0.00087418			
C/1996 R4	1996 09 14.86475	11 21 02.0	+02 27 35			249
Geocentric position (AU)	−0.00848989	+0.00017910	+0.00087283			
C/1996 R4	1996 09 14.90770	11 22 16.9	+02 30 19			249
Geocentric position (AU)	−0.00849109	+0.00016684	+0.00086732			
C/1996 R4	1996 09 14.92786	11 22 53.5	+02 31 20			249
Geocentric position (AU)	−0.00849165	+0.00016109	+0.00086473			
C/1997 BA_6 (Spacewatch)						
C/1997 BA_6	2001 10 04.83421	20 51 02.77	−01 35 41.0	16.5	T	213
C/1997 BA_6	2001 10 04.83941	20 51 02.47	−01 35 41.5	16.5	T	213
C/1997 BA_6	2001 10 04.85049	20 51 02.21	−01 35 38.9	16.5	T	213
C/1997 BA_6	2001 10 04.86108	20 51 02.16	−01 35 39.0	16.5	T	213
C/1997 BA_6	2001 10 07.82522	20 50 19.20	−01 34 46.4	16.8	T	213
C/1997 BA_6	2001 10 07.82990	20 50 19.11	−01 34 45.6	16.8	T	213
C/1997 BA_6	2001 10 07.83456	20 50 19.13	−01 34 45.8	16.8	T	213

C/1997 BA_6	2001 10 07.84389	20 50 18.91	−01 34 44.3	16.8	T	213
C/1997 BA_6	2001 10 08.85030	20 50 05.68	−01 34 25.2	16.7	T	170
C/1997 BA_6	2001 10 08.86345	20 50 05.54	−01 34 24.4	16.7	T	170
C/1997 BA_6	2001 10 11.85961	20 49 29.96	−01 33 18.1	16.7	N	170
C/1997 BA_6	2001 10 11.88182	20 49 29.62	−01 33 17.8	16.7	N	170
C/1997 BA_6	2001 10 13.45284	20 49 13.62	−01 32 37.6			349
C/1997 BA_6	2001 10 13.45509	20 49 13.53	−01 32 36.5			349
C/1997 BA_6	2001 10 13.45736	20 49 13.45	−01 32 37.8	16.5	T	349
C/1997 BA_6	2001 10 21.80554	20 48 13.88	−01 28 17.1	16.6	T	170
C/1999 K8 (LINEAR)						
C/1999 K8	2001 10 14.74313	04 29 59.10	−22 52 52.1	17.3	T	360
C/1999 K8	2001 10 14.74590	04 29 59.09	−22 52 53.3			360
C/1999 K8	2001 10 15.40495	04 29 50.41	−22 58 10.8	19.4	T	704
C/1999 K8	2001 10 15.42108	04 29 50.03	−22 58 18.8	19.2	T	704
C/1999 K8	2001 10 15.43666	04 29 49.97	−22 58 26.8	19.1	T	704
C/1999 K8	2001 10 15.45228	04 29 49.74	−22 58 34.9	19.5	T	704
C/1999 K8	2001 10 15.46804	04 29 49.58	−22 58 43.9	19.4	T	704
C/1999 S2 (McNaught-Watson)						
C/1999 S2	2001 10 14.72235	04 00 08.39	−33 47 43.1	18.7	T	1 360
C/1999 S2	2001 10 14.72769	04 00 08.16	−33 47 43.6			1 360
C/1999 S2	2001 10 14.73182	04 00 08.25	−33 47 44.8			1 360
C/1999 T1 (McNaught-Hartley)						
C/1999 T1	2001 10 12.46266	17 43 01.67	+52 23 30.1	17.0	T	360
C/1999 T1	2001 10 12.46508	17 43 01.86	+52 23 28.3			360
C/1999 T1	2001 10 23.41200	17 58 44.03	+50 22 40.6	17.1	T	402
C/1999 T1	2001 10 23.41464	17 58 44.26	+50 22 41.3			402
C/1999 T1	2001 10 23.41728	17 58 44.56	+50 22 37.7			402
C/1999 U4 (Catalina-Skiff)						
C/1999 U4	2001 10 12.82190	09 34 19.24	+68 09 57.7			349
C/1999 U4	2001 10 12.82443	09 34 19.49	+68 09 59.6			349
C/1999 U4	2001 10 12.82696	09 34 19.78	+68 09 59.2	16.3	T	349
C/1999 U4	2001 10 12.95354	09 34 38.06	+68 10 30.3	16.3	N	235
C/1999 U4	2001 10 13.16226	09 35 05.56	+68 11 18.7			201
C/1999 U4	2001 10 13.17017	09 35 06.58	+68 11 20.4			201
C/1999 U4	2001 10 13.17740	09 35 07.55	+68 11 22.0			201
C/1999 U4	2001 10 18.70660	09 47 31.93	+68 33 24.6			342
C/1999 U4	2001 10 18.73715	09 47 36.04	+68 33 32.0			342
C/1999 U4	2001 10 23.65327	09 58 22.10	+68 53 44.9			349
C/1999 U4	2001 10 23.65889	09 58 22.89	+68 53 45.8			349
C/1999 U4	2001 10 23.66476	09 58 23.61	+68 53 47.3			349
C/1999 U4	2001 10 23.66860	09 58 24.13	+68 53 48.9	16.1	T	349
C/1999 Y1 (LINEAR)						
C/1999 Y1	2001 10 06.10863	22 11 23.23	−53 16 02.0	12.7	T	844
C/1999 Y1	2001 10 06.11610	22 11 22.07	−53 16 03.4	13.0	T	844
C/1999 Y1	2001 10 06.12846	22 11 20.51	−53 16 05.7	13.0	T	844
C/1999 Y1	2001 10 14.13352	21 54 56.73	−53 33 42.2	12.4	T	844
C/1999 Y1	2001 10 14.13726	21 54 56.28	−53 33 42.2	12.2	T	844
C/1999 Y1	2001 10 14.14561	21 54 55.36	−53 33 42.5	12.4	T	844

C/2000 CT_{54} (LINEAR)

C/2000 CT_{54}	2001 10 06.14189	22 25 45.18	−64 20 50.4	14.7 T	844
C/2000 CT_{54}	2001 10 06.16093	22 25 44.65	−64 20 28.2	14.7 T	844
C/2000 CT_{54}	2001 10 06.17054	22 25 43.87	−64 20 16.4	14.7 T	844

C/2000 K2 (LINEAR)

C/2000 K2	2001 10 10.39513	01 53 42.50	+04 51 46.6	16.4 T	644
C/2000 K2	2001 10 10.41633	01 53 41.85	+04 51 37.9	16.4 T	644
C/2000 K2	2001 10 10.43737	01 53 41.16	+04 51 29.5	16.3 T	644
C/2000 K2	2001 10 13.24698	01 52 15.41	+04 32 32.3	17.1 T	704
C/2000 K2	2001 10 13.26353	01 52 14.93	+04 32 25.1	17.7 T	704
C/2000 K2	2001 10 13.27938	01 52 14.42	+04 32 18.5	17.6 T	704
C/2000 K2	2001 10 13.29616	01 52 14.00	+04 32 10.6	18.1 T	704
C/2000 K2	2001 10 13.31163	01 52 13.44	+04 32 03.9	17.7 T	704
C/2000 K2	2001 10 13.57061	01 52 05.47	+04 30 21.8		349
C/2000 K2	2001 10 13.57463	01 52 05.37	+04 30 20.0		349
C/2000 K2	2001 10 13.58775	01 52 04.95	+04 30 14.6	16.7 T	349
C/2000 K2	2001 10 14.63090	01 51 32.82	+04 23 18.1	16.4 T	360
C/2000 K2	2001 10 14.63348	01 51 32.74	+04 23 17.0		360
C/2000 K2	2001 10 16.25290	01 50 42.75	+04 12 35.7	16.8 T	704
C/2000 K2	2001 10 16.26862	01 50 42.24	+04 12 28.7	17.4 T	704
C/2000 K2	2001 10 16.28434	01 50 41.70	+04 12 22.4	17.5 T	704
C/2000 K2	2001 10 16.30007	01 50 41.24	+04 12 15.8	17.1 T	704
C/2000 K2	2001 10 16.31581	01 50 40.64	+04 12 09.0	17.7 T	704
C/2000 K2	2001 10 16.36661	01 50 39.16	+04 11 51.0	16.7 T	644
C/2000 K2	2001 10 16.39094	01 50 38.38	+04 11 41.2	16.6 T	644
C/2000 K2	2001 10 16.41201	01 50 37.68	+04 11 33.0	16.5 T	644
C/2000 K2	2001 10 22.21443	01 47 39.74	+03 34 24.8	17.4 T	704
C/2000 K2	2001 10 22.23126	01 47 39.18	+03 34 18.4	17.4 T	704
C/2000 K2	2001 10 22.24795	01 47 38.69	+03 34 12.3	17.5 T	704
C/2000 K2	2001 10 22.28114	01 47 37.70	+03 34 00.1	17.4 T	704
C/2000 K2	2001 10 24.24358	01 46 38.39	+03 21 56.3	17.2 T	704
C/2000 K2	2001 10 24.26094	01 46 37.88	+03 21 49.5	17.5 T	704
C/2000 K2	2001 10 24.27751	01 46 37.38	+03 21 42.7	17.6 T	704
C/2000 K2	2001 10 24.29400	01 46 36.88	+03 21 36.8	17.8 T	704
C/2000 K2	2001 10 24.31065	01 46 36.32	+03 21 30.6	17.3 T	704
C/2000 K2	2001 10 24.35368	01 46 34.98	+03 21 15.8	16.3 T	644
C/2000 K2	2001 10 24.37475	01 46 34.35	+03 21 08.2	16.2 T	644
C/2000 K2	2001 10 24.39577	01 46 33.66	+03 21 00.6	16.0 T	644

C/2000 SV_{74} (LINEAR)

C/2000 SV_{74}	2001 10 02.18084	01 25 07.64	+56 05 27.0		642
C/2000 SV_{74}	2001 10 02.18551	01 25 06.99	+56 05 31.0		642
C/2000 SV_{74}	2001 10 02.19013	01 25 06.40	+56 05 33.3		642
C/2000 SV_{74}	2001 10 02.71106	01 24 02.18	+56 11 11.7		349
C/2000 SV_{74}	2001 10 02.71501	01 24 01.70	+56 11 14.3		349
C/2000 SV_{74}	2001 10 02.71700	01 24 01.47	+56 11 15.0	14.1 T	349
C/2000 SV_{74}	2001 10 04.87736	01 19 30.26	+56 33 36.9	15.3 N	170
C/2000 SV_{74}	2001 10 04.87980	01 19 29.92	+56 33 39.0	15.3 N	170
C/2000 SV_{74}	2001 10 07.86447	01 12 58.60	+57 02 04.5	15.1 T	232
C/2000 SV_{74}	2001 10 07.88212	01 12 56.18	+57 02 13.9	15.0 T	232
C/2000 SV_{74}	2001 10 09.82381	01 08 32.37	+57 19 05.7	15.0 T	629
C/2000 SV_{74}	2001 10 09.82462	01 08 32.30	+57 19 06.5		629
C/2000 SV_{74}	2001 10 09.89089	01 08 23.06	+57 19 39.1		629
C/2000 SV_{74}	2001 10 09.89363	01 08 22.66	+57 19 40.6		629
C/2000 SV_{74}	2001 10 09.89764	01 08 22.14	+57 19 43.7		629
C/2000 SV_{74}	2001 10 10.85628	01 06 09.32	+57 27 31.3	15.1 N	170
C/2000 SV_{74}	2001 10 10.86176	01 06 08.53	+57 27 34.0	15.1 N	170
C/2000 SV_{74}	2001 10 11.67116	01 04 14.98	+57 33 54.3		349
C/2000 SV_{74}	2001 10 11.67317	01 04 14.70	+57 33 55.2		349
C/2000 SV_{74}	2001 10 11.67509	01 04 14.45	+57 33 55.8		349
C/2000 SV_{74}	2001 10 11.67730	01 04 14.11	+57 33 56.8	13.7 T	349
C/2000 SV_{74}	2001 10 11.79062	01 03 57.53	+57 34 51.2	14.7 N	235
C/2000 SV_{74}	2001 10 11.80609	01 03 56.52	+57 34 55.0		107
C/2000 SV_{74}	2001 10 11.81474	01 03 55.06	+57 34 58.7		107
C/2000 SV_{74}	2001 10 11.89644	01 03 43.49	+57 35 36.5	15.1 N	170
C/2000 SV_{74}	2001 10 11.89919	01 03 43.14	+57 35 38.4	15.1 N	170
C/2000 SV_{74}	2001 10 12.50275	01 02 17.74	+57 40 08.5	13.6 T	340
C/2000 SV_{74}	2001 10 12.50447	01 02 17.57	+57 40 10.3		340
C/2000 SV_{74}	2001 10 12.50635	01 02 17.34	+57 40 10.2		340
C/2000 SV_{74}	2001 10 12.50860	01 02 16.89	+57 40 11.1		340
C/2000 SV_{74}	2001 10 12.85585	01 01 27.34	+57 42 43.4	14.6 N	235
C/2000 SV_{74}	2001 10 13.46376	01 00 00.87	+57 47 02.8		349
C/2000 SV_{74}	2001 10 13.46578	01 00 00.55	+57 47 03.9		349
C/2000 SV_{74}	2001 10 13.46763	01 00 00.37	+57 47 04.7		349
C/2000 SV_{74}	2001 10 13.46949	01 00 00.06	+57 47 05.5	13.7 T	349
C/2000 SV_{74}	2001 10 13.56898	00 59 45.75	+57 47 47.0	13.3 T	360
C/2000 SV_{74}	2001 10 13.57082	00 59 45.52	+57 47 47.6	14.0 T	355
C/2000 SV_{74}	2001 10 13.57119	00 59 45.41	+57 47 48.1		360
C/2000 SV_{74}	2001 10 13.57284	00 59 45.15	+57 47 49.1		355
C/2000 SV_{74}	2001 10 13.57480	00 59 44.85	+57 47 49.7		355
C/2000 SV_{74}	2001 10 13.76499	00 59 17.83	+57 49 07.2		201
C/2000 SV_{74}	2001 10 13.76944	00 59 17.12	+57 49 09.1		201
C/2000 SV_{74}	2001 10 13.77745	00 59 16.00	+57 49 12.2		201
C/2000 SV_{74}	2001 10 13.78442	00 59 14.96	+57 49 15.4		201
C/2000 SV_{74}	2001 10 13.96547	00 58 48.77	+57 50 30.1	15.2 T	232
C/2000 SV_{74}	2001 10 13.96985	00 58 48.25	+57 50 31.7	15.1 T	232
C/2000 SV_{74}	2001 10 13.98125	00 58 46.48	+57 50 37.2	15.1 T	232
C/2000 SV_{74}	2001 10 13.98646	00 58 45.66	+57 50 40.1	15.1 T	232
C/2000 SV_{74}	2001 10 14.41845	00 57 43.70	+57 53 33.4	13.7 T	340
C/2000 SV_{74}	2001 10 14.42112	00 57 43.31	+57 53 33.6		340
C/2000 SV_{74}	2001 10 14.42292	00 57 43.11	+57 53 34.9		340
C/2000 SV_{74}	2001 10 14.42496	00 57 42.75	+57 53 35.4		340
C/2000 SV_{74}	2001 10 14.67888	00 57 05.72	+57 55 16.0	13.7 T	402
C/2000 SV_{74}	2001 10 14.68150	00 57 05.36	+57 55 17.1		402
C/2000 SV_{74}	2001 10 14.68414	00 57 04.97	+57 55 18.0		402
C/2000 SV_{74}	2001 10 14.81595	00 56 46.10	+57 56 08.5	14.2 N	235
C/2000 SV_{74}	2001 10 14.82789	00 56 44.48	+57 56 14.0	14.6 N	170
C/2000 SV_{74}	2001 10 14.86947	00 56 38.43	+57 56 30.4	15.2 T	458
C/2000 SV_{74}	2001 10 14.88359	00 56 36.22	+57 56 37.3	15.1 T	458
C/2000 SV_{74}	2001 10 16.08291	00 53 41.74	+58 04 03.5	13.0 T	451
C/2000 SV_{74}	2001 10 16.08867	00 53 40.93	+58 04 05.7	12.7 T	451
C/2000 SV_{74}	2001 10 17.17776	00 51 01.09	+58 10 22.5	16.9 T	750
C/2000 SV_{74}	2001 10 17.18388	00 51 00.16	+58 10 24.8	17.2 T	750
C/2000 SV_{74}	2001 10 17.18997	00 50 59.25	+58 10 26.8	17.2 T	750
C/2000 SV_{74}	2001 10 17.83285	00 49 24.64	+58 13 55.6	15.7 T	629
C/2000 SV_{74}	2001 10 17.83583	00 49 24.06	+58 13 56.6		629

C/2000 SV_{74}	2001 10 17.83789	00 49 23.91	+58 13 57.7		629
C/2000 SV_{74}	2001 10 17.83881	00 49 23.67	+58 13 58.0		629
C/2000 SV_{74}	2001 10 17.84045	00 49 23.50	+58 13 58.5		629
C/2000 SV_{74}	2001 10 18.47730	00 47 49.38	+58 17 15.7	14.1 T	340
C/2000 SV_{74}	2001 10 18.47962	00 47 48.97	+58 17 16.9		340
C/2000 SV_{74}	2001 10 18.48777	00 47 47.63	+58 17 19.6		340
C/2000 SV_{74}	2001 10 18.80284	00 47 00.85	+58 18 53.5	14.2 N	235
C/2000 SV_{74}	2001 10 18.92104	00 46 43.41	+58 19 29.0	15.1 N	170
C/2000 SV_{74}	2001 10 19.73152	00 44 42.57	+58 23 18.0		349
C/2000 SV_{74}	2001 10 19.73352	00 44 42.22	+58 23 17.8		349
C/2000 SV_{74}	2001 10 19.73539	00 44 41.95	+58 23 18.8		349
C/2000 SV_{74}	2001 10 19.73684	00 44 41.73	+58 23 18.7	13.6 T	349
C/2000 SV_{74}	2001 10 21.82550	00 39 30.42	+58 31 58.5	14.8 N	170
C/2000 SV_{74}	2001 10 22.78739	00 37 06.21	+58 35 23.6	14.7 N	235
C/2000 SV_{74}	2001 10 23.56655	00 35 09.77	+58 37 52.7	14.0 T	340
C/2000 SV_{74}	2001 10 23.57039	00 35 09.14	+58 37 53.5		340
C/2000 SV_{74}	2001 10 23.57399	00 35 08.60	+58 37 54.3		340
C/2000 SV_{74}	2001 10 23.63718	00 34 59.02	+58 38 05.4		349
C/2000 SV_{74}	2001 10 23.64061	00 34 58.52	+58 38 05.9		349
C/2000 SV_{74}	2001 10 23.64214	00 34 58.28	+58 38 06.0		349
C/2000 SV_{74}	2001 10 23.64355	00 34 58.10	+58 38 06.3	13.7 T	349
C/2000 SV_{74}	2001 10 24.81220	00 32 03.75	+58 41 21.6	14.8 N	170
C/2000 SV_{74}	2001 10 24.81722	00 32 02.99	+58 41 23.0	14.8 N	170
C/2000 SV_{74}	2001 10 25.89170	00 29 22.03	+58 43 55.1	15.3 N	235
C/2000 SV_{74}	2001 10 26.14585	00 28 44.61	+58 44 28.8	16.1 T	704
C/2000 SV_{74}	2001 10 26.16270	00 28 41.78	+58 44 29.1	16.6 T	704
C/2000 SV_{74}	2001 10 26.17964	00 28 39.29	+58 44 33.5	16.5 T	704
C/2000 SV_{74}	2001 10 26.19653	00 28 36.52	+58 44 35.3	16.7 T	704
C/2000 SV_{74}	2001 10 26.21338	00 28 33.76	+58 44 37.6	16.4 T	704
C/2000 SV_{74}	2001 10 26.60663	00 27 35.72	+58 45 21.3	13.4 T	402
C/2000 SV_{74}	2001 10 26.60795	00 27 35.51	+58 45 21.5		402
C/2000 SV_{74}	2001 10 26.60927	00 27 35.30	+58 45 21.6		402
C/2000 SV_{74}	2001 10 26.71281	00 27 19.78	+58 45 31.6		349
C/2000 SV_{74}	2001 10 26.71491	00 27 19.46	+58 45 32.3		349
C/2000 SV_{74}	2001 10 26.71679	00 27 19.12	+58 45 32.2		349
C/2000 SV_{74}	2001 10 26.71880	00 27 18.84	+58 45 32.5	13.8 T	349
C/2000 SV_{74}	2001 10 27.83955	00 24 32.94	+58 47 22.7	15.1 N	170
C/2000 SV_{74}	2001 10 29.81947	00 19 41.21	+58 49 27.2	15.0 N	170
C/2000 SV_{74}	2001 10 29.82716	00 19 40.09	+58 49 27.6	15.0 N	170
C/2000 SV_{74}	2001 10 29.89192	00 19 30.96	+58 49 28.4	15.1 N	458
C/2000 SV_{74}	2001 10 29.90439	00 19 28.98	+58 49 29.7	15.0 N	458

C/2000 U5 (LINEAR)

C/2000 U5	2001 10 21.96038	04 16 41.72	+45 59 37.7	18.9 T	170
C/2000 U5	2001 10 21.96736	04 16 40.88	+45 59 42.8	18.9 T	170
C/2000 U5	2001 10 21.98045	04 16 40.62	+45 59 42.9	18.9 T	170
C/2000 U5	2001 10 26.75308	04 11 55.00	+46 25 09.6	18.3 T	402
C/2000 U5	2001 10 26.76016	04 11 54.76	+46 25 11.6		402
C/2000 U5	2001 10 26.77197	04 11 53.88	+46 25 15.0		402

C/2000 WM_1 (LINEAR)

C/2000 WM_1	2001 10 02.67253	04 57 43.39	+51 10 52.8		349
C/2000 WM_1	2001 10 02.67405	04 57 43.43	+51 10 53.0		349
C/2000 WM_1	2001 10 02.67574	04 57 43.43	+51 10 53.2		349
C/2000 WM_1	2001 10 02.67729	04 57 43.44	+51 10 53.4	12.3 T	349
C/2000 WM_1	2001 10 03.88510	04 57 57.99	+51 11 49.5	13.7 N	162
C/2000 WM_1	2001 10 03.90705	04 57 58.08	+51 11 50.5	13.8 N	162
C/2000 WM_1	2001 10 04.12675	04 57 59.90	+51 12 01.4	14.0 T	238
C/2000 WM_1	2001 10 07.68788	04 58 13.75	+51 13 33.3	12.5 T	340
C/2000 WM_1	2001 10 07.69181	04 58 13.65	+51 13 34.1		340
C/2000 WM_1	2001 10 07.69410	04 58 13.76	+51 13 33.2		340
C/2000 WM_1	2001 10 07.69727	04 58 13.65	+51 13 33.7		340
C/2000 WM_1	2001 10 07.83684	04 58 13.39	+51 13 31.2	13.3 N	162
C/2000 WM_1	2001 10 07.87058	04 58 13.36	+51 13 31.9	13.3 N	162
C/2000 WM_1	2001 10 08.90690	04 58 08.75	+51 13 30.5	13.6 N	170
C/2000 WM_1	2001 10 09.97529	04 57 59.59	+51 13 18.0		629
C/2000 WM_1	2001 10 09.98138	04 57 59.53	+51 13 18.2		629
C/2000 WM_1	2001 10 10.26554	04 57 56.40	+51 13 11.9	14.0 N	921
C/2000 WM_1	2001 10 10.26898	04 57 56.38	+51 13 10.9	14.3 N	921
C/2000 WM_1	2001 10 10.89262	04 57 48.35	+51 12 51.8	13.4 N	170
C/2000 WM_1	2001 10 10.90432	04 57 48.15	+51 12 51.4	13.4 N	170
C/2000 WM_1	2001 10 10.99266	04 57 46.79	+51 12 50.5	13.4 N	170
C/2000 WM_1	2001 10 11.60248	04 57 37.22	+51 12 27.0		349
C/2000 WM_1	2001 10 11.60407	04 57 37.18	+51 12 26.8		349
C/2000 WM_1	2001 10 11.60557	04 57 37.16	+51 12 26.9		349
C/2000 WM_1	2001 10 11.60854	04 57 37.10	+51 12 27.0	12.0 T	349
C/2000 WM_1	2001 10 11.66736	04 57 36.05	+51 12 26.7	12.1 T	372
C/2000 WM_1	2001 10 11.68322	04 57 35.72	+51 12 24.9		355
C/2000 WM_1	2001 10 11.68422	04 57 35.71	+51 12 25.4		355
C/2000 WM_1	2001 10 11.68528	04 57 35.61	+51 12 24.6		355
C/2000 WM_1	2001 10 11.83334	04 57 33.18	+51 12 13.7	13.6 N	235
C/2000 WM_1	2001 10 11.85385	04 57 32.90	+51 12 13.0		107
C/2000 WM_1	2001 10 11.87332	04 57 32.63	+51 12 12.7		107
C/2000 WM_1	2001 10 12.22697	04 57 25.65	+51 11 55.3	15.4 T	750
C/2000 WM_1	2001 10 12.23488	04 57 25.56	+51 11 55.3	15.3 T	750
C/2000 WM_1	2001 10 12.24590	04 57 25.43	+51 11 55.0	13.7 N	921
C/2000 WM_1	2001 10 12.24713	04 57 25.31	+51 11 55.1	13.8 N	921
C/2000 WM_1	2001 10 12.24914	04 57 25.29	+51 11 54.7	13.8 N	921
C/2000 WM_1	2001 10 12.25146	04 57 25.29	+51 11 54.6	13.6 N	921
C/2000 WM_1	2001 10 12.25492	04 57 25.22	+51 11 54.0	13.7 N	921
C/2000 WM_1	2001 10 12.57470	04 57 18.53	+51 11 35.6	11.6 T	340
C/2000 WM_1	2001 10 12.57654	04 57 18.59	+51 11 36.3		340
C/2000 WM_1	2001 10 12.57866	04 57 18.45	+51 11 36.3		340
C/2000 WM_1	2001 10 12.58363	04 57 18.42	+51 11 35.2		340
C/2000 WM_1	2001 10 12.66597	04 57 16.53	+51 11 33.3	12.1 T	372
C/2000 WM_1	2001 10 12.70157	04 57 15.58	+51 11 31.5		349
C/2000 WM_1	2001 10 12.70250	04 57 15.55	+51 11 31.2		349
C/2000 WM_1	2001 10 12.70344	04 57 15.53	+51 11 31.1		349
C/2000 WM_1	2001 10 12.70495	04 57 15.51	+51 11 31.3	11.6 T	349
C/2000 WM_1	2001 10 12.88568	04 57 11.73	+51 11 15.7	13.5 N	235
C/2000 WM_1	2001 10 13.11156	04 57 06.11	+51 11 03.9		046
C/2000 WM_1	2001 10 13.11203	04 57 06.10	+51 11 03.9		046
C/2000 WM_1	2001 10 13.11247	04 57 06.09	+51 11 03.8		046
C/2000 WM_1	2001 10 13.11291	04 57 06.08	+51 11 03.8		046
C/2000 WM_1	2001 10 13.11340	04 57 06.05	+51 11 03.9		046
C/2000 WM_1	2001 10 13.61259	04 56 54.08	+51 10 27.3		349
C/2000 WM_1	2001 10 13.61625	04 56 53.98	+51 10 27.2		349

C/2000 WM_1	2001 10 13.61810	04 56 53.91	+51 10 27.1			349
C/2000 WM_1	2001 10 13.62000	04 56 53.85	+51 10 27.1	11.4	T	349
C/2000 WM_1	2001 10 13.72847	04 56 50.88	+51 10 20.5			867
C/2000 WM_1	2001 10 13.73194	04 56 50.73	+51 10 19.6			867
C/2000 WM_1	2001 10 13.74896	04 56 50.26	+51 10 19.0			372
C/2000 WM_1	2001 10 13.82878	04 56 48.14	+51 10 07.3	13.5	N	162
C/2000 WM_1	2001 10 13.85436	04 56 47.47	+51 10 05.9	13.6	N	162
C/2000 WM_1	2001 10 13.87876	04 56 47.15	+51 10 03.9	13.9	N	215
C/2000 WM_1	2001 10 13.87913	04 56 47.10	+51 10 03.4	14.0	N	215
C/2000 WM_1	2001 10 13.87946	04 56 47.07	+51 10 03.6	14.0	N	215
C/2000 WM_1	2001 10 13.93203	04 56 45.61	+51 09 59.7	13.4	N	941
C/2000 WM_1	2001 10 13.93903	04 56 45.39	+51 09 59.6	13.4	N	941
C/2000 WM_1	2001 10 13.96475	04 56 44.67	+51 09 58.0	13.4	N	941
C/2000 WM_1	2001 10 14.03287	04 56 42.57	+51 09 53.7	13.4	T	232
C/2000 WM_1	2001 10 14.03403	04 56 42.67	+51 09 53.8			952
C/2000 WM_1	2001 10 14.03605	04 56 42.62	+51 09 54.3	13.4	N	952
C/2000 WM_1	2001 10 14.03851	04 56 42.39	+51 09 53.1	13.4	T	232
C/2000 WM_1	2001 10 14.04379	04 56 42.35	+51 09 52.8	13.5	T	232
C/2000 WM_1	2001 10 14.04887	04 56 42.22	+51 09 52.9	13.3	N	952
C/2000 WM_1	2001 10 14.05049	04 56 42.21	+51 09 52.4	13.4	N	952
C/2000 WM_1	2001 10 14.05645	04 56 41.94	+51 09 52.1	13.5	T	232
C/2000 WM_1	2001 10 14.84255	04 56 18.75	+51 08 37.3	13.9	N	235
C/2000 WM_1	2001 10 15.90145	04 55 42.32	+51 06 40.6	13.4	N	170
C/2000 WM_1	2001 10 15.90366	04 55 42.37	+51 06 43.9			097
C/2000 WM_1	2001 10 15.91288	04 55 42.00	+51 06 42.9			097
C/2000 WM_1	2001 10 15.99150	04 55 38.85	+51 06 31.9	15	N	629
C/2000 WM_1	2001 10 15.99645	04 55 38.60	+51 06 31.7			629
C/2000 WM_1	2001 10 15.99839	04 55 38.55	+51 06 31.4			629
C/2000 WM_1	2001 10 16.00235	04 55 38.22	+51 06 30.6			629
C/2000 WM_1	2001 10 16.41767	04 55 22.23	+51 05 39.9	19.7	T	704
C/2000 WM_1	2001 10 16.43401	04 55 21.48	+51 05 37.4	20.0	T	704
C/2000 WM_1	2001 10 16.45042	04 55 20.69	+51 05 34.8	19.1	T	704
C/2000 WM_1	2001 10 16.46675	04 55 19.71	+51 05 31.9	19.2	T	704
C/2000 WM_1	2001 10 16.86148	04 55 04.48	+51 04 34.0	12.8	N	162
C/2000 WM_1	2001 10 16.88249	04 55 03.67	+51 04 31.6	12.9	N	162
C/2000 WM_1	2001 10 17.20110	04 54 49.95	+51 03 45.4	14.6	T	750
C/2000 WM_1	2001 10 17.20961	04 54 49.57	+51 03 44.3	14.6	T	750
C/2000 WM_1	2001 10 17.21831	04 54 49.16	+51 03 43.2	14.6	T	750
C/2000 WM_1	2001 10 17.25071	04 54 47.82	+51 03 36.8			642
C/2000 WM_1	2001 10 17.25207	04 54 47.73	+51 03 36.6			642
C/2000 WM_1	2001 10 17.25344	04 54 47.66	+51 03 36.5			642
C/2000 WM_1	2001 10 17.25478	04 54 47.61	+51 03 36.1			642
C/2000 WM_1	2001 10 18.57665	04 53 44.26	+50 59 54.0			392
C/2000 WM_1	2001 10 18.59291	04 53 43.48	+50 59 52.6			392
C/2000 WM_1	2001 10 18.83754	04 53 30.80	+50 59 03.1	13.7	N	235
C/2000 WM_1	2001 10 18.99242	04 53 22.41	+50 58 35.4	13.5	N	170
C/2000 WM_1	2001 10 19.01108	04 53 21.28	+50 58 32.0	13.5	N	170
C/2000 WM_1	2001 10 19.64828	04 52 45.65	+50 56 21.2			392
C/2000 WM_1	2001 10 19.66720	04 52 44.36	+50 56 16.9			392
C/2000 WM_1	2001 10 19.68960	04 52 42.98	+50 56 12.2			392
C/2000 WM_1	2001 10 19.75052	04 52 39.34	+50 55 59.9			349
C/2000 WM_1	2001 10 19.75193	04 52 39.26	+50 55 59.9			349
C/2000 WM_1	2001 10 19.75314	04 52 39.17	+50 55 59.6			349

C/2000 WM_1	2001 10 19.75404	04 52 39.14	+50 55 59.3	10.9	T	349
C/2000 WM_1	2001 10 20.56318	04 51 50.51	+50 52 49.7			349
C/2000 WM_1	2001 10 20.56436	04 51 50.43	+50 52 49.3			349
C/2000 WM_1	2001 10 20.56539	04 51 50.39	+50 52 49.1			349
C/2000 WM_1	2001 10 20.84046	04 51 32.60	+50 51 37.3	12.6	N	162
C/2000 WM_1	2001 10 20.86679	04 51 30.79	+50 51 31.4	12.5	N	162
C/2000 WM_1	2001 10 21.82017	04 50 25.74	+50 47 12.6			201
C/2000 WM_1	2001 10 21.82722	04 50 25.24	+50 47 10.6			201
C/2000 WM_1	2001 10 21.83329	04 50 24.80	+50 47 09.1			201
C/2000 WM_1	2001 10 21.91856	04 50 18.60	+50 46 46.8	13.2	N	170
C/2000 WM_1	2001 10 22.83882	04 49 09.19	+50 42 01.8	13.2	N	235
C/2000 WM_1	2001 10 22.90994	04 49 03.65	+50 41 40.7	13.2	N	170
C/2000 WM_1	2001 10 23.60283	04 48 07.15	+50 37 46.6	11.3	T	340
C/2000 WM_1	2001 10 23.60851	04 48 06.69	+50 37 44.8			340
C/2000 WM_1	2001 10 23.61581	04 48 06.03	+50 37 42.3			340
C/2000 WM_1	2001 10 23.62870	04 48 04.84	+50 37 38.4			349
C/2000 WM_1	2001 10 23.63125	04 48 04.60	+50 37 37.6			349
C/2000 WM_1	2001 10 23.63237	04 48 04.51	+50 37 37.2			349
C/2000 WM_1	2001 10 23.63346	04 48 04.43	+50 37 36.9	10.9	T	349
C/2000 WM_1	2001 10 23.98985	04 47 34.17	+50 35 25.1	14.3	T	945
C/2000 WM_1	2001 10 23.99053	04 47 34.08	+50 35 24.8	14.3	T	945
C/2000 WM_1	2001 10 23.99126	04 47 34.07	+50 35 24.8	14.2	T	945
C/2000 WM_1	2001 10 24.00278	04 47 32.99	+50 35 20.8	14.4	T	945
C/2000 WM_1	2001 10 24.00350	04 47 32.91	+50 35 20.4	14.4	T	945
C/2000 WM_1	2001 10 24.00476	04 47 32.78	+50 35 19.9	14.5	T	945
C/2000 WM_1	2001 10 24.68715	04 46 31.54	+50 30 57.7	10.4	T	360
C/2000 WM_1	2001 10 24.68944	04 46 31.31	+50 30 56.7			360
C/2000 WM_1	2001 10 25.00692	04 46 01.79	+50 28 44.4	13.2	N	170
C/2000 WM_1	2001 10 25.58057	04 45 06.35	+50 24 35.3	12.5	T	392
C/2000 WM_1	2001 10 25.59469	04 45 04.88	+50 24 28.4			392
C/2000 WM_1	2001 10 25.74365	04 44 49.71	+50 23 25.3	11.3	T	402
C/2000 WM_1	2001 10 25.74760	04 44 49.29	+50 23 23.4			402
C/2000 WM_1	2001 10 25.75156	04 44 48.89	+50 23 21.6			402
C/2000 WM_1	2001 10 25.96682	04 44 27.77	+50 21 39.4	14.0	T	945
C/2000 WM_1	2001 10 25.96872	04 44 27.46	+50 21 38.6	14.0	T	945
C/2000 WM_1	2001 10 25.96961	04 44 27.47	+50 21 38.0	14.0	T	945
C/2000 WM_1	2001 10 25.98807	04 44 25.43	+50 21 30.5	13.1	N	170
C/2000 WM_1	2001 10 25.99299	04 44 24.76	+50 21 28.2	13.4	N	235
C/2000 WM_1	2001 10 26.31713	04 43 51.50	+50 18 57.2	14.3	T	704
C/2000 WM_1	2001 10 26.33367	04 43 49.77	+50 18 47.6	17.2	T	704
C/2000 WM_1	2001 10 26.35029	04 43 47.51	+50 18 39.8	17.5	T	704
C/2000 WM_1	2001 10 26.36791	04 43 45.38	+50 18 29.8	16.4	T	704
C/2000 WM_1	2001 10 26.75424	04 43 04.10	+50 15 18.9			349
C/2000 WM_1	2001 10 26.75554	04 43 03.95	+50 15 18.2			349
C/2000 WM_1	2001 10 26.75645	04 43 03.87	+50 15 17.9			349
C/2000 WM_1	2001 10 26.75846	04 43 03.64	+50 15 16.7	10.5	T	349
C/2000 WM_1	2001 10 28.32529	04 40 03.61	+50 00 47.9	14.2	T	704
C/2000 WM_1	2001 10 28.34180	04 40 01.34	+50 00 37.6	15.7	T	704
C/2000 WM_1	2001 10 28.35846	04 39 58.40	+50 00 21.2	15.9	T	704
C/2000 WM_1	2001 10 28.82464	04 39 01.87	+49 55 33.1	13.0	N	170
C/2000 WM_1	2001 10 28.87550	04 38 55.33	+49 55 02.2	13.0	N	170
C/2000 WM_1	2001 10 29.89362	04 36 40.98	+49 43 36.2	13.0	N	170

C/2000 WM$_1$	2001 10 29.95670	04 36 32.29	+49 42 52.1	12.9	N	458
C/2000 WM$_1$	2001 10 29.96499	04 36 31.17	+49 42 46.6	13.0	N	458

C/2000 Y1 (Tubbiolo)

C/2000 Y1	2001 09 17.43815	03 37 02.48	+07 53 02.6	18.5	T	699
C/2000 Y1	2001 09 17.45386	03 37 02.02	+07 52 56.8			699
C/2000 Y1	2001 09 17.46960	03 37 01.62	+07 52 51.1			699
C/2000 Y1	2001 09 17.48535	03 37 01.22	+07 52 46.1			699
C/2000 Y1	2001 10 16.32403	03 22 12.05	+05 05 14.7	19.1	T	704
C/2000 Y1	2001 10 16.33976	03 22 11.56	+05 05 10.1	19.8	T	704
C/2000 Y1	2001 10 16.35551	03 22 10.95	+05 05 04.4	19.5	T	704
C/2000 Y1	2001 10 16.37127	03 22 10.38	+05 04 57.8	19.2	T	704
C/2000 Y1	2001 10 16.38767	03 22 09.77	+05 04 51.7	19.6	T	704
C/2000 Y1	2001 10 23.48940	03 17 40.00	+04 22 08.6	20.1	T	644
C/2000 Y1	2001 10 23.49986	03 17 39.60	+04 22 04.8	19.5	T	644
C/2000 Y1	2001 10 23.51033	03 17 39.18	+04 22 00.3	20.3	T	644
C/2000 Y1	2001 10 29.38524	03 13 47.18	+03 47 02.9	19.9	T	644
C/2000 Y1	2001 10 29.39576	03 13 46.73	+03 46 58.4	20.0	T	644
C/2000 Y1	2001 10 29.40625	03 13 46.32	+03 46 55.5	19.3	T	644

C/2001 A2 (LINEAR)

C/2001 A2-B	2001 04 18.04852	05 56 55.64	−11 43 47.4	13.5	T	452
C/2001 A2-B	2001 04 18.05044	05 56 55.74	−11 43 49.7	13.3	T	452
C/2001 A2-B	2001 04 18.05281	05 56 55.58	−11 43 53.5	13.2	T	452
C/2001 A2-B	2001 04 18.06112	05 56 55.44	−11 44 02.8	13.4	T	452
C/2001 A2-B	2001 04 18.06603	05 56 55.38	−11 44 06.6	13.4	T	452
C/2001 A2-B	2001 04 18.07697	05 56 55.15	−11 44 21.2	13.3	T	452
C/2001 A2-B	2001 04 18.07866	05 56 55.16	−11 44 22.7	13.5	T	452
C/2001 A2-B	2001 07 19.32177	21 49 59.02	+17 51 07.1	12.3	T	452
C/2001 A2-B	2001 07 19.32249	21 49 58.47	+17 51 10.6	12.2	T	452
C/2001 A2-B	2001 07 19.32322	21 49 58.21	+17 51 12.2	12.2	T	452
C/2001 A2-B	2001 07 19.32398	21 49 57.92	+17 51 13.7	12.2	T	452
C/2001 A2-B	2001 07 19.32470	21 49 57.63	+17 51 15.1	12.2	T	452
C/2001 A2-B	2001 07 19.32544	21 49 57.35	+17 51 16.5	12.2	T	452
C/2001 A2-B	2001 07 19.32616	21 49 57.10	+17 51 18.4	12.2	T	452
C/2001 A2-B	2001 07 19.32687	21 49 56.77	+17 51 19.3	12.2	T	452
C/2001 A2-B	2001 07 19.32760	21 49 56.50	+17 51 20.8	12.2	T	452
C/2001 A2-B	2001 07 19.32832	21 49 56.20	+17 51 22.2	12.2	T	452
C/2001 A2-B	2001 07 19.32909	21 49 55.92	+17 51 23.7	12.2	T	452
C/2001 A2-B	2001 07 19.32983	21 49 55.64	+17 51 25.3	12.2	T	452
C/2001 A2-B	2001 07 19.33058	21 49 55.32	+17 51 26.8	12.2	T	452
C/2001 A2-B	2001 07 19.33131	21 49 55.07	+17 51 28.1	12.2	T	452
C/2001 A2-B	2001 07 19.33203	21 49 54.77	+17 51 29.6	12.2	T	452
C/2001 A2-B	2001 08 15.65000	20 16 50.51	+20 46 51.5	12.5	T	372
C/2001 A2-B	2001 08 27.61285	20 05 04.32	+19 18 14.2	13.5	T	372
C/2001 A2-B	2001 08 29.08951	20 04 17.33	+19 06 00.5	14.1	T	451
C/2001 A2-B	2001 09 02.09159	20 02 42.32	+18 32 50.6	13.7	T	451
C/2001 A2-B	2001 09 16.51215	20 02 34.94	+16 37 00.6	14.5	T	372
C/2001 A2-B	2001 09 29.82181	20 08 01.17	+15 05 49.6	15.6	T	213
C/2001 A2-B	2001 09 29.82669	20 08 01.27	+15 05 47.3	15.6	T	213
C/2001 A2-B	2001 09 29.83323	20 08 01.53	+15 05 42.3	15.6	T	213
C/2001 A2-B	2001 09 29.85395	20 08 02.32	+15 05 38.1	15.6	T	213
C/2001 A2-B	2001 09 29.85822	20 08 02.40	+15 05 37.9	15.6	T	213
C/2001 A2-B	2001 10 04.78869	20 11 00.64	+14 37 06.7	16.2	T	213
C/2001 A2-B	2001 10 04.79457	20 11 00.81	+14 37 06.2	16.2	T	213
C/2001 A2-B	2001 10 04.80201	20 11 00.97	+14 37 01.6	16.2	T	213
C/2001 A2-B	2001 10 04.80676	20 11 01.09	+14 37 01.2	16.2	T	213
C/2001 A2-B	2001 10 04.82822	20 11 02.15	+14 36 53.9	16.2	N	170
C/2001 A2-B	2001 10 04.83786	20 11 02.43	+14 36 49.1	16.2	N	170
C/2001 A2-B	2001 10 04.84646	20 11 02.66	+14 36 47.2	16.2	N	170
C/2001 A2-B	2001 10 05.80894	20 11 40.51	+14 31 35.4	15.6	T	213
C/2001 A2-B	2001 10 05.81595	20 11 40.79	+14 31 34.3	15.6	T	213
C/2001 A2-B	2001 10 06.00909	20 11 48.41	+14 30 37.0	15.1	T	844
C/2001 A2-B	2001 10 06.02885	20 11 49.27	+14 30 31.8	15.4	T	844
C/2001 A2-B	2001 10 06.03440	20 11 49.40	+14 30 30.3	15.3	T	844
C/2001 A2-B	2001 10 06.05544	20 11 50.13	+14 30 24.5	14.9	T	844
C/2001 A2-B	2001 10 06.81538	20 12 21.05	+14 26 16.6	16.2	N	170
C/2001 A2-B	2001 10 06.82184	20 12 21.26	+14 26 15.3	16.2	N	170
C/2001 A2-B	2001 10 06.82640	20 12 21.42	+14 26 13.6	16.2	N	170
C/2001 A2-B	2001 10 06.83211	20 12 21.75	+14 26 09.8	16.2	N	2 170
C/2001 A2-B	2001 10 06.89552	20 12 24.27	+14 25 48.2	16.3	T	213
C/2001 A2-B	2001 10 06.91390	20 12 24.85	+14 25 44.6	16.3	T	213
C/2001 A2-B	2001 10 06.91725	20 12 25.10	+14 25 44.7	16.3	T	213
C/2001 A2-B	2001 10 06.91988	20 12 25.17	+14 25 42.9	16.4	T	213
C/2001 A2-B	2001 10 06.92712	20 12 25.19	+14 25 43.2	16.3	T	213
C/2001 A2-B	2001 10 07.77141	20 13 00.42	+14 21 20.9			232
C/2001 A2-B	2001 10 07.77784	20 13 00.53	+14 21 19.3			232
C/2001 A2-B	2001 10 07.78649	20 13 00.67	+14 21 18.2			232
C/2001 A2-B	2001 10 07.78698	20 13 00.74	+14 21 17.7	16.1	T	213
C/2001 A2-B	2001 10 07.79205	20 13 01.11	+14 21 15.5	16.2	T	232
C/2001 A2-B	2001 10 07.79865	20 13 01.39	+14 21 13.6	16.2	T	213
C/2001 A2-B	2001 10 07.79970	20 13 01.35	+14 21 13.1	16.3	T	232
C/2001 A2-B	2001 10 07.80331	20 13 01.59	+14 21 12.2	16.1	T	213
C/2001 A2-B	2001 10 07.80797	20 13 01.74	+14 21 10.5	16.1	T	213
C/2001 A2-B	2001 10 07.81264	20 13 01.92	+14 21 10.4	16.1	T	213
C/2001 A2-B	2001 10 07.81731	20 13 02.16	+14 21 08.4	16.1	T	213
C/2001 A2-B	2001 10 08.82247	20 13 44.28	+14 16 03.8	16.1	T	213
C/2001 A2-B	2001 10 08.82713	20 13 44.53	+14 16 01.6	16.1	T	213
C/2001 A2-B	2001 10 08.83176	20 13 44.72	+14 16 01.0	16.4	T	170
C/2001 A2-B	2001 10 08.83182	20 13 44.67	+14 16 00.8	16.1	T	213
C/2001 A2-B	2001 10 08.83649	20 13 44.88	+14 15 58.8	16.1	T	213
C/2001 A2-B	2001 10 08.83769	20 13 44.97	+14 15 59.4	16.4	T	170
C/2001 A2-B	2001 10 08.84117	20 13 45.07	+14 15 58.1	16.1	T	213
C/2001 A2-B	2001 10 08.84219	20 13 45.17	+14 15 58.1	16.4	T	170
C/2001 A2-B	2001 10 10.80223	20 15 10.12	+14 06 29.0	16.6	T	170
C/2001 A2-B	2001 10 10.80865	20 15 10.43	+14 06 27.7	16.6	T	170
C/2001 A2-B	2001 10 10.81480	20 15 10.66	+14 06 25.8	16.6	T	170
C/2001 A2-B	2001 10 11.80337	20 15 55.03	+14 01 47.9	16.2	N	235
C/2001 A2-B	2001 10 11.83025	20 15 55.95	+14 01 42.1	16.6	T	170
C/2001 A2-B	2001 10 11.83557	20 15 56.17	+14 01 40.7	16.6	T	170
C/2001 A2-B	2001 10 11.83640	20 15 56.14	+14 01 39.8	16.3	T	213
C/2001 A2-B	2001 10 11.83860	20 15 56.31	+14 01 39.5	16.6	T	170
C/2001 A2-B	2001 10 11.84834	20 15 56.77	+14 01 37.0	16.3	T	213
C/2001 A2-B	2001 10 11.85051	20 15 56.86	+14 01 38.3	16.6	T	170
C/2001 A2-B	2001 10 11.85521	20 15 56.94	+14 01 34.4	16.2	T	213
C/2001 A2-B	2001 10 11.85750	20 15 57.05	+14 01 34.4	16.3	T	213
C/2001 A2-B	2001 10 12.49271	20 16 25.90	+13 58 42.2	14.1	T	360

C/2001 A2-B	2001 10 12.49536	20 16 26.02	+13 58 41.3			360
C/2001 A2-B	2001 10 12.77022	20 16 38.75	+13 57 26.5	16.6 T		170
C/2001 A2-B	2001 10 12.77266	20 16 38.78	+13 57 26.2	16.6 T		170
C/2001 A2-B	2001 10 12.77763	20 16 39.09	+13 57 25.2	16.6 T		170
C/2001 A2-B	2001 10 12.78291	20 16 39.21	+13 57 23.0	16.6 T		170
C/2001 A2-B	2001 10 12.81179	20 16 40.53	+13 57 18.3	16.4 T		213
C/2001 A2-B	2001 10 12.87650	20 16 43.32	+13 56 58.9	16.4 T		213
C/2001 A2-B	2001 10 12.88338	20 16 43.79	+13 56 55.9	16.4 T		213
C/2001 A2-B	2001 10 13.40966	20 17 08.08	+13 54 36.7			349
C/2001 A2-B	2001 10 13.41815	20 17 08.53	+13 54 34.5			349
C/2001 A2-B	2001 10 13.42339	20 17 08.78	+13 54 32.8	15.9 T		349
C/2001 A2-B	2001 10 13.79759	20 17 26.19	+13 52 55.6	16.3 T		941
C/2001 A2-B	2001 10 13.80057	20 17 26.30	+13 52 54.6	16.3 T		941
C/2001 A2-B	2001 10 13.80344	20 17 26.51	+13 52 53.4	16.3 T		941
C/2001 A2-B	2001 10 14.76650	20 18 11.75	+13 48 46.4	16.4 T		170
C/2001 A2-B	2001 10 15.85153	20 19 03.41	+13 44 15.9	16.5 T		170
C/2001 A2-B	2001 10 15.85615	20 19 03.69	+13 44 15.9	16.5 T		170
C/2001 A2-B	2001 10 15.86307	20 19 03.94	+13 44 13.8	16.5 T		170
C/2001 A2-B	2001 10 17.07113	20 20 02.70	+13 39 24.5	17.8 T		750
C/2001 A2-B	2001 10 17.10609	20 20 04.47	+13 39 18.3	18.4 T		704
C/2001 A2-B	2001 10 17.12175	20 20 05.15	+13 39 13.4	18.1 T		704
C/2001 A2-B	2001 10 17.13407	20 20 05.71	+13 39 07.8	17.6 T		750
C/2001 A2-B	2001 10 17.13761	20 20 05.88	+13 39 09.8	18.4 T		704
C/2001 A2-B	2001 10 17.15298	20 20 06.55	+13 39 06.0	18.1 T		704
C/2001 A2-B	2001 10 18.77162	20 21 27.09	+13 32 54.7	16.6 T		213
C/2001 A2-B	2001 10 21.81278	20 24 02.85	+13 22 16.0	16.7 T		170
C/2001 A2-B	2001 10 21.81686	20 24 02.98	+13 22 15.6	16.7 T		170
C/2001 A2-B	2001 10 21.84273	20 24 04.35	+13 22 10.9	16.6 T		213
C/2001 A2-B	2001 10 22.78653	20 24 53.72	+13 19 06.6	16.8 T		213
C/2001 A2-B	2001 10 22.79352	20 24 54.03	+13 19 05.0	16.8 T		213
C/2001 A2-B	2001 10 22.80052	20 24 54.53	+13 19 04.2	16.8 T		213
C/2001 A2-B	2001 10 22.82718	20 24 55.95	+13 18 58.6	16.9 T		170
C/2001 A2-B	2001 10 22.82970	20 24 55.99	+13 18 57.6	16.9 T		170
C/2001 A2-B	2001 10 23.46164	20 25 29.37	+13 17 00.5	15.8 T	3	360
C/2001 A2-B	2001 10 23.46503	20 25 29.63	+13 16 59.4		3	360
C/2001 A2-B	2001 10 23.46763	20 25 29.81	+13 16 58.7		3	360
C/2001 A2-B	2001 10 24.78289	20 26 40.44	+13 12 59.7	16.7 T		170
C/2001 A2-B	2001 10 24.78914	20 26 40.62	+13 12 58.1	16.7 T		170
C/2001 A2-B	2001 10 25.40869	20 27 14.07	+13 11 13.1	17.0 T		402
C/2001 A2-B	2001 10 25.41133	20 27 14.20	+13 11 11.9			402
C/2001 A2-B	2001 10 25.41397	20 27 14.38	+13 11 11.9			402
C/2001 A2-B	2001 10 27.81978	20 29 26.34	+13 04 42.1	16.9 T		170
C/2001 A2-B	2001 10 28.80256	20 30 21.31	+13 02 16.1	16.9 T		170
C/2001 A2-B	2001 10 29.80341	20 31 17.41	+12 59 55.1	16.8 T		170

C/2001 B1 (LINEAR)

C/2001 B1	2001 10 12.35762	03 38 13.18	+20 33 01.4	17.8 T	699
C/2001 B1	2001 10 12.37954	03 38 11.65	+20 33 06.5		699
C/2001 B1	2001 10 12.41205	03 38 09.37	+20 33 14.2		699
C/2001 B1	2001 10 12.43408	03 38 07.86	+20 33 20.0		699
C/2001 B1	2001 10 13.32628	03 37 06.01	+20 36 56.7	18.9 T	704
C/2001 B1	2001 10 13.34217	03 37 04.82	+20 37 01.1	19.0 T	704
C/2001 B1	2001 10 13.35837	03 37 03.78	+20 37 03.8	19.4 T	704
C/2001 B1	2001 10 13.37462	03 37 02.56	+20 37 08.4	18.8 T	704
C/2001 B1	2001 10 14.32205	03 35 55.89	+20 40 56.5	18.6 T	704
C/2001 B1	2001 10 14.33802	03 35 54.71	+20 40 59.6	18.8 T	704
C/2001 B1	2001 10 14.35378	03 35 53.60	+20 41 03.8	18.9 T	704
C/2001 B1	2001 10 14.36952	03 35 52.49	+20 41 06.8	19.1 T	704
C/2001 B1	2001 10 14.38529	03 35 51.34	+20 41 10.3	18.8 T	704
C/2001 B1	2001 10 14.66647	03 35 31.49	+20 42 17.4	17.8 T	360
C/2001 B1	2001 10 14.67082	03 35 31.18	+20 42 18.5		360
C/2001 B1	2001 10 14.70782	03 35 28.51	+20 42 26.7	18.0 T	402
C/2001 B1	2001 10 14.71491	03 35 28.01	+20 42 28.7		402
C/2001 B1	2001 10 14.71962	03 35 27.71	+20 42 29.6		402
C/2001 B1	2001 10 16.40020	03 33 27.07	+20 49 01.8	18.2 T	291
C/2001 B1	2001 10 16.42229	03 33 25.44	+20 49 06.5	18.5 T	291
C/2001 B1	2001 10 16.44390	03 33 23.92	+20 49 11.0	18.5 T	291
C/2001 B1	2001 10 19.51598	03 29 38.17	+21 00 36.4	18.0 T	644
C/2001 B1	2001 10 19.52660	03 29 37.37	+21 00 38.3	18.0 T	644
C/2001 B1	2001 10 19.53702	03 29 36.56	+21 00 41.2	18.4 T	644
C/2001 B1	2001 10 21.34963	03 27 20.68	+21 07 06.7	18.4 T	704
C/2001 B1	2001 10 21.36596	03 27 19.40	+21 07 09.9	18.7 T	704
C/2001 B1	2001 10 21.38230	03 27 18.20	+21 07 14.7	19.4 T	704
C/2001 B1	2001 10 21.39864	03 27 16.89	+21 07 17.3	19.0 T	704
C/2001 B1	2001 10 21.41499	03 27 15.65	+21 07 20.6	19.0 T	704

C/2001 K3 (Skiff)

C/2001 K3	2001 10 11.54236	19 42 14.36	+16 38 48.5		342
C/2001 K3	2001 10 11.56944	19 42 14.34	+16 39 00.9		342
C/2001 K3	2001 10 12.45164	19 42 33.27	+16 39 31.8	16.7 T	360
C/2001 K3	2001 10 12.45442	19 42 33.30	+16 39 31.9		360

P/2001 MD_7 (LINEAR)

P/2001 MD_7	2001 10 02.00231	18 51 48.28	−28 19 18.8	15.0 T	306
P/2001 MD_7	2001 10 02.01917	18 51 50.28	−28 19 27.7	15.6 T	306
P/2001 MD_7	2001 10 02.03697	18 51 52.15	−28 19 37.3	15.3 T	306
P/2001 MD_7	2001 10 02.04286	18 51 52.81	−28 19 41.1	15.2 T	306
P/2001 MD_7	2001 10 05.95596	18 59 54.48	−28 53 38.7	13.7 T	844
P/2001 MD_7	2001 10 05.96199	18 59 55.17	−28 53 41.8	13.8 T	844
P/2001 MD_7	2001 10 05.97005	18 59 56.20	−28 53 46.0	13.6 T	844
P/2001 MD_7	2001 10 12.44108	19 14 52.86	−29 42 43.9	13.5 T	360
P/2001 MD_7	2001 10 12.44307	19 14 53.16	−29 42 44.7		360
P/2001 MD_7	2001 10 13.39815	19 17 16.01	−29 49 02.1		349
P/2001 MD_7	2001 10 13.40190	19 17 16.51	−29 49 03.3		349
P/2001 MD_7	2001 10 13.40368	19 17 16.78	−29 49 05.1	13.9 T	349
P/2001 MD_7	2001 10 14.77607	19 20 46.72	−29 57 45.7	14.8 N	235
P/2001 MD_7	2001 10 25.42014	19 50 51.54	−30 45 06.9	14.3 T	402
P/2001 MD_7	2001 10 25.42145	19 50 51.78	−30 45 07.1		402
P/2001 MD_7	2001 10 25.42278	19 50 52.01	−30 45 07.3		402

C/2001 M10 (NEAT)

C/2001 M10	2001 10 14.08453	19 57 25.30	−11 51 37.9	19.4 T	704
C/2001 M10	2001 10 14.10051	19 57 25.57	−11 51 35.8	19.7 T	704
C/2001 M10	2001 10 14.13246	19 57 26.17	−11 51 32.4	19.6 T	704
C/2001 M10	2001 10 14.14847	19 57 26.48	−11 51 28.5	19.3 T	704

C/2001 N2 (LINEAR)

C/2001 N2	2001 08 29.90634	21 42 30.77	+39 37 50.1	16.0 T	4	238
C/2001 N2	2001 10 02.12933	20 44 25.63	+33 01 29.8			642
C/2001 N2	2001 10 02.14235	20 44 25.16	+33 01 20.5			642
C/2001 N2	2001 10 02.14536	20 44 24.76	+33 01 17.8			642
C/2001 N2	2001 10 04.86338	20 40 47.68	+32 19 04.2	17.1 T	2	170
C/2001 N2	2001 10 07.82470	20 37 05.07	+31 32 20.4	16.5 T		232
C/2001 N2	2001 10 07.83137	20 37 04.84	+31 32 18.4			232
C/2001 N2	2001 10 07.83762	20 37 04.19	+31 32 11.3			232
C/2001 N2	2001 10 07.84387	20 37 03.89	+31 32 05.3	16.6 T		232
C/2001 N2	2001 10 07.85039	20 37 03.52	+31 32 00.4	16.6 T		232
C/2001 N2	2001 10 07.87550	20 37 01.58	+31 31 35.7	16.6 T		213
C/2001 N2	2001 10 07.88017	20 37 01.23	+31 31 30.9	16.6 T		213
C/2001 N2	2001 10 07.88484	20 37 00.83	+31 31 25.3	16.6 T		213
C/2001 N2	2001 10 07.88950	20 37 00.51	+31 31 21.6	16.6 T		213
C/2001 N2	2001 10 10.83368	20 33 35.06	+30 44 33.5	17.0 T		170
C/2001 N2	2001 10 10.83737	20 33 34.84	+30 44 28.9	16.9 T		170
C/2001 N2	2001 10 10.84133	20 33 34.52	+30 44 25.7	16.9 T		170
C/2001 N2	2001 10 10.84567	20 33 34.18	+30 44 21.3	16.9 T		170
C/2001 N2	2001 10 11.56319	20 32 46.30	+30 32 52.9			342
C/2001 N2	2001 10 11.57639	20 32 45.47	+30 32 41.6			342
C/2001 N2	2001 10 12.48297	20 31 46.34	+30 18 13.2	16.5 T		360
C/2001 N2	2001 10 12.48499	20 31 46.19	+30 18 11.6			360
C/2001 N2	2001 10 13.42939	20 30 46.23	+30 03 07.3			349
C/2001 N2	2001 10 13.43442	20 30 45.86	+30 03 01.9			349
C/2001 N2	2001 10 13.43750	20 30 45.70	+30 02 59.3	16.6 T		349
C/2001 N2	2001 10 14.75947	20 29 24.18	+29 41 52.7	17.3 T		151
C/2001 N2	2001 10 14.76110	20 29 24.06	+29 41 51.1	17.2 T		151
C/2001 N2	2001 10 14.76582	20 29 23.76	+29 41 45.6	17.3 T		151
C/2001 N2	2001 10 14.76953	20 29 23.55	+29 41 42.2	17.5 T		151
C/2001 N2	2001 10 15.16054	20 28 59.99	+29 35 27.8	17.6 T		704
C/2001 N2	2001 10 15.17639	20 28 59.03	+29 35 13.1	17.9 T		704
C/2001 N2	2001 10 15.19222	20 28 58.02	+29 34 57.5	17.8 T		704
C/2001 N2	2001 10 15.20805	20 28 57.09	+29 34 41.7	18.1 T		704
C/2001 N2	2001 10 16.09993	20 28 04.66	+29 20 30.9	18.5 T		704
C/2001 N2	2001 10 16.11668	20 28 03.51	+29 20 13.1	17.7 T		704
C/2001 N2	2001 10 16.13418	20 28 02.49	+29 19 56.3	17.6 T		704
C/2001 N2	2001 10 16.15219	20 28 01.42	+29 19 39.3	17.7 T		704
C/2001 N2	2001 10 18.10083	20 26 11.50	+28 48 40.2	18.8 T		704
C/2001 N2	2001 10 18.11665	20 26 10.43	+28 48 25.0	18.2 T		704
C/2001 N2	2001 10 18.13244	20 26 09.68	+28 48 09.3	18.2 T		704
C/2001 N2	2001 10 18.14822	20 26 08.72	+28 47 53.6	18.1 T		704
C/2001 N2	2001 10 18.80991	20 25 32.89	+28 37 23.9	16.6 T		213
C/2001 N2	2001 10 21.81174	20 22 58.88	+27 50 04.3	16.5 T		213
C/2001 N2	2001 10 21.81640	20 22 58.72	+27 50 00.2	16.5 T		213
C/2001 N2	2001 10 21.82106	20 22 58.47	+27 49 56.2	16.5 T		213
C/2001 N2	2001 10 21.82574	20 22 58.22	+27 49 51.7	16.5 T		213
C/2001 N2	2001 10 22.81936	20 22 10.57	+27 34 19.3	16.4 T		170
C/2001 N2	2001 10 22.84333	20 22 09.35	+27 33 58.2	17.1 T		213
C/2001 N2	2001 10 22.84800	20 22 09.19	+27 33 51.9	17.1 T		213
C/2001 N2	2001 10 22.85500	20 22 08.92	+27 33 46.0	17.1 T		213
C/2001 N2	2001 10 23.40207	20 21 43.46	+27 25 15.2	16.5 T		402
C/2001 N2	2001 10 23.40471	20 21 43.35	+27 25 12.5			402
C/2001 N2	2001 10 23.40735	20 21 43.18	+27 25 10.5			402
C/2001 N2	2001 10 23.47223	20 21 40.17	+27 24 09.4	16.5 T	3	360
C/2001 N2	2001 10 23.47466	20 21 40.02	+27 24 07.7		3	360
C/2001 N2	2001 10 24.75539	20 20 42.09	+27 04 14.0	16.7 T		213
C/2001 N2	2001 10 24.76238	20 20 41.71	+27 04 09.4	16.7 T		213
C/2001 N2	2001 10 24.77406	20 20 41.19	+27 03 56.9	16.7 T		213

C/2001 Q1 (NEAT)

C/2001 Q1	2001 10 12.50225	20 43 18.41	−15 40 48.5	18.3 T	3	360
C/2001 Q1	2001 10 12.50686	20 43 18.36	−15 40 51.4		3	360
C/2001 Q1	2001 10 12.51492	20 43 18.43	−15 40 55.7		3	360

P/2001 Q2 (Petriew)

P/2001 Q2	2001 08 24.30619	06 04 59.41	+26 02 44.0	13.9 T	452
P/2001 Q2	2001 08 24.30749	06 04 59.64	+26 02 43.2	13.9 T	452
P/2001 Q2	2001 08 24.31141	06 05 01.08	+26 02 37.8	13.8 T	452
P/2001 Q2	2001 08 24.31271	06 05 01.41	+26 02 35.3	13.8 T	452
P/2001 Q2	2001 08 24.31400	06 05 01.89	+26 02 34.2	13.8 T	452
P/2001 Q2	2001 08 24.31531	06 05 02.31	+26 02 32.0	13.8 T	452
P/2001 Q2	2001 08 24.31875	06 05 03.36	+26 02 27.8	13.9 T	452
P/2001 Q2	2001 08 24.32007	06 05 03.84	+26 02 26.0	13.8 T	452
P/2001 Q2	2001 08 24.32137	06 05 04.24	+26 02 24.4	13.9 T	452
P/2001 Q2	2001 08 24.32267	06 05 04.60	+26 02 22.3	14.0 T	452
P/2001 Q2	2001 08 24.32397	06 05 05.05	+26 02 20.8	13.7 T	452
P/2001 Q2	2001 08 24.32529	06 05 05.48	+26 02 19.2	13.9 T	452
P/2001 Q2	2001 08 24.32662	06 05 05.92	+26 02 17.1	13.8 T	452
P/2001 Q2	2001 08 24.32795	06 05 06.32	+26 02 15.1	13.8 T	452
P/2001 Q2	2001 08 24.32926	06 05 06.80	+26 02 13.2	13.9 T	452
P/2001 Q2	2001 09 16.79462	07 51 10.82	+15 53 32.1	11.2 T	372
P/2001 Q2	2001 09 20.33089	08 04 05.12	+14 19 55.8	13.6 T	452
P/2001 Q2	2001 09 20.33220	08 04 05.45	+14 19 53.8	13.7 T	452
P/2001 Q2	2001 09 20.33351	08 04 05.86	+14 19 53.5	13.7 T	452
P/2001 Q2	2001 09 20.33480	08 04 06.31	+14 19 48.0	14.0 T	452
P/2001 Q2	2001 09 20.33611	08 04 06.38	+14 19 48.0	13.7 T	452
P/2001 Q2	2001 09 20.33742	08 04 06.62	+14 19 46.4	13.6 T	452
P/2001 Q2	2001 09 20.33873	08 04 06.88	+14 19 44.2	13.7 T	452
P/2001 Q2	2001 09 20.34002	08 04 07.22	+14 19 41.6	13.8 T	452
P/2001 Q2	2001 09 20.34135	08 04 07.34	+14 19 39.6	13.7 T	452
P/2001 Q2	2001 09 20.34266	08 04 07.77	+14 19 37.6	13.6 T	452
P/2001 Q2	2001 09 20.34398	08 04 07.93	+14 19 35.6	13.7 T	452
P/2001 Q2	2001 09 20.34531	08 04 08.24	+14 19 34.2	13.7 T	452
P/2001 Q2	2001 09 20.34666	08 04 08.58	+14 19 31.3	14.0 T	452
P/2001 Q2	2001 09 20.34929	08 04 09.12	+14 19 26.1	13.7 T	452
P/2001 Q2	2001 09 22.79567	08 12 40.66	+13 15 30.4	11.5 T	867
P/2001 Q2	2001 09 22.80331	08 12 42.24	+13 15 19.1		867
P/2001 Q2	2001 09 22.80435	08 12 42.45	+13 15 17.1		867
P/2001 Q2	2001 10 02.76471	08 44 21.40	+09 04 22.0		349
P/2001 Q2	2001 10 02.76654	08 44 21.72	+09 04 19.6		349
P/2001 Q2	2001 10 02.76801	08 44 21.96	+09 04 17.0	13.1 T	349
P/2001 Q2	2001 10 07.76563	08 58 34.11	+07 04 55.4	12.5 T	340
P/2001 Q2	2001 10 07.76700	08 58 34.35	+07 04 53.3		340
P/2001 Q2	2001 10 07.77873	08 58 36.31	+07 04 36.2		340
P/2001 Q2	2001 10 12.81115	09 11 52.29	+05 09 13.7		349
P/2001 Q2	2001 10 12.81304	09 11 52.61	+05 09 11.4		349

P/2001 Q2	2001 10 12.81516	09 11 52.93	+05 09 08.6			349
P/2001 Q2	2001 10 12.81696	09 11 53.16	+05 09 06.6	13.6	T	349
P/2001 Q2	2001 10 13.15447	09 12 44.46	+05 01 30.8	15.9	N	046
P/2001 Q2	2001 10 13.15591	09 12 44.67	+05 01 29.0			046
P/2001 Q2	2001 10 13.15712	09 12 44.85	+05 01 27.2			046
P/2001 Q2	2001 10 13.15912	09 12 45.17	+05 01 24.5			046
P/2001 Q2	2001 10 13.81493	09 14 24.04	+04 46 48.0	13.8	T	372
P/2001 Q2	2001 10 13.82153	09 14 25.08	+04 46 39.0			372
P/2001 Q2	2001 10 19.79638	09 28 40.57	+02 37 12.9			349
P/2001 Q2	2001 10 19.80250	09 28 41.37	+02 37 05.4			349
P/2001 Q2	2001 10 19.80655	09 28 41.92	+02 37 00.4	13.9	T	349
P/2001 Q2	2001 10 26.81744	09 43 46.60	+00 14 05.8			349
P/2001 Q2	2001 10 26.81942	09 43 46.79	+00 14 02.9			349
P/2001 Q2	2001 10 26.82726	09 43 47.75	+00 13 54.1	14.2	T	349

C/2001 Q4 (NEAT)

C/2001 Q4	2001 09 22.74271	02 38 26.69	−27 28 17.5	18.0	T	867
C/2001 Q4	2001 09 22.74618	02 38 26.65	−27 28 18.2			867
C/2001 Q4	2001 09 22.75139	02 38 26.59	−27 28 19.5			867
C/2001 Q4	2001 10 12.67905	02 30 58.52	−28 58 59.3	18.2	T	360
C/2001 Q4	2001 10 12.68444	02 30 58.37	−28 59 01.2			360
C/2001 Q4	2001 10 14.62764	02 30 08.13	−29 06 43.4	18.2	T	402
C/2001 Q4	2001 10 14.63472	02 30 08.06	−29 06 45.9			402
C/2001 Q4	2001 10 14.63943	02 30 07.91	−29 06 46.2			402
C/2001 Q4	2001 10 23.63634	02 26 05.30	−29 39 10.5	18.4	T	402
C/2001 Q4	2001 10 23.64340	02 26 05.17	−29 39 12.5			402
C/2001 Q4	2001 10 23.65049	02 26 04.83	−29 39 13.1			402
C/2001 Q4	2001 10 24.61794	02 25 37.97	−29 42 21.0	18.4	T	360
C/2001 Q4	2001 10 24.62184	02 25 37.74	−29 42 21.3			360

P/2001 Q5 (LINEAR-NEAT)

P/2001 Q5	2001 08 30.06368	02 08 07.90	+23 16 21.1	17.5	T	599
P/2001 Q5	2001 08 30.06466	02 08 07.92	+23 16 21.5	17.2	T	599
P/2001 Q5	2001 08 30.06571	02 08 07.90	+23 16 21.6	17.4	T	599
P/2001 Q5	2001 08 30.08064	02 08 08.05	+23 16 30.1	17.2	T	599
P/2001 Q5	2001 09 22.75729	02 05 41.79	+26 34 29.2	16.3	T	867
P/2001 Q5	2001 09 22.76146	02 05 41.66	+26 34 30.8			867
P/2001 Q5	2001 10 01.65843	02 00 12.02	+27 18 00.2			300
P/2001 Q5	2001 10 01.66096	02 00 11.96	+27 18 00.4			300
P/2001 Q5	2001 10 01.66854	02 00 11.46	+27 18 02.8			300
P/2001 Q5	2001 10 01.67115	02 00 11.56	+27 18 03.0			300
P/2001 Q5	2001 10 10.94066	01 52 33.74	+27 41 17.1	17.1	T	170
P/2001 Q5	2001 10 10.94522	01 52 33.47	+27 41 17.2	17.1	T	170
P/2001 Q5	2001 10 10.95392	01 52 33.04	+27 41 17.4	17.1	T	170
P/2001 Q5	2001 10 10.96771	01 52 32.23	+27 41 18.7	17.1	T	170
P/2001 Q5	2001 10 11.59236	01 51 58.44	+27 42 02.3			342
P/2001 Q5	2001 10 11.61389	01 51 57.30	+27 42 04.1			342
P/2001 Q5	2001 10 12.54580	01 51 06.47	+27 42 55.8	15.0	T	340
P/2001 Q5	2001 10 12.54873	01 51 06.34	+27 42 54.6			340
P/2001 Q5	2001 10 12.55207	01 51 06.12	+27 42 55.4			340
P/2001 Q5	2001 10 12.56190	01 51 05.62	+27 42 56.6			340
P/2001 Q5	2001 10 12.71926	01 50 56.58	+27 43 03.6			349
P/2001 Q5	2001 10 12.72751	01 50 56.11	+27 43 03.4			349
P/2001 Q5	2001 10 12.73806	01 50 55.48	+27 43 04.4	16.8	T	349
P/2001 Q5	2001 10 12.93256	01 50 45.12	+27 43 12.8	17.0	T	118
P/2001 Q5	2001 10 12.93477	01 50 44.96	+27 43 12.5			118
P/2001 Q5	2001 10 12.93723	01 50 44.84	+27 43 13.0			118
P/2001 Q5	2001 10 13.21424	01 50 29.94	+27 43 27.1			642
P/2001 Q5	2001 10 13.21645	01 50 29.43	+27 43 25.0			642
P/2001 Q5	2001 10 13.22275	01 50 29.14	+27 43 24.9			642
P/2001 Q5	2001 10 13.22833	01 50 28.97	+27 43 18.6			642
P/2001 Q5	2001 10 13.41932	01 50 17.95	+27 43 33.3	16.9	T	644
P/2001 Q5	2001 10 13.44028	01 50 16.74	+27 43 33.8	17.0	T	644
P/2001 Q5	2001 10 13.46144	01 50 15.53	+27 43 34.4	17.1	T	644
P/2001 Q5	2001 10 13.58852	01 50 08.92	+27 43 38.2	16.2	T	355
P/2001 Q5	2001 10 13.59257	01 50 08.74	+27 43 37.7			355
P/2001 Q5	2001 10 13.60794	01 50 07.82	+27 43 39.5			355
P/2001 Q5	2001 10 13.65346	01 50 05.22	+27 43 41.0	16.6	T	360
P/2001 Q5	2001 10 13.65726	01 50 04.99	+27 43 41.0			360
P/2001 Q5	2001 10 13.77213	01 49 59.00	+27 43 40.7	17.4	T	151
P/2001 Q5	2001 10 13.77629	01 49 58.78	+27 43 41.2	17.5	T	151
P/2001 Q5	2001 10 13.78168	01 49 58.44	+27 43 41.7	17.4	T	151
P/2001 Q5	2001 10 13.78616	01 49 58.18	+27 43 41.8	17.5	T	151
P/2001 Q5	2001 10 13.81883	01 49 56.35	+27 43 42.9	17.2	T	215
P/2001 Q5	2001 10 13.81943	01 49 56.29	+27 43 43.2	17.2	T	215
P/2001 Q5	2001 10 13.82043	01 49 56.22	+27 43 43.5	17.3	T	215
P/2001 Q5	2001 10 13.97438	01 49 47.46	+27 43 49.3	17.1	T	941
P/2001 Q5	2001 10 13.97736	01 49 47.26	+27 43 49.3	17.1	T	941
P/2001 Q5	2001 10 13.98251	01 49 46.97	+27 43 49.3	17.1	T	941
P/2001 Q5	2001 10 14.66512	01 49 08.85	+27 44 03.8	16.9	T	402
P/2001 Q5	2001 10 14.66644	01 49 08.76	+27 44 03.6			402
P/2001 Q5	2001 10 14.66775	01 49 08.72	+27 44 03.3			402
P/2001 Q5	2001 10 18.24552	01 45 47.43	+27 43 17.1	18.3	T	704
P/2001 Q5	2001 10 18.26143	01 45 46.50	+27 43 15.7	19.0	T	704
P/2001 Q5	2001 10 18.27735	01 45 45.55	+27 43 16.2	18.8	T	704
P/2001 Q5	2001 10 18.29325	01 45 44.57	+27 43 15.4	18.7	T	704
P/2001 Q5	2001 10 18.30913	01 45 43.67	+27 43 14.5	18.5	T	704
P/2001 Q5	2001 10 18.90178	01 45 10.34	+27 42 47.3	16.7	T	213
P/2001 Q5	2001 10 18.90412	01 45 10.19	+27 42 47.5	16.7	T	213
P/2001 Q5	2001 10 18.90646	01 45 10.19	+27 42 46.7	16.7	T	213
P/2001 Q5	2001 10 18.90880	01 45 09.85	+27 42 46.8	16.7	T	213
P/2001 Q5	2001 10 18.91347	01 45 09.66	+27 42 46.6	16.7	T	213
P/2001 Q5	2001 10 21.84199	01 42 24.67	+27 39 18.9	17.2	T	170
P/2001 Q5	2001 10 21.85311	01 42 24.16	+27 39 17.6	17.2	T	170
P/2001 Q5	2001 10 21.86006	01 42 23.59	+27 39 17.2	17.2	T	170
P/2001 Q5	2001 10 21.86146	01 42 23.48	+27 39 16.3	16.7	T	213
P/2001 Q5	2001 10 21.86613	01 42 23.29	+27 39 16.9	16.7	T	213
P/2001 Q5	2001 10 21.87780	01 42 22.71	+27 39 16.8	16.7	T	213
P/2001 Q5	2001 10 21.88247	01 42 22.35	+27 39 16.9	16.7	T	213
P/2001 Q5	2001 10 22.90725	01 41 25.18	+27 37 37.0	17.2	T	213
P/2001 Q5	2001 10 22.90958	01 41 24.99	+27 37 35.4	17.2	T	213
P/2001 Q5	2001 10 22.91425	01 41 24.78	+27 37 35.5	17.2	T	213
P/2001 Q5	2001 10 27.24690	01 37 28.45	+27 28 04.7	18.1	T	704
P/2001 Q5	2001 10 27.29751	01 37 25.54	+27 27 56.8	18.3	T	704
P/2001 Q5	2001 10 27.31396	01 37 24.70	+27 27 52.5	18.4	T	704

P/2001 Q6 (NEAT)

P/2001 Q6	2001 08 30.06858	03 36 43.27	+10 35 48.9	17.9	T	599
P/2001 Q6	2001 08 30.07297	03 36 43.44	+10 36 00.3	17.8	T	599
P/2001 Q6	2001 08 30.07373	03 36 43.48	+10 36 01.1	17.7	T	599
P/2001 Q6	2001 10 02.69162	03 40 46.36	+46 35 19.9			349
P/2001 Q6	2001 10 02.69326	03 40 46.23	+46 35 29.2			349
P/2001 Q6	2001 10 02.69616	03 40 46.03	+46 35 45.8			349
P/2001 Q6	2001 10 06.33852	03 35 27.99	+52 19 41.9	16.1	T	704
P/2001 Q6	2001 10 06.35415	03 35 26.00	+52 21 11.1	16.3	T	704
P/2001 Q6	2001 10 06.36976	03 35 24.28	+52 22 42.1	16.3	T	704
P/2001 Q6	2001 10 06.38538	03 35 22.51	+52 24 12.3	16.2	T	704
P/2001 Q6	2001 10 06.40101	03 35 20.55	+52 25 43.0	16.7	T	704
P/2001 Q6	2001 10 09.96597	03 27 06.51	+58 09 41.1	16	T	629
P/2001 Q6	2001 10 09.96700	03 27 06.25	+58 09 48.2			629
P/2001 Q6	2001 10 09.96909	03 27 05.93	+58 10 00.3			629
P/2001 Q6	2001 10 09.97045	03 27 05.59	+58 10 08.0			629
P/2001 Q6	2001 10 10.87238	03 24 22.34	+59 37 00.9	15.4	N	170
P/2001 Q6	2001 10 10.87488	03 24 21.87	+59 37 16.0	15.4	N	170
P/2001 Q6	2001 10 10.88065	03 24 20.71	+59 37 49.3	15.4	N	170
P/2001 Q6	2001 10 10.88311	03 24 20.17	+59 38 03.9	15.4	N	170
P/2001 Q6	2001 10 10.88662	03 24 19.56	+59 38 24.2	15.4	N	170
P/2001 Q6	2001 10 11.57841	03 22 00.05	+60 44 54.9			349
P/2001 Q6	2001 10 11.58301	03 21 58.99	+60 45 21.4			349
P/2001 Q6	2001 10 11.58447	03 21 58.70	+60 45 30.4			349
P/2001 Q6	2001 10 11.83556	03 21 05.40	+61 09 27.3			107
P/2001 Q6	2001 10 11.83940	03 21 04.57	+61 09 48.8			107
P/2001 Q6	2001 10 11.90633	03 20 49.88	+61 16 15.3	15.7	N	170
P/2001 Q6	2001 10 11.91036	03 20 48.93	+61 16 38.9	15.7	N	170
P/2001 Q6	2001 10 11.91288	03 20 48.36	+61 16 54.0	15.7	N	170
P/2001 Q6	2001 10 12.51940	03 18 30.20	+62 14 42.9	13.4	T	340
P/2001 Q6	2001 10 12.52124	03 18 29.82	+62 14 54.0			340
P/2001 Q6	2001 10 12.52263	03 18 29.55	+62 15 01.6			340
P/2001 Q6	2001 10 12.53036	03 18 27.69	+62 15 46.0			340
P/2001 Q6	2001 10 12.69730	03 17 46.58	+62 31 44.1	12.9	T	360
P/2001 Q6	2001 10 12.70017	03 17 45.83	+62 32 00.3			360
P/2001 Q6	2001 10 12.74869	03 17 33.38	+62 36 34.8			349
P/2001 Q6	2001 10 12.75190	03 17 32.60	+62 36 53.1			349
P/2001 Q6	2001 10 12.75287	03 17 32.34	+62 36 58.3			349
P/2001 Q6	2001 10 12.75389	03 17 32.09	+62 37 04.5	14.2	T	349
P/2001 Q6	2001 10 12.85902	03 17 08.17	+62 46 56.4			201
P/2001 Q6	2001 10 12.86315	03 17 07.15	+62 47 20.1			201
P/2001 Q6	2001 10 12.86556	03 17 06.54	+62 47 34.0			201
P/2001 Q6	2001 10 13.49297	03 14 24.97	+63 46 48.5			349
P/2001 Q6	2001 10 13.49421	03 14 24.63	+63 46 55.7			349
P/2001 Q6	2001 10 13.49731	03 14 23.79	+63 47 13.0	14.0	T	349
P/2001 Q6	2001 10 13.62219	03 13 49.23	+63 59 02.3			355
P/2001 Q6	2001 10 13.62347	03 13 48.89	+63 59 09.0	14.5	T	355
P/2001 Q6	2001 10 13.62471	03 13 48.49	+63 59 16.2			355
P/2001 Q6	2001 10 13.85494	03 12 45.38	+64 20 44.3	15.3	T	215
P/2001 Q6	2001 10 13.85554	03 12 45.21	+64 20 47.9	15.2	T	215
P/2001 Q6	2001 10 13.85606	03 12 45.08	+64 20 50.7	15.2	T	215
P/2001 Q6	2001 10 13.85670	03 12 44.89	+64 20 54.4	15.3	T	215
P/2001 Q6	2001 10 13.85748	03 12 44.66	+64 20 58.8	15.2	T	215
P/2001 Q6	2001 10 13.85803	03 12 44.51	+64 21 02.0	15.3	T	215
P/2001 Q6	2001 10 13.90637	03 12 30.91	+64 25 36.5	15.2	T	941
P/2001 Q6	2001 10 13.90801	03 12 30.40	+64 25 45.9	15.2	T	941
P/2001 Q6	2001 10 13.90911	03 12 30.09	+64 25 52.1	15.2	T	941
P/2001 Q6	2001 10 13.91086	03 12 29.55	+64 26 03.0	15.2	T	941
P/2001 Q6	2001 10 14.44292	03 09 54.27	+65 15 29.2	14.7	T	340
P/2001 Q6	2001 10 14.44546	03 09 53.41	+65 15 43.1			340
P/2001 Q6	2001 10 14.45081	03 09 51.62	+65 16 13.8			340
P/2001 Q6	2001 10 14.45833	03 09 49.64	+65 16 55.1			340
P/2001 Q6	2001 10 14.68890	03 08 36.55	+65 38 25.2	14.6	T	402
P/2001 Q6	2001 10 14.69021	03 08 36.10	+65 38 32.5			402
P/2001 Q6	2001 10 14.69153	03 08 35.69	+65 38 39.7			402
P/2001 Q6	2001 10 14.82818	03 07 53.68	+65 51 12.9	15.0	N	235
P/2001 Q6	2001 10 14.89442	03 07 32.96	+65 57 15.3	15.6	T	458
P/2001 Q6	2001 10 14.89781	03 07 31.65	+65 57 34.1	15.5	T	458
P/2001 Q6	2001 10 14.90365	03 07 29.18	+65 58 04.5	15.7	T	458
P/2001 Q6	2001 10 15.95531	03 01 24.67	+67 33 56.6	15	T	629
P/2001 Q6	2001 10 15.95659	03 01 24.13	+67 34 03.2			629
P/2001 Q6	2001 10 15.95833	03 01 23.55	+67 34 12.8			629
P/2001 Q6	2001 10 15.96029	03 01 22.84	+67 34 24.1			629
P/2001 Q6	2001 10 15.96737	03 01 20.58	+67 35 01.8	15.2	N	170
P/2001 Q6	2001 10 15.97672	03 01 17.04	+67 35 52.0	15.2	N	170
P/2001 Q6	2001 10 15.98497	03 01 13.87	+67 36 37.1	15.2	N	170
P/2001 Q6	2001 10 17.23590	02 52 45.66	+69 27 28.3	16.9	T	750
P/2001 Q6	2001 10 17.24154	02 52 43.06	+69 27 57.7	16.9	N	750
P/2001 Q6	2001 10 17.24980	02 52 39.40	+69 28 41.3	17.1	T	750
P/2001 Q6	2001 10 17.86439	02 47 55.50	+70 21 41.3	14.5	T	629
P/2001 Q6	2001 10 17.86601	02 47 54.62	+70 21 49.9			629
P/2001 Q6	2001 10 17.86763	02 47 53.95	+70 21 58.6			629
P/2001 Q6	2001 10 17.86844	02 47 53.46	+70 22 03.4			629
P/2001 Q6	2001 10 17.87006	02 47 52.79	+70 22 12.2			629
P/2001 Q6	2001 10 18.49740	02 42 36.80	+71 15 13.0	14.0	T	340
P/2001 Q6	2001 10 18.49907	02 42 35.82	+71 15 20.8			340
P/2001 Q6	2001 10 18.50047	02 42 34.94	+71 15 28.8			340
P/2001 Q6	2001 10 19.74001	02 30 35.11	+72 56 39.6			349
P/2001 Q6	2001 10 19.74149	02 30 34.16	+72 56 46.6			349
P/2001 Q6	2001 10 19.74341	02 30 32.86	+72 56 55.6			349
P/2001 Q6	2001 10 19.74551	02 30 31.62	+72 57 05.5			349
P/2001 Q6	2001 10 19.74759	02 30 30.17	+72 57 15.3	13.4	T	349
P/2001 Q6	2001 10 23.58454	01 36 13.06	+77 28 50.6	13.1	T	340
P/2001 Q6	2001 10 23.58903	01 36 08.03	+77 29 07.0			340
P/2001 Q6	2001 10 23.59274	01 36 03.79	+77 29 20.4			340
P/2001 Q6	2001 10 23.61494	01 35 38.35	+77 30 40.6			349
P/2001 Q6	2001 10 23.62604	01 35 25.77	+77 31 20.7			349
P/2001 Q6	2001 10 23.64567	01 35 03.43	+77 32 30.9			349
P/2001 Q6	2001 10 23.64848	01 35 00.19	+77 32 41.0	13.1	T	349
P/2001 Q6	2001 10 23.81251	01 31 57.74	+77 42 19.1			970
P/2001 Q6	2001 10 23.81799	01 31 51.53	+77 42 38.2			970
P/2001 Q6	2001 10 23.82523	01 31 43.15	+77 43 04.3			970
P/2001 Q6	2001 10 23.86932	01 30 51.75	+77 45 41.3			970
P/2001 Q6	2001 10 23.87387	01 30 46.59	+77 45 56.8			970
P/2001 Q6	2001 10 23.88204	01 30 36.96	+77 46 26.2			970
P/2001 Q6	2001 10 25.93731	00 45 00.53	+79 30 36.8	15.0	N	235

P/2001 Q6	2001 10 26.59050	00 28 05.71	+79 56 10.7	13.4 T	402
P/2001 Q6	2001 10 26.59182	00 28 03.50	+79 56 13.7		402
P/2001 Q6	2001 10 26.59314	00 28 01.45	+79 56 16.2		402
P/2001 Q6	2001 10 26.69578	00 25 13.29	+79 59 50.8		349
P/2001 Q6	2001 10 26.70050	00 25 05.55	+80 00 00.8		349
P/2001 Q6	2001 10 26.70554	00 24 57.37	+80 00 11.0		349
P/2001 Q6	2001 10 26.70738	00 24 54.55	+80 00 15.1	13.3 T	349

P/2001 R1 (LONEOS)

P/2001 R1	2001 10 08.87075	21 19 41.32	−24 51 17.5	17.8 T	170
P/2001 R1	2001 10 08.88122	21 19 41.21	−24 51 14.9	17.8 T	170
P/2001 R1	2001 10 14.09806	21 19 58.67	−24 18 41.5	17.8 T	699
P/2001 R1	2001 10 14.12461	21 19 59.10	−24 18 29.6		699
P/2001 R1	2001 10 14.15121	21 19 59.14	−24 18 18.6		699
P/2001 R1	2001 10 14.17792	21 19 59.41	−24 18 08.5		699
P/2001 R1	2001 10 15.21475	21 20 11.05	−24 11 02.4	19.1 T	608
P/2001 R1	2001 10 15.22543	21 20 11.26	−24 10 56.7	18.7 T	608
P/2001 R1	2001 10 15.23617	21 20 11.41	−24 10 51.9	18.4 T	608
P/2001 R1	2001 10 20.08179	21 21 41.24	−23 34 49.5	19.0 T	704
P/2001 R1	2001 10 20.09787	21 21 41.49	−23 34 41.9	19.3 T	704
P/2001 R1	2001 10 20.11426	21 21 41.90	−23 34 34.6	19.3 T	704
P/2001 R1	2001 10 20.14791	21 21 42.68	−23 34 17.8	19.4 T	704
P/2001 R1	2001 10 23.09021	21 23 05.29	−23 10 16.4	18.7 T	704
P/2001 R1	2001 10 23.10628	21 23 05.77	−23 10 08.7	19.3 T	704
P/2001 R1	2001 10 23.13876	21 23 06.64	−23 09 51.5	18.9 T	704
P/2001 R1	2001 10 23.15479	21 23 07.07	−23 09 43.9	19.1 T	704

P/2001 R6 (LINEAR-Skiff)

P/2001 R6	2001 10 08.92721	01 07 06.27	−22 57 03.3	17.0 T	170
P/2001 R6	2001 10 08.93878	01 07 06.18	−22 57 01.2	17.0 T	170
P/2001 R6	2001 10 10.53715	01 05 51.34	−22 49 43.2		342
P/2001 R6	2001 10 10.56632	01 05 49.93	−22 49 35.2		342
P/2001 R6	2001 10 12.65521	01 04 12.22	−22 38 35.5	16.7 T	372
P/2001 R6	2001 10 13.61453	01 03 28.03	−22 32 58.6	17.4 T	360
P/2001 R6	2001 10 13.61846	01 03 27.85	−22 32 57.3		360
P/2001 R6	2001 10 13.64688	01 03 26.46	−22 32 47.1	16.7 T	372
P/2001 R6	2001 10 13.66146	01 03 25.66	−22 32 41.5		372
P/2001 R6	2001 10 14.59782	01 02 42.93	−22 26 51.9	17.9 T	402
P/2001 R6	2001 10 14.60046	01 02 42.77	−22 26 50.7		402
P/2001 R6	2001 10 14.60310	01 02 42.73	−22 26 49.9		402
P/2001 R6	2001 10 15.25136	01 02 13.16	−22 22 35.0	18.5 T	704
P/2001 R6	2001 10 15.26766	01 02 12.42	−22 22 27.5	18.7 T	704
P/2001 R6	2001 10 15.28373	01 02 11.67	−22 22 22.6	18.8 T	704
P/2001 R6	2001 10 15.29976	01 02 10.91	−22 22 15.6	18.9 T	704
P/2001 R6	2001 10 18.95152	00 59 29.20	−21 55 20.4	17.2 T	170
P/2001 R6	2001 10 18.95725	00 59 29.00	−21 55 17.4	17.2 T	170
P/2001 R6	2001 10 23.58116	00 56 19.84	−21 14 06.0	17.7 T	402
P/2001 R6	2001 10 23.58380	00 56 19.71	−21 14 04.3		402
P/2001 R6	2001 10 23.58642	00 56 19.63	−21 14 02.9		402
P/2001 R6	2001 10 24.56854	00 55 42.38	−21 04 19.4	17.3 T	360
P/2001 R6	2001 10 24.57234	00 55 42.22	−21 04 17.2		360

C/2001 RX_{14} (LINEAR)

C/2001 RX_{14}	2001 08 28.33663	02 05 52.99	+22 02 45.4	18.7 N	5	699
C/2001 RX_{14}	2001 08 28.34880	02 05 52.88	+22 02 47.4	19.4 N	5	644
C/2001 RX_{14}	2001 08 28.36322	02 05 52.70	+22 02 50.4		5	699
C/2001 RX_{14}	2001 08 28.37006	02 05 52.68	+22 02 51.2	19.2 N	5	644
C/2001 RX_{14}	2001 08 28.38988	02 05 52.50	+22 02 55.2		5	699
C/2001 RX_{14}	2001 08 28.39152	02 05 52.45	+22 02 55.2	19.2 N	5	644
C/2001 RX_{14}	2001 08 28.41658	02 05 52.12	+22 02 59.3		5	699
C/2001 RX_{14}	2001 09 10.32152	02 02 43.50	+22 36 57.9	18.8 N		704
C/2001 RX_{14}	2001 09 10.33521	02 02 43.20	+22 36 58.7	18.9 N		704
C/2001 RX_{14}	2001 09 10.34882	02 02 42.94	+22 37 01.5	19.3 N		704
C/2001 RX_{14}	2001 09 10.36248	02 02 42.66	+22 37 03.0	19.0 N		704
C/2001 RX_{14}	2001 09 10.37612	02 02 42.36	+22 37 05.1	19.2 N		704
C/2001 RX_{14}	2001 09 11.34153	02 02 23.09	+22 39 15.3	18.4 N		704
C/2001 RX_{14}	2001 09 11.35627	02 02 22.79	+22 39 17.6	18.8 N		704
C/2001 RX_{14}	2001 09 11.37092	02 02 22.48	+22 39 19.6	18.9 N		704
C/2001 RX_{14}	2001 09 11.38554	02 02 22.16	+22 39 21.7	19.1 N		704
C/2001 RX_{14}	2001 09 11.40015	02 02 21.86	+22 39 24.1	19.0 N		704
C/2001 RX_{14}	2001 09 18.34794	01 59 41.73	+22 53 18.4	18.3 N		644
C/2001 RX_{14}	2001 09 18.36949	01 59 41.16	+22 53 20.8	18.2 N		644
C/2001 RX_{14}	2001 09 18.39195	01 59 40.56	+22 53 23.2	18.3 N		644
C/2001 RX_{14}	2001 09 19.24608	01 59 18.54	+22 54 52.5	18.2 N		699
C/2001 RX_{14}	2001 09 19.27112	01 59 17.83	+22 54 55.3			699
C/2001 RX_{14}	2001 09 19.29610	01 59 17.14	+22 54 57.8			699
C/2001 RX_{14}	2001 09 19.32108	01 59 16.52	+22 55 00.4			699
C/2001 RX_{14}	2001 10 13.30452	01 45 44.63	+23 15 55.5	17.5 N		699
C/2001 RX_{14}	2001 10 13.32882	01 45 43.61	+23 15 55.9			699
C/2001 RX_{14}	2001 10 13.35315	01 45 42.65	+23 15 55.9			699
C/2001 RX_{14}	2001 10 13.38354	01 45 41.39	+23 15 55.6			699
C/2001 RX_{14}	2001 10 13.41700	01 45 40.04	+23 15 55.6	18.2 N		644
C/2001 RX_{14}	2001 10 13.43799	01 45 39.17	+23 15 55.5	18.1 N		644
C/2001 RX_{14}	2001 10 13.45913	01 45 38.31	+23 15 55.7	18.3 N		644
C/2001 RX_{14}	2001 10 14.22988	01 45 07.64	+23 15 54.8	18.5 N		678
C/2001 RX_{14}	2001 10 14.25438	01 45 06.53	+23 15 54.7	18.7 N		678
C/2001 RX_{14}	2001 10 14.27453	01 45 05.77	+23 15 54.3	18.5 N		678
C/2001 RX_{14}	2001 10 18.24518	01 42 23.58	+23 15 03.2	17.8 N		704
C/2001 RX_{14}	2001 10 18.26109	01 42 22.90	+23 15 03.0	17.9 N		704
C/2001 RX_{14}	2001 10 18.27702	01 42 22.23	+23 15 02.3	18.0 N		704
C/2001 RX_{14}	2001 10 18.29133	01 42 21.57	+23 15 01.4	17.4 N		678
C/2001 RX_{14}	2001 10 18.29291	01 42 21.54	+23 15 02.0	18.2 N		704
C/2001 RX_{14}	2001 10 18.30879	01 42 20.83	+23 15 01.9	18.4 N		704
C/2001 RX_{14}	2001 10 18.42667	01 42 15.95	+23 14 58.1	17.0 N		678
C/2001 RX_{14}	2001 10 18.43028	01 42 15.88	+23 14 58.9	17.2 N		678
C/2001 RX_{14}	2001 10 18.43869	01 42 15.41	+23 14 57.7	17.5 N		678
C/2001 RX_{14}	2001 10 18.44229	01 42 15.25	+23 14 57.6	17.8 N		678
C/2001 RX_{14}	2001 10 18.71968	01 42 03.95	+23 14 50.9	16.7 T		046
C/2001 RX_{14}	2001 10 18.72123	01 42 03.90	+23 14 51.2			046
C/2001 RX_{14}	2001 10 18.72700	01 42 03.60	+23 14 52.1			046
C/2001 RX_{14}	2001 10 18.87626	01 41 57.44	+23 14 49.0	17.7 N		595
C/2001 RX_{14}	2001 10 18.89013	01 41 56.82	+23 14 48.9			595
C/2001 RX_{14}	2001 10 18.90962	01 41 56.00	+23 14 48.6			595
C/2001 RX_{14}	2001 10 19.56303	01 41 28.85	+23 14 33.5	17.6 N		422
C/2001 RX_{14}	2001 10 19.56435	01 41 28.78	+23 14 34.2	17.5 N		422

C/2001 RX_{14}	2001 10 19.83259	01 41 17.68	+23 14 24.5	17.2 T	046
C/2001 RX_{14}	2001 10 19.83270	01 41 17.63	+23 14 23.7	17.3 N	636
C/2001 RX_{14}	2001 10 19.83404	01 41 17.63	+23 14 24.4		046
C/2001 RX_{14}	2001 10 19.83507	01 41 17.53	+23 14 24.4		046
C/2001 RX_{14}	2001 10 19.83588	01 41 17.55	+23 14 23.7	17.4 N	636
C/2001 RX_{14}	2001 10 19.83617	01 41 17.53	+23 14 24.1		046
C/2001 RX_{14}	2001 10 19.83970	01 41 17.44	+23 14 23.8	17.6 N	636
C/2001 RX_{14}	2001 10 19.84248	01 41 17.36	+23 14 23.5	17.4 N	636
C/2001 RX_{14}	2001 10 19.86211	01 41 16.45	+23 14 23.3	17.5 N	198
C/2001 RX_{14}	2001 10 19.86684	01 41 16.25	+23 14 23.4	17.6 N	198
C/2001 RX_{14}	2001 10 19.86883	01 41 16.10	+23 14 23.8	17.4 N	151
C/2001 RX_{14}	2001 10 19.87194	01 41 15.99	+23 14 23.3	17.4 N	151
C/2001 RX_{14}	2001 10 19.87552	01 41 15.84	+23 14 23.3	17.2 N	151
C/2001 RX_{14}	2001 10 19.87564	01 41 15.87	+23 14 23.6	17.5 N	198
C/2001 RX_{14}	2001 10 19.87914	01 41 15.69	+23 14 23.3	17.3 N	151
C/2001 RX_{14}	2001 10 19.89657	01 41 14.97	+23 14 22.5		557
C/2001 RX_{14}	2001 10 19.89716	01 41 14.94	+23 14 22.4	17.5 N	157
C/2001 RX_{14}	2001 10 19.90833	01 41 14.44	+23 14 22.6	17.5 N	157
C/2001 RX_{14}	2001 10 19.92025	01 41 13.94	+23 14 22.9	17.6 N	157
C/2001 RX_{14}	2001 10 19.93226	01 41 13.45	+23 14 21.4		557
C/2001 RX_{14}	2001 10 19.98619	01 41 11.17	+23 14 19.8		557
C/2001 RX_{14}	2001 10 20.08333	01 41 07.20	+23 14 17.8	17.4 N	850
C/2001 RX_{14}	2001 10 20.10799	01 41 06.17	+23 14 16.8	17.2 N	850
C/2001 RX_{14}	2001 10 20.12569	01 41 05.44	+23 14 16.6	17.2 N	850
C/2001 RX_{14}	2001 10 20.15860	01 41 04.12	+23 14 14.9	17.8 N	642
C/2001 RX_{14}	2001 10 20.16348	01 41 03.74	+23 14 14.8	17.4 N	642
C/2001 RX_{14}	2001 10 20.16834	01 41 03.67	+23 14 14.5	17.4 N	642
C/2001 RX_{14}	2001 10 20.21840	01 41 01.50	+23 14 14.0	17.1 N	850
C/2001 RX_{14}	2001 10 20.40919	01 40 53.46	+23 14 04.6	18.9 N	608
C/2001 RX_{14}	2001 10 20.41964	01 40 53.05	+23 14 05.0	19.3 N	608
C/2001 RX_{14}	2001 10 20.43080	01 40 52.57	+23 14 07.5	18.7 N	608
C/2001 RX_{14}	2001 10 20.86735	01 40 34.41	+23 13 53.9		946
C/2001 RX_{14}	2001 10 20.92978	01 40 31.80	+23 13 51.2		946
C/2001 RX_{14}	2001 10 20.93220	01 40 31.70	+23 13 51.1		946
C/2001 RX_{14}	2001 10 21.10208	01 40 24.56	+23 13 46.6	17.2 N	850
C/2001 RX_{14}	2001 10 21.12014	01 40 23.82	+23 13 45.7	17.1 N	850
C/2001 RX_{14}	2001 10 21.23681	01 40 18.87	+23 13 42.2	17.3 N	850
C/2001 RX_{14}	2001 10 21.25208	01 40 18.20	+23 13 41.8	17.1 N	850
C/2001 RX_{14}	2001 10 21.27778	01 40 17.08	+23 13 40.6	17.0 N	850
C/2001 RX_{14}	2001 10 21.30208	01 40 16.12	+23 13 40.7	17.8 N	850
C/2001 RX_{14}	2001 10 21.31809	01 40 15.42	+23 13 39.3	17.8 N	850
C/2001 RX_{14}	2001 10 21.84279	01 39 53.21	+23 13 18.3		165
C/2001 RX_{14}	2001 10 21.85712	01 39 52.95	+23 13 19.2		165
C/2001 RX_{14}	2001 10 21.86565	01 39 52.55	+23 13 18.4		165
C/2001 RX_{14}	2001 10 21.87704	01 39 52.24	+23 13 19.5		165
C/2001 RX_{14}	2001 10 22.10104	01 39 42.66	+23 13 11.8	17.1 N	850
C/2001 RX_{14}	2001 10 22.12535	01 39 41.60	+23 13 11.3	16.9 N	850
C/2001 RX_{14}	2001 10 22.15035	01 39 40.56	+23 13 10.4	17.0 N	850
C/2001 RX_{14}	2001 10 22.17188	01 39 39.61	+23 13 09.6	16.7 N	850
C/2001 RX_{14}	2001 10 22.18785	01 39 38.94	+23 13 08.7	16.9 N	850
C/2001 RX_{14}	2001 10 22.86374	01 39 10.43	+23 12 42.0	17.6 N	213
C/2001 RX_{14}	2001 10 22.86840	01 39 10.22	+23 12 41.9	17.6 N	213
C/2001 RX_{14}	2001 10 22.87074	01 39 10.14	+23 12 41.7	17.6 N	213
C/2001 RX_{14}	2001 10 22.88124	01 39 09.76	+23 12 41.9	16.9 N	118
C/2001 RX_{14}	2001 10 22.88244	01 39 09.81	+23 12 41.7	17.6 N	213
C/2001 RX_{14}	2001 10 22.88347	01 39 09.64	+23 12 41.6		118
C/2001 RX_{14}	2001 10 22.88711	01 39 09.46	+23 12 41.0	17.6 N	213
C/2001 RX_{14}	2001 10 22.88829	01 39 09.42	+23 12 41.3		118
C/2001 RX_{14}	2001 10 22.89645	01 39 09.08	+23 12 40.8	17.6 N	213
C/2001 RX_{14}	2001 10 23.15691	01 38 58.03	+23 12 32.7	18.0 N	859
C/2001 RX_{14}	2001 10 23.15919	01 38 57.96	+23 12 33.0	18.1 N	859
C/2001 RX_{14}	2001 10 23.16146	01 38 57.85	+23 12 32.5	17.9 N	859
C/2001 RX_{14}	2001 10 23.16373	01 38 57.77	+23 12 32.8	17.6 N	859
C/2001 RX_{14}	2001 10 23.31855	01 38 51.38	+23 12 25.2		670
C/2001 RX_{14}	2001 10 23.32126	01 38 51.08	+23 12 24.4		670
C/2001 RX_{14}	2001 10 23.36109	01 38 49.38	+23 12 22.0	17.3 N	678
C/2001 RX_{14}	2001 10 23.36749	01 38 49.09	+23 12 21.7	17.6 N	678
C/2001 RX_{14}	2001 10 23.39686	01 38 47.80	+23 12 21.6	17.4 N	678
C/2001 RX_{14}	2001 10 23.40445	01 38 47.47	+23 12 20.3	17.2 N	678
C/2001 RX_{14}	2001 10 23.41203	01 38 47.16	+23 12 20.1	17.4 N	678
C/2001 RX_{14}	2001 10 23.68881	01 38 35.56	+23 12 08.9	17.5 T	402
C/2001 RX_{14}	2001 10 23.69011	01 38 35.50	+23 12 08.8		402
C/2001 RX_{14}	2001 10 23.69143	01 38 35.44	+23 12 09.0		402
C/2001 RX_{14}	2001 10 23.69275	01 38 35.38	+23 12 08.9		402
C/2001 RX_{14}	2001 10 23.84979	01 38 28.89	+23 12 01.5	17.0 N	118
C/2001 RX_{14}	2001 10 23.85475	01 38 28.63	+23 12 00.9		118
C/2001 RX_{14}	2001 10 23.85816	01 38 28.49	+23 12 01.1		118
C/2001 RX_{14}	2001 10 24.13545	01 38 16.69	+23 11 50.2	17.3 N	860
C/2001 RX_{14}	2001 10 24.13775	01 38 16.57	+23 11 50.4	17.3 N	860
C/2001 RX_{14}	2001 10 24.14716	01 38 16.20	+23 11 49.2	17.7 N	860
C/2001 RX_{14}	2001 10 24.15216	01 38 16.00	+23 11 48.7	17.6 N	860
C/2001 RX_{14}	2001 10 24.16387	01 38 15.62	+23 11 47.3	17.4 N	860
C/2001 RX_{14}	2001 10 24.24289	01 38 12.22	+23 11 45.0	17.4 T	704
C/2001 RX_{14}	2001 10 24.25942	01 38 11.48	+23 11 44.1	17.6 T	704
C/2001 RX_{14}	2001 10 24.27596	01 38 10.79	+23 11 43.7	17.9 T	704
C/2001 RX_{14}	2001 10 24.28943	01 38 10.19	+23 11 42.7	16.3 N	649
C/2001 RX_{14}	2001 10 24.29250	01 38 10.05	+23 11 42.7	17.7 T	704
C/2001 RX_{14}	2001 10 24.30179	01 38 09.66	+23 11 42.2	16.1 N	649
C/2001 RX_{14}	2001 10 24.30904	01 38 09.35	+23 11 42.2	17.8 T	704
C/2001 RX_{14}	2001 10 24.31529	01 38 09.10	+23 11 41.4	16.1 N	649
C/2001 RX_{14}	2001 10 24.81272	01 37 48.14	+23 11 18.2	17.6 N	213
C/2001 RX_{14}	2001 10 24.82206	01 37 47.80	+23 11 17.9	17.6 N	213
C/2001 RX_{14}	2001 10 24.82671	01 37 47.59	+23 11 17.1	17.6 N	213
C/2001 RX_{14}	2001 10 24.83138	01 37 47.30	+23 11 16.9	17.6 N	213
C/2001 RX_{14}	2001 10 24.83604	01 37 47.17	+23 11 16.7	17.6 N	213
C/2001 RX_{14}	2001 10 25.29495	01 37 27.66	+23 10 56.8	16.9 N	711
C/2001 RX_{14}	2001 10 25.29902	01 37 27.47	+23 10 56.3	17.0 N	711
C/2001 RX_{14}	2001 10 25.30310	01 37 27.29	+23 10 56.1	17.1 N	711
C/2001 RX_{14}	2001 10 25.31640	01 37 26.76	+23 10 55.7	17.2 N	651
C/2001 RX_{14}	2001 10 25.32232	01 37 26.47	+23 10 55.2	17.3 N	651
C/2001 RX_{14}	2001 10 25.32731	01 37 26.28	+23 10 54.5	17.3 N	651
C/2001 RX_{14}	2001 10 25.58132	01 37 15.58	+23 10 41.9	17.6 T	402
C/2001 RX_{14}	2001 10 25.58395	01 37 15.47	+23 10 41.7		402
C/2001 RX_{14}	2001 10 25.58659	01 37 15.36	+23 10 41.3		402
C/2001 RX_{14}	2001 10 26.66889	01 36 29.44	+23 09 45.7	17.7 T	402
C/2001 RX_{14}	2001 10 26.67360	01 36 29.22	+23 09 45.3		402

C/2001 RX_{14}	2001 10 26.67832	01 36 29.04	+23 09 45.2			402
C/2001 RX_{14}	2001 10 27.24652	01 36 05.00	+23 09 14.4	18.3	T	704
C/2001 RX_{14}	2001 10 27.26385	01 36 04.21	+23 09 13.1	18.1	T	704
C/2001 RX_{14}	2001 10 27.28025	01 36 03.54	+23 09 12.7	18.2	T	704
C/2001 RX_{14}	2001 10 27.29713	01 36 02.78	+23 09 12.5	18.3	T	704
C/2001 RX_{14}	2001 10 27.31358	01 36 02.01	+23 09 09.5	18.3	T	704
C/2001 RX_{14}	2001 10 28.92221	01 34 54.07	+23 07 37.6	17.7	T	170
C/2001 RX_{14}	2001 10 28.93123	01 34 53.68	+23 07 37.4	17.7	T	170

C/2001 S1 (Skiff)

C/2001 S1	2001 10 12.65931	01 45 34.86	−32 09 00.6	19.0	T	360
C/2001 S1	2001 10 12.66344	01 45 34.30	−32 09 02.5			360
C/2001 S1	2001 10 12.66874	01 45 33.53	−32 09 04.2			360
C/2001 S1	2001 10 14.61315	01 40 50.21	−32 19 26.4	19.3	T	402
C/2001 S1	2001 10 14.61786	01 40 49.43	−32 19 26.5			402
C/2001 S1	2001 10 14.62022	01 40 49.17	−32 19 27.2			402
C/2001 S1	2001 10 23.59531	01 19 16.38	−32 47 38.5	18.6	T	402
C/2001 S1	2001 10 23.60273	01 19 15.23	−32 47 39.5			402
C/2001 S1	2001 10 24.60159	01 16 54.71	−32 48 50.1	19.3	T	360
C/2001 S1	2001 10 24.60542	01 16 54.19	−32 48 50.2			360
C/2001 S1	2001 10 24.60932	01 16 53.70	−32 48 51.1			360

C/2001 S2 (SOHO)

C/2001 S2	2001 09 28.15424	11 58 04.2	−03 00 53	249
Geocentric position (AU)	−0.01012412	−0.00369802	−0.00230956	
C/2001 S2	2001 09 28.17923	11 58 36.3	−02 59 32	249
Geocentric position (AU)	−0.01012352	−0.00369952	−0.00231076	
C/2001 S2	2001 09 28.19590	11 59 00.9	−02 59 20	249
Geocentric position (AU)	−0.01012313	−0.00370051	−0.00231155	
C/2001 S2	2001 09 28.22090	11 59 36.0	−02 58 21	249
Geocentric position (AU)	−0.01012253	−0.00370201	−0.00231274	
C/2001 S2	2001 09 28.23756	12 00 01.4	−02 57 37	249
Geocentric position (AU)	−0.01012213	−0.00370300	−0.00231354	
C/2001 S2	2001 09 28.26257	12 00 34.9	−02 56 34	249
Geocentric position (AU)	−0.01012154	−0.00370450	−0.00231473	
C/2001 S2	2001 09 28.27923	12 00 58.3	−02 56 05	249
Geocentric position (AU)	−0.01012114	−0.00370549	−0.00231552	
C/2001 S2	2001 09 28.32130	12 01 58.9	−02 54 41	249
Geocentric position (AU)	−0.01012014	−0.00370799	−0.00231752	
C/2001 S2	2001 09 28.34591	12 02 30.6	−02 53 42	249
Geocentric position (AU)	−0.01011955	−0.00370945	−0.00231868	
C/2001 S2	2001 09 28.36256	12 02 58.0	−02 52 41	249
Geocentric position (AU)	−0.01011916	−0.00371044	−0.00231947	
C/2001 S2	2001 09 28.38756	12 03 35.4	−02 51 26	249
Geocentric position (AU)	−0.01011857	−0.00371192	−0.00232065	
C/2001 S2	2001 09 28.40425	12 04 00.1	−02 50 37	249
Geocentric position (AU)	−0.01011817	−0.00371290	−0.00232144	
C/2001 S2	2001 09 28.43090	12 04 41.0	−02 49 45	249
Geocentric position (AU)	−0.01011754	−0.00371448	−0.00232270	
C/2001 S2	2001 09 28.44590	12 05 03.3	−02 49 05	249
Geocentric position (AU)	−0.01011718	−0.00371536	−0.00232341	
C/2001 S2	2001 09 28.47090	12 05 39.0	−02 47 43	249
Geocentric position (AU)	−0.01011659	−0.00371683	−0.00232458	
C/2001 S2	2001 09 28.48756	12 06 07.6	−02 47 24	249
Geocentric position (AU)	−0.01011620	−0.00371781	−0.00232537	
C/2001 S2	2001 09 28.51256	12 06 44.1	−02 45 53	249
Geocentric position (AU)	−0.01011560	−0.00371928	−0.00232654	
C/2001 S2	2001 09 28.52954	12 07 11.1	−02 44 53	249
Geocentric position (AU)	−0.01011520	−0.00372028	−0.00232734	
C/2001 S2	2001 09 28.57165	12 08 18.5	−02 42 30	249
Geocentric position (AU)	−0.01011421	−0.00372275	−0.00232931	
C/2001 S2	2001 09 28.68788	12 11 43.9	−02 35 30	249
Geocentric position (AU)	−0.01011147	−0.00372952	−0.00233474	
C/2001 S2	2001 09 28.70423	12 12 13.2	−02 34 40	249
Geocentric position (AU)	−0.01011108	−0.00373047	−0.00233550	
C/2001 S2	2001 09 28.71256	12 12 28.0	−02 34 07	249
Geocentric position (AU)	−0.01011089	−0.00373095	−0.00233589	
C/2001 S2	2001 09 28.72923	12 12 58.4	−02 32 52	249
Geocentric position (AU)	−0.01011050	−0.00373192	−0.00233666	
C/2001 S2	2001 09 28.74590	12 13 29.7	−02 31 47	249
Geocentric position (AU)	−0.01011011	−0.00373288	−0.00233744	
C/2001 S2	2001 09 28.75424	12 13 45.2	−02 31 06	249
Geocentric position (AU)	−0.01010991	−0.00373337	−0.00233782	

C/2001 T1 (SOHO)

C/2001 T1	2001 10 09.10423	12 54 27.0	−04 14 42	249
Geocentric position (AU)	−0.00992442	−0.00421233	−0.00271883	
C/2001 T1	2001 10 09.12090	12 54 52.6	−04 12 44	249
Geocentric position (AU)	−0.00992419	−0.00421301	−0.00271933	
C/2001 T1	2001 10 09.12924	12 55 06.4	−04 11 57	249
Geocentric position (AU)	−0.00992408	−0.00421336	−0.00271958	
C/2001 T1	2001 10 09.14590	12 55 33.6	−04 09 56	249
Geocentric position (AU)	−0.00992385	−0.00421404	−0.00272008	
C/2001 T1	2001 10 09.16257	12 56 00.1	−04 08 20	249
Geocentric position (AU)	−0.00992362	−0.00421473	−0.00272058	
C/2001 T1	2001 10 09.17090	12 56 11.6	−04 08 04	249
Geocentric position (AU)	−0.00992350	−0.00421507	−0.00272083	
C/2001 T1	2001 10 09.18756	12 56 39.8	−04 06 39	249
Geocentric position (AU)	−0.00992327	−0.00421576	−0.00272133	
C/2001 T1	2001 10 09.20423	12 57 04.8	−04 05 57	249
Geocentric position (AU)	−0.00992304	−0.00421644	−0.00272182	

C/2001 T2 (SOHO)

C/2001 T2	2001 10 12.15423	12 50 05.4	−08 49 37	249
Geocentric position (AU)	−0.00988023	−0.00433817	−0.00280653	
C/2001 T2	2001 10 12.17923	12 50 45.1	−08 48 26	249
Geocentric position (AU)	−0.00987984	−0.00433921	−0.00280722	
C/2001 T2	2001 10 12.22090	12 51 38.2	−08 47 23	249
Geocentric position (AU)	−0.00987918	−0.00434093	−0.00280837	
C/2001 T2	2001 10 12.23758	12 51 58.3	−08 46 26	249
Geocentric position (AU)	−0.00987891	−0.00434162	−0.00280882	
C/2001 T2	2001 10 12.26256	12 52 34.1	−08 45 13	249
Geocentric position (AU)	−0.00987852	−0.00434265	−0.00280951	
C/2001 T2	2001 10 12.27923	12 52 59.1	−08 44 28	249
Geocentric position (AU)	−0.00987825	−0.00434334	−0.00280997	
C/2001 T2	2001 10 12.32090	12 53 53.8	−08 42 02	249
Geocentric position (AU)	−0.00987759	−0.00434506	−0.00281111	

C/2001 T2	2001 10 12.34590	12 54 27.9	−08 40 44				249
Geocentric position (AU)	−0.00987719	−0.00434609	−0.00281180				
C/2001 T2	2001 10 12.36256	12 54 52.5	−08 39 36				249
Geocentric position (AU)	−0.00987692	−0.00434678	−0.00281225				
C/2001 T2	2001 10 12.38756	12 55 27.9	−08 38 32				249
Geocentric position (AU)	−0.00987652	−0.00434781	−0.00281294				
C/2001 T2	2001 10 12.40423	12 55 52.7	−08 37 16				249
Geocentric position (AU)	−0.00987625	−0.00434850	−0.00281340				
C/2001 T2	2001 10 12.43063	12 56 32.2	−08 35 44				249
Geocentric position (AU)	−0.00987583	−0.00434959	−0.00281412				
C/2001 T2	2001 10 12.44590	12 56 52.3	−08 34 48				249
Geocentric position (AU)	−0.00987558	−0.00435022	−0.00281453				
C/2001 T2	2001 10 12.47090	12 57 28.5	−08 33 30				249
Geocentric position (AU)	−0.00987518	−0.00435125	−0.00281522				
C/2001 T2	2001 10 12.68756	13 03 03.8	−08 17 56				249
Geocentric position (AU)	−0.00987164	−0.00436019	−0.00282112				
C/2001 T2	2001 10 12.70423	13 03 30.0	−08 16 37				249
Geocentric position (AU)	−0.00987137	−0.00436088	−0.00282157				
C/2001 T2	2001 10 12.71258	13 03 46.3	−08 16 10				249
Geocentric position (AU)	−0.00987123	−0.00436123	−0.00282179				
C/2001 T2	2001 10 12.72924	13 04 12.6	−08 14 55				249
Geocentric position (AU)	−0.00987095	−0.00436191	−0.00282225				
C/2001 T2	2001 10 12.74590	13 04 41.0	−08 13 30				249
Geocentric position (AU)	−0.00987068	−0.00436260	−0.00282270				
C/2001 T2	2001 10 12.75424	13 04 54.2	−08 12 50				249
Geocentric position (AU)	−0.00987054	−0.00436294	−0.00282292				
C/2001 T2	2001 10 12.77090	13 05 22.3	−08 11 29				249
Geocentric position (AU)	−0.00987026	−0.00436363	−0.00282337				
C/2001 T2	2001 10 12.78987	13 05 56.1	−08 09 47				249
Geocentric position (AU)	−0.00986995	−0.00436441	−0.00282389				
C/2001 T2	2001 10 12.81524	13 06 40.5	−08 07 07				249
Geocentric position (AU)	−0.00986953	−0.00436546	−0.00282457				

P/2001 T3 (NEAT)

P/2001 T3	2001 10 11.26794	01 47 40.68	−08 34 37.5	18.2	N	5	704
P/2001 T3	2001 10 11.28438	01 47 39.97	−08 34 35.2	18.5	N	5	704
P/2001 T3	2001 10 11.30058	01 47 39.22	−08 34 34.0	18.5	N	5	704
P/2001 T3	2001 10 11.31680	01 47 38.45	−08 34 31.7	18.4	N	5	704
P/2001 T3	2001 10 11.33323	01 47 37.66	−08 34 29.3	18.4	N	5	704
P/2001 T3	2001 10 14.44977	01 45 17.08	−08 27 56.7	18.4	T		644
P/2001 T3	2001 10 14.47087	01 45 16.08	−08 27 53.3	18.3	T		644
P/2001 T3	2001 10 14.49207	01 45 15.09	−08 27 50.4	18.5	T		644
P/2001 T3	2001 10 14.88947	01 44 57.13	−08 26 53.2	17.5	N		046
P/2001 T3	2001 10 14.89122	01 44 56.99	−08 26 52.4				046
P/2001 T3	2001 10 14.89286	01 44 56.95	−08 26 52.3				046
P/2001 T3	2001 10 14.89449	01 44 56.77	−08 26 51.5				046
P/2001 T3	2001 10 14.92053	01 44 55.55	−08 26 48.5				557
P/2001 T3	2001 10 14.92719	01 44 55.20	−08 26 47.6				557
P/2001 T3	2001 10 14.93392	01 44 54.86	−08 26 46.7				557
P/2001 T3	2001 10 14.93966	01 44 54.68	−08 26 45.6				557
P/2001 T3	2001 10 14.98683	01 44 52.43	−08 26 38.8				118
P/2001 T3	2001 10 14.99347	01 44 52.16	−08 26 37.4				118
P/2001 T3	2001 10 14.99941	01 44 51.84	−08 26 35.5				118
P/2001 T3	2001 10 15.00421	01 44 51.54	−08 26 35.4				118
P/2001 T3	2001 10 15.31996	01 44 37.13	−08 25 47.5	18.0	T		644
P/2001 T3	2001 10 15.33044	01 44 36.64	−08 25 46.1	17.8	T		644
P/2001 T3	2001 10 15.34112	01 44 36.12	−08 25 44.6	18.1	T		644
P/2001 T3	2001 10 15.40889	01 44 32.88	−08 25 33.7	18.1	T		644
P/2001 T3	2001 10 15.41955	01 44 32.34	−08 25 31.9	17.9	T		644
P/2001 T3	2001 10 15.43025	01 44 31.83	−08 25 30.3	18.0	T		644
P/2001 T3	2001 10 15.47537	01 44 29.85	−08 25 23.5	18.6	T		608
P/2001 T3	2001 10 15.48620	01 44 29.33	−08 25 21.9	18.5	T		608
P/2001 T3	2001 10 15.49740	01 44 28.79	−08 25 19.8	18.9	T		608
P/2001 T3	2001 10 15.66294	01 44 21.29	−08 24 49.6	17.7	N		321
P/2001 T3	2001 10 15.66652	01 44 21.17	−08 24 48.7	17.6	N		321
P/2001 T3	2001 10 15.67009	01 44 20.92	−08 24 48.5	17.5	N		321
P/2001 T3	2001 10 15.67593	01 44 20.69	−08 24 47.3	18.1	N		321
P/2001 T3	2001 10 15.71080	01 44 18.99	−08 24 41.7	17.8	N		321
P/2001 T3	2001 10 15.71436	01 44 18.83	−08 24 41.6	18.0	N		321
P/2001 T3	2001 10 15.71795	01 44 18.68	−08 24 40.9	17.9	N		321
P/2001 T3	2001 10 15.81456	01 44 14.45	−08 24 32.3	17.0	T		046
P/2001 T3	2001 10 15.81657	01 44 14.35	−08 24 31.3				046
P/2001 T3	2001 10 15.81853	01 44 14.26	−08 24 31.9				046
P/2001 T3	2001 10 15.81950	01 44 14.20	−08 24 32.3				046
P/2001 T3	2001 10 15.88115	01 44 11.28	−08 24 19.5	17.0	T		046
P/2001 T3	2001 10 15.88249	01 44 11.25	−08 24 21.9				046
P/2001 T3	2001 10 15.88384	01 44 11.20	−08 24 21.2				046
P/2001 T3	2001 10 15.88553	01 44 11.04	−08 24 21.8				046
P/2001 T3	2001 10 18.57775	01 42 05.08	−08 16 34.1	17.6	T		360
P/2001 T3	2001 10 18.58207	01 42 04.87	−08 16 33.3				360
P/2001 T3	2001 10 18.60035	01 42 03.96	−08 16 30.3				342
P/2001 T3	2001 10 18.69618	01 41 59.32	−08 16 11.4				342
P/2001 T3	2001 10 18.92669	01 41 48.57	−08 15 27.0	17.3	T		170
P/2001 T3	2001 10 18.93243	01 41 48.31	−08 15 26.8	17.3	T		170
P/2001 T3	2001 10 18.94019	01 41 47.99	−08 15 25.1	17.3	T		170
P/2001 T3	2001 10 19.28554	01 41 31.59	−08 14 18.1	17.6	T		699
P/2001 T3	2001 10 19.30892	01 41 30.41	−08 14 13.3				699
P/2001 T3	2001 10 19.33236	01 41 29.20	−08 14 08.5				699
P/2001 T3	2001 10 19.35582	01 41 28.12	−08 14 03.8				699
P/2001 T3	2001 10 21.88571	01 39 28.57	−08 05 07.9	17.7	T		170
P/2001 T3	2001 10 22.34918	01 39 06.52	−08 03 20.1	19.5	T		644
P/2001 T3	2001 10 22.36977	01 39 05.53	−08 03 15.4	18.4	T		644
P/2001 T3	2001 10 22.39037	01 39 04.54	−08 03 10.9	18.4	T		644
P/2001 T3	2001 10 24.65745	01 37 17.57	−07 53 51.5	17.5	T		360
P/2001 T3	2001 10 24.66115	01 37 17.38	−07 53 50.8				360
P/2001 T3	2001 10 25.63821	01 36 31.57	−07 49 30.1	17.1	T		402
P/2001 T3	2001 10 25.64293	01 36 31.33	−07 49 28.7				402
P/2001 T3	2001 10 25.64528	01 36 31.25	−07 49 27.6				402

C/2001 T4 (NEAT)

C/2001 T4	2001 08 27.41947	01 33 20.59	−04 05 59.0	18.3	T	5	699
C/2001 T4	2001 08 27.43840	01 33 20.44	−04 05 57.5			5	699
C/2001 T4	2001 08 27.45738	01 33 20.16	−04 05 55.1			5	699
C/2001 T4	2001 08 27.47642	01 33 20.19	−04 05 58.4			5	699
C/2001 T4	2001 10 15.34693	01 21 22.08	−05 18 27.8	20.3	T		644
C/2001 T4	2001 10 15.35749	01 21 21.93	−05 18 28.7	21.1	T		644

C/2001 T4	2001 10 15.36798	01 21 21.71	−05 18 29.7	20.4	T		644
C/2001 T4	2001 10 15.91838	01 21 11.78	−05 19 04.7			6	046
C/2001 T4	2001 10 15.92611	01 21 11.40	−05 19 07.6			6	046
C/2001 T4	2001 10 16.29232	01 21 04.67	−05 19 29.0	20.2	T		644
C/2001 T4	2001 10 16.31339	01 21 04.24	−05 19 30.9	20.1	T		644
C/2001 T4	2001 10 16.33474	01 21 03.88	−05 19 31.5	21.0	T		644
C/2001 T4	2001 10 18.26963	01 20 28.16	−05 21 32.7	19.8			644
C/2001 T4	2001 10 18.28994	01 20 27.78	−05 21 33.9	19.6			644
C/2001 T4	2001 10 18.31460	01 20 27.30	−05 21 35.2	20.4			644
C/2001 T4	2001 10 21.38022	01 19 30.93	−05 24 30.8				644
C/2001 T4	2001 10 21.40083	01 19 30.58	−05 24 31.7				644
C/2001 T4	2001 10 23.29260	01 18 56.32	−05 26 06.6	21.1	T		644
C/2001 T4	2001 10 23.31382	01 18 55.94	−05 26 07.1	20.3	T		644
C/2001 T4	2001 10 23.33505	01 18 55.57	−05 26 09.3	20.6	T		644
C/2001 T4	2001 10 23.61016	01 18 50.51	−05 26 24.5	19.1	T		402
C/2001 T4	2001 10 23.61959	01 18 50.34	−05 26 25.7				402
C/2001 T4	2001 10 23.63154	01 18 50.17	−05 26 27.6				402
C/2001 T4	2001 10 25.62268	01 18 14.42	−05 27 57.0	19.5	T		402
C/2001 T4	2001 10 25.62741	01 18 14.25	−05 27 57.1				402
C/2001 T4	2001 10 25.63213	01 18 14.19	−05 27 56.5				402

6P/d'Arrest

6P	1995 07 27.99688	23 22 50.74	−02 23 09.7			056
6P	1995 07 28.94861	23 25 30.27	−02 58 26.3			056
6P	1995 08 06.04583	23 47 07.75	−08 24 20.5			056
6P	1995 08 06.98958	23 49 30.88	−09 04 31.2			056
6P	1995 08 07.03125	23 49 36.91	−09 06 15.8			056

16P/Brooks 2

16P	2001 10 11.68672	05 18 24.21	+16 00 30.7			349
16P	2001 10 11.69168	05 18 24.27	+16 00 29.8			349
16P	2001 10 11.69668	05 18 24.46	+16 00 29.0	16.6	T	349
16P	2001 10 12.61264	05 18 55.09	+15 56 45.6	15.0	T	340
16P	2001 10 12.62091	05 18 55.41	+15 56 47.1			340
16P	2001 10 12.62410	05 18 55.52	+15 56 42.6			340
16P	2001 10 12.62890	05 18 55.61	+15 56 44.2			340
16P	2001 10 13.11515	05 19 11.01	+15 54 45.4			046
16P	2001 10 13.11655	05 19 11.07	+15 54 45.1			046
16P	2001 10 13.11774	05 19 11.10	+15 54 44.8			046
16P	2001 10 13.11877	05 19 11.12	+15 54 44.5			046
16P	2001 10 13.43280	05 19 20.99	+15 53 30.3			704
16P	2001 10 13.44826	05 19 21.38	+15 53 26.3			704
16P	2001 10 16.03240	05 20 32.82	+15 42 46.5	16.8	T	629
16P	2001 10 17.33553	05 21 03.05	+15 37 23.7	18.3	T	704
16P	2001 10 17.35092	05 21 03.46	+15 37 19.1	18.2	T	704
16P	2001 10 17.36647	05 21 03.77	+15 37 15.5	18.4	T	704
16P	2001 10 17.38328	05 21 04.09	+15 37 11.0	18.5	T	704
16P	2001 10 17.39910	05 21 04.39	+15 37 05.5	17.9	T	704
16P	2001 10 22.38351	05 22 22.67	+15 15 59.0	18.0	T	704
16P	2001 10 22.40032	05 22 22.93	+15 15 54.4	18.4	T	704
16P	2001 10 22.41725	05 22 22.89	+15 15 48.0	18.4	T	704
16P	2001 10 22.45135	05 22 23.20	+15 15 41.0	18.3	T	704
16P	2001 10 23.63282	05 22 33.55	+15 10 37.7	15.8	T	340
16P	2001 10 23.63664	05 22 33.52	+15 10 36.9			340
16P	2001 10 23.64977	05 22 33.63	+15 10 33.0			340
16P	2001 10 23.65479	05 22 33.63	+15 10 31.7			340
16P	2001 10 24.33363	05 22 37.71	+15 07 40.3	18.0	T	704
16P	2001 10 24.34970	05 22 38.01	+15 07 33.8	19.2	T	704
16P	2001 10 24.36577	05 22 38.11	+15 07 29.4	18.6	T	704
16P	2001 10 24.40088	05 22 37.96	+15 07 17.7	17.9	T	704
16P	2001 10 26.72701	05 22 44.16	+14 57 23.4			349
16P	2001 10 26.72975	05 22 44.17	+14 57 22.8			349
16P	2001 10 26.73203	05 22 44.14	+14 57 22.3	16.5	T	349

19P/Borrelly

19P	1995 01 18.70764	09 49 02.72	+66 35 53.0			056
19P	1995 01 18.72292	09 49 01.86	+66 36 07.4			056
19P	2001 09 27.46288	08 09 41.94	+21 45 54.4	11.2	T	921
19P	2001 09 27.46992	08 09 43.32	+21 45 59.9	11.8	T	921
19P	2001 09 27.48000	08 09 45.40	+21 46 07.7	11.9	T	921
19P	2001 09 27.48454	08 09 46.27	+21 46 11.5	12.4	T	921
19P	2001 10 02.73647	08 27 46.63	+22 51 36.8			349
19P	2001 10 02.73926	08 27 47.18	+22 51 38.8			349
19P	2001 10 02.74065	08 27 47.48	+22 51 39.9			349
19P	2001 10 02.74240	08 27 47.82	+22 51 41.0	10.7	T	349
19P	2001 10 07.74529	08 44 56.97	+23 51 13.4	11.0	T	340
19P	2001 10 07.74770	08 44 57.44	+23 51 14.9			340
19P	2001 10 07.75023	08 44 57.99	+23 51 17.6			340
19P	2001 10 07.75237	08 44 58.47	+23 51 18.2			340
19P	2001 10 11.70675	08 58 29.92	+24 36 30.8			349
19P	2001 10 11.71002	08 58 30.59	+24 36 33.3			349
19P	2001 10 11.71339	08 58 31.27	+24 36 36.0			349
19P	2001 10 11.71458	08 58 31.54	+24 36 36.4			349
19P	2001 10 12.80310	09 02 14.23	+24 48 47.6			349
19P	2001 10 12.80431	09 02 14.49	+24 48 48.3			349
19P	2001 10 12.80536	09 02 14.70	+24 48 49.3			349
19P	2001 10 12.80676	09 02 14.98	+24 48 50.0	10.9	T	349
19P	2001 10 13.14656	09 03 24.42	+24 52 35.2			046
19P	2001 10 13.14870	09 03 24.86	+24 52 36.7			046
19P	2001 10 13.14936	09 03 24.99	+24 52 37.1			046
19P	2001 10 13.15032	09 03 25.18	+24 52 37.7			046
19P	2001 10 13.15146	09 03 25.41	+24 52 38.5			046
19P	2001 10 16.41603	09 14 31.29	+25 28 23.7	14.0	T	451
19P	2001 10 16.44218	09 14 36.50	+25 28 41.5	14.0	T	451
19P	2001 10 19.77800	09 25 52.23	+26 04 15.6			349
19P	2001 10 19.77928	09 25 52.48	+26 04 16.5			349
19P	2001 10 19.78036	09 25 52.69	+26 04 17.0			349
19P	2001 10 19.78147	09 25 52.92	+26 04 17.9	10.8	T	349
19P	2001 10 23.42168	09 38 04.11	+26 42 08.2	12.6	T	451
19P	2001 10 23.43853	09 38 07.49	+26 42 18.7	12.7	T	451
19P	2001 10 23.77604	09 39 14.89	+26 45 47.0	10.6	T	340
19P	2001 10 23.77792	09 39 15.26	+26 45 48.2			340
19P	2001 10 23.77938	09 39 15.54	+26 45 49.2			340
19P	2001 10 23.78097	09 39 15.88	+26 45 50.0			340
19P	2001 10 26.04577	09 46 46.46	+27 08 51.3	13.7	N	235
19P	2001 10 26.76530	09 49 08.69	+27 16 08.5			349
19P	2001 10 26.76762	09 49 09.13	+27 16 10.1			349

19P	2001 10 26.76933	09 49 09.47	+27 16 10.9			349
19P	2001 10 26.77077	09 49 09.75	+27 16 11.8	11.2	T	349

22P/Kopff

22P	1996 06 13.89925	19 16 24.04	−16 24 15.4			056
22P	1996 06 14.88935	19 16 53.94	−16 28 19.4			056
22P	1996 06 14.90816	19 16 54.48	−16 28 25.0			056

29P/Schwassmann-Wachmann 1

29P	2001 10 13.97954	18 46 01.88	−26 38 34.3	15.1	T	844
29P	2001 10 13.99785	18 46 02.35	−26 38 32.6	15.0	T	844
29P	2001 10 14.02170	18 46 02.99	−26 38 30.3	14.3	T	844

30P/Reinmuth 1

30P	2001 09 22.69167	01 18 31.05	−02 58 10.5	20.3	N	1 867
30P	2001 09 22.70417	01 18 30.45	−02 58 14.2			1 867
30P	2001 09 22.70868	01 18 30.32	−02 58 16.1			1 867
30P	2001 09 22.71285	01 18 30.22	−02 58 17.6			1 867
30P	2001 10 13.67431	01 04 08.53	−04 47 50.1	19.9	N	1 867
30P	2001 10 13.68021	01 04 08.22	−04 47 51.9			1 867
30P	2001 10 13.68507	01 04 07.98	−04 47 53.4			1 867

31P/Schwassmann-Wachmann 2

31P	2001 10 26.41817	09 09 11.26	+16 42 54.6	19.4	T	704
31P	2001 10 26.43468	09 09 12.22	+16 42 50.9	18.9	T	704
31P	2001 10 26.45117	09 09 13.09	+16 42 48.6	19.4	T	704

44P/Reinmuth 2

44P	2001 10 13.13183	05 46 46.78	+30 06 45.7	17.7	N	046
44P	2001 10 13.13380	05 46 46.81	+30 06 46.0			046
44P	2001 10 13.13481	05 46 46.81	+30 06 45.9			046
44P	2001 10 13.13602	05 46 46.81	+30 06 46.3			046
44P	2001 10 14.74561	05 47 02.60	+30 08 04.5	17.7	T	402
44P	2001 10 14.74824	05 47 02.59	+30 08 05.0			402
44P	2001 10 14.75220	05 47 02.56	+30 08 05.0			402
44P	2001 10 21.98781	05 47 11.84	+30 12 57.0	17.4	T	170
44P	2001 10 21.99171	05 47 11.70	+30 12 56.7	17.4	T	170
44P	2001 10 29.94294	05 45 25.65	+30 16 05.4	17.5	T	170

47P/Ashbrook-Jackson

47P	2001 10 08.39752	05 43 57.47	+36 55 36.9	18.0	T	704
47P	2001 10 08.41297	05 43 57.78	+36 55 41.9	18.4	T	704
47P	2001 10 08.42843	05 43 58.04	+36 55 47.5	18.3	T	704
47P	2001 10 13.12519	05 45 13.41	+37 21 23.6	17.7	N	046
47P	2001 10 13.12691	05 45 13.41	+37 21 24.0			046
47P	2001 10 13.12791	05 45 13.43	+37 21 24.6			046
47P	2001 10 13.12896	05 45 13.43	+37 21 24.7			046
47P	2001 10 19.42312	05 45 53.39	+37 55 19.5	19.0	T	704
47P	2001 10 19.43981	05 45 53.45	+37 55 26.0	19.5	T	704
47P	2001 10 19.45680	05 45 53.26	+37 55 31.8	18.9	T	704
47P	2001 10 19.47466	05 45 53.18	+37 55 37.0	19.4	T	704
47P	2001 10 19.49133	05 45 53.15	+37 55 43.4	19.0	T	704
47P	2001 10 25.36772	05 45 24.67	+38 26 28.0	18.3	T	704
47P	2001 10 25.38593	05 45 24.38	+38 26 33.5	18.8	T	704
47P	2001 10 25.40228	05 45 24.27	+38 26 39.1	18.6	T	704
47P	2001 10 25.41864	05 45 23.97	+38 26 44.3	18.8	T	704
47P	2001 10 25.43500	05 45 23.86	+38 26 49.4	18.9	T	704

51P/Harrington

51P	2001 10 02.72608	05 47 34.55	+13 14 03.1			349
51P	2001 10 02.72966	05 47 34.66	+13 14 03.2			349
51P	2001 10 02.73126	05 47 34.72	+13 14 02.4			349
51P	2001 10 02.73337	05 47 34.83	+13 14 02.7	14.3	T	349
51P	2001 10 11.64413	05 53 14.11	+13 02 30.1			349
51P	2001 10 11.64977	05 53 14.34	+13 02 30.0			349
51P	2001 10 12.64471	05 53 41.40	+13 01 14.1	13.7	T	340
51P	2001 10 12.64782	05 53 41.34	+13 01 13.5			340
51P	2001 10 12.65218	05 53 41.49	+13 01 13.2			340
51P	2001 10 12.65531	05 53 41.64	+13 01 13.4			340
51P	2001 10 12.77550	05 53 44.51	+13 01 04.9			349
51P	2001 10 12.77836	05 53 44.57	+13 01 04.4			349
51P	2001 10 12.78101	05 53 44.59	+13 01 05.1			349
51P	2001 10 12.78363	05 53 44.70	+13 01 04.5	14.7	T	349
51P	2001 10 14.75471	05 54 31.36	+12 58 42.2	14.2	T	402
51P	2001 10 14.75735	05 54 31.43	+12 58 41.9			402
51P	2001 10 14.76130	05 54 31.51	+12 58 41.6			402
51P	2001 10 16.04560	05 54 57.14	+12 57 11.9	16	T	629
51P	2001 10 16.05382	05 54 57.28	+12 57 10.9			629
51P	2001 10 19.02065	05 55 41.63	+12 53 58.6	15.8	N	170
51P	2001 10 19.76580	05 55 49.48	+12 53 14.1			349
51P	2001 10 19.77109	05 55 49.56	+12 53 13.7			349
51P	2001 10 19.77377	05 55 49.57	+12 53 14.3	15.2	T	349
51P	2001 10 25.02729	05 56 09.48	+12 48 41.3	15.8	N	170
51P	2001 10 26.74156	05 56 02.20	+12 47 34.4	15.8	T	349
51P	2001 10 26.74477	05 56 02.21	+12 47 33.5			349

61P/Shajn-Schaldach

61P	2001 10 14.76421	06 15 17.74	+15 55 05.6	18.5	T	402
61P	2001 10 14.76948	06 15 17.88	+15 55 04.6			402
61P	2001 10 26.70296	06 19 36.24	+15 21 37.4	17.8	T	402
61P	2001 10 26.70769	06 19 36.29	+15 21 36.4			402
61P	2001 10 26.71241	06 19 36.38	+15 21 35.8			402

71P/Clark

71P	2001 09 26.33702	02 06 24.65	+03 34 22.1	20.0	T	683
71P	2001 09 26.34815	02 06 24.14	+03 34 15.7	19.5	T	683
71P	2001 09 26.36263	02 06 23.28	+03 34 12.8	19.5	T	683
71P	2001 10 10.39513	01 53 39.69	+02 44 01.5	19.9	T	644
71P	2001 10 10.41633	01 53 38.41	+02 43 57.0	20.1	T	644
71P	2001 10 10.43737	01 53 37.16	+02 43 52.5	20.6	T	644
71P	2001 10 14.64249	01 49 31.39	+02 29 48.3	18.5	T	360
71P	2001 10 14.65008	01 49 30.93	+02 29 47.4			360

73P/Schwassmann-Wachmann 3

73P-C	2001 10 17.31779	03 19 31.32	+10 10 24.2	19.7	T	704
73P-C	2001 10 17.32376	03 19 31.01	+10 10 22.9	19.7	T	704
73P-C	2001 10 17.33366	03 19 30.26	+10 10 21.1	20.4	T	704
73P-C	2001 10 17.33965	03 19 29.97	+10 10 18.9	20.4	T	704
73P-C	2001 10 17.34967	03 19 29.17	+10 10 18.1	20.1	T	704
73P-C	2001 10 17.35565	03 19 28.93	+10 10 17.2	20.4	T	704

73P-C	2001 10 17.36556	03 19 28.34	+10 10 14.4	20.2 T		704
73P-C	2001 10 17.37153	03 19 27.86	+10 10 12.3	20.1 T		704
73P-C	2001 10 17.38147	03 19 27.23	+10 10 11.4	20.3 T		704
73P-C	2001 10 17.38746	03 19 26.83	+10 10 09.8	20.1 T		704
73P-C	2001 10 24.51706	03 11 33.55	+09 48 31.2	20.8 T		644
73P-C	2001 10 24.52748	03 11 32.95	+09 48 29.7	19.9 T		644
73P-C	2001 10 24.53806	03 11 32.23	+09 48 29.0	20.1 T		644

90P/Gehrels 1

90P	2001 10 10.19524	22 42 19.90	−14 13 17.9	20.0 T		644
90P	2001 10 10.21638	22 42 19.44	−14 13 16.1	19.7 T		644
90P	2001 10 10.23733	22 42 18.95	−14 13 14.6	19.9 T		644
90P	2001 10 17.09279	22 40 15.29	−14 01 45.6	20.2 T		644
90P	2001 10 17.11383	22 40 14.97	−14 01 42.5	20.2 T		644
90P	2001 10 17.13593	22 40 14.67	−14 01 39.0	19.4 T		644

116P/Wild 4

116P	2001 09 23.79025	06 17 11.12	+26 28 23.2			349
116P	2001 09 23.79371	06 17 11.29	+26 28 22.6	17.6 T		349
116P	2001 09 28.75457	06 20 27.99	+26 32 17.2			349
116P	2001 09 28.75781	06 20 28.08	+26 32 16.5	17.4 T		349
116P	2001 10 12.75936	06 27 39.12	+26 44 57.2			349
116P	2001 10 12.76531	06 27 39.24	+26 44 56.7			349
116P	2001 10 12.76846	06 27 39.30	+26 44 58.1	17.6 T		349
116P	2001 10 18.40610	06 29 34.04	+26 50 53.1	19.0 T		704
116P	2001 10 18.42324	06 29 34.36	+26 50 54.3	19.1 T		704
116P	2001 10 18.43918	06 29 34.61	+26 50 55.7	19.3 T		704
116P	2001 10 18.47194	06 29 35.16	+26 50 58.5	18.3 T		704

122P/de Vico

122P	1995 10 03.12986	10 17 37.48	+14 29 55.2			056
122P	1995 10 03.13542	10 17 39.75	+14 30 21.0			056
122P	1995 10 05.07361	10 31 01.05	+16 50 13.1			056
122P	1995 10 06.09236	10 38 27.79	+18 02 44.4			056
122P	1995 10 06.10486	10 38 33.18	+18 03 41.3			056
122P	1995 10 18.10139	12 24 50.16	+29 12 16.1			056
122P	1995 10 18.11667	12 24 58.84	+29 12 46.5			056
122P	1995 10 23.12292	13 13 05.76	+31 11 20.5			056
122P	1995 10 23.14097	13 13 15.25	+31 11 37.3			056
122P	1995 10 24.12292	13 22 23.05	+31 23 12.0			056
122P	1995 10 24.14375	13 22 34.54	+31 23 23.0			056

124P/Mrkos

124P	2001 09 19.79618	05 19 09.52	+53 25 14.0		1	867
124P	2001 09 19.79965	05 19 09.79	+53 25 16.1		1	867
124P	2001 09 19.80313	05 19 09.94	+53 25 19.1		1	867
124P	2001 09 22.78230	05 22 12.35	+54 02 06.1	20.2 N	1	867
124P	2001 09 22.78578	05 22 12.59	+54 02 08.1		1	867
124P	2001 09 22.78959	05 22 12.80	+54 02 11.8		1	867
124P	2001 10 13.71389	05 38 10.91	+58 39 27.0	19.8 N	1	867
124P	2001 10 13.71736	05 38 10.90	+58 39 29.4		1	867
124P	2001 10 13.72118	05 38 11.08	+58 39 33.2		1	867

151P/Helin

151P	2001 10 11.18850	23 51 39.79	−06 16 27.1	18.3 T		704
151P	2001 10 11.20504	23 51 39.39	−06 16 29.8	18.8 T		704
151P	2001 10 11.22128	23 51 39.00	−06 16 30.6	19.0 T		704
151P	2001 10 11.23750	23 51 38.71	−06 16 35.7	18.9 T		704
151P	2001 10 11.25375	23 51 38.37	−06 16 38.9	18.6 T		704
151P	2001 10 13.16821	23 51 05.70	−06 21 56.3			704
151P	2001 10 13.18419	23 51 05.51	−06 22 00.4			704
151P	2001 10 13.21603	23 51 04.87	−06 22 06.7			704
151P	2001 10 13.23171	23 51 04.50	−06 22 08.9			704
151P	2001 10 13.59078	23 50 58.72	−06 23 04.3	17.6 T		360
151P	2001 10 13.59530	23 50 58.65	−06 23 04.8			360
151P	2001 10 13.66249	23 50 57.45	−06 23 15.1	17.1 T		867
151P	2001 10 13.66597	23 50 57.40	−06 23 15.5			867
151P	2001 10 17.17069	23 50 08.46	−06 31 09.7	18.5 T		644
151P	2001 10 17.19164	23 50 08.19	−06 31 11.8	18.1 T		644
151P	2001 10 17.21259	23 50 07.88	−06 31 14.3	18.3 T		644
151P	2001 10 17.37428	23 50 05.67	−06 31 33.7	18.5 T		644
151P	2001 10 17.39559	23 50 05.39	−06 31 35.5	18.6 T		644
151P	2001 10 17.41786	23 50 05.12	−06 31 38.8	18.6 T		644

Note 1: faint image. 2: involved with star. 3: bad seeing. 4: revision to *MPC* 43434. 5: prediscovery observation. 6: very faint image.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

493 Calar Alto. 2.2-m reflector + CCD. Observers G. Bernabei, A. Campo Bagatin and J.-M. Petit. Measured by J.-M. Petit.

568 Mauna Kea. 2.2-m University of Hawaii reflector and 3.6-m Canada-France-Hawaii telescope + CCD. Observers S. S. Sheppard, D. C. Jewitt and J. Kavelaars. Measured by S. S. Sheppard and J.-M. Petit.

675 Palomar. 5-m Hale reflector + CCD. Observers P. Nicholson, C. Dumas and A. W. Harris. Measured by B. Gladman.

696 Mount Hopkins. 1.2-m reflector + CCD. Observers M. Holman, B. Gladman and T. Grav.

704 LINEAR. 1.0-m $f/2.15$ reflector + CCD. Observers M. Blythe, F. Shelly, M. Bezpalko, M. Elowitz and R. Huber. Measured by J. Stuart, H. Viggh, R. Sayer and J. B. Evans.

Object	Date UT	α_{2000}	δ_{2000}	Mag.	Obs.
S/1975 J 1	2001 10 15.63779	07 03 35.90	+22 40 18.2	20.2 R	568
S/1975 J 1	2001 10 15.64373	07 03 35.98	+22 40 17.6	20.3 R	568
S/1975 J 1	2001 10 16.60009	07 03 47.71	+22 38 57.9		568
S/1975 J 1	2001 10 16.61682	07 03 47.88	+22 38 56.6		568
S/2000 J 2	2001 10 13.62140	06 56 23.22	+23 08 12.2	22.6 R	568
S/2000 J 2	2001 10 13.63623	06 56 23.47	+23 08 12.0	22.6 R	568
S/2000 J 2	2001 10 14.62435	06 56 39.96	+23 08 05.8		568
S/2000 J 2	2001 10 14.63427	06 56 40.11	+23 08 05.9		568
S/2000 J 5	2001 10 12.58646	06 58 14.35	+22 32 09.9		568
S/2000 J 5	2001 10 12.62596	06 58 14.92	+22 32 10.6		568
S/2000 J 5	2001 10 13.60528	06 58 29.14	+22 32 23.0		568
S/2000 J 5	2001 10 14.57472	06 58 42.53	+22 32 36.4	23.1 R	568
S/2000 J 5	2001 10 14.59466	06 58 42.79	+22 32 36.7	23.2 R	568
S/2000 J 5	2001 10 14.61944	06 58 43.09	+22 32 37.0		568
S/2000 J 8	2001 10 12.57608	07 13 58.13	+23 19 33.2		568

S/2000 J 8	2001 10 12.61589	07 13 58.96	+23 19 32.8			568
S/2000 J 8	2001 10 13.59532	07 14 19.69	+23 19 24.1	22.3	R	568
S/2000 J 8	2001 10 13.62630	07 14 20.32	+23 19 23.9	22.3	R	568
S/2000 J 9	2001 10 12.59147	06 58 17.30	+22 17 53.4			568
S/2000 J 9	2001 10 12.63091	06 58 17.93	+22 17 53.2			568
S/2000 J 9	2001 10 12.64556	06 58 18.21	+22 17 53.0			568
S/2000 J 9	2001 10 13.59031	06 58 33.67	+22 17 42.1	22.6	R	568
S/2000 J 9	2001 10 13.61637	06 58 34.08	+22 17 41.9	22.7	R	568
S/2000 J 10	2001 10 12.62097	06 56 31.77	+23 06 23.9			568
S/2000 J 10	2001 10 13.58031	06 56 45.49	+23 06 11.4	22.8	R	568
S/2000 J 10	2001 10 13.60025	06 56 45.74	+23 06 11.0	23.0	R	568
S/2000 S 1	2001 08 21.13448	04 51 49.17	+20 51 29.4	22.3	R	493
S/2000 S 1	2001 08 21.15968	04 51 49.52	+20 51 30.7	22.3	R	493
S/2000 S 1	2001 09 20.51157	04 56 11.70	+20 55 15.4			675
S/2000 S 2	2001 08 20.12824	04 50 25.54	+21 17 39.0			493
S/2000 S 2	2001 08 20.15844	04 50 26.03	+21 17 39.8			493
S/2000 S 2	2001 08 24.54571	04 51 38.58	+21 19 01.3	21.7	R	568
S/2000 S 2	2001 08 24.56580	04 51 38.88	+21 19 01.5	21.6	R	568
S/2000 S 2	2001 08 24.58853	04 51 39.25	+21 19 02.0	21.9	R	568
S/2000 S 2	2001 09 19.39932	04 56 05.15	+21 21 24.1			675
S/2000 S 2	2001 09 19.44142	04 56 05.35	+21 21 23.8	21	R	675
S/2000 S 2	2001 09 19.47078	04 56 05.47	+21 21 23.7	21	R	675
S/2000 S 3	2001 10 17.30927	04 53 54.41	+20 24 53.6			696
S/2000 S 3	2001 10 17.32688	04 53 54.22	+20 24 53.1			696
S/2000 S 3	2001 10 17.34318	04 53 54.07	+20 24 52.4			696
S/2000 S 3	2001 10 20.32250	04 53 22.12	+20 23 00.0	19.9	R	696
S/2000 S 3	2001 10 20.34288	04 53 21.90	+20 22 59.2	20.0	R	696
S/2000 S 3	2001 10 22.32056	04 52 58.62	+20 21 41.9			696
S/2000 S 3	2001 10 22.33743	04 52 58.40	+20 21 41.2			696
S/2000 S 4	2001 08 22.13328	04 54 04.51	+21 27 35.9			493
S/2000 S 4	2001 08 22.14098	04 54 04.63	+21 27 36.7			493
S/2000 S 4	2001 08 22.14878	04 54 04.74	+21 27 36.8			493
S/2000 S 4	2001 08 22.15678	04 54 04.90	+21 27 37.1			493
S/2000 S 4	2001 09 19.39031	04 58 54.84	+21 34 16.6			675
S/2000 S 4	2001 09 19.42317	04 58 54.96	+21 34 16.7			675
S/2000 S 5	2001 08 21.12508	04 48 30.26	+20 40 37.8	22.1	R	493
S/2000 S 5	2001 08 21.15028	04 48 30.63	+20 40 39.6			493
S/2000 S 5	2001 08 24.55224	04 49 23.68	+20 42 49.0			568
S/2000 S 5	2001 08 24.57220	04 49 23.98	+20 42 49.7			568
S/2000 S 5	2001 08 24.59261	04 49 24.32	+20 42 50.6			568
S/2000 S 6	2001 08 24.53888	04 49 38.89	+20 18 40.3	23.1	R	568
S/2000 S 6	2001 08 24.55885	04 49 39.19	+20 18 40.5	23.1	R	568
S/2000 S 6	2001 08 24.57891	04 49 39.48	+20 18 40.9	23.2	R	568
S/2000 S 6	2001 09 18.42311	04 53 52.13	+20 18 24.5	23.0	R	675
S/2000 S 6	2001 09 18.44645	04 53 52.23	+20 18 24.2	23.1	R	675
S/2000 S 6	2001 09 18.47037	04 53 52.33	+20 18 23.9	22.8	R	675
S/2000 S 6	2001 09 19.37262	04 53 56.58	+20 18 14.7			675
S/2000 S 8	2001 09 19.37675	04 53 04.98	+20 25 38.1	24	R	675
S/2000 S 8	2001 09 20.44765	04 53 07.62	+20 25 35.5			675
S/2000 S 8	2001 09 20.45591	04 53 07.61	+20 25 35.8			675
S/2000 S 8	2001 09 20.49846	04 53 07.73	+20 25 35.3	24	R	675
S/2000 S 8	2001 09 20.50674	04 53 07.72	+20 25 35.2			675
S/2000 S 9	2001 09 18.43091	04 57 58.73	+20 44 31.2	24.1	R	675
S/2000 S 9	2001 09 18.45386	04 57 58.81	+20 44 31.2	23.5	R	675
S/2000 S 9	2001 09 18.47747	04 57 58.91	+20 44 30.9	23.5	R	675
S/2000 S 9	2001 09 19.38304	04 58 02.59	+20 44 28.4			675
S/2000 S 9	2001 09 19.43024	04 58 02.78	+20 44 28.6			675
S/2000 S 10	2001 08 24.54571	04 50 52.72	+21 19 25.4	23.2	R	568
S/2000 S 10	2001 08 24.56580	04 50 52.98	+21 19 25.7	23.2	R	568
S/2000 S 10	2001 08 24.58853	04 50 53.33	+21 19 26.0	23.6	R	568
S/2000 S 10	2001 09 19.39932	04 54 41.35	+21 22 47.7			675
S/2000 S 10	2001 09 19.44142	04 54 41.45	+21 22 47.6	23.1	R	675
S/2000 S 10	2001 09 19.47078	04 54 41.54	+21 22 47.5	23.2	R	675
S/2000 S 11	2001 08 20.13314	04 49 47.37	+20 23 48.5			493
S/2000 S 11	2001 08 20.16314	04 49 47.87	+20 23 49.6			493
S/2000 S 11	2001 08 24.53888	04 50 59.98	+20 26 00.6	21.1	R	568
S/2000 S 11	2001 08 24.55885	04 51 00.31	+20 26 01.2	21.0	R	568
S/2000 S 11	2001 08 24.57891	04 51 00.58	+20 26 01.5	21.3	R	568
S/2000 S 11	2001 10 21.31150	04 54 06.75	+20 36 42.9			696
S/2000 S 11	2001 10 21.33459	04 54 06.48	+20 36 43.2			696
S/2000 S 11	2001 10 22.32929	04 53 56.77	+20 36 38.4			696
S/2000 S 11	2001 10 22.34559	04 53 56.54	+20 36 39.2			696
S/2000 S 11	2001 10 23.29938	04 53 46.83	+20 36 34.6			696
S/2000 S 11	2001 10 23.32337	04 53 46.55	+20 36 34.4			696
S/2000 S 11	2001 10 23.38043	04 53 45.93	+20 36 34.3			696
S/2000 S 11	2001 10 23.40917	04 53 45.61	+20 36 33.9			696
S/2000 S 11	2001 10 23.45218	04 53 45.14	+20 36 33.6			696
S/2000 S 12	2001 08 24.55224	04 48 05.66	+20 35 14.2			568
S/2000 S 12	2001 08 24.57220	04 48 05.94	+20 35 14.4			568
S/2000 S 12	2001 09 19.40717	04 51 40.44	+20 37 20.8	23.8	R	675
S/2000 S 12	2001 09 19.44952	04 51 40.59	+20 37 21.5	23.7	R	675
S/2000 S 12	2001 09 19.47738	04 51 40.67	+20 37 21.5	24.5	R	675
Jupiter VII	2001 10 19.40814	07 03 42.88	+22 05 33.8	17.4	R	696
Jupiter VII	2001 10 19.45143	07 03 43.48	+22 05 34.0	17.2	R	696
Jupiter VII	2001 10 19.48995	07 03 44.01	+22 05 34.1	17.2	R	696
Jupiter XII	2001 10 12.59147	06 58 31.00	+22 14 09.9			568
Jupiter XII	2001 10 12.63091	06 58 31.56	+22 14 10.2			568
Jupiter XII	2001 10 12.64556	06 58 31.76	+22 14 10.3			568
Jupiter XII	2001 10 13.59031	06 58 45.53	+22 14 18.3	19.2	R	568
Jupiter XII	2001 10 13.61637	06 58 45.88	+22 14 18.5	19.2	R	568
Saturn IX	2001 10 22.38337	04 55 14.42	+20 47 25.4	16.8		704
Saturn IX	2001 10 22.39990	04 55 14.11	+20 47 24.6	17.9		704
Saturn IX	2001 10 22.41643	04 55 13.89	+20 47 24.9	17.9		704
Saturn IX	2001 10 22.44962	04 55 13.47	+20 47 24.2	17.3		704
Saturn IX	2001 10 23.43268	04 55 01.81	+20 46 59.8	17.5		704
Saturn IX	2001 10 23.44915	04 55 01.48	+20 46 58.2	19.5		704
Saturn IX	2001 10 23.46563	04 55 01.17	+20 47 01.5	19.4		704
Saturn IX	2001 10 23.48210	04 55 00.86	+20 47 00.1	19.1		704
Uranus XIX	2001 08 21.97568	21 42 29.69	−14 43 14.8	22.8	R	493
Uranus XIX	2001 08 22.00218	21 42 29.46	−14 43 15.6	23.1	R	493
Uranus XIX	2001 08 22.02978	21 42 29.17	−14 43 17.5	22.9	R	493
Uranus XIX	2001 08 22.05668	21 42 28.93	−14 43 18.6	23.0	R	493

RADAR OBSERVATIONS

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

Object	Date	UTC	Doppler/Hz	Delay/μs	MHz	B	Tx/Rc
1998 ST_{27}	2001 10 07	013900		77102108 ± 12	2380	C	251/251
(22771)	2001 09 25	213300		113743141.8 ± 1.0	2380	C	251/251
(22771)	2001 09 25	205800		113734203.0 ± 8.0	2380	C	251/251
(22771)	2001 09 25	202900	− 7944.26 ± 1.00		2380	C	251/251

ORBITAL ELEMENTS

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

B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu]
S. Nakano, 3-19, 1 chome, Takenokuchi, Sumoto, Hyogo-ken 656, Japan [nakano@oaa.gr.jp]
G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [gwilliams@cfa.harvard.edu]

C/1996 B5 (SOHO)

T	1996 Jan. 29.92 TT			Marsden	
q	0.0050		(2000.0)	**P**	**Q**
		ω	75.73	+0.19931	−0.97933
		Ω	356.60	−0.95963	−0.18792
e	1.0	i	144.43	+0.19844	+0.07486

From 18 observations 1996 Jan. 29.

C/1996 R4 (SOHO)

T	1996 Sept. 15.22 TT			Marsden	
q	0.0055		(2000.0)	**P**	**Q**
		ω	77.06	+0.17156	−0.98442
		Ω	356.23	−0.96363	−0.15953
e	1.0	i	144.11	+0.20492	+0.07396

From 8 observations 1996 Sept. 14.

C/1999 K8 (LINEAR)

Epoch 2000 Apr. 6.0 TT = JDT 2451640.5

T	2000 Apr. 24.3032 TT			Nakano	
q	4.200543		(2000.0)	**P**	**Q**
z	−0.000188	ω	164.6215	+0.9722292	+0.1006885
	±0.000001	Ω	195.3946	+0.0088434	+0.8862657
e	1.000789	i	52.7332	+0.2338636	−0.4521006

From 575 observations 1999 May 26–2001 Oct. 15, mean residual 0″.6.

C/1999 S2 (McNaught-Watson)

Epoch 1997 Nov. 8.0 TT = JDT 2450760.5

T	1997 Nov. 22.5066 TT			Nakano	
q	6.466250		(2000.0)	**P**	**Q**
z	−0.001123	ω	223.4713	+0.0767156	+0.4711161
	±0.000005	Ω	74.4280	−0.4611781	+0.7981483
e	1.007263	i	65.8130	−0.8839850	−0.3755115

From 79 observations 1999 Sept. 19–2001 Oct. 14, mean residual 0″.7.

C/1999 Y1 (LINEAR)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T	2001 Mar. 24.1109 TT			Marsden	
q	3.091209		(2000.0)	**P**	**Q**
z	−0.000195	ω	184.2847	+0.9933702	+0.0346730
	±0.000001	Ω	188.8839	+0.1146751	−0.3658633
e	1.000603	i	134.7870	−0.0080775	−0.9300225

From 783 observations 1999 Oct. 29–2001 Oct. 14, mean residual 0″.6.

C/2000 K2 (LINEAR)

Epoch 2000 Oct. 23.0 TT = JDT 2451840.5

T	2000 Oct. 11.3711 TT			Nakano	
q	2.437065		(2000.0)	**P**	**Q**
z	+0.001848	ω	106.8257	+0.5064205	+0.8547339
	±0.000003	Ω	195.2622	−0.8586548	+0.5119788
e	0.995495	i	25.6332	+0.0790590	+0.0854845

From 247 observations 2000 May 4–2001 Oct. 22, mean residual 0″.7.

C/2000 U5 (LINEAR)

Epoch 2000 Feb. 26.0 TT = JDT 2451600.5

T	2000 Mar. 12.9081 TT			Nakano	
q	3.485238		(2000.0)	**P**	**Q**
z	−0.000322	ω	298.9254	+0.1515233	+0.3937233
	±0.000004	Ω	65.2983	+0.7719565	+0.5257424
e	1.001121	i	93.6484	−0.6173523	+0.7540404

From 277 observations 2000 Oct. 29–2001 Oct. 26, mean residual 0″.7.

C/2000 WM_1 (LINEAR)

Epoch 2002 Jan. 6.0 TT = JDT 2452280.5

T	2002 Jan. 22.6744 TT			Marsden	
q	0.555378		(2000.0)	**P**	**Q**
z	−0.000523	ω	276.7690	−0.3148963	−0.4978065
	±0.000002	Ω	237.8964	+0.4304224	−0.8337325
e	1.000291	i	72.5495	−0.8459178	−0.2389117

From 596 observations 2000 Nov. 16–2001 Oct. 29, mean residual 0″.6.

C/2000 Y1 (Tubbiolo)

Epoch 2001 Feb. 20.0 TT = JDT 2451960.5

T	2001 Feb. 2.2123 TT			Marsden	
q	7.974743		(2000.0)	**P**	**Q**
z	−0.000394	ω	181.7360	+0.5282425	+0.6237274
	±0.000008	Ω	239.3958	+0.7868719	−0.1046446
e	1.003144	i	137.9816	+0.3190494	−0.7746055

From 74 observations 2000 Oct. 24–2001 Oct. 29, mean residual 0″.7.

C/2001 B1 (LINEAR)

Epoch 2000 Sept. 13.0 TT = JDT 2451800.5

T	2000 Sept. 19.2865 TT			Nakano	
q	2.927986		(2000.0)	**P**	**Q**
z	−0.000195	ω	284.8142	−0.0154735	+0.6713076
	±0.000007	Ω	49.8316	+0.6918869	+0.5422128
e	1.000572	i	104.1343	−0.7218401	+0.5053231

From 117 observations 2001 Jan. 22–Oct. 21, mean residual 0″.6.

P/2001 MD_7 (LINEAR)

Epoch 2001 Nov. 27.0 TT = JDT 2452240.5

T	2001 Nov. 30.1342 TT			Nakano	
q	1.254294		(2000.0)	**P**	**Q**
n	0.1245850	ω	244.8479	+0.9507702	−0.2513249
a	3.970320	Ω	129.1678	+0.2918602	+0.9228750
e	0.684082	i	13.5240	−0.1041809	+0.2917833
P	7.91				

From 198 observations 2001 June 21–Oct. 25, mean residual 0″.7.

C/2001 M10 (NEAT)

Epoch 2001 June 20.0 TT = JDT 2452080.5

T	2001 June 21.0881 TT			Marsden	
q	5.302927		(2000.0)	**P**	**Q**
n	0.0071398	ω	5.4654	+0.4803872	+0.7642275
a	26.710234	Ω	293.9171	−0.8214665	+0.2201546
e	0.801465	i	28.0832	−0.3072798	+0.6062081
P	138				

From 64 observations 2001 June 20–Oct. 14, mean residual 0″.6.

C/2001 N2 (LINEAR)

Epoch 2002 Sept. 3.0 TT = JDT 2452520.5

T	2002 Aug. 19.6360 TT			Nakano	
q	2.668859		(2000.0)	**P**	**Q**
z	−0.000418	ω	151.8865	−0.2518415	−0.8114217
	±0.000023	Ω	52.8081	−0.9646067	+0.2544834
e	1.001115	i	138.5417	−0.0781656	−0.5261492

From 265 observations 2001 July 11–Oct. 23, mean residual 0″.7.

C/2001 Q1 (NEAT)

T	2001 Sept. 21.0913 TT			Nakano	
q	5.834341		(2000.0)	**P**	**Q**
z	+0.005765	ω	175.4834	+0.7352139	+0.3143412
		Ω	139.2605	−0.6471621	+0.5890218
e	0.966366	i	66.9553	−0.2015979	−0.7444749

From 64 observations 2001 July 16–Oct. 12.

P/2001 Q2 (Petriew)

T	2001 Sept. 1.9220 TT			Nakano	
q	0.945692		(2000.0)	**P**	**Q**
n	0.1794069	ω	181.9011	+0.8094796	−0.5713868
a	3.113460	Ω	214.1073	+0.5418277	+0.8156090
e	0.696257	i	13.9445	+0.2261978	+0.0910993
P	5.49				

From 355 observations 2001 Aug. 19–Oct. 26.

C/2001 Q4 (NEAT)

T	2004 May 16.9746 TT			Nakano	
q	0.961548		(2000.0)	**P**	**Q**
		ω	1.2542	−0.8660876	−0.0643327
		Ω	210.1775	−0.4668006	−0.2507327
e	1.0	i	99.5356	−0.1788560	+0.9659164

From 82 observations 2001 Aug. 24–Oct. 24.

P/2001 Q5 (LINEAR-NEAT)

T	2001 June 11.6114 TT			Marsden	
q	2.043019		(2000.0)	**P**	**Q**
n	0.1503356	ω	6.3883	+0.9537252	+0.2908078
a	3.502903	Ω	336.2691	−0.2835900	+0.7855301
e	0.416764	i	10.9455	−0.0999245	+0.5462356
P	6.56				

From 183 observations 2001 Aug. 17–Oct. 27.

P/2001 Q6 (NEAT)

T	2001 Nov. 9.4633 TT			Marsden	
q	1.408203		(2000.0)	**P**	**Q**
n	0.0435594	ω	43.3273	+0.5324599	−0.7854534
a	7.999842	Ω	22.1368	+0.3417802	−0.1415097
e	0.823971	i	56.8570	+0.7743854	+0.6025264
P	22.6				

From 217 observations 2001 Aug. 28–Oct. 26.

P/2001 R1 (LONEOS)

T	2002 Feb. 17.5357 TT			Nakano	
q	1.360420		(2000.0)	**P**	**Q**
n	0.1520166	ω	24.7349	+0.4984454	−0.8639956
a	3.477032	Ω	35.4889	+0.7735903	+0.4062335
e	0.608741	i	7.0407	+0.3912931	+0.2974658
P	6.48				

From 62 observations 2001 Aug. 19–Oct. 23.

P/2001 R6 (LINEAR-Skiff)

T	2001 Oct. 27.0300 TT			Nakano	
q	2.115153		(2000.0)	**P**	**Q**
n	0.1181011	ω	306.1634	+0.9243028	−0.2585812
a	4.114340	Ω	70.3265	+0.3674999	+0.8014830
e	0.485907	i	17.3445	−0.1029958	+0.5392223
P	8.35				

From 55 observations 2001 Aug. 19–Oct. 24.

C/2001 RX_{14} (LINEAR)

T	2003 Jan. 19.0371 TT			Marsden	
q	2.059058		(2000.0)	**P**	**Q**
		ω	121.4953	−0.6862899	−0.7165967
		Ω	14.1715	+0.3633489	−0.4860499
e	1.0	i	30.5603	+0.6300665	−0.5002447

From 161 observations 2001 Aug. 28–Oct. 28.

C/2001 S1 (Skiff)

T	2001 June 2.5753 TT			Nakano	
q	3.750038		(2000.0)	**P**	**Q**
z	+0.018316	ω	285.2032	+0.5909763	+0.7378859
		Ω	330.1165	+0.7118081	−0.6671390
e	0.931313	i	139.1340	−0.3795737	−0.1022249

From 32 observations 2001 Sept. 26–Oct. 24.

C/2001 S2 (SOHO)

T	2001 Sept. 28.97 TT			Marsden	
q	0.0053		(2000.0)	**P**	**Q**
		ω	81.06	+0.19270	−0.98088
		Ω	2.68	−0.95823	−0.19407
e	1.0	i	144.40	+0.21133	+0.01444

From 25 observations 2001 Sept. 28.

C/2001 T1 (SOHO)

T	2001 Oct. 9.17 TT			Marsden	
q	0.0364		(2000.0)	**P**	**Q**
		ω	59.05	−0.17344	+0.74039
		Ω	136.40	+0.19583	−0.62032
e	1.0	i	109.66	+0.96518	+0.25891

From 8 observations 2001 Oct. 9.

C/2001 T2 (SOHO)

T	2001 Oct. 13.06 TT			Marsden	
q	0.0070		(2000.0)	**P**	**Q**
		ω	80.74	+0.23381	−0.97075
		Ω	5.30	−0.94590	−0.24009
e	1.0	i	143.82	+0.22496	−0.00058

From 23 observations 2001 Oct. 12.

P/2001 T3 (NEAT)

T	2002 Feb. 1.3297 TT			Nakano	
q	2.505616		(2000.0)	**P**	**Q**
n	0.0592360	ω	356.3242	+0.6010148	−0.7506432
a	6.517465	Ω	56.5194	+0.7414219	+0.3954151
e	0.615554	i	19.2101	+0.2984540	+0.5293219
P	16.6				

From 64 observations 2001 Oct. 11–25.

C/2001 T4 (NEAT)

T	2002 May 21.7854 TT			Marsden	
q	8.565592		(2000.0)	**P**	**Q**
n	0.0189849	ω	321.9354	+0.8757925	−0.4192624
a	13.916497	Ω	64.4670	+0.4817091	+0.7276322
e	0.384501	i	15.3709	+0.0307218	+0.5429276
P	51.9				

From 20 observations 2001 Aug. 27–Oct. 25.

71P/Clark

Epoch 2000 Dec. 2.0 TT = JDT 2451880.5

T	2000 Dec. 2.0303 TT			Nakano	
q	1.559166		(2000.0)	**P**	**Q**
n	0.1786847	ω	208.8421	−0.0312601	+0.9893117
a	3.121843	Ω	59.6936	−0.8824666	+0.0395930
e	0.500562	i	9.4955	−0.4693352	−0.1403377
P	5.52				

From 222 observations 1994–2001, mean residual 0″.8. Nongravitational parameters $A_1 = +0.78 \pm 0.07$, $A_2 = +0.2261 \pm 0.0244$, $A_3 = -0.26 \pm 0.02$.

116P/Wild 4

Epoch 2003 Feb. 10.0 TT = JDT 2452680.5

T	2003 Jan. 21.5878 TT			Nakano	
q	2.169756		(2000.0)	**P**	**Q**
n	0.1521771	ω	173.4088	−0.9681345	+0.2494017
a	3.474587	Ω	21.0753	−0.2325492	−0.8617073
e	0.375535	i	3.6159	−0.0929322	−0.4418816
P	6.48				

From 572 observations 1990–2001, mean residual 0″.9. Nongravitational parameters $A_1 = +1.64 \pm 0.05$, $A_2 = +0.5314 \pm 0.0021$.

S/1975 J 1 = S/2000 J 1

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					Williams		
M	300.32425		(2000.0)		**P**		**Q**
n	2.77296329	ω	240.69715		+0.22972276		−0.93794388
a	0.0494094	Ω	201.50877		+0.93569007		+0.13939870
e	0.2076017	i	45.11719		−0.26779012		−0.31753627
P	129.83 d	H	14.4	G	0.15		

From 35 observations 1975 Sept. 30–2001 Oct. 16, mean residual 0″.48.

S/2000 J 2

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					Marsden		
M	214.35544		(2000.0)		**P**		**Q**
n	0.51786717	ω	216.58046		−0.98683757		−0.02057993
a	0.1512261	Ω	38.72236		+0.01223221		+0.97952832
e	0.3768961	i	165.14255		−0.16125131		+0.20025168
P	695.16 d	H	15.3	G	0.15		

From 38 observations 2000 Nov. 23–2001 Oct. 14, mean residual 0″.23.

S/2000 J 5

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					Marsden		
M	243.74238		(2000.0)		**P**		**Q**
n	0.58589083	ω	129.86853		−0.07636890		−0.93478133
a	0.1392818	Ω	39.96691		−0.99688699		+0.06474445
e	0.1651980	i	147.31095		+0.01959874		−0.34927357
P	614.45 d	H	15.2	G	0.15		

From 38 observations 2000 Nov. 23–2001 Oct. 14, mean residual 0″.24.

S/2000 J 8

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					Marsden		
M	93.37050		(2000.0)		**P**		**Q**
n	0.49028954	ω	302.27018		+0.91660000		+0.09299205
a	0.1568450	Ω	304.61175		+0.14410871		−0.98404285
e	0.6008409	i	151.80618		−0.37293046		−0.15169754
P	734.26 d	H	15.0	G	0.15		

From 32 observations 2000 Nov. 25–2001 Oct. 13, mean residual 0″.22.

S/2000 J 9

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					Marsden		
M	58.00535		(2000.0)		**P**		**Q**
n	0.52740356	ω	241.11394		+0.28164964		+0.93886862
a	0.1493976	Ω	313.31432		+0.94754126		−0.23964972
e	0.1843462	i	164.21011		+0.15112591		−0.24717147
P	682.59 d	H	15.4	G	0.15		

From 40 observations 2000 Nov. 25–2001 Oct. 13, mean residual 0″.24.

S/2000 J 10

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	200.68989		(2000.0)	**P**	**Q**
n	0.52379806	ω	282.54006	−0.67867476	−0.72449760
a	0.1500824	Ω	148.71223	−0.55098853	+0.61068220
e	0.2659349	i	166.59132	−0.48560500	+0.31964117
P	687.29 d	H	15.7	G	0.15

From 33 observations 2000 Nov. 26–2001 Oct. 13, mean residual $0''.30$.

S/2000 S 1

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	43.96653		(2000.0)	**P**	**Q**
n	0.27101350	ω	42.43394	−0.96178900	+0.26769460
a	0.1557901	Ω	207.06661	+0.20483381	+0.84277990
e	0.3746580	i	172.74556	+0.18167284	+0.46697072
P	1328.35 d	H	12.3	G	0.15

From 22 observations 2000 Aug. 7–2001 Sept. 20, mean residual $0''.27$.

S/2000 S 2

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	285.44829		(2000.0)	**P**	**Q**
n	0.52565537	ω	241.98116	−0.56911221	+0.81281589
a	0.1001689	Ω	350.02901	−0.22887340	−0.30174411
e	0.4618653	i	45.86246	−0.78976468	−0.49827786
P	684.86 d	H	11.9	G	0.15

From 37 observations 2000 Aug. 7–2001 Sept. 19, mean residual $0''.27$.

S/2000 S 3

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	95.76220		(2000.0)	**P**	**Q**
n	0.39267207	ω	65.94181	−0.36204168	−0.64644029
a	0.1216691	Ω	63.72412	+0.30906902	−0.76296193
e	0.3804753	i	48.50265	+0.87943287	+0.00201216
P	916.80 d	H	10.6	G	0.15

From 30 observations 2000 Sept. 23–2001 Oct. 22, mean residual $0''.37$.

S/2000 S 4

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	154.77653		(2000.0)	**P**	**Q**
n	0.40004074	ω	285.65578	+0.77015795	−0.28445672
a	0.1201704	Ω	93.78833	+0.51406928	+0.80667948
e	0.6125237	i	34.90118	−0.37761025	+0.51802760
P	899.91 d	H	12.8	G	0.15

From 29 observations 2000 Sept. 23–2001 Sept. 19, mean residual $0''.25$.

S/2000 S 5

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	336.24529		(2000.0)	**P**	**Q**
n	0.80071134	ω	91.25720	+0.07279153	−0.99165052
a	0.0756629	Ω	351.81548	+0.30839329	+0.12387767
e	0.1658184	i	48.39259	+0.94846980	+0.03582689
P	449.60 d	H	12.5	G	0.15

From 29 observations 2000 Aug. 7–2001 Aug. 24, mean residual $0''.25$.

S/2000 S 6

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	191.01573		(2000.0)	**P**	**Q**
n	0.79645970	ω	70.72990	−0.58802797	+0.72065932
a	0.0759319	Ω	150.96758	−0.63222997	−0.69271858
e	0.3592355	i	49.17794	+0.50448822	−0.02812674
P	452.00 d	H	13.2	G	0.15

From 33 observations 2000 Sept. 23–2001 Sept. 19, mean residual $0''.40$.

S/2000 S 8

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	76.91155		(2000.0)	**P**	**Q**
n	0.50103889	ω	207.64737	+0.14527958	+0.85351278
a	0.1034235	Ω	285.50739	+0.97626698	−0.04155986
e	0.2117209	i	148.71370	+0.16061331	−0.51941190
P	718.51 d	H	14.2	G	0.15

From 20 observations 2000 Sept. 23–2001 Sept. 20, mean residual $0''.29$.

S/2000 S 9

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	352.52507		(2000.0)	**P**	**Q**
n	0.38593448	ω	299.99185	−0.75174332	+0.63596805
a	0.1230811	Ω	79.91956	+0.64946869	+0.66812939
e	0.2123419	i	169.79520	+0.11433456	+0.38619653
P	932.80 d	H	14.5	G	0.15

From 20 observations 2000 Sept. 23–2001 Sept. 19, mean residual $0''.30$.

S/2000 S 10

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	210.08040		(2000.0)	**P**	**Q**
n	0.40576657	ω	290.50996	+0.25496039	−0.88998984
a	0.1190372	Ω	138.09421	+0.95282042	+0.29783277
e	0.6093181	i	34.47206	−0.16470714	+0.34527339
P	887.21 d	H	13.6	G	0.15

From 25 observations 2000 Sept. 23–2001 Sept. 19, mean residual $0''.29$.

S/2000 S 11

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	327.01603		(2000.0)	**P**	**Q**
n	0.45678422	ω	59.56192	−0.81360891	−0.09590439
a	0.1100001	Ω	109.23802	+0.02349051	−0.99091872
e	0.4562334	i	37.39920	+0.58093780	−0.09424671
P	788.12 d	H	11.4	G	0.15

From 31 observations 2000 Nov. 9–2001 Oct. 23, mean residual $0''.48$.

S/2000 S 12

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5 Marsden

M	178.85338		(2000.0)	**P**	**Q**
n	0.36284556	ω	73.01438	−0.99601791	+0.00244640
a	0.1282485	Ω	252.94389	−0.03545512	+0.90630659
e	0.1445464	i	174.65113	+0.08180016	+0.42261374
P	992.16 d	H	14.3	G	0.15

From 19 observations 2000 Sept. 23–2001 Sept. 19, mean residual $0''.30$.

NEW NAMES OF MINOR PLANETS

(6661) Ikemura = 1993 BO

Discovered 1993 Jan. 17 by Y. Mizuno and T. Furuta at Kani.

Toshihiro Ikemura (b. 1952) is a Japanese communications technician and amateur astronomer. He was a codiscoverer of comet 76P/West-Kohoutek-Ikemura on 1975 Mar. 1. He has also endeavored to observe the planets photographically and independently made a map of Mars that is used by many observers.

(7187) Isobe = 1992 BW

Discovered 1992 Jan. 30 by E. F. Helin at Palomar.

Syuzo Isobe (b. 1942), of the National Astronomical Observatory, has been instrumental in establishing the Bisei Spaceguard Center, an observatory designed for the observation of near-earth objects and earth-orbiting space debris. He is also president of the Japan Spaceguard Association.

(8327) Weihenmayer = 1981 JE$_3$

Discovered 1981 May 6 by C. S. and E. M. Shoemaker at Palomar.

Erik Weihenmayer (b. 1968), sightless since age 13, holds the unique distinction of being the first blind mountain climber to conquer Mt. Everest. His sense of adventure, courage, fortitude and perseverance have also led him to the summits of Denali, Kilimanjaro and Aconcagua.

(8914) Nickjames = 1995 YP$_2$

Discovered 1995 Dec. 25 by B. G. W. Manning at Stakenbridge.

Nick James (b. 1962), is a leading CCD imager and photometrist who has produced large numbers of precision light curves of cataclysmic variables and images of unusual variables stars and comets. He is currently papers secretary of the British Astronomical Association and assistant editor of *The Astronomer*.

(10478) Alsabti = 1981 WO

Discovered 1981 Nov. 24 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Abdul Athem Alsabti (b. 1945) introduced astronomy teaching into Iraq in 1970, was project leader in building the National Astronomical Observatory, founded the Iraq Astronomical Society and continues with astronomical projects both for the Arab-speaking world and in the U.K. The citation was written by D. McNally.

(12373) Lancearmstrong = 1994 JE$_9$

Discovered 1994 May 15 by C. P. de Saint-Aignan at Palomar.

Lance Armstrong (b. 1971) is an American cyclist and cancer survivor. After being diagnosed with advanced testicular cancer in 1996, he was able to return to cycling and is currently the three-time defending champion of the Tour de France. He serves as an inspiration to cancer survivors and athletes around the world.

(12439) Okasaki = 1996 CA$_3$

Discovered 1996 Feb. 15 by T. Okuni at Nanyo.

During the past three decades amateur astronomer Kiyomi Okasaki (b. 1950) has discovered two comets and three supernovae at his observatory in Kahoku, Yamagata prefecture.

(12799) von Suttner = 1995 WF$_6$

Discovered 1995 Nov. 26 at Kleť.

Bertha Félicie Sophie, Freifrau von Suttner, née countess Kinsky (1843–1914), was an Austrian novelist and one of the first notable woman pacifists. She is credited with influencing Alfred Nobel in the establishment of the Nobel Prize for Peace, of which she was the recipient in 1905.

(13025) Zürich = 1989 BA

Discovered 1989 Jan. 28 by P. Wild at Zimmerwald.

Capital of the canton and located at the northwestern end of the lake of the same name, Zürich is the largest city of Switzerland. The city was founded by the Romans in the first century B.C. on the right bank of the Limmat river, which issues from the lake.

(17670) Liddell = 1996 XQ$_{19}$

Discovered 1996 Dec. 8 by T. Urata at the Nihondaira Observatory.

Alice Pleasance Liddell (1852–1934) was the young girl, then aged 10, for whom Lewis Carroll wrote *Alice's adventures in Wonderland*. The name was suggested by J. Meeus.

(18024) Dobson = 1999 KK$_4$

Discovered 1999 May 20 by J. M. Roe at Oaxaca.

John Dobson (b. 1915) is one of the most important popularizers of astronomy of the twentieth century. His telescope design has spread around the world and enabled amateur astronomers to use larger apertures than before. He demonstrates a passion for sharing his knowledge of the universe with the public at large.

(21903) Wallace = 1999 VE$_{12}$

Discovered 1999 Nov. 10 by C. W. Juels at Fountain Hills.

Patrick T. Wallace (b. 1946) is a specialist in telescope control software. From 1973 to 1980 he was on the staff of the Anglo-Australian Observatory. During 1982–2000 he directed the Starlink astronomical computing service in the U.K., and he is currently head of H.M. Nautical Almanac Office.

(23457) Beiderbecke = 1989 GV$_6$

Discovered 1989 Apr. 5 by M. Geffert at the European Southern Observatory.

U.S. jazz cornetist Leon Bismarck ("Bix") Beiderbecke (1903–1931), arguably the most original white trumpeter in jazz history, was also a noted composer, his piano piece *In a Mist* having been inspired by French Impressionist composers.

(24680) Alleven = 1989 YE$_4$

Discovered 1989 Dec. 30 by R. H. McNaught at Siding Spring.

The number of this minor planet consists of the even digits in order. The name was suggested by J. Meeus.

(24838) Abilunon = 1995 UJ$_2$

Discovered 1995 Oct. 23 by M. Tichý at Kleť.

Abilunon is the presumed name of an ancient Celtic town, founded in the first century B.C. on a strategic peninsula in the Vltava river. The remains of the town are at the foot of Kleť mountain. The name was mentioned on a map of the world by Ptolemy.

(25624) Kronecker = 2000 AK$_{48}$

Discovered 2000 Jan. 6 by P. G. Comba at Prescott.

Leopold Kronecker (1823–1891) was a German mathematician who published widely in a variety of fields. His researches in algebra and his program to "arithmetize" algebra and analysis had a considerable influence on early twentieth-century mathematics.

(25893) Sugihara = 2000 WR$_9$

Discovered 2000 Nov. 19 by W. K. Y. Yeung at Desert Beaver Observatory.

Chiune Sugihara (1900–1986) was a Japanese consul-general stationed in Kaunas, Lithuania, during World War II. Putting his career and financial security at risk, in Aug. 1940 he defied his government's order and issued transit visas that allowed 6000 Jews to seek safety in Japan and the former Soviet Union.

(25930) Spielberg = 2001 DJ_{54}

Discovered 2001 Feb. 21 by W. K. Y. Yeung at Desert Beaver Observatory.

Steven Spielberg (b. 1946), regarded by many as one of the best movie directors in recent history, is a five-time winner of the Academy Best Director Award with *Close Encounters of the Third Kind* (1978), *Raiders of the Lost Ark* (1982), *E.T., the Extra-Terrestrial* (1983), *Schindler's List* (1994) and *Saving Private Ryan* (1999).

(26357) Laguerre = 1998 YK_{10}

Discovered 1998 Dec. 27 by P. G. Comba at Prescott.

French mathematician Edmond Nicolas Laguerre (1834–1886) published extensively in geometry and mathematical analysis. The class of polynomials that now bears his name has found application in many fields of mathematical physics, including the solution of Schrödinger's equation.

(26908) Lebesgue = 1996 GK

Discovered 1996 Apr. 11 by P. G. Comba at Prescott.

Henri-Léon Lebesgue (1875–1941), professor at the Collège de France, is considered one of the greatest mathematicians of his generation. His generalization of the Riemann integral revolutionized the field of integration and has played a fundamental role in modern analysis.

(26950) Legendre = 1997 JH_{10}

Discovered 1997 May 11 by P. G. Comba at Prescott.

Adrien-Marie Legendre (1752–1833) was a French mathematician who published important treatises on elliptic integrals, for which he provided a classification, and on number theory, where he first stated the law of quadratic reciprocity and gave a formula for the distribution of prime numbers.

(26955) Lie = 1997 MR_1

Discovered 1997 June 30 by P. G. Comba at Prescott.

Marius Sophus Lie (1842–1899) was a Norwegian mathematician who formulated the theory of finite continuous groups of transformations, now called Lie groups. This theory and its generalizations have had a major impact on the development of twentieth-century algebra, as well as in celestial mechanics.

(26960) Liouville = 1997 NE_3

Discovered 1997 July 8 by P. G. Comba at Prescott.

Joseph Liouville (1809–1882) was a French analyst and geometer and the first to prove the existence of transcendental numbers. Author of more than 400 papers, he was the founder and, for 39 years, the editor of the *Journal de mathématiques pures et appliqées*.

(27500) Mandelbrot = 2000 GW_{132}

Discovered 2000 Apr. 12 by P. G. Comba at Prescott.

Benoit Mandelbrot (b. 1924) is a French-American mathematician. He has studied geometric and physical structures, to which he gave the name *fractals*, that are self-similar at different scales. Fractal concepts have found application to many disciplines, from cardiology to the analysis of stock-market prices.

(27514) Markov = 2000 HM_3

Discovered 2000 Apr. 26 by P. G. Comba at Prescott.

Andrei Andreevich Markov (1856–1922), a professor at St. Petersburg University, introduced the study of "Markov processes" in probability theory. These are discrete-time systems where the state at a given instant depends only on the state at the immediately preceding instant, and not on other past history.

(27758) Michelson = 1991 RJ_4

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

German-American physicist Albert Abraham Michelson (1852–1931), 1907 Nobel Physics Laureate, refuted the supposition of the ether and made an accurate determination of the speed of light. He also measured interferometrically the absolute diameters of several stars and resolved the structure of their spectral lines.

EPHEMERIDES

C/2001 S1 (Skiff) Elements *MPC* 43759

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 28	01 09.10	−32 49.8	3.222	3.955	131.9	10.8	17.5	
2001 11 07	00 47.73	−32 29.0	3.351	3.983	123.3	12.0	17.6	
2001 11 17	00 29.49	−31 39.1	3.513	4.012	113.5	13.1	17.8	
2001 11 27	00 14.77	−30 29.0	3.700	4.043	103.3	13.7	17.9	
2001 12 07	00 03.46	−29 06.7	3.903	4.075	93.0	14.0	18.1	
2001 12 17	23 55.22	−27 38.4	4.113	4.108	82.8	13.7	18.2	
2001 12 27	23 49.62	−26 08.4	4.324	4.143	72.9	13.1	18.4	
2002 01 06	23 46.18	−24 39.3	4.528	4.179	63.2	12.1	18.5	
2002 01 16	23 44.49	−23 12.8	4.721	4.216	53.9	10.9	18.6	
2002 01 26	23 44.16	−21 49.8	4.897	4.255	44.8	9.4	18.7	
2002 02 05	23 44.88	−20 31.0	5.052	4.295	36.1	7.8	18.8	

C/2001 T4 (NEAT) Elements *MPC* 43760

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 28	01 17.54	−05 29.5	7.672	8.598	157.4	2.5	19.3	
2001 11 07	01 14.76	−05 33.4	7.737	8.595	148.2	3.5	19.3	
2001 11 17	01 12.37	−05 32.4	7.828	8.592	138.3	4.4	19.3	
2001 11 27	01 10.51	−05 26.2	7.942	8.590	128.3	5.2	19.3	
2001 12 07	01 09.28	−05 14.7	8.075	8.587	118.3	5.8	19.4	
2001 12 17	01 08.74	−04 58.2	8.222	8.584	108.4	6.2	19.4	
2001 12 27	01 08.94	−04 37.0	8.379	8.582	98.7	6.5	19.5	
2002 01 06	01 09.86	−04 11.5	8.540	8.580	89.0	6.6	19.5	
2002 01 16	01 11.49	−03 42.4	8.701	8.578	79.6	6.5	19.5	
2002 01 26	01 13.78	−03 10.2	8.858	8.576	70.3	6.2	19.6	
2002 02 05	01 16.69	−02 35.5	9.006	8.574	61.2	5.8	19.6	
2002 02 15	01 20.14	−01 58.9	9.141	8.573	52.3	5.2	19.6	
2002 02 25	01 24.06	−01 21.1	9.261	8.571	43.6	4.6	19.7	
2002 03 07	01 28.39	−00 42.6	9.363	8.570	35.0	3.8	19.7	

P/2001 T3 (NEAT) Elements *MPC* 43760

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 28	01 34.70	−07 38.1	1.689	2.635	157.6	8.3	17.3	
2001 11 07	01 27.51	−06 37.7	1.707	2.610	149.6	11.1	17.3	
2001 11 17	01 21.83	−05 17.7	1.749	2.588	140.3	14.1	17.3	
2001 11 27	01 18.32	−03 40.7	1.811	2.568	130.9	16.9	17.4	
2001 12 07	01 17.30	−01 50.0	1.891	2.551	121.7	19.2	17.5	
2001 12 17	01 18.84	+00 10.8	1.985	2.536	113.0	20.9	17.5	
2001 12 27	01 22.87	+02 18.9	2.090	2.525	104.7	22.1	17.6	
2002 01 06	01 29.17	+04 31.6	2.202	2.516	96.8	22.8	17.7	
2002 01 16	01 37.50	+06 46.9	2.319	2.509	89.4	23.1	17.8	
2002 01 26	01 47.64	+09 03.1	2.439	2.506	82.4	22.9	17.9	

2002 02 05	01 59.37	+11 18.6	2.559	2.506	75.7	22.4	18.0		
2002 02 15	02 12.50	+13 32.2	2.679	2.508	69.4	21.6	18.1		
2002 02 25	02 26.88	+15 42.6	2.798	2.514	63.3	20.6	18.2		
2002 03 07	02 42.35	+17 48.7	2.913	2.522	57.5	19.4	18.3		
2002 03 17	02 58.81	+19 49.4	3.024	2.533	51.8	18.0	18.4		
2002 03 27	03 16.16	+21 43.7	3.131	2.547	46.4	16.5	18.5		
2002 04 06	03 34.29	+23 30.5	3.232	2.563	41.1	14.9	18.6		
2002 04 16	03 53.13	+25 09.1	3.327	2.582	35.9	13.2	18.7		
2002 04 26	04 12.57	+26 38.7	3.415	2.604	30.9	11.5	18.8		

C/2001 RX_{14} (LINEAR) Elements *MPC* 43759

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 28	01 35.55	+23 08.5	4.189	5.163	167.1	2.5	16.7	
2001 11 07	01 28.59	+22 56.3	4.137	5.080	160.0	3.8	16.6	
2001 11 17	01 22.11	+22 40.5	4.115	4.996	150.1	5.7	16.6	
2001 11 27	01 16.53	+22 23.5	4.120	4.913	139.5	7.5	16.5	
2001 12 07	01 12.18	+22 07.9	4.149	4.829	128.9	9.1	16.4	
2001 12 17	01 09.27	+21 56.2	4.197	4.745	118.4	10.5	16.4	
2001 12 27	01 07.92	+21 50.5	4.258	4.661	108.3	11.6	16.3	
2002 01 06	01 08.17	+21 52.2	4.328	4.577	98.4	12.3	16.3	
2002 01 16	01 09.98	+22 02.0	4.401	4.492	89.0	12.6	16.2	
2002 01 26	01 13.28	+22 20.6	4.472	4.408	79.9	12.7	16.2	
2002 02 05	01 17.95	+22 47.9	4.538	4.323	71.2	12.5	16.1	
2002 02 15	01 23.91	+23 23.4	4.596	4.238	62.9	12.0	16.1	
2002 02 25	01 31.06	+24 07.0	4.641	4.154	55.0	11.3	16.0	
2002 03 07	01 39.28	+24 57.7	4.673	4.069	47.5	10.4	15.9	
2002 03 17	01 48.52	+25 55.2	4.690	3.984	40.3	9.3	15.9	
2002 03 27	01 58.70	+26 58.6	4.690	3.899	33.7	8.2	15.8	

C/2001 G1 (LONEOS) Elements *MPC* 42856

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 11 17	12 50.94	−15 37.1	9.006	8.247	37.9	4.2	17.4	
2001 11 27	12 55.99	−15 50.8	8.899	8.250	46.4	5.0	17.4	
2001 12 07	13 00.60	−16 02.4	8.774	8.252	55.3	5.6	17.4	
2001 12 17	13 04.70	−16 11.2	8.635	8.255	64.3	6.2	17.3	
2001 12 27	13 08.21	−16 16.4	8.484	8.259	73.5	6.6	17.3	
2002 01 06	13 11.07	−16 17.5	8.326	8.263	82.9	6.8	17.3	
2002 01 16	13 13.22	−16 13.9	8.164	8.267	92.6	6.8	17.2	
2002 01 26	13 14.62	−16 05.0	8.004	8.272	102.4	6.7	17.2	
2002 02 05	13 15.25	−15 50.4	7.851	8.277	112.4	6.3	17.2	
2002 02 15	13 15.11	−15 30.0	7.708	8.283	122.6	5.8	17.1	
2002 02 25	13 14.27	−15 03.6	7.583	8.289	133.0	5.0	17.1	
2002 03 07	13 12.79	−14 31.5	7.477	8.296	143.4	4.1	17.1	
2002 03 17	13 10.79	−13 54.3	7.397	8.303	154.0	3.0	17.0	
2002 03 27	13 08.42	−13 12.9	7.345	8.310	164.3	1.9	17.0	
2002 04 06	13 05.85	−12 28.5	7.323	8.318	173.6	0.8	17.0	
2002 04 16	13 03.27	−11 42.4	7.331	8.326	171.8	1.0	17.0	
2002 04 26	13 00.84	−10 56.1	7.371	8.335	162.2	2.1	17.0	
2002 05 06	12 58.74	−10 11.1	7.440	8.344	152.0	3.3	17.1	
2002 05 16	12 57.09	−09 28.8	7.536	8.353	141.8	4.3	17.1	
2002 05 26	12 56.02	−08 50.2	7.655	8.363	131.7	5.2	17.1	
2002 06 05	12 55.57	−08 16.2	7.794	8.373	121.8	5.9	17.2	
2002 06 15	12 55.80	−07 47.3	7.948	8.384	112.1	6.4	17.2	
2002 06 25	12 56.73	−07 23.7	8.114	8.395	102.7	6.8	17.3	
2002 07 05	12 58.33	−07 05.5	8.285	8.406	93.4	6.9	17.3	
2002 07 15	13 00.58	−06 52.4	8.459	8.418	84.3	6.9	17.4	
2002 07 25	13 03.44	−06 44.2	8.631	8.431	75.3	6.7	17.4	
2002 08 04	13 06.86	−06 40.3	8.796	8.443	66.5	6.3	17.5	
2002 08 14	13 10.78	−06 40.3	8.952	8.456	57.8	5.8	17.5	
2002 08 24	13 15.15	−06 43.5	9.095	8.470	49.2	5.2	17.6	
2002 09 03	13 19.90	−06 49.4	9.223	8.484	40.7	4.5	17.6	
2002 09 13	13 24.97	−06 57.5	9.332	8.498	32.3	3.6	17.6	

C/1999 T2 (LINEAR) Elements *MPC* 41525

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 11 17	13 31.75	−05 21.5	5.360	4.549	31.7	6.6	16.2	
2001 11 27	13 34.42	−06 31.8	5.319	4.615	40.6	8.0	16.3	
2001 12 07	13 36.37	−07 38.1	5.256	4.682	49.8	9.3	16.3	
2001 12 17	13 37.43	−08 40.2	5.174	4.748	59.4	10.3	16.3	
2001 12 27	13 37.44	−09 37.9	5.077	4.816	69.2	11.0	16.4	
2002 01 06	13 36.21	−10 30.8	4.969	4.883	79.3	11.4	16.4	
2002 01 16	13 33.59	−11 18.5	4.855	4.951	89.8	11.5	16.4	
2002 01 26	13 29.43	−12 00.2	4.743	5.019	100.7	11.1	16.4	
2002 02 05	13 23.66	−12 35.3	4.637	5.088	111.9	10.4	16.4	
2002 02 15	13 16.29	−13 03.0	4.546	5.157	123.4	9.2	16.4	
2002 02 25	13 07.44	−13 22.5	4.476	5.225	135.2	7.7	16.4	
2002 03 07	12 57.36	−13 33.4	4.434	5.295	147.1	5.8	16.5	
2002 03 17	12 46.42	−13 35.8	4.424	5.364	158.7	3.9	16.5	
2002 03 27	12 35.13	−13 30.5	4.452	5.433	168.5	2.1	16.6	
2002 04 06	12 24.00	−13 19.3	4.517	5.503	168.9	2.0	16.7	
2002 04 16	12 13.51	−13 04.1	4.620	5.572	159.6	3.6	16.8	
2002 04 26	12 04.09	−12 47.5	4.758	5.642	148.6	5.3	16.9	
2002 05 06	11 55.98	−12 31.8	4.927	5.711	137.5	6.9	17.0	
2002 05 16	11 49.34	−12 18.8	5.121	5.781	126.6	8.1	17.2	
2002 05 26	11 44.20	−12 10.2	5.335	5.851	116.0	8.9	17.3	
2002 06 05	11 40.50	−12 06.8	5.563	5.921	105.8	9.5	17.5	
2002 06 15	11 38.13	−12 09.1	5.798	5.991	96.0	9.7	17.6	
2002 06 25	11 36.98	−12 17.5	6.037	6.061	86.5	9.6	17.7	
2002 07 05	11 36.86	−12 31.7	6.272	6.131	77.4	9.3	17.9	
2002 07 15	11 37.65	−12 51.7	6.501	6.200	68.5	8.8	18.0	
2002 07 25	11 39.20	−13 17.0	6.719	6.270	59.8	8.0	18.1	
2002 08 04	11 41.36	−13 47.3	6.923	6.340	51.4	7.2	18.2	
2002 08 14	11 44.02	−14 22.2	7.110	6.410	43.3	6.2	18.3	
2002 08 24	11 47.04	−15 01.3	7.277	6.480	35.5	5.2	18.4	

C/1999 N4 (LINEAR) Elements *MPC* 42547

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 11 17	13 56.20	+01 34.6	7.583	6.752	30.7	4.3	18.7	
2001 11 27	13 57.91	+01 23.4	7.524	6.793	39.6	5.3	18.7	
2001 12 07	13 59.16	+01 17.2	7.441	6.834	48.9	6.2	18.7	
2001 12 17	13 59.85	+01 16.5	7.337	6.875	58.5	7.0	18.7	
2001 12 27	13 59.83	+01 21.7	7.217	6.917	68.5	7.6	18.7	
2002 01 06	13 58.98	+01 33.1	7.085	6.959	78.6	8.0	18.7	
2002 01 16	13 57.20	+01 50.8	6.947	7.001	89.1	8.1	18.7	
2002 01 26	13 54.39	+02 14.7	6.809	7.044	99.8	7.9	18.6	
2002 02 05	13 50.49	+02 44.4	6.678	7.087	110.8	7.5	18.6	
2002 02 15	13 45.49	+03 19.4	6.559	7.131	121.9	6.8	18.6	
2002 02 25	13 39.42	+03 58.4	6.461	7.175	133.1	5.8	18.6	

2002 03 07	13 32.41	+04 40.2	6.389	7.219	144.3	4.6	18.6	
2002 03 17	13 24.62	+05 22.9	6.348	7.263	155.1	3.3	18.6	
2002 03 27	13 16.31	+06 04.5	6.343	7.308	164.1	2.1	18.6	
2002 04 06	13 07.76	+06 43.2	6.375	7.353	166.8	1.8	18.7	
2002 04 16	12 59.28	+07 17.2	6.444	7.398	160.5	2.6	18.7	
2002 04 26	12 51.18	+07 45.1	6.550	7.443	150.7	3.8	18.8	
2002 05 06	12 43.69	+08 06.3	6.688	7.489	140.0	5.0	18.9	
2002 05 16	12 37.02	+08 20.4	6.854	7.535	129.3	6.0	19.0	
2002 05 26	12 31.31	+08 27.5	7.043	7.581	118.7	6.7	19.0	
2002 06 05	12 26.59	+08 28.0	7.249	7.628	108.2	7.3	19.1	
2002 06 15	12 22.90	+08 22.6	7.466	7.674	98.1	7.5	19.2	
2002 06 25	12 20.19	+08 12.0	7.688	7.721	88.1	7.6	19.3	
2002 07 05	12 18.40	+07 57.1	7.909	7.768	78.4	7.4	19.4	
2002 07 15	12 17.45	+07 38.6	8.124	7.816	68.9	7.0	19.5	
2002 07 25	12 17.24	+07 17.2	8.329	7.863	59.5	6.4	19.6	
2002 08 04	12 17.67	+06 53.7	8.520	7.911	50.3	5.7	19.6	
2002 08 14	12 18.65	+06 28.5	8.692	7.959	41.3	4.8	19.7	
2002 08 24	12 20.06	+06 02.5	8.843	8.007	32.3	3.9	19.8	

17P/Holmes Elements *MPC* 29881

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 11 27	09 06.45	+28 33.7	3.496	3.996	113.6	13.1	21.7	22.5
2001 12 07	09 04.77	+28 45.5	3.395	4.029	123.9	11.7	21.7	22.4
2001 12 17	09 01.04	+29 01.9	3.310	4.062	134.6	9.9	21.7	22.3
2001 12 27	08 55.38	+29 20.5	3.245	4.094	145.5	7.8	21.7	22.2
2002 01 06	08 48.12	+29 38.1	3.206	4.126	156.3	5.5	21.8	22.1
2002 01 16	08 39.71	+29 51.7	3.196	4.157	165.8	3.3	21.8	21.9
2002 01 26	08 30.81	+29 58.5	3.218	4.188	168.8	2.6	21.9	21.9
2002 02 05	08 22.13	+29 56.9	3.271	4.219	161.7	4.2	22.0	22.1
2002 02 15	08 14.32	+29 46.5	3.355	4.249	151.5	6.4	22.1	22.3
2002 02 25	08 07.92	+29 27.9	3.466	4.278	140.8	8.4	22.2	22.4

147P/Kushida-Muramatsu Elements *MPC* 41527

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 11 27	10 08.40	+13 06.7	2.715	2.974	95.4	19.3	20.9	22.5
2001 12 07	10 14.00	+12 45.9	2.597	2.994	104.1	18.6	20.8	22.4
2001 12 17	10 17.60	+12 36.6	2.485	3.014	113.4	17.4	20.8	22.3
2001 12 27	10 19.01	+12 39.8	2.382	3.034	123.2	15.7	20.7	22.2
2002 01 06	10 18.17	+12 55.7	2.292	3.056	133.7	13.5	20.7	22.0
2002 01 16	10 15.13	+13 23.4	2.221	3.077	144.7	10.6	20.6	21.8
2002 01 26	10 10.13	+14 00.6	2.173	3.099	156.2	7.4	20.6	21.7
2002 02 05	10 03.68	+14 43.3	2.151	3.122	167.9	3.8	20.6	21.5
2002 02 15	09 56.46	+15 27.0	2.157	3.144	177.3	0.9	20.6	21.3
2002 02 25	09 49.29	+16 06.8	2.194	3.168	167.6	3.9	20.7	21.6
2002 03 07	09 42.97	+16 39.0	2.259	3.191	156.1	7.2	20.8	21.8
2002 03 17	09 38.12	+17 01.1	2.349	3.215	144.9	10.2	20.9	22.0
2002 03 27	09 35.15	+17 12.0	2.462	3.239	134.3	12.7	21.1	22.3
2002 04 06	09 34.24	+17 11.9	2.593	3.263	124.3	14.7	21.2	22.5

136P/Mueller 3 Elements *MPC* 36654

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	10 19.83	+11 07.0	4.637	4.939	102.2	11.2	21.3	22.5
2001 12 17	10 20.58	+11 13.4	4.499	4.955	112.2	10.6	21.2	22.4
2001 12 27	10 19.97	+11 28.0	4.372	4.971	122.6	9.6	21.2	22.3
2002 01 06	10 18.01	+11 50.5	4.260	4.987	133.4	8.2	21.1	22.2
2002 01 16	10 14.79	+12 20.3	4.169	5.003	144.5	6.6	21.1	22.1
2002 01 26	10 10.47	+12 55.8	4.103	5.018	155.8	4.6	21.1	22.0
2002 02 05	10 05.34	+13 35.0	4.066	5.033	167.3	2.5	21.1	21.8
2002 02 15	09 59.75	+14 15.4	4.060	5.047	177.9	0.4	21.1	21.6
2002 02 25	09 54.10	+14 54.5	4.086	5.062	169.2	2.1	21.1	21.8
2002 03 07	09 48.82	+15 29.9	4.143	5.076	157.8	4.2	21.1	22.0
2002 03 17	09 44.25	+16 00.0	4.229	5.090	146.7	6.2	21.2	22.1
2002 03 27	09 40.71	+16 23.4	4.340	5.103	135.8	7.8	21.3	22.3
2002 04 06	09 38.36	+16 39.6	4.472	5.116	125.4	9.2	21.3	22.4
2002 04 16	09 37.30	+16 48.5	4.620	5.129	115.3	10.2	21.4	22.5

115P/Maury Elements *MPC* 34424

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	13 36.86	−07 04.0	4.091	3.539	50.0	12.3	21.8	22.5
2001 12 17	13 47.91	−07 46.5	3.921	3.489	57.3	13.7	21.6	22.5
2001 12 27	13 58.60	−08 22.8	3.741	3.439	64.8	15.0	21.4	22.4
2002 01 06	14 08.80	−08 52.2	3.554	3.389	72.4	16.1	21.2	22.3
2002 01 16	14 18.34	−09 13.4	3.361	3.339	80.3	16.9	21.0	22.1
2002 01 26	14 27.04	−09 25.5	3.167	3.289	88.3	17.4	20.8	22.0
2002 02 05	14 34.69	−09 27.4	2.973	3.238	96.6	17.6	20.5	21.8
2002 02 15	14 41.07	−09 18.0	2.782	3.187	105.2	17.4	20.3	21.7
2002 02 25	14 45.92	−08 56.5	2.598	3.136	114.2	16.7	20.0	21.4
2002 03 07	14 49.02	−08 22.4	2.425	3.086	123.5	15.6	19.8	21.2
2002 03 17	14 50.14	−07 35.3	2.266	3.035	133.2	13.8	19.5	21.0
2002 03 27	14 49.17	−06 36.0	2.124	2.984	143.2	11.5	19.3	20.7
2002 04 06	14 46.13	−05 26.6	2.005	2.933	153.3	8.8	19.0	20.4
2002 04 16	14 41.22	−04 10.5	1.909	2.883	162.8	5.9	18.8	20.2
2002 04 26	14 34.92	−02 52.9	1.840	2.833	168.2	4.2	18.6	20.0
2002 05 06	14 27.92	−01 40.1	1.799	2.783	164.2	5.7	18.4	20.0
2002 05 16	14 21.05	−00 38.4	1.784	2.734	155.0	9.0	18.3	20.0
2002 05 26	14 15.15	+00 06.8	1.793	2.685	144.8	12.6	18.2	20.2
2002 06 05	14 10.91	+00 32.7	1.823	2.637	134.7	15.9	18.1	20.3
2002 06 15	14 08.81	+00 38.1	1.869	2.589	125.0	18.7	18.1	20.4
2002 06 25	14 09.12	+00 23.8	1.928	2.543	116.0	21.1	18.0	20.5
2002 07 05	14 11.87	−00 07.9	1.995	2.497	107.6	22.8	18.0	20.6
2002 07 15	14 17.01	−00 54.6	2.067	2.453	99.8	24.1	17.9	20.7
2002 07 25	14 24.41	−01 53.7	2.142	2.410	92.5	24.9	17.9	20.7
2002 08 04	14 33.89	−03 02.4	2.217	2.368	85.7	25.3	17.8	20.8
2002 08 14	14 45.30	−04 18.3	2.291	2.328	79.4	25.3	17.8	20.8
2002 08 24	14 58.48	−05 39.0	2.362	2.290	73.5	25.0	17.8	20.8
2002 09 03	15 13.30	−07 02.1	2.430	2.254	67.9	24.5	17.7	20.8
2002 09 13	15 29.66	−08 25.6	2.495	2.220	62.7	23.7	17.7	20.8
2002 09 23	15 47.43	−09 47.2	2.555	2.189	57.6	22.8	17.6	20.8
2002 10 03	16 06.53	−11 04.7	2.612	2.160	52.8	21.7	17.6	20.8
2002 10 13	16 26.87	−12 16.0	2.665	2.134	48.2	20.4	17.6	20.8
2002 10 23	16 48.34	−13 19.2	2.714	2.111	43.7	19.0	17.5	20.8
2002 11 02	17 10.81	−14 12.2	2.760	2.090	39.4	17.5	17.5	20.7
2002 11 12	17 34.16	−14 53.4	2.803	2.074	35.2	16.0	17.5	20.7
2002 11 22	17 58.23	−15 21.3	2.842	2.060	31.1	14.3	17.5	20.6

28P/Neujmin 1 Elements *MPC* 34424

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	14 36.04	−24 57.1	4.956	4.150	31.7	7.2		19.1
2001 12 17	14 46.66	−26 00.6	4.795	4.078	39.0	8.7		19.0
2001 12 27	14 57.20	−27 04.2	4.619	4.004	46.4	10.2		19.0
2002 01 06	15 07.58	−28 08.0	4.429	3.930	53.9	11.7		18.9
2002 01 16	15 17.65	−29 11.8	4.227	3.856	61.5	13.0		18.8
2002 01 26	15 27.27	−30 15.6	4.017	3.781	69.2	14.1		18.7
2002 02 05	15 36.26	−31 19.4	3.800	3.705	77.0	15.0		18.6
2002 02 15	15 44.43	−32 23.4	3.579	3.629	85.0	15.7		18.4
2002 02 25	15 51.52	−33 27.6	3.357	3.553	93.2	16.2		18.3
2002 03 07	15 57.28	−34 32.2	3.139	3.475	101.5	16.2		18.1
2002 03 17	16 01.38	−35 36.7	2.925	3.398	110.1	16.0		17.9
2002 03 27	16 03.50	−36 40.5	2.721	3.319	118.8	15.3		17.6
2002 04 06	16 03.32	−37 42.2	2.530	3.241	127.8	14.1		17.4
2002 04 16	16 00.54	−38 39.5	2.355	3.162	136.8	12.6		17.1
2002 04 26	15 55.04	−39 28.6	2.199	3.082	145.6	10.6		16.8
2002 05 06	15 46.93	−40 05.3	2.066	3.002	153.4	8.6		16.6
2002 05 16	15 36.69	−40 24.8	1.958	2.922	158.5	7.3		16.3
2002 05 26	15 25.25	−40 23.7	1.876	2.842	158.4	7.5		16.2
2002 06 05	15 13.84	−40 01.7	1.819	2.762	153.0	9.6		16.1
2002 06 15	15 03.75	−39 21.6	1.787	2.681	144.7	12.6		16.1
2002 06 25	14 56.13	−38 29.7	1.777	2.601	135.5	15.9	16.0	16.2
2002 07 05	14 51.72	−37 33.4	1.783	2.521	126.2	19.0	15.8	16.2
2002 07 15	14 50.89	−36 39.2	1.803	2.442	117.2	21.7	15.6	16.3
2002 07 25	14 53.71	−35 52.4	1.832	2.363	108.7	24.0	15.4	16.3
2002 08 04	15 00.06	−35 15.3	1.866	2.285	100.8	25.9	15.2	16.3
2002 08 14	15 09.76	−34 48.4	1.902	2.208	93.4	27.3	15.1	16.3
2002 08 24	15 22.63	−34 30.8	1.937	2.133	86.7	28.2	14.9	16.3
2002 09 03	15 38.45	−34 20.0	1.971	2.059	80.4	28.9	14.7	16.3
2002 09 13	15 57.08	−34 12.7	2.001	1.988	74.7	29.2	14.5	16.3
2002 09 23	16 18.36	−34 04.9	2.027	1.920	69.4	29.3	14.3	16.2
2002 10 03	16 42.11	−33 52.0	2.050	1.855	64.6	29.2	14.1	16.2
2002 10 13	17 08.15	−33 29.5	2.069	1.795	60.1	28.8	13.9	16.1
2002 10 23	17 36.19	−32 52.3	2.086	1.739	56.1	28.3	13.7	16.0
2002 11 02	18 05.88	−31 56.0	2.101	1.689	52.4	27.7	13.5	16.0
2002 11 12	18 36.84	−30 36.9	2.116	1.646	49.0	27.0	13.4	15.9
2002 11 22	19 08.58	−28 52.3	2.132	1.610	45.9	26.2	13.2	15.9
2002 12 02	19 40.64	−26 41.2	2.152	1.582	43.1	25.2	13.2	15.8
2002 12 12	20 12.60	−24 04.3	2.176	1.563	40.5	24.1	13.1	15.8
2002 12 22	20 44.07	−21 03.9	2.206	1.553	38.0	22.9	13.1	15.8
2003 01 01	21 14.82	−17 43.7	2.242	1.553	35.7	21.7	13.1	15.8
2003 01 11	21 44.69	−14 08.2	2.287	1.562	33.4	20.3	13.2	15.8
2003 01 21	22 13.61	−10 22.6	2.339	1.581	31.1	18.8	13.3	15.8

C/2001 C1 (LINEAR) Elements *MPC* 42665

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	14 38.02	−37 46.5	5.974	5.174	32.9	5.9	17.0	
2001 12 17	14 45.25	−39 34.0	5.879	5.163	39.9	7.0	17.0	
2001 12 27	14 52.12	−41 25.9	5.769	5.152	47.2	8.1	16.9	
2002 01 06	14 58.47	−43 22.2	5.646	5.142	54.8	9.0	16.9	
2002 01 16	15 04.10	−45 23.1	5.513	5.133	62.5	9.8	16.8	
2002 01 26	15 08.77	−47 28.3	5.374	5.126	70.3	10.4	16.7	
2002 02 05	15 12.19	−49 37.6	5.231	5.120	78.1	10.9	16.7	
2002 02 15	15 14.04	−51 50.1	5.089	5.114	85.9	11.1	16.6	
2002 02 25	15 13.90	−54 04.4	4.952	5.110	93.6	11.1	16.6	
2002 03 07	15 11.38	−56 18.4	4.822	5.107	101.1	11.0	16.5	
2002 03 17	15 05.98	−58 28.9	4.705	5.105	108.3	10.7	16.4	
2002 03 27	14 57.31	−60 31.6	4.604	5.105	114.9	10.2	16.4	
2002 04 06	14 45.15	−62 21.5	4.522	5.105	120.6	9.7	16.4	
2002 04 16	14 29.58	−63 53.0	4.461	5.107	125.2	9.2	16.3	
2002 04 26	14 11.28	−65 01.2	4.424	5.109	128.4	8.9	16.3	
2002 05 06	13 51.48	−65 43.4	4.410	5.113	129.7	8.7	16.3	
2002 05 16	13 31.80	−65 59.6	4.419	5.118	129.2	8.8	16.3	
2002 05 26	13 13.88	−65 53.4	4.451	5.124	127.0	9.1	16.3	
2002 06 05	12 58.91	−65 30.6	4.502	5.131	123.4	9.5	16.4	
2002 06 15	12 47.48	−64 57.9	4.572	5.140	118.9	10.0	16.4	
2002 06 25	12 39.71	−64 21.9	4.656	5.149	113.7	10.4	16.5	
2002 07 05	12 35.36	−63 47.9	4.751	5.160	108.2	10.8	16.5	
2002 07 15	12 34.09	−63 20.0	4.855	5.171	102.5	11.1	16.6	
2002 07 25	12 35.48	−63 00.8	4.964	5.184	96.8	11.2	16.6	
2002 08 04	12 39.19	−62 52.1	5.076	5.198	91.2	11.3	16.7	

74P/Smirnova-Chernykh Elements *MPC* 31662

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	14 43.45	−11 52.7	4.504	3.716	33.0	8.3	16.8	22.2
2001 12 17	14 54.97	−12 46.4	4.424	3.726	40.2	9.8	16.8	22.2
2001 12 27	15 06.05	−13 34.8	4.330	3.736	47.5	11.2	16.8	22.2
2002 01 06	15 16.57	−14 17.7	4.223	3.746	55.0	12.4	16.7	22.2
2002 01 16	15 26.38	−14 55.2	4.105	3.756	62.7	13.5	16.7	22.2
2002 01 26	15 35.32	−15 26.9	3.977	3.767	70.6	14.3	16.6	22.2
2002 02 05	15 43.22	−15 53.1	3.843	3.778	78.8	14.8	16.6	22.1
2002 02 15	15 49.91	−16 13.9	3.705	3.789	87.3	15.1	16.5	22.1
2002 02 25	15 55.19	−16 29.3	3.566	3.800	96.0	15.0	16.5	22.0
2002 03 07	15 58.91	−16 39.8	3.429	3.811	105.1	14.6	16.4	21.9
2002 03 17	16 00.90	−16 45.5	3.299	3.822	114.6	13.7	16.3	21.8
2002 03 27	16 01.06	−16 46.7	3.180	3.834	124.5	12.4	16.3	21.7
2002 04 06	15 59.40	−16 43.9	3.075	3.845	134.7	10.7	16.2	21.5
2002 04 16	15 56.00	−16 37.5	2.989	3.857	145.3	8.5	16.2	21.4
2002 04 26	15 51.10	−16 28.3	2.927	3.869	156.1	6.0	16.1	21.2
2002 05 06	15 45.09	−16 17.3	2.891	3.880	167.1	3.3	16.1	21.1
2002 05 16	15 38.46	−16 05.7	2.883	3.892	176.5	0.9	16.2	20.9
2002 05 26	15 31.80	−15 55.1	2.904	3.905	169.5	2.7	16.2	21.1
2002 06 05	15 25.67	−15 47.1	2.954	3.917	158.7	5.4	16.2	21.3
2002 06 15	15 20.55	−15 43.2	3.030	3.929	148.0	7.9	16.3	21.4
2002 06 25	15 16.79	−15 44.5	3.130	3.941	137.7	10.0	16.4	21.6
2002 07 05	15 14.59	−15 51.6	3.249	3.954	127.7	11.7	16.5	21.8
2002 07 15	15 14.06	−16 04.7	3.385	3.966	118.1	13.1	16.6	21.9
2002 07 25	15 15.18	−16 23.5	3.532	3.979	108.9	14.0	16.7	22.0
2002 08 04	15 17.87	−16 47.4	3.687	3.991	100.1	14.5	16.8	22.2
2002 08 14	15 22.03	−17 15.7	3.846	4.004	91.6	14.7	17.0	22.3
2002 08 24	15 27.53	−17 47.5	4.006	4.016	83.4	14.5	17.1	22.3
2002 09 03	15 34.22	−18 21.8	4.164	4.029	75.4	14.0	17.2	22.4
2002 09 13	15 41.98	−18 57.7	4.317	4.042	67.6	13.3	17.3	22.5
2002 09 23	15 50.69	−19 34.5	4.462	4.054	60.0	12.4	17.4	22.5

C/2000 Y2 (Skiff) Elements *MPC* 43018

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 12 07	14 47.82	−11 01.3	4.592	3.797	32.4	8.0	20.1	
2001 12 17	14 59.68	−11 32.1	4.570	3.862	39.5	9.3	20.2	
2001 12 27	15 10.82	−11 56.0	4.533	3.928	47.0	10.5	20.2	
2002 01 06	15 21.13	−12 12.9	4.483	3.995	54.6	11.6	20.3	
2002 01 16	15 30.49	−12 22.6	4.422	4.062	62.5	12.4	20.3	
2002 01 26	15 38.76	−12 25.1	4.352	4.131	70.6	13.0	20.4	
2002 02 05	15 45.83	−12 20.7	4.274	4.199	79.0	13.3	20.4	
2002 02 15	15 51.56	−12 09.7	4.192	4.269	87.8	13.4	20.4	
2002 02 25	15 55.85	−11 52.4	4.109	4.339	96.8	13.1	20.4	
2002 03 07	15 58.62	−11 29.4	4.030	4.409	106.1	12.5	20.5	
2002 03 17	15 59.83	−11 01.5	3.957	4.479	115.7	11.5	20.5	
2002 03 27	15 59.49	−10 29.8	3.897	4.550	125.6	10.3	20.5	
2002 04 06	15 57.72	−09 55.5	3.853	4.622	135.6	8.7	20.6	
2002 04 16	15 54.68	−09 20.2	3.829	4.693	145.8	6.9	20.6	
2002 04 26	15 50.64	−08 45.5	3.830	4.765	155.6	5.0	20.7	
2002 05 06	15 45.96	−08 13.4	3.858	4.837	164.3	3.2	20.8	
2002 05 16	15 40.99	−07 45.3	3.914	4.909	168.5	2.4	20.9	
2002 05 26	15 36.14	−07 22.9	4.000	4.981	164.0	3.2	21.0	
2002 06 05	15 31.75	−07 07.1	4.113	5.054	155.5	4.8	21.1	
2002 06 15	15 28.11	−06 58.3	4.253	5.126	145.9	6.4	21.2	
2002 06 25	15 25.44	−06 56.7	4.416	5.199	136.3	7.8	21.4	
2002 07 05	15 23.83	−07 01.7	4.600	5.272	126.8	8.9	21.5	
2002 07 15	15 23.36	−07 12.8	4.799	5.344	117.5	9.7	21.7	
2002 07 25	15 24.02	−07 29.0	5.011	5.417	108.4	10.3	21.8	
2002 08 04	15 25.75	−07 49.5	5.231	5.490	99.5	10.5	22.0	
2002 08 14	15 28.49	−08 13.2	5.455	5.563	90.8	10.5	22.1	

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot\alpha$	$\dot\delta$	$\phi_{\rm MIN}$	Ref.
1999 JC_{94}	2001 10 18.0	01 31.45	−04 27.5	17.8	−0.81	− 5.4	4.3/13.6	18208
2000 LD_4	2001 10 18.0	01 31.66	−16 08.9	16.9	−0.85	− 5.7	9.4/09.3	18279
6789 P-L	2001 10 18.0	01 31.77	+03 37.5	17.3	−0.79	− 4.5	2.2/16.3	18109
2001 RS_{74}	2001 10 18.0	01 31.80	+10 46.6	17.5	−0.95	− 7.5	0.4/18.5	18043
2001 SW_{115}	2001 10 18.0	01 31.81	+09 11.0	18.0	−0.87	− 5.8	0.2/18.0	18095
1999 CV_5	2001 10 18.0	01 31.82	+21 28.5	15.4	−1.20	+ 2.0	5.0/20.7	18194
2000 HD_{76}	2001 10 18.0	01 31.83	+01 42.8	17.4	−1.01	− 3.8	2.8/16.0	18266
1999 BG_1	2001 10 18.1	01 31.88	−16 47.0	17.9	−0.91	− 2.7	8.0/10.6	18191
1999 CQ_{57}	2001 10 18.1	01 31.93	+11 17.4	17.2	−1.00	− 4.4	0.7/18.6	16932
2001 QE_{83}	2001 10 18.1	01 31.95	+16 57.6	15.8	−0.81	− 7.2	3.7/20.5	17845
1998 FG_{32}	2001 10 18.1	01 32.00	+02 36.1	17.9	−0.68	− 8.5	2.0/15.7	16796
1998 YX_9	2001 10 18.1	01 32.07	+10 56.9	18.4	−1.00	− 6.4	0.5/18.6	18188
2000 LH_{11}	2001 10 18.1	01 32.19	+24 44.3	17.2	−0.83	−12.6	5.1/23.9	17423
2001 QX_{98}	2001 10 18.1	01 32.21	+15 47.9	17.4	−0.92	− 8.0	2.8/20.2	17859
1999 HT_8	2001 10 18.2	01 32.20	+10 32.9	18.1	−0.75	− 8.2	0.3/18.5	16983
1999 CJ_{68}	2001 10 18.2	01 32.37	+13 09.3	18.1	−0.95	− 5.3	1.2/19.3	18196
1999 FG_{19}	2001 10 18.2	01 32.42	+12 47.7	17.5	−0.91	− 5.4	1.0/19.2	18202
2000 ST_{354}	2001 10 18.2	01 32.49	+01 25.1	17.3	−0.53	− 1.8	1.5/15.7	17467
2000 MR_3	2001 10 18.2	01 32.50	+21 43.1	17.6	−0.88	− 6.0	3.9/22.2	18281
2000 JS_4	2001 10 18.2	01 32.59	−12 46.2	18.3	−0.92	− 2.8	7.6/11.9	2777
1997 HP_{13}	2001 10 18.3	01 32.55	+07 50.6	18.9	−1.01	− 7.5	0.7/17.8	9058
7082 P-L	2001 10 18.3	01 32.62	+01 28.9	15.8	−0.75	−28.1	3.7/14.8	18512
2001 QC_{84}	2001 10 18.3	01 32.66	+27 34.8	17.2	−1.15	− 1.5	6.5/23.3	17846
2000 KD_{54}	2001 10 18.3	01 32.69	−08 42.5	18.2	−0.84	− 6.6	6.1/12.4	2789
2000 GH_{89}	2001 10 18.3	01 32.74	+00 21.0	18.8	−0.94	− 5.6	3.4/15.6	17282
2001 OM_{103}	2001 10 18.3	01 32.76	+03 11.2	16.7	−0.70	−24.7	2.6/15.6	18349
2000 JC_{70}	2001 10 18.3	01 32.92	−35 16.5	18.6	−0.97	− 1.3	13.0/03.6	18273
1997 TM_{13}	2001 10 18.3	01 32.93	+10 52.4	18.8	−0.99	− 5.4	0.4/18.7	18152
1999 BS_{34}	2001 10 18.3	01 32.94	+09 04.1	19.0	−1.06	− 4.0	0.2/18.2	16918
1995 GQ_2	2001 10 18.4	01 32.96	+03 12.8	19.7	−0.87	− 4.7	2.4/16.5	*33248*
2000 JW_{48}	2001 10 18.4	01 33.09	+21 13.4	18.2	−1.03	− 5.7	4.3/21.9	17381
2000 GZ_{98}	2001 10 18.4	01 33.10	+17 47.1	18.3	−1.07	− 5.7	3.0/20.8	18255
2001 QX_{247}	2001 10 18.4	01 33.17	+12 45.4	16.9	−0.99	− 1.5	1.4/19.3	17975
2256 T-3	2001 10 18.4	01 33.21	+15 46.7	18.2	−1.10	− 3.4	2.3/20.1	18514
2000 OF_{69}	2001 10 18.4	01 33.21	+08 23.7	20.4	−0.77	− 4.7	0.4/18.1	18285
2001 SQ_{61}	2001 10 18.4	01 33.23	+05 07.2	18.8	−0.87	− 9.6	2.0/16.9	18088
2000 LE_{36}	2001 10 18.4	01 33.24	+17 40.0	16.5	−0.93	− 5.6	3.4/20.9	18281
1981 ER_{30}	2001 10 18.4	01 33.27	+10 22.2	16.9	−0.84	− 5.9	0.2/18.7	16696
1999 CT_{45}	2001 10 18.4	01 33.27	+10 11.3	17.5	−0.99	− 4.3	0.2/18.6	16929
2000 LR_4	2001 10 18.5	01 33.27	+00 59.5	16.5	−0.82	− 7.7	3.3/15.7	18279
1995 CR_1	2001 10 18.5	01 33.29	+09 36.7	17.3	−0.86	−18.7	0.1/18.5	18139
1993 FC_{17}	2001 10 18.5	01 33.37	+01 46.3	19.0	−0.93	− 8.0	3.1/16.0	18134
2000 JD_{39}	2001 10 18.5	01 33.38	+02 16.6	17.5	−1.06	− 2.8	3.0/16.6	18271
1994 SN_{10}	2001 10 18.5	01 33.41	+00 46.8	18.1	−0.64	−10.5	2.8/15.2	*39958*
2001 SE_{107}	2001 10 18.5	01 33.42	+19 15.4	19.0	−1.05	− 1.2	3.2/21.0	18095
1993 QF_9	2001 10 18.5	01 33.50	+03 34.9	18.3	−0.92	− 6.1	2.3/16.7	18135
1995 SO_{34}	2001 10 18.5	01 33.51	+08 29.6	18.1	−0.76	− 4.4	0.5/18.2	18140
1998 WV_{20}	2001 10 18.5	01 33.54	+05 20.9	17.7	−1.04	− 5.4	1.8/17.3	18181
2000 KP_{12}	2001 10 18.5	01 33.73	+06 00.1	18.1	−1.01	− 4.7	1.6/17.5	18275
1997 PT_4	2001 10 18.6	01 33.67	+16 40.6	17.2	−0.83	− 5.3	3.4/20.8	18150
2000 GB_{160}	2001 10 18.6	01 33.69	+16 49.7	17.7	−0.86	− 9.5	2.4/21.0	17310
2000 JT_{37}	2001 10 18.6	01 33.70	+05 14.5	17.5	−1.03	− 3.8	1.7/17.4	18271
2000 GX_{134}	2001 10 18.6	01 33.74	+01 59.9	19.1	−1.03	− 4.4	2.9/16.5	2494
1993 FE_{41}	2001 10 18.6	01 33.82	+07 24.6	18.6	−0.76	− 3.7	0.7/17.9	16707
1998 XO_{39}	2001 10 18.6	01 33.91	+06 20.4	16.9	−1.04	− 4.1	1.4/17.7	16882
1998 XM_{41}	2001 10 18.6	01 33.92	+06 01.9	17.7	−1.15	− 1.3	1.7/17.8	16883
1999 JD_{127}	2001 10 18.7	01 34.01	+04 28.9	19.3	−0.76	− 3.3	1.4/17.1	17004
2001 QG_{137}	2001 10 18.7	01 34.03	+20 38.3	17.5	−1.07	− 6.6	4.7/22.0	17902
3034 T-1	2001 10 18.7	01 34.10	+18 23.5	19.7	−0.54	− 1.9	1.5/21.4	8353
1997 CA_{14}	2001 10 18.7	01 34.18	+09 32.7	18.6	−0.80	− 4.2	0.1/18.7	16749
2000 JK_{52}	2001 10 18.7	01 34.21	+09 24.3	17.0	−1.07	− 2.7	0.2/18.6	17382
1995 QB_1	2001 10 18.7	01 34.41	+09 04.5	18.3	−0.79	− 5.2	0.2/18.6	18140
3068 T-3	2001 10 18.7	01 34.43	+07 16.3	18.9	−0.89	− 6.7	0.8/18.0	2595
2001 QN_{28}	2001 10 18.7	01 34.44	+13 13.8	17.6	−1.21	− 4.0	1.7/19.7	17776
1999 CN_{84}	2001 10 18.7	01 34.47	+12 55.2	17.5	−1.06	− 3.7	1.2/19.6	16938
1981 EP_{10}	2001 10 18.8	01 34.40	+19 50.5	19.9	−1.01	− 5.0	3.6/21.7	*22696*
2000 FU_{39}	2001 10 18.8	01 34.47	+05 08.2	18.4	−1.04	− 4.1	1.8/17.5	17239
1998 YM_{22}	2001 10 18.8	01 34.53	−02 36.1	18.5	−0.91	− 6.2	4.2/15.0	18188
2000 KA_{40}	2001 10 18.8	01 34.54	+04 32.5	18.3	−0.96	− 0.9	2.6/17.5	17407
2001 OZ_{104}	2001 10 18.8	01 34.55	+04 50.1	17.0	−0.80	− 4.7	1.7/17.3	18349
2000 GP_{94}	2001 10 18.8	01 34.55	−09 07.8	17.0	−0.80	− 8.2	7.1/12.5	18255
2000 FC_{49}	2001 10 18.8	01 34.57	+17 09.1	17.4	−1.02	− 5.0	2.8/21.0	17244

2000 KU$_{30}$	2001 10 18.8	01 34.66	+14 15.4	17.9	−0.90	− 5.6	1.5/20.2	17404
1996 RP	2001 10 18.8	01 34.71	−28 16.1	20.7	−0.87	− 4.1	9.9/06.2	3876
2000 GR$_{44}$	2001 10 18.9	01 34.81	+07 19.1	18.1	−1.00	− 6.3	1.0/18.2	18251
1997 WB$_{13}$	2001 10 18.9	01 34.84	+09 09.4	18.6	−0.89	− 4.6	0.2/18.7	18154
2000 OK$_{13}$	2001 10 18.9	01 34.84	+23 06.5	17.6	−0.82	− 4.6	3.9/23.1	18283
1999 GD$_{5}$	2001 10 18.9	01 34.86	−01 24.9	17.7	−0.89	− 6.0	3.9/15.4	18203
2001 SV$_{75}$	2001 10 18.9	01 34.90	+27 46.8	18.4	−1.14	− 1.7	5.9/23.9	18091
1996 YX$_{2}$	2001 10 18.9	01 34.93	+08 51.3	17.6	−0.79	− 4.2	0.3/18.6	18147
1999 AP$_{4}$	2001 10 18.9	01 34.97	−18 36.0	17.1	−0.88	− 2.9	10.4/10.3	18189
2001 QJ$_{247}$	2001 10 18.9	01 35.03	+05 26.1	17.4	−0.89	− 4.0	2.2/17.7	17975
2000 OK$_{3}$	2001 10 18.9	01 35.13	+29 56.3	17.2	−0.81	− 4.6	5.3/25.6	13669
2000 GV$_{65}$	2001 10 18.9	01 35.21	+09 14.8	18.3	−1.06	− 4.4	0.3/18.8	17269
2000 GT$_{114}$	2001 10 19.0	01 35.16	+16 31.5	16.9	−1.08	− 1.8	2.4/20.7	17295
1999 JF$_{54}$	2001 10 19.0	01 35.20	+07 00.2	19.2	−0.72	− 4.0	0.7/18.1	18207
1999 AC$_{7}$	2001 10 19.0	01 35.22	−02 03.6	18.2	−0.90	− 6.5	4.4/15.3	18189
1999 BC$_{24}$	2001 10 19.0	01 35.31	+18 17.5	17.5	−0.97	− 6.5	3.1/21.6	16916
1992 GM$_{3}$	2001 10 19.0	01 35.32	+12 07.3	18.4	−0.91	− 6.8	0.7/19.7	16705
2000 KT$_{52}$	2001 10 19.0	01 35.34	+06 38.0	18.1	−0.91	− 7.6	1.2/18.0	18277
2001 QU$_{27}$	2001 10 19.0	01 35.34	+16 31.2	17.0	−1.08	− 1.5	3.0/20.7	17775
2000 GL$_{115}$	2001 10 19.0	01 35.35	+04 23.1	18.4	−1.00	− 5.0	2.1/17.5	17296
2000 TD$_{39}$	2001 10 19.0	01 35.41	+12 08.5	18.4	−0.56	− 1.3	0.4/19.7	13783
2000 HG$_{12}$	2001 10 19.0	01 35.49	+13 02.2	18.7	−1.03	− 7.0	1.2/20.0	18261
2000 KE$_{59}$	2001 10 19.0	01 35.49	+09 43.5	18.5	−0.93	− 7.9	0.1/19.0	17413
2001 OS$_{104}$	2001 10 19.0	01 35.52	+13 44.2	16.5	−0.90	− 3.6	1.4/20.2	17694
2000 HO$_{27}$	2001 10 19.0	01 35.56	+17 09.1	20.5	−0.87	− 6.7	1.9/21.4	3934
2000 ND$_{10}$	2001 10 19.1	01 35.51	+37 54.6	19.1	−1.35	+ 0.2	9.2/26.4	16085
1999 JM$_{111}$	2001 10 19.1	01 35.60	+02 02.3	19.0	−0.72	− 4.7	2.1/16.7	17001
1999 FB$_{28}$	2001 10 19.1	01 35.64	+25 36.0	16.9	−1.23	+ 2.0	5.6/22.6	18202
2000 GM$_{68}$	2001 10 19.1	01 35.79	+08 25.2	18.6	−0.97	− 4.8	0.6/18.7	17270
1998 DU$_{14}$	2001 10 19.1	01 35.79	−07 49.4	18.0	−0.74	− 5.5	5.7/13.3	16791
1981 EV$_{41}$	2001 10 19.1	01 35.85	+13 49.0	17.9	−0.89	− 4.5	1.3/20.3	18130
2001 SY$_{50}$	2001 10 19.2	01 35.92	−00 13.5	18.0	−0.95	− 3.4	4.1/16.5	18086
2000 HT$_{32}$	2001 10 19.2	01 35.97	−11 50.7	18.7	−0.90	− 3.4	6.7/13.0	2774
1996 TF$_{50}$	2001 10 19.2	01 35.98	+14 45.8	18.2	−0.84	− 5.1	1.5/20.7	18146
1999 FT$_{35}$	2001 10 19.2	01 35.99	+17 12.2	17.9	−1.01	− 4.6	2.7/21.3	16969
1996 VS$_{27}$	2001 10 19.2	01 36.00	+07 01.6	20.7	−0.78	− 4.3	0.9/18.3	1912
2000 JQ$_{63}$	2001 10 19.2	01 36.00	+12 51.7	17.4	−1.10	− 4.0	1.2/20.0	18273
2000 GG$_{79}$	2001 10 19.2	01 36.02	+08 49.4	16.5	−1.00	− 0.8	0.6/18.9	17277
1998 DZ$_{22}$	2001 10 19.2	01 36.10	+22 46.6	18.2	−0.88	− 3.3	4.1/23.0	18159
2000 HZ$_{71}$	2001 10 19.2	01 36.13	+10 33.7	20.0	−0.90	− 6.4	0.2/19.4	17345
1997 WO$_{3}$	2001 10 19.2	01 36.20	+14 16.7	17.6	−0.90	− 5.2	1.5/20.5	18154
2000 HG$_{26}$	2001 10 19.2	01 36.20	+05 01.3	19.2	−0.91	− 4.1	1.6/17.9	1626
2001 RL$_{74}$	2001 10 19.2	01 36.26	+11 42.7	17.5	−0.73	− 9.3	0.5/19.9	18043
2001 RH$_{73}$	2001 10 19.3	01 36.27	+12 50.7	18.3	−0.73	− 8.3	0.9/20.3	18042
1998 FJ$_{51}$	2001 10 19.3	01 36.31	+10 45.4	18.2	−0.83	− 2.7	0.2/19.5	16798
2000 FQ$_{45}$	2001 10 19.3	01 36.34	+01 19.9	18.8	−1.01	− 6.0	3.3/16.8	748
2000 KP$_{25}$	2001 10 19.3	01 36.34	+01 09.7	17.8	−0.91	− 2.0	3.2/17.0	17402
2000 FT$_{64}$	2001 10 19.3	01 36.35	+19 44.5	18.1	−1.02	− 6.6	3.9/22.3	17247
2000 DT$_{98}$	2001 10 19.3	01 36.37	+09 10.3	18.0	−1.19	− 2.9	0.4/19.1	17177
2000 HA$_{13}$	2001 10 19.3	01 36.37	+16 42.1	17.4	−1.07	− 4.2	2.4/21.2	18261
2001 QZ$_{101}$	2001 10 19.3	01 36.54	+16 33.0	16.7	−1.23	+ 2.0	2.4/20.7	17864
2001 SD$_{54}$	2001 10 19.3	01 36.66	+02 22.0	18.7	−1.07	− 4.0	3.4/17.4	18087
6253 P-L	2001 10 19.4	01 36.64	+07 21.0	18.4	−0.80	− 6.5	0.8/18.5	18107
1991 LM$_{3}$	2001 10 19.4	01 36.65	+14 26.0	17.8	−1.05	− 9.9	2.0/20.8	18132
4107 P-L	2001 10 19.4	01 36.67	+16 03.3	19.0	−0.80	− 3.8	1.8/21.2	18511
2000 NC$_{28}$	2001 10 19.4	01 36.69	+24 13.3	16.7	−0.83	− 4.8	4.3/23.9	18282
2000 HJ$_{53}$	2001 10 19.4	01 36.78	+02 58.1	15.8	−1.05	− 1.8	3.2/17.6	18264
1992 DO$_{8}$	2001 10 19.4	01 36.92	+02 21.5	17.7	−0.69	− 7.1	2.3/16.9	18133
1999 JL$_{70}$	2001 10 19.4	01 36.97	+06 04.0	18.4	−0.76	− 5.1	1.2/18.2	18208
3012 P-L	2001 10 19.4	01 36.97	+26 05.8	17.9	−0.87	− 4.4	5.6/24.5	18101
2001 SE$_{62}$	2001 10 19.4	01 36.98	+10 45.6	17.0	−0.88	− 1.0	0.2/19.6	18088
1998 YX$_{11}$	2001 10 19.4	01 37.01	+01 27.2	18.2	−0.99	− 5.0	3.3/17.0	16897
2000 HL$_{78}$	2001 10 19.4	01 37.05	+21 34.3	17.7	−1.08	− 3.7	5.0/23.0	17350
1998 BJ$_{6}$	2001 10 19.4	01 37.08	−04 13.4	17.6	−0.86	− 4.6	5.0/15.1	18157
1992 HJ$_{5}$	2001 10 19.4	01 37.10	+07 50.0	18.0	−0.95	− 4.6	0.8/18.9	16705
1999 JM$_{74}$	2001 10 19.5	01 37.02	−04 40.3	18.0	−0.85	− 1.9	4.8/15.4	18208
1999 LY$_{4}$	2001 10 19.5	01 37.24	+02 18.7	18.7	−0.69	− 7.3	2.0/16.9	17008
1999 CR$_{76}$	2001 10 19.5	01 37.30	+06 31.9	18.1	−0.84	− 6.6	1.2/18.4	16936
2131 T-3	2001 10 19.5	01 37.34	+16 32.5	18.6	−0.50	− 3.4	1.1/21.7	18514
1999 CY$_{73}$	2001 10 19.5	01 37.34	+05 37.0	20.2	−0.86	− 6.1	1.4/18.2	2643
1999 JD$_{83}$	2001 10 19.5	01 37.37	−00 24.8	18.7	−0.71	− 5.1	2.7/16.2	18208
2000 FB$_{35}$	2001 10 19.5	01 37.39	+05 31.8	19.3	−0.99	− 6.1	1.7/18.2	1587
2000 JB$_{70}$	2001 10 19.5	01 37.44	−16 50.4	17.9	−0.84	− 3.8	9.4/11.3	18273
4333 T-1	2001 10 19.5	01 37.46	+06 15.6	18.4	−0.75	− 4.2	1.0/18.4	*23533*
2000 GP$_{133}$	2001 10 19.6	01 37.45	+01 58.1	18.0	−0.96	− 6.7	3.0/17.2	18257
2000 GW$_{170}$	2001 10 19.6	01 37.59	+18 02.5	17.4	−1.17	− 0.6	3.9/21.6	17312
1999 AW$_{22}$	2001 10 19.6	01 37.68	+15 42.7	17.7	−1.23	+ 1.4	1.8/20.8	16906
1999 KR$_{1}$	2001 10 19.6	01 37.78	+04 14.7	17.0	−0.96	+ 0.7	1.9/18.3	17005
2001 QS$_{140}$	2001 10 19.6	01 37.83	+28 39.0	18.2	−1.03	− 4.0	6.4/25.4	17905
1998 XQ$_{10}$	2001 10 19.6	01 37.84	+19 06.0	17.0	−0.99	− 5.4	3.5/22.3	18184
2000 HD$_{33}$	2001 10 19.7	01 37.78	−41 50.2	17.6	−1.31	+ 7.4	19.0/08.1	5750
2000 GL$_{106}$	2001 10 19.7	01 37.88	+12 54.4	18.5	−1.02	− 4.1	1.0/20.5	18256
1999 AN	2001 10 19.7	01 37.95	+10 49.7	19.0	−0.99	− 4.8	0.2/19.9	*35730*
3190 T-2	2001 10 19.7	01 38.04	−01 04.2	18.2	−0.79	− 6.1	3.5/16.2	18513
2001 RX$_{77}$	2001 10 19.7	01 38.05	+19 21.9	18.7	−0.99	− 1.5	3.9/22.2	18045
2000 HO$_{53}$	2001 10 19.7	01 38.15	+12 22.1	16.5	−0.85	− 8.9	0.9/20.5	18264
1993 NG$_{1}$	2001 10 19.7	01 38.16	+21 27.3	17.8	−1.02	− 5.2	4.5/23.0	18135
1999 BJ$_{15}$	2001 10 19.7	01 38.19	+16 03.7	17.9	−0.89	− 5.8	1.9/21.6	18192
1999 AR	2001 10 19.8	01 38.15	+37 12.3	16.6	−1.11	− 4.1	8.6/28.6	18189
1999 CQ$_{9}$	2001 10 19.8	01 38.39	−02 34.6	18.2	−0.89	− 4.3	4.0/16.1	18194
2000 GB$_{108}$	2001 10 19.8	01 38.44	+02 15.8	18.3	−0.95	− 7.3	3.0/17.4	18256
1998 FE$_{60}$	2001 10 19.8	01 38.47	+01 48.5	18.2	−0.73	− 7.1	2.5/17.1	16798
2000 OT$_{29}$	2001 10 19.8	01 38.50	+21 50.2	18.3	−0.78	− 5.0	3.3/23.6	17437
2000 KJ$_{46}$	2001 10 19.9	01 38.59	−06 50.6	17.7	−0.78	− 4.3	5.8/14.8	7521
2000 GE$_{54}$	2001 10 19.9	01 38.62	+09 00.3	18.3	−0.90	− 6.4	0.6/19.5	17265
2000 QT$_{218}$	2001 10 19.9	01 38.64	+15 25.6	18.8	−0.79	− 3.4	1.4/21.5	18289
1998 HZ$_{45}$	2001 10 19.9	01 38.65	+09 46.3	18.1	−0.78	− 4.2	0.1/19.8	16814
2000 HX$_{35}$	2001 10 19.9	01 38.69	+20 28.7	18.8	−1.01	− 6.3	3.4/23.0	18263
1996 TJ$_{19}$	2001 10 19.9	01 38.86	+07 57.2	19.1	−0.92	− 1.1	0.8/19.4	16742
2000 FA$_{46}$	2001 10 19.9	01 38.87	−05 05.4	17.7	−0.96	− 3.7	5.9/15.8	17243
1998 CT$_{1}$	2001 10 19.9	01 38.91	+38 10.6	18.5	−1.02	− 2.4	8.8/28.7	18158
1998 FX$_{48}$	2001 10 19.9	01 38.96	+10 45.0	17.8	−0.76	− 6.0	0.1/20.1	16798

2001 QS$_{247}$	2001 10 20.0	01 38.90	+08 02.1	18.1	−0.97	− 3.0	1.1/19.4	17975
2000 KO$_{63}$	2001 10 20.0	01 38.91	+10 27.0	16.4	−0.75	−13.5	0.1/20.1	18278
1990 TE$_{2}$	2001 10 20.0	01 38.92	+14 13.5	18.1	−0.96	− 6.8	1.4/21.2	18132
2001 OB$_{106}$	2001 10 20.0	01 38.92	−10 09.9	17.8	−0.68	−22.4	7.7/10.9	18349
2000 KJ$_{63}$	2001 10 20.0	01 38.95	+04 17.8	19.4	−0.94	− 8.6	2.4/18.1	17415
2000 GA$_{164}$	2001 10 20.0	01 39.02	−01 19.7	17.8	−0.92	− 5.8	4.3/16.6	17310
1998 XQ$_{62}$	2001 10 20.0	01 39.06	+47 36.3	18.9	−1.62	+ 2.1	13.5/29.2	4924
2001 QL$_{137}$	2001 10 20.0	01 39.07	+21 02.2	17.2	−1.05	− 4.9	4.2/23.1	17902
2000 JB$_{25}$	2001 10 20.0	01 39.12	+21 52.4	17.9	−1.01	− 5.3	4.5/23.5	17367
6052 P-L	2001 10 20.0	01 39.18	+17 19.6	16.2	−0.90	− 0.6	3.6/21.9	18106
1999 FW$_{50}$	2001 10 20.0	01 39.21	+08 57.0	17.9	−0.77	− 5.5	0.4/19.6	18203
1997 LN$_{15}$	2001 10 20.0	01 39.27	+10 47.4	17.6	−0.94	− 8.9	0.2/20.2	16758
1997 WU$_{31}$	2001 10 20.0	01 39.27	+13 21.9	18.0	−0.87	− 6.6	1.3/21.0	16776
2001 OB$_{105}$	2001 10 20.0	01 39.28	+06 32.0	16.8	−0.89	− 4.1	1.5/19.0	17694
2001 QK$_{137}$	2001 10 20.1	01 39.35	+21 36.4	17.1	−0.89	− 2.0	3.7/23.3	17902
2000 GL$_{176}$	2001 10 20.1	01 39.42	+10 42.8	18.0	−0.92	− 6.4	0.2/20.2	17314
1997 XR$_{10}$	2001 10 20.1	01 39.49	+09 49.6	17.6	−0.94	− 4.2	0.2/20.0	18156
1998 FJ$_{80}$	2001 10 20.1	01 39.56	+01 18.0	17.9	−0.80	− 5.1	2.9/17.4	16800
1999 CW$_{124}$	2001 10 20.1	01 39.61	−07 32.8	16.6	−1.00	− 0.4	6.3/15.8	16948
1999 GX$_{6}$	2001 10 20.1	01 39.64	+10 42.8	16.8	−0.79	−14.9	0.1/20.3	16974
2001 QG$_{31}$	2001 10 20.2	01 39.66	+02 48.5	16.9	−0.66	−11.2	2.6/17.4	17782
2000 HQ$_{41}$	2001 10 20.2	01 39.88	−17 09.3	18.6	−0.93	− 1.9	9.6/12.5	3934
1999 JO$_{51}$	2001 10 20.2	01 39.97	+14 05.9	16.8	−0.76	− 7.8	1.2/21.5	16991
2000 LU$_{10}$	2001 10 20.2	01 40.08	−07 23.9	18.1	−0.83	− 6.0	5.9/14.7	18280
1998 EO$_{12}$	2001 10 20.3	01 40.04	+13 26.6	18.6	−0.86	− 1.9	0.9/21.1	16793
1998 DS$_{19}$	2001 10 20.3	01 40.22	+21 00.6	17.0	−0.93	− 0.3	3.3/23.1	16791
2001 QN$_{138}$	2001 10 20.3	01 40.24	+22 48.1	18.9	−0.90	− 2.9	4.2/23.9	17903
2000 KQ$_{6}$	2001 10 20.3	01 40.28	−03 02.0	18.3	−0.82	− 5.1	5.0/16.3	18275
2000 ET$_{97}$	2001 10 20.3	01 40.32	+14 14.0	17.8	−1.08	− 4.6	1.5/21.4	17203
2000 GF$_{104}$	2001 10 20.4	01 40.44	+06 27.5	17.9	−1.10	− 1.9	1.6/19.4	17290
1999 CM$_{121}$	2001 10 20.4	01 40.50	−39 00.9	19.1	−1.10	+ 2.6	16.2/05.3	3301
2000 KX$_{72}$	2001 10 20.4	01 40.54	−13 21.2	18.5	−0.86	− 4.4	8.2/13.1	17418
2001 QQ$_{31}$	2001 10 20.4	01 40.59	−04 19.0	15.9	−0.81	− 4.2	6.4/16.0	18370
1999 GU$_{16}$	2001 10 20.4	01 40.64	+03 50.4	17.3	−0.97	− 1.5	2.1/18.8	16976
1999 BG	2001 10 20.4	01 40.70	+20 57.5	17.8	−1.03	− 4.1	3.9/23.4	18191
4817 T-2	2001 10 20.4	01 40.83	+09 12.0	17.6	−1.07	− 3.1	0.5/20.2	18513
1988 RQ$_{10}$	2001 10 20.5	01 40.79	−01 35.1	18.5	−0.49	− 3.7	2.3/16.5	18130
2000 GJ$_{28}$	2001 10 20.5	01 40.83	+12 06.1	18.9	−1.02	− 4.7	0.6/21.0	17256
1993 FB$_{35}$	2001 10 20.5	01 40.87	+07 37.3	20.2	−0.85	− 5.1	0.9/19.7	*32306*
2000 KS$_{65}$	2001 10 20.5	01 41.10	−15 18.3	19.2	−0.85	− 4.7	9.0/12.5	18278
2001 QB$_{150}$	2001 10 20.5	01 41.11	+02 17.6	17.5	−0.92	− 2.6	3.4/18.4	17909
1991 VH$_{9}$	2001 10 20.5	01 41.16	+08 43.7	18.2	−0.99	− 7.7	0.7/20.0	18132
2001 QC$_{28}$	2001 10 20.5	01 41.21	+10 38.2	17.4	−0.97	− 3.0	0.1/20.6	17775
1999 FO$_{8}$	2001 10 20.6	01 41.18	+00 37.2	17.6	−0.81	−16.5	3.3/16.8	16962
1997 YL$_{11}$	2001 10 20.6	01 41.23	+08 46.2	20.2	−1.09	− 3.7	0.7/20.2	*31591*
1996 HY$_{23}$	2001 10 20.6	01 41.34	+02 57.0	17.7	−1.05	− 0.1	3.1/18.9	18144
2000 GD$_{60}$	2001 10 20.6	01 41.40	+11 02.8	19.2	−1.03	− 4.8	0.2/20.8	18252
1999 CF$_{8}$	2001 10 20.7	01 41.55	−01 16.6	17.8	−0.89	− 7.0	5.1/17.0	16921
1998 YH$_{13}$	2001 10 20.7	01 41.58	−13 40.4	17.9	−0.91	− 2.7	8.3/14.1	18188
1997 WT$_{36}$	2001 10 20.7	01 41.60	−02 52.0	17.1	−0.94	− 2.8	5.8/16.9	18155
2001 QU$_{101}$	2001 10 20.7	01 41.64	+06 15.3	16.9	−0.90	− 2.9	2.0/19.6	18386
1999 XQ$_{33}$	2001 10 20.7	01 41.67	−41 32.4	18.4	−1.28	+ 1.3	21.7/03.0	1549
1998 HP$_{21}$	2001 10 20.7	01 41.75	+07 49.6	18.3	−0.72	− 8.5	0.8/19.8	16811
2035 P-L	2001 10 20.7	01 41.76	+14 32.8	18.2	−0.94	− 5.6	1.8/21.9	18097
2000 HK$_{50}$	2001 10 20.7	01 41.78	+08 17.9	16.8	−0.84	− 5.9	0.9/20.1	18264
1997 PY$_{3}$	2001 10 20.7	01 41.87	+15 22.9	18.8	−0.99	− 6.6	1.7/22.2	18150
2000 GO$_{70}$	2001 10 20.7	01 41.90	+10 58.6	18.2	−0.96	− 3.6	0.2/20.9	17271
2000 JB$_{27}$	2001 10 20.7	01 41.91	+14 55.8	16.0	−1.19	+ 1.1	2.1/21.7	18270
1999 JB$_{93}$	2001 10 20.7	01 41.93	−14 23.9	18.6	−0.72	− 3.5	6.5/12.9	18208
2001 QC$_{83}$	2001 10 20.8	01 42.17	+15 47.0	17.1	−1.02	− 7.3	2.4/23.0	17845
1999 GV$_{10}$	2001 10 20.8	01 42.21	+08 37.6	17.7	−0.76	− 4.7	0.6/20.3	18204
1994 WZ$_{7}$	2001 10 20.8	01 42.26	+05 33.1	17.8	−0.84	− 9.2	2.2/19.2	16721
1996 FM$_{1}$	2001 10 20.8	01 42.31	+19 29.2	17.7	−1.01	− 5.9	4.0/23.5	18143
1995 MC$_{2}$	2001 10 20.8	01 42.32	+13 58.0	17.9	−0.76	− 6.8	1.1/22.0	16726
1999 FR$_{33}$	2001 10 20.8	01 42.33	+00 51.3	17.0	−0.74	− 6.7	3.1/17.7	16968
2000 KP$_{2}$	2001 10 20.9	01 42.44	+05 13.9	16.3	−0.75	−19.3	2.0/18.8	18274
1997 YS$_{3}$	2001 10 20.9	01 42.46	+20 55.3	16.6	−0.82	− 7.0	4.6/24.3	18156
2001 OA$_{106}$	2001 10 20.9	01 42.46	+20 51.0	16.2	−1.07	− 3.6	4.9/23.8	17696
1998 HF$_{19}$	2001 10 20.9	01 42.54	+07 26.2	18.1	−0.75	− 8.2	1.0/19.9	16811
2860 P-L	2001 10 20.9	01 42.64	+02 46.8	18.2	−0.82	− 8.7	2.6/18.4	18511
2000 EE$_{133}$	2001 10 21.0	01 42.72	+03 17.5	17.7	−0.94	− 7.9	3.0/18.8	18243
2000 KO$_{56}$	2001 10 21.0	01 42.76	+11 27.4	17.6	−0.97	− 7.0	0.3/21.3	18277
2000 HS$_{75}$	2001 10 21.0	01 42.80	+06 44.9	17.8	−0.93	− 8.1	1.5/19.8	17347
2000 JV$_{32}$	2001 10 21.0	01 42.86	+09 55.9	17.2	−0.97	− 4.8	0.3/20.8	18270
2001 RW$_{80}$	2001 10 21.0	01 42.88	+01 15.8	17.4	−0.87	− 3.0	3.1/18.4	18047
2000 HF$_{42}$	2001 10 21.0	01 42.90	+08 04.6	18.2	−0.95	− 8.7	1.0/20.2	18263
2000 HQ$_{6}$	2001 10 21.0	01 43.00	+09 02.1	18.8	−0.96	− 3.5	0.6/20.6	17318
2000 QA$_{127}$	2001 10 21.0	01 43.04	+16 20.9	18.4	−0.53	− 2.8	1.1/22.9	18287
2000 EG$_{49}$	2001 10 21.0	01 43.09	+08 00.8	17.7	−0.93	− 6.9	1.1/20.3	18239
2000 EX$_{129}$	2001 10 21.0	01 43.12	+16 20.4	16.8	−1.18	− 2.2	2.3/23.0	18243
1999 CQ$_{75}$	2001 10 21.1	01 43.06	+18 35.4	17.5	−0.84	− 6.6	2.4/23.6	18197
1999 CS$_{84}$	2001 10 21.1	01 43.19	+01 37.2	17.9	−1.07	− 2.2	3.4/18.8	16938
2000 GP$_{103}$	2001 10 21.1	01 43.20	+06 56.6	18.3	−1.08	− 3.9	1.5/20.2	17289
2000 GZ$_{67}$	2001 10 21.1	01 43.30	+08 11.8	20.3	−0.95	− 6.7	0.9/20.4	1601
1998 HP$_{150}$	2001 10 21.1	01 43.32	+06 03.9	19.1	−0.63	− 3.3	1.0/19.8	16826
1999 CR$_{49}$	2001 10 21.1	01 43.34	−04 08.2	17.6	−0.89	− 2.5	4.9/17.2	18196
2000 GW$_{3}$	2001 10 21.1	01 43.46	+07 05.6	18.1	−1.00	− 5.2	1.4/20.2	17249
2001 QH$_{28}$	2001 10 21.2	01 43.45	+06 12.1	17.2	−0.92	− 7.5	2.0/19.8	18370
2000 GZ$_{125}$	2001 10 21.2	01 43.47	+02 27.5	17.8	−0.98	− 5.9	3.2/18.8	18257
1993 OK$_{6}$	2001 10 21.2	01 43.51	+00 44.4	17.2	−0.91	− 4.2	4.4/18.4	18135
1999 HY$_{9}$	2001 10 21.2	01 43.56	+12 51.6	17.6	−0.88	− 2.2	0.7/21.8	16984
2000 HN$_{31}$	2001 10 21.2	01 43.59	+13 21.1	17.1	−0.93	− 8.1	1.3/22.1	18262
1998 GW$_{9}$	2001 10 21.2	01 43.60	−05 30.3	19.8	−0.81	− 2.0	4.4/16.6	16809
1998 DJ$_{32}$	2001 10 21.2	01 43.63	+10 04.9	17.3	−0.87	− 5.7	0.2/21.1	18159
2001 QQ$_{262}$	2001 10 21.2	01 43.64	−02 05.7	17.5	−0.75	−10.8	4.8/16.7	17985
1998 YQ$_{7}$	2001 10 21.2	01 43.64	+17 38.0	17.8	−1.43	+ 3.0	2.6/22.5	16896
1996 VU$_{4}$	2001 10 21.2	01 43.66	−09 04.5	17.6	−0.89	− 0.7	7.1/15.9	18146
1981 EF$_{42}$	2001 10 21.2	01 43.72	+10 05.3	18.8	−0.86	− 4.4	0.2/21.1	18130
2001 QV$_{174}$	2001 10 21.3	01 43.83	−13 04.7	15.4	−0.57	− 5.9	11.1/12.1	17931
1999 CV$_{109}$	2001 10 21.3	01 43.93	+22 04.2	17.8	−0.97	− 6.5	4.5/24.8	18198
2000 KD$_{42}$	2001 10 21.3	01 43.94	+02 07.4	18.1	−0.94	− 6.0	3.0/18.8	17408
2001 QB$_{28}$	2001 10 21.3	01 43.97	+08 31.5	17.4	−0.77	− 4.5	0.9/20.7	17775

1999 CU$_{11}$	2001 10 21.3	01 44.04	+43 15.7	19.9	−1.16	− 2.5	9.3/31.7	16922
1997 WD$_{43}$	2001 10 21.3	01 44.04	+18 37.2	18.1	−0.92	− 8.7	2.8/23.8	16778
2000 ER$_{43}$	2001 10 21.3	01 44.13	+06 19.0	19.4	−1.01	− 7.2	1.7/20.1	18239
2000 JW$_{43}$	2001 10 21.3	01 44.14	+06 26.3	17.6	−0.88	− 3.4	1.5/20.2	18271
2219 T-3	2001 10 21.3	01 44.22	+15 13.3	17.4	−0.95	− 4.5	1.7/22.6	18514
1997 SS$_{9}$	2001 10 21.3	01 44.23	+13 51.6	20.9	−1.02	− 5.2	1.2/22.3	6760
1996 DY$_{1}$	2001 10 21.4	01 44.19	+05 38.2	18.0	−1.00	− 5.6	1.9/19.9	18143
2001 QZ$_{178}$	2001 10 21.4	01 44.22	+08 12.2	17.2	−1.21	− 0.4	1.2/20.8	17933
2000 LH$_{23}$	2001 10 21.4	01 44.36	+42 48.7	18.4	−0.98	− 3.6	9.4/01.6	3940
2001 RG$_{75}$	2001 10 21.4	01 44.37	+10 23.4	17.8	−0.83	− 9.9	0.1/21.3	18043
2001 RC$_{75}$	2001 10 21.4	01 44.38	+14 05.3	17.0	−0.97	+ 0.1	1.1/22.2	18043
1997 VC$_{7}$	2001 10 21.4	01 44.42	+18 41.0	16.2	−0.83	− 7.3	3.7/24.1	18153
1999 CA$_{154}$	2001 10 21.4	01 44.46	+05 57.9	18.9	−0.90	− 7.4	1.7/20.0	16954
6762 P-L	2001 10 21.4	01 44.48	+10 00.0	18.9	−1.04	− 3.7	0.3/21.2	18512
2001 QX$_{137}$	2001 10 21.4	01 44.49	+23 16.7	17.5	−1.07	− 5.6	4.8/25.1	17903
2000 GX$_{142}$	2001 10 21.4	01 44.61	−08 15.8	17.1	−0.82	− 6.5	7.6/15.5	18258
1995 ME$_{1}$	2001 10 21.5	01 44.56	+02 58.8	16.2	−0.71	− 9.5	3.1/18.8	16726
2001 QR$_{137}$	2001 10 21.5	01 44.59	+25 13.0	16.8	−0.98	− 3.9	5.6/25.7	17902
1998 KQ$_{23}$	2001 10 21.5	01 44.75	−01 57.8	19.5	−0.61	− 2.7	2.7/17.7	16829
2001 RH$_{75}$	2001 10 21.5	01 44.83	+16 40.7	17.2	−0.97	− 2.7	2.1/23.1	18044
1984 AJ$_{1}$	2001 10 21.5	01 44.85	+19 16.0	17.0	−1.10	− 2.9	3.4/23.7	18130
2000 GF$_{163}$	2001 10 21.5	01 45.00	−01 10.5	17.1	−0.92	− 5.1	4.7/18.2	18259
2000 HX$_{73}$	2001 10 21.5	01 45.03	−16 59.7	18.6	−0.88	− 3.9	10.2/13.1	1316
2000 GH$_{92}$	2001 10 21.6	01 44.96	−03 22.5	18.7	−1.04	− 3.3	5.5/17.9	1606
2000 HH$_{50}$	2001 10 21.6	01 45.16	+11 10.4	19.1	−0.90	− 6.5	0.1/21.7	10958
2001 QJ$_{150}$	2001 10 21.6	01 45.22	−03 56.2	16.9	−0.82	− 4.5	5.5/17.1	17909
1998 BW$_{8}$	2001 10 21.6	01 45.27	+12 36.5	18.3	−0.78	− 3.2	0.5/22.2	18157
1999 LE$_{12}$	2001 10 21.6	01 45.37	−18 48.0	19.2	−0.79	− 1.6	7.5/12.7	18210
2001 OQ$_{74}$	2001 10 21.6	01 45.37	+59 28.6	16.8	−1.90	+ 8.6	23.8/07.9	18343
2000 NY$_{7}$	2001 10 21.6	01 45.38	−02 33.2	19.0	−0.79	− 5.5	4.1/17.5	18282
1998 VZ$_{4}$	2001 10 21.7	01 45.39	+07 10.3	18.5	−1.02	− 6.7	1.4/20.6	18178
1996 RF$_{17}$	2001 10 21.7	01 45.40	+16 16.7	18.1	−0.92	− 2.9	1.9/23.2	16739
2000 ED$_{55}$	2001 10 21.7	01 45.54	+02 16.8	16.8	−1.05	− 2.6	3.5/19.6	18239
2001 QA$_{150}$	2001 10 21.7	01 45.65	−04 01.0	18.0	−0.88	− 5.7	6.6/17.2	17909
2000 JC$_{3}$	2001 10 21.7	01 45.68	+00 24.9	17.5	−1.59	+ 5.6	4.9/20.3	17360
2000 HK$_{47}$	2001 10 21.7	01 45.77	+04 39.2	16.3	−1.07	+ 1.0	3.2/20.4	18264
6061 P-L	2001 10 21.7	01 45.80	+13 28.0	17.5	−1.02	− 4.6	1.1/23.0	18512
2001 RJ$_{78}$	2001 10 21.8	01 45.73	+16 38.4	18.6	−0.93	− 0.4	1.8/23.2	18045
1998 WG$_{8}$	2001 10 21.8	01 45.76	+24 29.3	16.5	−1.06	− 5.6	6.0/25.8	18180
2000 JA$_{38}$	2001 10 21.8	01 45.83	−04 42.2	18.1	−1.06	− 0.8	5.4/18.1	18271
2000 GZ$_{99}$	2001 10 21.8	01 45.93	+11 53.6	19.1	−1.02	− 7.2	0.3/22.1	18255
1981 EP$_{31}$	2001 10 21.8	01 45.97	+12 08.0	17.6	−1.04	− 3.5	0.5/22.2	18129
2001 QY$_{27}$	2001 10 21.8	01 46.01	+08 33.6	16.6	−0.92	− 2.4	1.2/21.2	18370
1981 EU$_{5}$	2001 10 21.8	01 46.15	+18 16.0	20.1	−0.97	− 7.1	2.7/24.1	*30779*
1999 GO	2001 10 21.9	01 46.20	+10 55.9	17.6	−0.81	− 4.2	0.0/21.9	*35089*
1993 FQ$_{48}$	2001 10 21.9	01 46.36	+14 33.3	18.2	−1.08	− 4.1	1.4/23.0	18135
2000 NV$_{26}$	2001 10 21.9	01 46.37	+23 36.9	17.6	−0.84	− 3.5	3.8/25.7	18282
1999 BM$_{14}$	2001 10 21.9	01 46.38	+06 17.5	18.3	−0.98	− 4.4	1.7/20.7	16913
1997 WR$_{11}$	2001 10 21.9	01 46.43	+12 58.1	19.0	−0.88	− 6.4	0.6/22.6	18154
2000 JR$_{40}$	2001 10 21.9	01 46.44	+00 27.5	17.7	−0.99	− 2.2	4.4/19.3	17377
1997 UK	2001 10 21.9	01 46.47	+11 06.7	18.1	−0.94	− 5.4	0.0/22.0	18152
1981 EV$_{38}$	2001 10 21.9	01 46.48	+16 33.7	19.5	−0.76	− 3.8	1.4/23.6	*26922*
1996 BJ$_{7}$	2001 10 21.9	01 46.48	+05 38.2	20.4	−1.00	− 4.8	1.9/20.5	9043
2000 LA$_{9}$	2001 10 21.9	01 46.54	+03 20.1	17.8	−0.96	− 5.5	2.7/19.8	17422
2000 FA$_{40}$	2001 10 22.0	01 46.60	+04 12.2	18.3	−1.01	− 4.1	2.5/20.2	17239
2000 GY$_{47}$	2001 10 22.0	01 46.65	+11 33.9	17.7	−1.05	− 3.5	0.2/22.2	17262
2000 HB$_{68}$	2001 10 22.0	01 46.66	+03 11.3	18.0	−0.99	− 6.8	3.2/19.8	17343
2000 QZ$_{75}$	2001 10 22.0	01 46.67	−00 34.5	18.2	−0.49	− 4.4	2.3/18.2	17444
1999 CG	2001 10 22.0	01 46.71	+07 11.3	18.2	−1.04	− 3.8	1.4/21.0	16918
1999 AK$_{24}$	2001 10 22.0	01 46.73	+26 28.1	19.1	−1.00	− 6.1	5.2/26.8	2640
1993 BG$_{6}$	2001 10 22.0	01 46.82	+14 58.6	17.4	−1.06	− 5.5	1.7/23.2	18134
1997 UX	2001 10 22.0	01 46.84	+09 45.7	17.4	−1.13	+ 1.1	0.6/21.8	18152
2000 ET$_{106}$	2001 10 22.0	01 46.90	+15 29.9	18.9	−1.09	− 4.3	1.7/23.3	17205
1996 TZ$_{47}$	2001 10 22.1	01 47.00	+11 13.4	19.7	−0.76	− 4.4	0.0/22.2	1911
2000 QL$_{214}$	2001 10 22.1	01 47.02	+03 40.6	18.0	−0.49	− 2.7	1.3/19.8	17451
2000 HF$_{76}$	2001 10 22.1	01 47.08	+08 16.2	17.4	−0.80	− 8.1	1.1/21.3	17347
1999 FR$_{22}$	2001 10 22.1	01 47.19	+12 16.6	17.3	−0.90	− 5.5	0.4/22.5	16964
2000 GC$_{67}$	2001 10 22.1	01 47.22	+11 30.2	18.2	−1.04	− 4.7	0.2/22.3	18253
1999 BT$_{28}$	2001 10 22.1	01 47.22	+21 42.8	18.0	−0.89	− 5.1	5.4/25.5	16917
1997 RK$_{9}$	2001 10 22.1	01 47.24	+19 43.5	17.3	−1.07	− 2.5	3.7/24.4	18150
2001 QV$_{137}$	2001 10 22.1	01 47.31	+23 20.8	17.7	−1.09	− 4.8	5.2/25.8	17903
2000 QX$_{87}$	2001 10 22.2	01 47.24	+31 35.1	18.3	−0.90	− 2.7	5.5/28.2	18287
1999 DA$_{3}$	2001 10 22.2	01 47.32	−02 34.4	17.5	−0.81	− 4.0	4.3/18.2	18199
1998 YH$_{2}$	2001 10 22.2	01 47.43	+31 33.7	18.2	−1.03	− 4.1	6.6/28.5	18187
1998 XP$_{46}$	2001 10 22.2	01 47.48	+18 14.4	17.2	−1.08	− 3.9	3.0/24.2	16885
1999 JK$_{79}$	2001 10 22.2	01 47.67	−02 31.4	16.5	−0.81	− 2.1	4.3/18.5	18208
1999 BW$_{7}$	2001 10 22.3	01 47.60	+00 40.5	19.9	−0.94	− 7.1	4.1/19.1	10876
6755 P-L	2001 10 22.3	01 47.61	+11 28.6	18.2	−0.83	− 4.2	0.1/22.4	18512
1995 UX$_{25}$	2001 10 22.3	01 47.61	+06 39.9	20.7	−0.73	− 4.4	1.2/21.0	14742
2000 EV$_{48}$	2001 10 22.3	01 47.66	+14 50.7	17.9	−1.12	− 3.7	1.5/23.3	18239
2000 GC$_{108}$	2001 10 22.3	01 47.72	+03 22.4	17.2	−0.94	− 3.7	2.8/20.3	17292
2001 RY$_{80}$	2001 10 22.3	01 47.72	+08 21.6	17.3	−0.98	− 1.5	1.1/21.6	18047
1997 WU$_{39}$	2001 10 22.3	01 47.80	−13 38.3	16.9	−1.01	+ 1.5	10.2/16.4	16777
2601 P-L	2001 10 22.3	01 47.81	+09 11.9	18.2	−0.76	− 3.6	0.5/21.8	18511
1997 WR$_{18}$	2001 10 22.3	01 47.92	+06 20.5	17.9	−0.90	− 4.4	1.9/21.0	16774
2001 QO$_{28}$	2001 10 22.3	01 47.96	+07 55.6	16.8	−0.82	− 2.9	1.3/21.5	18370
1999 AV$_{6}$	2001 10 22.4	01 47.98	−01 39.9	17.6	−0.93	− 5.3	4.7/18.7	18189
2000 GQ$_{69}$	2001 10 22.4	01 48.02	+10 52.8	19.5	−1.07	− 5.8	0.1/22.3	18253
2000 HF$_{44}$	2001 10 22.4	01 48.05	+04 10.8	18.7	−1.04	− 5.6	2.7/20.5	18263
1981 ER$_{9}$	2001 10 22.4	01 48.05	+18 37.0	19.6	−0.77	− 4.1	2.0/24.7	5383
2000 HA$_{14}$	2001 10 22.4	01 48.23	+11 58.7	18.8	−1.00	− 4.9	0.3/22.7	18261
2001 OL$_{107}$	2001 10 22.4	01 48.25	+11 01.6	16.2	−0.71	− 8.4	0.1/22.4	17697
2000 JG$_{25}$	2001 10 22.4	01 48.30	+25 28.4	16.7	−0.98	− 6.6	6.8/27.0	18270
1999 GC$_{4}$	2001 10 22.4	01 48.34	+07 52.9	19.5	−0.84	− 8.6	1.1/21.4	2646
2001 QV$_{101}$	2001 10 22.4	01 48.36	−02 47.1	17.9	−0.74	−11.2	5.7/17.4	17864
1989 UP$_{5}$	2001 10 22.5	01 48.38	+08 36.1	18.8	−0.49	− 2.7	0.4/21.7	18131
2000 NU$_{19}$	2001 10 22.5	01 48.50	+32 23.0	18.5	−1.02	− 3.9	6.8/28.7	3946
2001 QE$_{296}$	2001 10 22.5	01 48.54	+15 30.8	17.9	−1.07	− 4.7	2.1/23.7	18005
1999 GX$_{4}$	2001 10 22.5	01 48.54	+07 31.3	18.4	−0.91	− 5.8	1.3/21.5	18203
4339 T-1	2001 10 22.5	01 48.66	+08 13.2	17.8	−1.05	− 2.9	1.1/21.8	18513
2000 HK$_{45}$	2001 10 22.5	01 48.76	+05 32.5	16.7	−0.88	− 7.6	2.6/20.8	18263
2000 ET$_{156}$	2001 10 22.5	01 48.80	+22 57.0	18.1	−1.10	− 5.0	4.7/26.0	17216

6008 P-L	2001 10 22.6	01 48.92	+09 28.3	19.0	−0.82	− 9.4	0.7/22.1	6142
1997 ST$_{26}$	2001 10 22.6	01 48.93	+14 10.2	18.0	−0.97	− 2.3	1.4/23.4	16764
2000 HG$_{79}$	2001 10 22.6	01 49.10	−16 05.0	19.2	−1.22	+ 2.8	10.2/17.3	1637
1999 CK$_{87}$	2001 10 22.6	01 49.13	+10 59.5	16.7	−1.03	− 3.5	11.7/03.0	18197
2000 KM$_{55}$	2001 10 22.6	01 49.14	+00 33.4	18.0	−0.97	− 3.9	3.9/19.8	18277
4043 P-L	2001 10 22.6	01 49.17	+08 35.9	17.2	−0.75	− 7.5	0.9/21.8	18511
1990 BA$_{1}$	2001 10 22.7	01 49.11	+20 50.6	17.2	−1.05	− 1.3	3.3/25.1	18131
2000 JC$_{31}$	2001 10 22.7	01 49.14	+06 37.6	16.5	−1.11	+ 2.2	2.0/21.8	18270
2001 QY$_{262}$	2001 10 22.7	01 49.14	+10 50.3	17.3	−1.12	+ 2.5	12.3/12.0	17985
2000 GD$_{73}$	2001 10 22.7	01 49.14	+11 03.9	18.8	−0.94	− 5.7	9.5/12.0	18253
2000 HM$_{76}$	2001 10 22.7	01 49.15	−01 13.6	18.1	−0.98	− 3.1	4.7/19.4	1637
1999 JO$_{87}$	2001 10 22.7	01 49.21	−03 01.4	17.7	−0.72	− 5.5	4.1/18.3	18208
1997 WF$_{58}$	2001 10 22.7	01 49.21	+03 21.3	17.4	−0.91	− 1.5	3.8/20.7	16780
1996 HC$_{16}$	2001 10 22.7	01 49.25	+08 13.3	17.1	−1.07	− 2.7	1.2/22.0	18144
2000 HO$_{30}$	2001 10 22.7	01 49.28	−14 48.6	17.5	−0.97	− 0.8	9.5/16.2	2774
2001 QD$_{28}$	2001 10 22.7	01 49.30	+08 10.9	16.5	−0.87	− 6.0	1.4/21.8	17775
2000 GY$_{135}$	2001 10 22.7	01 49.38	−00 29.1	18.5	−0.96	− 6.5	4.4/19.3	17302
2000 GV$_{99}$	2001 10 22.7	01 49.50	+16 17.6	17.7	−1.10	− 3.4	2.0/24.1	17287
1996 XV	2001 10 22.7	01 49.52	+10 31.2	18.7	−0.79	− 4.0	0.2/22.6	18147
1997 YY$_{3}$	2001 10 22.8	01 49.53	−21 30.1	16.1	−0.80	+ 0.9	14.3/13.4	18156
1999 GY$_{35}$	2001 10 22.8	01 49.55	+20 20.8	17.6	−0.91	− 2.3	2.9/25.3	16978
2000 GA$_{106}$	2001 10 22.8	01 49.55	+16 17.9	15.8	−0.94	− 7.6	2.3/24.4	18256
2000 LA$_{24}$	2001 10 22.8	01 49.69	+04 52.8	17.4	−0.77	−12.4	2.1/20.6	17427
2000 JG$_{16}$	2001 10 22.8	01 49.72	+06 02.5	17.6	−0.95	− 6.9	2.1/21.3	18269
2001 SU$_{54}$	2001 10 22.8	01 49.74	−00 39.9	18.6	−0.93	− 6.0	5.4/19.3	18087
2001 QL$_{28}$	2001 10 22.8	01 49.74	+09 17.8	17.2	−0.95	− 8.7	12.6/12.0	17776
2000 NF$_{14}$	2001 10 22.8	01 49.84	−06 48.8	19.4	−0.70	− 4.7	4.5/17.2	3641
2001 QD$_{297}$	2001 10 22.8	01 49.86	+12 50.8	17.4	−0.94	− 6.1	0.7/23.3	18006
2001 OT$_{104}$	2001 10 22.8	01 49.88	+02 43.5	16.9	−0.79	−10.7	3.2/19.9	17694
2000 QO$_{226}$	2001 10 22.8	01 49.90	+16 49.2	18.8	−0.76	− 6.5	1.6/24.6	17453
2000 JH$_{58}$	2001 10 22.9	01 49.87	−02 15.4	19.6	−0.89	− 2.9	4.3/19.3	3935
2001 SP$_{56}$	2001 10 22.9	01 49.88	+02 35.7	17.1	−0.90	− 8.1	4.0/20.2	18087
2000 HD$_{23}$	2001 10 22.9	01 49.90	+04 57.1	19.8	−1.08	− 3.6	2.6/21.3	5749
2000 GB$_{120}$	2001 10 22.9	01 49.95	+10 31.2	20.4	−0.99	− 6.4	9.8/12.0	774
1999 CP$_{20}$	2001 10 22.9	01 50.10	+09 55.0	17.6	−0.96	− 3.6	0.5/22.6	16924
1999 GT$_{5}$	2001 10 22.9	01 50.17	+10 36.0	17.6	−0.76	− 4.2	0.2/22.7	18203
2001 QJ$_{140}$	2001 10 22.9	01 50.30	+30 52.4	17.0	−1.09	− 2.2	6.9/28.3	17905
1998 AJ$_{3}$	2001 10 22.9	01 50.30	+07 02.0	17.6	−0.86	− 3.8	1.4/21.8	18157
2000 NW$_{2}$	2001 10 22.9	01 50.33	+30 29.2	20.1	−0.94	− 5.0	5.7/29.0	3943
2001 QN$_{248}$	2001 10 23.0	01 50.27	+13 55.1	17.6	−1.09	− 1.0	1.1/23.6	17976
1999 EG$_{7}$	2001 10 23.0	01 50.31	+03 13.4	19.1	−0.88	− 4.0	3.6/20.7	10343
2000 JE$_{14}$	2001 10 23.0	01 50.46	+06 24.0	18.1	−0.98	− 4.2	1.9/21.7	17363
1999 JL$_{41}$	2001 10 23.0	01 50.59	+09 47.6	18.1	−0.73	− 6.7	0.4/22.6	18207
2000 HU$_{8}$	2001 10 23.0	01 50.72	+05 19.8	18.8	−0.98	− 1.8	2.0/21.6	1622
1996 XT$_{14}$	2001 10 23.1	01 50.65	−38 15.4	18.4	−1.54	+12.0	25.6/16.5	*40313*
1997 WX$_{20}$	2001 10 23.1	01 50.67	−34 21.9	17.5	−1.52	+11.7	19.3/16.7	18154
2001 QS$_{73}$	2001 10 23.1	01 50.70	+14 11.3	17.5	−0.90	− 5.6	1.1/23.9	17835
2000 HW$_{89}$	2001 10 23.1	01 50.74	+10 00.9	17.3	−1.05	− 4.9	0.6/22.8	18267
1302 T-3	2001 10 23.1	01 50.83	+19 49.7	18.6	−0.52	− 3.5	1.5/25.9	18514
2000 CN$_{93}$	2001 10 23.1	01 50.88	+03 13.7	17.6	−1.00	− 4.7	3.0/21.0	18232
2000 OB$_{38}$	2001 10 23.1	01 50.90	+18 47.0	17.7	−0.74	− 6.3	2.1/25.5	18284
1996 VK$_{17}$	2001 10 23.1	01 51.05	+09 12.9	20.5	−0.78	− 3.9	0.6/22.6	6195
1999 JS$_{124}$	2001 10 23.2	01 51.04	+06 18.0	18.8	−0.77	− 3.1	1.4/21.8	2648
2000 HX$_{103}$	2001 10 23.2	01 51.05	−12 31.9	20.6	−0.89	− 2.4	7.5/16.8	18268
1997 XO$_{5}$	2001 10 23.2	01 51.09	−00 08.9	17.6	−0.82	− 2.1	5.7/20.1	16781
1999 CG$_{103}$	2001 10 23.2	01 51.13	−04 58.8	17.5	−0.82	− 6.5	5.3/18.2	18198
2001 RC$_{49}$	2001 10 23.2	01 51.14	−23 59.6	17.8	−1.19	+ 4.2	12.5/15.7	18030
1998 YL$_{10}$	2001 10 23.2	01 51.18	+07 08.7	19.4	−1.00	− 5.5	1.6/22.0	3900
2001 QH$_{179}$	2001 10 23.2	01 51.27	+19 24.0	16.7	−1.11	− 0.4	3.7/25.1	17933
1996 VL$_{18}$	2001 10 23.2	01 51.28	+02 45.5	18.8	−0.73	− 5.9	2.4/20.6	18146
1997 HW	2001 10 23.2	01 51.33	+09 31.1	17.2	−1.05	− 2.2	1.0/22.8	18148
2000 HX$_{33}$	2001 10 23.2	01 51.33	+06 19.3	19.2	−1.01	− 6.2	2.0/21.8	18262
2001 QV$_{31}$	2001 10 23.2	01 51.36	+03 07.5	15.8	−1.04	− 0.6	3.6/21.3	17783
2000 KX$_{58}$	2001 10 23.2	01 51.46	+07 10.4	17.0	−0.78	−11.4	1.7/21.8	17413
1998 FE$_{18}$	2001 10 23.3	01 51.39	+10 45.5	18.6	−0.77	− 4.0	0.2/23.1	18160
2000 LR$_{1}$	2001 10 23.3	01 51.46	+25 56.3	18.3	−0.85	− 4.4	4.8/27.7	18279
1999 CX$_{94}$	2001 10 23.3	01 51.51	+16 18.8	17.8	−1.05	− 2.8	1.8/24.6	16942
1999 JU$_{79}$	2001 10 23.3	01 51.57	−25 22.9	19.1	−0.75	− 2.7	8.4/11.2	18208
1994 TG$_{9}$	2001 10 23.3	01 51.69	+09 52.8	18.2	−0.95	− 7.7	0.6/22.9	18138
2000 GV$_{115}$	2001 10 23.3	01 51.69	+11 14.4	18.0	−1.09	− 0.8	0.1/23.3	17296
1997 WR	2001 10 23.3	01 51.73	+08 52.8	17.2	−0.93	− 3.1	1.1/22.7	16770
2000 EK$_{111}$	2001 10 23.3	01 51.87	+02 27.0	18.8	−1.09	− 3.0	3.4/21.2	18242
2001 QF$_{91}$	2001 10 23.3	01 51.87	+64 17.9	16.9	−1.94	+14.5	29.2/02.6	17852
2000 JS$_{32}$	2001 10 23.4	01 51.81	+18 16.4	19.6	−1.02	− 6.6	2.5/25.4	7033
1992 DX$_{7}$	2001 10 23.4	01 51.89	+12 29.4	18.3	−0.81	− 3.2	0.3/23.7	18133
1999 JD$_{29}$	2001 10 23.4	01 51.90	+15 13.6	16.7	−0.96	− 0.5	1.3/24.3	16988
1999 CF$_{2}$	2001 10 23.4	01 51.97	+09 27.2	18.4	−1.10	− 2.2	0.9/22.9	18194
1981 EL$_{29}$	2001 10 23.4	01 52.06	+09 05.0	18.4	−0.92	− 7.3	0.9/22.7	18129
2000 HJ$_{32}$	2001 10 23.4	01 52.13	+15 37.9	16.8	−0.73	−13.7	1.7/25.0	17331
2000 OJ$_{32}$	2001 10 23.5	01 52.21	+18 19.0	19.0	−0.76	− 5.1	1.8/25.6	18284
2001 SM$_{56}$	2001 10 23.5	01 52.27	+01 21.7	17.6	−0.73	− 6.1	3.8/20.3	18087
1994 PO$_{23}$	2001 10 23.5	01 52.38	+13 51.6	17.6	−1.00	− 4.9	1.1/24.2	18137
2001 QA$_{83}$	2001 10 23.5	01 52.40	+21 22.6	17.7	−0.93	− 6.6	4.8/26.6	17845
2001 SV$_{4}$	2001 10 23.5	01 52.62	−01 24.8	18.3	−0.89	− 5.8	6.3/19.8	18073
2000 JS$_{59}$	2001 10 23.6	01 52.55	+21 05.6	17.8	−1.04	− 4.8	4.0/26.3	17386
1988 RP$_{12}$	2001 10 23.6	01 52.55	+07 05.6	18.5	−0.48	− 3.0	0.8/22.2	18130
2729 P-L	2001 10 23.6	01 52.56	+10 05.2	18.4	−0.89	− 6.2	0.5/23.2	18511
2000 GA$_{80}$	2001 10 23.6	01 52.58	−07 21.7	17.3	−0.85	− 6.9	6.9/17.7	17278
1999 AV$_{4}$	2001 10 23.6	01 52.59	+07 23.6	17.1	−1.01	− 4.7	1.6/22.5	18189
2000 QZ$_{165}$	2001 10 23.6	01 52.63	+16 32.9	17.7	−0.54	− 4.0	1.0/25.2	17448
1997 WU$_{49}$	2001 10 23.6	01 52.81	+07 26.3	16.6	−0.88	− 5.4	1.7/22.5	16779
2001 SH$_{106}$	2001 10 23.6	01 52.94	+24 37.8	18.1	−0.95	− 1.3	3.9/27.1	18094
1998 HC$_{33}$	2001 10 23.7	01 53.02	+16 23.7	18.6	−0.92	− 0.8	1.5/24.9	16813
2000 EE$_{4}$	2001 10 23.7	01 53.05	+12 58.7	17.3	−0.98	− 7.7	0.6/24.1	18237
2000 FA$_{50}$	2001 10 23.7	01 53.11	+16 38.3	18.4	−0.89	− 9.7	1.6/25.4	18249
2000 LH$_{17}$	2001 10 23.7	01 53.12	−00 38.3	17.4	−0.93	− 7.0	4.8/20.0	18280
2000 FD$_{20}$	2001 10 23.7	01 53.21	−05 05.2	18.3	−0.96	− 5.0	6.3/19.1	18247
2001 OW$_{104}$	2001 10 23.7	01 53.24	+03 01.6	17.2	−0.78	− 9.5	3.2/20.9	17694
2001 QW$_{101}$	2001 10 23.7	01 53.28	+11 32.4	17.0	−0.96	− 3.7	0.0/23.8	17864
2000 LG$_{9}$	2001 10 23.7	01 53.33	+05 34.6	18.4	−0.94	− 5.0	2.0/22.1	18280
2000 GQ$_{166}$	2001 10 23.7	01 53.35	−09 57.4	18.5	−1.04	− 0.6	7.9/18.7	2772
3056 P-L	2001 10 23.7	01 53.39	+23 52.1	19.2	−1.03	− 5.6	4.3/27.4	*34264*

2000 LR$_{24}$	2001 10 23.8	01 53.33	−24 34.7	19.3	−0.88	− 2.6	10.8/12.7	18281
2000 HM$_{52}$	2001 10 23.8	01 53.36	+13 26.6	19.2	−0.95	− 7.9	0.7/24.4	2775
2000 DV$_{3}$	2001 10 23.8	01 53.39	−39 31.2	17.2	−1.17	+ 2.4	23.8/08.0	2376
1997 PC$_{5}$	2001 10 23.8	01 53.40	+11 51.9	18.5	−0.98	− 6.1	0.1/23.9	18150
2000 GS$_{55}$	2001 10 23.8	01 53.45	+07 58.0	18.1	−0.99	− 7.6	1.4/22.8	17266
2001 QB$_{83}$	2001 10 23.8	01 53.56	+17 25.6	16.5	−0.95	− 7.5	2.7/25.6	17845
1981 EC$_{7}$	2001 10 23.8	01 53.59	+22 37.9	19.7	−0.67	− 3.2	2.4/27.2	5383
2000 SP$_{93}$	2001 10 23.8	01 53.60	−02 11.2	18.1	−0.49	− 6.0	2.5/19.1	18292
2001 QN$_{264}$	2001 10 23.8	01 53.67	+09 04.1	16.5	−1.15	+ 6.0	1.4/23.5	17986
1999 KQ$_{14}$	2001 10 23.9	01 53.85	−10 23.8	17.7	−0.83	− 1.1	6.2/17.9	18209
2001 QH$_{84}$	2001 10 23.9	01 53.90	+28 21.3	17.5	−1.14	+ 0.1	6.3/27.9	17846
1999 CE$_{10}$	2001 10 23.9	01 53.90	+02 38.7	18.0	−1.02	− 4.5	3.5/21.6	18194
2000 JJ$_{54}$	2001 10 23.9	01 53.91	+05 58.7	18.4	−1.02	− 3.8	2.1/22.5	17384
4900 P-L	2001 10 23.9	01 54.01	+09 35.1	18.3	−0.76	− 3.4	0.6/23.4	18512
2000 FU$_{28}$	2001 10 23.9	01 54.01	+13 52.3	18.6	−0.98	− 7.4	0.8/24.6	18247
2000 GL$_{90}$	2001 10 23.9	01 54.08	−02 17.8	18.0	−0.97	− 4.2	5.5/20.2	17283
1999 CH$_{25}$	2001 10 23.9	01 54.11	+08 57.6	18.5	−1.00	− 4.4	1.0/23.3	16925
1999 FU$_{5}$	2001 10 24.0	01 54.36	+20 13.0	18.2	−0.99	− 4.7	2.9/26.5	16961
1999 CJ$_{80}$	2001 10 24.0	01 54.46	+15 34.3	17.2	−0.88	− 8.0	1.5/25.3	18197
1996 TZ$_{20}$	2001 10 24.0	01 54.49	+13 32.2	17.7	−0.84	− 4.4	0.6/24.6	18145
1998 YX$_{7}$	2001 10 24.1	01 54.62	−02 17.9	17.9	−0.97	− 4.3	6.0/20.2	18187
2001 QC$_{29}$	2001 10 24.1	01 54.64	+21 47.1	16.0	−1.10	+ 3.0	3.9/26.2	17776
2001 RJ$_{79}$	2001 10 24.1	01 54.71	+14 48.5	17.8	−1.18	+ 0.4	1.3/24.8	18046
2212 T-2	2001 10 24.1	01 54.85	+11 51.7	18.1	−0.87	− 4.1	0.0/24.2	18513
2000 KD$_{8}$	2001 10 24.1	01 54.89	+08 02.1	18.0	−0.87	− 5.6	1.2/23.1	18275
1995 FB	2001 10 24.2	01 54.91	+29 08.1	18.5	−1.13	− 1.0	6.3/28.7	16724
2000 OD$_{23}$	2001 10 24.2	01 55.06	−05 00.4	15.7	−0.84	− 3.8	5.9/19.4	17436
2000 GX$_{96}$	2001 10 24.2	01 55.10	+17 02.6	17.5	−0.89	− 9.8	1.8/26.0	18255
2000 KJ$_{62}$	2001 10 24.2	01 55.11	−28 21.8	18.3	−1.19	+ 5.1	14.7/16.3	17415
2001 RE$_{79}$	2001 10 24.2	01 55.26	+15 07.5	18.3	−1.15	+ 2.1	1.4/25.0	18046
2001 SQ$_{106}$	2001 10 24.2	01 55.29	+22 27.8	18.1	−1.08	− 4.0	4.4/27.2	18095
1997 TL$_{17}$	2001 10 24.3	01 55.22	+20 18.9	17.2	−0.81	−11.3	3.5/27.3	18152
1999 FG$_{10}$	2001 10 24.3	01 55.24	+06 59.2	18.3	−0.87	− 6.0	1.6/22.9	18201
1999 CH$_{92}$	2001 10 24.3	01 55.24	+06 57.3	17.2	−1.05	− 1.2	2.2/23.2	18197
2000 GK$_{61}$	2001 10 24.3	01 55.24	+10 09.6	17.6	−0.94	− 6.7	0.8/23.8	18252
2000 GA$_{34}$	2001 10 24.3	01 55.36	+10 19.0	18.3	−0.93	− 8.6	0.6/23.9	17257
1999 FK$_{25}$	2001 10 24.3	01 55.48	+05 39.7	17.3	−0.93	− 2.1	2.2/22.8	16965
1995 MO$_{5}$	2001 10 24.3	01 55.49	+01 04.6	17.3	−0.78	− 6.6	4.0/21.0	16727
2000 HS$_{53}$	2001 10 24.3	01 55.56	+07 47.9	21.0	−1.02	− 4.3	1.5/23.3	5753
2000 KV$_{46}$	2001 10 24.4	01 55.60	+06 31.6	18.5	−0.83	− 6.8	1.7/22.8	17409
1999 FX$_{38}$	2001 10 24.4	01 55.61	+02 25.5	18.2	−0.75	− 5.8	2.7/21.5	18203
2000 JK$_{34}$	2001 10 24.4	01 55.70	+16 54.3	18.6	−1.07	− 5.3	2.1/25.8	17374
1999 CL$_{2}$	2001 10 24.4	01 55.72	+22 00.2	17.1	−0.95	− 6.6	4.8/27.5	18194
2001 QL$_{296}$	2001 10 24.4	01 55.76	+19 05.7	18.0	−1.12	+ 2.3	3.3/25.9	18005
2000 GG$_{92}$	2001 10 24.4	01 55.89	+00 50.6	18.4	−0.96	− 7.3	4.2/21.2	1606
1999 LT$_{3}$	2001 10 24.4	01 55.95	−29 26.0	19.0	−0.83	− 0.8	11.0/11.3	17008
1999 PJ$_{4}$	2001 10 24.4	01 55.98	+47 30.9	19.4	−0.83	− 0.3	6.3/05.3	5588
2000 HW$_{12}$	2001 10 24.4	01 56.06	+07 29.6	19.1	−1.03	− 1.0	1.5/23.5	1623
1993 FS$_{77}$	2001 10 24.5	01 56.01	+14 47.0	17.7	−0.80	− 3.7	0.9/25.3	16708
2000 JW$_{58}$	2001 10 24.5	01 56.01	+13 32.8	16.0	−0.73	−12.6	0.7/25.1	18272
2000 HW$_{72}$	2001 10 24.5	01 56.07	−05 01.0	16.6	−0.84	− 8.5	7.6/19.1	17345
2001 QC$_{99}$	2001 10 24.5	01 56.17	+23 30.5	17.4	−1.07	− 2.1	4.6/28.0	17860
2000 JN$_{59}$	2001 10 24.6	01 56.36	+26 44.4	17.4	−1.14	− 2.4	5.8/28.6	18272
2001 SW$_{154}$	2001 10 24.6	01 56.40	+17 04.5	18.0	−1.15	+ 0.7	2.1/25.7	18096
2000 HP$_{49}$	2001 10 24.6	01 56.43	+10 53.8	16.6	−0.86	− 6.3	0.5/24.3	18264
1993 UN$_{4}$	2001 10 24.6	01 56.47	+01 05.0	17.4	−0.74	− 6.9	5.1/21.2	16713
2000 GF$_{134}$	2001 10 24.6	01 56.61	+00 45.2	17.7	−0.94	− 7.4	4.1/21.3	18258
1998 XV$_{11}$	2001 10 24.6	01 56.70	+42 24.4	18.7	−1.18	− 6.7	9.3/03.9	18184
2000 EH$_{128}$	2001 10 24.7	01 56.78	+06 06.8	17.9	−1.03	− 5.1	2.3/23.2	18243
2000 KM$_{61}$	2001 10 24.7	01 56.91	+14 35.4	17.9	−0.84	−10.7	1.0/25.6	17415
2000 HT$_{11}$	2001 10 24.7	01 57.07	+14 03.8	20.5	−1.01	− 6.2	0.7/25.4	3576
1993 FZ$_{14}$	2001 10 24.7	01 57.18	+03 49.6	19.3	−0.73	− 4.3	2.2/22.4	18134
3315 T-3	2001 10 24.8	01 57.26	+08 34.6	17.7	−0.86	− 3.9	1.2/23.9	18121
2000 LC$_{31}$	2001 10 24.8	01 57.27	−03 40.3	18.3	−0.97	− 2.9	6.0/20.8	2796
2000 GM$_{42}$	2001 10 24.8	01 57.30	+19 22.8	15.9	−1.20	+ 2.2	4.0/26.3	18251
2001 RJ$_{46}$	2001 10 24.8	01 57.35	+10 26.4	17.0	−0.80	− 7.1	0.7/24.4	18029
1998 DL$_{4}$	2001 10 24.8	01 57.36	+33 09.7	18.1	−1.00	− 2.9	7.0/30.8	18158
2000 GX$_{99}$	2001 10 24.8	01 57.43	+14 58.7	17.1	−0.99	− 5.8	1.3/25.7	18255
1994 GH	2001 10 24.8	01 57.46	+03 05.7	18.9	−1.02	− 7.6	4.1/22.3	16715
1999 BG$_{10}$	2001 10 24.8	01 57.51	−00 22.9	18.1	−0.83	− 4.9	3.9/21.3	18192
1999 CC$_{76}$	2001 10 24.9	01 57.55	+34 35.2	18.3	−1.09	− 3.1	7.6/31.5	16936
2000 GA$_{26}$	2001 10 24.9	01 57.59	+07 26.3	20.2	−0.97	− 8.6	1.8/23.5	17254
1997 UN$_{7}$	2001 10 24.9	01 57.60	+06 15.1	17.7	−0.90	− 4.5	2.4/23.3	18152
1993 UG$_{6}$	2001 10 24.9	01 57.60	+01 24.4	17.5	−0.86	− 6.7	3.7/21.7	18136
1994 LP	2001 10 24.9	01 57.63	+48 01.4	19.1	−1.09	− 2.2	9.9/05.3	18137
2000 SX$_{186}$	2001 10 24.9	01 57.87	+13 50.2	18.5	−0.48	− 5.4	0.3/25.6	18293
2000 FY$_{49}$	2001 10 24.9	01 57.93	+15 20.0	17.3	−1.01	− 4.9	1.3/25.9	18249
1996 KD	2001 10 25.0	01 57.89	+06 31.5	17.8	−0.96	− 4.5	1.9/23.5	18144
1995 SE$_{17}$	2001 10 25.0	01 57.99	+11 56.9	18.0	−0.81	− 4.3	0.0/25.0	18140
2000 GZ$_{66}$	2001 10 25.0	01 58.08	+14 58.5	18.7	−1.15	− 3.0	1.2/25.8	1601
1998 GF$_{5}$	2001 10 25.0	01 58.27	−12 49.0	17.9	−0.76	− 4.3	7.8/17.1	16807
1999 FS$_{50}$	2001 10 25.1	01 58.31	+27 53.4	19.7	−1.04	− 2.3	5.0/29.3	16972
2000 JC$_{20}$	2001 10 25.1	01 58.34	+18 57.4	18.3	−1.09	− 5.8	2.6/27.0	2524
2000 GJ$_{107}$	2001 10 25.1	01 58.36	+08 00.9	18.0	−1.01	− 4.1	1.5/24.1	17291
1993 HE$_{1}$	2001 10 25.1	01 58.44	+12 43.9	18.4	−1.08	− 3.3	0.2/25.3	18135
2001 QY$_{178}$	2001 10 25.1	01 58.52	+01 15.3	17.3	−0.90	− 6.1	4.5/22.0	17933
1998 UJ$_{16}$	2001 10 25.1	01 58.56	−00 05.4	16.1	−0.97	− 3.7	5.6/21.9	18177
1992 AQ	2001 10 25.1	01 58.58	−32 12.6	19.3	−1.14	− 0.9	16.4/08.9	18133
1996 LX$_{2}$	2001 10 25.1	01 58.61	+05 11.4	18.6	−0.91	− 7.4	2.6/23.1	18144
2001 QE$_{138}$	2001 10 25.1	01 58.63	+23 12.6	16.3	−1.06	− 4.4	4.1/28.2	17903
1994 GD$_{1}$	2001 10 25.1	01 58.69	+02 01.7	18.5	−0.81	− 2.6	2.6/22.5	18137
2000 HG$_{41}$	2001 10 25.2	01 58.77	−05 47.6	18.9	−0.94	− 2.2	5.7/20.7	2774
2001 QR$_{73}$	2001 10 25.2	01 58.79	+11 58.8	16.4	−0.84	− 8.9	0.1/25.2	17835
2000 SD$_{234}$	2001 10 25.2	01 58.81	+24 49.6	17.3	−0.68	− 0.1	2.3/28.7	18293
2000 HA$_{36}$	2001 10 25.2	01 58.89	−02 16.0	17.1	−0.82	− 9.1	5.4/20.6	18263
2000 GJ$_{158}$	2001 10 25.2	01 58.96	+06 56.7	18.0	−1.09	− 3.6	2.2/24.0	17309
1993 FP$_{19}$	2001 10 25.2	01 59.08	+01 29.3	19.2	−0.75	− 5.1	3.2/22.1	*34500*
2000 HE$_{90}$	2001 10 25.2	01 59.08	+10 05.9	17.7	−0.96	− 3.4	0.8/24.8	17354
2000 HA$_{15}$	2001 10 25.3	01 59.02	+01 18.3	17.3	−0.99	− 1.0	5.1/22.8	18261
2000 ND$_{23}$	2001 10 25.3	01 59.03	+29 29.7	18.0	−0.83	− 3.1	4.8/30.4	18282
3040 T-3	2001 10 25.3	01 59.19	+13 20.9	17.1	−0.62	− 0.5	0.2/25.7	18514
1999 GG$_{6}$	2001 10 25.3	01 59.33	+03 00.2	18.4	−0.79	− 6.5	2.9/22.6	18203

1995 UC$_{61}$	2001 10 25.3	01 59.35	−00 38.1	20.9	−0.67	− 6.9	2.9/21.2	15575
2000 JR$_{56}$	2001 10 25.3	01 59.49	+05 07.9	18.6	−0.91	− 4.8	2.4/23.5	1357
2000 GY$_{80}$	2001 10 25.4	01 59.51	+10 44.4	18.3	−1.08	− 3.1	0.6/25.1	17278
1992 EL$_{9}$	2001 10 25.4	01 59.53	+03 05.1	17.5	−0.78	− 3.9	2.9/22.8	18133
2000 QG$_{199}$	2001 10 25.4	01 59.72	+06 03.7	18.9	−0.63	− 3.0	1.4/23.7	18289
2000 OB$_{36}$	2001 10 25.4	01 59.74	−14 43.8	18.2	−0.77	− 2.3	7.8/17.7	18284
2000 GT$_{34}$	2001 10 25.4	01 59.77	+15 13.9	17.7	−1.10	− 2.1	1.5/26.2	17257
2000 KK$_{31}$	2001 10 25.4	01 59.86	+16 29.1	18.0	−1.01	− 6.1	1.5/26.7	18276
2001 SW$_{4}$	2001 10 25.4	01 59.88	−05 48.3	16.7	−1.02	+ 1.4	9.2/21.8	18073
1999 JL$_{26}$	2001 10 25.5	01 59.96	+07 43.9	18.0	−0.88	− 3.9	1.5/24.3	18206
1997 SL$_{17}$	2001 10 25.5	02 00.06	+27 39.6	16.9	−1.16	+ 2.3	7.7/28.7	18151
2000 QV$_{213}$	2001 10 25.5	02 00.09	+17 15.7	17.7	−0.66	− 2.8	1.1/27.0	17451
1999 CY$_{109}$	2001 10 25.5	02 00.14	+15 36.9	18.0	−0.90	− 8.4	1.4/26.6	16944
1998 FP$_{70}$	2001 10 25.5	02 00.14	+10 26.1	19.4	−0.71	− 3.7	0.4/25.1	18161
2001 QL$_{140}$	2001 10 25.5	02 00.15	+22 05.6	17.7	−0.81	− 6.6	3.2/28.7	17905
2000 HL$_{9}$	2001 10 25.6	02 00.18	+09 24.9	17.6	−0.93	− 3.5	1.1/24.9	17319
1999 JJ$_{6}$	2001 10 25.6	02 00.23	−41 07.9	18.0	−1.21	+ 3.0	16.1/08.0	*34981*
2001 QA$_{74}$	2001 10 25.6	02 00.26	+17 16.7	17.7	−1.12	− 4.5	2.3/26.9	17835
2001 QJ$_{84}$	2001 10 25.6	02 00.28	+30 23.1	17.5	−1.00	− 1.0	6.5/30.4	17847
2000 HU$_{13}$	2001 10 25.6	02 00.32	+10 26.3	19.7	−0.98	− 3.2	0.6/25.2	18261
1998 AO$_{9}$	2001 10 25.6	02 00.46	+11 25.0	17.9	−0.85	− 3.5	0.3/25.4	18157
1995 QA$_{13}$	2001 10 25.6	02 00.51	+11 29.5	19.7	−0.73	− 5.4	0.2/25.4	15011
2000 GH$_{67}$	2001 10 25.6	02 00.56	+12 28.1	17.6	−0.99	− 5.5	0.1/25.7	18253
1999 JB$_{6}$	2001 10 25.6	02 00.56	+05 44.4	18.7	−0.88	− 2.5	2.0/24.0	*35736*
2000 HL$_{37}$	2001 10 25.7	02 00.58	−10 13.3	18.1	−0.85	− 4.4	7.6/19.3	18263
2000 NZ$_{28}$	2001 10 25.7	02 00.61	+13 42.7	19.5	−0.80	− 4.3	0.4/26.1	18282
2001 QN$_{296}$	2001 10 25.7	02 00.63	+12 44.7	17.4	−1.11	− 0.1	0.2/25.8	18005
1993 FV$_{49}$	2001 10 25.7	02 00.66	+13 44.1	17.3	−0.80	− 4.5	0.5/26.1	18135
1999 CL$_{62}$	2001 10 25.7	02 00.69	+35 01.3	17.1	−1.06	− 5.2	7.6/02.0	18196
2000 FR$_{47}$	2001 10 25.7	02 00.80	−06 41.6	17.6	−0.87	− 7.3	8.2/19.9	17243
2001 QP$_{31}$	2001 10 25.7	02 00.89	−07 37.9	15.6	−0.71	− 7.8	10.2/19.1	17783
2000 JZ$_{85}$	2001 10 25.7	02 00.93	−09 28.9	17.9	−0.80	− 3.2	7.9/19.7	17396
1999 AN$_{37}$	2001 10 25.7	02 00.93	+09 46.8	18.6	−1.03	− 5.2	1.0/25.1	18191
1999 FF$_{26}$	2001 10 25.7	02 00.95	+17 06.6	18.5	−0.92	− 5.2	1.5/27.1	18202
1999 FW$_{22}$	2001 10 25.7	02 00.98	+32 33.2	16.2	−1.18	− 0.7	8.1/31.1	18202
1996 FT$_{10}$	2001 10 25.8	02 00.99	+14 02.9	18.4	−1.13	− 1.7	0.7/26.2	16735
2000 GR$_{78}$	2001 10 25.8	02 01.04	+11 30.4	17.5	−0.98	− 3.4	0.3/25.6	17276
2000 LW$_{5}$	2001 10 25.8	02 01.05	+16 01.6	19.2	−0.99	− 5.0	1.3/26.8	18279
1996 VW$_{27}$	2001 10 25.8	02 01.16	+10 09.4	21.5	−0.80	− 4.3	0.6/25.2	1912
2001 QV$_{28}$	2001 10 25.8	02 01.29	+10 45.3	16.7	−0.77	− 4.4	0.6/25.4	17776
2001 QK$_{79}$	2001 10 25.8	02 01.35	+18 00.2	18.0	−0.89	− 1.8	1.7/27.3	17840
2000 FW$_{12}$	2001 10 25.9	02 01.34	+06 14.4	18.0	−1.02	− 6.1	2.5/24.2	18246
2000 GO$_{159}$	2001 10 25.9	02 01.43	+23 54.4	17.4	−1.08	− 5.2	4.5/29.2	18259
1999 EG$_{6}$	2001 10 25.9	02 01.44	+19 42.1	19.2	−1.11	− 0.8	2.6/27.6	*35085*
2000 JY$_{61}$	2001 10 25.9	02 01.46	+19 15.8	18.3	−0.97	− 6.7	2.3/28.0	17388
2000 OR$_{34}$	2001 10 25.9	02 01.47	−04 32.0	17.8	−0.72	− 5.8	4.7/20.7	18284
2001 QZ$_{163}$	2001 10 25.9	02 01.52	+20 37.0	18.4	−0.87	− 2.2	2.4/28.1	17924
1998 FO$_{119}$	2001 10 25.9	02 01.54	+10 32.3	19.1	−0.79	− 3.9	0.5/25.4	18161
2000 GC$_{101}$	2001 10 25.9	02 01.77	+20 03.5	17.0	−1.09	− 5.4	3.0/28.1	18256
2000 JT$_{61}$	2001 10 26.0	02 01.72	+06 38.8	17.8	−0.98	− 3.4	2.0/24.5	18273
2000 GB$_{93}$	2001 10 26.0	02 01.74	−04 02.3	16.1	−0.96	− 1.3	8.2/22.1	17284
1996 HZ$_{25}$	2001 10 26.0	02 01.75	+08 46.8	19.4	−0.46	− 3.1	0.6/24.9	18144
2000 HX$_{23}$	2001 10 26.0	02 01.84	−02 31.0	16.8	−0.96	− 2.3	7.2/22.3	17327
2000 EO$_{97}$	2001 10 26.0	02 01.86	+16 02.0	19.1	−1.07	− 3.8	1.2/27.0	18241
2001 SP$_{106}$	2001 10 26.0	02 01.86	+15 28.5	17.4	−0.81	−13.3	1.1/27.1	18095
2000 OS$_{17}$	2001 10 26.0	02 01.90	+34 28.9	18.2	−1.07	− 3.1	7.0/01.3	3952
2000 FR$_{25}$	2001 10 26.0	02 01.93	+15 33.1	17.1	−1.28	+ 1.7	1.4/26.7	18247
1999 FJ$_{33}$	2001 10 26.0	02 02.05	+07 23.7	18.0	−0.85	− 5.4	1.6/24.6	16968
1999 JH$_{61}$	2001 10 26.0	02 02.05	+17 01.6	17.8	−0.73	− 6.6	1.2/27.5	18207
2000 GZ$_{122}$	2001 10 26.0	02 02.13	+06 34.6	19.1	−0.91	−12.4	2.0/24.1	17298
1999 DA$_{2}$	2001 10 26.0	02 02.14	+07 12.0	18.4	−0.93	− 3.5	1.7/24.7	18199
2001 OZ$_{101}$	2001 10 26.0	02 02.19	+35 18.4	16.1	−1.04	− 3.7	9.9/02.2	17691
2000 GZ$_{93}$	2001 10 26.1	02 02.11	−04 22.1	19.4	−0.89	− 6.4	5.5/21.2	1607
1999 CA$_{52}$	2001 10 26.1	02 02.18	+09 23.1	18.3	−0.92	− 3.3	1.0/25.3	18196
2000 HG$_{76}$	2001 10 26.1	02 02.34	+09 08.9	20.0	−0.98	− 5.8	1.1/25.2	5754
2000 SV$_{62}$	2001 10 26.1	02 02.34	+29 18.1	19.3	−0.64	− 0.8	2.9/31.0	18292
2000 JL$_{76}$	2001 10 26.1	02 02.37	+11 12.6	18.6	−0.98	− 5.9	0.4/25.8	17393
1269 T-1	2001 10 26.1	02 02.37	+23 13.2	17.9	−1.01	− 1.8	4.0/28.9	18512
1988 SJ$_{3}$	2001 10 26.1	02 02.40	−12 35.4	18.6	−0.55	− 1.1	4.6/18.7	18131
1998 XM$_{93}$	2001 10 26.1	02 02.53	−00 52.1	17.6	−0.92	− 5.2	4.4/22.4	16892
2001 RK$_{79}$	2001 10 26.1	02 02.56	+06 23.1	18.9	−0.94	− 8.6	2.4/24.4	18046
2000 NZ$_{2}$	2001 10 26.2	02 02.48	−24 39.1	18.2	−1.02	− 3.1	12.7/14.4	18282
1999 BB$_{8}$	2001 10 26.2	02 02.56	+02 23.8	18.1	−0.93	− 6.4	4.1/23.3	16912
1999 FH$_{3}$	2001 10 26.2	02 02.56	+09 54.1	19.3	−0.91	− 5.8	0.9/25.5	*35086*
2000 JZ$_{36}$	2001 10 26.2	02 02.61	+16 32.4	18.2	−0.96	− 5.2	1.5/27.4	17375
2001 QS$_{28}$	2001 10 26.2	02 02.64	+05 22.2	16.9	−0.78	− 8.0	2.8/24.0	18370
2001 QB$_{297}$	2001 10 26.2	02 02.66	+13 21.6	17.3	−1.09	− 1.5	0.4/26.4	18006
2000 JW$_{77}$	2001 10 26.2	02 02.67	+21 57.1	18.1	−1.06	− 6.9	3.6/29.0	18274
1998 DL$_{27}$	2001 10 26.2	02 02.74	+16 16.0	18.4	−0.82	− 3.1	1.1/27.3	18159
2000 LH$_{3}$	2001 10 26.2	02 02.74	+04 53.6	16.5	−0.78	− 8.0	2.9/23.9	18279
1999 GG	2001 10 26.2	02 02.86	+12 03.0	17.7	−0.80	− 4.3	0.1/26.2	18203
2000 EW$_{6}$	2001 10 26.2	02 02.88	+15 48.7	17.1	−1.16	− 2.3	1.5/27.1	17180
2000 JH$_{76}$	2001 10 26.2	02 02.92	+09 48.9	19.2	−0.97	− 5.4	0.9/25.6	1368
1992 EL$_{7}$	2001 10 26.3	02 02.98	−14 05.7	17.4	−0.72	− 5.6	8.5/17.3	16704
2000 SV$_{289}$	2001 10 26.3	02 03.04	+22 36.9	19.2	−0.53	− 2.1	1.6/29.4	18294
2000 LO$_{33}$	2001 10 26.3	02 03.04	+10 35.3	20.3	−0.94	− 8.1	0.7/25.8	3941
1999 PY$_{3}$	2001 10 26.3	02 03.07	−16 28.8	18.9	−0.49	− 3.2	4.9/16.7	18210
1996 JW$_{8}$	2001 10 26.3	02 03.08	+00 46.5	18.1	−0.87	− 6.4	5.0/22.8	18144
1981 EU$_{37}$	2001 10 26.3	02 03.09	+18 16.8	19.7	−0.88	− 5.9	2.1/28.0	*22430*
2000 QY$_{151}$	2001 10 26.3	02 03.09	+21 10.0	19.0	−0.56	− 2.4	1.6/29.0	18287
2001 QT$_{31}$	2001 10 26.3	02 03.14	−10 18.3	15.8	−0.74	− 7.9	9.4/18.5	17783
2000 HG$_{90}$	2001 10 26.3	02 03.17	+09 44.9	17.4	−0.87	− 5.9	1.2/25.6	17354
2001 SC$_{64}$	2001 10 26.3	02 03.17	+09 53.4	17.6	−0.95	− 1.6	1.0/25.7	18089
2001 QK$_{284}$	2001 10 26.3	02 03.28	−06 22.2	16.1	−0.78	− 3.8	6.4/20.9	17997
2000 GS$_{80}$	2001 10 26.3	02 03.29	+12 10.2	18.2	−1.02	− 7.4	0.2/26.3	17278
2001 QO$_{296}$	2001 10 26.3	02 03.31	+11 01.2	17.9	−1.12	− 1.6	0.7/26.0	18005
1992 RO$_{2}$	2001 10 26.4	02 03.26	−02 00.2	18.7	−0.80	− 7.8	5.0/21.8	*25331*
2000 HT$_{76}$	2001 10 26.4	02 03.32	+01 58.3	18.5	−0.97	− 2.7	3.6/23.8	17348
2000 GG$_{7}$	2001 10 26.4	02 03.36	+10 44.5	17.9	−1.07	− 3.4	0.8/26.0	18250
1981 EJ$_{21}$	2001 10 26.4	02 03.48	+03 08.3	20.2	−0.59	− 4.0	1.9/23.6	*26919*
1998 BY$_{28}$	2001 10 26.4	02 03.51	+37 20.2	19.9	−0.92	− 3.1	6.2/03.0	4902
2000 JH$_{6}$	2001 10 26.4	02 03.60	+13 54.7	17.3	−0.99	− 6.1	0.7/26.9	18268

1997 LO$_5$	2001 10 26.4	02 03.66	+05 20.9	20.7	−0.48	−3.9	1.3/24.2	16758
2000 DT$_5$	2001 10 26.4	02 03.68	−32 05.3	16.3	−1.96	+20.3	23.7/28.5	2745
2000 JL$_{71}$	2001 10 26.5	02 03.64	+19 43.8	18.6	−1.00	−6.2	2.5/28.6	18273
3160 T-2	2001 10 26.5	02 03.66	−00 54.5	18.3	−0.72	−6.1	4.4/22.3	18513
2000 HY$_{12}$	2001 10 26.5	02 03.67	+12 27.9	16.8	−0.96	−2.1	0.0/26.5	18261
2000 QQ$_{14}$	2001 10 26.5	02 03.69	+26 07.1	18.7	−0.88	−3.0	3.8/30.3	17442
2000 EL$_{86}$	2001 10 26.5	02 03.70	+16 31.4	18.5	−1.08	−6.9	1.5/28.0	18241
2000 KN$_{15}$	2001 10 26.5	02 03.79	+07 47.5	18.4	−0.99	−4.4	1.7/25.3	17400
2000 GF$_{158}$	2001 10 26.5	02 03.82	+13 42.2	17.0	−1.23	−0.2	0.5/26.8	17309
3091 T-2	2001 10 26.5	02 03.87	+04 52.9	18.1	−0.80	−6.4	2.3/24.2	18116
2000 JN$_7$	2001 10 26.5	02 04.02	−07 29.8	17.7	−0.74	−8.4	8.8/19.8	18268
2000 SJ$_{49}$	2001 10 26.6	02 04.06	+13 38.5	18.4	−0.51	−4.0	0.2/26.9	18291
2000 FZ$_{34}$	2001 10 26.6	02 04.07	+10 16.7	18.8	−1.09	−4.8	0.9/26.0	17236
2000 FS$_{38}$	2001 10 26.6	02 04.08	+08 28.1	17.6	−0.99	−5.0	1.7/25.5	17238
2000 GE$_{82}$	2001 10 26.6	02 04.27	+29 51.6	17.1	−1.96	+13.0	9.7/27.8	17279
1999 HV$_8$	2001 10 26.6	02 04.32	+17 57.1	17.9	−1.12	+0.1	2.1/27.8	16983
2000 KF$_{48}$	2001 10 26.6	02 04.37	+18 50.5	17.5	−0.77	−9.9	2.1/28.8	18277
2000 HN$_{28}$	2001 10 26.6	02 04.43	+15 39.2	17.3	−0.96	−5.1	1.4/28.0	17328
2001 QA$_{102}$	2001 10 26.7	02 04.39	+06 45.2	17.9	−0.77	−8.1	2.4/24.8	17865
4159 T-2	2001 10 26.7	02 04.40	+10 59.9	18.1	−0.81	−3.9	0.5/26.2	18513
1988 CQ$_1$	2001 10 26.7	02 04.46	+00 24.4	17.1	−0.96	−5.1	4.9/23.3	18130
1998 FB$_{58}$	2001 10 26.7	02 04.49	−02 53.1	17.6	−0.69	−11.1	4.7/21.1	18160
2000 JH$_{54}$	2001 10 26.7	02 04.64	+08 17.4	18.7	−0.99	−4.2	1.6/25.6	17383
2001 QG$_{84}$	2001 10 26.7	02 04.65	+08 22.4	17.0	−0.74	−13.6	1.7/25.2	17846
2000 HX$_{30}$	2001 10 26.7	02 04.76	−06 47.2	18.7	−0.85	−5.3	6.3/21.2	2774
2000 JT$_{58}$	2001 10 26.7	02 04.78	+08 14.4	16.7	−0.94	−8.9	1.8/25.4	18272
1996 GZ$_{20}$	2001 10 26.7	02 04.85	+16 01.6	18.2	−1.15	−1.6	1.2/27.6	16736
1981 EY$_{41}$	2001 10 26.7	02 04.86	+11 36.0	19.2	−0.99	−6.0	0.4/26.5	*35678*
1999 CF$_{55}$	2001 10 26.8	02 04.80	+27 24.4	17.7	−1.13	−1.0	5.2/30.4	18196
1999 FA$_{30}$	2001 10 26.8	02 04.80	+16 41.9	17.2	−1.11	+0.1	1.5/27.7	18202
2000 JJ$_{32}$	2001 10 26.8	02 04.80	+18 19.1	17.7	−0.99	−7.2	2.1/28.5	18270
2000 FP$_{37}$	2001 10 26.8	02 04.96	+06 01.5	17.8	−1.04	−2.9	2.6/25.2	17237
2000 LF$_{20}$	2001 10 26.8	02 04.99	+29 27.1	17.9	−0.83	−6.4	4.6/01.3	4954
1998 CH$_3$	2001 10 26.8	02 05.06	+15 58.5	19.1	−0.83	−3.6	1.0/27.8	10316
2000 LM$_{11}$	2001 10 26.8	02 05.15	−11 52.5	15.6	−0.77	−7.8	9.9/18.2	17424
1991 YN$_1$	2001 10 26.8	02 05.26	+24 35.4	17.3	−1.04	−6.2	5.1/30.3	18133
1998 FS$_{34}$	2001 10 26.9	02 05.17	+17 13.1	20.1	−0.79	−4.2	1.3/28.2	15029
1999 GF$_4$	2001 10 26.9	02 05.22	+14 34.2	19.0	−0.98	−1.7	0.6/27.4	16974
2000 FD$_{44}$	2001 10 26.9	02 05.25	+03 12.6	17.6	−0.97	−5.6	3.4/24.3	18248
1993 YT	2001 10 26.9	02 05.40	−24 35.6	19.4	−0.98	−0.6	10.3/16.0	*35425*
1998 HV$_{32}$	2001 10 26.9	02 05.49	+05 16.7	17.9	−0.73	−11.6	2.2/24.4	16813
1999 CD$_{10}$	2001 10 26.9	02 05.49	−04 28.5	16.9	−0.85	−3.6	5.5/22.2	18194
2000 OG$_{54}$	2001 10 26.9	02 05.54	+14 37.9	19.1	−0.77	−4.1	0.5/27.5	13198
2000 KT$_{12}$	2001 10 27.0	02 05.60	+18 32.4	17.2	−0.94	−8.4	2.6/28.8	18275
2001 QT$_{163}$	2001 10 27.0	02 05.69	+23 54.8	17.5	−1.16	−1.7	5.2/29.7	17924
2000 OL$_{11}$	2001 10 27.0	02 05.72	+07 53.0	18.2	−0.81	−4.3	1.5/25.7	18283
1996 BU$_4$	2001 10 27.0	02 05.82	+09 39.7	18.4	−1.07	−4.2	1.3/26.3	18143
2000 LH$_{32}$	2001 10 27.0	02 05.89	+11 30.7	18.0	−0.76	−6.8	0.4/26.7	18281
1998 FE$_{68}$	2001 10 27.1	02 06.00	+11 34.6	18.7	−0.77	−4.6	0.3/26.8	18161
2000 GQ$_{144}$	2001 10 27.1	02 06.04	+12 31.1	16.4	−0.95	−4.3	0.1/27.1	18258
2001 QC$_{297}$	2001 10 27.1	02 06.04	+10 36.8	17.5	−1.03	−2.6	0.8/26.6	18006
2377 T-3	2001 10 27.1	02 06.27	+20 05.6	19.0	−0.59	−1.2	1.3/29.2	18120
1999 JP$_{49}$	2001 10 27.2	02 06.32	+02 44.3	17.7	−0.90	−1.0	3.4/24.8	18207
2001 QY$_{88}$	2001 10 27.2	02 06.49	+25 03.2	17.1	−0.91	−2.8	3.9/30.6	17851
2000 EG$_{58}$	2001 10 27.2	02 06.49	+14 14.2	18.1	−1.12	−4.6	10.1/17.0	18239
2000 KU$_{32}$	2001 10 27.2	02 06.52	+11 16.5	17.9	−1.07	−4.8	0.6/26.8	17404
1989 UE$_5$	2001 10 27.2	02 06.60	+08 32.4	19.0	−0.48	−4.0	0.7/25.9	16698
2000 JW$_{28}$	2001 10 27.3	02 06.85	+20 33.9	18.4	−0.99	−5.0	2.9/29.5	18270
2000 NR$_{25}$	2001 10 27.3	02 07.03	−21 15.5	18.8	−0.77	−2.1	9.0/17.2	18282
1998 XE$_{95}$	2001 10 27.3	02 07.06	+17 46.3	18.2	−0.99	−7.4	1.8/28.8	16892
2000 KN$_{63}$	2001 10 27.3	02 07.10	+01 04.8	21.6	−0.92	−3.1	3.6/24.4	3938
2000 JX$_{72}$	2001 10 27.3	02 07.13	−00 45.2	18.5	−0.92	−2.2	4.8/24.1	2782
1999 JJ$_{72}$	2001 10 27.3	02 07.15	−00 45.3	16.9	−0.87	−1.3	4.2/24.0	18208
1999 CY$_8$	2001 10 27.3	02 07.16	+18 10.3	16.8	−1.09	−0.1	2.4/28.6	18194
1996 JB$_5$	2001 10 27.3	02 07.17	−01 15.0	18.6	−0.97	−4.0	5.6/23.6	*33947*
2001 QH$_{93}$	2001 10 27.4	02 07.09	+26 48.4	17.9	−0.98	−0.7	4.5/30.9	17853
1999 HC$_8$	2001 10 27.4	02 07.09	+12 05.8	16.9	−0.94	−4.1	0.3/27.2	18205
2000 RX$_{25}$	2001 10 27.4	02 07.15	+23 23.7	17.8	−0.55	−3.4	2.0/30.7	18290
2001 QG$_{139}$	2001 10 27.4	02 07.16	+11 21.3	17.4	−0.95	−16.3	0.6/26.9	17904
1999 FU$_{29}$	2001 10 27.4	02 07.23	+02 39.2	18.5	−0.86	−5.0	3.3/24.5	*35445*
2000 KN$_{33}$	2001 10 27.4	02 07.35	+14 14.9	18.0	−0.96	−5.9	0.5/28.0	18276
2001 QQ$_{138}$	2001 10 27.4	02 07.47	+22 31.1	17.8	−1.04	−5.1	3.5/30.1	17904
2000 AN$_{93}$	2001 10 27.4	02 07.51	−32 50.6	17.8	−1.16	−0.9	19.5/12.7	17133
2000 LO$_3$	2001 10 27.4	02 07.52	−04 50.5	18.0	−0.85	−4.3	6.0/22.6	18279
1999 CV$_{92}$	2001 10 27.4	02 07.53	−02 20.8	17.2	−0.94	−2.5	6.9/23.6	18197
1999 GX$_{17}$	2001 10 27.5	02 07.51	−02 32.0	17.6	−0.90	−2.8	5.7/23.4	*35350*
2000 GO$_{11}$	2001 10 27.5	02 07.52	+09 00.5	19.9	−0.99	−6.4	1.5/26.4	18250
1999 JX$_{104}$	2001 10 27.5	02 07.54	+06 15.9	17.5	−0.82	−3.3	2.2/25.7	18209
2000 JM$_{16}$	2001 10 27.5	02 07.57	+05 19.4	16.8	−0.88	−8.4	3.4/25.2	17364
2000 GN$_{174}$	2001 10 27.5	02 07.60	+07 47.0	18.8	−0.98	−4.2	1.9/26.2	18260
2000 GJ$_{82}$	2001 10 27.5	02 07.69	+08 17.2	18.2	−0.98	−4.7	1.7/26.3	17279
1999 CQ$_5$	2001 10 27.5	02 07.85	+15 40.2	17.0	−1.08	−1.9	1.1/28.0	16920
4258 P-L	2001 10 27.5	02 07.86	+22 23.1	18.8	−1.07	−3.3	3.8/30.0	18511
2000 HX$_{34}$	2001 10 27.6	02 07.87	+06 45.4	17.2	−1.12	−2.2	2.6/26.2	18262
2000 EX$_{136}$	2001 10 27.6	02 07.95	+04 18.7	18.4	−0.98	−5.7	3.3/25.3	1581
2000 KO$_{28}$	2001 10 27.6	02 08.04	+11 29.1	18.9	−0.97	−5.4	0.5/27.2	18276
1996 WT$_1$	2001 10 27.6	02 08.09	+12 28.0	16.7	−0.72	−4.4	0.2/27.5	18147
2001 QX$_{296}$	2001 10 27.6	02 08.19	+10 00.3	17.2	−0.88	−8.0	1.3/26.8	18005
1999 GB$_{37}$	2001 10 27.6	02 08.19	−00 04.2	17.6	−1.04	−0.6	4.7/24.7	18204
1998 HV$_{126}$	2001 10 27.6	02 08.22	+20 15.8	18.3	−0.83	−4.6	2.3/29.8	16822
2000 RR$_{97}$	2001 10 27.6	02 08.22	+36 02.8	18.2	−0.58	−3.8	4.0/04.5	18290
2000 JZ$_{60}$	2001 10 27.6	02 08.30	+21 19.7	16.9	−0.97	−7.0	3.4/30.2	18272
2000 JB$_9$	2001 10 27.7	02 08.28	+16 24.3	19.0	−0.96	−7.2	1.2/28.7	1640
1999 JL$_7$	2001 10 27.7	02 08.40	+01 19.7	18.4	−0.74	−6.0	3.6/24.2	18206
2001 QY$_{296}$	2001 10 27.7	02 08.55	+04 52.8	18.0	−0.80	−9.8	3.1/25.2	18006
2000 JL$_{36}$	2001 10 27.7	02 08.63	+14 24.6	17.6	−0.87	−5.3	0.5/28.2	18271
1999 FV$_9$	2001 10 27.7	02 08.65	+00 33.8	17.6	−0.83	−8.7	4.3/23.8	16962
1999 FM$_{53}$	2001 10 27.7	02 08.67	+16 56.4	19.4	−0.83	−4.5	1.1/28.9	6224
1999 JZ$_{52}$	2001 10 27.7	02 08.69	+05 43.1	18.7	−0.76	−3.0	1.9/25.8	18207
1998 XQ$_{11}$	2001 10 27.7	02 08.70	+20 57.9	17.4	−1.05	−8.4	3.5/30.2	16879
2000 JD$_{72}$	2001 10 27.7	02 08.70	+03 10.1	20.3	−1.04	−4.2	3.5/25.3	3601
2001 QS$_{296}$	2001 10 27.8	02 08.63	+08 39.3	18.0	−0.83	−6.4	1.7/26.5	18005

2000 JQ_{73}	2001 10 27.8	02 08.73	−03 41.6	19.2	−0.81	− 6.5	5.6/22.9	18273
2053 T-2	2001 10 27.8	02 08.75	+11 08.1	17.7	−0.84	− 7.2	0.7/27.3	18513
2000 KB_{4}	2001 10 27.8	02 08.75	+04 01.9	18.7	−0.90	− 4.5	2.8/25.4	17397
2001 RL_{79}	2001 10 27.8	02 08.89	+19 29.3	17.0	−1.14	+ 0.1	2.7/29.3	18046
1999 CE_{36}	2001 10 27.8	02 08.89	−02 58.6	18.7	−1.00	− 3.4	6.1/23.6	12146
1995 BP_{3}	2001 10 27.8	02 09.00	−03 28.0	18.0	−0.85	− 5.7	5.3/23.1	18139
2000 JD_{62}	2001 10 27.8	02 09.02	+08 49.6	18.2	−0.95	− 4.0	1.5/26.8	17388
2000 GV_{46}	2001 10 27.8	02 09.11	+13 20.3	18.2	−0.98	− 6.2	10.5/17.0	18251
2001 QY_{101}	2001 10 27.9	02 09.10	+13 18.0	16.3	−0.96	− 1.8	12.8/08.0	17864
1981 DB_{2}	2001 10 27.9	02 09.11	+23 38.1	17.9	−0.96	− 5.1	3.9/30.9	*26914*
2000 GS_{84}	2001 10 27.9	02 09.13	−06 37.0	18.7	−0.99	− 3.5	7.3/22.9	2474
2000 KD_{58}	2001 10 27.9	02 09.16	+01 25.6	19.3	−0.94	− 3.8	4.2/24.9	18278
1994 PV_{29}	2001 10 27.9	02 09.34	+13 40.4	16.7	−0.91	− 7.9	12.1/17.0	18138
2000 SD_{12}	2001 10 27.9	02 09.40	+33 44.1	17.2	−0.96	− 1.6	6.7/02.6	17456
1999 CA_{32}	2001 10 27.9	02 09.41	−18 47.7	19.0	−0.79	− 1.9	7.8/19.3	18195
1998 CG	2001 10 28.0	02 09.61	+09 13.0	18.6	−0.79	− 5.6	1.2/26.9	16789
2000 HJ_{21}	2001 10 28.0	02 09.63	+04 16.8	17.8	−1.05	− 1.8	3.5/26.0	17324
2000 JW_{11}	2001 10 28.0	02 09.67	+14 47.8	16.8	−0.95	− 7.2	0.8/28.6	17362
2000 GM_{111}	2001 10 28.0	02 09.74	+22 45.6	18.2	−1.13	− 3.9	3.8/30.6	17293
1993 FD_{19}	2001 10 28.0	02 09.76	+01 38.7	17.8	−0.99	− 5.7	4.4/24.9	18134
1990 SB_{5}	2001 10 28.1	02 09.80	+03 55.4	16.9	−0.88	− 5.8	4.3/25.5	18131
6646 P-L	2001 10 28.1	02 09.81	+13 30.6	17.6	−0.94	− 2.1	0.2/28.2	18108
1995 BA_{4}	2001 10 28.1	02 09.92	+18 18.0	17.7	−1.00	− 3.8	2.1/29.5	18139
2000 NY_{27}	2001 10 28.1	02 09.95	+22 19.3	19.2	−0.81	− 6.1	2.7/30.9	18282
6323 P-L	2001 10 28.1	02 09.96	+18 58.8	18.7	−0.95	− 3.1	2.2/29.7	18512
1999 CY_{12}	2001 10 28.1	02 09.98	+04 54.5	17.6	−0.81	− 6.2	2.6/25.7	18194
1993 FZ_{49}	2001 10 28.1	02 09.98	+16 29.8	18.6	−1.07	− 4.8	1.3/29.0	18135
2001 RK_{63}	2001 10 28.1	02 10.22	−13 39.5	17.9	−0.70	− 6.8	8.0/19.2	18034
2000 HH_{46}	2001 10 28.2	02 10.25	+14 16.2	19.5	−1.04	− 4.3	0.4/28.5	18264
2000 MU_{5}	2001 10 28.2	02 10.28	+40 17.2	16.8	−0.90	− 5.0	7.5/06.1	18281
1999 CX_{150}	2001 10 28.2	02 10.32	+00 45.4	19.3	−0.74	− 5.0	3.3/24.7	18199
1993 BY_{4}	2001 10 28.2	02 10.33	+16 20.9	18.0	−1.08	− 5.3	1.4/29.1	18134
1993 FF_{50}	2001 10 28.2	02 10.57	+16 20.8	17.9	−1.08	− 5.1	1.3/29.1	18135
1999 JY_{23}	2001 10 28.2	02 10.59	+12 27.8	17.5	−0.99	− 0.6	0.2/28.1	16987
2000 JC_{44}	2001 10 28.3	02 10.61	+09 15.8	18.2	−0.97	− 3.1	1.4/27.3	18271
1998 XY_{45}	2001 10 28.3	02 10.80	+04 40.9	16.8	−1.05	− 2.7	3.3/26.3	18186
2000 EK_{85}	2001 10 28.3	02 10.86	−00 48.0	18.7	−1.00	− 4.9	4.7/24.7	726
2001 QZ_{28}	2001 10 28.3	02 11.00	+11 24.2	16.5	−0.75	− 8.6	0.7/27.8	17776
2000 OQ_{34}	2001 10 28.3	02 11.01	+06 24.2	18.0	−0.74	− 6.4	2.0/26.3	17438
1997 OK_{2}	2001 10 28.4	02 11.02	+22 03.0	18.0	−1.08	− 5.4	3.3/30.8	18149
1996 CJ_{1}	2001 10 28.4	02 11.06	+10 21.9	18.7	−1.06	− 4.1	1.1/27.7	18143
2000 HK_{33}	2001 10 28.4	02 11.12	+14 43.2	18.2	−0.95	− 5.4	0.6/28.9	18262
2000 LF_{18}	2001 10 28.4	02 11.13	−23 50.3	17.1	−0.76	− 2.7	11.6/16.4	17425
1996 FW_{1}	2001 10 28.4	02 11.34	+10 47.5	18.1	−0.98	− 5.2	0.8/27.8	18143
1999 JU_{75}	2001 10 28.4	02 11.37	+23 53.6	17.7	−0.94	− 3.4	3.3/31.3	18208
1999 CG_{70}	2001 10 28.4	02 11.41	+14 12.3	18.0	−0.85	− 6.4	0.3/28.8	18196
2000 JK_{51}	2001 10 28.4	02 11.42	+23 11.4	17.5	−1.01	− 6.4	4.7/31.4	17382
1999 JW_{77}	2001 10 28.5	02 11.59	+06 28.4	18.5	−0.73	− 6.1	1.9/26.5	18208
1999 JW_{34}	2001 10 28.5	02 11.60	+12 24.4	16.7	−0.90	− 1.4	0.3/28.4	18207
1998 FH_{16}	2001 10 28.5	02 11.64	+10 43.0	18.2	−0.78	− 4.2	0.7/27.9	18160
1999 AU_{8}	2001 10 28.5	02 11.73	+22 12.8	17.6	−1.00	− 6.9	3.4/31.2	18190
2000 JS_{39}	2001 10 28.5	02 11.74	+12 08.0	18.4	−0.87	− 4.0	0.4/28.3	18271
1997 MF_{4}	2001 10 28.5	02 11.75	+15 15.3	17.1	−1.06	− 3.2	0.9/29.1	18149
2000 HB_{66}	2001 10 28.5	02 11.77	+08 45.4	18.2	−0.98	− 3.1	1.7/27.5	18265
2000 GP_{107}	2001 10 28.6	02 11.75	+03 49.6	18.2	−0.97	− 5.6	3.7/26.1	18256
1998 BF_{2}	2001 10 28.6	02 11.79	−17 44.8	17.7	−0.85	− 2.3	12.4/18.8	18157
2000 YS_{11}	2001 10 28.6	02 11.86	−00 27.4	17.1	−0.56	− 1.0	2.6/24.9	17509
2000 LO_{4}	2001 10 28.6	02 11.99	−10 17.9	17.9	−0.79	− 3.2	7.8/22.1	17421
1995 ST_{38}	2001 10 28.6	02 12.06	+12 21.7	20.4	−0.75	− 5.1	0.3/28.4	18140
1993 OB_{10}	2001 10 28.7	02 12.12	+23 04.0	17.5	−1.00	− 5.8	4.2/31.5	18135
2001 QR_{28}	2001 10 28.7	02 12.12	+15 08.3	16.4	−0.95	− 1.5	1.0/29.1	18370
1996 PO_{9}	2001 10 28.7	02 12.14	−08 12.8	17.9	−0.85	− 4.2	7.1/22.8	18145
1999 GS_{16}	2001 10 28.7	02 12.16	+17 50.5	17.6	−0.95	− 2.2	1.4/29.8	18204
2000 OK_{39}	2001 10 28.7	02 12.16	+42 38.2	17.4	−0.94	− 3.9	7.9/07.2	18284
1998 FS_{120}	2001 10 28.7	02 12.19	−01 41.9	18.6	−0.74	− 7.7	5.2/23.9	18161
2001 QE_{29}	2001 10 28.7	02 12.20	+21 59.6	16.4	−1.12	+ 3.2	4.1/30.3	17777
2001 QZ_{296}	2001 10 28.7	02 12.28	+10 55.9	17.7	−0.87	− 6.6	0.9/28.0	18006
1070 T-1	2001 10 28.7	02 12.36	+37 24.8	19.3	−1.07	− 0.3	6.7/04.0	18110
1999 CY_{58}	2001 10 28.7	02 12.37	+16 34.4	17.3	−1.09	− 1.5	1.4/29.5	16933
2000 HM_{32}	2001 10 28.7	02 12.44	+14 19.3	20.4	−1.01	− 5.0	0.4/29.0	5750
2000 JB_{40}	2001 10 28.8	02 12.55	+19 51.0	18.6	−0.96	− 7.1	2.2/30.7	2779
1998 HX_{147}	2001 10 28.8	02 12.76	+08 55.8	18.5	−0.66	− 2.0	1.0/27.7	18164
1999 GJ_{26}	2001 10 28.8	02 12.77	+09 01.9	18.1	−0.84	− 4.5	1.4/27.7	18204
2001 QK_{138}	2001 10 28.8	02 12.86	+23 00.7	17.6	−1.02	− 5.6	4.0/31.6	17903
2000 GA_{136}	2001 10 28.8	02 12.95	+00 29.3	17.6	−0.97	− 5.3	5.0/25.4	17303
2000 GB_{135}	2001 10 28.8	02 12.95	+00 09.9	18.0	−1.07	− 1.7	5.4/25.9	1615
2000 JH_{17}	2001 10 28.9	02 12.92	+01 45.5	19.1	−1.07	− 1.8	4.3/26.3	2523
1997 VW_{4}	2001 10 28.9	02 12.95	+07 01.7	17.2	−1.04	− 0.7	2.2/27.5	18153
2000 QS_{103}	2001 10 28.9	02 13.08	+15 21.8	18.5	−0.57	− 1.7	0.4/29.5	17444
3221 T-2	2001 10 28.9	02 13.28	+10 29.7	18.1	−0.80	− 4.0	0.9/28.2	18117
2000 EU_{135}	2001 10 28.9	02 13.29	−07 04.4	17.3	−0.92	− 5.9	8.9/23.3	18243
2000 OL_{15}	2001 10 29.0	02 13.26	+22 27.6	20.0	−0.85	− 3.9	2.5/31.5	5798
2000 SA_{366}	2001 10 29.0	02 13.38	+13 49.2	18.6	−0.66	− 2.6	0.1/29.1	17470
2000 SW_{54}	2001 10 29.0	02 13.50	+10 25.8	18.5	−0.50	− 3.0	0.5/28.2	17458
1999 CK_{51}	2001 10 29.0	02 13.60	+22 50.6	19.9	−0.84	− 3.1	2.2/31.7	4429
1999 CG_{99}	2001 10 29.0	02 13.76	+23 59.8	18.4	−1.09	− 2.7	4.0/31.7	*34255*
2000 GN_{105}	2001 10 29.1	02 13.67	+09 33.1	18.3	−1.05	− 4.0	1.5/28.1	18256
2000 QU_{179}	2001 10 29.1	02 13.69	+09 53.3	18.7	−0.53	− 2.6	0.7/28.1	17449
2000 QK_{161}	2001 10 29.1	02 13.78	+05 13.7	18.8	−0.74	− 6.8	2.4/26.6	17447
1998 DJ_{9}	2001 10 29.1	02 13.82	+14 03.4	17.7	−0.87	− 1.4	0.2/29.3	18158
1998 XB_{48}	2001 10 29.1	02 13.85	+11 52.7	16.7	−1.19	+ 1.2	0.8/28.8	18186
2000 NK_{14}	2001 10 29.1	02 13.86	+35 12.1	19.1	−0.92	− 3.6	5.7/04.6	13668
2000 GC_{140}	2001 10 29.1	02 13.89	+10 28.1	18.2	−1.15	− 0.1	1.1/28.5	17304
2000 JM_{42}	2001 10 29.2	02 14.21	+09 42.2	18.4	−1.04	− 2.4	1.5/28.3	1347
2000 FX_{24}	2001 10 29.2	02 14.31	+01 29.9	17.7	−1.07	− 2.0	4.4/26.6	1586
2000 NX_{24}	2001 10 29.2	02 14.32	+18 10.6	18.2	−0.87	− 4.8	1.5/30.6	18282
2000 HL_{39}	2001 10 29.2	02 14.50	+04 36.2	17.9	−1.03	− 2.6	3.4/27.2	18263
1999 KM_{6}	2001 10 29.3	02 14.44	−11 39.1	18.4	−0.84	− 3.3	6.9/22.0	18209
2000 LJ_{3}	2001 10 29.3	02 14.46	+07 04.6	16.7	−0.81	− 7.2	2.2/27.4	18279
2001 QZ_{98}	2001 10 29.3	02 14.85	+12 32.7	16.6	−0.70	− 8.9	0.5/29.1	17860
2001 QO_{29}	2001 10 29.3	02 14.86	+18 16.0	16.7	−1.16	− 2.4	1.9/30.5	17777
2000 GZ_{49}	2001 10 29.3	02 14.87	+12 38.3	18.5	−1.05	− 3.3	0.4/29.2	18251

2000 KP_{13}	2001 10 29.4	02 14.99	+17 08.7	17.3	−0.88	− 9.4	1.7/30.6	18275
2000 GE_{88}	2001 10 29.4	02 15.10	+08 24.2	18.0	−1.02	− 4.4	1.9/28.2	18254
2000 QD_{1}	2001 10 29.4	02 15.14	+31 36.5	18.3	−0.90	− 2.2	4.6/03.4	18286
1999 HU_{8}	2001 10 29.4	02 15.17	+11 54.9	17.3	−0.77	− 7.4	0.5/29.0	18206
1998 FD_{7}	2001 10 29.5	02 15.21	+14 42.1	19.3	−0.83	− 3.7	0.3/29.8	*31746*
1993 FD_{47}	2001 10 29.5	02 15.22	+11 45.7	19.6	−0.77	− 4.1	0.5/29.0	18135
2000 GC_{122}	2001 10 29.5	02 15.32	+00 03.6	17.9	−0.91	− 4.3	5.2/26.0	18257
2000 GZ_{180}	2001 10 29.5	02 15.33	−26 00.2	18.8	−0.95	− 3.5	14.8/17.5	17315
2000 AC_{153}	2001 10 29.5	02 15.35	+05 18.2	17.5	−1.07	− 4.1	3.2/27.5	18226
2000 HZ_{47}	2001 10 29.5	02 15.39	+10 03.5	19.1	−1.08	− 4.4	1.5/28.7	5751
2000 AY_{144}	2001 10 29.5	02 15.42	−29 36.7	18.7	−1.05	− 5.9	18.6/13.7	17136
2850 P-L	2001 10 29.5	02 15.46	+13 31.7	18.6	−0.70	− 3.8	0.0/29.5	18101
1999 GQ_{44}	2001 10 29.5	02 15.47	−00 14.4	17.4	−0.85	− 1.5	4.3/26.2	16979
2000 HY_{31}	2001 10 29.5	02 15.47	+11 25.9	18.0	−1.05	− 3.6	0.8/29.0	18262
2000 JY_{65}	2001 10 29.5	02 15.48	−12 44.5	16.1	−0.92	+ 0.7	11.6/23.4	18273
1999 EV_{11}	2001 10 29.5	02 15.56	+10 05.4	18.2	−0.97	− 3.0	1.2/28.7	16958
2000 GV_{3}	2001 10 29.5	02 15.58	+09 49.3	16.8	−1.02	− 3.4	1.7/28.7	18249
2000 HY_{8}	2001 10 29.5	02 15.68	+11 18.5	18.4	−0.98	− 2.4	0.8/29.1	17319
1988 SA_{3}	2001 10 29.6	02 15.91	+27 56.1	18.8	−0.63	− 1.0	2.7/02.6	18130
2000 LQ_{16}	2001 10 29.6	02 15.92	+02 49.5	18.3	−0.93	− 5.7	4.0/26.7	18280
2000 JG_{30}	2001 10 29.6	02 15.96	+18 42.9	17.1	−1.00	− 6.5	2.3/31.1	17372
2000 GM_{141}	2001 10 29.7	02 16.15	+00 33.3	19.0	−0.97	− 4.8	4.9/26.3	1617
6691 P-L	2001 10 29.7	02 16.19	+17 45.1	17.9	−1.08	− 2.7	1.6/30.7	18512
1996 HV_{20}	2001 10 29.7	02 16.32	+10 06.8	18.2	−0.94	− 5.4	1.2/28.8	18144
2000 SO_{56}	2001 10 29.7	02 16.36	+05 20.0	18.9	−0.48	− 3.7	1.5/27.2	18292
1999 DM_{1}	2001 10 29.7	02 16.40	−10 19.0	18.4	−0.91	−11.8	8.1/21.3	18199
2001 QK_{74}	2001 10 29.7	02 16.42	+17 29.9	17.4	−0.97	− 4.3	1.4/30.8	17836
1999 CS_{66}	2001 10 29.7	02 16.42	+18 51.8	17.2	−0.97	− 7.1	2.0/31.3	16934
2001 QC_{102}	2001 10 29.7	02 16.45	+18 39.4	16.9	−1.09	− 0.3	2.7/30.9	17865
2001 QV_{29}	2001 10 29.8	02 16.58	+08 53.6	17.1	−0.85	− 3.7	1.6/28.6	17778
2000 GN_{57}	2001 10 29.8	02 16.84	+16 37.2	17.9	−1.15	− 1.3	1.3/30.5	17266
2001 QO_{31}	2001 10 29.9	02 16.82	+11 45.5	18.0	−0.93	− 6.2	0.8/29.4	17783
2000 GV_{49}	2001 10 29.9	02 17.20	+09 24.4	17.1	−0.93	− 8.8	1.9/28.7	18251
2001 QU_{104}	2001 10 30.0	02 17.15	+22 54.0	17.3	−1.09	− 1.2	4.8/01.2	17868
2000 GH_{141}	2001 10 30.0	02 17.25	−01 16.6	18.4	−0.97	− 3.3	5.4/26.4	2770
1998 XW_{86}	2001 10 30.0	02 17.25	+19 12.1	16.2	−0.99	− 9.4	2.2/31.7	16891
1996 HL_{21}	2001 10 30.0	02 17.30	+10 50.9	18.4	−1.02	− 3.0	1.1/29.3	18144
2000 JG_{9}	2001 10 30.0	02 17.35	+16 14.2	19.6	−1.03	− 6.3	0.9/30.7	557
1996 TV_{21}	2001 10 30.0	02 17.51	+16 51.1	19.4	−0.88	− 3.9	1.0/30.9	18145
1999 JQ_{84}	2001 10 30.0	02 17.59	−07 26.7	18.7	−0.84	− 5.9	6.3/23.6	18208
2000 GG_{5}	2001 10 30.0	02 17.63	+18 08.5	17.2	−1.06	− 7.7	1.8/31.3	17249
2000 LC_{13}	2001 10 30.1	02 17.59	−01 11.1	19.4	−0.85	− 3.5	4.2/26.2	2559
2000 FW	2001 10 30.1	02 17.84	+13 39.0	21.8	−1.12	− 4.8	0.0/30.1	17229
1996 HL_{12}	2001 10 30.1	02 17.86	+14 41.2	18.9	−0.99	− 4.9	0.3/30.4	*27561*
1999 GF_{39}	2001 10 30.1	02 17.90	+15 20.9	16.5	−1.21	+ 3.1	0.7/30.4	16979
1998 FH_{8}	2001 10 30.1	02 17.90	+24 02.5	19.9	−0.91	− 2.0	3.1/01.8	16794
2000 SM_{362}	2001 10 30.2	02 18.08	−00 53.3	19.1	−0.73	− 5.4	4.1/25.9	17468
2000 JP_{73}	2001 10 30.2	02 18.13	−05 38.0	19.2	−0.82	− 5.7	6.7/24.7	10959
3202 T-2	2001 10 30.2	02 18.28	+08 12.3	18.0	−0.88	− 3.5	1.9/28.8	18117
1999 RY_{138}	2001 10 30.2	02 18.31	+51 28.9	19.2	−0.77	− 1.8	6.1/12.4	10895
2000 KW_{42}	2001 10 30.2	02 18.34	+08 58.6	20.3	−1.06	− 0.4	1.9/29.3	12241
2000 KX_{47}	2001 10 30.3	02 18.36	−09 38.7	19.4	−0.89	− 2.5	7.8/24.3	18277
6537 P-L	2001 10 30.3	02 18.37	+14 47.6	18.2	−0.92	− 3.0	0.4/30.6	18107
2001 QG_{29}	2001 10 30.3	02 18.56	+02 23.8	16.7	−0.72	− 6.5	4.6/26.9	17777
1999 CV_{101}	2001 10 30.3	02 18.59	+09 30.4	18.4	−0.97	− 3.1	1.5/29.3	18198
1999 CT_{91}	2001 10 30.4	02 18.71	+25 33.2	17.6	−1.07	− 3.3	5.0/02.4	18197
1999 BF_{3}	2001 10 30.4	02 18.86	−00 03.2	17.7	−0.93	− 4.0	4.5/26.8	18191
2000 QC_{51}	2001 10 30.4	02 18.87	+36 26.6	18.4	−0.95	− 1.9	5.6/05.7	18286
1999 FR_{4}	2001 10 30.4	02 18.88	+15 10.1	18.9	−0.86	− 3.7	0.4/30.8	18201
2001 OV_{104}	2001 10 30.4	02 18.93	+01 16.5	17.1	−0.70	−10.5	5.5/26.1	18349
2001 QO_{30}	2001 10 30.4	02 18.98	+17 46.0	16.5	−1.05	+ 2.0	1.4/31.2	17780
2000 LJ_{5}	2001 10 30.4	02 19.03	+07 18.8	19.3	−0.86	− 5.5	2.0/28.7	18279
2001 QE_{75}	2001 10 30.4	02 19.07	+25 38.7	17.7	−1.31	+ 3.4	4.5/01.5	17837
1998 WG_{27}	2001 10 30.4	02 19.10	+08 49.5	18.3	−1.03	− 4.4	2.1/29.2	16874
1989 GL	2001 10 30.4	02 19.13	+28 57.0	17.7	−1.44	+ 2.2	5.7/02.0	18131
2000 OK_{1}	2001 10 30.5	02 19.24	+04 46.9	18.9	−0.73	− 5.9	2.8/27.8	18283
1999 AG_{8}	2001 10 30.5	02 19.27	−00 20.2	17.6	−0.97	− 2.6	6.3/27.0	18189
2001 QJ_{292}	2001 10 30.5	02 19.35	+12 01.6	17.7	−0.80	− 8.9	0.7/30.0	18002
2000 FG_{32}	2001 10 30.5	02 19.42	+05 19.7	17.7	−1.01	− 5.6	3.6/28.4	18247
2000 GT_{26}	2001 10 30.5	02 19.53	+07 41.6	19.0	−0.96	− 8.2	2.8/28.8	17255
2000 JD_{56}	2001 10 30.6	02 19.54	+09 29.2	19.1	−1.01	− 6.4	1.6/29.4	2780
2000 GU_{78}	2001 10 30.6	02 19.69	+12 38.7	17.8	−1.06	− 4.6	0.5/30.3	18254
2000 JT_{69}	2001 10 30.6	02 19.71	−27 16.5	18.6	−1.09	+ 1.3	15.2/20.9	2782
1993 FD_{41}	2001 10 30.6	02 19.90	+05 50.4	17.4	−0.95	− 7.8	3.7/28.3	16707
1981 EG_{17}	2001 10 30.6	02 19.92	−04 15.7	17.9	−0.72	− 8.9	5.4/24.6	18129
2001 QZ_{31}	2001 10 30.7	02 19.96	−07 57.7	16.2	−0.79	− 6.4	9.3/23.9	17783
2000 SB_{132}	2001 10 30.7	02 20.03	+23 10.8	17.9	−0.52	− 5.1	1.6/02.7	18292
2000 RA_{103}	2001 10 30.7	02 20.17	+32 21.0	19.1	−0.59	− 2.1	3.1/05.3	18290
2000 HS_{58}	2001 10 30.7	02 20.17	+18 38.5	16.8	−0.97	− 7.7	1.9/01.1	17339
2000 EK_{135}	2001 10 30.7	02 20.18	+34 06.6	16.6	−1.66	+ 4.0	8.9/03.5	18243
1998 BZ_{9}	2001 10 30.7	02 20.21	+09 04.1	19.2	−0.90	− 5.1	1.7/29.4	18157
1999 JF_{86}	2001 10 30.7	02 20.24	+00 16.0	19.3	−0.89	− 2.9	4.3/27.3	16995
1999 JX_{42}	2001 10 30.8	02 20.26	+20 19.8	18.3	−0.88	− 6.2	2.1/01.6	18207
1993 HV_{1}	2001 10 30.8	02 20.30	+16 25.8	18.7	−1.04	+ 1.5	0.7/31.3	18135
1999 AB_{23}	2001 10 30.8	02 20.30	−07 30.3	18.6	−0.86	− 2.4	6.4/25.3	18190
2000 EA_{94}	2001 10 30.8	02 20.32	+15 27.7	18.7	−1.05	− 8.1	0.5/31.2	18241
4179 T-3	2001 10 30.8	02 20.34	+09 37.2	18.3	−0.52	− 2.2	0.8/29.6	18514
2000 GK_{46}	2001 10 30.8	02 20.52	+14 53.7	18.3	−1.15	− 2.6	0.4/31.1	17261
1997 WG_{44}	2001 10 30.8	02 20.55	+04 43.7	17.2	−0.94	− 1.8	3.8/28.7	16778
1997 VE_{2}	2001 10 30.8	02 20.59	+10 59.3	17.3	−0.94	− 7.0	1.1/30.0	18153
1991 GO_{7}	2001 10 30.9	02 20.66	+15 44.4	19.4	−0.88	− 6.8	0.5/31.4	1408
1996 TZ_{13}	2001 10 30.9	02 20.67	+14 34.9	18.4	−0.85	− 6.0	0.2/31.1	18145
2001 QN_{139}	2001 10 30.9	02 20.83	+27 43.7	16.7	−1.13	− 3.1	5.4/03.4	17904
1996 NZ	2001 10 30.9	02 21.07	+14 22.7	19.4	−0.93	− 4.7	0.1/31.1	18144
7628 P-L	2001 10 30.9	02 21.07	+23 14.0	16.0	−1.21	+ 3.2	4.5/01.6	18512
1999 AG	2001 10 30.9	02 21.07	+05 43.7	17.8	−0.99	− 5.0	3.6/28.8	16901
2001 QJ_{67}	2001 10 30.9	02 21.08	−07 24.8	16.1	−0.79	− 6.3	8.8/24.3	17823
9063 P-L	2001 10 31.0	02 21.04	+12 16.2	16.7	−0.98	− 7.7	0.8/30.5	18512
2000 GN_{136}	2001 10 31.0	02 21.12	−02 23.8	17.2	−1.02	+ 1.4	6.5/27.8	2770
2000 GT_{162}	2001 10 31.0	02 21.18	+23 45.7	17.5	−1.17	− 0.5	3.8/02.2	18259
1999 FM_{29}	2001 10 31.0	02 21.22	+06 25.6	17.8	−0.86	− 3.9	2.5/29.0	18202
2000 SB_{130}	2001 10 31.0	02 21.22	+16 59.2	18.1	−0.54	− 5.5	0.6/32.0	17459

1993 FN$_{39}$	2001 10 31.0	02 21.23	+28 10.4	18.9	−0.98	− 0.6	4.0/03.4	16707
2001 QG$_{30}$	2001 10 31.0	02 21.24	+22 05.1	16.8	−0.98	− 0.7	2.8/02.0	18370
1999 CR$_{33}$	2001 10 31.0	02 21.27	+18 38.5	19.1	−0.94	− 4.4	1.5/01.3	18195
1981 EV$_{17}$	2001 10 31.0	02 21.30	+14 55.5	18.8	−0.98	− 5.6	0.3/31.3	2612
1997 NP$_{2}$	2001 10 31.0	02 21.35	+11 53.2	18.1	−1.01	− 7.0	0.8/30.5	18149
1998 FY$_{23}$	2001 10 31.0	02 21.35	+00 51.9	18.4	−0.75	− 5.5	4.0/27.2	18160
2000 GX$_{124}$	2001 10 31.1	02 21.47	+05 02.5	19.4	−0.99	− 4.5	3.2/28.8	2769
2000 NP$_{1}$	2001 10 31.1	02 21.60	−08 28.8	20.1	−0.76	− 3.4	6.4/24.9	3943
1996 YS	2001 10 31.1	02 21.72	+34 20.9	17.7	−0.87	− 5.0	7.6/06.3	16746
2000 QY$_{213}$	2001 10 31.1	02 21.76	+08 51.2	18.4	−0.53	− 2.6	1.1/29.7	18289
1996 TN$_{6}$	2001 10 31.2	02 22.00	+24 53.2	18.0	−1.11	0.0	4.1/02.6	18145
2000 GV$_{123}$	2001 10 31.2	02 22.02	+02 20.3	17.4	−0.92	− 5.6	4.5/28.1	17298
1996 RR$_{24}$	2001 10 31.2	02 22.02	+03 56.6	19.6	−0.82	− 6.4	3.4/28.3	3149
2000 SC$_{17}$	2001 10 31.2	02 22.03	+22 29.3	18.4	−0.53	− 3.2	1.5/02.7	18291
2000 KP$_{38}$	2001 10 31.2	02 22.04	−05 20.3	19.1	−0.93	− 1.5	6.4/26.7	18276
1995 SW$_{19}$	2001 10 31.2	02 22.10	+14 01.3	18.7	−0.79	− 3.7	0.0/31.2	18140
2000 KR$_{36}$	2001 10 31.2	02 22.16	−00 52.0	19.1	−0.84	− 6.4	5.7/27.0	17405
1999 CZ$_{117}$	2001 10 31.2	02 22.20	+21 11.8	18.0	−0.93	− 4.9	2.2/02.2	18198
2000 GJ$_{4}$	2001 10 31.2	02 22.33	+02 26.9	18.1	−1.60	+ 6.7	5.5/29.9	1591
2000 SU$_{333}$	2001 10 31.3	02 22.21	−01 07.3	17.9	−0.55	− 1.5	3.0/27.1	8510
1998 XK$_{17}$	2001 10 31.3	02 22.24	+25 32.7	17.8	−1.09	− 4.8	4.3/03.3	18185
2000 KE$_{62}$	2001 10 31.3	02 22.32	−09 27.4	18.4	−0.92	− 1.5	8.2/25.8	2790
2000 OC$_{11}$	2001 10 31.3	02 22.38	+21 01.5	17.7	−0.89	− 5.4	2.4/02.2	18283
2000 HO$_{76}$	2001 10 31.3	02 22.66	+08 53.8	17.4	−0.83	− 9.2	1.8/29.8	18266
1999 CR$_{50}$	2001 10 31.4	02 22.63	+34 35.6	17.4	−1.11	− 2.6	7.0/05.8	16930
2001 SW$_{65}$	2001 10 31.4	02 22.65	+02 39.6	18.9	−0.90	− 6.8	5.8/28.2	18089
1999 JZ$_{36}$	2001 10 31.4	02 22.70	+09 54.6	17.9	−0.89	− 1.4	1.3/30.4	18207
2000 QV$_{152}$	2001 10 31.4	02 22.88	+21 18.6	18.9	−0.80	− 4.2	1.9/02.4	16088
1988 SG$_{3}$	2001 10 31.4	02 22.99	−05 16.2	18.7	−0.55	− 0.9	3.6/26.3	18131
1998 FS$_{132}$	2001 10 31.4	02 23.03	+13 56.1	15.9	−0.79	− 3.5	0.1/31.4	16805
2000 RV$_{99}$	2001 10 31.4	02 23.04	+32 16.8	18.4	−0.61	− 3.7	3.6/06.2	13736
1999 JZ$_{2}$	2001 10 31.5	02 23.10	+10 51.8	18.9	−0.79	− 4.1	0.9/30.6	18206
1999 CC$_{44}$	2001 10 31.5	02 23.17	+13 48.8	18.1	−1.13	− 2.7	0.2/31.4	18195
2000 HU$_{21}$	2001 10 31.5	02 23.19	+15 19.7	17.1	−0.94	− 6.0	0.5/31.8	18261
2000 GV$_{35}$	2001 10 31.5	02 23.25	+17 56.2	17.8	−1.14	− 3.7	1.5/01.4	18251
2000 JH$_{29}$	2001 10 31.5	02 23.34	+18 40.2	18.3	−0.91	− 7.0	1.5/02.0	1644
2000 OE$_{13}$	2001 10 31.5	02 23.34	+16 10.2	18.3	−0.86	− 4.3	0.6/01.1	18283
1998 FW$_{73}$	2001 10 31.6	02 23.42	+47 50.2	18.9	−1.03	− 3.2	7.9/11.1	18161
1998 DD$_{25}$	2001 10 31.6	02 23.52	+14 54.2	19.9	−0.86	− 3.7	0.2/31.8	4367
1998 CA$_{5}$	2001 10 31.6	02 23.72	+26 12.2	17.9	−0.88	− 3.1	3.5/03.8	18158
1999 JG$_{83}$	2001 10 31.6	02 23.76	−03 48.4	18.2	−0.74	− 3.0	4.8/26.8	18208
2000 GR$_{53}$	2001 10 31.6	02 23.78	+14 40.6	18.0	−1.04	− 4.3	0.2/31.8	17264
1999 DW$_{7}$	2001 10 31.7	02 23.80	+30 03.5	18.2	−1.11	− 1.1	5.3/04.4	18200
2000 GH$_{96}$	2001 10 31.7	02 23.81	+17 54.7	18.7	−1.14	− 3.8	1.4/01.6	1607
2001 QP$_{104}$	2001 10 31.7	02 23.82	+25 37.2	17.1	−1.10	− 5.5	5.2/03.8	17867
1998 DF$_{14}$	2001 10 31.7	02 23.87	+12 21.8	19.6	−0.75	− 3.6	0.5/31.2	6203
1998 XU$_{95}$	2001 10 31.7	02 23.93	+02 34.0	17.8	−0.98	− 4.9	4.5/28.7	16892
2001 QB$_{65}$	2001 10 31.7	02 24.07	+05 01.5	17.8	−0.90	− 8.6	4.3/29.1	17820
2000 GM$_{125}$	2001 10 31.8	02 24.17	+02 24.1	17.7	−0.95	− 5.4	4.7/28.7	17299
2000 WN$_{2}$	2001 10 31.8	02 24.25	+10 43.3	17.5	−0.58	− 0.7	0.7/30.9	10998
2000 JW$_{41}$	2001 10 31.8	02 24.29	+13 19.4	20.4	−1.03	− 4.3	0.4/31.6	2526
1999 JH$_{47}$	2001 10 31.8	02 24.36	+06 34.0	18.2	−0.94	+ 0.6	2.4/30.2	18207
1997 XD$_{6}$	2001 10 31.8	02 24.41	+04 47.0	17.5	−1.15	+ 3.0	4.1/30.3	18156
2000 KL$_{48}$	2001 10 31.8	02 24.48	+15 02.0	18.8	−0.92	− 8.1	0.2/01.1	18277
2000 GK$_{88}$	2001 10 31.8	02 24.54	+03 30.0	18.0	−0.96	− 7.0	4.5/28.9	17282
2000 HO$_{42}$	2001 10 31.8	02 24.55	+11 16.0	18.7	−0.96	− 7.9	1.2/31.0	18263
1998 BA$_{21}$	2001 10 31.9	02 24.60	+09 11.3	18.8	−0.85	− 3.9	1.8/30.6	18158
1999 AF$_{21}$	2001 10 31.9	02 24.62	+14 07.9	18.1	−0.99	− 5.7	0.1/31.9	18190
1998 FO$_{122}$	2001 10 31.9	02 24.85	+17 41.0	18.2	−0.83	− 2.7	1.0/01.8	18161
2000 LB$_{8}$	2001 10 31.9	02 24.86	+21 23.7	18.7	−1.05	− 6.3	2.6/02.9	17422
2001 QT$_{263}$	2001 10 31.9	02 24.96	+19 05.2	17.4	−1.15	+ 0.8	1.9/02.0	17986
2000 KJ$_{83}$	2001 11 01.0	02 24.97	−05 59.9	19.0	−0.74	−10.1	6.4/25.4	18279
1997 RX	2001 11 01.0	02 25.31	+14 43.7	16.8	−0.88	− 5.9	0.2/01.2	18150
1996 GC$_{1}$	2001 11 01.0	02 25.40	+09 32.3	18.6	−0.96	− 5.0	1.7/30.8	18144
2000 JV$_{69}$	2001 11 01.1	02 25.37	−11 00.4	18.6	−0.88	− 3.2	9.0/25.5	2782
4029 T-3	2001 11 01.1	02 25.38	+09 37.9	18.3	−0.71	− 1.7	1.2/30.9	2805
2000 PK$_{2}$	2001 11 01.1	02 25.42	+13 25.9	20.0	−0.77	− 3.5	0.3/31.9	3720
2000 HM$_{6}$	2001 11 01.1	02 25.46	+16 00.9	17.4	−0.90	− 6.6	0.8/01.6	18260
1999 KX$_{8}$	2001 11 01.1	02 25.47	+10 55.8	18.1	−0.91	− 1.2	1.1/31.3	*38550*
1193 T-3	2001 11 01.1	02 25.50	+18 19.9	18.4	−0.53	− 5.3	0.8/02.4	16169
2000 RW$_{96}$	2001 11 01.1	02 25.53	+32 22.3	17.9	−0.59	− 5.2	3.6/07.0	18290
1999 JR$_{108}$	2001 11 01.1	02 25.55	+01 42.9	16.7	−0.93	− 2.5	5.8/28.9	18209
2000 SG$_{131}$	2001 11 01.1	02 25.58	+26 05.5	18.0	−0.57	− 4.1	2.3/04.7	13758
2000 KC$_{61}$	2001 11 01.1	02 25.70	+01 15.9	19.0	−0.97	− 2.1	4.7/29.2	2790
1999 LS$_{34}$	2001 11 01.2	02 25.76	+15 48.4	16.9	−0.85	− 7.3	0.5/01.6	17012
2723 P-L	2001 11 01.2	02 25.83	+09 44.1	18.7	−1.00	− 6.5	1.9/31.0	18511
2001 QK$_{150}$	2001 11 01.2	02 26.05	−04 41.1	15.6	−0.55	+ 3.6	11.7/28.0	17909
1999 JL$_{12}$	2001 11 01.2	02 26.11	−00 14.3	18.8	−0.83	− 4.9	4.6/28.2	18206
1996 NP$_{4}$	2001 11 01.2	02 26.13	+27 01.1	19.0	−1.00	− 4.3	3.9/04.6	18145
1998 YN$_{2}$	2001 11 01.3	02 26.13	+09 25.3	18.5	−0.99	− 4.2	1.8/31.0	18187
5008 T-2	2001 11 01.3	02 26.19	+24 54.5	18.6	−1.09	− 5.9	4.0/04.1	16169
2000 OJ$_{13}$	2001 11 01.3	02 26.23	−03 34.1	18.0	−0.79	− 3.1	5.8/27.5	18283
1999 AA$_{8}$	2001 11 01.3	02 26.35	+11 43.3	18.0	−1.10	− 2.7	1.0/31.7	*35442*
2000 GD$_{144}$	2001 11 01.3	02 26.46	+15 50.4	17.6	−1.12	− 1.3	11.9/22.0	18258
1997 NO$_{5}$	2001 11 01.3	02 26.52	−06 53.3	19.9	−0.60	+ 0.1	4.1/27.0	18149
2000 ED$_{172}$	2001 11 01.3	02 26.52	+16 34.5	17.9	−1.04	− 8.0	0.8/02.0	1583
2000 LA$_{20}$	2001 11 01.4	02 26.58	−06 36.1	18.1	−0.93	− 4.1	6.8/26.8	18280
1999 GJ$_{17}$	2001 11 01.4	02 26.64	+09 36.6	19.4	−0.88	− 4.2	1.5/31.2	18204
1999 GP$_{2}$	2001 11 01.4	02 26.65	+05 54.3	18.9	−0.78	− 4.3	2.8/30.1	16973
1998 BK$_{9}$	2001 11 01.4	02 26.69	+13 57.4	18.6	−0.78	− 4.3	0.2/01.3	18157
2000 JH$_{28}$	2001 11 01.4	02 26.71	+15 53.5	17.3	−1.15	+ 0.8	10.0/22.0	17370
1999 FS$_{34}$	2001 11 01.4	02 26.73	+27 06.2	18.3	−1.09	− 1.5	4.1/04.3	18203
2000 GT$_{88}$	2001 11 01.4	02 26.78	+03 36.1	17.9	−1.05	− 2.9	4.2/30.0	17282
2000 GP$_{91}$	2001 11 01.4	02 26.84	+02 44.5	18.5	−1.08	− 1.8	4.2/29.9	18255
2000 PH$_{16}$	2001 11 01.4	02 26.89	+27 28.1	18.9	−0.96	− 3.6	4.0/04.9	18285
2000 FX$_{49}$	2001 11 01.5	02 26.92	+18 54.5	18.4	−1.06	− 7.5	1.6/02.7	1590
1994 WO$_{3}$	2001 11 01.5	02 26.93	−27 09.7	15.3	−1.33	+20.0	23.6/04.0	7437
1981 EO$_{29}$	2001 11 01.5	02 26.95	+19 50.3	20.9	−0.62	− 3.3	1.1/03.0	*30755*
1999 CO$_{40}$	2001 11 01.5	02 27.04	−06 06.3	17.9	−0.91	− 1.5	6.6/27.7	18195
1995 FN	2001 11 01.5	02 27.10	+24 22.6	18.3	−1.04	− 1.7	3.0/03.8	18139
1999 JT$_{95}$	2001 11 01.6	02 27.31	+00 58.4	18.1	−0.76	− 5.5	4.4/28.7	18208
1998 DC$_{21}$	2001 11 01.6	02 27.34	+27 52.4	18.1	−0.95	− 2.5	4.2/04.9	18159

2001 SW_{55}	2001 11 01.6	02 27.46	−00 01.6	18.0	−0.79	− 7.4	6.5/28.3	18087
2000 ER_{148}	2001 11 01.6	02 27.54	+18 24.6	18.1	−1.13	− 3.4	1.5/02.5	18244
2001 SY_{4}	2001 11 01.6	02 27.62	−10 28.2	16.1	−0.59	− 8.9	11.3/23.7	18073
1998 FE_{81}	2001 11 01.6	02 27.72	+06 50.7	18.6	−0.76	− 3.0	2.0/30.7	16801
2000 SZ_{344}	2001 11 01.6	02 27.73	−08 29.3	19.2	−0.52	− 1.8	4.2/26.1	17465
2000 HP_{55}	2001 11 01.7	02 27.69	+18 23.9	17.9	−1.13	− 4.8	1.6/02.6	18265
2000 HO_{10}	2001 11 01.7	02 27.78	+12 21.7	17.8	−1.07	− 1.5	0.9/01.2	18261
2000 MG_{1}	2001 11 01.7	02 27.78	−28 26.7	19.4	−0.95	− 0.3	11.4/21.2	2571
1999 JF_{76}	2001 11 01.7	02 27.79	+16 51.1	18.8	−0.89	− 5.0	0.7/02.3	18208
1999 JM_{126}	2001 11 01.7	02 27.80	+20 22.8	16.7	−0.79	− 7.1	2.0/03.4	17003
2000 QN_{244}	2001 11 01.7	02 27.83	+14 52.1	18.5	−0.66	− 3.1	5.4/13.0	17454
2000 SA_{12}	2001 11 01.8	02 28.19	+45 56.1	18.0	−1.12	− 1.7	9.4/11.0	18291
1998 XG_{50}	2001 11 01.8	02 28.26	+23 43.4	18.3	−1.08	− 5.4	3.4/04.2	18186
1993 FA_{8}	2001 11 01.8	02 28.26	+10 45.6	18.9	−1.07	− 3.8	1.5/31.9	1411
1999 JK_{65}	2001 11 01.8	02 28.36	+07 29.9	17.5	−1.14	+ 0.6	3.1/31.5	18208
1999 AM_{5}	2001 11 01.8	02 28.46	+26 51.9	16.9	−1.25	− 0.1	5.5/04.3	18189
1998 BM_{30}	2001 11 01.8	02 28.50	+27 25.1	19.1	−0.88	− 3.6	3.5/05.3	3187
2000 OS_{41}	2001 11 01.9	02 28.57	+21 37.6	18.5	−0.84	− 7.2	2.1/04.0	18284
1999 JN_{82}	2001 11 01.9	02 28.59	+00 29.6	18.1	−0.75	− 4.7	4.1/29.0	18208
1995 SB_{80}	2001 11 01.9	02 28.61	+25 32.8	21.1	−0.92	− 2.3	3.4/04.6	15573
1999 FQ_{13}	2001 11 01.9	02 28.64	+11 40.9	18.4	−0.91	− 5.2	1.2/01.2	16963
2001 QK_{29}	2001 11 01.9	02 28.70	+17 29.2	16.2	−1.02	− 3.1	1.4/02.6	17777
1999 CN_{62}	2001 11 01.9	02 28.71	+04 59.4	17.3	−0.94	− 5.3	4.0/30.4	18196
2000 RS_{40}	2001 11 01.9	02 28.79	+32 33.7	18.5	−0.58	− 2.3	3.1/07.2	18290
1999 GP_{20}	2001 11 01.9	02 28.85	+14 55.2	16.5	−1.09	− 0.1	9.0/13.0	18204
1999 RS_{150}	2001 11 01.9	02 28.87	+30 07.6	18.0	−0.62	− 1.6	2.8/06.2	18211
1999 BP_{23}	2001 11 01.9	02 28.89	+10 07.7	17.9	−0.99	− 5.0	1.6/31.8	16916
2001 SG_{66}	2001 11 01.9	02 28.93	+06 19.9	17.8	−0.87	− 7.3	4.0/30.6	18089
2000 MH_{1}	2001 11 02.0	02 28.88	+53 45.4	19.3	−1.34	− 4.8	9.9/15.5	6274
2000 KJ_{55}	2001 11 02.0	02 28.89	+08 39.7	18.3	−1.07	− 3.9	2.3/31.6	2548
2001 SZ_{75}	2001 11 02.0	02 28.92	+13 49.5	17.1	−1.09	− 1.4	0.4/01.8	18091
1999 JM_{73}	2001 11 02.0	02 28.96	+08 50.8	17.4	−0.82	− 8.6	2.0/31.3	18208
2001 SS_{65}	2001 11 02.0	02 28.99	+05 09.4	17.5	−0.84	− 6.4	4.7/30.3	18089
1998 CE_{3}	2001 11 02.0	02 29.00	+28 12.8	17.2	−0.96	− 2.2	4.7/05.4	18158
2000 JQ_{75}	2001 11 02.0	02 29.12	+06 00.3	18.6	−1.01	− 4.9	3.4/30.9	18274
1995 FH_{1}	2001 11 02.0	02 29.13	+27 10.4	17.6	−1.10	− 1.3	4.1/04.9	18139
1999 JJ_{41}	2001 11 02.0	02 29.20	+13 22.2	19.0	−0.76	− 6.5	0.4/01.7	16990
2000 HW_{1}	2001 11 02.0	02 29.26	+08 33.9	18.1	−0.95	− 6.8	2.3/31.4	17317
1997 VH_{3}	2001 11 02.0	02 29.28	+12 57.8	18.0	−0.96	− 3.0	0.7/01.7	16769
2000 HQ_{5}	2001 11 02.0	02 29.33	+12 50.4	18.3	−1.13	− 1.6	0.8/01.7	18260
1997 UL_{3}	2001 11 02.0	02 29.35	+14 53.1	16.1	−1.22	+ 4.2	0.1/02.1	18152
2001 SQ_{66}	2001 11 02.1	02 29.31	+09 43.5	17.4	−0.79	− 5.7	1.7/31.7	18089
1995 LB	2001 11 02.1	02 29.37	+27 57.0	17.5	−1.09	−21.0	5.9/07.0	16726
2000 GE_{105}	2001 11 02.1	02 29.51	+13 03.6	19.0	−1.03	− 3.4	0.6/01.8	2768
1999 JS_{12}	2001 11 02.1	02 29.52	−00 15.8	17.1	−0.92	+ 1.3	4.7/30.2	18206
2000 JU_{75}	2001 11 02.1	02 29.55	+04 41.0	18.4	−1.01	− 5.0	3.8/30.6	18274
2000 NJ_{11}	2001 11 02.1	02 29.62	+06 14.2	18.6	−0.73	− 4.3	2.6/30.9	18282
2001 QH_{65}	2001 11 02.1	02 29.63	−09 36.3	16.3	−0.73	− 6.3	11.1/25.2	17820
2000 JW_{72}	2001 11 02.1	02 29.73	+06 24.0	18.6	−1.01	− 4.7	3.2/31.1	16081
2000 SG_{361}	2001 11 02.2	02 29.65	+03 29.2	19.2	−0.53	− 1.9	2.0/30.2	18296
2531 P-L	2001 11 02.2	02 29.68	+06 44.0	16.2	−0.80	− 7.7	3.6/30.9	18511
2000 OL_{38}	2001 11 02.2	02 29.68	+12 41.3	18.2	−0.86	− 6.8	0.6/01.6	18284
2000 KF_{60}	2001 11 02.2	02 29.69	+03 05.6	18.0	−0.99	− 0.7	5.3/30.7	17414
1981 EN_{41}	2001 11 02.2	02 29.72	+11 23.1	20.2	−0.88	− 4.4	1.1/01.3	2613
1998 XN_{10}	2001 11 02.2	02 29.79	+09 33.3	18.8	−1.01	− 5.0	1.9/31.9	18184
1999 LS_{15}	2001 11 02.2	02 29.80	−15 23.7	17.6	−0.72	− 4.8	8.5/23.7	18210
2001 QW_{74}	2001 11 02.2	02 29.80	+24 34.5	17.5	−1.21	− 3.0	4.3/04.6	17837
2000 OK	2001 11 02.2	02 30.10	+20 33.5	19.6	−1.03	− 5.4	2.0/03.8	5791
4285 T-3	2001 11 02.3	02 30.04	+00 03.5	18.2	−0.76	− 9.3	5.3/28.7	18122
1999 BJ_{13}	2001 11 02.3	02 30.15	+17 13.7	17.0	−0.99	− 5.7	1.1/03.0	18192
1999 JK_{38}	2001 11 02.3	02 30.18	+11 37.8	17.3	−0.74	−11.0	1.0/01.3	16989
1999 BZ	2001 11 02.3	02 30.24	−09 22.2	17.2	−1.08	+ 2.3	8.5/28.7	18191
1994 ED_{7}	2001 11 02.3	02 30.31	+20 27.3	17.6	−1.01	− 1.2	2.0/03.6	18137
2000 ON_{24}	2001 11 02.3	02 30.36	+36 37.0	18.3	−0.96	− 3.4	6.6/08.6	4966
1999 CX_{83}	2001 11 02.3	02 30.41	−11 36.0	17.9	−0.98	− 0.3	8.7/27.6	18197
2001 QN_{74}	2001 11 02.3	02 30.51	+13 34.2	17.9	−0.91	− 5.9	0.5/02.1	17836
1999 JZ_{54}	2001 11 02.3	02 30.51	+17 57.5	18.4	−0.89	− 5.5	1.0/03.2	18207
2001 QM_{30}	2001 11 02.4	02 30.54	+11 50.4	17.2	−0.85	− 5.7	1.0/01.6	17780
2000 FX_{41}	2001 11 02.4	02 30.56	+08 42.0	17.5	−1.13	+ 0.5	2.8/01.3	17241
2001 QM_{91}	2001 11 02.4	02 30.75	+11 49.9	18.0	−0.78	− 6.8	1.0/01.6	17852
1998 AT_{5}	2001 11 02.4	02 30.79	−01 20.0	18.2	−0.77	− 4.1	5.4/29.1	16785
2000 HP_{62}	2001 11 02.4	02 30.82	+04 43.2	16.6	−1.03	0.0	5.0/31.4	18265
2000 MR_{2}	2001 11 02.5	02 30.83	+13 27.2	18.1	−0.82	− 3.5	0.4/02.1	18281
2000 KU_{2}	2001 11 02.5	02 30.88	−09 06.5	19.3	−0.78	− 3.8	6.5/27.2	3936
2000 QM_{219}	2001 11 02.5	02 30.89	+25 56.4	18.6	−0.90	− 2.8	3.4/05.3	5895
2000 HL_{27}	2001 11 02.5	02 30.97	+09 06.3	19.7	−0.99	− 5.2	2.0/01.1	3579
2000 OF_{41}	2001 11 02.6	02 31.22	+16 20.1	18.1	−0.78	− 6.5	0.4/03.0	18284
1997 TS_{19}	2001 11 02.6	02 31.35	+16 42.4	19.9	−0.97	− 5.4	0.6/03.1	*34297*
2001 QP_{30}	2001 11 02.6	02 31.46	+12 33.9	17.0	−0.92	− 3.1	0.9/02.1	17780
2001 QB_{30}	2001 11 02.6	02 31.48	+19 55.6	16.6	−1.00	+ 0.1	2.2/03.7	17779
2001 QP_{74}	2001 11 02.6	02 31.48	+16 42.6	16.8	−0.95	− 3.1	0.7/03.1	17836
2000 LK_{14}	2001 11 02.6	02 31.58	+22 05.3	15.1	−0.75	−14.3	3.4/05.2	18280
2000 GB_{125}	2001 11 02.6	02 31.64	+01 41.1	18.8	−0.94	− 5.5	4.5/30.3	2769
1999 HA_{3}	2001 11 02.6	02 31.68	+13 02.5	18.3	−0.91	− 1.1	0.6/02.3	18205
2000 EM_{24}	2001 11 02.7	02 31.61	+20 56.5	19.1	−1.17	− 3.8	2.4/04.1	*40134*
2000 GB_{74}	2001 11 02.7	02 31.64	+16 00.1	17.6	−1.09	− 3.4	0.4/03.0	17273
1997 WV_{18}	2001 11 02.7	02 31.77	+09 52.1	19.8	−0.94	− 3.5	1.7/01.5	16774
2000 ST_{347}	2001 11 02.7	02 31.78	+35 30.1	19.2	−0.62	− 3.8	4.1/09.1	17465
1997 AU_{16}	2001 11 02.7	02 31.82	−37 35.7	17.6	−0.98	+ 2.3	18.7/18.0	16747
1997 PB	2001 11 02.7	02 31.87	+07 06.6	17.3	−1.03	− 4.1	3.2/31.9	18150
2000 LW_{30}	2001 11 02.7	02 31.87	+03 25.5	16.8	−1.07	+ 2.0	5.2/31.7	18281
2000 JJ_{33}	2001 11 02.7	02 31.90	+19 25.8	18.5	−1.06	− 5.3	1.7/03.9	17373
2000 ER_{92}	2001 11 02.8	02 32.16	+25 03.2	18.1	−1.19	− 4.7	3.9/05.3	18241
1997 YT_{8}	2001 11 02.8	02 32.23	+29 43.4	15.2	−0.78	−11.4	6.7/08.0	16783
1999 JD_{102}	2001 11 02.8	02 32.31	+09 18.4	19.3	−0.78	− 5.5	1.7/01.3	18209
2000 JQ_{5}	2001 11 02.8	02 32.45	+06 57.5	17.7	−0.99	− 3.0	3.1/01.1	1639
2000 KK_{63}	2001 11 02.8	02 32.45	+02 31.5	18.8	−1.00	− 4.8	4.9/30.8	2790
2000 JY_{4}	2001 11 02.9	02 32.45	+25 46.2	19.0	−1.33	− 0.3	4.7/05.1	17360
1998 FV_{130}	2001 11 02.9	02 32.54	+18 19.1	20.1	−0.82	− 2.8	0.9/03.8	16017
2000 GN_{31}	2001 11 02.9	02 32.66	+14 34.5	19.4	−1.09	− 4.3	0.2/02.9	1595
1996 XE_{32}	2001 11 02.9	02 32.81	+19 29.2	18.3	−0.90	− 2.0	1.4/04.0	18147
2000 EJ_{47}	2001 11 03.0	02 32.81	+19 51.1	17.8	−1.17	− 3.4	1.9/04.1	1574

2000 NS$_{11}$	2001 11 03.0	02 32.84	+17 32.6	18.7	−0.75	− 5.9	0.7/03.7	18282
2001 QV$_{30}$	2001 11 03.0	02 32.86	+24 23.7	17.1	−1.00	+ 0.7	2.7/05.0	17781
1992 ER$_{12}$	2001 11 03.0	02 32.92	+13 30.9	17.8	−0.98	− 5.5	0.5/02.6	*27729*
1981 EU$_{16}$	2001 11 03.0	02 32.92	+23 54.3	18.6	−1.08	− 3.6	4.0/05.1	*34481*
2000 NV$_{10}$	2001 11 03.0	02 33.02	+27 27.2	17.8	−0.89	− 2.5	3.4/06.2	18282
1999 LT$_{25}$	2001 11 03.1	02 33.22	+28 50.3	19.3	−0.81	− 5.2	3.4/07.0	13603
2000 HY$_{50}$	2001 11 03.1	02 33.28	+13 18.7	19.3	−1.09	− 3.2	0.7/02.7	11782
1999 BS$_{5}$	2001 11 03.1	02 33.31	+15 44.8	18.9	−0.99	− 4.9	0.2/03.3	18191
1995 UF$_{11}$	2001 11 03.2	02 33.62	+10 13.4	18.6	−0.74	− 6.3	1.5/01.8	18142
2000 JJ$_{57}$	2001 11 03.2	02 33.63	+00 33.0	16.4	−0.98	+ 1.7	5.6/31.6	18272
2000 JH$_{31}$	2001 11 03.2	02 33.63	+20 17.6	17.0	−0.96	− 8.6	2.3/04.7	17372
1995 SE$_{36}$	2001 11 03.2	02 33.73	+12 17.7	18.9	−0.81	− 4.2	0.8/02.5	16729
1981 EQ$_{35}$	2001 11 03.2	02 33.78	+13 10.8	21.4	−0.87	− 4.2	0.6/02.8	11459
1981 EF$_{7}$	2001 11 03.2	02 33.84	+19 21.9	17.9	−0.97	− 7.4	1.8/04.4	*33923*
2000 JC$_{16}$	2001 11 03.2	02 33.85	+09 34.5	19.2	−0.98	− 6.8	2.1/01.8	18269
2001 QD$_{75}$	2001 11 03.2	02 33.86	+16 16.5	17.7	−0.88	− 3.5	0.4/03.6	17837
1999 BG$_{15}$	2001 11 03.2	02 33.91	+29 37.9	17.2	−1.04	− 2.8	5.1/07.0	18192
2000 HO$_{94}$	2001 11 03.2	02 34.01	+18 23.2	18.2	−0.97	− 5.2	1.4/04.1	17355
1990 TB$_{2}$	2001 11 03.2	02 34.05	+25 14.9	17.9	−0.97	− 0.7	3.6/05.6	12104
1981 EM$_{33}$	2001 11 03.3	02 33.97	+35 51.1	17.2	−1.10	− 2.1	8.1/08.6	18129
2000 GN$_{135}$	2001 11 03.3	02 34.04	+01 54.2	17.5	−0.91	− 4.9	5.4/31.0	18258
1991 GU$_{6}$	2001 11 03.3	02 34.12	+22 01.4	18.1	−1.08	− 1.0	2.5/04.8	18132
2001 QP$_{29}$	2001 11 03.3	02 34.24	+04 03.3	16.3	−0.77	− 9.9	4.6/30.9	17777
2000 GA$_{95}$	2001 11 03.3	02 34.25	+23 00.1	17.1	−1.13	− 4.7	3.7/05.3	17285
1994 CX$_{13}$	2001 11 03.3	02 34.28	−13 22.5	17.9	−0.52	− 2.6	5.4/25.9	18137
2000 JD$_{6}$	2001 11 03.3	02 34.42	−40 27.1	18.6	−1.07	+ 1.5	15.8/19.9	3935
2000 OT$_{32}$	2001 11 03.3	02 34.46	+46 00.9	18.5	−1.03	− 3.3	9.1/12.7	4967
1999 DP$_{7}$	2001 11 03.4	02 34.45	+11 53.2	18.0	−1.03	− 3.6	1.2/02.7	18200
3039 T-1	2001 11 03.4	02 34.46	+16 34.3	20.2	−0.86	− 4.4	0.4/03.8	7407
2000 GO$_{104}$	2001 11 03.4	02 34.47	+09 05.5	17.4	−1.01	− 4.1	2.3/02.0	18256
1998 YN$_{9}$	2001 11 03.4	02 34.60	+26 54.9	17.6	−1.04	− 3.1	3.9/06.3	18188
1999 DU$_{2}$	2001 11 03.4	02 34.66	+16 05.9	18.1	−0.99	− 3.3	0.3/03.7	18199
2000 KW$_{74}$	2001 11 03.4	02 34.80	+08 39.3	17.7	−0.99	− 3.1	2.8/02.0	17419
2000 HR$_{43}$	2001 11 03.4	02 34.81	+15 26.5	17.7	−0.93	− 5.7	0.1/03.6	16073
2000 HP$_{9}$	2001 11 03.5	02 34.76	+12 50.6	18.3	−1.04	− 3.6	0.9/03.0	18261
1981 EF$_{22}$	2001 11 03.5	02 35.25	+12 51.6	18.9	−1.01	− 6.3	1.0/03.0	*26919*
2000 KQ$_{65}$	2001 11 03.6	02 35.30	+04 53.5	19.0	−0.87	− 9.1	3.4/31.6	2790
1999 FQ$_{21}$	2001 11 03.6	02 35.31	−00 35.0	19.2	−0.84	− 7.8	5.5/30.0	*35087*
1999 CU$_{80}$	2001 11 03.6	02 35.37	−08 36.8	17.4	−0.82	− 6.1	9.8/27.8	18197
2001 QJ$_{30}$	2001 11 03.6	02 35.43	+11 26.3	17.1	−0.80	− 9.1	1.3/02.5	17779
2001 QO$_{74}$	2001 11 03.6	02 35.54	+18 29.7	16.6	−0.95	− 2.7	1.4/04.5	17836
1999 BW$_{14}$	2001 11 03.6	02 35.56	+17 32.1	19.4	−1.00	− 4.4	0.8/04.2	*35732*
2000 JK$_{21}$	2001 11 03.7	02 35.61	+18 44.6	17.5	−1.05	− 4.2	1.4/04.6	17365
1999 CN$_{21}$	2001 11 03.7	02 35.72	+17 01.8	19.2	−1.08	− 4.0	0.7/04.2	3288
2000 NM$_{17}$	2001 11 03.7	02 35.90	+37 59.6	18.3	−0.99	− 2.2	6.3/09.9	18282
2000 QQ$_{152}$	2001 11 03.7	02 35.98	+25 59.6	18.4	−0.86	− 5.2	3.2/06.8	5018
2000 GV$_{121}$	2001 11 03.7	02 35.99	+05 42.6	20.4	−0.99	− 3.8	3.3/01.5	1613
2000 PB$_{20}$	2001 11 03.8	02 35.99	+36 55.3	17.4	−1.07	+ 0.1	6.9/08.7	18285
2000 KD$_{76}$	2001 11 03.8	02 36.04	−07 18.5	18.0	−0.82	− 6.9	9.1/28.1	18279
2001 QZ$_{30}$	2001 11 03.8	02 36.06	+21 26.3	16.0	−1.22	+ 2.1	2.5/04.9	17782
1999 JN$_{50}$	2001 11 03.8	02 36.11	+02 04.5	17.4	−0.83	− 0.6	4.0/31.9	18207
2000 SL$_{298}$	2001 11 03.8	02 36.15	+19 41.5	18.6	−0.51	− 2.9	0.7/05.1	18294
1999 BK$_{7}$	2001 11 03.8	02 36.35	+20 06.3	18.0	−1.05	− 3.9	2.1/05.0	16911
2000 FC$_{47}$	2001 11 03.8	02 36.35	+05 44.9	17.8	−1.08	− 1.6	3.5/01.9	18248
1997 WP$_{47}$	2001 11 03.8	02 36.40	+22 19.1	16.9	−1.04	− 6.1	2.7/05.8	18155
2000 GM$_{3}$	2001 11 03.8	02 36.40	−02 00.3	19.0	−0.89	−10.8	5.4/29.7	1591
2000 LD$_{5}$	2001 11 03.9	02 36.41	+07 18.9	18.6	−0.84	− 5.4	2.5/01.8	17422
2000 KV$_{35}$	2001 11 03.9	02 36.42	+07 04.2	18.7	−0.98	− 5.9	3.1/01.8	17405
1999 CF$_{1}$	2001 11 03.9	02 36.60	+01 35.7	16.7	−0.86	− 2.3	7.1/31.7	18193
2000 HT$_{27}$	2001 11 03.9	02 36.73	+17 54.4	18.6	−1.09	− 4.6	1.0/04.6	10958
1999 JY$_{9}$	2001 11 03.9	02 36.76	+00 53.4	19.0	−0.80	− 2.2	4.2/31.5	16985
2000 LP$_{24}$	2001 11 03.9	02 36.76	−08 03.1	17.8	−0.81	− 6.0	8.7/28.3	18281
2000 FG$_{37}$	2001 11 04.0	02 36.76	+10 38.8	18.3	−1.05	− 3.9	1.7/02.9	18248
1999 GT$_{4}$	2001 11 04.0	02 36.82	+14 58.7	18.5	−0.81	− 3.4	0.1/03.9	18203
1995 SC$_{4}$	2001 11 04.0	02 36.87	+17 16.0	17.8	−0.80	− 4.9	0.6/04.5	16728
1995 LV	2001 11 04.0	02 36.89	−04 44.7	18.9	−0.91	− 1.8	7.1/30.2	16005
2001 QP$_{282}$	2001 11 04.0	02 37.00	+05 40.9	16.8	−1.01	− 0.5	5.1/02.1	17995
1999 AX$_{24}$	2001 11 04.0	02 37.01	+10 04.1	19.3	−0.97	− 4.9	1.9/02.7	18190
1998 XS$_{96}$	2001 11 04.0	02 37.05	+09 20.7	17.1	−0.74	− 2.3	3.6/02.6	16893
2000 ST$_{222}$	2001 11 04.0	02 37.09	+23 34.0	19.1	−0.65	− 3.0	1.7/06.3	7191
2000 NV$_{22}$	2001 11 04.0	02 37.14	+21 27.9	18.8	−0.74	− 6.6	1.7/05.9	18282
1999 FL$_{8}$	2001 11 04.0	02 37.21	−03 21.8	18.4	−0.85	− 7.2	6.1/29.6	18201
1999 CQ$_{104}$	2001 11 04.1	02 37.17	+18 18.9	18.5	−1.00	− 5.4	1.0/04.9	18198
1999 JA$_{133}$	2001 11 04.1	02 37.49	+11 08.3	19.0	−0.77	− 6.5	1.3/03.0	17005
2000 JE$_{12}$	2001 11 04.2	02 37.53	+12 08.7	18.6	−1.11	− 2.5	1.2/03.5	1641
1999 JK$_{12}$	2001 11 04.2	02 37.53	+06 44.1	20.6	−0.87	− 2.9	2.4/02.1	*35451*
2000 NH$_{24}$	2001 11 04.2	02 37.71	−04 27.9	17.1	−0.96	+ 0.4	7.7/31.3	3947
2000 KJ$_{47}$	2001 11 04.2	02 37.93	−04 36.3	17.8	−0.91	− 2.1	6.4/30.7	18277
1999 LM$_{32}$	2001 11 04.2	02 37.93	+23 54.7	18.2	−0.90	− 6.9	2.7/06.7	5582
1993 FD$_{20}$	2001 11 04.2	02 37.96	+12 05.9	17.0	−1.13	− 0.9	1.6/03.6	18134
2000 SZ$_{135}$	2001 11 04.3	02 37.93	+01 18.8	18.2	−0.50	− 5.6	2.5/31.0	18292
2000 OX$_{25}$	2001 11 04.3	02 38.01	+24 14.4	17.9	−0.95	− 3.2	3.0/06.5	17437
2000 EB$_{22}$	2001 11 04.3	02 38.12	+28 47.7	16.0	−1.94	+11.2	7.2/05.3	18238
1996 HU$_{12}$	2001 11 04.3	02 38.16	+15 23.3	16.5	−1.09	− 2.0	0.0/04.3	16736
1981 EN$_{14}$	2001 11 04.3	02 38.22	+18 02.0	18.4	−1.02	− 5.3	1.0/05.0	15996
2001 QO$_{84}$	2001 11 04.4	02 38.48	+15 47.7	17.4	−0.87	− 4.6	0.1/04.5	17847
2000 JK$_{83}$	2001 11 04.4	02 38.64	+17 21.5	17.7	−0.86	−10.8	0.7/05.1	8474
2000 HG$_{28}$	2001 11 04.4	02 38.77	−03 51.7	18.2	−1.20	+ 2.4	6.7/01.3	2774
2000 KL$_{75}$	2001 11 04.5	02 38.77	+05 26.9	18.5	−1.01	− 2.7	3.8/02.3	2791
2000 GM$_{119}$	2001 11 04.5	02 38.78	+03 49.0	20.6	−0.92	− 5.4	4.3/01.6	*40271*
1998 BW$_{24}$	2001 11 04.5	02 38.79	−09 19.0	18.6	−0.75	− 2.7	6.3/28.9	18158
4692 P-L	2001 11 04.5	02 38.91	+11 52.0	18.9	−0.98	− 5.2	1.3/03.6	18512
1997 PP$_{3}$	2001 11 04.5	02 38.95	+25 29.6	18.3	−1.10	− 2.1	4.5/07.0	*30789*
2001 QR$_{74}$	2001 11 04.5	02 39.03	+29 59.0	16.5	−1.24	+ 0.5	7.3/07.6	17836
2000 HE$_{88}$	2001 11 04.5	02 39.05	+09 23.7	17.7	−1.06	− 1.9	2.3/03.3	18267
1997 OD$_{2}$	2001 11 04.5	02 39.16	+10 51.4	18.1	−0.91	− 5.1	2.3/03.4	16759
1999 FZ$_{38}$	2001 11 04.6	02 39.15	+21 12.9	17.6	−1.09	− 3.4	2.6/05.9	16970
1997 SS$_{3}$	2001 11 04.6	02 39.18	+14 14.3	16.6	−1.03	+ 0.2	0.6/04.4	16762
4093 P-L	2001 11 04.6	02 39.20	+10 01.5	18.6	−0.94	− 7.8	1.8/03.1	18511
2000 JA$_{73}$	2001 11 04.6	02 39.22	+03 18.1	18.5	−0.94	− 5.1	4.5/01.6	18273
2000 GX$_{91}$	2001 11 04.6	02 39.23	+02 22.8	16.9	−0.98	− 4.5	5.5/01.5	2768
2000 HF$_{54}$	2001 11 04.6	02 39.35	+16 49.5	17.7	−1.04	− 7.8	0.5/05.0	18264

1999 JG$_{112}$	2001 11 04.6	02 39.41	+14 03.3	16.7	−0.88	− 2.8	0.5/04.3	17001
2000 GF$_{143}$	2001 11 04.6	02 39.50	+03 13.2	18.5	−0.96	− 4.7	4.6/01.7	18258
2000 QV$_{65}$	2001 11 04.6	02 39.52	+05 07.0	18.9	−0.53	− 1.7	1.9/02.0	13688
2001 QQ$_{140}$	2001 11 04.6	02 39.56	+23 42.6	17.0	−1.00	− 7.2	3.6/06.9	17905
1999 CF$_{74}$	2001 11 04.6	02 39.59	+10 56.4	18.7	−0.98	− 5.7	1.9/03.5	*34605*
1993 FL$_{32}$	2001 11 04.7	02 39.55	+28 39.5	18.3	−0.92	− 3.0	4.1/08.0	18134
1999 JR$_{1}$	2001 11 04.7	02 39.62	+11 34.8	18.5	−0.86	− 3.2	1.3/03.8	16984
1992 DP$_{9}$	2001 11 04.7	02 39.67	+18 11.3	16.4	−0.79	− 4.7	1.1/05.4	18133
2000 SH$_{25}$	2001 11 04.7	02 39.75	−11 46.3	17.4	−0.70	− 7.3	8.3/27.1	18291
1999 JM$_{61}$	2001 11 04.7	02 39.79	+05 35.6	19.1	−0.81	− 1.9	2.7/02.4	18207
4329 T-1	2001 11 04.7	02 39.98	+14 44.2	18.0	−1.09	− 3.0	0.3/04.6	18513
2000 JJ$_{37}$	2001 11 04.8	02 39.90	+15 29.1	16.8	−1.17	− 1.3	0.0/04.8	18271
1998 WM$_{6}$	2001 11 04.8	02 39.98	+11 44.9	18.1	−1.10	− 4.1	1.6/03.9	18180
2001 QM$_{74}$	2001 11 04.8	02 40.20	+25 27.3	16.9	−1.14	− 1.0	5.1/07.0	17836
1999 CN$_{53}$	2001 11 04.8	02 40.21	+02 51.7	17.0	−0.96	− 3.5	5.4/01.8	18196
2000 EN$_{48}$	2001 11 04.8	02 40.39	+18 24.0	18.4	−1.16	− 3.4	1.2/05.5	18239
2000 LZ$_{14}$	2001 11 04.9	02 40.70	+05 54.9	18.3	−1.00	− 4.6	3.8/02.7	17425
2000 RU$_{69}$	2001 11 04.9	02 40.75	+27 41.4	17.9	−0.67	− 0.4	2.4/07.9	18290
1996 DW	2001 11 04.9	02 40.77	+25 14.0	18.7	−1.15	− 3.1	3.4/07.2	18143
1999 GK$_{23}$	2001 11 04.9	02 40.77	+11 37.7	17.6	−1.01	− 5.9	1.7/04.0	18204
2000 JM$_{1}$	2001 11 05.0	02 40.72	+04 25.4	18.1	−1.02	− 5.6	4.4/02.3	1639
1998 FE$_{94}$	2001 11 05.0	02 40.73	+15 39.5	18.3	−0.84	− 1.7	0.0/05.0	16802
2000 HV$_{83}$	2001 11 05.0	02 40.81	+02 03.1	18.6	−1.73	+10.0	6.9/04.0	3934
2001 QN$_{198}$	2001 11 05.0	02 40.85	+28 36.2	17.3	−1.23	+ 0.8	4.9/07.6	17943
2000 EX$_{105}$	2001 11 05.0	02 40.93	+12 37.1	18.7	−1.15	− 2.5	1.1/04.4	1577
1999 FT$_{33}$	2001 11 05.0	02 41.03	+07 07.7	19.1	−0.87	− 3.6	2.8/03.0	18202
2000 JA$_{60}$	2001 11 05.0	02 41.17	+23 02.7	17.0	−1.16	− 2.0	3.2/07.0	18272
1995 QZ$_{2}$	2001 11 05.1	02 41.09	+16 40.8	18.3	−0.85	− 3.5	0.3/05.4	16728
2000 NL$_{20}$	2001 11 05.1	02 41.17	+37 43.7	20.0	−0.94	− 5.3	6.3/11.7	4960
1991 KE	2001 11 05.1	02 41.23	−24 23.9	19.3	−0.89	− 1.3	10.8/25.8	18132
1981 ED$_{45}$	2001 11 05.1	02 41.43	+26 18.9	19.7	−1.10	− 4.1	4.2/07.7	*35678*
4140 P-L	2001 11 05.1	02 41.54	+00 44.2	16.2	−0.77	−10.5	6.4/31.4	18511
1997 PN$_{4}$	2001 11 05.1	02 41.54	+17 26.3	19.0	−1.04	− 6.0	0.6/05.6	1421
2000 HJ$_{57}$	2001 11 05.1	02 41.55	+07 39.1	18.7	−0.96	− 6.1	3.1/03.2	18265
1990 QC$_{10}$	2001 11 05.2	02 41.51	+23 55.8	18.2	−1.14	− 3.3	3.3/07.1	18131
2000 YV$_{135}$	2001 11 05.2	02 41.68	+03 08.9	17.9	−0.60	+ 0.2	2.2/02.3	18309
3073 P-L	2001 11 05.2	02 41.68	+13 55.6	18.8	−0.90	− 9.0	0.6/04.7	18511
1995 SZ$_{43}$	2001 11 05.2	02 41.69	+09 58.0	18.8	−0.74	− 5.5	1.5/03.7	18140
2000 QT$_{133}$	2001 11 05.2	02 41.69	+40 49.4	18.1	−1.17	− 2.1	7.7/11.5	9801
1999 JA$_{99}$	2001 11 05.2	02 41.73	−16 05.9	19.0	−0.80	− 0.8	8.1/28.4	2648
2001 QK$_{30}$	2001 11 05.2	02 41.80	+21 39.5	16.8	−1.12	− 0.9	2.6/06.5	17780
1999 CU$_{119}$	2001 11 05.2	02 41.92	+15 25.3	17.1	−1.08	− 0.3	0.1/05.2	18198
1997 UH$_{5}$	2001 11 05.2	02 41.95	+35 37.1	18.6	−1.07	− 4.6	6.4/10.5	18152
2000 PG$_{19}$	2001 11 05.3	02 41.90	+26 34.0	17.6	−0.97	− 1.6	3.5/07.8	17441
1997 WM$_{49}$	2001 11 05.3	02 41.92	+10 01.5	17.2	−0.89	− 5.4	2.2/03.9	18155
1990 RL$_{2}$	2001 11 05.3	02 41.93	+02 01.4	17.0	−0.96	− 7.3	5.8/01.7	18131
1999 JL$_{36}$	2001 11 05.3	02 41.99	+13 51.2	19.9	−0.86	− 4.8	0.6/04.8	16989
2000 EW$_{65}$	2001 11 05.3	02 42.02	+14 18.7	18.8	−1.09	− 5.2	0.6/05.0	723
1996 QZ	2001 11 05.3	02 42.06	+04 05.9	18.9	−0.85	− 4.4	4.3/02.4	*31142*
1275 T-1	2001 11 05.3	02 42.11	+22 58.9	18.4	−1.20	− 4.0	2.8/07.0	2802
2000 GS$_{87}$	2001 11 05.3	02 42.13	+06 22.6	18.0	−1.09	− 3.1	3.8/03.3	15750
2000 HZ$_{27}$	2001 11 05.3	02 42.22	−03 42.0	17.9	−0.98	−18.1	8.6/29.5	18262
2000 HD$_{9}$	2001 11 05.4	02 42.36	+13 07.8	17.5	−0.90	−10.4	1.0/04.6	18261
1998 XF$_{96}$	2001 11 05.4	02 42.37	−07 58.2	17.3	−0.92	− 2.3	8.2/30.9	18187
1997 VT$_{5}$	2001 11 05.4	02 42.47	+12 21.7	17.6	−1.04	− 0.6	1.3/04.8	18153
2001 QG$_{293}$	2001 11 05.4	02 42.57	+48 33.8	16.4	−1.14	−13.9	13.7/19.2	18002
1989 UQ$_{5}$	2001 11 05.4	02 42.66	+11 00.5	18.9	−0.51	− 2.7	0.9/04.2	18131
2001 QS$_{29}$	2001 11 05.4	02 42.74	+21 58.3	16.6	−1.09	+ 1.1	3.3/07.0	17778
1999 JD$_{77}$	2001 11 05.5	02 42.78	+00 37.5	17.7	−1.00	− 0.3	5.7/02.4	18208
1995 EB$_{5}$	2001 11 05.5	02 42.79	+09 11.6	18.3	−0.92	− 4.4	2.5/03.9	18139
2000 GD$_{133}$	2001 11 05.5	02 42.91	+14 16.3	17.4	−1.12	− 0.9	0.6/05.2	17301
2000 QM$_{38}$	2001 11 05.5	02 42.91	+15 50.6	18.3	−0.76	− 3.3	0.0/05.6	18286
2000 LY$_{10}$	2001 11 05.5	02 42.91	+02 04.9	19.1	−0.87	− 4.4	4.3/02.2	18280
1999 KA$_{15}$	2001 11 05.5	02 42.98	+03 09.3	18.8	−0.76	− 2.7	3.3/02.5	18209
1999 JL$_{94}$	2001 11 05.5	02 43.10	−08 13.2	17.8	−0.79	− 1.1	6.8/31.0	18208
1994 CJ$_{11}$	2001 11 05.5	02 43.11	−18 41.1	18.3	−0.82	− 4.9	12.1/25.7	18137
2000 KO$_{54}$	2001 11 05.6	02 43.10	−08 26.6	19.3	−0.95	− 0.9	8.5/31.5	2789
1998 FT$_{42}$	2001 11 05.6	02 43.14	+30 42.8	16.8	−0.99	− 1.0	5.5/09.0	18160
2000 HM$_{38}$	2001 11 05.6	02 43.23	+08 26.9	17.9	−0.90	− 5.2	3.1/03.8	18263
1999 DQ$_{2}$	2001 11 05.6	02 43.27	+22 57.0	17.5	−1.04	− 1.3	2.4/07.2	18199
2000 NC$_{24}$	2001 11 05.6	02 43.45	−14 19.1	17.7	−0.92	− 2.5	10.3/28.7	18282
1999 JK$_{51}$	2001 11 05.6	02 43.46	+10 32.1	18.2	−1.02	− 2.6	1.9/04.5	*35370*
1999 BA$_{9}$	2001 11 05.6	02 43.46	+36 11.2	18.3	−1.13	− 3.8	6.7/10.9	18191
2000 SY$_{68}$	2001 11 05.6	02 43.46	+18 43.3	19.4	−0.53	− 1.9	0.5/06.4	10980
2001 QF$_{152}$	2001 11 05.7	02 43.6	+75 56.3	17.8	−1.97	+ 6.5	32.3/18.0	17910
2000 GF$_{96}$	2001 11 05.7	02 43.60	+17 23.6	18.6	−1.01	− 7.6	0.6/06.1	2768
2655 P-L	2001 11 05.7	02 43.66	+29 01.9	18.5	−1.03	+ 0.9	4.9/08.4	*25969*
2000 LK$_{23}$	2001 11 05.7	02 43.73	+18 29.9	18.8	−0.87	− 7.4	0.8/06.5	5775
2000 OM$_{8}$	2001 11 05.7	02 43.79	+08 18.4	18.2	−0.76	− 5.6	2.2/03.7	18283
2000 LU$_{20}$	2001 11 05.7	02 43.84	+26 40.7	18.0	−0.91	− 6.4	3.3/08.8	17426
1996 XB$_{1}$	2001 11 05.7	02 43.86	+12 16.8	18.6	−0.91	− 0.5	1.2/05.0	16745
2000 ND$_{18}$	2001 11 05.7	02 43.91	+35 36.3	20.2	−0.95	− 3.1	5.2/11.1	4960
1999 JP$_{26}$	2001 11 05.8	02 43.87	+12 47.3	18.1	−0.83	− 4.2	1.0/05.0	18206
1997 PL$_{4}$	2001 11 05.8	02 44.00	+26 22.3	18.7	−1.15	− 3.2	4.0/08.2	*34296*
2000 OH$_{69}$	2001 11 05.8	02 44.00	+11 56.7	18.8	−0.86	− 4.4	1.3/04.8	17441
2001 QQ$_{282}$	2001 11 05.8	02 44.04	+03 59.5	17.3	−0.99	− 0.9	6.2/03.5	17995
1998 WB$_{9}$	2001 11 05.8	02 44.04	−25 16.6	15.9	−1.39	+18.3	21.6/09.4	18181
2000 JU$_{37}$	2001 11 05.8	02 44.20	+17 29.3	19.0	−0.97	− 4.8	0.5/06.3	2779
4566 P-L	2001 11 05.8	02 44.35	+09 32.7	18.7	−0.87	− 4.8	2.1/04.3	13514
2000 QM$_{87}$	2001 11 05.9	02 44.35	+11 27.4	19.0	−0.75	− 4.4	1.2/04.8	18287
1999 AA$_{9}$	2001 11 05.9	02 44.36	+05 56.2	17.4	−0.88	− 0.3	6.0/03.7	18190
1999 JQ$_{99}$	2001 11 05.9	02 44.48	−06 45.8	18.2	−0.88	− 5.3	8.0/30.5	16999
1998 HV$_{14}$	2001 11 05.9	02 44.49	+12 59.5	16.4	−0.82	− 3.0	0.9/05.2	16811
2000 LE$_{11}$	2001 11 05.9	02 44.53	−08 31.3	16.7	−0.83	− 3.7	10.9/30.3	17423
1999 JA$_{58}$	2001 11 05.9	02 44.70	+10 23.2	17.3	−0.87	− 1.3	1.7/04.8	18207
2001 QX$_{93}$	2001 11 05.9	02 44.76	+38 42.1	16.5	−1.13	− 1.1	9.8/11.4	18384
1999 CE$_{2}$	2001 11 06.0	02 44.70	+19 13.1	19.0	−1.04	− 4.3	1.2/06.8	16920
2000 AH$_{4}$	2001 11 06.0	02 44.77	−14 59.8	17.1	−1.52	+ 6.7	14.6/02.0	1560
1995 FQ$_{14}$	2001 11 06.0	02 44.88	−00 55.9	18.8	−0.79	− 7.7	7.1/01.2	18139
2000 OD$_{59}$	2001 11 06.0	02 44.89	+00 35.3	18.4	−0.88	− 4.0	5.0/02.2	17440
2001 QH$_{30}$	2001 11 06.0	02 45.03	+12 58.2	16.3	−0.93	− 7.9	1.3/05.3	17779
2000 QO$_{71}$	2001 11 06.0	02 45.07	+37 21.4	19.3	−0.92	− 2.4	6.0/11.6	13689

2000 JN$_{16}$	2001 11 06.0	02 45.09	+11 09.3	18.8	−1.03	− 3.9	1.8/05.0	2778
2000 HX$_{27}$	2001 11 06.0	02 45.16	+01 38.2	17.1	−1.62	+ 8.5	7.0/04.8	2774
1998 WC$_{14}$	2001 11 06.1	02 45.11	+16 35.3	17.8	−1.12	− 5.2	0.3/06.3	18181
1999 CH$_{19}$	2001 11 06.1	02 45.15	+10 37.5	18.5	−1.00	− 4.2	1.9/04.9	18194
1996 CG$_{8}$	2001 11 06.1	02 45.23	+09 36.6	19.1	−1.03	− 5.0	2.3/04.6	18143
1992 EC$_{9}$	2001 11 06.1	02 45.24	+01 14.9	17.3	−0.97	− 2.8	6.7/02.8	18133
1993 KV$_{2}$	2001 11 06.1	02 45.37	+05 03.7	18.1	−1.05	− 2.7	4.3/03.8	2617
1993 FY$_{10}$	2001 11 06.1	02 45.41	+08 17.2	19.0	−1.02	− 5.8	2.8/04.3	10828
1997 WD	2001 11 06.1	02 45.44	+08 04.2	17.5	−1.10	+ 1.8	3.1/04.8	18153
1998 FK$_{66}$	2001 11 06.2	02 45.48	+15 57.2	17.5	−0.85	− 3.5	0.0/06.2	16016
2000 QH$_{132}$	2001 11 06.2	02 45.75	+17 49.4	18.2	−0.89	− 4.4	0.6/06.7	17445
2000 LG$_{23}$	2001 11 06.2	02 45.75	+32 46.7	18.4	−1.00	− 5.3	5.2/10.8	18280
2000 HS$_{25}$	2001 11 06.2	02 45.77	+15 07.9	18.8	−1.00	− 5.4	0.3/06.0	18262
2000 QM$_{124}$	2001 11 06.2	02 45.82	+32 02.0	18.7	−0.61	− 2.0	2.9/10.6	18287
1999 CD$_{112}$	2001 11 06.3	02 46.00	+19 40.2	18.2	−0.95	− 8.0	1.3/07.3	18198
4760 P-L	2001 11 06.3	02 46.18	+04 21.6	19.5	−0.95	− 6.0	4.0/03.4	1382
2000 ON$_{40}$	2001 11 06.3	02 46.20	+52 55.7	20.3	−1.17	− 3.5	9.5/18.1	18284
1999 JH$_{21}$	2001 11 06.3	02 46.24	+17 26.1	18.7	−0.86	− 6.8	0.4/06.8	4934
2000 OR$_{13}$	2001 11 06.4	02 46.29	+48 27.5	16.5	−1.20	− 5.3	11.1/16.4	17435
1993 VS	2001 11 06.4	02 46.35	+13 03.8	16.6	−0.91	− 3.9	1.4/05.7	18136
6180 P-L	2001 11 06.4	02 46.38	+15 07.5	18.5	−0.91	− 5.1	0.3/06.2	1666
2000 JQ$_{51}$	2001 11 06.4	02 46.49	+21 31.4	18.2	−1.12	− 4.8	2.2/07.7	18272
1998 HB$_{84}$	2001 11 06.4	02 46.52	+05 58.1	17.1	−0.76	− 6.7	3.4/03.6	18163
1999 KM	2001 11 06.4	02 46.55	−02 30.4	18.4	−0.89	0.0	5.9/02.6	18209
2001 QR$_{282}$	2001 11 06.4	02 46.59	+01 51.5	17.1	−0.93	− 4.1	6.7/03.0	17995
2000 OS$_{29}$	2001 11 06.4	02 46.60	+34 46.0	18.5	−1.03	− 5.9	6.3/11.6	18284
2000 OD$_{58}$	2001 11 06.4	02 46.62	+27 41.2	18.4	−0.88	− 3.1	3.6/09.4	3959
1999 JP$_{83}$	2001 11 06.4	02 46.67	+08 17.3	19.5	−0.85	− 7.1	2.4/04.4	18208
1998 GL$_{8}$	2001 11 06.4	02 46.72	−05 31.4	17.4	−0.75	− 3.7	6.4/31.7	18162
1999 FZ$_{23}$	2001 11 06.5	02 46.66	+10 44.3	18.2	−0.99	− 5.4	2.2/05.2	18202
2001 QW$_{29}$	2001 11 06.5	02 46.69	+09 53.6	16.1	−0.92	− 2.9	3.1/05.1	17778
1998 XV$_{16}$	2001 11 06.5	02 46.80	+04 40.3	17.1	−1.03	− 1.3	4.9/04.2	18184
1990 TO$_{14}$	2001 11 06.5	02 46.86	+07 29.5	16.0	−0.98	−22.2	4.0/03.5	18132
1999 KC$_{17}$	2001 11 06.5	02 46.88	+17 19.3	17.5	−0.79	− 7.3	0.4/06.9	18210
2000 HD$_{81}$	2001 11 06.5	02 46.92	+20 59.7	16.8	−1.06	− 5.0	2.3/07.7	18267
1999 KC$_{11}$	2001 11 06.5	02 46.98	+22 22.4	19.4	−0.78	− 5.5	1.7/08.3	17006
1997 UV$_{21}$	2001 11 06.5	02 47.04	+11 53.7	16.8	−1.16	+ 1.6	1.8/05.9	18153
2000 NB$_{15}$	2001 11 06.6	02 47.07	+35 27.9	19.4	−1.05	− 3.6	5.9/11.5	4959
1999 JK$_{42}$	2001 11 06.6	02 47.15	+17 43.3	17.2	−0.83	−11.0	0.6/07.0	18207
2000 FJ$_{23}$	2001 11 06.6	02 47.26	−01 53.4	18.6	−1.02	− 2.7	6.9/02.8	1585
2001 QC$_{30}$	2001 11 06.6	02 47.34	+11 02.2	17.2	−0.96	− 4.5	2.4/05.5	17779
1997 WG	2001 11 06.6	02 47.40	+16 24.2	16.8	−1.02	− 1.3	10.6/27.0	16770
1994 EC$_{6}$	2001 11 06.6	02 47.49	+11 22.9	17.1	−0.92	− 2.5	1.7/05.6	18137
1999 GH$_{34}$	2001 11 06.6	02 47.53	+14 36.7	19.2	−0.92	− 5.5	0.5/06.3	3908
2000 GY$_{33}$	2001 11 06.7	02 47.47	+16 47.3	17.6	−1.05	− 5.3	10.2/27.0	1595
1995 SM$_{24}$	2001 11 06.7	02 47.51	+15 25.3	19.3	−0.81	− 3.0	0.2/06.5	15572
1994 CE$_{4}$	2001 11 06.7	02 47.54	+09 27.3	18.2	−0.89	− 4.8	2.7/05.1	6718
1999 RK$_{225}$	2001 11 06.7	02 47.65	+02 44.4	18.6	−0.50	− 2.5	2.4/03.2	9750
1995 BG$_{5}$	2001 11 06.7	02 47.65	+26 01.9	19.0	−1.05	− 5.0	3.6/09.2	6723
1999 CE$_{68}$	2001 11 06.7	02 47.65	+14 18.3	17.6	−0.97	− 7.0	0.7/06.3	18196
1996 EH$_{2}$	2001 11 06.7	02 47.71	+21 05.0	17.4	−1.08	− 6.0	1.8/08.0	16006
4517 T-3	2001 11 06.7	02 47.75	+05 36.8	19.6	−1.00	− 5.7	4.1/04.2	2806
2000 GL$_{99}$	2001 11 06.7	02 47.80	+17 44.0	17.4	−1.06	− 6.7	0.6/07.2	16068
1992 EE$_{5}$	2001 11 06.7	02 47.81	+26 43.1	17.9	−1.15	− 2.2	4.6/09.0	18133
2001 QY$_{75}$	2001 11 06.7	02 47.91	+22 57.8	17.1	−1.15	− 0.2	2.5/08.1	17837
1999 JH$_{46}$	2001 11 06.8	02 47.87	+14 39.3	19.9	−0.73	− 6.2	0.4/06.4	5547
1999 GP$_{19}$	2001 11 06.8	02 47.89	+23 33.7	18.0	−1.13	+ 0.2	2.6/08.2	16976
2001 QM$_{269}$	2001 11 06.8	02 47.90	+01 03.1	16.8	−0.92	− 4.2	7.4/03.3	17988
1999 FV$_{51}$	2001 11 06.8	02 48.05	+17 04.2	16.7	−0.96	− 5.5	12.0/18.0	16972
1998 FP$_{57}$	2001 11 06.8	02 48.32	+06 08.1	18.9	−0.74	− 6.5	2.9/04.1	18160
2000 KQ$_{53}$	2001 11 06.8	02 48.33	+19 52.3	18.8	−0.97	− 4.6	1.3/07.8	17410
2000 KY$_{49}$	2001 11 06.9	02 48.28	+12 22.2	17.3	−0.92	− 8.4	1.7/05.9	18277
4268 T-3	2001 11 06.9	02 48.36	+10 35.1	18.1	−1.16	− 1.0	2.5/05.8	*36125*
1993 RF$_{11}$	2001 11 06.9	02 48.37	+07 02.3	19.2	−0.93	− 5.9	3.3/04.6	10304
1999 CS$_{26}$	2001 11 06.9	02 48.44	+12 42.4	18.2	−1.01	− 3.5	1.3/06.1	2642
2001 QE$_{147}$	2001 11 06.9	02 48.45	−01 21.6	17.1	−0.94	− 5.5	7.1/02.3	17908
2000 PF$_{9}$	2001 11 06.9	02 48.48	−11 25.2	19.1	−0.96	+ 2.8	9.0/01.7	18285
1999 FX$_{9}$	2001 11 06.9	02 48.49	+29 11.3	18.2	−1.15	− 0.7	4.6/09.6	16962
1999 CR$_{52}$	2001 11 06.9	02 48.53	+06 02.8	18.0	−0.98	− 0.5	3.4/05.0	16033
2000 GC$_{75}$	2001 11 06.9	02 48.58	+06 51.0	17.6	−0.84	−10.3	3.2/04.2	18253
2000 KM$_{1}$	2001 11 06.9	02 48.60	−17 27.9	17.9	−1.13	+ 2.6	11.7/01.5	2783
2000 OU$_{29}$	2001 11 06.9	02 48.61	+30 56.4	17.8	−0.89	− 5.2	4.7/11.0	17437
2000 FB$_{44}$	2001 11 06.9	02 48.67	+10 12.6	17.8	−1.18	− 0.8	2.6/05.9	18248
2000 GM$_{72}$	2001 11 06.9	02 48.68	+15 03.6	17.4	−1.05	− 2.1	10.2/27.0	17273
1994 VC$_{5}$	2001 11 06.9	02 48.73	+19 43.0	17.2	−1.04	− 3.9	1.6/07.8	3132
1998 FB$_{102}$	2001 11 07.0	02 48.65	+40 06.6	20.3	−1.05	− 0.9	6.5/12.5	4393
2000 HF$_{51}$	2001 11 07.0	02 48.65	+13 04.1	18.8	−0.96	− 4.8	1.2/06.2	18264
1999 CK$_{84}$	2001 11 07.0	02 48.72	+18 58.3	17.1	−1.05	− 4.2	1.1/07.6	16034
2000 HK$_{20}$	2001 11 07.0	02 48.75	+16 45.3	18.1	−0.99	− 8.2	0.2/07.2	2506
1997 SN$_{18}$	2001 11 07.0	02 48.82	+19 40.5	20.0	−1.08	− 4.3	1.4/07.8	18151
2000 LK$_{12}$	2001 11 07.0	02 48.84	+10 05.6	17.9	−0.76	− 6.3	1.8/05.4	18280
1981 ET$_{2}$	2001 11 07.0	02 48.87	+21 40.7	19.8	−0.83	− 5.8	1.7/08.5	*30779*
1999 CC$_{4}$	2001 11 07.0	02 48.92	+05 56.3	17.5	−1.00	− 4.9	4.4/04.6	16920
2001 SC$_{68}$	2001 11 07.0	02 48.92	+06 06.6	17.9	−0.84	− 8.9	3.9/04.2	18090
1996 TB$_{55}$	2001 11 07.0	02 48.97	+18 35.5	16.9	−0.76	−11.5	1.0/07.8	16742
1990 VV$_{11}$	2001 11 07.1	02 49.05	+14 51.2	16.8	−0.82	− 2.3	0.6/06.8	18132
2001 RV$_{75}$	2001 11 07.1	02 49.09	+10 56.1	16.9	−0.95	− 5.1	2.5/05.8	18044
1999 JY$_{98}$	2001 11 07.1	02 49.12	−02 20.9	20.0	−0.73	− 4.1	4.9/02.3	6236
1999 DN$_{6}$	2001 11 07.1	02 49.20	+00 52.8	17.7	−0.90	− 4.6	5.1/03.2	18200
2000 HR$_{51}$	2001 11 07.1	02 49.36	+14 04.6	18.7	−1.00	− 5.0	0.8/06.6	18264
4826 P-L	2001 11 07.1	02 49.40	+15 25.1	18.9	−0.85	− 4.2	0.3/07.0	7402
1999 AK$_{25}$	2001 11 07.2	02 49.50	+16 53.3	18.7	−1.03	− 4.2	0.2/07.3	16907
2000 GZ$_{7}$	2001 11 07.2	02 49.58	+03 07.6	17.4	−1.00	− 3.7	5.0/04.3	18250
2042 P-L	2001 11 07.2	02 49.64	+17 14.6	17.3	−0.98	− 6.7	0.4/07.5	16166
2000 QY$_{10}$	2001 11 07.2	02 49.83	+14 35.2	19.3	−0.81	− 4.0	0.5/06.9	16087
2001 QS$_{84}$	2001 11 07.2	02 49.90	+44 52.4	16.4	−2.16	+18.3	14.4/06.2	17847
2001 QT$_{30}$	2001 11 07.3	02 49.92	+16 09.7	17.3	−0.87	− 4.3	0.1/07.3	17781
1999 KS$_{17}$	2001 11 07.3	02 49.92	+12 04.0	18.3	−0.87	− 3.0	1.5/06.3	17007
2000 OE	2001 11 07.3	02 49.92	+18 44.0	17.9	−1.12	+ 0.5	0.9/07.8	18282
2000 NT$_{9}$	2001 11 07.3	02 50.20	+08 32.6	17.9	−0.86	− 6.9	2.6/05.3	17432
1996 GR	2001 11 07.3	02 50.23	+12 38.5	18.5	−1.06	− 4.1	1.4/06.5	18144
1998 WX$_{5}$	2001 11 07.3	02 50.34	+13 15.9	17.0	−1.13	− 3.8	1.2/06.7	18180

1999 CQ_{68}	2001 11 07.4	02 50.31	+18 06.7	19.3	−0.99	− 5.0	0.6/07.8	3295
1998 BW_{26}	2001 11 07.4	02 50.39	+10 04.2	17.5	−0.92	− 4.5	2.6/05.9	16787
2000 KS_{73}	2001 11 07.4	02 50.43	+06 45.7	19.6	−1.01	− 3.6	3.4/05.3	5772
1995 UR_{53}	2001 11 07.4	02 50.48	+18 50.1	16.8	−0.83	− 3.8	0.9/08.1	18142
1999 JK_{76}	2001 11 07.4	02 50.58	+06 37.7	19.5	−0.83	− 1.2	2.4/05.4	4939
1998 YP_{20}	2001 11 07.4	02 50.67	+03 51.3	18.2	−1.04	− 1.1	5.7/05.0	18188
2000 HY_{52}	2001 11 07.4	02 50.70	+11 10.3	16.8	−1.10	+ 0.5	2.6/06.6	18264
1996 TK_{11}	2001 11 07.5	02 50.65	+17 45.5	17.8	−0.92	− 2.4	0.6/07.8	18145
2000 OK_{43}	2001 11 07.5	02 50.66	+38 21.7	18.1	−0.94	− 3.4	5.9/13.3	18284
2001 RS_{75}	2001 11 07.5	02 50.68	+10 08.3	17.0	−0.94	− 3.3	3.1/06.1	18044
1998 DH_{1}	2001 11 07.5	02 50.89	+19 20.1	19.7	−0.85	− 3.5	0.8/08.3	6769
2000 LY_{31}	2001 11 07.5	02 50.90	+20 20.9	19.0	−0.84	− 4.4	1.1/08.6	4956
2000 JZ_{21}	2001 11 07.5	02 51.00	+20 27.2	18.0	−1.05	− 4.3	1.7/08.5	18269
1999 FN_{31}	2001 11 07.5	02 51.06	+17 16.7	17.3	−0.94	− 1.9	0.3/07.8	18202
1998 XK_{96}	2001 11 07.6	02 51.06	+16 43.1	18.1	−1.07	− 4.1	0.1/07.7	*34034*
2000 GE_{75}	2001 11 07.6	02 51.08	+10 54.1	17.5	−0.97	− 7.6	2.4/06.2	17274
1997 TC_{26}	2001 11 07.6	02 51.08	+16 38.8	17.5	−1.08	− 0.8	0.1/07.7	18152
1999 BM_{5}	2001 11 07.6	02 51.14	+13 49.4	16.1	−0.96	− 3.4	1.3/07.0	18191
1991 AU_{2}	2001 11 07.6	02 51.35	+23 21.3	19.2	−1.04	− 4.6	2.5/09.3	9668
1999 CZ_{73}	2001 11 07.6	02 51.46	−05 59.2	18.7	−0.86	− 4.9	7.5/01.9	18197
1997 RQ_{9}	2001 11 07.6	02 51.47	+21 37.8	18.9	−1.07	− 4.7	2.1/08.9	16011
1996 RN_{23}	2001 11 07.6	02 51.47	+20 07.8	21.0	−0.94	− 3.7	1.1/08.6	8015
1989 WJ_{2}	2001 11 07.7	02 51.46	−19 37.9	17.1	−0.60	+ 0.4	6.6/29.7	16699
6706 P-L	2001 11 07.7	02 51.46	+20 52.0	17.3	−1.01	+ 0.5	2.2/08.5	18512
1999 GC_{61}	2001 11 07.7	02 51.56	+19 06.7	19.2	−0.97	− 3.4	0.9/08.3	16982
2001 QC_{31}	2001 11 07.7	02 51.61	+18 48.7	16.9	−1.12	+ 0.4	0.9/08.2	18370
2000 LX_{34}	2001 11 07.7	02 51.62	+08 09.4	18.1	−0.97	− 6.4	3.5/05.7	18281
2000 HO_{69}	2001 11 07.7	02 51.66	+11 29.9	19.1	−1.00	− 4.6	1.9/06.6	17344
2000 LU_{7}	2001 11 07.7	02 51.66	+20 27.9	15.4	−0.73	−14.1	1.7/09.1	18280
2000 GN_{147}	2001 11 07.7	02 51.68	+19 06.9	17.5	−1.07	− 7.0	1.1/08.4	17305
2000 JE_{7}	2001 11 07.7	02 51.71	+14 07.3	18.6	−1.08	− 2.5	0.8/07.3	17361
1998 FZ_{82}	2001 11 07.7	02 51.84	+33 52.2	16.8	−1.06	− 0.1	5.5/11.5	16801
1999 JL_{33}	2001 11 07.7	02 51.90	+17 32.6	18.6	−0.86	− 4.0	0.3/08.1	16038
2000 ON_{34}	2001 11 07.7	02 51.90	+10 40.3	17.8	−0.84	− 6.0	1.8/06.3	17438
2000 SB_{310}	2001 11 07.8	02 51.97	+44 58.0	19.6	−0.69	− 2.7	5.0/16.3	8509
1998 DH_{13}	2001 11 07.8	02 52.04	−08 33.7	19.4	−0.74	− 7.2	7.3/31.3	16015
1999 FW_{38}	2001 11 07.8	02 52.14	+24 56.6	16.4	−1.04	− 3.3	4.0/09.8	16970
1999 GO_{45}	2001 11 07.8	02 52.16	+09 42.1	17.6	−1.11	+ 2.7	2.7/06.8	16980
2000 GN_{80}	2001 11 07.8	02 52.26	+19 23.5	19.4	−1.19	− 1.5	1.1/08.4	1604
2000 HH_{14}	2001 11 07.9	02 52.34	−05 19.9	17.3	−0.88	− 3.8	7.7/02.8	18261
2001 QS_{197}	2001 11 07.9	02 52.40	+18 14.4	17.5	−0.85	− 9.6	0.9/08.4	17943
1999 GX_{23}	2001 11 07.9	02 52.42	+28 19.8	17.3	−1.23	+ 1.6	4.8/10.0	18204
2000 OO_{57}	2001 11 07.9	02 52.60	+23 49.6	19.5	−0.88	− 3.4	2.1/09.7	3959
2000 HR_{27}	2001 11 07.9	02 52.66	+14 38.7	17.4	−1.10	−20.6	0.8/07.4	17328
1997 RX_{2}	2001 11 07.9	02 52.73	+28 41.4	19.6	−1.15	− 4.8	4.8/10.9	14753
1997 TN_{18}	2001 11 08.0	02 52.65	+11 45.8	18.6	−1.03	− 4.0	1.9/06.9	18152
1998 AH	2001 11 08.0	02 52.66	+21 15.1	16.0	−0.97	− 0.7	2.3/09.0	18157
1999 FJ_{17}	2001 11 08.0	02 52.72	+02 56.1	19.9	−0.82	− 6.8	3.8/04.3	4433
2000 GD_{52}	2001 11 08.0	02 52.74	+18 21.7	16.0	−1.21	+ 0.5	0.9/08.3	18252
1996 XD_{6}	2001 11 08.0	02 52.93	−02 18.2	17.9	−0.88	+ 0.7	6.0/04.3	18147
2000 KP_{73}	2001 11 08.0	02 52.96	+15 09.8	17.8	−0.80	− 6.2	0.4/07.7	18278
2000 EX_{19}	2001 11 08.0	02 53.05	+09 16.0	17.6	−1.10	− 2.6	2.8/06.6	1572
1995 SJ_{4}	2001 11 08.0	02 53.05	+32 55.4	17.4	−0.87	− 9.1	5.2/13.2	4890
2001 QD_{182}	2001 11 08.1	02 53.12	+16 16.2	17.4	−1.01	− 0.3	0.1/08.1	17936
1998 AB_{1}	2001 11 08.1	02 53.26	−17 20.0	18.0	−0.88	− 0.8	12.0/30.5	18157
1998 DS_{23}	2001 11 08.1	02 53.30	+27 00.2	18.1	−1.07	+ 1.6	5.0/10.0	16792
1997 SF_{18}	2001 11 08.1	02 53.31	+16 14.8	18.6	−1.04	− 3.2	0.1/08.1	3880
1981 EX	2001 11 08.1	02 53.32	+32 32.0	17.8	−1.09	− 1.7	5.0/11.6	18129
2000 LJ_{24}	2001 11 08.1	02 53.33	+01 18.8	17.7	−0.87	− 6.3	5.0/04.2	17427
1997 RF_{3}	2001 11 08.1	02 53.34	+09 57.5	19.1	−1.00	− 5.5	2.3/06.6	18150
2000 GD_{71}	2001 11 08.1	02 53.40	+12 49.9	16.6	−0.97	− 6.6	1.5/07.2	18253
1999 CE	2001 11 08.1	02 53.42	+16 36.9	16.4	−1.13	+ 0.6	0.0/08.2	18193
2000 OG_{32}	2001 11 08.1	02 53.43	+30 26.2	18.4	−0.90	− 4.2	4.2/11.7	13671
1997 WM_{56}	2001 11 08.1	02 53.52	+12 15.6	18.7	−0.98	− 4.0	1.4/07.2	6762
2000 GN_{19}	2001 11 08.2	02 53.46	+20 59.5	17.8	−1.16	− 4.3	1.8/09.2	18250
2000 QY_{226}	2001 11 08.2	02 53.47	+23 17.4	19.0	−0.79	− 5.1	2.1/10.0	8485
1999 CG_{158}	2001 11 08.2	02 53.51	+50 18.4	20.0	−1.30	− 3.4	9.2/17.6	13590
2001 QZ_{29}	2001 11 08.2	02 53.53	−00 20.9	15.4	−0.79	− 8.4	7.7/03.5	17778
2000 SH_{45}	2001 11 08.2	02 53.55	+28 13.0	18.3	−0.82	− 7.1	3.4/11.5	17458
2000 EK_{40}	2001 11 08.2	02 53.65	+11 52.1	18.9	−1.10	− 5.4	1.9/07.2	18238
1996 PH	2001 11 08.2	02 53.83	+20 39.5	20.2	−0.97	− 4.3	1.3/09.2	3876
2000 GV_{2}	2001 11 08.2	02 53.83	+09 31.1	17.0	−1.18	− 1.5	3.0/07.0	750
2001 QZ_{263}	2001 11 08.2	02 53.87	+16 11.6	17.2	−1.11	+ 0.6	0.2/08.2	17986
2001 SC_{110}	2001 11 08.2	02 53.87	+27 16.6	18.5	−1.18	− 2.1	5.2/10.6	18095
1999 CC_{49}	2001 11 08.2	02 53.89	−09 00.9	18.0	−0.83	− 2.4	7.7/02.5	16929
2000 KB_{47}	2001 11 08.3	02 53.92	−02 50.2	18.1	−0.89	− 2.0	6.6/04.1	3937
2001 QB_{31}	2001 11 08.3	02 53.94	+13 19.5	16.9	−0.97	− 3.0	1.3/07.6	17782
1998 XL_{24}	2001 11 08.3	02 53.95	+04 51.2	19.0	−1.01	− 2.7	4.4/05.8	18185
1981 ET_{6}	2001 11 08.3	02 54.00	+29 20.7	19.7	−0.71	− 2.6	2.7/11.5	*26916*
1998 DT_{37}	2001 11 08.3	02 54.03	+23 03.4	22.1	−0.82	− 3.4	1.6/09.9	6771
1999 JC_{84}	2001 11 08.3	02 54.03	−03 52.5	18.0	−0.90	− 1.4	6.8/03.8	18208
1994 RW_{15}	2001 11 08.3	02 54.09	+02 17.9	18.9	−1.04	− 4.9	5.6/05.1	18138
2000 QV_{2}	2001 11 08.3	02 54.09	+30 05.6	17.1	−0.89	− 3.1	4.0/11.6	18286
2000 NB_{7}	2001 11 08.3	02 54.10	+06 32.8	20.0	−0.81	− 4.3	3.4/05.9	17432
2001 QU_{93}	2001 11 08.3	02 54.17	+19 28.3	17.2	−0.88	− 1.8	1.0/09.0	17853
2000 JG_{57}	2001 11 08.3	02 54.22	+11 24.0	18.0	−0.93	− 5.1	1.9/07.1	18272
1988 SJ_{2}	2001 11 08.3	02 54.24	+00 49.4	19.8	−0.50	− 3.0	2.8/04.2	9015
2000 OK_{55}	2001 11 08.3	02 54.25	+13 03.3	18.0	−0.86	− 4.0	1.2/07.5	18284
2000 HR_{13}	2001 11 08.3	02 54.27	+16 44.6	19.6	−1.01	− 5.0	0.0/08.4	16072
2000 HD_{27}	2001 11 08.4	02 54.50	+05 46.5	18.1	−1.00	− 5.3	4.4/05.9	17328
1999 JX_{45}	2001 11 08.4	02 54.61	+10 47.9	20.1	−0.79	− 4.0	1.6/07.0	3370
2000 GQ_{104}	2001 11 08.4	02 54.71	+08 44.5	18.5	−1.05	− 4.7	3.1/06.7	18256
2000 GV_{69}	2001 11 08.5	02 54.67	+20 36.6	17.8	−1.18	− 1.6	1.6/09.3	18253
1981 EB_{40}	2001 11 08.5	02 54.77	+16 52.6	18.2	−0.84	− 3.4	0.1/08.6	*28611*
2000 HC_{67}	2001 11 08.5	02 54.83	+10 38.5	18.0	−1.06	− 1.5	2.4/07.4	17343
1996 HO_{20}	2001 11 08.5	02 54.97	+15 18.6	18.9	−1.03	− 3.3	0.5/08.3	16737
1981 ET_{14}	2001 11 08.5	02 54.98	+19 18.8	18.3	−0.84	− 4.2	0.9/09.2	15001
2000 RQ_{91}	2001 11 08.5	02 55.00	+34 46.7	18.7	−0.64	− 1.3	3.3/13.2	18290
2000 GJ_{106}	2001 11 08.5	02 55.08	+18 33.5	17.9	−1.04	− 7.1	0.8/09.1	18256
1999 CS_{51}	2001 11 08.5	02 55.10	+25 08.0	17.3	−1.13	− 1.8	3.5/10.3	16930
1998 FO_{77}	2001 11 08.5	02 55.11	+15 37.4	17.3	−0.80	− 1.2	0.3/08.4	18161
1997 SN_{24}	2001 11 08.6	02 55.07	+08 43.9	17.8	−0.90	−10.8	2.9/06.3	16764

2000 JR$_{54}$	2001 11 08.6	02 55.19	+14 02.4	20.0	−1.03	− 4.3	0.9/08.0	1648
1997 WN$_{43}$	2001 11 08.6	02 55.29	+28 20.5	16.5	−0.96	− 9.7	5.1/12.1	18155
2000 HJ$_{14}$	2001 11 08.6	02 55.35	+16 30.5	17.3	−1.04	− 2.6	0.1/08.6	18261
1996 TW$_{59}$	2001 11 08.6	02 55.38	+35 21.2	17.7	−1.09	− 1.8	7.0/12.9	*34295*
1996 EW$_{7}$	2001 11 08.6	02 55.41	+13 48.8	19.0	−1.03	− 4.6	1.1/08.0	613
1998 FC$_{51}$	2001 11 08.6	02 55.47	+13 05.8	20.4	−0.80	− 3.4	1.0/07.8	16798
2000 EJ$_{139}$	2001 11 08.6	02 55.55	+22 27.3	18.9	−1.22	− 4.6	2.4/10.0	17213
2000 NW$_{16}$	2001 11 08.7	02 55.59	+03 22.3	18.7	−0.94	− 2.5	4.3/05.8	18282
1991 RT$_{4}$	2001 11 08.7	02 55.66	+20 13.9	18.7	−1.10	− 5.2	1.5/09.5	18132
2000 GB$_{68}$	2001 11 08.7	02 55.68	+14 19.2	18.6	−1.04	− 4.2	0.9/08.2	18253
1999 CJ$_{31}$	2001 11 08.7	02 55.79	+22 40.3	17.9	−1.11	− 2.3	2.7/10.0	18195
1177 T-1	2001 11 08.7	02 55.83	+17 55.3	18.5	−0.89	− 4.4	0.4/09.1	4021
1999 LN$_{32}$	2001 11 08.7	02 55.86	−06 55.5	18.8	−0.88	− 4.5	8.1/02.5	18210
1999 JQ$_{32}$	2001 11 08.7	02 55.87	+12 15.6	17.3	−1.00	− 0.3	1.4/07.9	18206
1996 JD$_{10}$	2001 11 08.8	02 55.90	+06 54.8	20.3	−0.99	− 6.8	4.1/06.3	6736
1999 AS$_{24}$	2001 11 08.8	02 55.92	+28 56.7	16.9	−1.10	− 3.1	5.5/11.6	16907
2000 QC$_{57}$	2001 11 08.8	02 55.98	+12 21.8	19.8	−0.83	− 3.3	1.2/07.8	7056
2000 QZ$_{222}$	2001 11 08.8	02 56.03	−03 11.6	19.6	−0.82	− 2.0	5.3/04.3	17453
1998 DD$_{13}$	2001 11 08.8	02 56.26	+24 00.5	18.5	−0.92	− 1.2	2.0/10.4	18159
2000 QQ$_{58}$	2001 11 08.8	02 56.29	+26 09.0	19.4	−0.94	− 1.5	2.8/10.9	13687
1999 JA$_{117}$	2001 11 08.8	02 56.30	+22 47.4	18.8	−1.03	− 3.8	2.1/10.2	18209
1998 OM$_{12}$	2001 11 08.9	02 56.27	+20 04.9	18.2	−0.56	− 1.6	0.6/09.7	18166
1999 CP$_{3}$	2001 11 08.9	02 56.53	+48 50.2	18.5	−1.70	+ 2.4	11.6/14.3	*36086*
1999 JF$_{85}$	2001 11 08.9	02 56.56	−08 37.4	17.0	−0.84	0.0	8.2/03.8	16995
1999 GM$_{28}$	2001 11 09.0	02 56.73	+10 46.2	18.7	−0.89	− 4.0	2.1/07.6	3338
1993 UF	2001 11 09.0	02 57.10	−11 45.5	16.7	−0.92	− 0.9	12.3/03.0	18136
2000 HZ$_{65}$	2001 11 09.0	02 57.11	+14 32.6	19.2	−1.01	− 5.6	0.8/08.5	1314
2000 SC$_{144}$	2001 11 09.1	02 57.08	+18 48.4	19.4	−0.55	− 1.9	0.4/09.6	7578
1999 JB$_{60}$	2001 11 09.1	02 57.14	+19 52.9	19.2	−0.84	− 6.4	0.8/09.9	5555
2000 QT$_{38}$	2001 11 09.1	02 57.17	+32 48.7	17.6	−0.98	− 3.2	5.3/12.9	18286
2000 PF$_{24}$	2001 11 09.1	02 57.20	+37 39.6	18.2	−0.99	− 1.5	5.4/14.0	13678
2001 QV$_{139}$	2001 11 09.1	02 57.20	+28 24.0	16.5	−0.95	− 6.1	4.5/12.2	17904
2000 LR$_{29}$	2001 11 09.1	02 57.26	+09 16.5	19.8	−0.87	− 8.0	2.7/07.1	3941
2000 JW$_{56}$	2001 11 09.2	02 57.50	+09 31.6	17.8	−1.10	− 1.7	2.9/07.8	16080
1998 YJ$_{19}$	2001 11 09.2	02 57.53	+14 44.1	18.3	−1.07	− 3.4	1.0/08.8	16899
1994 VM	2001 11 09.2	02 57.58	+19 24.5	16.4	−0.92	− 8.3	1.2/09.9	16720
1990 QZ$_{2}$	2001 11 09.2	02 57.62	+20 42.6	16.8	−1.01	− 3.3	1.9/10.1	18131
1999 JM$_{94}$	2001 11 09.2	02 57.63	−01 32.4	18.9	−0.73	− 4.7	4.7/04.5	4940
4825 P-L	2001 11 09.2	02 57.64	+15 30.6	18.6	−0.90	− 4.3	0.5/08.9	18105
1999 BA$_{13}$	2001 11 09.2	02 57.66	+18 35.3	19.1	−1.03	− 4.9	0.6/09.6	3902
2000 SO$_{129}$	2001 11 09.2	02 57.75	+18 30.0	18.7	−0.76	− 6.9	0.4/09.7	13758
1999 CX$_{73}$	2001 11 09.3	02 57.91	+06 26.9	19.1	−1.02	− 6.6	4.3/06.7	*34605*
2000 GA$_{109}$	2001 11 09.3	02 57.95	+13 15.2	19.2	−1.08	− 4.1	1.5/08.5	18256
1994 AF$_{5}$	2001 11 09.3	02 58.07	+31 28.7	19.7	−0.99	− 4.5	4.2/12.9	16003
2000 KN$_{55}$	2001 11 09.3	02 58.09	+12 16.1	20.1	−1.06	− 4.8	1.8/08.3	2548
1999 HC$_{11}$	2001 11 09.3	02 58.12	+21 45.4	17.6	−0.95	− 1.1	1.5/10.3	18206
1999 AD$_{32}$	2001 11 09.3	02 58.13	+04 58.3	17.4	−1.01	− 3.1	4.5/06.8	18191
2001 QU$_{107}$	2001 11 09.3	02 58.16	+16 30.3	17.2	−1.18	+ 0.6	0.2/09.3	17870
2000 QC$_{86}$	2001 11 09.3	02 58.27	+09 27.6	19.9	−0.82	− 4.8	2.0/07.6	5863
2000 JF$_{29}$	2001 11 09.4	02 58.53	+21 11.3	18.7	−1.08	− 3.1	1.7/10.4	2525
2000 HN$_{54}$	2001 11 09.4	02 58.61	+12 04.8	16.9	−1.06	− 0.8	1.9/08.6	18264
1997 TX$_{16}$	2001 11 09.4	02 58.69	+16 30.5	17.3	−1.10	+ 0.1	0.2/09.4	18152
1994 PT$_{21}$	2001 11 09.4	02 58.70	+16 01.8	17.8	−1.11	− 4.0	0.4/09.3	*39956*
1977 RD	2001 11 09.4	02 58.73	+63 37.2	19.7	−1.92	− 0.1	12.5/23.9	14342
1999 JV$_{83}$	2001 11 09.5	02 58.70	−00 59.2	19.1	−0.72	− 4.3	4.5/05.0	18208
2001 QW$_{30}$	2001 11 09.5	02 58.71	+22 23.5	16.6	−1.12	− 0.8	2.4/10.5	17781
2000 JA$_{53}$	2001 11 09.5	02 58.76	+18 11.5	19.6	−1.06	− 6.1	0.4/09.8	1354
2000 EY$_{113}$	2001 11 09.5	02 58.77	+08 43.3	18.0	−1.02	− 4.9	3.1/07.7	731
2000 SG$_{192}$	2001 11 09.5	02 58.82	+09 33.3	19.7	−0.50	− 3.7	1.3/07.6	8503
2000 FY$_{28}$	2001 11 09.5	02 58.88	+16 39.3	17.4	−1.03	− 8.2	0.1/09.5	18247
2000 OC$_{18}$	2001 11 09.5	02 58.90	+41 48.5	18.8	−1.01	− 3.7	6.8/16.3	6278
1997 CN$_{28}$	2001 11 09.5	02 58.93	−12 35.3	17.3	−0.72	− 3.0	10.0/01.6	16750
1999 CM$_{50}$	2001 11 09.5	02 58.98	+07 02.5	17.3	−0.97	− 4.6	4.6/07.2	*34246*
6329 P-L	2001 11 09.5	02 59.02	+14 02.6	19.4	−0.78	− 5.2	1.0/08.8	18512
1981 EQ$_{2}$	2001 11 09.5	02 59.06	+24 42.4	17.9	−1.06	− 5.8	2.9/11.4	2612
2000 FW$_{14}$	2001 11 09.5	02 59.08	+21 47.6	18.5	−1.50	+ 4.5	2.0/10.2	17231
2001 RF$_{45}$	2001 11 09.5	02 59.08	+03 24.5	17.2	−0.89	− 5.3	6.1/06.2	18028
1999 JS$_{89}$	2001 11 09.5	02 59.13	−00 53.1	18.6	−0.77	− 3.5	5.1/05.3	18208
2000 KD$_{31}$	2001 11 09.6	02 59.09	+17 33.5	18.0	−0.97	− 4.7	0.2/09.7	18276
1998 QL$_{97}$	2001 11 09.6	02 59.12	−10 55.8	19.5	−1.04	−12.6	12.3/01.0	16840
2000 LW$_{21}$	2001 11 09.6	02 59.27	+28 38.5	18.9	−0.95	− 6.7	3.6/12.7	4954
1999 CG$_{10}$	2001 11 09.6	02 59.31	+19 05.8	17.8	−1.01	− 1.9	0.7/10.1	18194
1999 CA$_{6}$	2001 11 09.7	02 59.54	−21 58.2	18.8	−1.02	− 1.6	12.9/30.3	16031
1981 EN$_{38}$	2001 11 09.7	02 59.61	+08 31.7	20.5	−0.73	− 5.4	2.3/07.5	*30780*
2001 QF$_{76}$	2001 11 09.7	02 59.64	+26 49.4	17.3	−1.03	+ 1.4	3.6/11.5	17837
1998 YO$_{12}$	2001 11 09.7	02 59.66	+17 50.2	16.8	−1.04	− 5.4	0.4/09.9	18188
1994 PU$_{38}$	2001 11 09.7	02 59.68	+17 49.7	18.0	−1.10	− 4.7	0.4/09.9	18138
2000 JP$_{12}$	2001 11 09.7	02 59.72	+16 41.9	16.9	−1.08	− 2.0	0.1/09.7	18268
2000 KV$_{56}$	2001 11 09.7	02 59.73	+12 45.1	19.3	−1.02	− 3.4	1.5/08.8	17411
2000 QB$_{154}$	2001 11 09.7	02 59.92	+09 23.6	18.5	−0.77	− 6.4	2.3/07.8	18288
2000 JA$_{31}$	2001 11 09.8	02 59.97	+22 51.8	17.7	−1.18	− 0.8	2.5/10.9	18270
1999 CD$_{12}$	2001 11 09.8	03 00.03	−05 32.6	17.4	−0.93	− 6.1	9.1/03.7	18194
2000 JL$_{31}$	2001 11 09.8	03 00.13	+18 58.0	17.7	−1.18	− 0.8	0.8/10.2	16078
2000 GJ	2001 11 09.8	03 00.19	+14 37.7	19.7	−1.05	− 5.0	0.9/09.3	10956
2000 SR$_{282}$	2001 11 09.8	03 00.20	+10 33.2	18.3	−0.53	− 5.3	1.3/08.1	18294
1998 GZ$_{5}$	2001 11 09.8	03 00.29	+15 32.9	18.6	−0.96	+ 0.7	0.5/09.6	16807
1999 CP$_{72}$	2001 11 09.8	03 00.29	+07 49.8	17.5	−0.88	− 7.2	3.2/07.5	18197
1999 JP$_{71}$	2001 11 09.8	03 00.30	+08 36.4	17.0	−0.83	− 1.5	2.7/08.1	18208
2001 QC$_{269}$	2001 11 09.8	03 00.37	+08 51.3	17.0	−1.01	− 1.0	3.8/08.4	17988
2000 LE$_{16}$	2001 11 09.9	03 00.50	+38 28.0	19.6	−1.19	−10.3	7.1/16.4	3939
2000 OA$_{12}$	2001 11 09.9	03 00.51	+20 41.3	18.9	−0.95	− 4.5	1.3/10.8	3671
2000 GD$_{74}$	2001 11 09.9	03 00.67	+15 13.9	17.1	−1.00	− 5.3	0.8/09.5	18253
1999 CB$_{103}$	2001 11 09.9	03 00.73	+07 57.0	18.0	−0.96	− 6.0	3.5/07.8	16942
2000 GQ$_{131}$	2001 11 09.9	03 00.75	+04 52.3	18.2	−0.99	− 3.0	5.1/07.4	17300
1998 HJ$_{29}$	2001 11 10.0	03 00.73	+28 33.2	17.0	−0.99	− 0.5	4.0/12.3	16812
2000 MH$_{2}$	2001 11 10.0	03 00.74	+05 18.8	20.5	−0.88	− 2.0	3.6/07.6	3942
2000 RO$_{63}$	2001 11 10.0	03 00.83	+02 57.8	18.9	−0.85	− 4.1	4.4/06.7	9354
2000 QF$_{135}$	2001 11 10.0	03 00.83	+39 13.5	17.1	−1.07	− 1.4	7.2/15.0	18287
2000 HF$_{85}$	2001 11 10.0	03 01.06	+10 33.1	19.1	−1.01	− 6.4	2.5/08.5	2776
2000 JK$_{56}$	2001 11 10.0	03 01.11	+14 47.3	18.2	−0.90	− 8.1	0.9/09.5	17385
1999 EA$_{9}$	2001 11 10.0	03 01.17	+24 30.3	19.7	−1.11	− 3.2	3.3/11.6	5520
1999 CD$_{46}$	2001 11 10.1	03 01.11	+17 36.3	18.7	−1.07	− 4.2	0.2/10.2	*34603*

1999 JA_{6}	2001 11 10.1	03 01.36	−18 49.4	19.6	−0.77	− 0.7	8.7/01.8	16985
2000 KM_{78}	2001 11 10.1	03 01.44	+09 18.2	19.8	−0.98	− 5.7	2.9/08.3	3611
2001 QL_{154}	2001 11 10.1	03 01.46	−00 21.5	15.9	−0.95	+ 0.6	8.1/06.9	17912
1999 CQ_{74}	2001 11 10.1	03 01.49	+30 42.2	18.4	−1.04	− 4.5	4.2/13.4	18197
2000 JF_{37}	2001 11 10.2	03 01.79	+15 29.3	17.7	−1.07	− 1.3	0.7/09.9	18271
2000 GE_{122}	2001 11 10.2	03 01.80	+04 42.0	19.3	−1.01	− 2.2	4.9/07.8	3567
1997 YF_{15}	2001 11 10.2	03 01.81	+28 38.5	19.1	−0.89	− 4.0	3.1/13.1	13555
2000 GU_{95}	2001 11 10.2	03 01.88	+15 25.8	18.3	−1.01	− 8.6	0.6/09.8	18255
2000 OC_{23}	2001 11 10.2	03 01.92	+05 13.9	19.4	−1.00	− 2.4	3.9/07.8	18283
2000 HE_{20}	2001 11 10.2	03 01.99	+05 01.0	18.8	−0.99	− 2.9	4.8/07.8	3934
2001 QR_{30}	2001 11 10.3	03 01.91	+09 45.8	16.7	−0.89	− 3.9	3.3/08.6	17781
1997 TW_{18}	2001 11 10.3	03 01.94	+14 03.3	18.6	−1.04	− 3.2	1.2/09.7	16011
2001 QR_{84}	2001 11 10.3	03 02.08	+24 15.4	16.5	−1.14	− 3.2	3.3/11.8	17847
1999 JX_{56}	2001 11 10.3	03 02.11	+07 01.0	18.9	−0.83	− 1.0	2.9/08.3	18207
1999 JV_{21}	2001 11 10.3	03 02.14	+22 35.6	18.6	−0.80	− 5.1	1.4/11.7	4934
1999 BV_{2}	2001 11 10.3	03 02.17	+35 10.6	17.6	−1.20	− 1.8	6.4/14.3	18191
1998 DM_{32}	2001 11 10.3	03 02.32	+25 46.2	17.4	−0.98	− 7.8	2.8/12.7	18159
2000 GO_{134}	2001 11 10.4	03 02.42	+10 26.6	17.5	−1.12	− 2.3	2.7/09.1	1615
4635 P-L	2001 11 10.4	03 02.46	+14 06.9	19.0	−1.00	− 3.6	1.2/09.8	18512
2000 GZ_{35}	2001 11 10.4	03 02.47	+25 34.9	17.5	−1.25	− 1.5	3.8/12.1	18251
2000 OZ_{53}	2001 11 10.4	03 02.50	+31 16.7	18.5	−0.95	− 3.2	4.8/13.8	17439
2000 NB_{11}	2001 11 10.4	03 02.65	+16 10.5	18.5	−0.81	− 3.7	0.3/10.2	16085
2000 HC_{77}	2001 11 10.4	03 02.69	+11 45.5	18.3	−0.99	− 3.7	2.2/09.3	18266
1999 CU_{117}	2001 11 10.5	03 02.74	+25 44.8	19.0	−0.96	− 5.9	2.6/12.6	5517
1999 BD_{13}	2001 11 10.5	03 02.79	+05 04.2	17.4	−0.98	− 5.1	5.2/07.7	16913
2001 QL_{30}	2001 11 10.5	03 02.80	+12 10.1	16.3	−0.73	− 5.2	2.3/09.2	17780
1999 JW_{27}	2001 11 10.5	03 02.82	+15 25.5	19.3	−0.81	− 3.0	0.5/10.1	18206
2000 KR_{52}	2001 11 10.5	03 02.90	+09 21.0	18.1	−0.97	− 5.0	3.1/08.8	2788
1999 CN_{147}	2001 11 10.5	03 03.04	+18 12.8	18.0	−0.99	− 3.6	0.4/10.8	16952
1998 FH_{13}	2001 11 10.5	03 03.06	+08 19.0	19.3	−0.76	− 3.0	2.3/08.5	13559
1998 YL_{2}	2001 11 10.5	03 03.13	+14 35.1	19.0	−1.04	− 3.7	1.0/10.0	3900
2001 QR_{75}	2001 11 10.5	03 03.14	+13 18.9	16.9	−0.92	− 4.4	1.6/09.7	18380
2000 OW_{14}	2001 11 10.5	03 03.14	+33 29.3	18.7	−1.03	− 4.6	5.5/14.6	6277
2000 GT_{153}	2001 11 10.5	03 03.21	+29 27.5	17.9	−1.22	− 5.0	5.1/13.4	7027
2000 GW_{25}	2001 11 10.6	03 03.24	+16 58.5	18.8	−1.15	− 4.4	0.1/10.6	1269
1999 JW_{55}	2001 11 10.6	03 03.39	+14 02.4	19.6	−0.83	− 3.5	1.0/09.9	6232
2000 OA_{55}	2001 11 10.6	03 03.39	+15 46.4	18.5	−0.80	− 3.4	0.5/10.3	17439
1999 CX_{61}	2001 11 10.6	03 03.41	+30 44.2	17.0	−1.07	− 7.2	4.8/14.3	18196
1998 KN_{62}	2001 11 10.6	03 03.43	+15 15.7	17.7	−0.92	− 0.5	0.6/10.3	18165
2000 SL_{174}	2001 11 10.6	03 03.52	+11 20.6	18.3	−0.54	− 5.8	1.1/09.0	18292
2000 QS_{136}	2001 11 10.6	03 03.59	+02 01.3	18.2	−0.78	− 4.0	4.8/07.0	10967
1998 FY_{147}	2001 11 10.7	03 03.90	+29 11.5	18.2	−0.98	0.0	3.8/13.1	16806
2000 KZ_{19}	2001 11 10.7	03 03.94	+19 22.6	17.4	−1.00	− 4.4	0.9/11.2	18275
2000 KT_{7}	2001 11 10.7	03 03.97	+13 00.4	20.0	−0.96	− 3.9	1.4/09.8	7036
2000 GU_{65}	2001 11 10.8	03 04.00	+17 21.8	18.7	−1.08	− 4.1	0.0/10.8	18253
1999 JN_{32}	2001 11 10.8	03 04.18	+12 26.4	18.0	−0.78	− 6.0	1.4/09.6	18206
2000 JY_{56}	2001 11 10.8	03 04.21	+14 59.3	17.7	−0.96	− 5.1	0.9/10.3	17385
2000 JC_{74}	2001 11 10.8	03 04.26	+11 33.5	18.4	−1.01	− 5.9	2.2/09.5	17392
2000 SG_{348}	2001 11 10.8	03 04.38	−10 19.4	18.3	−0.52	− 1.3	5.1/04.1	18295
2000 KW_{32}	2001 11 10.8	03 04.38	+10 48.4	17.8	−1.11	− 1.7	2.6/09.7	2542
1996 TC_{12}	2001 11 10.8	03 04.39	+16 30.5	19.7	−0.91	− 3.7	0.3/10.7	*34199*
1999 BC_{12}	2001 11 10.8	03 04.42	+07 47.9	18.4	−1.04	− 2.4	3.7/09.0	18192
2000 JE_{10}	2001 11 10.8	03 04.43	−11 52.8	19.7	−1.14	+ 2.1	9.8/06.3	2778
2000 JP_{24}	2001 11 10.8	03 04.45	+27 53.9	17.8	−1.26	− 2.4	4.6/13.0	18270
1988 RE_{3}	2001 11 10.8	03 04.50	+51 50.8	16.0	−1.93	+10.0	15.3/14.0	18130
2000 EE_{135}	2001 11 10.9	03 04.34	+12 41.7	18.3	−1.13	− 3.6	1.9/10.0	12239
2000 GD_{59}	2001 11 10.9	03 04.37	+19 00.2	18.4	−1.12	− 2.5	0.7/11.2	17267
2000 RW_{53}	2001 11 10.9	03 04.44	+38 04.8	18.4	−0.93	− 4.1	5.7/16.3	13728
1996 GF_{20}	2001 11 10.9	03 04.47	+15 17.5	19.7	−1.05	− 5.9	0.8/10.4	*30668*
1981 EP_{6}	2001 11 10.9	03 04.48	+41 45.4	19.7	−1.03	− 1.8	6.6/16.6	6179
1996 FP_{1}	2001 11 10.9	03 04.51	+20 49.2	18.6	−0.68	− 2.4	0.8/11.7	18143
2001 QX_{139}	2001 11 10.9	03 04.59	+36 50.8	16.3	−1.12	− 0.8	8.5/15.0	17904
1999 HQ_{6}	2001 11 10.9	03 04.60	+28 43.5	17.9	−1.08	− 1.4	4.3/13.3	16982
2001 QY_{139}	2001 11 10.9	03 04.75	+29 32.8	16.8	−1.12	− 4.0	5.5/13.8	17904
2000 PO_{16}	2001 11 10.9	03 04.81	+13 09.1	18.8	−0.84	− 3.5	1.4/10.0	18285
1995 LC	2001 11 10.9	03 04.89	−09 46.3	17.6	−1.58	+ 9.7	13.2/09.2	988
2000 HK_{15}	2001 11 11.0	03 04.75	+10 50.9	16.4	−0.83	−11.3	3.0/09.1	17322
1992 OW	2001 11 11.0	03 04.77	+18 03.1	16.1	−1.21	+ 4.9	0.3/11.1	18133
2000 QL_{91}	2001 11 11.0	03 04.80	+50 42.2	17.9	−1.25	− 0.2	9.5/18.6	7538
2000 RG_{18}	2001 11 11.0	03 04.86	+32 20.8	19.2	−0.88	− 3.3	3.9/14.6	4723
2000 QZ_{11}	2001 11 11.0	03 04.97	+18 56.5	18.7	−0.88	− 3.7	0.5/11.4	4602
1999 JZ_{103}	2001 11 11.0	03 05.12	−05 02.3	18.2	−1.05	+ 1.4	8.8/07.0	17000
1998 DW_{10}	2001 11 11.0	03 05.13	+17 52.4	17.1	−0.97	− 0.1	0.2/11.2	18159
1990 TP_{11}	2001 11 11.0	03 05.14	+17 35.7	17.7	−0.82	− 4.3	0.1/11.1	3110
1999 AQ_{16}	2001 11 11.0	03 05.22	+15 19.7	19.7	−0.99	− 4.7	0.7/10.6	1439
2001 RW_{75}	2001 11 11.1	03 05.26	+10 20.7	17.0	−0.83	− 5.8	3.7/09.4	18044
2000 WO_{180}	2001 11 11.1	03 05.32	+04 46.6	17.8	−0.64	+ 0.9	2.5/08.7	18304
2001 QQ_{107}	2001 11 11.1	03 05.33	+09 56.9	17.2	−1.03	− 5.8	3.1/09.4	17870
2000 QW_{41}	2001 11 11.1	03 05.36	+34 06.3	19.9	−1.07	− 2.9	5.2/14.9	4990
1999 EK	2001 11 11.1	03 05.39	+18 34.2	16.7	−1.00	− 5.0	0.5/11.4	18200
2000 LH_{34}	2001 11 11.1	03 05.39	+17 44.2	18.8	−0.78	− 5.7	0.1/11.2	13667
2000 QE_{71}	2001 11 11.1	03 05.48	+03 59.7	17.8	−0.66	− 3.1	3.5/07.9	17443
1999 FO_{32}	2001 11 11.1	03 05.58	+23 26.6	16.9	−1.09	+ 0.1	2.4/12.3	18202
1994 PY_{9}	2001 11 11.1	03 05.59	+17 17.1	17.4	−1.07	− 4.9	0.1/11.2	18137
1999 JE_{10}	2001 11 11.1	03 05.61	+01 29.1	18.3	−0.79	− 3.1	4.8/07.6	18206
1999 CE_{76}	2001 11 11.2	03 05.64	+00 02.8	18.2	−0.87	− 4.3	5.7/07.2	16936
2000 GS_{90}	2001 11 11.2	03 05.85	+09 26.4	17.5	−1.11	− 3.3	3.2/09.7	18255
2000 OK_{41}	2001 11 11.2	03 05.95	+13 02.9	19.0	−0.79	− 6.1	1.4/10.2	18284
1994 WN	2001 11 11.2	03 05.96	+24 04.7	16.1	−0.94	− 6.9	3.3/13.0	18138
1999 ER_{7}	2001 11 11.2	03 05.97	+11 36.8	19.2	−0.96	− 4.2	2.2/10.0	16957
2000 JE_{85}	2001 11 11.2	03 06.04	+04 49.9	18.4	−0.88	− 6.3	4.5/08.2	17395
2000 KA_{48}	2001 11 11.3	03 06.15	−05 39.0	17.8	−0.93	− 1.7	7.9/06.7	18277
1999 BP_{12}	2001 11 11.3	03 06.17	+25 03.3	16.8	−1.17	− 2.1	3.1/12.8	18192
2000 KZ_{66}	2001 11 11.3	03 06.22	+14 31.7	17.6	−1.02	−12.5	1.0/10.5	18278
1999 GN_{21}	2001 11 11.3	03 06.24	+13 43.2	18.8	−0.77	− 4.1	0.9/10.5	16037
1997 LQ_{2}	2001 11 11.4	03 06.37	+33 01.6	17.3	−1.09	−22.4	6.8/17.2	18149
1998 XK_{87}	2001 11 11.4	03 06.38	+15 38.2	17.4	−1.06	− 6.8	0.8/11.0	18187
2000 KG_{31}	2001 11 11.4	03 06.39	+16 44.4	18.0	−0.99	− 3.8	0.3/11.2	16082
1999 JG_{61}	2001 11 11.4	03 06.59	+08 21.4	18.5	−0.80	− 1.5	2.5/09.6	16039
1999 FK_{6}	2001 11 11.4	03 06.60	+16 05.9	18.1	−0.87	− 4.3	0.5/11.1	16961
1999 EJ	2001 11 11.4	03 06.71	+21 48.5	18.2	−0.93	− 3.6	1.3/12.4	18200
2000 GS_{95}	2001 11 11.4	03 06.73	+23 10.5	17.7	−1.07	− 3.3	2.0/12.7	18255

1999 JA_{83}	2001 11 11.4	03 06.78	−04 42.5	17.9	−0.90	− 2.0	7.4/06.6	18208
2000 KL_{34}	2001 11 11.4	03 06.84	+12 53.6	19.5	−1.02	− 3.4	1.6/10.5	13196
2000 GS_{63}	2001 11 11.5	03 06.85	+18 23.2	20.8	−1.12	− 2.9	9.8/02.0	3559
2000 PP_{21}	2001 11 11.5	03 06.89	+19 24.9	19.7	−0.86	− 3.3	0.6/12.0	7532
1998 CF	2001 11 11.5	03 06.95	+00 24.9	18.6	−0.88	− 1.4	5.6/08.0	18158
2000 LP_{16}	2001 11 11.5	03 07.09	+09 34.7	18.1	−0.89	− 7.0	2.7/09.6	18280
1999 JU_{34}	2001 11 11.5	03 07.25	+21 20.0	16.6	−1.06	+ 0.1	1.6/12.3	18207
2000 NT_{12}	2001 11 11.6	03 07.21	+02 01.7	18.4	−0.73	− 6.3	4.7/07.5	18282
1998 FT_{120}	2001 11 11.6	03 07.22	+18 16.0	19.3	−0.85	− 3.0	0.2/11.8	16804
1999 JF_{95}	2001 11 11.6	03 07.25	+02 17.1	18.6	−0.99	+ 1.3	5.2/09.0	16998
2001 QC_{179}	2001 11 11.6	03 07.31	+05 10.1	17.0	−0.94	− 3.7	5.3/08.9	17933
2000 KU_{64}	2001 11 11.6	03 07.46	+10 34.4	18.2	−1.03	− 4.7	2.8/10.1	17416
2001 QX_{200}	2001 11 11.6	03 07.50	+20 54.9	18.3	−1.00	− 2.5	1.2/12.4	17943
1990 RU_2	2001 11 11.6	03 07.52	+27 20.9	17.3	−1.18	− 3.2	4.1/13.7	18131
1997 SC_1	2001 11 11.6	03 07.59	+18 06.2	18.9	−1.08	− 4.9	9.6/02.0	1008
1993 RJ_1	2001 11 11.7	03 07.58	+14 59.3	20.5	−1.00	− 4.8	0.8/11.1	2618
2000 JX_{39}	2001 11 11.7	03 07.69	+19 17.5	16.9	−0.96	− 6.6	0.7/12.1	17377
6098 P-L	2001 11 11.7	03 07.82	+17 14.0	18.9	−1.09	− 5.0	11.3/02.0	18106
2000 HX_{54}	2001 11 11.7	03 08.06	+16 21.7	18.6	−0.94	− 6.2	0.4/11.5	17337
2000 OX_{23}	2001 11 11.8	03 08.11	+02 21.6	18.2	−0.87	− 0.7	4.9/08.9	18283
1997 SR_{15}	2001 11 11.8	03 08.12	+17 54.3	18.1	−0.96	− 6.1	10.3/23.0	16763
1999 FL_{46}	2001 11 11.8	03 08.17	+14 20.8	18.5	−1.03	− 4.2	1.3/11.1	3906
2595 P-L	2001 11 11.8	03 08.19	+19 59.2	18.7	−1.05	− 2.7	1.0/12.3	18099
2000 WE_{132}	2001 11 11.8	03 08.31	+10 22.5	17.4	−0.59	0.0	1.3/10.4	13798
1994 AW	2001 11 11.9	03 08.41	+15 37.9	16.4	−0.93	− 4.1	0.8/11.5	18136
2000 KJ_{33}	2001 11 11.9	03 08.43	+09 13.8	17.8	−1.08	− 2.2	3.1/10.3	18276
2001 QE_{99}	2001 11 11.9	03 08.45	+14 41.9	16.2	−0.71	−10.6	1.5/11.0	17860
2000 LH_{25}	2001 11 11.9	03 08.51	+12 52.3	19.0	−0.98	− 3.4	1.6/10.9	2564
1999 JB_7	2001 11 11.9	03 08.51	+06 10.3	20.0	−0.78	− 2.9	3.1/09.4	3909
1997 VX_7	2001 11 11.9	03 08.55	+26 30.4	18.7	−1.13	− 2.0	3.2/13.7	18153
4640 P-L	2001 11 11.9	03 08.61	+07 10.5	18.6	−0.76	− 4.1	3.2/09.5	18512
1999 FU_{25}	2001 11 11.9	03 08.63	+12 35.0	18.7	−0.94	− 5.5	1.8/10.8	18202
2000 PH_4	2001 11 11.9	03 08.69	+32 07.1	18.4	−0.96	− 3.4	4.6/15.3	18285
2001 SM_{110}	2001 11 11.9	03 08.72	+25 44.8	18.3	−1.09	− 3.1	3.6/13.7	18095
1996 XO_{13}	2001 11 11.9	03 08.73	+23 13.6	17.9	−0.85	− 5.6	1.8/13.4	18147
2000 OJ_{40}	2001 11 11.9	03 08.80	+00 47.0	20.0	−0.76	− 4.4	4.7/08.0	4969
2000 MK_3	2001 11 11.9	03 08.85	+24 40.6	18.8	−0.86	− 6.3	2.3/13.8	3942
2511 P-L	2001 11 11.9	03 08.97	+49 14.4	16.9	−2.18	+12.1	17.3/13.7	18511
2000 RQ_{83}	2001 11 12.0	03 08.83	+21 22.2	18.4	−0.54	− 2.8	0.7/12.9	18290
1986 RJ_1	2001 11 12.0	03 08.83	+27 02.5	16.7	−1.16	− 3.6	4.3/14.0	16697
2000 LM_{35}	2001 11 12.0	03 08.87	+26 32.6	18.1	−0.87	− 5.2	2.9/14.2	18281
2000 OR_7	2001 11 12.0	03 08.88	+21 48.5	17.8	−0.93	− 4.8	1.5/13.0	16086
1997 WV_{53}	2001 11 12.0	03 08.94	+16 06.8	17.9	−0.99	− 2.7	0.6/11.7	18155
2000 QE_{39}	2001 11 12.0	03 08.95	+23 01.1	18.2	−0.85	− 3.7	1.5/13.3	4613
1999 GY_8	2001 11 12.0	03 09.00	+10 23.6	18.6	−0.85	− 3.3	2.3/10.5	3907
1996 YB_3	2001 11 12.0	03 09.05	+35 24.3	17.3	−0.91	− 5.2	5.3/16.6	18147
2000 SW_{57}	2001 11 12.0	03 09.20	+16 40.0	18.8	−0.86	− 3.6	0.3/11.9	7143
2000 OU_{14}	2001 11 12.0	03 09.22	−08 30.6	19.4	−0.80	− 1.0	7.6/06.7	3952
1994 GA	2001 11 12.1	03 09.24	+17 54.3	17.0	−0.92	−17.7	0.1/12.2	16715
1998 FJ_{116}	2001 11 12.1	03 09.35	+36 30.4	18.2	−1.00	− 0.8	5.2/16.0	18161
1999 FU_6	2001 11 12.1	03 09.46	+12 04.1	18.9	−1.03	− 4.3	2.2/10.9	16961

2000 LN_{27}	2001 11 12.1	03 09.61	+40 06.3	17.1	−0.98	− 4.5	6.5/18.1	18281
1999 JF_{22}	2001 11 12.1	03 09.70	+28 10.8	16.8	−1.11	− 1.8	4.4/14.2	16986
1999 JB_{113}	2001 11 12.2	03 09.64	+24 44.2	18.4	−0.94	− 1.3	2.1/13.6	18209
1999 JN_{40}	2001 11 12.2	03 09.64	+14 01.4	17.8	−0.89	− 0.3	1.1/11.5	16990
2000 QR_{219}	2001 11 12.2	03 09.84	+31 53.6	19.6	−1.06	− 2.2	4.3/15.2	4703
2000 QE_{184}	2001 11 12.2	03 09.92	+31 05.5	18.3	−0.99	− 1.8	4.1/15.1	18288
1997 QB_1	2001 11 12.2	03 09.96	+15 26.6	18.3	−1.13	− 2.1	1.0/11.8	*34296*
1998 FE_{87}	2001 11 12.2	03 09.99	+01 34.2	18.0	−0.91	− 2.6	6.4/08.7	16802
1999 HA_4	2001 11 12.2	03 10.03	+11 57.4	20.1	−0.79	− 6.4	1.6/10.8	16982
1998 BD_{30}	2001 11 12.3	03 10.03	+14 26.9	18.4	−0.87	− 3.5	1.0/11.6	16015
2001 SC_{69}	2001 11 12.3	03 10.04	+06 51.0	17.8	−0.79	− 5.4	3.6/09.7	18090
2000 GS_4	2001 11 12.3	03 10.05	+29 29.8	17.9	−1.81	+ 7.6	5.6/13.3	18250
2000 SE_{19}	2001 11 12.3	03 10.12	+11 45.3	20.1	−0.63	− 4.5	1.3/10.8	18291
1999 BK_{10}	2001 11 12.3	03 10.21	+29 42.0	17.8	−1.15	− 3.7	5.3/14.9	*35731*
1999 BT_{19}	2001 11 12.3	03 10.22	+12 11.2	19.2	−1.06	− 2.3	1.9/11.3	16914
2000 RB_{15}	2001 11 12.3	03 10.22	+31 46.9	18.9	−0.90	− 4.0	3.8/15.7	13206
1997 WD_{35}	2001 11 12.3	03 10.26	+06 39.6	17.0	−1.11	+ 3.0	4.7/10.9	18155
2000 GX_{72}	2001 11 12.3	03 10.31	+15 32.4	18.5	−1.05	− 4.8	0.8/11.9	1602
1999 JG_{54}	2001 11 12.3	03 10.34	+16 35.3	20.0	−0.84	− 1.4	0.3/12.1	18207
1992 EN_{25}	2001 11 12.3	03 10.39	+16 26.2	18.4	−0.83	− 2.9	0.4/12.1	*24106*
2089 P-L	2001 11 12.3	03 10.41	+17 33.0	17.4	−0.97	− 5.6	0.1/12.3	18511
2000 JV_{53}	2001 11 12.3	03 10.49	+14 18.1	17.6	−0.92	− 8.0	1.2/11.5	18272
1991 VJ_9	2001 11 12.4	03 10.49	+15 27.6	18.7	−0.99	0.0	0.8/12.0	12106
2000 OX_{13}	2001 11 12.4	03 10.61	+27 15.2	18.6	−1.13	− 4.7	3.6/14.5	3672
1993 FW_{52}	2001 11 12.4	03 10.74	+10 31.1	18.9	−1.06	− 4.2	2.8/10.9	16708
1998 FN_{25}	2001 11 12.4	03 10.75	+07 35.2	18.9	−0.79	− 5.5	3.2/10.0	18160
2000 LF_9	2001 11 12.4	03 10.78	+11 53.1	18.1	−1.04	− 3.5	2.3/11.3	18280
1996 JW_{10}	2001 11 12.4	03 10.80	+12 52.1	19.6	−1.00	− 3.7	1.7/11.5	6736
2000 SN_{209}	2001 11 12.4	03 10.82	+11 30.2	18.9	−0.55	− 1.2	1.1/11.1	7187
1999 JJ_{15}	2001 11 12.4	03 10.87	+00 00.1	19.6	−0.72	− 5.9	4.6/07.9	4933
2000 QM_{77}	2001 11 12.4	03 10.90	+16 48.1	19.0	−0.81	− 3.4	0.3/12.3	16087
1981 ES_{25}	2001 11 12.5	03 10.86	+19 24.2	18.7	−1.06	− 3.5	0.6/12.8	18129
1999 CC_{34}	2001 11 12.5	03 10.95	+12 17.3	18.1	−0.99	− 3.8	2.4/11.4	*34542*
1997 TT_{22}	2001 11 12.5	03 10.95	+17 32.8	17.7	−1.02	− 4.5	0.1/12.5	18152
2000 OE_{25}	2001 11 12.5	03 10.96	+30 11.9	18.6	−1.03	− 3.6	3.9/15.3	18283
2000 OR_{33}	2001 11 12.5	03 11.12	−06 46.5	19.8	−0.76	− 3.6	7.1/06.8	3692
1997 TF_9	2001 11 12.5	03 11.17	+19 08.1	18.5	−1.01	− 5.1	0.5/12.9	*30882*
2000 HW_9	2001 11 12.5	03 11.20	+16 56.2	17.8	−1.15	− 0.8	0.4/12.4	17319
1996 XH_1	2001 11 12.5	03 11.20	−09 09.6	17.5	−1.60	+ 7.3	12.7/09.9	3878
2000 LK_{34}	2001 11 12.6	03 11.25	+11 08.2	19.2	−0.81	− 4.2	1.9/11.1	18281
1998 RJ_3	2001 11 12.6	03 11.31	+51 38.4	19.3	−1.94	+ 1.5	16.1/19.4	*32989*
1991 CM_1	2001 11 12.6	03 11.36	+22 56.2	17.0	−1.03	− 4.6	2.2/13.7	18132
2000 PF_{17}	2001 11 12.6	03 11.36	+12 56.4	18.6	−0.87	− 3.4	1.6/11.6	18285
2000 HO_{52}	2001 11 12.6	03 11.40	+16 56.6	17.4	−1.16	+ 0.5	0.4/12.5	17337
2000 KK_{48}	2001 11 12.6	03 11.48	+11 19.0	17.8	−1.12	− 2.4	2.5/11.4	18277
2000 OS_{58}	2001 11 12.6	03 11.53	+21 14.5	19.4	−0.87	− 3.3	1.0/13.4	4590
1997 SZ_{15}	2001 11 12.6	03 11.56	+18 18.2	18.3	−1.00	− 5.2	0.2/12.8	18151
1035 T-2	2001 11 12.6	03 11.57	−15 24.2	17.0	−0.73	−16.8	15.2/29.8	18112
2000 KD_{35}	2001 11 12.6	03 11.58	+06 13.6	19.1	−0.97	− 2.2	4.2/10.4	2786
1999 CP_{88}	2001 11 12.6	03 11.59	+22 28.7	17.6	−1.18	− 0.3	1.8/13.5	18197
2001 QO_{76}	2001 11 12.6	03 11.73	+14 21.2	17.3	−0.86	− 7.1	1.2/11.8	17838

2000 GW$_{143}$	2001 11 12.6	03 11.79	+29 40.5	18.4	−1.46	+ 3.3	4.1/14.3	17305
2000 OS$_{1}$	2001 11 12.7	03 11.80	+23 44.7	18.4	−1.08	− 3.1	2.1/13.9	18283
1999 EX$_{5}$	2001 11 12.7	03 11.94	+26 51.8	18.5	−1.04	− 1.7	3.0/14.6	18200
1992 ES$_{30}$	2001 11 12.7	03 12.12	−10 02.3	17.8	−0.73	− 5.4	8.6/05.2	18133
2000 AC$_{93}$	2001 11 12.7	03 12.13	−11 02.6	16.7	−1.48	+ 7.9	13.5/10.4	697
1998 HZ$_{7}$	2001 11 12.8	03 12.14	+09 54.6	23.2	−0.70	− 5.2	1.7/10.8	*32326*
2000 NT$_{10}$	2001 11 12.8	03 12.19	+28 53.6	19.3	−1.02	− 2.3	3.5/15.1	5782
2000 NR$_{9}$	2001 11 12.8	03 12.19	+14 18.8	17.5	−0.89	− 7.3	1.1/11.9	17432
2001 SG$_{69}$	2001 11 12.8	03 12.42	+04 27.2	17.8	−1.03	− 4.2	6.0/10.1	18090
1998 FA$_{39}$	2001 11 12.8	03 12.47	+33 41.0	17.9	−1.00	− 2.3	5.4/16.3	18160
1999 CN$_{1}$	2001 11 12.9	03 12.48	+28 40.2	16.9	−1.18	− 0.6	5.0/14.8	16919
1997 WN$_{21}$	2001 11 12.9	03 12.61	−01 47.4	15.8	−1.09	+ 5.0	8.6/10.7	18154
1999 RC$_{13}$	2001 11 12.9	03 12.71	+00 44.2	19.4	−0.49	− 2.3	2.9/08.8	5590
2000 OZ$_{32}$	2001 11 12.9	03 12.82	−04 28.3	18.4	−0.87	− 3.8	7.5/07.8	17438
1999 JC$_{70}$	2001 11 13.0	03 12.91	+14 32.8	18.4	−0.93	− 0.3	1.0/12.4	9728
2000 SV$_{46}$	2001 11 13.0	03 12.93	+35 15.9	16.8	−0.94	− 6.0	5.9/17.4	18291
2000 SB$_{350}$	2001 11 13.0	03 13.02	+01 12.0	19.1	−0.56	− 0.8	3.2/09.4	16089
2000 QY$_{39}$	2001 11 13.0	03 13.11	+32 39.9	18.5	−0.95	− 2.9	4.4/16.4	4989
1998 HT$_{129}$	2001 11 13.0	03 13.12	+09 48.9	18.7	−0.79	− 5.4	2.5/11.1	18164
1998 MU$_{31}$	2001 11 13.0	03 13.26	−08 47.8	17.6	−0.54	− 0.3	4.7/07.2	18165
2000 ER$_{26}$	2001 11 13.1	03 13.34	−18 11.5	18.8	−0.96	−11.0	17.4/31.8	18238
2000 GZ$_{124}$	2001 11 13.1	03 13.36	+05 40.5	17.9	−0.83	− 9.5	4.2/09.9	18257
1999 JT$_{131}$	2001 11 13.1	03 13.46	+19 35.9	18.5	−0.82	− 5.4	0.5/13.5	4942
2000 TG$_{64}$	2001 11 13.1	03 13.48	−01 49.1	18.7	−0.54	− 1.0	3.8/08.7	18299
2000 EW$_{54}$	2001 11 13.1	03 13.50	+17 19.8	16.8	−1.27	+ 3.3	0.3/13.1	17193
1999 BW$_{6}$	2001 11 13.1	03 13.50	+14 07.0	17.3	−0.95	− 1.9	1.3/12.4	18191
1998 HR$_{33}$	2001 11 13.1	03 13.64	+19 30.3	18.5	−0.81	− 4.3	0.4/13.5	4402
2000 KS$_{2}$	2001 11 13.2	03 13.75	−04 10.0	17.8	−0.80	− 6.7	6.9/07.7	18274
1993 FO$_{19}$	2001 11 13.2	03 13.77	−01 19.3	19.5	−0.73	− 4.0	5.0/08.6	4886
2000 KM$_{63}$	2001 11 13.2	03 13.83	+05 38.1	18.2	−1.00	− 3.2	5.0/10.8	17416
1999 JZ$_{102}$	2001 11 13.2	03 13.87	+08 36.5	19.7	−0.84	− 3.0	2.9/11.2	4494
1981 EM$_{25}$	2001 11 13.2	03 13.93	+13 03.8	19.2	−1.02	− 4.9	1.9/12.2	2612
2000 JE$_{44}$	2001 11 13.2	03 13.97	+17 42.8	18.5	−1.09	− 6.0	0.1/13.2	18271
2000 QU$_{116}$	2001 11 13.2	03 14.11	+21 03.2	17.6	−0.83	− 5.2	0.9/14.0	5009
2000 PE$_{5}$	2001 11 13.3	03 14.12	+13 03.4	18.9	−0.93	− 3.4	1.7/12.3	3722
1998 BH$_{35}$	2001 11 13.3	03 14.17	+19 51.6	18.3	−0.96	− 6.8	0.6/13.8	10843
2000 OA$_{3}$	2001 11 13.3	03 14.24	+25 03.9	18.0	−0.96	− 3.5	2.3/14.9	18283
2001 QM$_{76}$	2001 11 13.3	03 14.26	+16 15.9	16.5	−0.91	− 7.6	0.7/12.9	17838
2000 NN$_{26}$	2001 11 13.3	03 14.33	+29 50.1	17.7	−0.92	− 4.5	3.7/16.1	17433
1993 NV$_{1}$	2001 11 13.3	03 14.45	+23 28.2	17.6	−1.08	− 5.0	2.4/14.6	16709
2000 HE$_{9}$	2001 11 13.4	03 14.57	+17 55.8	18.9	−1.06	− 3.6	0.0/13.4	1294
2001 QJ$_{264}$	2001 11 13.4	03 14.65	+00 15.3	16.4	−0.92	− 4.7	7.9/09.3	17986
2000 OV$_{41}$	2001 11 13.4	03 14.71	+17 17.5	18.2	−0.74	− 5.4	0.2/13.3	17439
2000 RA$_{68}$	2001 11 13.4	03 14.72	+40 19.1	18.3	−1.18	− 2.5	7.5/18.4	18290
1992 EX$_{25}$	2001 11 13.4	03 14.95	+15 16.1	17.9	−0.83	− 2.8	0.8/12.9	13536
2000 GJ$_{124}$	2001 11 13.4	03 15.00	+08 30.0	17.9	−1.06	+ 0.1	3.5/12.0	1613
1993 FV$_{53}$	2001 11 13.5	03 15.07	+19 13.3	19.4	−0.86	− 1.8	0.3/13.8	16708
2001 RG$_{76}$	2001 11 13.5	03 15.18	+10 08.3	18.1	−1.02	− 1.9	3.6/12.1	18044
2000 GD$_{72}$	2001 11 13.6	03 15.42	+17 09.3	17.6	−1.15	− 2.1	0.4/13.5	18253
1999 GQ$_{47}$	2001 11 13.6	03 15.55	+27 27.5	18.0	−1.08	− 0.9	3.0/15.4	18205
1992 EM$_{27}$	2001 11 13.6	03 15.57	+29 28.3	19.1	−0.92	− 2.6	3.4/16.1	3114
6340 P-L	2001 11 13.6	03 15.60	+25 55.1	19.3	−0.99	− 3.2	2.9/15.3	6144
2001 SX$_{9}$	2001 11 13.6	03 15.69	+20 34.5	18.7	−0.88	− 1.7	0.7/14.2	18075
2000 AN$_{42}$	2001 11 13.6	03 15.78	−15 56.7	16.9	−1.51	+10.7	16.6/12.3	8469
2140 T-2	2001 11 13.6	03 15.81	+30 25.9	17.3	−0.94	− 1.3	3.3/16.2	18513
2000 OV	2001 11 13.7	03 15.83	+24 40.5	18.0	−0.89	− 2.8	2.2/15.1	18283
1997 YX$_{12}$	2001 11 13.7	03 15.84	+17 59.6	20.0	−0.89	− 3.4	0.0/13.7	14756
1999 DV$_{5}$	2001 11 13.7	03 15.89	+27 59.0	18.6	−0.96	− 7.2	3.0/16.2	16955
1998 HB$_{32}$	2001 11 13.7	03 15.95	+14 40.9	19.7	−0.77	− 4.7	0.9/12.9	16813
6124 P-L	2001 11 13.7	03 16.02	+11 58.1	18.5	−1.04	− 5.2	2.5/12.5	18512
1979 MH$_{8}$	2001 11 13.7	03 16.05	+15 32.4	19.4	−1.07	− 4.7	1.0/13.2	601
1999 FC$_{32}$	2001 11 13.7	03 16.06	+17 51.1	16.9	−1.09	− 1.9	0.1/13.7	16967
2000 KP$_{5}$	2001 11 13.7	03 16.08	+08 06.7	18.6	−0.97	− 5.1	4.1/11.6	18275
1999 JE$_{80}$	2001 11 13.7	03 16.15	+08 23.1	19.0	−0.74	− 6.9	2.6/11.3	4487
1999 JY$_{69}$	2001 11 13.7	03 16.15	+05 01.5	17.0	−0.87	− 8.0	5.1/10.4	16993
1997 ML$_{4}$	2001 11 13.8	03 16.17	+26 10.3	17.9	−1.13	− 7.1	3.4/15.7	18149
7623 P-L	2001 11 13.8	03 16.25	+11 33.0	18.2	−0.92	− 2.9	3.3/12.5	18110
1999 AJ$_{7}$	2001 11 13.8	03 16.25	+36 20.5	18.4	−1.16	− 5.4	6.2/18.2	18189
1994 UV$_{2}$	2001 11 13.8	03 16.29	+22 02.8	16.7	−1.04	− 1.8	2.0/14.6	18138
1998 FQ$_{113}$	2001 11 13.8	03 16.34	+22 02.3	17.2	−0.82	− 4.9	1.2/14.8	16016
2001 OW$_{62}$	2001 11 13.8	03 16.36	+28 33.1	16.4	−1.17	− 2.5	4.1/15.9	17666
1998 RH$_{3}$	2001 11 13.8	03 16.38	+58 46.0	17.3	−2.16	+ 2.1	19.6/23.2	18167
1999 CY$_{48}$	2001 11 13.8	03 16.43	+08 09.4	16.5	−1.02	− 2.1	4.4/12.0	18196
2000 GY$_{88}$	2001 11 13.8	03 16.49	+09 54.8	17.7	−1.12	− 2.2	3.4/12.4	18254
1993 OV$_{4}$	2001 11 13.8	03 16.58	+22 21.8	18.3	−1.08	− 4.7	1.6/14.8	18135
1981 EJ$_{42}$	2001 11 13.8	03 16.62	+06 20.8	20.1	−0.76	− 4.8	3.3/11.1	6180
2000 HU$_{48}$	2001 11 13.9	03 16.56	+19 12.7	17.5	−1.20	− 0.5	0.5/14.1	18264
2000 GL$_{143}$	2001 11 13.9	03 16.57	−05 20.4	17.5	−0.96	− 9.1	9.0/07.8	18258
1999 FK$_{24}$	2001 11 13.9	03 16.81	+34 42.3	18.5	−0.97	− 2.0	4.3/17.6	18202
2000 HF$_{96}$	2001 11 13.9	03 16.92	+04 54.6	19.4	−1.05	− 2.8	5.4/11.5	18267
2001 SZ$_{68}$	2001 11 13.9	03 16.96	+16 23.0	16.0	−1.01	+ 4.4	1.0/13.8	18090
2000 KE$_{69}$	2001 11 13.9	03 16.98	+05 59.3	18.6	−0.96	− 4.8	5.3/11.4	17417
1999 FN$_{33}$	2001 11 13.9	03 16.99	+25 04.4	18.1	−1.02	− 2.3	2.5/15.4	16968
2001 QA$_{178}$	2001 11 14.0	03 17.06	−06 14.8	17.7	−0.84	− 3.5	9.1/08.7	17932
2000 EN$_{69}$	2001 11 14.0	03 17.18	+23 13.9	17.3	−1.22	− 3.4	2.2/15.0	18240
2000 OJ$_{4}$	2001 11 14.0	03 17.23	+26 54.4	18.7	−0.87	− 5.0	2.6/16.1	13670
2001 RJ$_{76}$	2001 11 14.0	03 17.35	+07 09.9	17.9	−1.01	− 5.2	4.5/11.7	18045
2000 CM$_{40}$	2001 11 14.0	03 17.39	−15 35.1	18.0	−0.97	− 3.4	11.1/06.8	2736
1996 GC$_{8}$	2001 11 14.0	03 17.40	+17 44.2	19.6	−1.06	− 2.8	0.2/14.0	2622
1286 T-1	2001 11 14.1	03 17.47	+03 44.3	19.9	−0.75	− 5.7	3.8/10.5	18110
1998 FK$_{51}$	2001 11 14.1	03 17.50	+34 27.4	18.8	−1.03	− 0.4	4.7/17.2	18160
2000 OO$_{29}$	2001 11 14.1	03 17.64	+25 21.9	18.6	−0.87	− 5.7	2.3/15.9	4966
4025 T-1	2001 11 14.1	03 17.73	+13 10.8	18.8	−0.98	− 3.3	1.8/13.2	4022
2000 NX$_{1}$	2001 11 14.2	03 17.90	−03 59.0	18.9	−0.95	− 0.2	7.5/10.3	18282
2000 ES$_{68}$	2001 11 14.2	03 17.93	+13 48.3	19.4	−1.09	− 4.9	1.8/13.3	10954
2000 LG$_{27}$	2001 11 14.2	03 18.06	+31 36.7	18.1	−0.94	− 3.4	4.1/17.2	18281
2000 QO$_{203}$	2001 11 14.2	03 18.10	+22 15.9	18.0	−0.86	− 2.3	1.1/15.1	13714
2000 GR$_{63}$	2001 11 14.2	03 18.11	+14 11.4	18.6	−1.06	− 4.6	1.7/13.4	2467
1991 VG$_{9}$	2001 11 14.2	03 18.16	+14 53.1	19.4	−0.89	− 2.6	1.1/13.6	3114
1999 JC$_{74}$	2001 11 14.2	03 18.18	+08 59.5	20.8	−0.75	− 4.1	2.4/12.2	13599
2001 SU$_{69}$	2001 11 14.2	03 18.23	+06 12.1	17.5	−1.00	− 3.4	4.6/11.9	18090
1997 LF	2001 11 14.3	03 18.23	+06 30.3	19.8	−1.06	− 4.5	5.3/12.0	*32967*

1995 SC$_{64}$	2001 11 14.3	03 18.23	+18 37.5	20.6	−0.85	− 3.3	0.1/14.4	14741
1992 ET$_{10}$	2001 11 14.3	03 18.67	+16 36.5	16.5	−0.87	− 2.7	0.7/14.1	18133
1999 FS$_{33}$	2001 11 14.4	03 18.67	+02 30.3	16.8	−0.85	− 4.8	6.6/10.8	18202
2000 OH$_{60}$	2001 11 14.4	03 18.83	+27 08.7	18.3	−0.90	− 3.4	2.6/16.4	4973
1993 FA$_{19}$	2001 11 14.4	03 18.89	+09 43.1	19.8	−0.79	− 2.7	2.4/12.7	*35290*
1998 HS$_{7}$	2001 11 14.4	03 18.93	+14 28.2	19.1	−1.24	+ 1.0	1.5/13.9	*32075*
1988 CO$_{4}$	2001 11 14.4	03 18.95	+25 36.8	17.1	−1.06	− 6.6	2.8/16.2	18130
1997 SV$_{4}$	2001 11 14.4	03 19.06	+28 46.9	18.3	−1.19	− 2.8	4.1/16.5	18150
2000 QB$_{66}$	2001 11 14.5	03 19.01	+08 18.0	17.1	−0.69	− 1.4	2.4/12.4	18286
2000 RF$_{99}$	2001 11 14.5	03 19.02	+27 43.0	17.3	−0.84	− 5.2	2.5/16.7	18290
2000 QL$_{157}$	2001 11 14.5	03 19.02	+16 14.6	17.9	−0.79	− 6.2	0.7/14.0	18288
2000 RH$_{28}$	2001 11 14.5	03 19.09	+05 08.6	18.9	−0.51	− 4.0	2.5/11.2	18290
1999 HS$_{2}$	2001 11 14.5	03 19.11	+15 36.7	17.8	−1.02	− 4.6	1.0/13.9	18205
1988 RE$_{12}$	2001 11 14.5	03 19.11	+02 06.0	20.3	−0.52	− 2.9	3.1/10.7	13532
2000 OA$_{7}$	2001 11 14.5	03 19.14	+31 59.5	18.4	−1.05	− 6.1	4.4/17.8	3668
1999 GW$_{34}$	2001 11 14.5	03 19.15	+19 52.7	17.3	−1.04	− 4.3	0.6/14.9	16037
1999 AE$_{20}$	2001 11 14.5	03 19.16	+09 04.3	21.0	−0.84	− 2.9	2.4/12.6	6821
2000 MY$_{5}$	2001 11 14.5	03 19.26	+10 16.4	19.4	−0.89	− 3.7	2.6/12.9	3630
2000 LU$_{33}$	2001 11 14.6	03 19.51	+30 54.6	18.9	−1.00	− 6.1	3.9/17.7	3941
2000 NF$_{29}$	2001 11 14.6	03 19.51	+12 26.0	17.1	−1.12	− 1.4	2.7/13.6	17434
2000 HL$_{53}$	2001 11 14.6	03 19.53	+16 51.4	19.3	−1.03	− 5.5	0.5/14.3	3934
2000 QD$_{193}$	2001 11 14.6	03 19.57	+14 17.4	19.5	−0.82	− 2.7	1.1/13.8	4686
2000 SW$_{60}$	2001 11 14.6	03 19.58	+26 39.2	18.7	−0.79	− 1.3	2.1/16.3	13747
2000 GV$_{71}$	2001 11 14.6	03 19.59	+12 18.9	17.3	−1.04	− 6.5	2.8/13.3	18253
2000 OU$_{54}$	2001 11 14.6	03 19.63	+21 45.2	18.5	−0.88	− 3.6	1.1/15.4	16086
2628 P-L	2001 11 14.6	03 19.65	+20 30.6	18.8	−1.07	− 3.4	0.9/15.1	3834
1999 FN	2001 11 14.6	03 19.68	+07 20.3	18.3	−0.86	− 6.5	3.5/12.0	18201
2000 LF$_{2}$	2001 11 14.6	03 19.74	+14 33.6	16.9	−1.01	− 4.5	1.8/13.9	18279
1994 YR$_{1}$	2001 11 14.6	03 19.78	+10 54.0	17.1	−1.09	+ 0.3	3.3/13.5	18139
1993 UV$_{2}$	2001 11 14.6	03 19.81	−29 00.3	17.5	−1.38	+11.0	24.4/11.8	1414
1993 PT$_{1}$	2001 11 14.6	03 19.82	+13 45.1	21.1	−1.04	− 4.2	1.7/13.7	9029
1998 FD$_{63}$	2001 11 14.6	03 19.87	+35 01.6	20.5	−0.98	− 0.6	4.4/17.9	16799
1999 CU$_{34}$	2001 11 14.7	03 19.85	+24 57.2	17.5	−1.13	− 2.7	2.7/16.0	18195
2000 QO$_{227}$	2001 11 14.7	03 19.96	+54 14.1	20.3	−1.37	+ 0.2	9.6/22.5	4705
1989 OC	2001 11 14.7	03 20.07	+30 28.4	18.6	−1.15	− 4.8	4.0/17.4	133
1999 FK$_{47}$	2001 11 14.7	03 20.24	+31 41.5	16.0	−1.08	− 4.1	5.9/17.8	16972
2000 PS$_{29}$	2001 11 14.7	03 20.24	+22 31.9	18.2	−0.93	− 0.4	1.3/15.5	9796
2202 T-1	2001 11 14.8	03 20.27	+12 57.6	20.6	−0.75	− 3.0	1.3/13.6	5146
1993 TD	2001 11 14.8	03 20.29	+35 13.4	16.6	−1.23	+ 1.4	7.9/17.6	18136
2000 JO$_{32}$	2001 11 14.8	03 20.35	+19 48.8	19.8	−1.01	− 7.0	0.5/15.2	5760
2000 NV$_{8}$	2001 11 14.8	03 20.42	+17 31.0	18.4	−0.82	− 4.4	0.3/14.6	3944
1994 PX$_{15}$	2001 11 14.8	03 20.48	+14 06.1	17.2	−1.06	− 4.6	2.0/14.0	18137
2000 JC$_{52}$	2001 11 14.8	03 20.50	+27 25.4	17.7	−1.10	− 7.4	3.4/17.0	18272
2000 PS$_{13}$	2001 11 14.8	03 20.56	+12 34.4	18.6	−0.98	− 3.4	2.2/13.7	4593
1999 JR$_{49}$	2001 11 14.8	03 20.65	+15 23.3	18.7	−0.80	− 5.6	0.9/14.2	18207
2000 LH$_{22}$	2001 11 14.9	03 20.71	+08 47.5	18.5	−0.94	− 4.9	3.5/12.9	2795
2000 HW$_{2}$	2001 11 14.9	03 20.75	+13 22.7	19.7	−0.97	− 4.4	1.6/13.9	18260
2000 EU$_{106}$	2001 11 14.9	03 20.92	−01 21.4	18.4	−1.06	− 9.9	7.8/10.2	17205
2000 NC$_{4}$	2001 11 14.9	03 21.10	+19 01.8	16.7	−0.92	− 6.1	0.3/15.1	18282
2000 GU$_{134}$	2001 11 14.9	03 21.12	+05 33.9	17.2	−1.06	− 3.0	5.4/12.6	17301
9590 P-L	2001 11 15.0	03 21.20	+18 40.3	17.3	−0.97	− 0.9	0.1/15.1	18512
2000 KW$_{5}$	2001 11 15.0	03 21.21	+12 18.2	16.6	−0.95	− 7.0	2.9/13.6	18275
2000 QX$_{84}$	2001 11 15.0	03 21.29	+33 30.3	19.2	−0.95	− 3.6	4.8/18.4	18287
2000 HQ$_{27}$	2001 11 15.0	03 21.34	+08 18.6	16.2	−1.01	−24.2	4.9/11.5	17328
2000 HY$_{71}$	2001 11 15.0	03 21.35	+12 50.2	16.5	−0.84	−12.3	2.8/13.5	17345
1999 BO$_{4}$	2001 11 15.0	03 21.37	+41 26.3	17.6	−1.26	− 3.9	8.8/20.6	*33985*
2000 EC$_{15}$	2001 11 15.0	03 21.37	+34 07.4	17.4	−1.34	− 2.2	6.3/18.1	18237
2001 RX$_{46}$	2001 11 15.0	03 21.52	−26 51.7	18.1	−1.27	+ 5.1	21.1/09.2	18030
2000 OE$_{35}$	2001 11 15.1	03 21.53	+09 33.3	18.3	−0.81	− 5.6	2.9/13.1	18284
2763 P-L	2001 11 15.1	03 21.93	+16 07.0	18.1	−0.88	− 2.8	0.8/14.7	*31824*
2000 OF$_{60}$	2001 11 15.1	03 21.95	+43 09.8	17.6	−1.08	− 2.4	8.5/20.7	18284
2000 KP$_{53}$	2001 11 15.1	03 21.96	+22 11.7	18.8	−1.01	− 5.2	1.4/16.0	17410
2001 QC$_{182}$	2001 11 15.2	03 21.97	+02 32.7	16.8	−0.83	− 5.4	7.1/11.4	17936
2000 KE$_{8}$	2001 11 15.2	03 22.08	+12 17.9	21.0	−1.01	− 3.4	2.2/14.0	7036
1999 JV$_{96}$	2001 11 15.2	03 22.12	+07 12.1	19.3	−0.80	− 1.6	3.0/13.1	5571
1990 WH$_{4}$	2001 11 15.2	03 22.22	+09 14.0	17.5	−1.11	− 0.1	3.6/13.8	18132
2001 QS$_{77}$	2001 11 15.2	03 22.30	+19 25.6	17.4	−0.97	− 1.6	0.3/15.5	17839
1999 JQ$_{123}$	2001 11 15.2	03 22.32	+19 03.1	18.5	−0.91	− 2.6	0.2/15.4	17003
1992 EO$_{7}$	2001 11 15.3	03 22.33	+17 13.6	18.1	−1.14	− 1.2	0.5/15.1	*34288*
1998 QT$_{3}$	2001 11 15.3	03 22.39	−29 12.7	18.8	−0.95	− 2.8	23.4/29.9	3246
2000 QF$_{37}$	2001 11 15.3	03 22.43	+15 59.4	17.8	−0.86	− 3.7	0.8/14.8	16087
1998 HS$_{14}$	2001 11 15.3	03 22.46	+14 39.2	17.9	−0.83	− 2.5	1.4/14.6	16810
1997 SE$_{19}$	2001 11 15.3	03 22.51	+20 14.3	18.9	−1.08	− 4.5	0.7/15.7	1923
2000 LU$_{17}$	2001 11 15.3	03 22.51	+16 22.2	17.5	−0.83	− 6.6	0.7/14.8	17425
1999 FA$_{35}$	2001 11 15.3	03 22.66	+09 08.1	17.7	−0.89	− 8.5	3.4/13.0	16969
1996 XZ$_{2}$	2001 11 15.4	03 22.81	+02 12.1	18.2	−0.82	− 0.9	4.5/12.3	3878
1981 EE$_{4}$	2001 11 15.4	03 22.94	+23 52.0	18.9	−0.83	− 4.8	1.6/16.7	5383
2000 JU$_{51}$	2001 11 15.4	03 22.99	+25 07.4	17.9	−1.08	− 7.4	2.4/17.0	5762
2000 HV$_{56}$	2001 11 15.4	03 23.00	+15 26.4	18.5	−1.12	− 2.4	1.2/14.9	2775
2000 AL$_{42}$	2001 11 15.4	03 23.01	−36 29.1	16.4	−1.51	+13.8	27.4/18.2	2711
1996 KU$_{1}$	2001 11 15.4	03 23.04	+12 43.3	19.9	−0.96	− 5.5	1.8/14.2	2623
2000 QO$_{39}$	2001 11 15.4	03 23.05	+17 18.5	19.4	−0.82	− 3.2	0.4/15.2	4989
1999 JZ$_{68}$	2001 11 15.5	03 23.16	+12 05.2	19.1	−0.89	− 4.2	2.1/14.1	4938
1989 CU$_{2}$	2001 11 15.5	03 23.24	+11 03.5	17.9	−0.87	− 6.5	2.7/13.7	16698
2000 OD$_{30}$	2001 11 15.5	03 23.25	+05 34.3	18.6	−0.80	− 4.4	4.1/12.7	18284
2000 JE$_{17}$	2001 11 15.5	03 23.30	+11 29.0	17.8	−1.08	− 2.4	2.8/14.3	18269
2000 QE$_{12}$	2001 11 15.5	03 23.41	+17 15.8	19.1	−0.83	− 3.1	0.4/15.3	6287
1987 QX	2001 11 15.6	03 23.56	+48 48.7	16.9	−1.29	+ 1.2	16.5/24.3	18130
1999 JK$_{28}$	2001 11 15.6	03 23.57	+18 27.5	19.0	−0.83	− 3.0	0.0/15.6	13596
2000 QZ$_{3}$	2001 11 15.6	03 23.72	+29 58.8	19.2	−0.93	− 2.5	3.1/18.0	18286
1999 CR$_{32}$	2001 11 15.6	03 23.84	+06 23.9	18.2	−1.05	− 2.0	5.2/13.4	16927
1998 DW$_{5}$	2001 11 15.6	03 23.86	+48 59.1	19.9	−1.12	− 2.1	7.4/22.7	4903
2000 LL$_{30}$	2001 11 15.6	03 24.02	+14 31.7	19.6	−0.92	− 4.0	1.3/14.8	5776
2000 QM$_{137}$	2001 11 15.7	03 24.05	+14 05.5	17.6	−0.82	− 5.8	1.5/14.7	18287
1999 JT$_{31}$	2001 11 15.7	03 24.20	+16 32.9	20.3	−0.82	− 3.6	0.6/15.3	16988
2000 QP$_{8}$	2001 11 15.7	03 24.20	+39 12.4	17.9	−1.18	− 2.1	7.1/19.8	18286
2000 HM$_{14}$	2001 11 15.7	03 24.22	+26 19.0	18.4	−1.41	+ 3.0	2.8/17.0	1624
1999 JT$_{115}$	2001 11 15.7	03 24.31	+17 12.8	17.4	−0.81	− 7.3	0.4/15.4	18209
2000 OG$_{23}$	2001 11 15.7	03 24.38	−07 48.2	18.1	−0.86	+ 1.1	8.2/11.6	18283
1968 OF$_{1}$	2001 11 15.8	03 24.37	+33 10.6	18.3	−0.94	− 5.4	4.3/19.3	4879
1999 JO$_{10}$	2001 11 15.8	03 24.45	−00 17.9	18.3	−0.88	− 0.9	6.4/12.3	18206
1999 BQ$_{23}$	2001 11 15.8	03 24.50	+24 47.9	18.4	−1.11	− 5.3	2.2/17.0	3902

2000 PB$_{14}$	2001 11 15.8	03 24.55	+24 37.4	18.3	−0.96	− 4.6	2.2/17.1	7047
1997 JM$_{11}$	2001 11 15.8	03 24.76	+16 04.9	18.8	−0.68	− 2.2	0.6/15.3	18149
1998 HZ$_{5}$	2001 11 15.8	03 24.82	+10 33.8	19.6	−0.82	− 3.6	2.5/14.2	14760
2000 EG$_{128}$	2001 11 15.8	03 24.83	−26 04.8	18.5	−0.97	− 6.3	22.1/01.1	732
2000 HH$_{15}$	2001 11 15.8	03 24.86	+15 30.0	17.9	−1.08	− 2.9	1.2/15.3	18261
1981 EL$_{40}$	2001 11 15.9	03 24.82	+25 40.9	20.4	−1.01	− 3.0	2.3/17.3	*26922*
1995 UN$_{6}$	2001 11 15.9	03 24.83	+30 48.8	18.9	−0.91	− 4.4	4.0/18.7	5412
2000 MS$_{5}$	2001 11 15.9	03 24.83	−04 10.7	18.5	−0.87	− 2.9	6.9/11.3	4957
2000 GM$_{103}$	2001 11 15.9	03 24.84	+11 55.8	19.5	−1.06	− 4.0	2.5/14.6	5743
4054 P-L	2001 11 15.9	03 24.87	+17 03.5	18.2	−0.92	− 4.8	0.6/15.6	18101
2000 QA$_{15}$	2001 11 15.9	03 24.91	+18 10.9	19.8	−0.85	− 2.9	0.1/15.8	7049
2000 OA$_{57}$	2001 11 15.9	03 24.97	+41 56.7	17.3	−1.06	− 2.4	8.4/21.1	18284
1992 EB$_{2}$	2001 11 15.9	03 24.99	+10 26.3	19.6	−0.76	− 3.1	2.2/14.2	*32048*
2000 QM$_{160}$	2001 11 15.9	03 25.04	+10 12.2	19.9	−0.75	− 5.0	2.3/14.0	17447
1993 SO$_{14}$	2001 11 15.9	03 25.05	+15 05.2	19.4	−1.01	− 4.1	1.2/15.2	2618
1998 BU$_{15}$	2001 11 15.9	03 25.08	+17 07.3	16.8	−0.98	− 0.4	0.6/15.7	18157
2000 GZ$_{80}$	2001 11 15.9	03 25.10	+12 33.1	17.2	−1.04	− 4.1	2.6/14.8	1275
1993 FM$_{34}$	2001 11 15.9	03 25.15	+16 06.0	18.3	−0.86	− 1.5	0.8/15.5	18134
1997 RA$_{10}$	2001 11 15.9	03 25.21	+12 09.7	17.1	−0.98	− 3.2	3.0/14.7	18150
1998 FK$_{13}$	2001 11 16.0	03 25.26	+10 35.0	20.4	−0.69	− 2.4	1.6/14.3	14757
1998 XN$_{46}$	2001 11 16.0	03 25.34	+21 45.6	15.7	−1.24	+ 1.6	1.6/17.0	18186
1993 FE$_{19}$	2001 11 16.0	03 25.41	+10 02.6	18.8	−0.85	− 2.4	2.7/14.3	*31723*
1999 CW$_{135}$	2001 11 16.0	03 25.56	+44 13.6	17.6	−1.34	− 1.1	10.5/21.5	16950
1993 FX$_{4}$	2001 11 16.0	03 25.57	+05 54.6	20.5	−0.75	− 3.5	3.3/13.4	5395
2000 GU$_{76}$	2001 11 16.0	03 25.62	+20 24.3	19.3	−1.18	− 3.7	0.7/16.4	1603
1993 TS$_{10}$	2001 11 16.0	03 25.68	+26 55.4	18.1	−1.15	− 1.7	3.2/17.6	18136
1999 CQ$_{85}$	2001 11 16.1	03 25.60	+14 58.9	18.0	−1.15	− 0.2	1.8/15.5	18197
1997 XK$_{13}$	2001 11 16.1	03 25.77	−08 33.0	17.8	−0.76	− 2.7	8.0/10.3	18156
1999 JN$_{79}$	2001 11 16.1	03 25.84	+13 53.8	18.9	−0.88	− 5.9	1.6/15.1	4486
2000 HV$_{23}$	2001 11 16.2	03 26.17	+13 02.9	18.8	−1.05	− 3.2	2.3/15.2	1298
1996 XU$_{2}$	2001 11 16.2	03 26.17	+27 36.1	17.4	−0.89	− 4.9	3.1/18.2	18147
1990 FM	2001 11 16.2	03 26.19	+05 03.7	17.9	−0.92	− 0.4	3.7/13.9	18131
2000 OM$_{2}$	2001 11 16.2	03 26.37	+19 24.6	18.5	−1.08	− 4.2	0.3/16.4	14903
1999 FH$_{30}$	2001 11 16.2	03 26.46	+21 18.7	17.3	−1.11	− 1.6	1.1/16.7	18202
2000 QO$_{2}$	2001 11 16.2	03 26.48	+32 45.8	18.3	−0.97	− 3.0	4.2/19.3	13679
1997 QB$_{2}$	2001 11 16.3	03 26.46	+33 14.0	16.6	−1.19	− 0.9	7.2/19.1	18150
2000 FL$_{50}$	2001 11 16.3	03 26.48	+20 47.8	17.5	−1.18	− 5.3	0.9/17.0	18249
1999 NE$_{11}$	2001 11 16.3	03 26.48	−24 15.6	19.0	−0.56	− 0.6	7.5/06.1	17013
2161 T-3	2001 11 16.3	03 26.60	+04 32.5	19.1	−0.52	− 4.5	2.6/12.8	13876
1984 SL$_{4}$	2001 11 16.3	03 26.69	+26 33.6	18.1	−1.24	− 4.0	3.2/17.9	18130
1999 CS$_{58}$	2001 11 16.3	03 26.72	+22 44.3	19.1	−1.02	− 1.8	1.2/17.1	5516
1995 FR$_{7}$	2001 11 16.3	03 26.90	+07 42.2	17.1	−0.93	− 0.9	5.3/14.5	18139
2000 NQ$_{12}$	2001 11 16.4	03 26.84	+12 17.5	18.4	−0.96	− 7.0	2.3/14.9	4958
1997 XJ$_{2}$	2001 11 16.4	03 26.97	+21 23.5	16.9	−0.99	− 3.3	1.1/17.0	18156
2000 JQ$_{65}$	2001 11 16.4	03 27.03	+06 54.3	19.5	−1.04	− 4.2	4.3/14.1	10608
2000 GH$_{112}$	2001 11 16.4	03 27.05	+10 27.0	18.2	−1.10	− 4.0	3.4/14.9	1611
2000 GY$_{78}$	2001 11 16.4	03 27.07	+18 13.3	20.4	−1.12	− 3.3	0.2/16.3	7024
2000 LD$_{21}$	2001 11 16.4	03 27.23	−15 14.5	19.7	−1.01	− 1.1	10.8/09.7	3940
2000 QQ$_{116}$	2001 11 16.4	03 27.25	+12 41.1	18.1	−0.59	− 1.3	1.3/15.3	17445
2000 LE$_{30}$	2001 11 16.4	03 27.27	+07 17.4	18.6	−1.01	− 1.9	3.9/14.5	18281
1979 MP$_{2}$	2001 11 16.5	03 27.29	+26 52.8	19.1	−0.89	− 4.9	2.4/18.3	13529

1997 XY	2001 11 16.5	03 27.32	+26 03.2	16.8	−0.96	− 3.2	3.5/18.0	18156
1999 LL$_{28}$	2001 11 16.5	03 27.34	−05 53.3	19.7	−0.78	− 1.4	6.8/11.5	17011
1998 FH$_{64}$	2001 11 16.5	03 27.37	+14 57.3	19.3	−0.81	− 2.9	1.1/15.7	4908
2000 QA$_{44}$	2001 11 16.5	03 27.37	+18 59.1	18.9	−0.84	− 3.2	0.0/16.6	13685
3173 T-2	2001 11 16.5	03 27.37	+23 32.1	18.4	−1.17	+ 0.3	2.3/17.2	18117
1993 FB$_{9}$	2001 11 16.5	03 27.41	+16 29.3	17.7	−0.85	− 2.2	0.7/16.1	18134
2000 GE$_{87}$	2001 11 16.5	03 27.44	+13 46.2	16.4	−1.18	+ 0.9	2.4/15.8	17281
2000 GH$_{124}$	2001 11 16.5	03 27.49	+04 11.2	16.5	−1.01	− 3.8	6.5/13.7	17298
1996 AF$_{3}$	2001 11 16.5	03 27.54	+23 49.6	19.9	−1.18	− 3.8	1.9/17.5	6733
1998 FE$_{92}$	2001 11 16.5	03 27.58	+20 43.3	16.6	−0.99	+ 0.6	0.7/16.9	16802
1996 HW$_{22}$	2001 11 16.5	03 27.60	+17 31.8	19.9	−1.02	− 4.3	0.4/16.3	*34514*
2000 PD$_{7}$	2001 11 16.5	03 27.60	+19 59.2	17.3	−0.97	− 4.1	0.4/16.8	16086
2000 RC$_{84}$	2001 11 16.5	03 27.71	+08 00.2	18.3	−0.78	− 4.5	3.4/14.2	18290
2000 EZ$_{97}$	2001 11 16.5	03 27.74	+34 01.7	16.9	−2.02	+10.3	7.7/17.3	17203
2000 KV	2001 11 16.6	03 27.66	+16 59.5	19.2	−1.04	− 3.9	0.7/16.2	5766
1999 CF$_{57}$	2001 11 16.6	03 27.75	+24 05.7	17.2	−1.07	− 3.4	2.1/17.6	16932
6187 P-L	2001 11 16.6	03 27.76	+12 23.1	19.6	−1.00	− 5.4	2.2/15.3	18512
2000 GJ$_{78}$	2001 11 16.6	03 27.85	+19 27.7	19.6	−1.15	− 3.1	9.7/07.0	3561
1996 XW	2001 11 16.6	03 27.86	+14 45.2	17.6	−0.97	+ 0.8	1.5/16.0	18147
2000 SY$_{57}$	2001 11 16.6	03 27.90	+20 20.7	19.2	−0.86	− 2.9	0.4/16.9	6352
1998 WX$_{26}$	2001 11 16.6	03 27.94	+16 09.3	19.4	−1.08	− 3.6	1.0/16.1	3900
2000 LN$_{14}$	2001 11 16.6	03 27.98	+05 26.0	16.2	−1.03	+ 5.3	5.6/15.4	18280
2000 CU$_{58}$	2001 11 16.6	03 28.03	−25 59.7	18.7	−1.14	− 4.8	19.3/04.0	707
2000 QA$_{87}$	2001 11 16.6	03 28.05	+30 38.1	18.8	−0.93	− 3.7	3.7/19.2	13693
2000 NX$_{13}$	2001 11 16.6	03 28.07	+02 50.0	19.5	−0.87	− 2.8	4.9/13.5	4959
2001 QG$_{80}$	2001 11 16.6	03 28.12	+32 02.6	16.3	−1.18	+ 0.5	5.1/18.9	17841
1996 HU$_{23}$	2001 11 16.6	03 28.13	+15 26.8	17.9	−1.01	− 5.9	1.3/16.0	16737
2000 MX$_{1}$	2001 11 16.7	03 28.07	+23 13.5	19.4	−1.11	− 4.1	1.6/17.6	12242
2000 NA$_{16}$	2001 11 16.7	03 28.09	+20 54.6	17.6	−0.93	− 2.8	0.7/17.1	16085
1998 FB$_{143}$	2001 11 16.7	03 28.16	+10 31.3	18.7	−0.76	− 5.4	2.4/14.8	14760
1999 CE$_{33}$	2001 11 16.7	03 28.17	+13 46.6	18.7	−1.04	− 2.8	1.9/15.8	4429
1994 CD$_{7}$	2001 11 16.7	03 28.24	+08 54.6	21.3	−0.87	− 3.2	2.9/14.7	*33240*
1999 CB$_{98}$	2001 11 16.7	03 28.34	+37 11.2	19.3	−1.17	− 2.6	5.9/20.4	4926
1998 FL$_{69}$	2001 11 16.7	03 28.38	+15 53.0	19.5	−0.83	− 2.9	0.9/16.2	16799
1103 T-3	2001 11 16.8	03 28.51	+21 54.0	17.9	−1.11	− 7.0	1.2/17.5	18514
1996 JB$_{1}$	2001 11 16.8	03 28.56	+16 05.1	18.5	−1.04	−11.8	1.0/16.1	16738
2000 EA$_{98}$	2001 11 16.8	03 28.63	−25 01.6	17.6	−1.23	+ 2.8	19.5/09.3	1576
2000 HJ$_{23}$	2001 11 16.8	03 28.68	+05 01.2	17.6	−0.92	− 6.9	5.5/13.8	17326
1997 PW$_{3}$	2001 11 16.8	03 28.85	+29 26.1	17.9	−1.20	− 2.1	4.4/18.7	18150
5105 T-2	2001 11 16.8	03 28.95	+28 53.2	18.3	−1.00	− 4.2	3.1/19.0	13876
1992 EW$_{2}$	2001 11 16.8	03 28.96	+19 45.3	20.3	−1.07	− 3.2	0.3/17.0	*35685*
2000 SN$_{284}$	2001 11 16.9	03 28.90	+27 21.8	18.6	−0.72	− 2.7	2.0/18.7	10987
1997 SL$_{11}$	2001 11 16.9	03 29.00	+22 40.0	19.7	−1.14	− 3.4	1.5/17.6	1008
2001 QK$_{76}$	2001 11 16.9	03 29.09	+14 43.9	17.7	−0.93	− 7.6	1.9/16.0	17838
2000 PA$_{1}$	2001 11 16.9	03 29.34	+10 49.0	18.8	−0.85	− 1.7	2.5/15.5	4974
1993 FF$_{80}$	2001 11 16.9	03 29.39	+14 59.2	17.9	−1.13	− 2.7	1.6/16.3	18135
2000 HB$_{21}$	2001 11 17.0	03 29.32	+13 17.3	17.9	−1.09	− 3.3	2.3/16.0	18261
1998 HO$_{136}$	2001 11 17.0	03 29.42	+20 08.4	17.8	−0.92	− 0.1	0.4/17.2	16823
2000 GB$_{75}$	2001 11 17.0	03 29.48	+13 33.0	16.8	−0.97	− 5.3	2.4/15.9	18253
1986 RU	2001 11 17.0	03 29.49	+02 07.0	16.2	−0.78	−10.0	8.4/12.3	16697
1998 FP$_{115}$	2001 11 17.0	03 29.55	+30 34.7	19.4	−0.99	− 1.7	3.5/19.2	5468

1999 CB_{95}	2001 11 17.0	03 29.57	+17 37.1	18.7	−1.04	− 2.6	0.5/16.8	6825
1999 CE_{112}	2001 11 17.0	03 29.74	+22 05.0	18.0	−0.97	− 6.2	1.0/17.8	18198
2000 OK_{40}	2001 11 17.1	03 29.73	+27 07.1	20.6	−0.97	− 6.4	2.6/19.0	7526
2000 GN_{126}	2001 11 17.1	03 29.74	+06 44.1	17.6	−0.91	− 6.8	4.3/14.4	18257
2000 QX_{185}	2001 11 17.1	03 29.80	+14 18.5	18.8	−0.98	− 2.7	1.5/16.2	17449
1996 XS_{5}	2001 11 17.1	03 29.86	+12 29.9	18.0	−0.86	− 1.8	2.1/15.9	18147
1994 BR_{3}	2001 11 17.1	03 30.07	−00 32.5	17.2	−0.88	− 2.7	6.2/13.3	18137
1997 YJ_{2}	2001 11 17.1	03 30.09	+33 17.6	17.4	−1.03	− 5.9	5.4/20.5	18156
2000 NA_{13}	2001 11 17.1	03 30.17	+29 29.4	18.1	−0.91	− 4.7	3.5/19.5	3944
2000 GC_{163}	2001 11 17.1	03 30.18	+22 50.3	17.9	−1.45	+ 4.6	1.5/17.6	2772
2000 KB_{35}	2001 11 17.1	03 30.21	+08 19.0	20.1	−0.94	− 3.5	3.8/15.2	17405
2000 GY_{108}	2001 11 17.2	03 30.15	+16 56.6	17.7	−1.18	− 0.8	0.8/16.9	17292
1996 FN_{18}	2001 11 17.2	03 30.23	+23 27.3	17.5	−1.17	− 1.9	1.8/18.0	18144
1998 HV_{47}	2001 11 17.2	03 30.33	+14 35.0	17.5	−0.87	− 1.3	1.5/16.4	18163
1981 EC_{31}	2001 11 17.2	03 30.38	+39 17.7	18.4	−1.23	+ 0.2	7.8/20.6	*31096*
2001 QN_{76}	2001 11 17.2	03 30.40	+27 26.5	16.5	−1.10	− 1.1	3.8/18.7	18380
3003 T-2	2001 11 17.2	03 30.43	+06 29.6	18.2	−0.87	− 4.5	4.5/14.7	18513
1997 UE_{13}	2001 11 17.2	03 30.50	+21 39.6	19.4	−1.08	− 2.9	1.0/17.8	5435
1999 LX_{2}	2001 11 17.2	03 30.61	+06 42.7	19.6	−0.82	− 1.4	3.8/15.1	17007
2001 QV_{76}	2001 11 17.3	03 30.56	+26 08.9	17.3	−1.14	− 0.7	3.2/18.5	17838
2000 JL_{17}	2001 11 17.3	03 30.65	+12 00.2	18.1	−1.08	− 4.0	2.8/16.0	2778
2000 QB_{173}	2001 11 17.3	03 30.70	+25 21.0	18.8	−0.93	− 5.1	2.0/18.7	13710
2001 QY_{76}	2001 11 17.3	03 30.81	+25 55.4	16.6	−1.04	− 2.9	3.1/18.6	17838
3252 T-3	2001 11 17.3	03 30.83	+18 49.2	18.5	−1.04	− 3.9	0.1/17.3	2805
2001 QV_{79}	2001 11 17.3	03 30.85	+17 38.9	17.3	−0.97	− 3.9	0.6/17.1	17841
2000 JY_{54}	2001 11 17.3	03 30.86	+16 32.4	18.5	−1.17	− 0.8	1.0/17.0	2528
1993 FG_{29}	2001 11 17.3	03 30.93	+33 26.1	17.5	−1.00	− 2.6	5.2/20.3	18134
2000 QT_{221}	2001 11 17.3	03 30.93	+39 01.1	20.1	−1.13	− 2.0	5.7/21.4	13717
2000 NM_{24}	2001 11 17.4	03 31.02	+37 00.2	18.8	−1.10	− 5.3	5.6/21.5	4961
2000 OU_{40}	2001 11 17.4	03 31.13	+14 00.7	17.2	−0.82	− 6.1	1.7/16.3	18284
2000 QZ_{35}	2001 11 17.4	03 31.17	+34 45.4	20.2	−1.07	− 3.7	4.9/20.7	10965
1999 LW_{33}	2001 11 17.4	03 31.24	+06 19.3	18.8	−0.83	− 0.5	3.8/15.3	17012
1999 JO_{94}	2001 11 17.4	03 31.30	−04 39.5	18.6	−0.82	− 0.1	7.0/13.4	16039
1990 RH_{2}	2001 11 17.4	03 31.31	+31 14.6	17.1	−1.18	− 2.5	5.5/19.7	18131
1202 T-1	2001 11 17.4	03 31.35	+14 59.7	19.6	−0.97	− 4.1	1.4/16.7	4864
2000 JJ_{26}	2001 11 17.4	03 31.40	+30 54.2	16.6	−1.29	− 0.5	5.2/19.4	18270
1999 JB_{108}	2001 11 17.4	03 31.40	+21 39.6	18.3	−0.89	− 1.5	0.8/18.0	16040
2000 QE_{69}	2001 11 17.4	03 31.41	+48 17.2	18.2	−1.12	− 5.2	9.4/25.3	4995
1999 CW_{55}	2001 11 17.4	03 31.47	+20 54.3	16.6	−1.17	+ 0.6	0.7/17.8	16932
2001 OV_{62}	2001 11 17.5	03 31.46	+28 17.6	16.4	−1.07	− 2.3	3.7/19.2	18340
1998 CG_{1}	2001 11 17.5	03 31.48	+14 24.3	17.8	−0.95	+ 0.4	1.6/16.8	18158
1996 HR_{12}	2001 11 17.5	03 31.59	+18 47.4	19.9	−1.09	− 3.7	0.1/17.5	3143
2001 QH_{220}	2001 11 17.5	03 31.71	+29 14.4	17.2	−1.17	− 1.5	3.8/19.4	17957
1998 FO_{76}	2001 11 17.5	03 31.86	+17 10.0	18.0	−0.90	− 1.2	0.6/17.3	16800
2000 GA_{82}	2001 11 17.6	03 31.86	−08 59.0	18.4	−1.10	−13.8	12.1/09.3	10957
2001 QZ_{177}	2001 11 17.6	03 31.98	−00 53.9	15.8	−0.88	− 0.7	9.0/14.1	17932
2000 GJ_{131}	2001 11 17.6	03 32.01	+17 49.4	21.2	−1.02	− 4.0	0.4/17.4	*40271*
2000 QU_{140}	2001 11 17.6	03 32.02	+38 28.8	18.9	−1.03	− 1.0	4.8/21.3	7542
2000 HZ_{50}	2001 11 17.6	03 32.06	+19 31.5	19.2	−1.15	− 4.7	0.2/17.7	10958
2000 GN_{145}	2001 11 17.6	03 32.30	+06 45.2	18.7	−1.02	− 3.5	5.1/15.4	17305
2000 JF_{41}	2001 11 17.7	03 32.23	+15 57.6	16.6	−1.05	− 1.0	1.5/17.2	18271
1991 CH_{2}	2001 11 17.7	03 32.37	+56 39.2	20.4	−1.50	− 3.2	9.5/26.8	5392
2000 NX_{10}	2001 11 17.7	03 32.41	+37 48.0	18.9	−1.06	− 3.9	5.6/22.0	6275
1998 GP_{2}	2001 11 17.7	03 32.41	+28 30.9	17.2	−1.01	+ 0.9	2.8/19.2	16806
1996 TN_{37}	2001 11 17.7	03 32.41	+18 17.5	19.9	−0.90	− 3.5	0.3/17.6	14748
2000 GZ_{168}	2001 11 17.7	03 32.41	+22 45.1	17.0	−1.85	+11.3	1.9/17.8	17312
2000 HE_{51}	2001 11 17.7	03 32.43	+16 59.6	19.1	−1.07	− 5.1	0.8/17.3	2775
1992 AU_{1}	2001 11 17.7	03 32.51	−09 49.7	16.8	−1.39	+ 7.0	13.2/14.6	18133
2000 MP_{3}	2001 11 17.7	03 32.60	+12 42.6	19.1	−1.00	− 2.2	2.2/16.7	17430
2000 GL_{134}	2001 11 17.7	03 32.71	+09 45.8	18.1	−1.15	− 0.7	3.8/16.4	1615
2000 OT_{27}	2001 11 17.8	03 32.65	+42 48.0	18.5	−1.05	− 2.5	6.7/23.0	18283
2001 RV_{81}	2001 11 17.8	03 32.71	+11 33.3	17.6	−0.88	− 9.1	3.0/15.9	18048
1999 FY_{17}	2001 11 17.8	03 32.73	+09 40.4	18.8	−0.88	− 5.2	3.3/15.8	16963
2000 PH_{19}	2001 11 17.8	03 32.77	−00 26.0	18.7	−0.91	− 1.1	6.1/14.4	18285
1998 XH_{89}	2001 11 17.8	03 32.78	+07 23.2	17.6	−1.09	− 2.1	4.5/15.8	18187
1999 JE_{77}	2001 11 17.8	03 32.79	+04 02.8	18.5	−0.81	− 3.3	4.6/14.8	18208
2000 EP_{44}	2001 11 17.9	03 33.14	+15 30.9	18.9	−1.14	− 5.6	1.5/17.2	11778
1999 RT_{186}	2001 11 17.9	03 33.15	+17 11.2	18.9	−0.53	− 2.0	0.3/17.5	7503
1999 CB_{73}	2001 11 17.9	03 33.18	+17 43.2	17.2	−0.97	− 8.4	0.7/17.6	16934
2000 NM_{14}	2001 11 17.9	03 33.22	+03 49.9	18.0	−0.83	− 2.2	5.0/15.0	17433
1996 VZ_{17}	2001 11 17.9	03 33.31	+17 12.7	21.4	−0.86	− 3.1	0.5/17.6	8017
2000 QO_{152}	2001 11 17.9	03 33.36	+16 15.3	17.8	−0.85	− 4.1	0.9/17.4	18287
1993 GN_{1}	2001 11 17.9	03 33.56	+21 57.0	17.8	−1.14	− 5.6	1.1/18.6	16002
2000 GP_{46}	2001 11 18.0	03 33.47	+26 48.9	18.0	−1.25	− 2.1	3.1/19.3	18251
1999 JW_{121}	2001 11 18.0	03 33.67	+15 27.3	19.9	−0.83	− 2.9	1.0/17.3	4941
1991 TR_{6}	2001 11 18.0	03 33.71	+22 44.6	19.0	−1.17	− 4.4	1.4/18.7	2615
2000 GE_{95}	2001 11 18.1	03 33.94	+21 11.8	17.9	−1.14	− 5.9	0.8/18.5	2768
1994 WW_{7}	2001 11 18.1	03 33.96	+09 18.4	18.3	−1.03	− 4.4	3.8/16.2	18138
2000 OY_{17}	2001 11 18.1	03 33.98	+32 41.1	17.4	−0.96	− 3.5	4.4/21.0	18283
2000 LX_{24}	2001 11 18.1	03 34.01	+03 44.6	18.1	−0.86	− 6.2	5.0/14.7	18281
2000 HB_{5}	2001 11 18.1	03 34.02	+34 40.6	16.7	−2.09	+18.3	9.0/17.6	18260
2001 QL_{199}	2001 11 18.1	03 34.04	+18 20.3	18.2	−0.86	− 5.9	0.3/17.9	17943
1999 JL_{77}	2001 11 18.1	03 34.07	+08 11.2	17.2	−0.81	− 4.4	3.4/15.8	18208
2000 KL_{73}	2001 11 18.1	03 34.14	+28 11.6	18.8	−0.97	− 6.1	2.8/20.2	4953
3089 T-2	2001 11 18.1	03 34.14	+16 10.1	18.9	−0.84	− 2.5	0.9/17.6	13875
1999 CR_{60}	2001 11 18.1	03 34.21	+22 09.1	18.2	−1.08	− 4.2	1.1/18.7	16033
1999 BV	2001 11 18.1	03 34.23	+27 48.3	16.3	−1.21	− 0.2	4.4/19.5	18191
1994 PM_{38}	2001 11 18.1	03 34.24	+18 06.2	18.5	−1.14	− 4.9	0.4/18.0	1415
2000 KQ_{80}	2001 11 18.1	03 34.28	+14 29.3	19.1	−1.07	− 2.5	1.6/17.4	2553
1998 DX_{29}	2001 11 18.1	03 34.29	+16 50.7	19.6	−0.80	− 2.5	0.6/17.7	5448
1999 JH_{49}	2001 11 18.1	03 34.36	+18 23.5	18.7	−0.86	− 1.5	0.2/18.0	16039
2000 LB_{26}	2001 11 18.2	03 34.28	−23 07.1	15.9	−0.92	+ 7.5	22.9/12.2	17428
1981 EC_{28}	2001 11 18.2	03 34.38	+24 02.9	19.2	−1.12	− 2.6	1.7/19.1	3861
1996 TD_{33}	2001 11 18.2	03 34.38	+16 19.9	17.3	−0.89	− 6.8	1.2/17.6	18146
1999 JT_{98}	2001 11 18.2	03 34.42	+09 15.0	19.4	−0.77	− 4.5	2.7/16.1	4493
1999 JX_{85}	2001 11 18.2	03 34.43	+14 36.1	18.9	−0.87	− 0.5	1.3/17.5	16995
2000 KV_{30}	2001 11 18.2	03 34.44	+22 45.4	17.4	−1.08	− 5.6	1.4/19.0	3937
2000 OE_{10}	2001 11 18.2	03 34.54	+26 52.0	19.0	−0.97	− 4.8	2.3/19.9	3670
2190 T-2	2001 11 18.2	03 34.60	+08 48.6	17.6	−0.91	− 7.1	5.5/16.0	18115
2000 LY_{8}	2001 11 18.2	03 34.65	+17 00.1	18.8	−1.07	− 4.5	0.9/17.8	18280
2001 QU_{77}	2001 11 18.2	03 34.69	+22 39.7	16.6	−1.05	0.0	1.3/18.8	17839
1981 EZ_{13}	2001 11 18.2	03 34.73	+38 10.6	19.4	−1.17	− 2.1	6.6/21.7	3861

1994 RY$_2$	2001 11 18.3	03 34.79	+25 35.8	20.4	−0.84	− 2.9	1.7/19.6	4324
1999 JS$_{117}$	2001 11 18.3	03 34.86	+10 32.7	19.1	−0.96	− 3.6	3.1/16.6	5574
1981 EB$_{12}$	2001 11 18.3	03 34.91	+22 38.3	18.8	−0.82	− 3.9	0.9/19.0	6179
2000 GW$_{87}$	2001 11 18.3	03 34.96	+10 09.4	18.0	−1.14	− 1.6	3.7/16.9	18254
1990 QZ$_3$	2001 11 18.3	03 34.99	+08 28.0	17.1	−1.02	− 3.6	4.7/16.4	16700
2001 RQ$_{44}$	2001 11 18.3	03 35.16	+15 08.6	18.2	−0.84	− 2.2	1.4/17.6	18027
1995 UE$_2$	2001 11 18.3	03 35.18	+16 17.1	18.2	−0.85	− 3.4	0.9/17.8	4891
1997 YL$_{18}$	2001 11 18.4	03 35.24	+17 46.5	18.0	−0.98	− 3.7	0.6/18.1	18157
1981 EC$_{24}$	2001 11 18.4	03 35.25	+17 12.2	20.5	−0.66	− 2.5	0.5/18.0	*31224*
2000 JV$_{16}$	2001 11 18.4	03 35.25	+23 23.1	19.0	−1.17	− 4.0	1.6/19.2	5758
2000 QN$_{165}$	2001 11 18.4	03 35.31	+56 34.4	19.3	−1.34	− 1.5	9.7/27.5	5020
2000 OF$_{40}$	2001 11 18.4	03 35.33	+29 24.6	18.2	−0.88	− 5.5	3.2/20.7	4969
2000 QY$_{184}$	2001 11 18.4	03 35.35	+41 44.1	18.4	−1.06	− 1.7	7.1/23.0	5025
1994 PV$_{17}$	2001 11 18.4	03 35.39	+12 20.5	17.9	−1.10	− 4.1	2.8/17.2	*35691*
2000 GU$_{18}$	2001 11 18.4	03 35.44	+06 28.6	17.3	−1.02	− 4.2	5.5/16.0	18250
1999 CV$_{155}$	2001 11 18.4	03 35.46	+22 25.2	19.4	−1.12	− 4.4	1.2/19.1	4431
1999 BE$_{10}$	2001 11 18.4	03 35.47	+13 46.5	18.0	−1.08	− 3.2	2.3/17.5	18192
2000 OQ$_7$	2001 11 18.4	03 35.48	+17 48.3	17.7	−0.94	− 4.1	0.6/18.2	18283
1997 SJ$_1$	2001 11 18.5	03 35.69	+23 22.3	18.3	−1.10	− 3.4	1.8/19.3	18150
1992 OC	2001 11 18.5	03 35.71	+40 07.3	19.7	−1.32	− 1.2	6.9/22.5	*30782*
2000 OX$_{26}$	2001 11 18.5	03 35.77	+06 10.1	18.4	−0.86	− 3.2	4.3/16.0	18283
1998 XL$_3$	2001 11 18.5	03 35.80	+25 39.8	17.7	−1.18	− 5.3	2.8/19.8	18183
2000 JR$_{55}$	2001 11 18.5	03 35.82	+14 00.0	18.1	−1.12	− 0.6	2.2/17.8	17384
1999 JQ$_{86}$	2001 11 18.5	03 35.83	+14 59.6	17.7	−0.90	− 2.7	1.4/17.8	18208
3109 P-L	2001 11 18.5	03 35.87	+32 34.0	18.2	−0.96	− 4.9	4.3/21.5	13872
1999 RW$_{70}$	2001 11 18.6	03 35.98	+24 58.0	19.3	−0.57	− 1.9	1.0/19.8	6244
1999 JK$_{19}$	2001 11 18.6	03 36.03	+17 20.9	17.8	−0.95	− 6.5	0.7/18.2	18206
2000 OO$_4$	2001 11 18.6	03 36.05	+02 26.5	18.3	−0.86	− 4.7	5.3/15.0	18283
2000 GT$_{87}$	2001 11 18.6	03 36.08	+10 30.8	17.9	−1.13	− 1.9	3.5/17.2	17281
1999 CM$_{105}$	2001 11 18.6	03 36.12	+24 59.8	19.4	−1.11	− 5.3	2.1/19.8	6826
2001 QS$_{154}$	2001 11 18.6	03 36.15	+10 41.9	18.3	−0.98	− 5.3	3.6/16.9	17913
2000 HJ$_{71}$	2001 11 18.6	03 36.21	+17 03.8	17.6	−1.18	+ 0.2	1.0/18.3	17344
1999 GR$_2$	2001 11 18.6	03 36.26	+18 53.6	17.4	−1.09	− 1.7	0.2/18.6	16974
1999 GB$_{32}$	2001 11 18.6	03 36.27	+16 17.5	18.4	−0.88	− 1.8	0.9/18.1	16037
2000 QT$_{184}$	2001 11 18.6	03 36.36	+36 28.6	18.7	−1.02	− 1.6	5.0/22.0	5025
1996 XS$_{15}$	2001 11 18.6	03 36.41	−15 56.6	19.0	−1.50	+11.3	17.5/18.0	14749
2000 OK$_{17}$	2001 11 18.7	03 36.42	+01 49.8	18.6	−0.82	− 1.7	5.4/15.6	3952
1994 PB$_8$	2001 11 18.7	03 36.47	+26 42.0	18.3	−1.23	− 3.6	3.0/20.0	*33487*
2000 LS$_{17}$	2001 11 18.7	03 36.52	+27 46.2	19.1	−0.99	− 5.8	2.5/20.6	4954
2000 PC$_6$	2001 11 18.7	03 36.56	+09 10.9	19.2	−0.87	− 0.7	3.1/17.1	10963
1994 RE	2001 11 18.7	03 36.58	−03 04.3	20.2	−0.74	− 3.2	6.0/14.1	9677
1998 DZ$_8$	2001 11 18.7	03 36.62	+11 05.2	19.7	−0.80	− 2.6	2.3/17.2	16015
1999 CL$_1$	2001 11 18.7	03 36.66	+27 34.3	18.4	−1.21	− 1.3	3.6/20.0	*35082*
1166 T-1	2001 11 18.7	03 36.67	+33 07.3	19.1	−1.00	− 1.1	4.3/21.2	13874
1999 BU$_{13}$	2001 11 18.7	03 36.68	+07 35.0	18.3	−1.02	− 3.0	5.1/16.6	16913
2000 QE$_{133}$	2001 11 18.8	03 36.78	+18 38.6	19.3	−0.88	− 2.4	0.2/18.7	3821
1999 KV$_9$	2001 11 18.8	03 36.79	+19 28.4	18.0	−0.83	− 5.1	0.0/18.8	16040
1999 LY$_{26}$	2001 11 18.8	03 37.04	−06 49.7	18.0	−0.83	+ 1.1	6.9/14.7	18210
1999 CO$_{98}$	2001 11 18.8	03 37.10	+26 43.3	18.9	−1.12	− 2.9	2.6/20.2	4926
1997 WV$_{45}$	2001 11 18.8	03 37.16	+15 25.7	17.2	−1.00	− 0.8	1.8/18.2	16778
1999 EZ$_2$	2001 11 18.8	03 37.18	+32 41.8	19.6	−1.07	− 2.1	3.9/21.3	13590
2000 DK$_{17}$	2001 11 18.8	03 37.20	+14 24.6	18.5	−1.21	− 3.9	2.1/18.0	2380
2000 QN$_{84}$	2001 11 18.8	03 37.21	+03 21.0	19.8	−0.79	− 3.7	4.7/15.6	5000
1998 FK$_{28}$	2001 11 18.9	03 37.24	+18 54.0	18.5	−0.83	− 3.1	0.1/18.8	4906
2001 RM$_{77}$	2001 11 18.9	03 37.24	+18 16.1	18.0	−1.23	+ 2.7	0.5/18.8	18045
2000 QZ$_{151}$	2001 11 18.9	03 37.33	+38 56.8	19.9	−0.94	− 1.7	4.8/22.8	13707
2000 NB$_{29}$	2001 11 18.9	03 37.39	+28 35.0	18.9	−0.99	− 3.8	3.0/20.8	7041
1999 JK$_{27}$	2001 11 18.9	03 37.46	+16 06.4	18.4	−0.89	− 2.2	1.1/18.4	9725
2000 OW$_{58}$	2001 11 18.9	03 37.50	+14 17.0	19.5	−0.91	− 3.0	1.6/18.0	3715
2000 EB$_{20}$	2001 11 18.9	03 37.52	−10 35.8	19.5	−1.00	− 5.4	10.0/12.7	1572
1993 FH$_{23}$	2001 11 18.9	03 37.55	+16 02.0	17.8	−1.08	− 5.8	1.4/18.3	16001
2000 QJ$_{16}$	2001 11 18.9	03 37.61	+14 57.7	18.1	−0.88	− 2.7	1.5/18.2	18286
1999 KQ$_7$	2001 11 18.9	03 37.63	+26 28.1	18.6	−1.07	0.0	2.2/20.1	18209
1999 FJ$_{24}$	2001 11 18.9	03 37.71	+37 27.2	19.2	−1.11	− 2.0	5.2/22.3	13591
1999 JF$_{90}$	2001 11 19.0	03 37.64	+00 51.7	20.2	−0.89	− 4.8	5.9/15.0	*35379*
2000 GO$_{140}$	2001 11 19.0	03 37.71	+07 45.0	19.0	−1.01	− 5.2	4.2/16.7	1287
2000 KH$_{46}$	2001 11 19.0	03 37.76	+10 47.2	18.5	−1.07	− 4.1	3.3/17.4	2788
2000 OD$_{35}$	2001 11 19.0	03 37.84	+09 51.3	18.0	−0.82	− 5.2	3.2/17.0	18284
2000 NN$_{12}$	2001 11 19.0	03 37.87	+25 19.9	18.3	−0.86	− 6.9	1.8/20.4	13668
2000 QG$_{133}$	2001 11 19.0	03 37.94	+23 54.1	19.1	−0.92	− 1.8	1.4/19.9	3999
2000 JR$_{75}$	2001 11 19.0	03 38.07	+11 48.4	18.7	−1.09	− 1.6	3.0/17.9	18274
1999 JB$_{100}$	2001 11 19.0	03 38.07	+07 49.0	18.9	−0.86	− 3.5	3.5/16.8	4941
1999 CU$_{26}$	2001 11 19.1	03 38.04	+17 54.9	18.1	−1.06	− 2.5	0.5/18.8	4428
1999 JN$_{21}$	2001 11 19.1	03 38.08	+18 13.9	17.8	−0.84	− 5.0	0.4/18.9	18206
2000 LL$_{28}$	2001 11 19.1	03 38.08	+39 44.7	17.7	−1.13	− 4.0	6.5/23.4	13667
1997 PS$_3$	2001 11 19.1	03 38.11	+22 39.2	18.8	−1.14	− 2.8	1.3/19.7	*35304*
2000 OW$_{33}$	2001 11 19.1	03 38.17	+06 24.4	18.0	−0.81	− 4.4	4.3/16.4	17438
1999 JX$_{119}$	2001 11 19.1	03 38.17	+12 04.4	19.1	−0.78	− 4.5	2.1/17.6	15048
2000 GT$_7$	2001 11 19.1	03 38.20	+02 46.7	18.9	−1.03	− 3.0	5.9/16.3	1592
2000 KO$_{53}$	2001 11 19.1	03 38.34	+25 45.1	16.4	−1.01	− 8.8	2.5/20.7	17410
2000 LA$_{11}$	2001 11 19.1	03 38.35	+05 25.6	20.4	−0.92	− 4.0	4.5/16.5	3939
1999 JV$_{70}$	2001 11 19.1	03 38.37	+06 57.1	18.0	−0.81	− 5.3	3.9/16.5	18208
1999 BP$_{10}$	2001 11 19.1	03 38.42	+15 17.5	19.5	−1.09	− 3.8	1.7/18.4	*34317*
1990 SN$_5$	2001 11 19.1	03 38.47	+18 51.2	18.5	−1.16	− 2.7	0.3/19.1	1407
2000 GW$_{82}$	2001 11 19.1	03 38.49	+18 25.0	18.4	−1.06	− 3.0	0.4/19.0	16066
2000 GG$_{96}$	2001 11 19.1	03 38.54	+24 34.6	19.1	−1.15	− 3.8	1.8/20.1	2768
1999 FA$_{32}$	2001 11 19.2	03 38.45	+12 21.3	17.9	−0.80	− 3.6	2.0/17.8	18202
1999 FO$_{30}$	2001 11 19.2	03 38.52	+15 39.9	19.1	−0.95	− 3.9	1.3/18.5	3320
2000 KQ$_{31}$	2001 11 19.2	03 38.62	+18 56.4	18.4	−1.08	− 4.5	0.2/19.1	2542
1997 SV$_{10}$	2001 11 19.2	03 38.65	+13 40.1	17.9	−1.08	− 4.8	2.3/18.1	18151
1995 SR$_{51}$	2001 11 19.2	03 38.66	+19 59.6	20.3	−0.85	− 2.9	0.2/19.3	16730
1997 SF$_{10}$	2001 11 19.2	03 38.70	+18 33.2	16.7	−1.02	− 0.6	0.4/19.1	16762
2000 GO$_{89}$	2001 11 19.2	03 38.79	+05 29.9	17.8	−1.02	− 2.7	5.3/16.9	17283
1998 DM$_{34}$	2001 11 19.2	03 38.80	+29 22.6	17.7	−0.93	− 1.3	2.9/21.0	4904
2001 QJ$_{77}$	2001 11 19.2	03 38.81	+15 45.4	17.0	−0.93	− 4.3	1.5/18.5	17839
1999 CV$_{115}$	2001 11 19.2	03 38.89	+32 55.8	20.1	−1.05	− 3.8	3.8/22.0	6827
1994 WX$_4$	2001 11 19.2	03 38.91	+11 05.9	17.9	−1.10	− 0.9	3.3/18.0	18138
1996 NH$_3$	2001 11 19.3	03 38.89	+20 53.0	18.4	−0.97	− 3.4	0.6/19.6	16738
1999 JL$_{30}$	2001 11 19.3	03 38.90	+30 43.6	19.2	−1.17	+ 0.4	3.8/20.9	16988
2000 QO$_{90}$	2001 11 19.3	03 38.95	+22 55.3	16.7	−0.75	− 3.8	1.1/20.0	18287
1998 YJ$_5$	2001 11 19.3	03 39.00	+21 20.0	16.9	−1.14	+ 1.7	0.7/19.6	18187
2000 PD$_4$	2001 11 19.3	03 39.01	−04 10.2	17.5	−0.89	− 2.0	8.6/14.9	18285

2000 JR_{45}	2001 11 19.3	03 39.23	+18 49.1	18.1	−1.11	− 3.8	0.3/19.2	1351
2000 OZ_{29}	2001 11 19.3	03 39.30	+19 54.3	17.9	−0.85	− 6.0	0.1/19.5	17438
1995 UV_{40}	2001 11 19.3	03 39.30	+11 21.9	20.1	−0.80	− 5.2	2.8/17.6	15020
2000 LL_{11}	2001 11 19.4	03 39.29	−05 23.0	18.2	−0.94	− 0.3	8.3/15.6	17423
2000 GN_{70}	2001 11 19.4	03 39.31	+13 29.5	19.1	−1.06	− 6.4	2.3/18.2	1601
2000 HT_{29}	2001 11 19.4	03 39.36	+22 52.2	17.7	−1.16	− 4.5	1.4/20.0	16072
2001 QJ_{90}	2001 11 19.4	03 39.46	+09 30.5	17.3	−1.11	+ 1.2	4.8/18.1	17851
1996 KK_{8}	2001 11 19.4	03 39.47	+17 11.7	19.4	−1.05	− 5.7	0.8/19.0	6736
2000 GV_{7}	2001 11 19.4	03 39.55	+10 55.8	17.8	−1.07	+ 0.1	3.3/18.3	17252
1995 BZ_{12}	2001 11 19.4	03 39.61	+00 50.1	18.1	−0.99	− 0.6	7.8/16.6	18139
1999 EG_{2}	2001 11 19.4	03 39.64	+20 19.0	19.2	−1.00	− 3.3	0.3/19.6	14783
2000 SO_{47}	2001 11 19.4	03 39.71	−06 51.0	20.5	−0.74	− 4.5	6.6/13.8	6350
1993 FF_{34}	2001 11 19.4	03 39.71	+21 30.1	16.5	−1.17	+ 0.8	1.0/19.7	18134
2000 JT_{77}	2001 11 19.4	03 39.72	+28 59.3	17.7	−1.29	− 2.4	4.0/21.1	18274
1996 VN_{17}	2001 11 19.4	03 39.77	+17 45.8	19.3	−0.90	− 3.4	0.6/19.2	6745
2000 GH_{4}	2001 11 19.4	03 39.80	−17 25.7	18.8	−1.09	− 7.7	16.7/09.2	750
1999 FP_{47}	2001 11 19.5	03 39.73	+12 41.6	17.5	−0.99	− 5.3	2.6/18.1	16037
1999 GQ_{5}	2001 11 19.5	03 39.74	+21 40.8	17.5	−1.00	− 2.2	0.8/19.9	16037
1999 GJ_{32}	2001 11 19.5	03 40.01	+09 09.7	20.5	−0.89	− 5.2	3.2/17.4	6832
1997 WD_{52}	2001 11 19.5	03 40.12	+14 58.8	17.6	−1.30	+ 6.7	1.8/19.3	*37675*
1999 CF_{73}	2001 11 19.5	03 40.16	+14 34.8	18.2	−1.00	− 5.5	1.9/18.6	18197
1990 VE_{12}	2001 11 19.5	03 40.19	+10 58.1	18.6	−0.99	− 5.5	3.5/17.9	*34180*
1999 CF_{152}	2001 11 19.5	03 40.20	+28 06.9	19.4	−1.09	− 3.5	3.0/21.2	16953
2001 RB_{77}	2001 11 19.6	03 40.13	+03 01.7	17.8	−0.77	− 7.3	6.0/15.6	18045
1999 JZ_{18}	2001 11 19.6	03 40.23	+20 30.3	18.2	−0.86	− 5.5	0.3/19.8	13595
2000 HU_{49}	2001 11 19.6	03 40.43	+20 03.5	19.0	−1.11	− 2.9	0.2/19.7	2513
1991 PP_{1}	2001 11 19.6	03 40.44	+20 55.9	19.3	−0.97	− 3.2	0.4/19.9	3111
2000 QS_{124}	2001 11 19.6	03 40.51	−07 04.3	18.4	−0.78	− 2.6	8.1/14.1	18287
2000 QP_{155}	2001 11 19.7	03 40.53	+24 32.6	18.3	−0.86	− 4.8	1.5/20.7	5019
6072 P-L	2001 11 19.7	03 40.55	+21 22.9	17.4	−0.97	− 3.4	0.7/20.0	18512
1999 GX_{41}	2001 11 19.7	03 40.64	+02 41.2	20.2	−0.84	− 3.8	5.0/16.4	11526
1981 ED_{5}	2001 11 19.7	03 40.85	+24 43.5	19.6	−1.07	− 5.7	1.8/20.8	*26915*
2000 HV_{37}	2001 11 19.7	03 40.89	+03 23.1	19.4	−1.04	− 1.8	5.9/17.2	1629
2000 OT_{4}	2001 11 19.7	03 40.94	+35 44.4	18.6	−1.09	− 4.6	5.0/23.1	13670
2000 OH_{27}	2001 11 19.7	03 40.98	+31 11.9	17.8	−0.94	− 3.7	3.6/22.1	4966
2000 QD_{12}	2001 11 19.7	03 40.98	+21 32.7	17.4	−0.92	− 3.0	0.7/20.1	18286
2000 OD_{10}	2001 11 19.7	03 41.02	+04 01.2	19.3	−0.95	− 1.8	5.4/17.2	3670
2147 P-L	2001 11 19.8	03 40.94	+35 43.4	16.8	−1.09	+ 0.4	7.5/22.4	18098
1999 FW_{8}	2001 11 19.8	03 41.02	+14 26.3	17.9	−1.05	− 2.9	2.0/18.9	18201
2000 JZ_{69}	2001 11 19.8	03 41.20	−02 49.6	20.0	−0.93	− 1.6	7.5/16.2	3936
1999 JB_{40}	2001 11 19.8	03 41.22	+19 04.0	19.1	−0.83	− 2.2	0.2/19.8	13596
1996 HS_{22}	2001 11 19.8	03 41.46	+19 03.2	18.1	−1.12	− 2.9	0.2/19.8	9683
2000 GW_{24}	2001 11 19.9	03 41.38	+27 25.3	19.6	−1.24	− 2.7	3.0/21.2	10956
1999 EO_{12}	2001 11 19.9	03 41.75	+07 36.0	19.1	−0.86	− 2.3	3.6/17.9	3307
1999 JJ_{57}	2001 11 19.9	03 41.83	+14 55.3	19.2	−0.82	− 2.9	1.3/19.1	13598
1999 FS_{5}	2001 11 19.9	03 41.83	+20 18.6	18.0	−0.97	− 4.0	0.2/20.1	18201
2000 QK_{220}	2001 11 20.0	03 41.79	+03 39.9	19.3	−0.80	− 2.5	4.9/17.0	4703
2000 KS_{24}	2001 11 20.0	03 41.90	+18 29.2	18.9	−1.04	− 4.1	0.4/19.8	2540
2000 OA_{37}	2001 11 20.0	03 41.92	+22 37.1	18.2	−0.87	− 6.0	1.0/20.7	6279
2000 OO_{15}	2001 11 20.0	03 41.93	+39 24.7	17.7	−1.02	− 4.8	6.9/24.5	6277
2000 GY_{161}	2001 11 20.0	03 42.02	+12 03.6	18.5	−1.10	− 1.2	2.8/18.9	1620
1999 GH_{19}	2001 11 20.0	03 42.05	+05 34.0	18.7	−0.79	− 3.6	3.9/17.3	18204
2000 QP_{185}	2001 11 20.0	03 42.06	+25 47.6	18.5	−1.01	− 1.2	2.0/21.1	18288
2000 QH_{10}	2001 11 20.0	03 42.08	+12 36.5	19.0	−0.99	− 2.6	2.6/18.8	13199
2000 OF_{7}	2001 11 20.0	03 42.08	+33 10.4	19.6	−0.96	− 2.9	3.6/22.7	13670
2000 QO_{62}	2001 11 20.0	03 42.11	+34 12.7	17.7	−1.15	− 0.3	4.6/22.3	18286
2000 NN_{6}	2001 11 20.0	03 42.22	+24 04.2	18.5	−1.04	− 5.1	1.7/21.0	18282
1997 SN_{31}	2001 11 20.0	03 42.26	+27 39.0	17.5	−1.20	− 2.4	3.1/21.4	18151
2000 GU_{140}	2001 11 20.1	03 42.21	+04 48.7	18.9	−1.06	− 2.9	5.9/17.6	10957
2000 OB_{53}	2001 11 20.1	03 42.24	+33 23.6	18.6	−0.96	− 5.9	4.5/23.2	4973
1999 CB_{79}	2001 11 20.1	03 42.29	+31 39.8	19.3	−1.19	− 3.3	5.1/22.3	18197
1998 BV_{18}	2001 11 20.1	03 42.36	+18 24.2	20.1	−0.86	− 2.2	0.3/19.9	5440
2000 GF_{44}	2001 11 20.1	03 42.48	+24 34.8	18.4	−1.24	− 1.1	2.2/20.9	18251
1997 TN_{5}	2001 11 20.1	03 42.65	+17 39.7	17.9	−1.02	− 1.6	1.0/19.9	16765
2000 GP_{182}	2001 11 20.1	03 42.67	+07 16.4	18.0	−1.08	− 0.4	5.7/18.4	18260
2000 OT_{40}	2001 11 20.2	03 42.75	+18 36.3	17.4	−0.84	− 5.2	0.4/20.0	18284
2000 KE_{30}	2001 11 20.2	03 42.92	+17 54.1	18.4	−1.08	− 4.0	0.7/19.9	3937
2000 RW_{55}	2001 11 20.2	03 43.00	+38 08.2	18.8	−1.00	− 1.9	5.5/23.8	13729
1996 JG_{3}	2001 11 20.2	03 43.00	+14 44.4	19.3	−1.05	− 2.8	1.9/19.4	*35929*
1997 WP_{3}	2001 11 20.2	03 43.05	+25 28.9	16.7	−1.14	+ 0.4	2.3/21.1	18154
2000 OE_{20}	2001 11 20.3	03 43.20	+06 46.3	19.2	−0.87	− 3.6	4.1/17.9	5801
2000 SH_{31}	2001 11 20.3	03 43.35	+07 34.0	19.5	−0.72	− 3.3	3.2/17.9	6346
2000 LZ_{19}	2001 11 20.3	03 43.49	+17 48.9	19.3	−1.04	− 5.3	0.7/20.0	2562
1994 WW_{5}	2001 11 20.3	03 43.52	+18 05.1	19.5	−1.17	− 4.5	0.7/20.1	6722
2000 GP_{57}	2001 11 20.4	03 43.47	+22 14.7	19.4	−1.18	− 3.2	0.9/20.8	1599
1997 VD_{2}	2001 11 20.4	03 43.47	+25 17.4	16.8	−1.04	− 3.0	2.5/21.4	*31281*
1999 AY_{5}	2001 11 20.4	03 43.56	+14 25.9	16.2	−1.13	+ 1.6	2.6/19.8	18189
2000 QK_{85}	2001 11 20.4	03 43.58	+34 16.4	18.4	−0.96	− 3.3	4.4/23.3	5000
2001 RZ	2001 11 20.4	03 43.60	+01 25.6	16.5	−1.04	+ 2.3	7.1/18.2	18007
2000 PO_{27}	2001 11 20.4	03 43.62	+38 14.6	20.5	−1.12	− 2.9	5.8/24.0	4978
1981 EP_{8}	2001 11 20.4	03 43.65	+35 44.9	21.3	−1.07	− 2.6	4.7/23.4	*26916*
1981 EE_{6}	2001 11 20.4	03 43.69	+23 47.4	20.2	−0.95	− 4.6	1.3/21.2	*26915*
1999 CY_{84}	2001 11 20.4	03 43.79	+18 19.7	17.0	−1.16	− 0.5	0.7/20.3	16938
1999 CL_{101}	2001 11 20.4	03 43.81	+27 55.7	17.3	−1.14	− 1.3	3.1/21.8	18198
1979 MV_{4}	2001 11 20.4	03 43.83	+21 42.6	19.0	−1.10	− 4.6	0.7/20.8	3097
1998 DB_{2}	2001 11 20.4	03 43.92	+30 26.0	17.0	−1.07	− 0.7	4.3/22.0	18158
1999 JS_{99}	2001 11 20.5	03 43.89	−01 35.2	20.0	−0.74	− 2.5	5.4/16.4	13601
2000 QE_{44}	2001 11 20.5	03 44.10	+35 11.9	18.7	−1.00	− 2.7	4.7/23.5	18286
2000 HK_{51}	2001 11 20.5	03 44.15	+16 05.7	18.5	−1.06	− 3.4	1.4/19.9	2775
1994 WV	2001 11 20.5	03 44.19	+22 29.3	16.7	−1.09	− 2.9	1.4/21.0	18138
2000 GF_{108}	2001 11 20.5	03 44.31	+05 09.6	18.2	−0.94	− 5.9	4.9/17.7	17292
2157 T-2	2001 11 20.5	03 44.38	+39 51.0	17.8	−1.14	+ 0.8	6.7/23.8	18513
2000 LL_{13}	2001 11 20.6	03 44.30	+13 54.0	17.5	−1.04	− 5.5	2.2/19.5	17424
1999 JO_{81}	2001 11 20.6	03 44.35	+19 28.8	18.6	−1.10	+ 1.1	0.1/20.6	18208
2000 PS_{15}	2001 11 20.6	03 44.39	+15 51.1	18.1	−0.79	− 5.7	1.1/19.8	13677
2000 GZ_{46}	2001 11 20.6	03 44.40	+14 36.2	16.7	−1.08	− 6.1	2.4/19.6	18251
2000 JT_{22}	2001 11 20.6	03 44.48	+21 48.7	19.6	−1.14	− 3.0	0.7/21.0	18269
1999 CE_{150}	2001 11 20.6	03 44.52	+05 26.6	18.6	−0.90	− 3.7	4.9/18.0	18199
2000 QK_{169}	2001 11 20.6	03 44.53	+27 21.3	18.2	−0.87	− 3.3	2.2/22.1	16088
1998 AK_{3}	2001 11 20.6	03 44.57	+12 42.5	17.5	−0.91	− 2.3	2.4/19.4	18157
2000 LY_{2}	2001 11 20.6	03 44.64	+31 38.9	17.1	−1.10	−13.0	3.8/23.9	16084
1999 JL_{105}	2001 11 20.6	03 44.72	+18 55.4	17.5	−0.91	− 6.7	0.3/20.5	18209

1990 HQ$_{5}$	2001 11 20.6	03 44.76	+13 55.9	16.0	−1.12	+ 1.1	2.9/19.9	18131
1995 UH$_{41}$	2001 11 20.7	03 44.71	+12 59.8	19.5	−0.81	− 4.6	2.1/19.3	16731
2000 NP$_{27}$	2001 11 20.7	03 44.72	+13 38.5	18.8	−0.94	− 2.3	2.0/19.7	5791
2000 OT$_{53}$	2001 11 20.7	03 44.75	+31 57.9	17.0	−0.89	− 4.8	3.2/23.3	16086
1995 GJ$_{8}$	2001 11 20.7	03 44.75	+16 11.3	19.5	−0.94	− 3.8	1.1/20.0	4326
2000 OZ$_{40}$	2001 11 20.7	03 44.86	+26 35.8	16.2	−0.88	− 5.6	2.5/22.0	17439
1998 AK$_{5}$	2001 11 20.7	03 44.93	+33 49.9	18.1	−0.98	− 3.0	4.3/23.4	18157
1998 FO$_{99}$	2001 11 20.7	03 44.94	+35 31.3	17.5	−1.00	− 2.3	5.0/23.6	18161
1999 GQ$_{53}$	2001 11 20.7	03 45.15	+22 51.5	17.8	−0.96	− 5.2	1.0/21.4	18205
2000 QK$_{249}$	2001 11 20.7	03 45.19	+14 02.9	19.0	−0.82	− 1.8	1.6/19.8	13718
2000 QF$_{195}$	2001 11 20.8	03 45.15	+22 36.6	18.6	−1.02	− 2.5	0.9/21.3	13712
2001 QD$_{2}$	2001 11 20.8	03 45.20	+13 05.0	16.7	−1.04	− 2.8	3.4/19.7	18364
2000 GA$_{70}$	2001 11 20.8	03 45.33	+24 54.9	18.7	−1.18	− 2.4	1.9/22.0	1601
1999 JP$_{82}$	2001 11 20.8	03 45.38	+08 26.3	18.3	−0.90	+ 0.2	3.7/19.2	16995
1997 YG$_{12}$	2001 11 20.8	03 45.40	+14 42.8	17.4	−0.96	− 1.4	2.3/20.0	18156
1981 ET$_{9}$	2001 11 20.8	03 45.47	+26 33.0	18.9	−1.11	− 4.5	2.9/22.0	*22270*
1995 DJ	2001 11 20.8	03 45.54	+37 18.3	15.2	−1.05	− 2.3	9.3/24.4	18139
2000 LD$_{17}$	2001 11 20.8	03 45.54	+20 13.0	18.2	−0.95	− 6.1	0.1/21.0	4953
1997 SV$_{23}$	2001 11 20.8	03 45.58	+23 14.2	17.8	−1.07	− 1.9	1.5/21.4	18151
2000 PL$_{23}$	2001 11 20.8	03 45.60	+36 07.2	19.9	−1.11	− 3.3	5.2/24.0	4977
1983 QV	2001 11 20.9	03 45.58	+10 33.8	18.2	−0.81	− 3.3	3.1/19.2	18130
2000 QJ$_{187}$	2001 11 20.9	03 45.59	+17 39.9	19.6	−0.96	− 1.6	0.7/20.6	17450
2000 OM$_{15}$	2001 11 20.9	03 45.62	+13 35.9	19.3	−0.91	− 2.3	2.0/19.9	3952
1999 CL$_{111}$	2001 11 20.9	03 45.63	+16 13.3	19.1	−1.07	− 3.8	1.4/20.3	5517
2000 OO$_{41}$	2001 11 20.9	03 45.63	−03 56.3	20.2	−0.86	− 3.4	6.7/16.4	5810
2001 QE$_{199}$	2001 11 20.9	03 45.78	+13 44.7	17.2	−0.98	− 3.1	2.9/19.9	17943
1999 GZ$_{17}$	2001 11 20.9	03 45.80	−02 01.4	18.9	−0.91	− 4.1	7.4/16.5	4930
2000 GQ$_{82}$	2001 11 20.9	03 46.05	+18 09.0	19.3	−1.15	− 3.8	0.7/20.7	1604
2000 LL$_{20}$	2001 11 21.0	03 46.03	+41 01.7	19.0	−1.30	−10.0	7.3/26.3	3940
2000 RR$_{64}$	2001 11 21.0	03 46.03	+18 05.6	19.4	−0.91	− 4.9	0.5/20.7	13729
1999 CU$_{10}$	2001 11 21.0	03 46.04	+57 43.4	16.9	−1.59	− 8.9	16.7/02.8	16922
1999 LU$_{6}$	2001 11 21.0	03 46.20	−15 19.9	19.4	−0.81	− 0.6	11.0/14.5	3917
2000 QS$_{1}$	2001 11 21.0	03 46.22	+33 09.3	19.8	−0.97	− 2.9	4.0/23.6	13679
2000 KP$_{41}$	2001 11 21.0	03 46.23	+06 53.0	17.7	−0.97	− 4.4	5.8/18.6	17407
2000 QC$_{60}$	2001 11 21.0	03 46.27	−02 51.4	16.9	−0.96	− 1.0	8.5/17.2	18286
1999 JO$_{98}$	2001 11 21.0	03 46.41	+00 02.3	18.5	−0.78	− 4.4	5.9/17.0	18208
1999 BD$_{26}$	2001 11 21.1	03 46.43	+11 02.8	17.7	−1.06	− 2.4	3.6/19.7	18192
2000 GM$_{108}$	2001 11 21.1	03 46.46	+10 13.6	18.1	−1.09	− 3.4	3.7/19.5	17292
2000 QB$_{192}$	2001 11 21.1	03 46.47	+38 45.6	18.3	−1.07	− 0.2	5.4/24.3	18288
1999 JS$_{22}$	2001 11 21.1	03 46.59	+20 09.2	18.6	−0.93	− 4.1	0.1/21.2	13595
1999 CL$_{19}$	2001 11 21.1	03 46.65	+08 53.0	19.0	−1.06	− 1.4	4.3/19.5	18194
1286 T-2	2001 11 21.1	03 46.66	+11 57.8	17.6	−1.01	− 4.9	3.7/19.6	18513
1981 EO$_{39}$	2001 11 21.1	03 46.80	+16 20.5	18.3	−0.95	− 3.2	1.4/20.6	18129
1995 VW$_{10}$	2001 11 21.1	03 46.81	+17 43.3	19.8	−0.87	− 1.0	0.7/20.8	16733
1990 RL$_{7}$	2001 11 21.1	03 46.83	+24 30.7	19.2	−1.15	− 3.0	1.7/22.0	16700
2000 QQ$_{190}$	2001 11 21.2	03 46.84	+09 39.9	18.4	−0.94	− 1.0	3.4/19.6	18288
1998 FP$_{126}$	2001 11 21.2	03 46.91	+08 46.9	19.8	−0.78	− 2.9	3.1/19.1	*38049*
1996 TA$_{5}$	2001 11 21.2	03 46.99	+15 41.3	18.7	−0.91	− 4.3	1.4/20.4	9684
1055 T-2	2001 11 21.2	03 47.10	+23 28.4	18.6	−0.99	− 2.7	1.3/22.0	11065
1995 WM$_{16}$	2001 11 21.2	03 47.16	+21 27.7	19.4	−0.84	− 3.4	0.5/21.6	16733
2000 GF$_{126}$	2001 11 21.3	03 47.40	+07 15.1	17.3	−1.03	− 2.7	5.1/19.3	17300
1998 KY$_{30}$	2001 11 21.3	03 47.41	+17 27.6	17.5	−0.97	+ 1.8	0.9/21.0	18165
2282 T-1	2001 11 21.3	03 47.42	+29 57.1	19.9	−0.99	− 1.1	3.1/22.9	8353
2001 QK$_{77}$	2001 11 21.3	03 47.69	+11 53.2	16.6	−0.95	− 4.2	3.6/19.9	17839
2000 NU$_{26}$	2001 11 21.3	03 47.71	+31 43.5	17.8	−0.95	− 3.9	4.0/23.7	13669
2000 RZ$_{88}$	2001 11 21.3	03 47.77	+59 58.2	18.7	−1.51	− 0.9	12.4/29.3	18290
1999 GZ$_{34}$	2001 11 21.4	03 47.68	+38 30.5	17.9	−1.25	+ 0.2	6.3/24.2	18204
2000 OP$_{37}$	2001 11 21.4	03 47.78	+09 54.4	18.2	−0.86	− 4.9	3.2/19.5	4968
3148 T-1	2001 11 21.4	03 48.01	+47 05.9	20.7	−1.13	− 0.6	6.2/26.5	11065
2000 MY	2001 11 21.4	03 48.07	+26 25.1	18.4	−1.12	− 4.5	2.5/22.7	18281
1978 OP	2001 11 21.4	03 48.09	+01 14.7	18.1	−0.96	+ 0.6	6.4/19.0	*23245*
1999 JX$_{86}$	2001 11 21.5	03 48.09	+12 17.0	16.8	−1.13	+ 3.1	3.2/20.7	18208
2000 KJ$_{42}$	2001 11 21.5	03 48.12	−05 41.7	18.3	−0.94	− 0.8	10.2/17.6	18277
2000 EA$_{142}$	2001 11 21.5	03 48.15	−00 40.9	18.6	−0.97	− 0.9	7.0/18.5	18244
1988 QC	2001 11 21.5	03 48.22	−00 10.0	17.9	−0.77	+ 1.9	11.6/19.4	18130
1996 XY$_{12}$	2001 11 21.5	03 48.23	+12 39.4	19.1	−0.96	+ 1.2	2.6/20.6	*30786*
2000 SS$_{25}$	2001 11 21.5	03 48.31	+12 16.1	19.6	−0.88	− 5.5	2.4/20.0	18291
1998 EO$_{13}$	2001 11 21.5	03 48.37	+38 41.9	19.1	−1.06	− 0.6	5.6/24.7	16016
1999 FH$_{41}$	2001 11 21.5	03 48.38	+28 00.0	19.2	−1.09	− 3.3	2.9/23.0	3906
2000 GM$_{71}$	2001 11 21.5	03 48.49	+24 01.5	18.5	−1.26	− 0.9	1.7/22.1	1602
2000 RG$_{64}$	2001 11 21.6	03 48.50	+11 14.8	19.1	−0.80	− 6.2	2.5/19.8	5050
2000 OV$_{38}$	2001 11 21.6	03 48.56	+04 47.5	19.6	−0.86	− 4.7	4.7/18.6	4968
2000 FL$_{24}$	2001 11 21.6	03 48.58	+09 13.2	19.9	−1.01	− 0.5	3.3/20.1	14407
1999 JS$_{35}$	2001 11 21.6	03 48.86	+12 40.9	18.7	−0.95	− 5.4	2.7/20.2	16989
1997 YQ$_{16}$	2001 11 21.6	03 48.94	+19 48.0	15.6	−0.94	− 0.2	11.9/12.0	18157
1978 VJ$_{4}$	2001 11 21.7	03 48.97	+19 30.6	17.5	−0.94	− 6.1	0.2/21.6	18129
1996 RT$_{3}$	2001 11 21.7	03 49.02	+39 53.6	18.6	−1.22	− 0.9	6.6/25.0	18145
2000 QQ$_{62}$	2001 11 21.7	03 49.07	+16 21.9	19.3	−0.85	− 1.5	1.0/21.1	7057
2000 OK$_{57}$	2001 11 21.7	03 49.07	+03 25.3	17.8	−0.83	− 0.6	5.9/19.1	17440
2000 PC$_{4}$	2001 11 21.7	03 49.17	+28 05.2	18.4	−0.97	− 3.8	2.5/23.3	4974
2000 NY$_{12}$	2001 11 21.7	03 49.22	+22 17.3	17.7	−0.98	− 4.2	0.7/22.2	3944
1990 UN$_{4}$	2001 11 21.7	03 49.31	−01 18.2	17.6	−1.02	−10.6	8.9/16.9	18132
1998 XE$_{96}$	2001 11 21.8	03 49.36	+08 13.7	17.0	−1.06	− 0.6	5.4/20.1	16893
1999 JZ$_{100}$	2001 11 21.8	03 49.40	+01 30.8	18.1	−0.82	− 1.8	5.6/18.6	18208
2000 SK$_{205}$	2001 11 21.8	03 49.43	+16 41.2	19.1	−0.55	− 1.7	0.6/21.2	13769
1998 GC$_{4}$	2001 11 21.8	03 49.65	+02 32.1	17.1	−0.89	+ 0.2	5.8/19.2	16807
2000 JX$_{53}$	2001 11 21.8	03 49.70	−03 05.3	18.6	−0.92	− 2.7	8.4/18.0	2780
2000 HT$_{26}$	2001 11 21.8	03 49.71	+06 32.1	16.7	−0.94	−10.8	6.4/18.7	18262
1999 JV$_{16}$	2001 11 21.8	03 49.72	+20 53.4	17.9	−0.96	+ 0.1	0.3/22.0	18206
2000 QH$_{173}$	2001 11 21.8	03 49.79	+33 42.4	19.4	−1.11	− 4.0	4.6/24.4	18288
2000 JA$_{44}$	2001 11 21.8	03 49.81	+20 31.4	19.2	−1.18	+ 0.5	8.7/12.0	1349
2000 QY$_{117}$	2001 11 21.9	03 49.75	+42 28.8	19.1	−1.04	− 2.7	5.9/26.4	5009
1995 SF$_{21}$	2001 11 21.9	03 49.84	+16 39.8	20.1	−0.87	− 2.7	1.0/21.3	9680
1981 EP$_{3}$	2001 11 21.9	03 49.88	+17 42.1	20.0	−0.83	− 4.8	0.7/21.5	*26915*
1996 TZ$_{11}$	2001 11 21.9	03 49.91	+16 15.2	16.5	−0.90	− 8.6	1.5/21.1	18145
1999 AA$_{4}$	2001 11 21.9	03 50.00	+28 41.9	18.0	−1.11	− 2.8	2.9/23.4	18189
1998 YB$_{11}$	2001 11 21.9	03 50.02	+26 51.1	19.0	−1.14	− 3.9	2.6/23.1	10876
2000 JU$_{12}$	2001 11 21.9	03 50.08	+20 01.0	18.6	−1.09	− 3.7	9.9/12.0	1329
1998 FO$_{8}$	2001 11 21.9	03 50.12	+37 29.4	17.4	−1.01	− 0.4	4.5/24.7	18160
1999 BB$_{14}$	2001 11 21.9	03 50.14	+38 15.9	18.5	−1.18	− 0.5	5.3/24.8	13588
2000 JG$_{17}$	2001 11 21.9	03 50.15	+06 16.4	17.4	−0.93	− 5.9	5.2/19.3	18269
2000 QL$_{12}$	2001 11 22.0	03 50.19	+15 12.1	20.1	−1.08	− 3.1	1.6/21.2	5839

1998 QQ$_5$	2001 11 22.0	03 50.24	−15 03.8	18.8	−1.12	−	7.1	15.5/13.8	16018
2000 QZ$_{168}$	2001 11 22.0	03 50.25	+10 29.9	19.3	−0.78	−	3.5	2.7/20.2	13709
1992 SW$_{16}$	2001 11 22.0	03 50.27	+19 39.9	19.1	−0.98	−	3.4	0.1/21.9	4885
4848 P-L	2001 11 22.0	03 50.38	+16 08.8	18.8	−1.04	−	3.6	1.4/21.4	2801
2000 NF$_{27}$	2001 11 22.0	03 50.61	+30 57.7	17.4	−0.98	−	3.0	3.8/24.1	17433
2000 KP$_7$	2001 11 22.1	03 50.61	+19 40.9	16.6	−0.90	−	11.1	0.2/22.0	17398
1997 UR$_6$	2001 11 22.1	03 50.61	+21 20.2	19.1	−1.09	−	2.5	0.5/22.3	6198
2000 OR$_6$	2001 11 22.1	03 50.69	+19 33.8	18.9	−1.03	−	4.4	0.2/22.0	5796
2000 HK$_{39}$	2001 11 22.1	03 50.70	+15 20.7	18.5	−1.16	+	1.0	2.1/21.6	17332
2000 FY$_{46}$	2001 11 22.1	03 50.72	+11 41.7	18.4	−1.19	−	0.4	3.4/21.0	748
1998 FT$_{95}$	2001 11 22.1	03 50.77	+20 19.1	17.0	−0.87	−	6.1	0.1/22.2	18161
1999 JN$_{29}$	2001 11 22.1	03 50.81	+22 27.2	19.3	−0.95	−	4.2	0.8/22.6	4935
1994 ED$_2$	2001 11 22.1	03 50.84	+31 39.7	17.8	−1.04	−	2.5	3.6/24.1	18137
2000 JU$_{53}$	2001 11 22.1	03 50.89	−28 59.3	18.2	−0.90	−	2.2	14.8/12.8	15084
2000 KA$_{83}$	2001 11 22.1	03 50.92	+10 45.1	18.9	−1.01	−	4.2	3.7/20.5	18279
2000 PE$_7$	2001 11 22.2	03 51.05	+38 17.3	18.9	−1.14	−	4.4	6.1/25.8	3961
2000 RY$_{24}$	2001 11 22.2	03 51.09	+11 30.2	18.5	−0.79	−	6.2	2.6/20.4	18290
1998 BO$_{46}$	2001 11 22.2	03 51.16	+27 49.5	17.8	−1.03	−	2.9	2.8/23.5	18158
2000 QP$_{172}$	2001 11 22.2	03 51.27	+22 50.6	19.1	−1.01	−	5.1	0.9/22.8	17448
2000 HU$_{60}$	2001 11 22.2	03 51.37	+23 17.2	19.6	−1.17	−	2.8	1.3/22.8	11782
1999 CA$_1$	2001 11 22.2	03 51.43	+11 29.1	19.3	−1.05	−	0.8	2.9/21.0	4427
2000 QR$_{10}$	2001 11 22.2	03 51.49	+12 29.4	19.0	−0.83	−	2.4	2.3/21.0	15088
1997 YK$_7$	2001 11 22.3	03 51.46	+09 43.6	16.8	−1.06	+	3.7	4.5/21.3	18156
1999 FO$_{27}$	2001 11 22.3	03 51.61	+00 55.9	17.7	−0.88	−	5.4	6.9/18.4	18202
4319 P-L	2001 11 22.3	03 51.67	+21 32.8	18.3	−1.19	−	5.3	0.6/22.6	819
1998 SQ$_{10}$	2001 11 22.3	03 51.75	−08 47.3	18.1	−0.98	−	16.6	14.4/13.1	16848
2000 QX$_5$	2001 11 22.3	03 51.78	+19 03.1	20.2	−0.83	−	2.6	0.3/22.2	13680
2000 QX$_{118}$	2001 11 22.3	03 51.89	+34 59.3	17.8	−0.95	−	2.8	4.1/25.1	13701
1999 CD$_{48}$	2001 11 22.3	03 51.94	+45 30.5	18.8	−1.25	−	2.6	7.4/27.3	18196
2000 OG$_{57}$	2001 11 22.4	03 51.90	+35 42.7	17.8	−1.03	−	2.9	5.3/25.3	18284
1981 EV$_{37}$	2001 11 22.4	03 51.97	+13 57.0	19.9	−1.00	−	6.6	2.7/21.2	*26922*
1981 EC$_6$	2001 11 22.4	03 52.19	+33 58.9	18.1	−1.22	−	5.6	5.5/25.3	*30779*
2000 QJ$_{202}$	2001 11 22.4	03 52.22	+18 26.2	19.7	−0.85	−	2.0	0.5/22.2	13713
2000 WX$_{182}$	2001 11 22.4	03 52.23	+15 15.2	16.5	−0.66	+	1.3	0.9/21.8	18305
1996 TC$_{44}$	2001 11 22.4	03 52.32	+26 55.7	19.4	−1.00	−	2.0	2.7/23.6	*32954*
2001 QV$_{78}$	2001 11 22.5	03 52.45	+30 19.8	16.7	−1.30	+	1.4	4.4/23.8	18381
1999 CT$_{36}$	2001 11 22.5	03 52.47	+12 45.5	15.9	−1.07	+	2.8	3.9/21.8	18195
1998 DG$_{11}$	2001 11 22.5	03 52.57	+20 20.9	19.8	−0.82	−	1.9	0.0/22.6	10844
2001 QO$_{181}$	2001 11 22.5	03 52.60	+10 15.1	16.3	−1.04	+	0.2	4.5/21.3	17936
1994 PF$_{33}$	2001 11 22.5	03 52.61	+14 43.0	17.4	−1.09	−	3.5	2.8/21.7	18138
2000 NU$_{13}$	2001 11 22.5	03 52.65	−02 30.3	18.2	−0.81	−	1.6	7.4/18.6	13668
1999 JW$_{58}$	2001 11 22.5	03 52.65	+15 07.4	18.4	−0.92	−	7.6	1.8/21.5	18207
2000 QJ$_{39}$	2001 11 22.5	03 52.74	+39 32.3	17.6	−1.05	−	3.1	6.7/26.3	18286
1981 EB$_{22}$	2001 11 22.5	03 52.74	+17 39.0	19.1	−0.86	−	2.3	0.8/22.2	3861
1993 NY	2001 11 22.6	03 52.68	+21 34.4	18.9	−1.10	−	3.7	0.5/22.8	15565
2000 HG$_4$	2001 11 22.6	03 53.07	+16 58.2	19.7	−1.10	−	4.9	1.3/22.1	1621
2000 QK$_9$	2001 11 22.6	03 53.07	+21 45.5	17.5	−0.75	−	2.6	0.4/23.0	18286
1994 PC$_{10}$	2001 11 22.6	03 53.12	+20 43.5	18.9	−1.18	−	3.2	0.2/22.8	610
1999 CT$_{35}$	2001 11 22.7	03 53.18	+09 31.1	18.5	−1.07	−	0.2	3.7/21.2	18195
2000 OX$_{12}$	2001 11 22.7	03 53.24	+21 49.3	19.7	−1.06	−	3.2	0.5/23.0	4578
2000 QV$_{94}$	2001 11 22.7	03 53.32	+09 24.7	18.3	−0.80	−	4.2	3.4/20.7	13695
2000 GH$_{50}$	2001 11 22.7	03 53.38	+06 36.7	18.3	−1.00	−	6.0	5.5/20.3	18251
2000 SU$_{43}$	2001 11 22.7	03 53.43	−09 58.6	20.2	−0.84	−	5.3	8.0/16.6	18291
6720 P-L	2001 11 22.7	03 53.45	+21 21.8	18.9	−0.92	−	2.6	0.4/23.0	18108
2000 KU$_{48}$	2001 11 22.7	03 53.55	+14 29.7	19.7	−1.06	−	2.4	2.1/21.9	10959
1999 CF$_{84}$	2001 11 22.7	03 53.63	+19 29.2	18.0	−1.17	−	0.4	0.3/22.7	18197
2000 HH$_{55}$	2001 11 22.8	03 53.60	+16 46.6	17.4	−1.05	−	6.0	1.5/22.2	18265
1990 RF$_6$	2001 11 22.8	03 53.63	+12 07.3	16.8	−0.83	−	3.0	3.5/21.4	18131
1999 CK$_{147}$	2001 11 22.8	03 53.67	+38 14.0	19.0	−1.18	−	2.1	6.0/25.9	18199
1995 SV$_{53}$	2001 11 22.8	03 53.69	+19 10.9	18.6	−0.90	−	3.1	0.4/22.6	4891
1999 GF$_8$	2001 11 22.8	03 53.72	+15 46.4	17.2	−0.91	−	5.0	1.7/22.0	16974
1999 CR$_2$	2001 11 22.8	03 53.82	+33 40.3	16.5	−1.20	+	0.4	7.2/24.8	18194
2000 OZ$_{38}$	2001 11 22.8	03 53.82	+29 45.4	19.4	−1.03	−	5.4	2.8/24.7	13672
1998 CY$_4$	2001 11 22.8	03 53.82	+19 13.3	18.1	−0.90	−	3.0	0.4/22.7	13557
4057 T-3	2001 11 22.8	03 53.92	+20 19.6	17.9	−1.17	−	1.5	0.0/22.9	2805
1999 AP$_2$	2001 11 22.8	03 53.93	+27 07.6	17.3	−1.21	−	1.3	2.9/23.9	18189
2000 SU$_{194}$	2001 11 22.8	03 53.96	+21 26.3	18.7	−0.87	−	2.3	0.3/23.1	14911
1999 GG$_{23}$	2001 11 22.8	03 54.01	+26 03.0	18.7	−1.08	−	1.8	2.0/23.8	16037
2000 JA$_{10}$	2001 11 22.8	03 54.04	+06 44.4	16.1	−1.14	+	4.8	6.0/21.9	18268
4814 P-L	2001 11 22.9	03 53.98	+15 53.8	19.2	−0.89	−	2.3	1.6/22.2	18105
1998 BR$_{45}$	2001 11 22.9	03 54.04	+11 26.6	18.2	−0.92	−	1.8	3.3/21.5	18158
2001 QL$_{80}$	2001 11 22.9	03 54.05	+26 27.2	16.6	−1.09	−	0.9	2.5/23.8	17841
2000 QA$_{202}$	2001 11 22.9	03 54.19	+15 40.5	17.6	−0.88	−	2.0	1.5/22.2	5891
1999 JK$_{91}$	2001 11 22.9	03 54.30	−01 43.0	17.1	−0.93	+	3.5	7.5/20.9	16997
1998 FO$_{132}$	2001 11 22.9	03 54.42	+33 25.6	20.1	−0.91	−	1.4	3.2/25.2	16805
1999 BE$_1$	2001 11 22.9	03 54.43	+27 14.9	18.1	−1.19	−	3.9	3.0/24.2	2641
2000 RU$_{12}$	2001 11 23.0	03 54.43	+13 54.2	18.1	−0.82	−	4.8	1.9/21.8	10970
2000 FM$_{41}$	2001 11 23.0	03 54.53	+16 17.9	18.3	−1.18	−	1.8	1.6/22.5	2762
2000 NB$_{25}$	2001 11 23.0	03 54.61	+32 17.8	18.7	−0.98	−	4.2	4.2/25.4	3947
2000 PC$_{26}$	2001 11 23.0	03 54.74	+10 13.4	19.9	−0.80	−	6.5	2.8/21.0	4978
1997 YF$_{18}$	2001 11 23.1	03 54.79	+23 10.7	18.3	−0.90	−	0.3	0.8/23.5	13555
1981 ER$_{34}$	2001 11 23.1	03 54.82	+21 35.2	18.9	−0.83	−	4.5	0.4/23.3	*30780*
1981 EN$_{18}$	2001 11 23.1	03 54.87	+14 58.1	19.3	−0.83	−	3.7	1.7/22.1	7424
2000 QN$_{155}$	2001 11 23.1	03 54.88	+07 37.7	19.5	−0.88	−	4.6	3.9/20.8	16088
1999 GW$_{50}$	2001 11 23.1	03 54.92	+05 12.3	17.2	−0.89	−	5.5	5.7/20.1	18205
2000 OV$_{56}$	2001 11 23.1	03 54.94	+35 41.7	18.6	−1.04	−	2.6	5.1/25.9	6282
1998 YU	2001 11 23.1	03 55.11	+24 22.7	16.9	−1.10	−	3.8	2.1/23.8	18187
1999 BF$_{11}$	2001 11 23.1	03 55.12	+18 29.0	20.7	−1.07	−	2.9	0.7/22.9	12145
2000 KE$_{42}$	2001 11 23.1	03 55.14	−05 50.7	18.7	−0.96	−	1.2	10.4/19.3	18277
1993 FO$_{77}$	2001 11 23.1	03 55.15	−01 38.3	19.2	−0.77	−	5.9	6.4/18.5	15006
2000 ST$_{343}$	2001 11 23.1	03 55.16	+27 42.1	19.9	−0.88	−	2.7	2.1/24.5	17465
1993 PX$_6$	2001 11 23.2	03 55.48	+32 52.2	16.9	−1.15	−	4.8	5.7/25.7	16710
2000 JG$_{77}$	2001 11 23.2	03 55.56	+21 13.4	17.5	−1.11	−	4.6	0.3/23.4	16081
2000 QS$_{82}$	2001 11 23.2	03 55.63	+51 46.6	18.8	−1.29	−	0.4	9.2/28.7	5861
2000 RN$_{74}$	2001 11 23.2	03 55.65	+26 53.3	18.9	−0.99	−	3.9	2.1/24.5	4776
1998 FX$_{14}$	2001 11 23.3	03 55.85	+28 29.9	18.9	−0.94	−	2.1	2.5/24.7	*32317*
2000 QZ$_{12}$	2001 11 23.3	03 55.86	+27 57.8	18.1	−1.03	−	2.5	2.7/24.6	13681
2000 JK$_{17}$	2001 11 23.3	03 55.87	+15 19.6	18.4	−1.13	−	1.9	1.9/22.6	2778
1998 BU$_7$	2001 11 23.3	03 56.05	+10 54.9	16.3	−1.12	+	7.9	4.8/23.0	16787
1997 TE$_{26}$	2001 11 23.3	03 56.05	+22 31.7	18.0	−1.11	−	4.5	0.8/23.8	18152
2001 QU$_{177}$	2001 11 23.4	03 56.07	+21 23.0	16.9	−0.97	−	8.4	0.4/23.6	17932
2000 QK$_{50}$	2001 11 23.4	03 56.09	+06 59.4	19.7	−0.80	−	2.5	3.9/21.1	5850

2000 QJ$_{147}$	2001 11 23.4	03 56.10	+28 16.8	17.0	−0.92	− 5.5	2.5/25.0	17446
2000 RJ$_{101}$	2001 11 23.4	03 56.16	+53 05.7	19.9	−1.19	− 1.9	7.8/29.9	10976
1999 JR$_{80}$	2001 11 23.4	03 56.17	+07 14.0	19.4	−0.83	+ 0.1	3.4/21.6	11527
2000 QT$_{47}$	2001 11 23.4	03 56.23	+03 21.0	19.1	−0.79	− 2.2	4.8/20.6	13685
6806 P-L	2001 11 23.4	03 56.32	+19 43.0	19.2	−0.91	− 1.8	0.2/23.3	3840
2000 NZ$_{26}$	2001 11 23.4	03 56.36	+20 06.3	17.7	−0.97	− 3.1	0.1/23.4	16085
2000 NM$_{23}$	2001 11 23.4	03 56.38	+42 27.5	17.5	−1.23	− 3.6	7.9/27.6	18282
1999 JQ$_{89}$	2001 11 23.4	03 56.46	+16 35.9	17.7	−1.04	+ 3.7	1.2/23.1	16996
1999 JV$_{27}$	2001 11 23.5	03 56.54	+18 59.2	19.0	−0.85	− 2.0	0.4/23.3	13595
2000 SK$_{193}$	2001 11 23.5	03 56.56	+38 53.2	19.1	−1.05	− 1.2	5.5/26.5	18293
2000 QL$_{94}$	2001 11 23.5	03 56.72	+05 41.9	18.0	−0.86	− 0.8	4.8/21.4	18287
1999 CS$_{38}$	2001 11 23.5	03 56.78	+00 42.0	19.3	−0.89	− 1.6	5.9/20.5	4926
1992 EU$_{11}$	2001 11 23.5	03 56.84	+30 45.6	18.4	−1.17	− 2.9	3.7/25.2	4885
2001 QX$_{79}$	2001 11 23.5	03 56.85	+24 04.1	16.9	−1.05	− 1.6	1.8/24.1	17841
2000 PE$_{16}$	2001 11 23.5	03 56.85	+17 58.7	17.8	−0.86	− 2.9	0.9/23.2	5829
1993 FB$_{17}$	2001 11 23.5	03 56.88	+00 08.1	19.0	−0.77	− 3.6	5.7/19.8	13537
2000 GA$_{66}$	2001 11 23.5	03 56.96	+32 55.0	17.6	−1.32	+ 0.3	5.0/25.3	17269
2000 QB$_{86}$	2001 11 23.6	03 56.91	+24 19.8	18.7	−0.97	− 4.0	1.3/24.3	5000
2000 NP$_{16}$	2001 11 23.6	03 57.03	+27 14.1	19.3	−1.01	− 2.5	2.2/24.7	3945
1998 EQ$_{11}$	2001 11 23.6	03 57.16	+23 10.6	18.2	−0.93	− 1.2	0.9/24.1	16016
1993 TF$_{17}$	2001 11 23.6	03 57.41	+05 34.8	19.0	−0.97	− 4.9	4.8/21.0	18136
2000 NO$_{27}$	2001 11 23.7	03 57.36	+31 55.1	19.3	−1.17	− 3.6	3.8/25.7	13669
1998 RO$_{3}$	2001 11 23.7	03 57.39	+56 55.6	18.4	−2.12	+ 1.1	17.6/29.8	621
2000 JY	2001 11 23.7	03 57.53	−05 14.3	17.2	−1.51	+11.9	13.1/23.7	1639
1999 JY$_{81}$	2001 11 23.7	03 57.67	+12 17.0	19.1	−0.96	+ 0.3	2.5/22.7	10347
2000 LG$_{1}$	2001 11 23.7	03 57.69	+10 19.9	18.1	−1.07	− 1.0	3.8/22.4	18279
2000 NA$_{28}$	2001 11 23.7	03 57.83	+32 00.6	18.4	−0.97	− 6.9	3.8/26.3	18282
2000 QK$_{8}$	2001 11 23.8	03 57.75	+34 22.9	16.9	−0.99	− 2.8	4.2/26.2	18286
2000 QZ$_{148}$	2001 11 23.8	03 57.79	+25 02.9	18.2	−0.89	− 4.2	1.4/24.7	13706
1997 GF$_{7}$	2001 11 23.8	03 57.86	+16 03.0	17.6	−1.16	− 2.7	2.2/23.2	16753
1999 LJ$_{3}$	2001 11 23.8	03 58.00	+16 27.7	19.5	−0.91	− 2.1	1.4/23.2	17007
2000 QV$_{15}$	2001 11 23.8	03 58.05	+18 19.8	19.2	−0.87	− 2.2	0.7/23.5	14905
2653 P-L	2001 11 23.8	03 58.15	+26 41.0	19.4	−0.89	− 2.0	1.8/24.9	6134
2000 HE$_{85}$	2001 11 23.8	03 58.16	+10 17.9	17.3	−1.06	− 6.7	4.3/21.9	17351
1981 EQ$_{44}$	2001 11 23.8	03 58.17	+30 20.2	19.0	−1.25	− 5.4	4.5/25.7	6697
1993 FY$_{75}$	2001 11 23.8	03 58.23	+15 57.7	19.0	−1.10	− 5.1	1.8/23.1	18135
1990 WB$_{7}$	2001 11 23.8	03 58.26	+11 35.6	17.3	−1.01	− 3.9	3.9/22.4	18132
1999 JH$_{91}$	2001 11 23.9	03 58.25	+05 45.0	21.4	−0.91	− 1.5	4.2/21.6	18208
2000 OD$_{42}$	2001 11 23.9	03 58.32	+32 07.6	17.9	−0.96	− 4.5	3.9/26.1	13673
2000 GQ$_{105}$	2001 11 23.9	03 58.34	+00 07.7	18.7	−1.00	− 3.0	7.5/20.7	4567
1981 DL	2001 11 23.9	03 58.38	+18 29.9	17.8	−0.83	− 5.2	0.6/23.6	18129
2000 HL$_{13}$	2001 11 23.9	03 58.48	+22 04.0	18.9	−1.15	− 3.7	0.6/24.2	1624
1999 FE$_{33}$	2001 11 23.9	03 58.51	+10 42.1	18.3	−1.01	− 4.7	4.0/22.2	2032
2001 QC$_{295}$	2001 11 23.9	03 58.56	+11 09.1	17.6	−1.03	− 1.9	3.6/22.6	18004
2000 LN$_{28}$	2001 11 23.9	03 58.63	+15 01.5	18.8	−0.91	− 2.3	1.7/23.1	13667
1994 LA	2001 11 24.0	03 58.61	−00 34.6	18.2	−0.95	+ 3.9	7.1/22.2	16716
2000 JE$_{22}$	2001 11 24.0	03 58.63	+25 55.9	19.7	−1.18	− 1.2	1.9/24.8	7033
1993 FP$_{6}$	2001 11 24.0	03 58.66	+03 34.9	18.7	−0.80	− 2.7	5.1/21.2	14730
1999 GG$_{35}$	2001 11 24.0	03 58.73	+24 31.9	18.2	−1.11	− 3.2	1.6/24.7	9095
2000 JK$_{24}$	2001 11 24.0	03 58.77	+24 58.3	18.2	−1.11	− 6.8	1.6/24.9	18270
2000 HG$_{52}$	2001 11 24.0	03 58.78	+21 28.6	17.4	−1.16	− 2.0	0.4/24.2	18264
1995 SB$_{42}$	2001 11 24.0	03 58.82	+13 41.5	19.5	−0.86	− 2.9	2.3/22.9	14740
1999 FO$_{6}$	2001 11 24.0	03 58.92	+26 55.4	17.5	−1.13	+ 0.2	3.1/24.9	16961
2000 SB$_{81}$	2001 11 24.0	03 58.94	+20 51.3	18.0	−0.73	− 1.0	0.1/24.1	16089
1999 JW$_{120}$	2001 11 24.0	03 59.04	+16 51.8	18.6	−0.89	− 5.0	1.2/23.4	6237
1998 EZ$_{9}$	2001 11 24.0	03 59.07	+31 38.2	20.6	−0.93	− 1.1	2.9/25.8	4371
1997 YT$_{4}$	2001 11 24.0	03 59.09	+20 36.1	16.0	−1.05	+ 5.9	0.0/24.1	18156
1995 OY$_{3}$	2001 11 24.1	03 59.08	+18 48.8	21.1	−0.90	− 2.6	0.5/23.8	3874
1999 CY$_{119}$	2001 11 24.1	03 59.11	+31 58.7	17.9	−1.25	+ 0.2	4.1/25.6	18198
2000 QS$_{200}$	2001 11 24.1	03 59.19	+34 40.0	19.6	−1.02	− 1.7	4.3/26.4	13713
1998 BM$_{9}$	2001 11 24.1	03 59.30	+21 41.3	17.8	−0.97	− 3.1	0.5/24.3	*31265*
2000 HF$_{88}$	2001 11 24.1	03 59.32	+13 55.2	19.5	−1.07	− 2.6	2.5/23.2	5756
1998 AL$_{8}$	2001 11 24.1	03 59.44	+19 46.8	17.4	−1.01	− 2.0	0.3/24.1	*31592*
1997 AV$_{15}$	2001 11 24.1	03 59.47	−19 50.4	18.2	−1.27	+ 4.2	17.9/20.0	614
1997 UZ$_{7}$	2001 11 24.2	03 59.45	+19 29.0	17.8	−1.03	−11.5	0.5/24.0	1012
1999 JL$_{67}$	2001 11 24.2	03 59.53	+24 10.0	18.1	−1.04	− 0.1	1.2/24.7	16039
1999 CH$_{47}$	2001 11 24.2	03 59.75	+03 17.5	18.6	−0.92	− 1.9	5.2/21.6	4429
2000 QP$_{115}$	2001 11 24.2	03 59.75	+33 41.0	18.4	−0.96	− 3.2	4.1/26.6	18287
1998 FA$_{77}$	2001 11 24.2	03 59.86	+23 07.6	17.2	−0.94	− 0.2	0.8/24.6	18161
2001 QM$_{78}$	2001 11 24.2	03 59.87	+05 30.4	16.7	−0.79	− 8.3	5.7/20.8	17840
1998 DN$_{17}$	2001 11 24.3	03 59.95	−00 31.4	17.3	−0.83	− 3.4	9.1/20.4	18159
1999 BG$_{9}$	2001 11 24.3	03 59.97	+18 20.2	18.9	−1.21	− 3.8	1.0/24.0	*35081*
2001 QM$_{77}$	2001 11 24.3	04 00.03	+20 00.3	15.7	−1.02	− 0.2	0.3/24.3	17839
2000 OZ$_{55}$	2001 11 24.3	04 00.14	+26 55.2	18.1	−1.00	− 3.8	2.4/25.4	17440
1981 EB$_{39}$	2001 11 24.3	04 00.21	+08 59.0	20.4	−0.99	− 4.0	3.9/22.4	18129
2000 OM$_{17}$	2001 11 24.3	04 00.27	+18 02.4	18.3	−0.94	− 2.8	0.8/24.0	16086
1991 PX$_{7}$	2001 11 24.3	04 00.29	+35 04.7	16.3	−1.09	− 2.3	5.7/27.0	16701
2000 OZ$_{2}$	2001 11 24.4	04 00.32	+21 18.0	18.4	−0.94	− 1.8	0.2/24.5	4962
1997 RT$_{8}$	2001 11 24.4	04 00.33	+18 32.4	18.0	−1.11	− 2.2	0.8/24.1	16011
2000 JG$_{65}$	2001 11 24.4	04 00.40	+07 58.4	19.1	−1.06	− 3.0	4.9/22.5	3936
1993 FR$_{18}$	2001 11 24.4	04 00.47	+26 18.5	18.0	−0.96	− 0.1	1.8/25.2	18134
2001 QG$_{77}$	2001 11 24.5	04 00.76	+12 19.3	16.6	−1.00	− 6.4	3.9/22.9	17838
2000 OE$_{60}$	2001 11 24.5	04 00.76	+14 01.1	18.2	−0.82	− 2.7	2.0/23.4	6282
2000 QT$_{209}$	2001 11 24.5	04 00.86	+19 55.3	18.4	−0.85	− 2.7	0.2/24.4	16088
1999 GN$_{35}$	2001 11 24.5	04 01.04	+25 21.9	18.8	−1.08	− 1.7	1.7/25.2	3341
2000 KC$_{29}$	2001 11 24.5	04 01.07	+18 58.6	17.3	−1.17	+ 0.6	0.6/24.4	18276
1999 FV$_{34}$	2001 11 24.5	04 01.08	+31 55.2	19.2	−1.13	+ 0.1	3.6/26.0	10879
2000 SS$_{12}$	2001 11 24.5	04 01.11	+11 36.4	19.5	−0.85	− 1.2	2.7/23.3	17457
1999 CN$_{47}$	2001 11 24.5	04 01.22	+28 47.4	17.2	−1.17	− 2.3	3.8/25.8	18196
2000 KB$_{55}$	2001 11 24.5	04 01.23	+13 38.8	18.5	−1.17	+ 0.1	2.7/23.8	2789
1998 FH$_{58}$	2001 11 24.6	04 01.24	+21 11.8	18.9	−0.86	− 2.4	0.2/24.7	4907
2000 HR$_{14}$	2001 11 24.6	04 01.24	+17 55.4	19.8	−1.13	− 5.4	1.1/24.2	2773
2000 GR$_{126}$	2001 11 24.6	04 01.26	+08 25.5	17.6	−1.10	− 0.7	4.7/23.1	3933
1997 SF$_{25}$	2001 11 24.6	04 01.26	+29 23.6	16.7	−1.18	0.0	4.0/25.8	18151
1999 ET$_{10}$	2001 11 24.6	04 01.32	+17 38.6	16.7	−0.97	− 3.5	1.5/24.1	16958
2000 OK$_{21}$	2001 11 24.6	04 01.37	+54 57.9	18.9	−1.33	− 6.2	10.5/03.8	6278
2000 QG$_{221}$	2001 11 24.6	04 01.39	−01 28.1	18.4	−0.92	− 0.5	7.1/21.5	17452
2000 JU$_{57}$	2001 11 24.6	04 01.41	+16 37.6	17.7	−1.00	− 7.5	1.5/23.9	3935
2001 RU$_{44}$	2001 11 24.6	04 01.60	+11 18.2	17.6	−1.00	− 4.9	4.1/23.0	18027
1999 JZ$_{82}$	2001 11 24.6	04 01.63	−00 13.1	18.6	−0.87	− 2.8	6.2/21.1	13600
1998 XT$_{10}$	2001 11 24.6	04 01.65	+09 45.8	19.1	−1.07	− 1.4	4.4/23.2	5510
1999 CC$_{118}$	2001 11 24.7	04 01.61	+38 19.7	19.4	−1.13	− 3.7	5.3/27.9	7476

1994 PU$_{8}$	2001 11 24.7	04 01.65	+36 41.9	17.0	−1.24	− 2.7	8.1/27.3	18137
1981 EQ$_{33}$	2001 11 24.7	04 01.65	+27 24.8	19.1	−1.13	− 4.4	2.5/25.9	*33739*
1999 JZ$_{88}$	2001 11 24.7	04 01.66	+07 14.4	19.2	−0.94	− 0.7	4.4/22.9	18208
2000 GT$_{136}$	2001 11 24.7	04 01.83	+06 47.4	18.7	−1.10	− 0.8	5.2/23.0	3933
1997 OM$_{2}$	2001 11 24.7	04 01.89	+16 58.0	19.6	−1.12	− 3.2	1.5/24.2	6759
1998 YU$_{2}$	2001 11 24.7	04 01.94	+30 16.2	19.0	−1.16	− 3.3	3.6/26.3	*34313*
2000 GJ$_{57}$	2001 11 24.8	04 02.10	+15 31.6	17.0	−1.10	− 5.3	2.3/23.9	18252
1998 YK$_{8}$	2001 11 24.8	04 02.10	+12 21.0	18.5	−1.08	− 2.3	3.2/23.6	18187
1997 WR$_{12}$	2001 11 24.8	04 02.19	+21 24.6	19.3	−1.05	− 3.4	0.3/25.0	18154
2000 FR$_{41}$	2001 11 24.8	04 02.23	+19 16.4	17.1	−1.24	− 0.4	0.6/24.7	18248
1999 BW$_{2}$	2001 11 24.8	04 02.31	+39 35.5	17.7	−1.36	− 0.6	7.7/27.4	18191
1998 DC$_{3}$	2001 11 24.8	04 02.45	+04 36.5	19.4	−0.85	− 1.7	5.0/22.4	16790
1999 JO$_{59}$	2001 11 24.9	04 02.62	+11 27.3	19.3	−0.84	− 2.8	2.8/23.4	4937
2000 NC$_{16}$	2001 11 24.9	04 02.71	+23 16.6	17.8	−0.95	− 2.1	0.9/25.4	18282
2000 HM$_{58}$	2001 11 24.9	04 02.87	+26 12.2	17.8	−1.31	+ 1.4	2.8/25.6	17339
2000 QH$_{135}$	2001 11 24.9	04 02.88	−13 57.5	19.5	−0.80	− 0.5	10.0/19.6	18287
1999 JJ$_{90}$	2001 11 24.9	04 02.89	+07 12.5	19.3	−0.97	+ 1.3	4.3/23.4	*35117*
2000 EF$_{101}$	2001 11 25.0	04 02.87	+25 13.5	18.0	−1.23	− 1.3	1.6/25.6	18242
2000 GG$_{161}$	2001 11 25.0	04 02.88	+22 46.8	18.4	−1.15	− 3.7	0.8/25.3	16071
2000 JT$_{75}$	2001 11 25.0	04 02.99	+08 53.0	18.5	−1.09	− 1.8	4.5/23.4	18274
1999 DP$_{6}$	2001 11 25.0	04 03.07	+01 37.7	17.0	−0.99	+ 0.9	6.8/22.7	18200
1998 HK$_{109}$	2001 11 25.0	04 03.13	−11 28.5	19.7	−0.76	− 5.1	8.8/17.9	4409
2000 LM$_{30}$	2001 11 25.0	04 03.13	+26 37.1	17.6	−0.84	− 6.0	1.7/26.3	13667
1997 UO$_{7}$	2001 11 25.0	04 03.16	+13 13.4	17.6	−0.97	− 3.4	3.4/23.9	18153
2000 OD$_{25}$	2001 11 25.0	04 03.24	+21 57.8	18.7	−0.99	− 1.8	0.4/25.3	3686
1992 RS$_{4}$	2001 11 25.1	04 03.32	+23 14.7	19.4	−1.03	− 2.9	0.8/25.5	3868
2001 QF$_{31}$	2001 11 25.1	04 03.35	+14 03.6	16.2	−0.92	− 1.1	3.1/24.2	18370
2000 OQ$_{43}$	2001 11 25.1	04 03.42	+29 12.2	17.4	−0.92	− 3.3	2.5/26.6	18284
2000 HT$_{58}$	2001 11 25.1	04 03.45	+30 12.6	17.7	−1.27	− 2.1	3.8/26.5	11782
1999 KZ$_{2}$	2001 11 25.1	04 03.46	+19 03.6	18.7	−0.96	− 1.6	0.6/24.9	3916
2000 QG$_{131}$	2001 11 25.1	04 03.47	+24 53.3	19.3	−0.97	− 2.9	1.4/25.8	5013
1998 HA$_{134}$	2001 11 25.1	04 03.50	+04 56.7	17.4	−0.82	− 2.5	5.4/22.5	18164
2000 RH$_{25}$	2001 11 25.1	04 03.55	−06 37.4	19.5	−0.76	− 4.4	7.1/19.9	13723
2000 GC$_{69}$	2001 11 25.1	04 03.56	+20 46.1	17.5	−1.19	− 2.3	0.0/25.2	18253
2335 T-3	2001 11 25.1	04 03.59	+21 15.5	19.2	−0.94	− 3.5	0.2/25.3	8357
2000 QA$_{160}$	2001 11 25.1	04 03.66	+21 31.0	18.6	−0.86	− 5.3	0.2/25.3	17447
2000 EY$_{21}$	2001 11 25.1	04 03.69	−23 38.0	20.0	−1.12	− 0.7	20.9/17.8	3527
1997 SJ$_{33}$	2001 11 25.1	04 03.73	+14 20.5	18.5	−1.04	− 2.7	2.7/24.2	18151
2000 QQ$_{69}$	2001 11 25.1	04 03.73	+23 10.8	19.7	−0.87	− 2.8	0.7/25.6	5857
2000 QW$_{84}$	2001 11 25.2	04 03.73	+30 43.2	17.4	−0.96	− 4.0	3.3/27.0	17444
1999 EY$_{4}$	2001 11 25.2	04 03.78	+07 20.1	19.2	−0.89	− 1.4	4.0/23.3	18200
2000 QS$_{87}$	2001 11 25.2	04 03.84	−11 07.2	17.8	−0.76	− 3.2	9.8/18.9	18287
2000 NZ$_{1}$	2001 11 25.2	04 03.87	+24 07.3	19.3	−1.22	− 3.1	1.4/25.7	3631
2000 KJ$_{56}$	2001 11 25.2	04 04.00	+09 57.2	16.2	−1.08	+ 4.6	5.2/24.5	18277
1991 TQ$_{7}$	2001 11 25.2	04 04.04	+46 07.5	17.5	−1.30	+ 0.2	8.3/28.9	18132
1999 JD$_{116}$	2001 11 25.2	04 04.12	+10 46.8	18.3	−0.89	+ 0.4	3.4/24.0	18209
1992 DS$_{5}$	2001 11 25.3	04 04.39	+19 09.5	18.9	−0.86	− 2.0	0.5/25.1	18133
1999 JU$_{97}$	2001 11 25.3	04 04.44	−00 15.6	19.5	−0.77	− 1.8	5.6/22.1	10883
2000 SK$_{352}$	2001 11 25.3	04 04.46	+10 50.4	18.0	−0.89	+ 0.1	3.1/24.1	17466
1999 CS$_{95}$	2001 11 25.3	04 04.46	+28 09.5	18.0	−1.21	− 2.0	3.1/26.4	18197
2000 ON$_{37}$	2001 11 25.3	04 04.52	+05 24.4	17.3	−0.79	− 4.4	5.3/22.6	18284
1999 BB$_{10}$	2001 11 25.3	04 04.58	+30 55.5	17.4	−1.18	− 3.5	4.0/27.0	16912
2000 JL$_{37}$	2001 11 25.4	04 04.55	+20 57.2	15.7	−1.04	− 7.6	0.1/25.4	18271
2000 QZ$_{220}$	2001 11 25.4	04 04.63	+14 24.6	19.2	−0.91	− 2.3	2.1/24.5	17452
2000 QV$_{191}$	2001 11 25.4	04 04.70	+09 08.5	18.8	−0.79	− 0.2	3.4/23.9	17450
2000 QU$_{218}$	2001 11 25.4	04 04.85	+09 50.3	19.3	−1.04	− 1.4	4.1/24.0	17452
2000 HB$_{63}$	2001 11 25.4	04 05.00	+15 28.0	18.2	−1.16	− 2.3	2.4/24.8	18265
1998 HS$_{83}$	2001 11 25.5	04 04.96	+08 30.7	19.7	−0.78	− 3.1	3.5/23.4	18163
2000 JR$_{28}$	2001 11 25.5	04 05.03	+22 38.2	17.6	−1.10	− 6.8	0.7/25.9	18270
2000 NS$_{21}$	2001 11 25.5	04 05.04	+29 13.7	18.5	−0.94	− 5.2	2.5/27.1	13669
1999 CT$_{31}$	2001 11 25.5	04 05.21	+23 03.1	17.8	−1.16	− 0.5	0.9/25.8	18195
1999 JL$_{9}$	2001 11 25.5	04 05.34	+10 12.1	17.4	−1.07	+ 2.2	3.9/24.5	18206
2000 LQ$_{17}$	2001 11 25.5	04 05.44	+32 45.6	17.4	−1.09	− 6.8	4.0/28.0	18280
2000 QV$_{69}$	2001 11 25.6	04 05.38	+26 47.0	19.6	−0.83	− 2.4	1.6/26.6	13689
1996 FH$_{14}$	2001 11 25.6	04 05.42	+15 54.3	20.6	−1.07	− 2.5	1.8/24.9	3142
1999 AY$_{27}$	2001 11 25.6	04 05.49	+19 56.2	19.8	−1.11	− 3.4	0.4/25.5	6821
2000 QP$_{218}$	2001 11 25.6	04 05.56	+23 28.6	19.6	−1.09	− 3.0	0.9/26.0	17452
2000 PS$_{24}$	2001 11 25.6	04 05.62	+05 11.4	18.4	−0.81	− 4.1	4.4/23.0	18285
1996 LR$_{3}$	2001 11 25.6	04 05.87	+08 48.2	19.2	−1.05	− 1.4	4.7/24.1	6737
2000 QR$_{166}$	2001 11 25.7	04 05.97	+36 56.5	19.0	−1.02	− 2.9	4.4/28.5	4675
2000 LE$_{21}$	2001 11 25.7	04 06.23	+13 53.2	17.9	−0.84	− 4.6	2.3/24.5	16084
2000 GS$_{67}$	2001 11 25.7	04 06.27	+18 25.2	17.1	−1.17	− 2.6	1.2/25.4	18253
1999 JG$_{70}$	2001 11 25.7	04 06.30	+19 47.8	17.5	−0.91	− 0.5	0.3/25.7	18208
1999 JZ$_{30}$	2001 11 25.8	04 06.27	+20 18.8	17.1	−0.96	− 5.7	0.2/25.7	18206
1999 HJ$_{8}$	2001 11 25.8	04 06.28	+29 42.8	18.1	−1.05	− 3.0	2.8/27.2	18205
2000 SG$_{6}$	2001 11 25.8	04 06.40	+26 24.3	19.5	−0.94	+ 0.8	1.5/26.5	15089
1998 EZ$_{13}$	2001 11 25.8	04 06.42	+19 10.3	18.2	−0.88	− 1.6	0.5/25.6	18159
2000 QA$_{219}$	2001 11 25.8	04 06.47	+20 31.1	18.0	−0.92	− 2.9	0.1/25.8	5895
2000 HC$_{28}$	2001 11 25.8	04 06.57	+08 10.1	17.4	−1.21	−18.6	6.0/22.4	18262
1998 FS$_{53}$	2001 11 25.8	04 06.70	+40 50.2	19.0	−1.10	− 1.0	5.6/28.8	18160
1988 CZ$_{2}$	2001 11 25.9	04 06.71	+14 33.9	18.8	−1.10	− 2.3	2.6/25.0	*34575*
2000 KD$_{73}$	2001 11 25.9	04 06.91	+12 53.0	18.4	−0.93	− 3.0	2.6/24.7	16084
2000 QO$_{43}$	2001 11 25.9	04 06.92	+18 52.2	18.6	−0.90	− 2.8	0.7/25.6	6290
2000 KO$_{38}$	2001 11 25.9	04 07.00	+18 22.6	18.1	−1.02	− 3.4	0.9/25.6	18276
1998 SX$_{33}$	2001 11 25.9	04 07.03	+56 23.0	19.2	−2.28	+ 3.8	16.5/30.0	*40004*
1998 FM$_{25}$	2001 11 25.9	04 07.08	+43 16.8	19.5	−1.02	− 1.7	5.4/29.7	10846
2000 QD$_{28}$	2001 11 26.0	04 07.08	+34 11.2	19.1	−0.96	− 1.7	3.9/28.1	9797
1999 JU$_{58}$	2001 11 26.0	04 07.10	+18 12.1	18.1	−0.97	− 3.2	0.9/25.6	18207
2000 QR$_{177}$	2001 11 26.0	04 07.13	+25 59.3	19.4	−0.98	− 3.1	1.7/26.8	4679
2000 GY$_{139}$	2001 11 26.0	04 07.22	+15 03.8	18.7	−1.16	− 1.5	2.4/25.3	1616
2000 QY$_{46}$	2001 11 26.0	04 07.23	+37 22.7	21.2	−1.11	− 2.4	4.8/28.7	3779
1999 GN$_{33}$	2001 11 26.0	04 07.25	+34 29.6	16.2	−1.26	+ 3.9	6.0/27.2	18204
2000 OF$_{46}$	2001 11 26.0	04 07.31	+18 10.4	18.4	−0.85	− 4.8	0.9/25.6	18284
1997 YQ$_{1}$	2001 11 26.0	04 07.34	+26 40.3	17.3	−1.12	− 0.6	2.6/26.8	18156
1999 CS$_{5}$	2001 11 26.0	04 07.38	+14 42.2	16.5	−1.07	+ 0.6	2.8/25.4	18194
2000 NF$_{17}$	2001 11 26.0	04 07.45	+20 51.7	18.5	−1.00	− 1.2	0.0/26.1	3645
1999 JB$_{83}$	2001 11 26.0	04 07.46	+07 22.1	19.9	−0.90	− 0.2	3.9/24.3	16995
2000 QB$_{32}$	2001 11 26.0	04 07.47	−03 45.2	19.8	−0.79	− 0.8	6.9/22.6	13684
1996 TF$_{52}$	2001 11 26.0	04 07.49	+42 04.8	17.2	−1.27	− 0.1	8.0/28.8	18146
1999 CB$_{90}$	2001 11 26.1	04 07.50	+19 53.7	17.3	−1.19	+ 0.6	0.4/26.0	18197
1999 CK$_{43}$	2001 11 26.1	04 07.65	+21 42.0	18.4	−1.07	− 1.8	0.3/26.2	18195
1999 FZ$_{11}$	2001 11 26.1	04 07.97	+24 08.5	19.8	−1.09	− 2.2	1.3/26.6	6829

1999 GS_5	2001 11 26.2	04 07.92	+23 44.2	18.0	−1.13	− 1.4	1.2/26.6	18203
1999 AR_{21}	2001 11 26.2	04 08.00	+23 39.1	18.1	−1.14	− 3.4	1.1/26.6	18190
2000 QN_{51}	2001 11 26.2	04 08.10	+05 25.0	18.9	−0.80	− 2.0	4.5/23.9	18286
4251 T-3	2001 11 26.2	04 08.11	+19 27.2	18.2	−0.97	− 0.9	0.6/26.0	2806
1999 NK_{43}	2001 11 26.2	04 08.22	+05 40.8	18.1	−0.86	− 0.7	4.9/24.2	17020
2000 QP_{45}	2001 11 26.2	04 08.40	+26 45.2	18.5	−1.06	− 3.0	1.9/27.2	4614
1999 JO_{69}	2001 11 26.2	04 08.41	+07 33.2	17.6	−0.89	− 2.8	5.0/24.2	16993
1999 HH_3	2001 11 26.3	04 08.35	+00 35.5	17.4	−0.92	− 4.3	7.6/22.6	18205
2001 QY_{78}	2001 11 26.3	04 08.44	+19 53.4	16.9	−1.25	− 4.7	11.8/17.0	17840
6750 P-L	2001 11 26.3	04 08.50	+24 30.4	18.9	−1.13	− 2.0	1.3/26.8	*34566*
1998 DR_{23}	2001 11 26.3	04 08.55	+20 19.5	19.4	−0.90	− 2.8	0.2/26.2	*39189*
2000 QO_{158}	2001 11 26.3	04 08.60	+29 04.4	17.3	−1.03	− 6.4	3.1/27.9	17446
2000 QY_{17}	2001 11 26.3	04 08.70	+16 59.9	18.1	−0.92	− 2.0	1.3/25.8	4604
2000 QP_{74}	2001 11 26.3	04 08.75	+42 18.4	20.2	−1.15	− 2.4	6.0/30.0	13690
1999 FO_{31}	2001 11 26.3	04 08.81	+39 11.0	15.6	−1.32	+ 3.3	8.1/28.1	18202
1999 CT_{97}	2001 11 26.4	04 08.79	+20 39.8	18.2	−1.11	− 1.2	0.1/26.4	9093
1999 CU_{141}	2001 11 26.4	04 08.90	+17 37.0	19.9	−1.09	− 2.5	1.2/25.9	16952
1993 FX_{26}	2001 11 26.4	04 09.00	+24 18.7	17.9	−0.91	− 2.8	1.1/27.0	13537
1993 FL_{20}	2001 11 26.4	04 09.04	+32 56.2	19.0	−0.99	− 1.8	3.7/28.3	4314
2000 ON_{39}	2001 11 26.4	04 09.04	+11 05.0	18.7	−0.98	− 5.2	3.4/24.7	4968
1999 JO_{58}	2001 11 26.4	04 09.05	+18 30.0	16.6	−0.97	− 8.0	0.9/26.0	18207
2000 HX_{53}	2001 11 26.4	04 09.13	+16 28.0	19.7	−1.07	− 4.1	1.7/25.8	3934
1995 UP_{18}	2001 11 26.4	04 09.17	+33 05.0	19.2	−1.01	− 0.9	4.0/28.2	*32518*
1999 BG_6	2001 11 26.4	04 09.25	+01 26.7	17.8	−0.98	− 2.8	7.3/23.4	18191
1999 JJ_{97}	2001 11 26.5	04 09.25	+04 53.4	19.2	−0.84	− 0.6	4.9/24.4	13601
2000 QF_1	2001 11 26.5	04 09.26	+52 07.2	20.3	−1.53	− 1.9	9.4/01.6	6285
2000 RC_{81}	2001 11 26.5	04 09.31	+11 29.0	19.6	−0.90	− 3.6	3.1/25.0	11794
2000 QF_{69}	2001 11 26.5	04 09.36	+15 20.3	19.4	−0.86	− 5.0	1.8/25.5	4621
2001 QO_{78}	2001 11 26.5	04 09.37	+09 02.3	17.1	−1.05	− 3.9	5.7/24.8	17840
1998 HT_{15}	2001 11 26.5	04 09.43	+07 28.7	19.5	−0.77	− 3.1	3.7/24.3	13563
1999 HV_{10}	2001 11 26.5	04 09.45	+19 16.6	19.5	−0.85	− 4.8	0.5/26.2	7479
3166 T-1	2001 11 26.5	04 09.45	+02 59.0	17.9	−0.92	− 5.1	6.2/23.4	18512
1992 EG_{16}	2001 11 26.5	04 09.51	+18 26.2	16.2	−0.89	− 2.7	1.0/26.2	*28847*
1999 EQ_{11}	2001 11 26.5	04 09.52	+34 50.9	18.7	−1.59	+ 6.8	5.6/27.0	18200
2000 QN_{119}	2001 11 26.5	04 09.64	+33 40.3	18.1	−0.94	− 2.9	3.6/28.7	18287
1981 EZ_{31}	2001 11 26.5	04 09.70	+28 12.2	20.6	−0.91	− 3.8	2.1/27.8	*26921*
2000 HQ_{50}	2001 11 26.5	04 09.74	+19 33.8	18.6	−1.16	− 3.0	0.6/26.4	1632
2000 QL_{161}	2001 11 26.6	04 09.67	+10 03.7	20.2	−0.81	− 3.3	3.2/24.9	4673
1990 VM_4	2001 11 26.6	04 09.67	+08 41.0	17.7	−0.98	− 3.5	5.6/24.7	18132
1998 FP_{34}	2001 11 26.6	04 09.72	−07 41.9	20.0	−0.74	− 3.6	7.0/21.2	16796
2000 LY_{36}	2001 11 26.6	04 09.74	−04 03.1	18.2	−0.94	− 2.5	9.3/23.0	18281
2000 KT_{30}	2001 11 26.6	04 09.76	+24 04.4	18.2	−1.05	− 5.7	1.1/27.2	3937
2000 NT_{25}	2001 11 26.6	04 09.82	+24 33.2	18.3	−1.02	− 2.3	1.2/27.2	18282
2000 OU_4	2001 11 26.6	04 09.89	+08 14.7	18.5	−0.81	− 2.9	4.0/24.6	18283
1998 FK_{113}	2001 11 26.6	04 09.90	+23 57.9	17.9	−0.90	− 4.1	0.9/27.0	13562
2000 JD_{24}	2001 11 26.6	04 10.16	+28 43.2	18.6	−1.21	− 3.6	2.8/27.9	10959
1998 RZ_4	2001 11 26.7	04 10.06	−17 50.9	17.6	−1.09	− 7.3	17.5/17.0	18167
1994 BE_4	2001 11 26.7	04 10.08	+01 42.8	18.4	−0.90	− 1.1	6.0/24.0	18137
1994 CH_{17}	2001 11 26.7	04 10.21	+17 36.0	17.2	−1.00	− 0.5	1.3/26.3	18137
1998 DK_2	2001 11 26.7	04 10.27	+05 16.9	18.2	−0.87	+ 0.6	5.1/24.9	6203
2000 PX_1	2001 11 26.7	04 10.30	+06 28.5	18.7	−0.82	− 1.0	4.7/24.7	4974
2000 SH_{16}	2001 11 26.7	04 10.33	+29 23.8	17.9	−0.78	− 2.9	2.4/28.1	17457
1998 GZ_7	2001 11 26.7	04 10.42	−07 50.0	18.0	−0.80	+ 0.3	8.2/22.8	18162
1999 JA_{47}	2001 11 26.7	04 10.45	+19 58.2	17.9	−0.91	− 1.6	0.3/26.6	18207
2000 QC_{55}	2001 11 26.7	04 10.45	+44 22.3	18.8	−1.29	− 1.2	8.1/30.1	18286
2000 JP_{37}	2001 11 26.7	04 10.58	+22 50.0	16.3	−1.06	− 5.5	0.8/27.1	17376
2000 RZ_{13}	2001 11 26.8	04 10.57	−05 58.5	17.5	−0.77	− 5.4	8.6/21.2	18289
1995 ST_{48}	2001 11 26.8	04 10.85	+19 06.9	19.4	−0.88	− 1.9	0.6/26.6	6191
1997 XB	2001 11 26.8	04 11.00	+11 55.4	17.9	−1.03	+ 0.9	3.7/25.9	18156
1016 T-2	2001 11 26.8	04 11.00	+28 21.4	17.5	−1.03	− 1.8	2.6/27.9	18513
2000 FX_{44}	2001 11 26.9	04 10.94	+22 03.1	16.6	−1.32	+ 0.3	11.6/17.0	18248
1996 TG_8	2001 11 26.9	04 11.00	+05 31.4	18.1	−0.88	− 4.8	6.0/24.2	16741
1999 DT_7	2001 11 26.9	04 11.04	+10 09.2	18.2	−1.03	− 1.1	4.4/25.5	10343
1999 JR_{93}	2001 11 26.9	04 11.13	+10 29.7	17.5	−0.92	+ 1.3	3.8/25.8	16997
2000 QA_{13}	2001 11 26.9	04 11.29	+23 18.3	18.0	−0.96	− 2.0	0.8/27.3	18286
1997 XV_7	2001 11 26.9	04 11.36	+36 36.9	16.0	−1.06	− 7.0	6.6/30.2	18156
1981 EE_{17}	2001 11 27.0	04 11.46	−24 33.0	18.9	−1.14	− 6.7	19.0/14.6	2612
1999 CN_{102}	2001 11 27.0	04 11.49	+27 41.4	17.2	−1.17	− 4.7	3.0/28.1	18198
1999 AS_{31}	2001 11 27.0	04 11.54	+29 15.8	18.1	−1.11	− 2.9	2.8/28.3	18191
1997 QE	2001 11 27.0	04 11.56	+10 53.3	19.2	−1.09	− 2.9	4.0/25.7	1421
2000 JW_{73}	2001 11 27.0	04 11.60	+19 14.2	19.3	−1.19	− 0.5	0.8/26.8	2534
2000 LX_{31}	2001 11 27.0	04 11.63	+16 57.5	19.2	−1.06	− 2.5	1.4/26.5	4956
2001 OA_{63}	2001 11 27.0	04 11.68	+28 40.5	16.1	−1.17	− 3.2	3.7/28.2	18340
1997 YH_{16}	2001 11 27.0	04 11.73	+21 00.1	17.4	−1.01	− 1.2	0.0/27.1	16784
1997 MV_1	2001 11 27.0	04 11.77	+12 52.3	21.6	−1.13	− 4.3	3.3/25.9	*30788*
2000 ND_{19}	2001 11 27.0	04 11.77	+17 15.6	18.4	−0.98	− 1.8	1.4/26.6	4960
1999 JY_7	2001 11 27.0	04 11.80	+24 01.0	19.7	−0.88	− 2.3	0.8/27.5	13594
1999 JT_{23}	2001 11 27.1	04 11.89	+18 03.5	16.9	−0.93	− 4.2	1.1/26.6	18206
3340 T-2	2001 11 27.1	04 12.00	+09 42.9	18.8	−1.08	− 2.6	4.3/25.6	1391
1998 FA_{52}	2001 11 27.1	04 12.07	+18 22.4	19.6	−0.83	− 1.7	0.8/26.8	13560
1995 SA_{81}	2001 11 27.1	04 12.19	+29 16.1	18.5	−0.98	− 0.6	2.5/28.3	18141
2000 QS_{57}	2001 11 27.1	04 12.25	+26 49.9	17.9	−1.10	− 1.5	2.2/27.9	18286
2000 JJ_{10}	2001 11 27.2	04 12.19	+24 27.0	16.8	−1.87	+17.6	1.8/27.0	18268
2647 P-L	2001 11 27.2	04 12.30	+23 24.4	16.8	−1.05	− 1.9	1.1/27.5	18511
2000 LV_{10}	2001 11 27.2	04 12.31	+00 35.9	19.4	−0.93	− 1.4	7.6/24.6	8209
2000 GH_{134}	2001 11 27.2	04 12.42	+05 16.0	20.3	−1.00	− 1.5	5.3/25.2	10606
2000 OG_{58}	2001 11 27.2	04 12.47	+35 24.0	18.0	−1.04	− 2.3	5.0/29.5	18284
2001 QN_{99}	2001 11 27.2	04 12.60	+21 41.2	15.7	−0.98	−10.0	0.2/27.4	17860
1999 KH_{14}	2001 11 27.2	04 12.70	+17 02.0	18.4	−0.97	− 0.5	1.4/26.8	16040
1999 CS_4	2001 11 27.3	04 12.66	+18 21.4	16.0	−1.01	− 3.6	1.3/26.9	18194
1999 JD_{96}	2001 11 27.3	04 12.68	−02 47.2	19.3	−0.80	− 2.1	7.2/23.7	13600
1999 BT_3	2001 11 27.3	04 12.69	+12 44.2	18.9	−1.08	− 2.8	3.5/26.1	16909
2000 QR_{162}	2001 11 27.3	04 12.76	+07 43.8	19.5	−0.83	− 3.7	4.3/25.1	6308
1995 SV_{66}	2001 11 27.3	04 12.87	+19 46.2	18.6	−0.89	− 2.3	0.5/27.1	16730
1998 DQ_{21}	2001 11 27.3	04 12.87	+23 57.9	18.2	−0.95	− 1.8	1.0/27.7	18159
1999 CE_{149}	2001 11 27.3	04 12.89	+19 26.1	19.1	−1.00	− 2.8	0.6/27.1	3904
2000 OK_{60}	2001 11 27.3	04 12.92	+24 47.8	19.7	−0.99	− 2.6	1.1/27.9	13676
2000 JP_{26}	2001 11 27.3	04 12.93	+26 53.4	16.7	−1.14	− 7.1	2.4/28.4	17369
2000 HT_{52}	2001 11 27.3	04 12.93	+22 17.8	19.1	−1.15	− 1.4	0.4/27.5	5752
2087 P-L	2001 11 27.4	04 13.06	+10 39.5	18.4	−0.85	− 5.1	3.5/25.6	18098
2000 SD_{190}	2001 11 27.4	04 13.06	+04 06.3	18.5	−0.80	− 1.7	5.3/24.9	18293
1999 CH	2001 11 27.4	04 13.18	+27 46.4	16.3	−1.23	+ 1.2	3.1/28.1	16919

2000 QR_{79}	2001 11 27.4	04 13.19	+41 35.8	17.5	−1.24	− 1.3	6.9/30.1	13692
2000 QR_{13}	2001 11 27.4	04 13.24	+12 16.9	18.5	−0.83	− 2.0	2.8/26.2	4983
2000 GO_{75}	2001 11 27.4	04 13.56	+24 24.8	18.1	−1.24	− 0.9	1.3/27.9	1603
2000 KF_{9}	2001 11 27.4	04 13.56	+17 14.9	17.5	−1.08	− 2.8	1.7/27.0	18275
2000 HT_{54}	2001 11 27.5	04 13.50	+16 14.7	17.4	−1.06	− 5.5	2.1/26.7	18264
1999 CU_{128}	2001 11 27.5	04 13.53	+05 31.1	18.7	−0.99	+ 0.8	5.3/25.8	2023
2000 QK_{149}	2001 11 27.5	04 13.56	+37 59.8	19.2	−1.02	− 1.2	4.8/29.9	13706
4899 P-L	2001 11 27.5	04 13.65	+15 40.5	20.0	−0.96	− 2.8	2.0/26.7	*34266*
2000 OK_{23}	2001 11 27.6	04 13.96	+27 39.9	18.2	−1.06	− 3.5	2.2/28.6	6278
2000 HS_{99}	2001 11 27.6	04 14.02	+10 30.6	16.2	−1.05	+ 0.3	4.9/26.5	17358
2000 NN_{4}	2001 11 27.6	04 14.03	+15 00.0	20.3	−0.97	− 2.6	2.1/26.7	3633
2000 QO_{53}	2001 11 27.6	04 14.05	+13 08.0	18.6	−0.98	− 1.7	2.7/26.6	6291
2000 LU_{15}	2001 11 27.6	04 14.13	+12 14.3	19.9	−1.05	− 3.6	3.5/26.3	17425
2252 T-2	2001 11 27.6	04 14.18	+35 06.2	17.2	−1.13	− 0.9	5.5/29.6	*19329*
2000 QO_{35}	2001 11 27.6	04 14.19	+25 47.7	17.7	−0.98	− 5.3	1.7/28.4	18286
2000 QX_{163}	2001 11 27.6	04 14.19	−01 56.6	19.0	−0.80	− 3.8	7.6/23.7	15088
1992 RG_{3}	2001 11 27.6	04 14.34	+00 53.0	19.0	−0.95	− 2.6	6.9/24.9	2616
3277 T-2	2001 11 27.6	04 14.35	+27 01.8	18.3	−1.25	− 0.7	2.4/28.4	18513
1999 FP_{31}	2001 11 27.6	04 14.41	+16 59.5	18.6	−1.09	− 3.2	1.6/27.1	5523
2000 KF_{4}	2001 11 27.7	04 14.35	+21 21.7	19.3	−1.16	− 0.5	0.1/27.7	3936
1998 FA_{118}	2001 11 27.7	04 14.36	+22 55.4	18.9	−0.85	− 3.2	0.5/28.0	10849
2000 JE_{19}	2001 11 27.7	04 14.49	−05 06.2	18.5	−0.98	− 0.2	9.4/24.9	18269
1999 GJ_{7}	2001 11 27.7	04 14.52	+02 14.8	20.1	−0.88	− 2.4	5.4/24.9	13592
2000 QW_{151}	2001 11 27.7	04 14.57	+21 21.5	19.3	−0.86	− 2.9	0.0/27.8	6308
2000 GJ_{126}	2001 11 27.7	04 14.58	+09 48.0	17.8	−1.08	− 1.9	4.5/26.3	18257
2000 QX_{208}	2001 11 27.7	04 14.67	+21 44.8	18.4	−0.93	− 3.5	0.2/27.8	4697
1998 DS_{20}	2001 11 27.7	04 14.79	+01 20.5	20.2	−0.75	− 2.8	5.2/24.6	4904
2000 QL_{159}	2001 11 27.7	04 14.82	+12 26.8	17.6	−0.84	− 5.0	3.1/26.3	18288
2000 GX_{81}	2001 11 27.7	04 14.84	−04 04.4	18.6	−1.15	−12.3	11.6/21.8	1604
1999 JR_{88}	2001 11 27.8	04 14.76	+17 05.9	19.3	−0.92	+ 0.5	1.2/27.3	10347
2000 NX_{19}	2001 11 27.8	04 14.89	+18 53.8	18.8	−1.00	− 3.1	0.8/27.5	3648
2000 ND_{7}	2001 11 27.8	04 14.90	+22 46.2	18.6	−0.90	− 4.3	0.6/28.1	10960
1999 JL_{42}	2001 11 27.8	04 14.91	+20 57.5	18.0	−0.96	− 1.4	0.1/27.8	18207
2000 QG_{219}	2001 11 27.8	04 14.99	+21 38.3	20.1	−0.91	− 2.1	0.1/27.9	5895
1997 BR_{4}	2001 11 27.8	04 14.99	−05 51.6	19.6	−0.78	− 0.1	8.4/24.4	15581
2000 QH_{163}	2001 11 27.8	04 15.02	+25 11.4	20.0	−1.07	− 4.7	1.3/28.5	11790
4329 T-3	2001 11 27.8	04 15.02	+13 58.2	19.2	−0.91	− 1.7	2.2/26.9	4875
2000 QB_{155}	2001 11 27.8	04 15.04	−00 39.7	19.3	−0.89	− 4.7	7.3/24.0	13707
2000 NV_{1}	2001 11 27.8	04 15.07	+02 36.9	19.6	−0.92	− 0.4	6.0/25.7	4957
1999 CA_{10}	2001 11 27.8	04 15.08	+16 46.6	18.8	−1.09	− 2.1	1.8/27.3	*34602*
2000 QM_{246}	2001 11 27.8	04 15.20	+18 04.2	21.9	−0.85	− 1.8	0.9/27.4	11792
1995 OW_{3}	2001 11 27.8	04 15.25	+20 39.8	19.6	−0.92	− 2.4	0.2/27.8	15571
2000 RF_{68}	2001 11 27.8	04 15.28	+54 12.1	17.5	−1.30	− 2.0	11.1/04.2	10974
1995 DS_{8}	2001 11 27.9	04 15.18	+24 47.6	17.8	−1.13	− 2.1	1.5/28.4	18139
2000 JF_{63}	2001 11 27.9	04 15.19	+25 34.1	17.6	−1.16	− 2.6	1.9/28.5	18273
2000 SE_{132}	2001 11 27.9	04 15.26	+41 05.4	18.6	−1.00	− 3.6	5.3/01.3	13758
4874 T-1	2001 11 27.9	04 15.42	+22 15.8	19.8	−0.91	− 1.6	0.3/28.1	18112
2000 SJ_{320}	2001 11 27.9	04 15.47	+07 30.8	19.7	−0.82	− 3.2	4.3/25.8	17464
1069 T-2	2001 11 27.9	04 15.48	+19 09.6	19.4	−1.12	− 3.7	0.8/27.7	1666
2000 QA_{38}	2001 11 27.9	04 15.66	+19 49.7	19.1	−0.99	− 2.4	0.5/27.8	4612
1993 KM_{1}	2001 11 28.0	04 15.69	+14 11.3	20.6	−0.82	− 2.5	2.1/27.0	16709
2000 QA_{76}	2001 11 28.0	04 15.85	+09 01.9	20.2	−0.98	− 3.3	4.0/26.2	17444
2000 GQ_{4}	2001 11 28.0	04 15.88	+26 53.3	17.1	−1.88	+14.0	2.9/27.9	1591
1999 JB_{96}	2001 11 28.0	04 16.03	+02 20.2	20.2	−0.77	− 0.6	4.7/25.7	5571
1999 FY_{24}	2001 11 28.0	04 16.14	+35 44.3	18.4	−1.16	0.0	4.6/29.8	9722
1996 PD_{1}	2001 11 28.1	04 16.09	+23 38.1	18.3	−1.03	− 2.9	0.9/28.4	3146
1999 JP_{10}	2001 11 28.1	04 16.26	+03 21.6	19.6	−0.88	− 2.7	5.8/25.4	13594
1999 JO_{91}	2001 11 28.1	04 16.31	+05 37.3	18.9	−0.79	− 1.6	4.3/26.0	13600
2000 OV_{44}	2001 11 28.1	04 16.34	+37 21.7	17.1	−1.12	− 3.7	5.1/30.7	18284
1999 CP	2001 11 28.1	04 16.42	−10 13.7	19.5	−0.91	− 0.6	8.6/23.8	4427
2000 HU_{23}	2001 11 28.1	04 16.43	+17 24.9	16.0	−1.18	+ 6.1	1.8/28.0	17326
2000 QR_{11}	2001 11 28.1	04 16.46	+39 18.0	18.3	−1.21	− 2.9	6.6/30.9	18286
1999 CJ_{48}	2001 11 28.1	04 16.54	+17 56.9	18.2	−1.08	− 2.1	1.2/27.8	6824
2000 QE_{188}	2001 11 28.2	04 16.58	+04 25.5	17.7	−0.87	+ 0.4	5.8/26.2	17450
1999 KH_{3}	2001 11 28.2	04 16.61	+18 28.4	19.9	−0.84	− 2.0	0.8/27.8	13602
2001 SB_{108}	2001 11 28.2	04 16.64	+19 23.3	15.7	−0.87	−13.0	0.9/27.8	18095
1998 HM_{34}	2001 11 28.2	04 16.66	+07 06.7	18.7	−0.79	− 3.2	4.4/26.0	18163
2000 PU_{10}	2001 11 28.2	04 16.70	+27 07.2	18.2	−0.99	+ 0.5	1.8/28.9	18285
1999 GF_{5}	2001 11 28.2	04 16.70	−04 38.5	17.9	−1.27	+ 6.5	11.4/26.7	6225
1999 JQ_{21}	2001 11 28.2	04 16.84	+12 25.9	17.8	−0.84	− 7.0	2.6/26.6	8420
2000 QM_{154}	2001 11 28.2	04 16.85	+20 25.5	18.0	−0.93	− 4.6	0.3/28.1	16088
2000 OS_{31}	2001 11 28.2	04 16.97	+02 17.8	18.0	−0.88	− 2.8	6.2/25.6	18284
2000 QA_{33}	2001 11 28.2	04 16.98	+32 06.6	19.4	−1.02	+ 0.1	3.3/29.6	15088
1981 EQ_{17}	2001 11 28.3	04 16.98	+20 19.2	18.0	−1.09	− 3.5	0.4/28.2	*35677*
1996 VG_{7}	2001 11 28.3	04 17.02	+03 03.7	16.7	−0.83	−11.4	7.9/23.9	18146
2000 QO_{82}	2001 11 28.3	04 17.06	+24 34.8	18.4	−0.90	− 2.5	1.0/28.8	18287
3837 T-3	2001 11 28.3	04 17.11	+28 14.1	19.4	−1.04	− 0.3	2.3/29.2	4874
2000 OT_{2}	2001 11 28.3	04 17.18	+06 42.1	17.6	−0.90	+ 1.7	4.8/27.0	18283
1999 LP_{30}	2001 11 28.3	04 17.19	+18 26.5	17.7	−0.97	− 1.1	1.1/28.0	18210
2000 QS_{75}	2001 11 28.3	04 17.34	−09 05.3	19.8	−0.77	− 1.8	8.5/23.8	13691
2000 PP_{17}	2001 11 28.3	04 17.40	+22 52.9	18.4	−0.95	− 1.5	0.5/28.6	18285
1999 CS_{103}	2001 11 28.4	04 17.33	+11 32.1	17.9	−1.06	− 4.2	4.0/26.9	18198
1351 T-2	2001 11 28.4	04 17.37	+24 06.2	18.9	−0.97	− 2.4	0.9/28.8	13875
1981 EB_{3}	2001 11 28.4	04 17.52	+17 41.6	19.2	−0.86	− 4.5	1.1/27.8	*30779*
1999 CE_{35}	2001 11 28.4	04 17.55	+16 11.5	19.0	−1.13	− 1.0	2.0/27.8	9722
2000 LF_{12}	2001 11 28.4	04 17.57	+20 48.8	17.2	−1.06	− 7.4	0.2/28.3	18280
2000 PB_{22}	2001 11 28.4	04 17.64	+39 08.8	18.6	−1.05	− 1.1	4.9/01.1	18285
2000 NZ_{13}	2001 11 28.4	04 17.67	+32 56.2	18.6	−0.99	− 3.5	3.8/30.3	6275
2000 PT_{12}	2001 11 28.4	04 17.72	+23 56.5	18.7	−0.91	− 4.9	0.9/28.9	5828
2000 QY_{192}	2001 11 28.4	04 17.75	+10 42.6	17.6	−0.87	− 0.2	3.5/27.2	13712
1992 ED_{9}	2001 11 28.5	04 17.76	+17 16.5	17.4	−1.12	+ 0.1	1.8/28.1	*33933*
2000 RP_{26}	2001 11 28.5	04 17.83	+35 41.2	18.4	−1.11	− 3.6	4.3/30.7	13723
1997 XP_{2}	2001 11 28.5	04 17.88	+20 56.5	16.4	−0.87	− 6.2	0.2/28.5	18156
2000 HO_{89}	2001 11 28.5	04 17.95	+17 28.7	18.0	−1.09	− 2.8	1.7/28.0	18267
2000 KL_{40}	2001 11 28.5	04 18.04	−12 58.1	16.5	−1.38	+ 8.6	16.7/27.7	4570
1999 JB_{45}	2001 11 28.5	04 18.11	+19 10.5	18.3	−0.95	− 3.2	0.8/28.2	4936
2000 OG_{16}	2001 11 28.5	04 18.15	+19 01.6	17.9	−0.89	− 1.5	0.7/28.3	18283
2000 LN_{31}	2001 11 28.5	04 18.29	+27 42.8	16.8	−1.23	− 0.5	3.2/29.3	18281
1996 KS_{4}	2001 11 28.6	04 18.19	+17 02.6	19.6	−1.06	− 1.8	1.6/28.1	4333
2000 SC_{94}	2001 11 28.6	04 18.26	+08 15.2	18.9	−0.82	− 4.5	3.7/26.4	13752
1998 CU	2001 11 28.6	04 18.29	+37 40.1	18.6	−1.16	− 4.6	6.0/01.2	*31594*
1995 QN_{14}	2001 11 28.6	04 18.33	+10 15.0	20.0	−0.82	− 4.0	3.7/26.8	15011

1999 DC_2	2001 11 28.6	04 18.37	−14 26.7	18.8	−0.97	− 2.6	12.0/22.2	4927
2000 RR_1	2001 11 28.6	04 18.54	+29 12.0	19.1	−1.01	− 5.0	2.5/30.0	13719
2000 NS_{24}	2001 11 28.6	04 18.66	+17 12.4	19.5	−0.96	− 1.9	1.3/28.1	5790
2001 QG_{297}	2001 11 28.6	04 18.67	−04 07.0	15.9	−0.90	+ 0.3	11.7/25.8	18006
2000 KX_{62}	2001 11 28.7	04 18.86	+09 51.7	19.4	−1.05	− 3.6	4.2/27.1	18278
1998 FX_{118}	2001 11 28.7	04 18.87	+31 51.3	17.6	−0.98	− 1.6	3.5/30.2	18161
2001 OZ_{62}	2001 11 28.7	04 18.91	+46 50.8	16.0	−1.42	+ 2.9	12.1/02.0	17666
1994 PZ_{17}	2001 11 28.7	04 18.94	+35 47.6	18.1	−0.95	− 2.3	4.2/30.9	18137
1997 XP_7	2001 11 28.7	04 19.00	+23 42.0	17.7	−1.29	+ 6.5	1.1/28.9	6763
1999 JA_{102}	2001 11 28.7	04 19.11	+14 22.2	19.9	−0.91	− 1.9	2.1/27.9	6236
1999 JH_{71}	2001 11 28.8	04 19.07	+14 56.6	18.6	−1.04	− 0.4	2.4/28.1	13599
1996 HG_{26}	2001 11 28.8	04 19.13	+12 33.6	17.5	−1.03	− 5.8	3.9/27.3	18144
2000 JD_{73}	2001 11 28.8	04 19.17	+07 59.7	18.3	−1.03	+ 0.3	5.3/27.5	2782
2000 PB_2	2001 11 28.8	04 19.26	+23 12.3	17.7	−0.93	− 1.5	0.6/29.1	18285
2000 RD_{80}	2001 11 28.8	04 19.40	+32 57.8	18.5	−0.99	− 4.4	3.6/30.8	13732
1999 GN_1	2001 11 28.8	04 19.45	+04 25.4	18.5	−0.89	− 3.6	5.4/26.2	4437
1999 CP_{29}	2001 11 28.8	04 19.46	+26 41.3	18.4	−1.17	− 3.2	2.3/29.6	16926
1997 TF_{17}	2001 11 28.8	04 19.53	+10 34.7	17.4	−1.09	− 1.3	4.5/27.7	18152
1999 CL_{42}	2001 11 28.8	04 19.54	+33 04.2	20.2	−1.20	− 2.2	4.2/30.4	*34603*
1992 EZ_{19}	2001 11 28.9	04 19.48	−12 35.9	19.6	−0.98	− 1.1	11.5/24.2	4311
2000 MC_3	2001 11 28.9	04 19.57	+16 15.9	16.9	−1.02	− 1.4	2.3/28.3	18281
2000 QA_{82}	2001 11 28.9	04 19.76	+34 55.0	18.0	−1.01	− 1.3	4.4/30.7	13692
1998 FK_{43}	2001 11 28.9	04 19.82	+19 03.3	19.1	−0.94	− 2.8	0.8/28.6	16797
1993 FC_{42}	2001 11 28.9	04 19.83	+33 25.8	17.9	−1.01	− 0.7	3.6/30.5	18135
1998 HC_{101}	2001 11 28.9	04 19.86	+22 53.5	17.8	−0.94	− 1.8	0.5/29.2	18163
1308 T-2	2001 11 28.9	04 19.92	+16 50.0	18.4	−0.95	− 2.2	1.7/28.4	6439
2000 LW_{26}	2001 11 28.9	04 19.99	+19 15.8	19.8	−1.18	− 0.5	0.8/28.8	3940
2000 GV_{143}	2001 11 29.0	04 19.93	+08 00.3	16.8	−1.13	+ 1.7	5.9/28.0	1617
2001 QZ_{295}	2001 11 29.0	04 20.14	+04 25.5	16.3	−0.94	− 0.6	7.2/27.1	18004
1979 MB_5	2001 11 29.0	04 20.25	+17 29.7	17.7	−1.01	− 3.3	1.5/28.5	18129
2000 SE_{37}	2001 11 29.0	04 20.27	+18 42.2	19.5	−0.84	− 1.6	0.8/28.7	16089
2000 OQ_{30}	2001 11 29.0	04 20.29	+12 10.8	19.0	−1.05	− 3.8	3.4/27.7	4582
1998 BK_{42}	2001 11 29.0	04 20.34	+12 11.7	16.8	−1.16	+ 7.3	4.4/28.8	16788
2000 QS_{64}	2001 11 29.0	04 20.34	+41 07.2	18.5	−1.08	+ 0.2	5.5/01.6	18286
2000 FL_{15}	2001 11 29.0	04 20.36	−12 44.5	18.1	−1.16	−15.7	17.4/18.6	18246
2000 JU_{69}	2001 11 29.1	04 20.46	−00 32.6	20.1	−0.96	− 0.5	7.3/26.8	3936
2000 LE_3	2001 11 29.1	04 20.49	+40 16.9	19.2	−1.09	− 7.3	4.7/03.0	7522
2000 LX_{20}	2001 11 29.1	04 20.54	+22 46.1	18.1	−0.90	− 6.7	0.4/29.4	4954
1999 JV_7	2001 11 29.1	04 20.63	+21 27.6	18.0	−0.97	− 6.3	0.0/29.2	18206
1998 YP_1	2001 11 29.1	04 20.69	+12 28.5	17.5	−1.12	− 1.1	3.7/28.1	18187
1981 UW_{22}	2001 11 29.2	04 20.84	+15 10.5	17.5	−1.22	− 0.2	2.8/28.6	1405
2000 GQ_{161}	2001 11 29.2	04 20.87	+12 56.3	17.7	−1.13	+ 0.2	3.5/28.4	18259
1999 FF_{10}	2001 11 29.2	04 20.88	+41 07.1	18.2	−1.24	− 1.0	6.4/01.8	18201
2000 PY_{19}	2001 11 29.2	04 20.95	+35 05.6	19.3	−1.09	− 2.0	4.5/01.1	4977
1999 CP_{53}	2001 11 29.2	04 20.96	+19 46.7	16.5	−1.08	0.0	0.9/29.1	18196
1997 SJ_{34}	2001 11 29.2	04 21.14	+23 38.2	18.5	−1.11	− 2.1	0.9/29.5	12119
2000 NA_{17}	2001 11 29.2	04 21.17	+16 49.1	19.6	−0.96	− 1.0	1.4/28.7	3946
1999 BH	2001 11 29.2	04 21.23	+22 50.0	18.1	−1.18	− 1.1	0.7/29.4	4426
2000 HJ_{44}	2001 11 29.2	04 21.27	+23 24.8	16.9	−1.27	+ 2.1	0.8/29.5	1630
1997 YQ_5	2001 11 29.3	04 21.19	+11 23.5	16.5	−0.93	+ 1.8	5.0/28.4	18156
6621 P-L	2001 11 29.3	04 21.21	+03 29.7	19.0	−0.88	− 2.6	5.6/26.8	7667

1981 EY_{28}	2001 11 29.3	04 21.22	+46 24.1	17.5	−1.30	− 3.1	10.0/03.7	18129
1998 BW_{12}	2001 11 29.3	04 21.25	+37 48.4	19.0	−1.11	− 3.9	5.1/01.8	6201
2000 NB_{17}	2001 11 29.3	04 21.28	+22 52.1	18.0	−1.02	− 1.2	0.5/29.5	18282
1999 EM	2001 11 29.3	04 21.30	+24 49.0	19.3	−1.14	− 2.8	1.3/29.8	3306
1991 JK_1	2001 11 29.3	04 21.32	+11 15.4	18.5	−1.02	+ 1.4	3.2/28.4	3866
1978 UX_4	2001 11 29.3	04 21.33	+32 28.4	18.3	−1.20	− 1.7	4.1/30.7	1858
2000 QT_{183}	2001 11 29.3	04 21.33	+21 57.5	18.4	−1.01	− 1.5	0.2/29.4	9803
2001 QM_{179}	2001 11 29.3	04 21.34	+09 55.0	16.6	−1.03	− 2.4	5.4/27.8	17933
1999 JZ_{125}	2001 11 29.3	04 21.37	+29 30.1	20.3	−0.94	− 1.4	2.1/30.4	10883
1978 VK_7	2001 11 29.3	04 21.37	+20 48.4	18.4	−1.06	− 3.0	0.3/29.2	9662
1998 EE_6	2001 11 29.3	04 21.38	+20 13.6	16.3	−0.92	− 5.6	0.6/29.1	18159
1998 HD_3	2001 11 29.3	04 21.39	+25 40.8	18.9	−0.91	− 0.7	1.3/29.8	13563
1997 RP_1	2001 11 29.3	04 21.49	+27 40.0	17.4	−1.17	− 2.7	2.9/30.2	18150
1999 CU_{49}	2001 11 29.3	04 21.50	+10 59.6	18.8	−1.08	+ 2.3	3.8/28.6	5515
2000 OH_{37}	2001 11 29.3	04 21.65	+10 13.2	17.6	−0.85	− 3.8	3.8/27.7	18284
2000 SJ_{182}	2001 11 29.3	04 21.65	+49 40.8	19.0	−1.27	+ 0.5	7.8/03.2	10985
1994 CL_2	2001 11 29.3	04 21.66	+15 23.0	16.6	−0.98	− 0.8	2.7/28.7	18137
1999 DH_2	2001 11 29.3	04 21.67	+13 23.7	16.2	−1.07	+ 1.1	4.0/28.6	18199
2000 SL_{15}	2001 11 29.4	04 21.67	+09 41.6	19.7	−0.79	− 4.4	3.2/27.5	13739
2000 LP	2001 11 29.4	04 21.72	+24 58.0	20.2	−1.25	− 0.3	1.4/29.8	3938
2000 QS_{137}	2001 11 29.4	04 21.75	+26 47.3	19.0	−0.91	− 1.2	1.5/30.1	13704
2000 QV_{174}	2001 11 29.4	04 21.79	+07 27.0	19.0	−0.82	− 3.9	4.6/27.2	18288
2000 RK_{99}	2001 11 29.4	04 21.80	+17 29.9	17.2	−0.73	− 5.7	1.2/28.7	13736
1999 NB_{23}	2001 11 29.4	04 21.81	+25 04.9	19.2	−0.92	− 3.1	1.0/30.0	10885
2000 ST_8	2001 11 29.4	04 21.81	+38 54.7	19.1	−0.99	− 1.0	4.4/01.8	18291
2000 LU_{14}	2001 11 29.4	04 21.85	+28 47.2	17.2	−1.06	− 6.3	2.4/30.7	17424
1998 RJ_4	2001 11 29.4	04 21.87	−15 26.4	18.8	−1.11	− 6.1	16.8/22.4	621
1999 CF_{14}	2001 11 29.4	04 22.11	−04 33.1	19.2	−0.90	− 3.4	8.0/25.3	13589
1999 JU_{108}	2001 11 29.5	04 22.08	+17 10.8	19.2	−1.04	− 1.7	1.6/29.0	15048
1979 MG_5	2001 11 29.5	04 22.15	+20 36.6	18.4	−1.12	− 4.0	0.4/29.4	2612
1992 UZ_7	2001 11 29.5	04 22.16	+18 59.8	17.7	−1.00	− 2.2	1.0/29.2	18134
2000 QN_{202}	2001 11 29.5	04 22.17	+35 47.5	20.5	−1.15	− 1.6	4.2/01.4	13713
1999 JL_{79}	2001 11 29.5	04 22.18	+17 47.5	19.1	−0.91	− 3.8	1.1/29.0	15048
1999 AF_{34}	2001 11 29.5	04 22.20	+26 49.2	16.5	−1.17	− 2.1	2.5/30.2	18191
1975 ST_1	2001 11 29.5	04 22.52	+08 01.6	17.6	−0.85	− 3.5	4.5/27.6	18128
1998 FK_{107}	2001 11 29.6	04 22.49	+33 13.6	17.8	−0.97	− 2.6	3.7/01.3	18161
2000 MR_1	2001 11 29.6	04 22.53	+23 53.2	19.4	−1.01	− 2.5	0.8/29.9	18281
1992 EE_6	2001 11 29.6	04 22.54	+10 18.6	17.5	−1.07	− 0.7	4.8/28.4	18133
1991 TN_2	2001 11 29.6	04 22.58	+35 04.1	17.9	−1.11	− 1.5	4.4/01.3	18132
1999 JN_{91}	2001 11 29.6	04 22.60	+10 24.6	17.6	−1.07	+ 2.9	4.4/28.8	18208
2000 HK_{86}	2001 11 29.6	04 22.64	+17 22.1	18.8	−1.15	− 0.2	1.6/29.2	3934
1998 FY_{53}	2001 11 29.6	04 22.69	+23 37.3	18.7	−0.87	− 2.8	0.6/29.9	15029
1999 JV_{54}	2001 11 29.6	04 22.71	+22 09.1	19.8	−0.85	− 1.7	0.2/29.7	6232
1995 BN_{15}	2001 11 29.6	04 22.73	+26 18.8	19.8	−1.15	− 1.9	2.0/30.2	4325
1999 CX_{101}	2001 11 29.6	04 22.90	+26 35.4	18.0	−1.14	− 0.9	1.8/30.2	18198
1990 TS_{10}	2001 11 29.6	04 22.96	+24 38.8	19.0	−1.15	− 3.2	1.4/30.1	*40295*
1981 EO_{11}	2001 11 29.6	04 22.99	+23 19.6	18.5	−1.14	− 3.2	0.7/29.9	3861
1999 JP_{42}	2001 11 29.7	04 22.91	+15 37.7	18.2	−0.83	− 4.5	1.7/28.8	8421
2000 PB_6	2001 11 29.7	04 22.93	−09 03.2	19.4	−0.79	− 3.5	8.4/25.1	4975
1999 JR_{15}	2001 11 29.7	04 23.04	+35 41.3	17.1	−1.35	+ 4.6	5.5/30.5	*35102*
1988 TR_1	2001 11 29.7	04 23.08	+03 23.7	17.0	−0.90	− 5.7	7.6/26.7	16698

2000 RJ$_{76}$	2001 11 29.7	04 23.27	+17 49.9	18.6	−0.92	− 1.5	1.3/29.3	18290
1999 KU$_{13}$	2001 11 29.7	04 23.28	+17 54.7	17.5	−0.96	− 6.8	1.3/29.1	18209
2000 QU$_{157}$	2001 11 29.7	04 23.33	+26 14.7	18.2	−0.90	− 4.3	1.5/30.5	13708
1999 JL$_{23}$	2001 11 29.7	04 23.34	+13 56.0	19.1	−0.88	− 4.0	2.2/28.6	10880
1996 HJ$_{24}$	2001 11 29.8	04 23.37	+16 12.2	17.6	−1.06	− 3.5	2.1/29.1	18144
1999 CO$_{31}$	2001 11 29.8	04 23.39	+19 14.7	17.7	−1.13	− 0.8	0.9/29.6	18195
1992 DM$_{8}$	2001 11 29.8	04 23.50	−00 32.7	18.9	−0.78	− 2.7	6.4/26.4	13535
2000 NS$_{20}$	2001 11 29.8	04 23.52	+04 15.1	18.9	−0.89	− 1.1	5.5/27.7	4960
1999 FW$_{18}$	2001 11 29.8	04 23.57	+18 28.3	18.9	−1.00	− 2.9	1.0/29.4	13591
2000 OU$_{2}$	2001 11 29.8	04 23.65	+27 30.5	19.8	−1.13	− 2.2	2.0/30.6	13669
2000 LU$_{5}$	2001 11 29.8	04 23.70	+25 28.2	19.0	−1.10	− 0.8	1.5/30.3	3938
2000 JE$_{45}$	2001 11 29.8	04 23.74	+21 34.1	19.0	−1.13	− 1.4	0.0/29.9	1351
1997 UD$_{16}$	2001 11 29.8	04 23.74	+24 56.7	18.6	−1.15	− 2.0	1.3/30.3	3168
4297 T-3	2001 11 29.8	04 23.75	+09 06.1	17.0	−1.02	− 3.5	6.0/28.1	18515
1997 AL	2001 11 29.8	04 23.77	+32 42.6	17.6	−0.95	− 3.0	3.5/01.5	4896
1998 RV$_{4}$	2001 11 29.8	04 23.83	−23 36.7	18.3	−1.04	− 2.5	21.9/21.8	18167
2000 OE$_{6}$	2001 11 29.9	04 23.85	+30 23.6	16.8	−1.07	− 5.1	3.0/01.3	18283
2000 NU$_{16}$	2001 11 29.9	04 23.85	+18 40.9	17.8	−1.18	− 1.0	1.2/29.6	4575
2001 QZ$_{78}$	2001 11 29.9	04 23.88	+25 38.1	16.9	−1.11	− 2.1	1.9/30.4	17840
2000 QB$_{156}$	2001 11 29.9	04 23.88	+27 31.3	20.0	−0.92	− 4.0	1.8/30.9	13707
1996 PP$_{9}$	2001 11 29.9	04 24.04	+12 18.2	17.8	−0.97	− 2.2	3.6/28.8	16739
2000 QJ$_{196}$	2001 11 30.0	04 24.24	+06 47.1	20.4	−0.79	− 1.4	4.0/28.2	13204
2000 OR$_{16}$	2001 11 30.0	04 24.34	+21 23.9	19.5	−1.10	− 3.0	0.1/30.0	3677
1999 BS$_{7}$	2001 11 30.0	04 24.43	+24 39.9	18.5	−1.16	− 4.1	1.2/30.5	3278
2000 LC$_{11}$	2001 11 30.0	04 24.44	+03 00.9	18.5	−0.99	− 1.1	6.5/28.0	3939
1998 FZ$_{104}$	2001 11 30.0	04 24.44	+20 45.0	16.5	−0.88	− 5.2	0.3/29.9	18161
1995 OR$_{4}$	2001 11 30.0	04 24.49	+17 44.4	20.4	−0.90	− 1.8	1.3/29.6	3135
1981 EL$_{22}$	2001 11 30.0	04 24.52	+30 20.4	20.9	−1.23	− 1.7	3.6/01.1	*26919*
4654 P-L	2001 11 30.0	04 24.65	+23 27.5	19.3	−1.07	− 2.6	0.6/30.3	2801
1998 EN$_{11}$	2001 11 30.1	04 24.68	−14 15.5	19.6	−0.76	− 1.5	9.0/24.7	6205
1999 JX$_{3}$	2001 11 30.1	04 24.82	+08 13.7	17.0	−0.89	+ 0.6	4.6/28.8	18206
1999 CR$_{110}$	2001 11 30.1	04 24.89	+13 20.1	16.5	−1.03	− 5.3	3.8/28.9	18198
2000 GT$_{179}$	2001 11 30.1	04 24.91	+15 33.3	17.9	−1.19	+ 0.4	2.8/29.6	17315
2000 QN$_{156}$	2001 11 30.1	04 25.06	+00 42.4	19.3	−0.89	− 2.6	6.8/27.4	13707
2000 OA$_{60}$	2001 11 30.1	04 25.06	+20 59.6	19.2	−1.01	− 2.7	0.2/30.1	13676
2000 KN$_{58}$	2001 11 30.2	04 25.16	+07 16.4	19.7	−1.08	+ 0.1	5.6/28.9	3937
1976 SB	2001 11 30.2	04 25.29	+06 27.2	18.1	−0.99	− 2.2	6.1/28.5	18128
2000 LL$_{31}$	2001 11 30.2	04 25.35	+18 50.7	18.7	−1.22	− 0.3	1.1/30.0	18281
2000 RF$_{76}$	2001 11 30.2	04 25.36	+18 27.0	17.5	−0.87	− 1.6	1.2/29.9	17455
1997 AT$_{17}$	2001 11 30.2	04 25.37	+22 19.6	18.4	−0.94	− 1.3	0.2/30.3	15024
1999 BW$_{18}$	2001 11 30.2	04 25.39	+34 25.9	17.6	−1.34	− 2.0	6.0/02.0	16914
1999 AB$_{5}$	2001 11 30.2	04 25.39	+16 38.1	17.6	−1.12	− 0.4	1.9/29.7	18189
2000 SH$_{243}$	2001 11 30.2	04 25.43	+31 54.4	18.5	−0.96	− 0.6	3.0/01.5	10986
2000 QO$_{76}$	2001 11 30.3	04 25.51	+35 00.6	18.4	−1.02	− 2.2	4.2/02.1	13691
2000 SZ$_{60}$	2001 11 30.3	04 25.57	+14 38.4	20.0	−0.80	− 2.0	1.9/29.4	10979
1998 KN$_{14}$	2001 11 30.3	04 25.64	+32 48.1	17.9	−1.13	+ 2.3	4.0/01.2	16828
1999 JW$_{8}$	2001 11 30.3	04 25.74	+16 41.8	18.5	−0.90	+ 0.5	1.5/29.9	9724
1999 JO$_{46}$	2001 11 30.3	04 25.75	+19 13.6	18.5	−0.92	− 1.1	0.8/30.1	18207
1992 RY$_{4}$	2001 11 30.3	04 25.80	+23 45.8	19.2	−1.04	− 2.4	0.7/30.6	3868
2000 QT$_{55}$	2001 11 30.4	04 25.94	+19 53.6	19.2	−0.86	− 1.4	0.5/30.2	13687
2000 SW$_{355}$	2001 11 30.4	04 26.03	+32 11.4	19.4	−1.00	+ 1.0	2.8/01.5	17467
1998 XN$_{11}$	2001 11 30.4	04 26.04	+19 35.5	17.1	−1.22	+ 0.6	0.9/30.2	18184
1999 GL$_{53}$	2001 11 30.4	04 26.08	+40 41.3	18.0	−1.27	− 0.4	6.6/02.5	18205
1998 FD$_{67}$	2001 11 30.4	04 26.11	−00 36.4	18.8	−0.77	− 3.0	6.6/27.1	13561
1978 RB$_{10}$	2001 11 30.4	04 26.14	+30 30.1	18.3	−1.30	− 3.0	4.0/02.0	*33539*
1996 VR$_{39}$	2001 11 30.4	04 26.24	+22 28.3	21.6	−0.94	− 1.8	0.2/30.6	6746
1999 CZ$_{146}$	2001 11 30.4	04 26.24	+23 03.8	18.3	−1.04	− 2.5	0.5/30.6	18199
1999 BR$_{2}$	2001 11 30.4	04 26.25	+21 04.3	17.1	−1.18	+ 1.2	0.3/30.4	18191
1999 GM$_{4}$	2001 11 30.4	04 26.28	+28 54.5	17.6	−1.09	− 0.5	2.6/01.3	18203
1997 SG$_{23}$	2001 11 30.5	04 26.34	+27 35.7	19.2	−1.17	− 1.5	2.2/01.2	16763
1999 NA$_{46}$	2001 11 30.5	04 26.43	−06 10.1	19.1	−0.80	+ 1.1	7.3/27.7	17021
2000 QP$_{38}$	2001 11 30.5	04 26.48	−06 29.3	17.0	−0.80	0.0	10.4/27.0	18286
2000 OU$_{1}$	2001 11 30.5	04 26.48	+28 14.5	19.9	−1.14	− 4.3	2.5/01.5	3659
2000 OP$_{25}$	2001 11 30.5	04 26.52	+18 50.0	18.5	−1.15	− 1.1	1.1/30.2	17437
2000 QA$_{74}$	2001 11 30.5	04 26.53	+29 35.3	19.0	−0.99	− 2.8	2.5/01.6	13690
2000 QQ$_{17}$	2001 11 30.5	04 26.55	+09 53.6	20.1	−0.84	− 1.4	3.5/29.1	13681
2000 SJ$_{14}$	2001 11 30.5	04 26.55	+26 25.1	17.8	−1.00	− 6.0	1.6/01.3	7135
2000 OM$_{37}$	2001 11 30.5	04 26.66	+18 50.7	17.6	−0.96	− 5.6	1.0/30.1	6279
2000 JK$_{50}$	2001 11 30.5	04 26.75	+32 42.6	18.4	−1.27	− 0.3	4.2/02.0	17381
2000 GU$_{126}$	2001 11 30.6	04 26.82	+12 13.2	17.5	−1.05	− 1.2	3.4/29.6	18257
2000 KQ$_{24}$	2001 11 30.6	04 26.95	+20 04.9	19.6	−1.10	− 1.2	0.6/30.5	7037
2000 QK$_{236}$	2001 11 30.6	04 27.14	+30 46.8	19.4	−1.20	− 3.6	3.6/01.9	5897
1993 FV$_{14}$	2001 11 30.6	04 27.18	+10 27.2	16.8	−1.13	− 0.6	4.9/29.6	18134
1999 LJ$_{4}$	2001 11 30.6	04 27.18	−14 38.8	20.2	−0.94	+ 0.9	10.0/26.3	*35737*
1999 GY$_{51}$	2001 11 30.6	04 27.18	+15 31.4	18.0	−1.04	− 5.5	2.5/29.7	18205
1999 JN$_{116}$	2001 11 30.6	04 27.19	+16 48.3	17.9	−1.00	− 5.3	2.1/29.9	18209
2000 RN$_{36}$	2001 11 30.6	04 27.25	+44 56.7	19.3	−1.12	− 1.6	6.7/04.0	13725
1999 FF$_{21}$	2001 11 30.6	04 27.27	+12 08.5	19.9	−1.00	− 3.8	3.4/29.3	5521
1996 SB$_{2}$	2001 11 30.7	04 27.20	+07 06.1	18.2	−0.90	− 4.1	5.3/28.5	18145
1999 CL$_{79}$	2001 11 30.7	04 27.27	+06 33.0	18.4	−1.06	− 3.0	6.7/28.6	16937
2000 KJ$_{9}$	2001 11 30.7	04 27.27	+16 29.7	17.3	−1.06	− 6.0	2.5/29.9	18275
2000 JW$_{63}$	2001 11 30.7	04 27.27	+17 20.0	20.0	−1.13	− 1.7	1.6/30.2	16080
1998 BD$_{15}$	2001 11 30.7	04 27.39	+38 10.6	17.0	−1.14	− 5.3	6.1/03.4	18157
1999 FD$_{4}$	2001 11 30.7	04 27.52	+22 24.2	19.1	−1.01	− 2.6	0.2/30.8	4927
2001 QK$_{182}$	2001 11 30.7	04 27.53	+11 19.8	16.8	−1.03	+ 0.3	4.5/29.8	17937
1997 AD$_{17}$	2001 11 30.7	04 27.54	+07 44.4	18.8	−0.85	+ 0.7	4.7/29.4	16747
2000 NU$_{28}$	2001 11 30.7	04 27.55	+17 08.8	18.3	−0.91	− 1.5	1.5/30.2	4961
2000 QO$_{188}$	2001 11 30.7	04 27.60	+20 02.9	19.1	−0.94	− 1.1	0.6/30.6	3830
1981 DY$_{1}$	2001 11 30.7	04 27.69	+39 12.6	20.1	−0.97	− 2.1	4.4/03.3	*26914*
2000 HH$_{5}$	2001 11 30.7	04 27.70	+41 27.1	17.8	−2.00	+11.7	9.8/30.4	3574
2000 OW$_{31}$	2001 11 30.8	04 27.63	+18 29.0	18.1	−1.09	− 4.7	1.3/30.3	13671
2000 OY$_{38}$	2001 11 30.8	04 27.73	+28 26.7	18.9	−1.03	− 5.4	2.1/02.0	13672
5083 T-3	2001 11 30.8	04 27.75	+09 24.8	18.1	−1.09	− 0.3	5.6/29.5	*36125*
2000 KT$_{76}$	2001 11 30.8	04 27.86	+15 19.2	19.0	−1.12	− 0.7	2.6/30.2	3610
2000 OV$_{32}$	2001 11 30.8	04 28.03	+24 02.9	20.0	−1.02	− 4.0	0.7/01.2	8476
1998 XE$_{61}$	2001 11 30.8	04 28.09	+25 32.8	20.0	−1.12	− 3.5	1.3/01.4	16888
2000 OQ$_{23}$	2001 11 30.8	04 28.11	+27 18.4	17.9	−1.16	− 3.4	2.1/01.6	18283
1999 JY$_{107}$	2001 11 30.8	04 28.16	+28 38.7	16.7	−1.21	+ 4.1	2.9/01.3	18209
1996 TO$_{15}$	2001 11 30.9	04 28.06	+18 24.7	19.4	−0.97	− 2.1	1.2/30.5	9047
1996 EO$_{12}$	2001 11 30.9	04 28.09	+35 17.2	16.7	−1.16	− 8.0	7.2/03.6	18143
2000 QC$_{155}$	2001 11 30.9	04 28.11	+16 32.7	18.3	−0.85	− 4.9	1.7/30.1	18288
2000 QB$_{21}$	2001 11 30.9	04 28.14	+05 27.9	20.2	−0.91	− 2.6	4.9/28.7	13682

1990 OZ_4	2001 11 30.9	04 28.32	+19 03.1	18.8	−1.12	− 4.1	1.0/30.6	18131
1998 HL_{137}	2001 11 30.9	04 28.55	+29 45.3	19.3	−0.98	+ 0.9	2.3/01.8	13565
1998 EC_{13}	2001 11 30.9	04 28.56	+27 26.5	18.5	−0.94	− 1.2	1.7/01.7	13558
1996 PH_1	2001 12 01.0	04 28.49	+17 44.4	19.4	−1.02	− 1.7	1.5/30.5	3876
4203 P-L	2001 12 01.0	04 28.51	+45 05.1	20.0	−1.03	− 0.6	6.0/04.0	6138
1999 JN_{15}	2001 12 01.0	04 28.76	+11 32.4	19.2	−0.94	+ 1.2	3.0/30.1	10880
2000 OV_{60}	2001 12 01.0	04 28.90	+05 57.3	19.4	−0.79	+ 0.6	4.8/29.6	5822
1999 JV_9	2001 12 01.1	04 28.92	+03 37.5	19.1	−0.88	− 5.4	6.4/28.1	6836
2000 RG_{88}	2001 12 01.1	04 29.05	+22 10.8	18.9	−0.99	− 3.1	0.1/01.2	17456
1999 FQ_{32}	2001 12 01.1	04 29.08	+23 11.8	17.8	−1.13	− 1.0	0.6/01.3	18202
2000 OH_{36}	2001 12 01.1	04 29.18	+15 53.6	20.1	−0.86	− 3.1	1.8/30.3	11786
1995 SA_{44}	2001 12 01.1	04 29.23	+11 47.2	19.0	−0.83	− 3.6	3.2/29.7	15015
1998 HC_{29}	2001 12 01.1	04 29.32	+30 08.9	16.7	−1.15	+ 3.5	3.3/01.7	18162
2000 LX_{30}	2001 12 01.1	04 29.34	+18 19.6	17.5	−1.09	− 2.9	1.4/30.8	2568
1992 EH_{10}	2001 12 01.1	04 29.39	+20 54.9	18.5	−0.89	− 2.0	0.3/01.1	*32226*
1999 JW_{80}	2001 12 01.2	04 29.37	+10 52.5	18.2	−1.01	+ 1.8	3.8/30.3	6847
1999 BV_{32}	2001 12 01.2	04 29.43	+12 49.8	20.0	−1.10	− 0.8	3.4/30.3	16918
2000 GL_{21}	2001 12 01.2	04 29.54	−18 23.0	19.7	−1.12	− 3.1	18.4/25.0	2458
1999 CV_{36}	2001 12 01.2	04 29.57	+30 45.4	18.6	−1.21	− 1.1	3.4/02.2	2642
1992 SG_2	2001 12 01.2	04 29.84	+02 22.0	17.9	−0.92	− 2.4	6.5/28.9	9671
1999 GO_4	2001 12 01.3	04 29.82	+11 20.1	19.2	−0.96	− 2.3	3.6/30.0	15046
1998 ED_{10}	2001 12 01.3	04 29.88	+28 04.0	18.9	−0.89	− 2.1	1.7/02.1	13558
1999 CE_{74}	2001 12 01.3	04 29.95	+22 48.0	17.5	−1.07	− 2.8	0.3/01.5	18197
2000 QT_{136}	2001 12 01.3	04 30.00	+16 30.2	19.4	−0.94	− 2.1	1.6/30.7	17446
1981 ER_{38}	2001 12 01.3	04 30.09	+04 25.7	18.1	−0.88	− 5.3	7.3/28.4	18129
2000 JU_5	2001 12 01.3	04 30.12	+16 39.2	18.4	−1.16	− 1.5	2.1/30.8	1640
2000 OR_{27}	2001 12 01.3	04 30.12	−01 14.1	18.7	−0.90	− 0.7	7.5/28.7	5804
1999 CW_{73}	2001 12 01.3	04 30.22	+16 07.5	17.4	−1.03	− 4.0	2.9/30.6	18197
2000 NC_{14}	2001 12 01.3	04 30.23	+07 26.1	18.4	−0.85	− 1.2	4.7/29.7	16085
2000 NY_{16}	2001 12 01.3	04 30.32	+22 18.5	17.9	−1.14	− 0.9	0.2/01.4	18282
2000 JS_{42}	2001 12 01.3	04 30.32	+25 06.1	18.8	−1.25	− 1.2	1.4/02.0	2779
2000 QL_{196}	2001 12 01.4	04 30.22	+28 50.3	18.8	−1.09	− 2.8	2.6/02.3	4689
2000 QR_4	2001 12 01.4	04 30.23	+07 27.9	18.5	−0.82	− 2.4	4.5/29.5	13679
1999 CY_7	2001 12 01.4	04 30.33	+65 26.3	18.1	−2.35	+ 0.9	16.3/05.4	18194
1997 AU_{19}	2001 12 01.4	04 30.46	+25 38.9	18.8	−0.90	− 3.2	1.4/02.0	*30786*
2000 KF_{66}	2001 12 01.4	04 30.62	−14 49.1	18.0	−0.92	− 7.5	15.0/24.5	17417
2000 OD_{15}	2001 12 01.4	04 30.64	+23 27.3	18.8	−1.11	− 3.5	0.6/01.7	11786
2000 LE_{12}	2001 12 01.5	04 30.71	+20 03.2	16.7	−1.00	− 6.9	0.7/01.2	18280
1997 WJ_{12}	2001 12 01.5	04 30.87	+16 44.5	19.1	−0.98	+ 0.4	1.7/01.1	3882
1994 DW	2001 12 01.5	04 30.95	+09 15.4	19.4	−0.87	+ 0.1	3.8/30.3	13540
2000 GB_1	2001 12 01.5	04 30.98	−23 33.8	19.7	−1.18	+ 2.2	21.0/27.4	17248
2000 QR_{161}	2001 12 01.5	04 31.02	+25 07.4	18.4	−0.93	− 5.0	1.1/02.1	17447
2000 KO_{50}	2001 12 01.5	04 31.04	+13 43.5	19.0	−1.15	0.0	3.1/30.8	3937
2000 KL_{60}	2001 12 01.5	04 31.05	+14 46.4	17.3	−1.08	+ 0.9	3.0/01.0	2790
2211 P-L	2001 12 01.6	04 31.08	+27 46.7	20.3	−1.14	− 2.7	2.0/02.3	4020
1995 BO	2001 12 01.6	04 31.08	+37 27.4	19.8	−1.28	− 3.9	6.4/03.7	4324
1999 JT_{92}	2001 12 01.6	04 31.14	+12 53.8	19.1	−0.95	+ 0.2	2.9/30.7	6849
1996 KW_2	2001 12 01.6	04 31.18	−05 22.3	19.6	−0.58	+ 1.3	5.0/28.9	16738
1994 PO_1	2001 12 01.6	04 31.20	+26 27.1	19.0	−1.02	+ 2.8	1.2/02.0	18137
1997 TB_2	2001 12 01.6	04 31.21	+18 41.6	19.3	−1.09	− 3.7	1.2/01.2	18151
2000 QN_{114}	2001 12 01.6	04 31.22	+27 45.8	18.8	−0.89	− 1.9	1.6/02.4	16087
2000 OP_{56}	2001 12 01.6	04 31.29	+20 07.1	19.6	−1.08	− 1.2	0.6/01.5	5822
1996 BD_2	2001 12 01.6	04 31.34	+24 19.0	18.0	−1.22	− 2.0	1.0/01.9	*33750*
1993 SV_3	2001 12 01.6	04 31.37	+52 23.0	18.2	−1.77	+ 1.3	11.0/05.4	*34190*
1999 JL_{49}	2001 12 01.6	04 31.42	+18 16.5	19.1	−0.94	− 3.3	1.1/01.2	13597
2000 RF_{16}	2001 12 01.6	04 31.49	+33 18.1	17.5	−1.02	− 3.5	3.6/03.3	18290
1999 CT_{79}	2001 12 01.6	04 31.57	+21 54.6	17.8	−1.11	− 4.9	11.0/12.0	16937
2000 OU_{21}	2001 12 01.6	04 31.58	−22 41.8	17.8	−1.04	+ 0.6	19.4/23.2	17436
2000 MV	2001 12 01.6	04 31.61	+24 37.7	18.8	−1.20	− 3.2	1.1/02.0	16085
2000 QV_{122}	2001 12 01.7	04 31.53	+32 35.5	18.9	−0.95	− 2.0	2.8/03.1	10967
1998 HD_2	2001 12 01.7	04 31.55	+07 47.5	17.5	−0.79	− 4.9	4.1/29.4	18162
1997 QF_4	2001 12 01.7	04 31.56	+19 26.6	16.1	−1.13	− 4.8	1.1/01.4	18150
2000 HN_{65}	2001 12 01.7	04 31.62	+18 56.1	16.4	−1.18	+ 1.3	1.4/02.0	17341
1999 GF_{32}	2001 12 01.7	04 31.68	+19 43.9	17.7	−1.03	− 1.4	0.9/01.5	18204
2000 LY_{30}	2001 12 01.7	04 31.68	+09 36.4	17.1	−1.04	− 4.2	5.5/30.1	18281
2000 OS_{27}	2001 12 01.7	04 31.69	+41 38.2	17.6	−1.07	− 3.1	5.8/04.8	9792
2000 SV_{242}	2001 12 01.7	04 31.70	+24 38.3	18.3	−0.92	− 2.0	0.9/02.0	17462
1997 YN_1	2001 12 01.7	04 31.89	−01 00.8	16.6	−0.91	+ 4.0	11.4/30.2	*31424*
1995 BO_7	2001 12 01.7	04 32.02	+36 33.5	19.4	−1.21	− 3.3	5.0/03.8	*33943*
1998 SC_5	2001 12 01.8	04 31.99	+21 34.0	15.8	−1.28	−21.3	14.2/12.0	*35716*
2000 OZ_{10}	2001 12 01.8	04 32.05	+06 37.8	16.7	−0.99	+ 0.7	6.0/30.5	16086
1998 FB_{77}	2001 12 01.8	04 32.36	+22 14.7	19.8	−0.90	− 0.5	6.9/12.0	6209
1999 CZ_{97}	2001 12 01.8	04 32.40	+25 00.8	17.2	−1.16	− 0.4	1.5/02.2	18197
1999 JT_{47}	2001 12 01.8	04 32.42	+30 00.6	18.0	−1.06	+ 1.0	2.9/02.6	16991
1999 LD_{28}	2001 12 01.8	04 32.44	+01 45.5	19.6	−0.77	− 4.0	5.8/28.9	13603
2000 LN_{16}	2001 12 01.8	04 32.44	+02 13.7	18.1	−0.89	− 3.3	6.8/29.2	16084
2000 PT_{18}	2001 12 01.9	04 32.37	+19 33.0	19.3	−0.89	− 1.6	0.7/01.6	13677
1999 CB_{36}	2001 12 01.9	04 32.40	+31 50.8	18.7	−1.19	0.0	3.3/02.9	12920
1992 MD	2001 12 01.9	04 32.45	−01 27.3	18.9	−0.97	+ 0.6	7.5/29.9	4885
1992 EH	2001 12 01.9	04 32.47	−23 18.4	19.1	−1.10	− 5.9	21.6/20.4	973
2000 NK_{15}	2001 12 01.9	04 32.48	+37 54.8	17.7	−1.07	− 3.2	5.4/04.2	13668
1994 PX_{32}	2001 12 01.9	04 32.50	+22 46.9	18.3	−0.84	− 2.5	0.2/02.0	5406
1999 JA_{79}	2001 12 01.9	04 32.59	+03 50.4	18.8	−0.95	+ 0.5	5.8/30.2	4939
2000 NB_4	2001 12 01.9	04 32.62	+16 09.2	19.4	−0.94	− 2.3	2.1/01.3	3943
1997 XU	2001 12 01.9	04 32.66	+30 08.2	17.3	−1.09	− 5.1	3.4/03.2	18156
2001 OM_{81}	2001 12 01.9	04 32.68	−00 33.0	15.7	−0.59	+ 3.2	13.7/30.5	18344
1999 LN_{11}	2001 12 01.9	04 32.78	+03 39.5	21.5	−0.76	− 2.2	4.6/29.6	9098
1998 FE_{103}	2001 12 01.9	04 32.83	+15 18.2	18.0	−0.84	− 3.8	2.0/01.0	13562
1998 XP_{25}	2001 12 01.9	04 32.85	+13 32.1	18.5	−1.14	+ 0.5	3.7/01.3	16880
1998 FD_{54}	2001 12 01.9	04 32.86	+09 05.7	17.8	−0.85	− 3.7	4.3/30.2	18160
2000 GW_{114}	2001 12 02.0	04 32.82	+15 29.1	17.5	−1.13	− 1.4	2.6/01.3	2768
2000 QS_{149}	2001 12 02.0	04 32.96	+07 59.2	19.4	−0.84	− 2.1	4.4/30.3	5880
2000 RA_{88}	2001 12 02.0	04 33.02	+01 11.7	20.1	−0.85	− 4.5	6.0/28.9	18290
2000 QP_{170}	2001 12 02.0	04 33.05	+28 20.6	18.8	−0.91	− 2.5	2.0/02.9	13709
1998 FD_{35}	2001 12 02.0	04 33.05	+18 44.0	18.7	−0.86	− 2.0	0.9/01.7	10846
1999 JF_{33}	2001 12 02.0	04 33.09	+18 44.5	17.6	−0.96	− 3.0	1.2/01.6	10881
1997 SP_{20}	2001 12 02.0	04 33.24	+32 53.0	18.7	−1.19	+ 0.6	5.1/03.1	18151
2000 KY_{29}	2001 12 02.0	04 33.31	+21 21.2	18.1	−1.13	− 4.5	0.2/02.0	18276
2000 SF_{352}	2001 12 02.1	04 33.37	+23 49.2	17.8	−0.96	+ 0.8	0.6/02.3	18295
2000 QU_{37}	2001 12 02.1	04 33.37	+23 26.5	18.5	−1.00	− 2.6	0.5/02.3	18286
1995 VG_{14}	2001 12 02.1	04 33.48	+19 02.7	18.7	−0.82	− 3.7	0.8/01.7	18142
1996 EP_7	2001 12 02.1	04 33.49	+26 09.6	20.9	−1.18	− 2.0	1.6/02.6	*30762*