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The *International Comet Quarterly* (*ICQ*) is a journal devoted to news and observation of comets, published by the Smithsonian Astrophysical Observatory in Cambridge, Massachusetts. Regular issues are published 4 times per year (January, April, July, and October), with an annual *Comet Handbook* of ephemerides published normally in the first half of the year as a special fifth issue. An index to each volume normally is published in every other October issue (even-numbered years); the *ICQ* is also indexed in *Astronomy and Astrophysics Abstracts* and in *Science Abstracts Section A*.

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Cometary observations should be sent to the Editor in Cambridge; all data intended for publication in the *ICQ* that is not sent via computer electronic mail should be sent on standard *ICQ* observation report forms, which can be obtained upon request from the Editor. Those who can send observational data (or manuscripts) in machine-readable form are encouraged to do so [especially through e-mail via the computer networks *SPAN* (6700::DAN) or Internet (ICQ@CFA.HARVARD.EDU), or via floppy disks that can be read on an IBM PC], and should contact the Editor for further information. The *ICQ* has extensive information for comet observers on the World Wide Web, including the Keys to Abbreviations used in data tabulation (see URL <http://cfa-www.harvard.edu/icq/icq.html>). In early 1997, the *ICQ* published a 225-page *Guide to Observing Comets*; this edition is now out of print, but a revised edition is under preparation.

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CORRIGENDA

• In the Jan. 2001 *ICQ*, page 16, the affiliation for Nicolas Biver *should read* "Commission des comètes", Société Astronomique de France

• In the Jan. 2001 *ICQ*, page 26, beginning of second full paragraph, *for* It is, of course, *read* It is important, of course,

Milan Antal (1935-1999)

Milan Antal, for many years a successful observer of the group working on interplanetary matter at the Skalnaté Pleso Observatory, died suddenly on 1999 November 2 in a hospital in Piestany. Born in Zabreh, Moravia (now the Czech Republic), on 1935 September 19, young Milan was very interested in nature and especially in astronomical events. After final examination at a secondary school in Bratislava on June 1953, he began his professional career at the Skalnaté Pleso Observatory. Under the leadership of the astronomers Prof. Guth and Prof. Kresák, Antal became a participant in the Skalnaté Pleso program of visual comet hunting. After a short time, his careful measures of cometary and asteroidal positions attained a top quality. Antal was largely responsible for many thousands of positions of comets and minor planets published in the *IAU Circulars*, *Minor Planet Circulars*, and the *Contributions* of the Skalnaté Pleso Astronomical Observatory. Antal discovered some asteroids, which he named for Slovakia, for his hometown in Piestany, for the famous Slovak poets Hviezdoslav and Sladkovic, for important leaders of the Slovak national uprising in the middle of the 19th century, and many others. Minor planet number 6717 carries his name.

After finishing his work at the Skalnaté Pleso in 1978, Antal was for 10 years a collaborator of the Hurbanovo Observatory in Slovakia and occasionally he was a visiting observer also at observatories in Poland and Hungary. Milan Antal was particularly active in the Slovak Astronomical Society and for many years was the president of its division in Piestany.

— Jan Svoren, Skalnaté Pleso Observatory

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CORRIGENDUM

• In the January 2001 issue (*ICQ* 117), p. 6, caption to Figure 4, the innermost circle *alone* represents the aperture annulus, whereas the outer two circles represent the sky around the coma where *FitsPro* measured the sky background value (as described on page 9 of the same issue).

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Tabulation of Comet Observations

Important notice to contributors of CCD magnitudes. As more and more photometric observations of comets are made, it is becoming increasingly clear that we need to establish better standards for reporting such data. Effective immediately, we ask all CCD observers to include additional information regarding their observations, including both the measured coma diameter and the aperture within whose diameter (or perimeter) the tabulated total magnitude was determined. Until now, we have only allowed the observer to tabulate one of these data — the aperture size being noted by a plus (+) sign in column 49, indicating that the true coma diameter was in fact larger. Additional information would have to be supplied by accompanying descriptive information.

We plan later this year to reveal a newly-expanded *ICQ* format for observations, which will remain basically the same for the first 80 columns (to lessen confusion) but which will contain additional space beyond column 80 for CCD data. We also want observers to specify the CCD camera that they are using (brand name and type of chip), and also the software being used and whether or not a square or circular (or other-shaped) aperture was used for the total-magnitude determination. Until the new format is released, we will publish such additional information under the descriptive information. We plan to compile spectral-response curves for all CCD cameras in use, and to ask observers to contribute such information (either by sending graphs by postal mail or sending a URL pointing to a specific webpage). Such information will hopefully help in ascertaining how unfiltered CCD magnitudes might be used.

In this regard, while realizing that many observers will continue to contribute unfiltered CCD magnitudes, we encourage observers to use formal photometric filters — either standard narrowband comet filters or standard broadband filters (*B*, *V*, *R*, *I*, etc.). If observers must use unfiltered CCDs to obtain comet photometry, they need to be sure that they are using proper comparison-star magnitudes that are reasonably close to the peak spectral response of the CCD camera in use. Thus, an observer obtaining unfiltered CCD magnitudes of a comet with a CCD camera peaking in the red should *not* be using *V* magnitudes from a comparison-star catalogue. Note that there are very few good sources of standard *R* magnitudes (unlike the situation for *V* magnitudes), so observers must often go far from the comet field to get acceptable *R* magnitudes from comparison stars.

We also encourage CCD observers to attempt numerous exposures of a single comet on each night, obtaining photometric data for a variety of exposure times (from short, 'astrometric'-length exposures to much longer exposures). And again we encourage all CCD observers of comets to contribute astrometry with each photometric set of measures, to ensure that the correct object has been observed.

Descriptive Information, to complement the Tabulated Data (all times UT):

◊ Comet C/1999 J2 (*Skiff*) \Rightarrow 2001 Apr. 26.88: limiting stellar mag 15.5; ephemeris from Minor Planet Center's "Minor Planet Ephemeris Service" (hereafter "MPES"; cf. <http://cfa-www.harvard.edu/iau/MPEph/MPEph.html>) [HAS02].

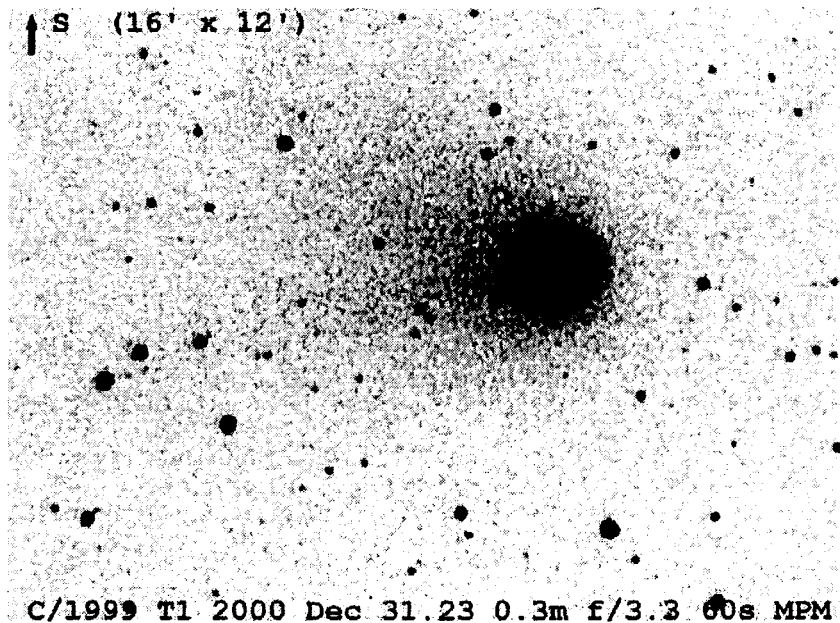
◊ Comet C/1999 N2 (*Lynn*) \Rightarrow 2000 Dec. 22.4: comet not seen [SPA].

◊ Comet C/1999 N4 (*LINEAR*) \Rightarrow 2000 June 22.92: unfiltered image taken at the 'Giuseppe Colombo Observatory' with R. Cariolato [MIL02].

◊ Comet C/1999 S4 (*LINEAR*) \Rightarrow 2000 July 10.06: elongated coma of size 3'5 \times 2' [CRE02 and MIC].

◊ Comet C/1999 T1 (*McNaught-Hartley*) \Rightarrow 2000 Nov. 1.30: clouds [AMO01]. Nov. 1.83: short, stubby tail visible, 9' long in p.a. 195°; coma moderately condensed [PEA]. Nov. 3-Dec. 4.63: magnitudes from Guide 7.0 software; "I have not checked the magnitudes with the Tycho2 CD, as in some cases I noted just the VT mag and not the GSC number of the star (the GSC number is needed to select data from the CD)" [JON]. Nov. 19.25: moonlight [AMO01]. Nov. 19.63: moonlight [RAE]. Nov. 20.28: clouds, moonlight [AMO01]. Nov. 25.81: hurried obs. between clouds [PEA]. Nov. 28.83: coma dia. is decreasing and central cond. has increased in prominence [PEA]. Nov. 28.84, Dec. 1.83, 5.84, 8.83, 21.84, 22.84, 23.85, 25.85, 26.85, 28.85, 31.85, and 2001 Jan. 1.85-Apr. 22.72: GUIDE 6.0 software used for comparison-star mags [NAG08]. Dec. 1.70 and 26.72: "extreme" B method used, placing comet and comparison stars well out of focus" [SEA]. Dec. 1.84, 6.85, 8.85, and 2001 Feb. 2.86: GUIDE 6.0 software used for comparison-star mags [HAS08]. Dec. 3.85, 8.86, and 26.83: GUIDE 7.0 software used for comparison-star mags [YOS02]. Dec. 9.83, 2001 Jan. 4.82, and Feb. 24.69: GUIDE 7.0 software used for comparison-star mags [MIY01]. Dec. 17.71: appearance unchanged using Swan-band filter; moonlight [SEA]. Dec. 19.74: moonlight [MAT08]. Dec. 23.83: faint, broad tail 12' long in p.a. 265° [PEA]. Dec. 23.83: apparently stellar nucleus [YOS04]. Dec. 24.18: broad tail spanning p.a. 275°-305° [HAS02]. Dec. 27.84: GCVS (HIP) software used for comparison-star mags [TAK05]. Dec. 29.23: visible w/o difficulty despite low alt. ($\approx 10^\circ$) [GRA04].

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A 60-sec exposure of comet C/1999 T1 taken on 2000 Dec. 31.23 by Martin Mobberley (Bury St. Edmunds, Suffolk, England) with a 30-cm f/3.3 LX200 reflector and SBIG ST7 CCD camera. South is up, and the field is 16' \times 12' in size.

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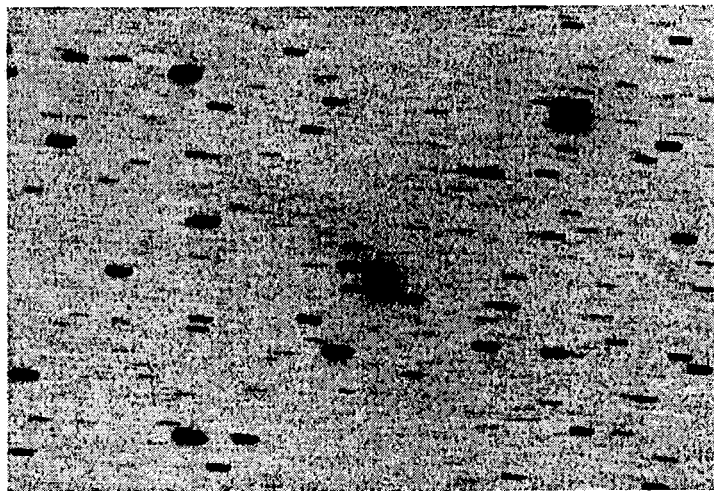
2001 Jan. 1.28: obs. affected by twilight [GRA04]. Jan. 2.85-Mar. 18.72: GUIDE 7.0 software used for comparison-star mags [YOS02]. Jan. 3.25: improved visibility due to darker sky [GRA04]. Jan. 3.58: w/ 20.3-cm L (40 \times), curved 15' dust tail in p.a. 230°; central cond. of mag 13.2 [BIV]. Jan. 4.63: w/ 20.3-cm L (40 \times), 12' dust tail in p.a. 240°; obs. from Mauna Kea summit (elev. \approx 4090 m) [BIV]. Jan. 5.63: w/ 20.3-cm L (40 \times), 12' dust tail in p.a. 250°; central cond. of mag 13.2; from Mauna Kea [BIV]. Jan. 6.62: w/ 20.3-cm L (40 \times), 11' dust tail in p.a. 255°; central cond. of mag 13.4; from Mauna Kea [BIV]. Jan. 14.21: moonlight [MIL02]. Jan. 15.23: highly condensed coma; at 161 \times , no false nucleus detected, hints of a broad tail towards WNW; moonlight [KAM01]. Jan. 18.18: cond. uncertain [CSU]. Jan. 19.18: cond.

fainter than yesterday [CSU]. Jan. 23.09, 24.10, and 25.10: w/ 20×50 B, central cond. of dia. 3' [NES]. Jan. 23.10, 24.12, and 25.11: w/ 8-cm R (28×), central cond. of dia. 2' and mag 10.5 [NES]. Jan. 24.11: starlike nucleus of mag ≈ 11.0 (ref = HS); fan-like, diffuse coma open in p.a. 280°-310° [BAR06]. Jan. 25.12: comet involved w/ star of mag 11.8; fan-like coma open in p.a. 290°-320° [BAR06]. Jan. 25.22: w/ 20-cm T (50×), conspicuous central cond. (dia. $\approx 20''$), which showed a false nucleus of mag 12.5 at 167×; coma fanned out towards p.a. 290°, most probably depicting the beginning of the tail [KAM01]. Jan. 26.66: starlike central cond. of mag 8.8; moderate light pollution [LIN04].

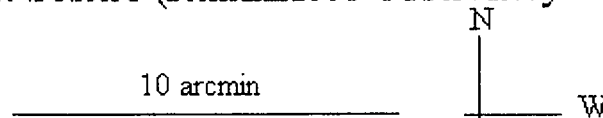
Feb. 1.16: diffuse coma w/ no bright nucleus; comet not visible in 70-mm R due to light pollution [GRA04]. Feb. 3.10: quite condensed object, w/ bright, active nucleus ($m_2 \sim 10$); comet-like cond. $\approx 3'$ from nucleus, appears to be brightest part of fan-shaped tail; AAVSO R Ser seq. [RES]. Feb. 6.20: twilight and cirrus [CSU]. Feb. 11.06: moonlight [RES]. Feb. 13.11: comet was faint but definitely seen under moderate light pollution [GRA04]. Feb. 15.09 and 16.10: only a central part of coma was measured; the entire coma was larger than what was measured/tabulated [HOR02]. Feb. 15.09, 16.10, 28.02, Mar. 15.97, Apr. 1.88, 2.88, 3.84, 5.88, and 14.90: m_1 was measured in square aperture of size 1'6 × 1'6 [HOR02]. Feb. 15.13: another tail of length 0°50 in p.a. 295°; moonlight [CSU]. Feb. 16.04: possible tail 0°2 long in p.a. 280°; comet visible w/o difficulty in binoculars; favorable conditions [GRA04]. Feb. 16.14: another tail of length 0°42 in p.a. 295° [CSU]. Feb. 17.14 and 18.15: another tail of length 0°50 in p.a. 295° [CSU]. Feb. 18.12: comet seen under moderate light pollution [GRA04]. Feb. 21.20: this obs. was somewhat affected by twilight [GRA04]. Feb. 22.02: w/ 70-mm R, the coma appeared elongated in E-W direction; w/ 7×50 B, the comet was faint but easier to see than M97 [GRA04]. Feb. 24.99: starlike nucleus; fan-like coma [BAR06]. Feb. 26.15: w/ 25.6-cm L (169×), central cond. of mag 13.6; under darker skies [BIV]. Feb. 27.99: "over a period of 3 days, the coma became diffuse w/o precise central cond., round in shape" [BAR06].

Mar. 17.95: comet only barely visible [GRA04]. Mar. 18.03: the visibility of the comet was only slightly better than on Mar. 17.95, despite a more powerful instrument, due to brighter sky [GRA04]. Mar. 18.87: comet was very faint, its visibility clearly inferior to that of M97 [GRA04]. Mar. 31.83: obs. during aurora [HOR02]. Apr. 1.88: second tail 5' long in p.a. 239° [HOR02]. Apr. 2.88: second tail $> 3'$ long in p.a. 240° [HOR02]. Apr. 3.84: second tail 2'5 long in p.a. 240° [HOR02]. Apr. 4.78 and 27.58: GUIDE 6.0 software used for comparison-star mags [TSU02]. Apr. 5.88: second tail 4' long in p.a. 246° [HOR02]. Apr. 11.86: comet just above a band of rather bright greenish-white aurora, but obs. not affected [BOU]. Apr. 13.00: w/ 7.0-cm R, comet was very faint but seen at correct location, its visibility considerably inferior to M97; dark sky [GRA04]. Apr. 13.88: comet close to star of mag 10.3 [BOU]. Apr. 13.95: coma appeared elongated; obs. was somewhat affected by aurora [GRA04]. Apr. 14.83: comet close to bright star [HOR02]. Apr. 14.90: coma dia. 5'5; second tail 5' long in p.a. 257° [HOR02]. Apr. 22.31: clouds, low alt. [LIN04]. Apr. 28.94: obs. slightly affected by 5-day-old moon low in W [BOU].

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C/1999 T2 (LINEAR) - April 24.97, 2001
 Baker camera 0.3m f/2.8 - Hi-Sis 24 CCD
 30 minutes exposure time (unfiltered)
 G. Sostero (Remanzacco Observatory - Italy)



CCD exposure of comet C/1999 T2 on 2001 Apr. 24.97 by Giovanni Sostero (Remanzacco, Italy). North is up and east is to the left.

◊ *Comet C/1999 T2 (LINEAR)* ⇒ 2001 Mar. 21.07: comet only seen w/ difficulty despite favorable conditions [GRA04]. Apr. 1.92: possible faint tail 1'6 long in p.a. 220° [HOR02]. Apr. 2.92: elongated coma in p.a. ≈ 230° [HOR02]. Apr. 5.92: elongated coma in p.a. ≈ 235°; possible faint tail 3' long in p.a. 225° [HOR02]. Apr. 12.43: coma dia. 1'4; MIRA 6.0.7.4 software used for photometry [WES06]. Apr. 14.88: m_1 was measured in square aperture of size 1'6 × 1'6; coma dia. 1'9 [HOR02]. Apr. 22.60: GUIDE 6.0 software used for comparison-star mags [TSU02]. Apr. 28.08: coma dia. 1'5; MIRA 6.0.7.4 software used for photometry [WES06].

◊ *Comet C/1999 U4 (Catalina-Skiff)* ⇒ 2000 Nov. 30.77: ephemeris from Minor Planet Ephemeris Service (at ICQ/MPC/CBAT website), checked with Real Sky software [HAS02]. Dec. 23.73: limiting mag 15.5; ephemeris from Minor Planet Ephemeris Service (at ICQ/MPC/CBAT website), checked with Real Sky (Digital Sky Survey) [HAS02]. 2001 Feb. 10.76: faint averted-vision object [RES]. Mar. 15.46: GUIDE 7.0 software used for comparison-star mags [NAK01]. Apr. 26.85: limiting stellar mag 15.0; ephemeris from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02].

◊ *Comet C/1999 Y1 (LINEAR)* ⇒ 2000 Oct. 26.63 and 30.49: GUIDE 6.0 software used for comparison-star mags [NAG08]. Nov. 16.84: w/ 30-cm T, surprisingly easy object; significantly condensed toward the center; no false nucleus detected [KAM01]. Nov. 28.49: GUIDE 7.0 software used for comparison-star mags [YOS02]. Dec. 9.83: full moon [MOR09]. Dec. 12.48: GUIDE 7.0 software used for comparison-star mags [SUZ02]. Dec. 16.40: not easy to see [YOS04].

◊ *Comet C/2000 K2 (LINEAR)* ⇒ 2000 Dec. 22.41: GUIDE 7.0 software used for comparison-star mags [NAK01].

◊ *Comet C/2000 SV₇₄ (LINEAR)* ⇒ 2001 Jan. 2.08: central cond. of size < 2" and mag 16.4; coma appeared smoothly symmetrical w/o significant internal structure; blinking images for the reported time of obs. gave the apparent motion as ~ 10"/hr in p.a. 350° for the cometary object [ROQ].

◊ *Comet C/2000 U5 (LINEAR)* ⇒ 2000 Nov. 20.23: central cond. of dia. 2" and mag 16.7; coma appeared asymmetrical in p.a. 180° w/ a diffuse, faint fan-shaped anti-tail centered (as tabulated) in p.a. 172° [ROQ]. Dec. 23.73: limiting stellar mag 15.5; ephemeris from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02].

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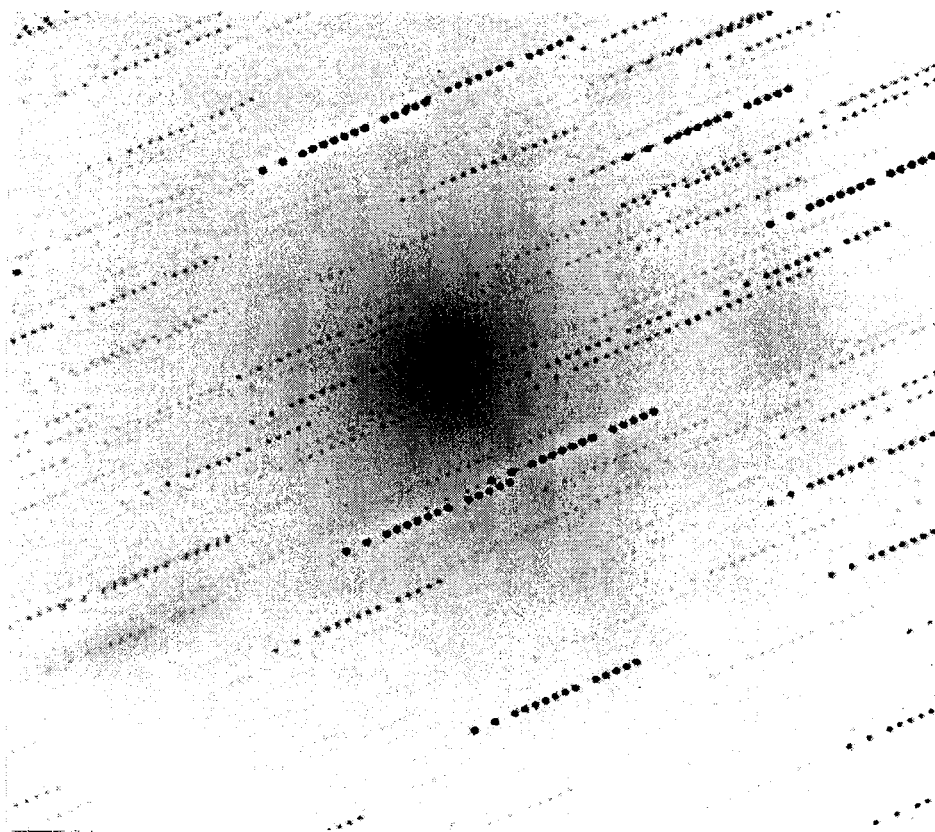


Image of comet C/2000 W1 compiled from numerous 15-sec CCD exposures by Ian Griffin at Auckland (N.Z.) Observatory on 2000 Nov. 30. A 'digital darkroom technique' was used to bring out the ion tail.

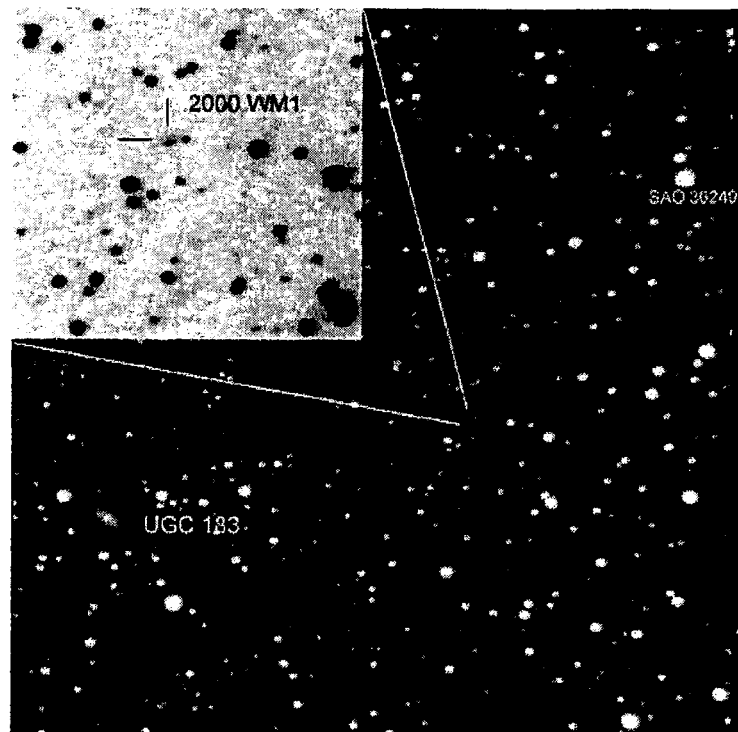
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◊ *Comet C/2000 W1 (Utsunomiya-Jones)* ⇒ 2000 Nov. 26.56: comet moderately condensed and motion fairly

obvious within a few min [PEA]. Nov. 26.62: independent discovery [MAT08]. Nov. 27.44: visibility enhanced using Swan-band filter; distinct, but non-stellar, central cond. visible in 25.4-cm L (71 \times) [SEA]. Nov. 27.92: comet a difficult object; light pollution interfered [DES01]. Nov. 27.92-Dec. 10.94: The Guide v.07 software used for reference-star magnitudes [DES01]. Nov. 28.52: w/ 25 \times 100 B, the comet is slightly more condensed than on previous evenings and displays a very faint, short ion tail [MAT08]. Dec. 2.94: very easy comet; central coma intense; elongated comet [DES01]. Dec. 3.50, 8.47, and 9.48: moonlight [MAT08]. Dec. 3.96: slightly hazy sky and moonlight interference [AMO01]. Dec. 4.41 and 5.39: moonlight [JON]. Dec. 6.93 and 7.93: comet elongated [DES01]. Dec. 9.38: GUIDE 6.0 software used for comparison-star mags [TSU02]. Dec. 10.94: cirrus clouds and moonlight [DES01]. Dec. 12.36, 13.36, 15.36, 16.36, 24.36, 2001 Jan. 17.86, and 18.86: GUIDE 6.0 software used for comparison-star mags [NAG08]. Dec. 12.36: low alt. [NAG08]. Dec. 13.52: "coma has decreased in size substantially over the last week, and the central cond. has become much more prominent; comet obs. in dark sky prior to moonrise" [PEA]. Dec. 14.52: "the transformation in this comet from a large and reasonably diffuse object to a very small and condensed object over the last week has been quite remarkable" [PEA]. Dec. 16.36: GUIDE 7.0 software used for comparison-star mags [MIY01]. Dec. 16.37: extremely low, but not too hard to see; well condensed [YOS04]. Dec. 17.44: deep in twilight and low alt.; visibility somewhat enhanced using Swan-band filter [SEA]. Dec. 18.46: twilight [MAT08]. Dec. 28.55 and 29.49: m_1 and tail-length estimates from viewing SOHO C3 coronagraph images at the SOHO website [CHE03].

2001 Jan. 11.87: alt. 5 $^{\circ}$ 5; comet has weak cond. w/ diffuse coma of dia. 40" [KAD02]. Jan. 13.87: comet diffuse w/ a weak cond., and elongated E-W; no hint of tail; comet more diffuse than on Jan. 11; visual $m_1 \sim 9$ [KAD02]. Jan. 22.88: GUIDE 7.0 software used for comparison-star mags [YOS02]. Feb. 12.54: "comet has definitely undergone a dramatic fading; obs. with the Catalina 1.5-m reflector show a weakly condensed (DC = 1-2) 1'.7 coma with hints of a broad extension towards p.a. 45 $^{\circ}$; R-band photometry on a co-added 2400-sec exposure suggests $m_1 = 15-16$; though the coma is slightly condensed, there is no discernable central nuclear region down to a limiting mag of 21.0; I tried to do some astrometry, but pinpointing the actual center of the coma was hard, so the astrometry is probably only good to 10"-20" (Feb. 12.52595, $\alpha = 16^{\text{h}}42^{\text{m}}40^{\text{s}}.30$, $\delta = -18^{\circ}11'53''.1$ (MPC/CBAT code 693); Feb. 12.55316, $\alpha = 16^{\text{h}}42^{\text{m}}34^{\text{s}}.56$, $\delta = -18^{\circ}11'54''.7$ (equinox 2000.0)" [HER02]. Mar. 3.61: "3-min unfiltered CCD images with the University of Canterbury's Mt. John Observatory 1-m $f/7.7$ telescope showed only a diffuse parabolic glow at the comet's expected position (the comet appears to have disintegrated); the 'head end' of the glow was brighter and $\approx 1'$ across; the 'tail', in p.a. 80 $^{\circ}$, was at least 10' long, and it widened to $\approx 2'$ across at the CCD frame edge; no stellar central cond. was found, though anything brighter than mag $R = 20$ should have been detected; estimated positions of the bright end of the glow are $\alpha = 15^{\text{h}}05^{\text{m}}55^{\text{s}}$, $\delta = -15^{\circ}51'1$ (equinox 2000.0) on Mar. 3.60637, and $\alpha = 15^{\text{h}}05^{\text{m}}34^{\text{s}}$, $\delta = -15^{\circ}50'1$ on Mar. 3.65990" [A. C. Gilmore, Lake Tekapo, New Zealand]. Apr. 26.86: limiting stellar mag 15.0; ephemeris from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02].

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Unfiltered CCD image of comet C/2000 WM₁ (LINEAR) taken by Rolando Ligustri (Latisana, Italy) with a 20-cm reflector on 2001 Feb. 1.81. Ligustri measured a coma diameter of 0'.2 and $m_1 = 17.5$.

◇ *Comet C/2001 A1 (LINEAR)* ⇒ 2001 Feb. 2.73: GUIDE 7.0 software used for comparison-star mags [NAK01].

◇ *Comet C/2001 A2 (LINEAR)* ⇒ 2001 Feb. 2.65: GUIDE 7.0 software used for comparison-star mags [NAK01]. Mar. 26.49, Apr. 1.48, 13.47, 15.48, and 22.48: GUIDE 7.0 software used for comparison-star mags [YOS02]. Mar. 30.45–Apr. 23.45: GUIDE 6.0 software used for comparison-star mags [NAG08]. Mar. 13.47, 29.50, Apr. 15.46, and Apr. 27.44: GUIDE 6.0 software used for comparison-star mags [TSU02]. Mar. 14.43: motion observed during the course of 1 hr; obs. comet w/ both 71× and 114×; coma dia. very difficult to measure; a slight ‘mist’ was suspected near ephemeris position on the two previous nights, but the proximity of a bright star on each occasion made this uncertain [SEA]. Mar. 26.42: enhanced a little through Swan Band filter; no central cond. visible in 25.4-cm L (71×); comet visible in 15×80 B [SEA]. Mar. 28.42: possibly a little more centrally condensed in 25.4-cm L (71×) than earlier obs. [SEA]. Mar. 28.44: also plainly visible in 25-40×100 binoculars; quite large and diffuse [MAT08]. Mar. 28.81: comet looks brighter [RES]. Mar. 30.45: w/ 32-cm f/5 L, comet appears to be in outburst, easy object in moonlight; comparison stars SAO 132824, 132825, 132827 (Tycho catalogue Johnson V comparison-star magnitudes) [NAG08]. Mar. 30.52: significant brightening of 2.5 mag over 24-hr period; DC has increased from 2-3 to 4-5 [MAT08]. Mar. 30.81: comet in outburst in the evening sky; obs. with homemade 120-mm B [CHE03]. Mar. 31.42: a little enhanced (similar to earlier obs.) in Swan-band filter and 25×100 B [SEA]. Mar. 31.82: thin cirrus and moonlight [RES]. Mar. 31.95: fifteen 15-sec CCD summed exp. w/ 30-cm f/3.3 reflector show a faint 13' tail in p.a. 90° [Cristovao Jacques, Serra da Piedade, near Belo Horizonte, Minas Gerais, Brazil]. Mar. 31.97: strong central coma at 92×; Guide v.07 software used for ref. stars [DES01].

Apr. 1.09: two 45-sec exp. w/ SBIG ST-8 CCD camera; w/ 58" aperture, $m_1 = 11.3$ (coma dia. initially determined to be 2'); MIRA software (cf. <http://www.axres.com/>) used for photometry; high, thin clouds [WES06]. Apr. 1.39: moonlight [SEA]. Apr. 1.80, 2.82, 3.81, and 5.81: m_1 was measured in square aperture of size 1'6 × 1'6 [HOR02]. Apr. 1.85: in outburst, faint but seen at correct location; obs. affected by low alt., astronomical twilight, and first-quarter Moon [GRA04]. Apr. 2.42, 3.44, 4.46, 5.44, 9.44, 28.44, 29.43, and 30.46: moonlight [MAT08]. Apr. 2.82: moonlight interference; comet close to star of mag 7.1 [BOU]. Apr. 2.82: moonlight and high clouds [HOR02]. Apr. 3.43: moonlight; comparison-star magnitudes from Guide 7 software [TIL]. Apr. 3.81 and 5.81: moonlight [HOR02]. Apr. 3.82: strong moonlight; comet well visible despite rather low alt. of 19° [BOU]. Apr. 4.78: cirrus and moonlight [RES]. Apr. 5.79: moonlight [RES]. Apr. 7.83 and 8.83: comet fairly easily visible, despite full moon and low alt. of only 14° (Apr. 7) and 12°5 (Apr. 8) [BOU]. Apr. 8.08: moonlight; MIRA 6.0 software used for photometry [WES06]. Apr. 8.77: haze [BAR06]. Apr. 9.43: near-occultation of star of mag 6.15 (possible drop of 0.2 mag seen in star's brightness) [TIL]. Apr. 10.76: possible tail [BAR06]. Apr. 10.89: more condensed than on previous nights (DC = 3); despite this DC, ‘S’ method was used because of a nearby bright star; a couple of white stars in the field were used for comparison — SAO 132642 (spectral type A0; mag 7.3) and SAO 132713 (spectral type A3; mag 8.2); at 77×, coma dia. 3'5 and DC = 4 [MAR02]. Apr. 11.83: comet in twilight at low alt. of only 11°, but easily visible [BOU]. Apr. 11.84, 12.85, and 17.85: comparison stars SAO 132642 and SAO 132713 [MAR02]. Apr. 12.83: very transparent sky; alt. only 10° [BOU]. Apr. 12.99: obs. from Cuzco, Peru [DES01]. Apr. 13.39: comet appears more highly condensed in 25×100 B than it was in earlier obs. [SEA]. Apr. 13.83: comet easily visible, despite twilight and alt. of only 9° [BOU]. Apr. 14.38: in 25×100 B, coma dia. \simeq 4', DC = 6; faint tail to possibly 8' in p.a. 65° [SEA]. Apr. 15.46 and 19.47: GUIDE 6.0 software used for comparison-star mags [HAS08]. Apr. 15.80: w/ 30-cm f/9 T, 180-sec CCD exp. shows coma dia. > 4'5, DC = D5, tail > 17'1 in p.a. 75° [ROD01]. Apr. 20.44: w/ 20-cm L, 15' tail in p.a. 105° [MAT08]. Apr. 22.31: interference from nearby stars [RAE]. Apr. 24.32: w/ 10×50 B, $m_1 = 6.4$, DC = 6, coma dia. 8'; “significant brightening in last 24 hr!” [RAE]. Apr. 24.42: comet has undergone a significant brightening in the past 48 hr (0.5 mag more than expected); comparison stars HIP 28622 ($V_J = 6.19$) and 27444 ($V_J = 6.74$); DC increased slightly; w/ 20-cm L (45×), very faint ion tail traceable for > 30' in p.a. 110° [MAT08]. Apr. 24.73: “w/ 6.0-cm f/13.3 R (40×), comet now an easy object, indeed a pretty sight!” [BEG01]. Apr. 24.73: “w/ 15.0-cm f/7 L (50×), comet impressive; inner third of coma very condensed, w/ a hint of a stellar central con. using averted vision; outer two-thirds more diffuse” [BEG01]. Apr. 25.69: w/ unaided eye, comet appeared as a stellar source visible up to 30 sec at a time using direct vision; sky conditions very steady and clear [BEG01]. Apr. 25.73: w/ 6.0-cm R (40×), coma slightly elongated to the E; distinct stellar central cond. [BEG01]. Apr. 26.37: w/ 25.4-cm L (71×), coma dia. 6' w/ a small but pronounced central cond.; 20' ion tail in p.a. 110°, emerging from central region of coma and curving slightly toward S (faint but clearly defined); comet was little changed when viewed through Swan Band filter [SEA]. Apr. 28.75: w/ 30.4-cm f/10 T (95×), narrow tail of length 40', w/ evidence of splitting down the center; coma bright, rapidly increasing towards center but w/ no sharp central cond. visible [COO02].

◇ *Comet C/2001 B1 (LINEAR)* ⇒ 2001 Jan. 29.49: GUIDE 7.0 software used for comparison-star mags [NAK01].

◇ *Comet C/2001 B2 (NEAT)* ⇒ 2001 Feb. 2.77: GUIDE 7.0 software used for comparison-star mags [NAK01]. Mar. 18.26: central cond. of size < 3" and mag 15.9; coma appeared essentially symmetrical; comet's measured apparent hourly motion was 51" in p.a. 328° [ROQ]. Mar. 29.55: GUIDE 6.0 software used for comparison-star mags [TSU02]. Apr. 15.14: central cond. of < 2" and mag 16.9; although the coma was irregularly bounded, it appeared generally symmetrical; comet's observed apparent motion was \approx 39"/hr in p.a. 300° [ROQ]. Apr. 26.85: limiting stellar mag 15.0; position from MPES (see C/1999 J2, 2001 Apr. 26.88), checked with Digital Sky Survey (Real Sky) [HAS02].

◇ *Comet 10P/Tempel 2* ⇒ 1999 Sept. 7.41: magnitudes from Guide 7.0 software [JON].

◇ *Comet 17P/Holmes* ⇒ 2001 Feb. 13.14: anti-solar 11" tail in p.a. 55°; “tail in p.a. 250° is material trailing the comet in its orbit” [HER02].

◇ *Comet 24P/Schaumasse* ⇒ 2001 Mar. 13.50, 29.47, and Apr. 22.47: GUIDE 6.0 software used for comparison-star mags [TSU02]. Mar. 13.51, 15.46, 26.46, and Apr. 22.50: GUIDE 7.0 software used for comparison-star mags [YOS02]. Mar. 15.47: GUIDE 7.0 software used for comparison-star mags [NAK01]. Mar. 23.13: central cond. of size < 3" and

mag of 17.31; the coma appeared somewhat asymmetrical in p.a. 82° [ROQ]. Apr. 13.86: estimate difficult because of 12th-mag star in coma [BOU]. Apr. 15.51: GUIDE 6.0 software used for comparison-star mags [HAS08]. Apr. 16.14: central cond. of size $> 2''$ and mag 14.8; coma was smoothly asymmetrical in p.a. 83° ; the short tail was very faint and diffuse, making its central axis difficult to define [ROQ]. Apr. 23.46: GUIDE 6.0 software used for comparison-star mags [NAG08].

◊ *Comet 33P/Daniel* \Rightarrow 2001 Mar. 21.69: small outburst; strong central cond. [NAK01]. Mar. 26.52: GUIDE 6.0 software used for comparison-star mags [TSU02].

◊ *Comet 41P/Tuttle-Giacobini-Kresák* \Rightarrow 2000 Nov. 27.79, Dec. 3.82, 8.84, 26.85, 2001 Jan. 2.87, and 22.86: GUIDE 7.0 software used for comparison-star mags [YOS02]. Nov. 28.83, Dec. 1.82, 5.83, 16.85, 21.83, 22.82, 23.84, 25.84, 26.84, 28.85, 2001 Jan. 5.84, 17.85, and 18.85: GUIDE 6.0 software used for comparison-star mags [NAG08]. Dec. 1.85: GUIDE 6.0 software used for comparison-star mags [HAS08]. Dec. 2.81, 9.84, and 2001 Jan. 4.83: GUIDE 7.0 software used for comparison-star mags [MIY01]. Dec. 16.81: in outburst again, very easy to see (as bright as C/1999 T1); although it was very diffuse on Dec. 5 (DC = 3), it is now well condensed (DC = 5) [YOS04]. Dec. 17.73: in moonlight, comet appeared small and quite intense; visibility enhanced somewhat using Swan-band filter; the comet's appearance was similar to that of C/2000 W1 the previous evening [SEA]. Dec. 18.83: comet in outburst; moderately condensed object easily seen [PEA]. Dec. 19.75: moonlight [MAT08]. Dec. 19.85: CCD frame (13 co-added one-minute frames) shows a type-I tail ($> 7'$) in p.a. 289° [TSU02]. Dec. 21.83: "comet obs. in bright sky background with crescent moon only 2 deg away; comet appeared more diffuse than previous obs. on Dec. 18 which may signify fading from the outburst" [PEA]. Dec. 22.85: GCVS(HIP) software, prepared by T. Kato (Kyoto Univ.), was used for comparison-star mags [TAK05]. Dec. 23.84: comet now fading again; however, it is now very well condensed and easy to see (DC = 7) [YOS04]. Dec. 26.72: lower surface brightness and more diffuse than at earlier obs. [SEA]. Dec. 27.84: comet continues to show rapid change; although it was very condensed on Dec. 23 (DC = 7), now it is very diffuse (DC = 3-4); m_1 faded by 1 mag from 4 days ago [YOS04]. Dec. 31.26: w/ 25.6-cm L, (42 \times): comet fainter, smaller, and less condensed than a week before [BIV].

◊ *Comet 45P/Honda-Mrkos-Pajdušáková* \Rightarrow 2001 Apr. 4.42: hint of a tail to NE; comet diffuse w/ strong cond. [KAD02]. Apr. 5.43: CCD images with 25-cm f/5 L show a hint of tail $0^\circ 1$ long toward p.a. 70° ; $m_1 \simeq 10$ [T. Urata at Bisei Spaceguard Center, Japan]. Apr. 11.84: comet at very low alt. of $6^\circ 5'$ w/ interference from twilight and greenish-white aurora [BOU]. Apr. 12.84: comet in twilight, and at alt. of only $6^\circ 5'$, but well visible [BOU]. Apr. 13.44, 22.44, and 27.46: GUIDE 6.0 software used for comparison-star mags [TSU02]. Apr. 13.84: comet well visible in twilight; alt. only 8° [BOU]. Apr. 15.46: GUIDE 6.0 software used for comparison-star mags [YOS02]. Apr. 15.47: GUIDE 6.0 software used for comparison-star mags [HAS08]. Apr. 18.85: comet well visible in very transparent sky; alt. 10° [BOU]. Apr. 19.85: comet obs. in clearing between patchy cloud; alt. only 11° [BOU]. Apr. 21.85: comet becoming more diffuse; alt. 12° [BOU]. Apr. 22.47: GUIDE 7.0 software used for comparison-star mags [YOS02]. Apr. 23.45: GUIDE 6.0 software used for comparison-star mags [NAG08]. Apr. 23.86: alt. $13^\circ 5'$ [BOU]. Apr. 26.45: GUIDE 7.0 software used for comparison-star mags [NAK01].

◊ *Comet 47P/Ashbrook-Jackson* \Rightarrow 2000 Dec. 16.39: not easy to see [YOS04]. Dec. 22.42: GUIDE 7.0 software used for comparison-star mags [NAK01]. Dec. 23.71: limiting stellar mag 15.0; ephemeris from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02].

◊ *Comet 64P/Swift-Gehrels (O.S. 1981j = 1981 XIX)* \Rightarrow 2000 Dec. 22.44: astrometry obtained on two nights (published on MPC 41824; on Dec. 23.42, $m_1 \sim 20$; these were the first known observations of 64P since 1991 Apr. 2; obs. made at the Smithsonian Astrophysical Observatory, Mt. Hopkins, AZ [SPA].

◊ *Comet 73P/Schwassmann-Wachmann* \Rightarrow 2000 Nov. 4.84: elong. 24° [KAD02]. Nov. 23.83: low alt., but found easily because the moon was near the comet [YOS04]. Dec. 1.84 and 5.85: GUIDE 6.0 software used for comparison-star mags [NAG08]. Dec. 3.87: GUIDE 7.0 software used for comparison-star mags [YOS02]. Dec. 23.85: extremely low and hard to see (component C) [YOS04]. 2001 Jan. 3.66: only one component (C) clearly seen in beginning of twilight (stellar limiting mag 12.8 in 20.3-cm L); m_1 of component B > 11.6 (159 \times) [BIV]. Jan. 4.67: clearly seen, well condensed, but in beginning of twilight, from Mauna Kea (stellar limiting mag 12.4); central cond. of mag 11.6, in 20.3-cm L (159 \times) [BIV].

◊ *Comet 74P/Smirnova-Chernykh* \Rightarrow 2000 Dec. 24.17 and 2001 Apr. 26.87: limiting stellar mag 15.5; ephemeris from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02]. Mar. 26.56, Apr. 22.57, and 27.54: GUIDE 6.0 software used for comparison-star mags [TSU02].

◊ *Comet 97P/Metcalf-Brewington* \Rightarrow 2000 Nov. 5.88: easy object, even with bright sky background (moonlight); no known nonstellar objects nearby (MCG, UGC, NGC, IC) [RES]. Nov. 30.77: ephemeris from Minor Planet Ephemeris Service (at ICQ/MPC/CBAT website), checked with Real Sky software [HAS02].

◊ *Comet 110P/Hartley* \Rightarrow 2000 Nov. 16.14: central cond. of size $< 2''$ and mag 16.2; coma appeared essentially symmetrical; a short, diffuse tail was suspected at p.a. 232° , but its involvement with a nearby star of mag 15 made structural information basically indeterminable [ROQ]. Dec. 18.07: central cond. of dia. $2''$ and mag 15.7; coma was asymmetrical in p.a. 95° , coinciding with a suspected short, diffuse tail and a region of diminutive jet-like activity [ROQ]. Dec. 23.73: limiting mag 15.5; ephemeris from Minor Planet Ephemeris Service (at ICQ/MPC/CBAT website), checked with Real Sky (Digital Sky Survey) [HAS02]. 2001 Feb. 17.13: central cond. of size $3''$ and mag 17.0; coma was asymmetrical in p.a. 80° ; comet's apparent motion was measured as $\approx 45''/\text{hr}$ in p.a. 100° [ROQ]. Feb. 27.50, Mar. 13.54, and Apr. 22.49: GUIDE 6.0 software used for comparison-star mags [TSU02]. Feb. 27.87: images were obtained

by Peter Kusnirak at Ondřejov Observatory, Czech Republic; CCD SBIG ST-8 + V and R filters; comparison-star magnitudes for unfiltered photometry taken from R-band data [HOR02]. Mar. 12.83: nearby interfering stars (GSC mag 15.0, 15.4); the comet may have been glimpsed occasionally, but this is VERY uncertain [BOU]. Mar. 15.50: GUIDE 7.0 software used for comparison-star mags [NAK01]. Mar. 26.13: central cond. of size 2" and mag 17.2; coma showed a light asymmetry in p.a. 80° (toward comet tail head); tail was very diffuse and irregularly structured, making the axial p.a. difficult to precisely define [ROQ]. Apr. 26.85: limiting stellar mag 15.5; position from MPES (see C/1999 J2, 2001 Apr. 26.88) [HAS02].

◊ Comet 116P/Wild ⇒ 2001 Feb. 23.13: "tab. tail is not anti-solar and is consistent w/ material trailing the comet in its orbit" [HER02].

◊ Comet P/1999 WJ₇ (Korlević) ⇒ 2001 Mar. 26.48 and Apr. 16.52: GUIDE 6.0 software used for comparison-star mags [TSU02].

◊ Comet P/2000 S1 (Skiff) ⇒ 2000 Nov. 30.77: ephemeris from Minor Planet Ephemeris Service (at ICQ/MPC/CBAT website), checked with Real Sky software; in same field as comet 97P [HAS02].

◊ Comet P/2000 Y3 (Scotti) ⇒ 2001 Feb. 13.26: "tab. tail is trailing comet in its orbit; 5th-mag star 125 Tau in field" [HER02].

◊ Comet P/2001 H5 (NEAT) ⇒ 2001 Apr. 26.63: GUIDE 7.0 software used for comparison-star mags [NAK01].

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TABULATED DATA

The headings for the tabulated data are as follows: "DATE (UT)" = Date and time to hundredths of a day in Universal Time; "N" = notes [* = correction to observation published in earlier issue of the *ICQ*; an exclamation mark (!) in this same location indicates that the observer has corrected his estimate in some manner for atmospheric extinction (prior to September 1992, this was the standard symbol for noting extinction correction, but following publication of the extinction paper — July 1992 *ICQ* — this symbol is only to be used to denote corrections made using procedures different from that outlined by Green 1992, *ICQ* 14, 55-59, and in Appendix E of the *ICQ Guide to Observing Comets* — and then only for situations where the observed comet is at altitude > 10°); 'g' = comet observed at altitude 20° or less with no atmospheric extinction correction applied; '\$' = comet observed at altitude 10° or lower, observations corrected by the observer using procedure of Green (*ibid.*); for a correction applied by the observer using Tables Ia, Ib, or Ic of Green (*ibid.*), the letters 'a', 'w', or 's', respectively, should be used; x indicates that a secondary source (often amateur computer software) was used to get supposedly correct comparison-star magnitudes from an accepted catalogue].

"MM" = the method employed for estimating the total (visual) magnitude; see article on page 186 of the Oct. 1996 issue [B = VBM method, M = Morris method, S = VSS or In-Out method, I = in-focus, C = unfiltered CCD, c = same as 'C', but for 'nuclear' magnitudes, V = electronic observations — usually CCD — with Johnson V filter, *etc.*]. "MAG." = total (visual) magnitude estimate; a colon indicates that the observation is only approximate, due to bad weather conditions, *etc.*; a left bracket (()) indicates that the comet was not seen, with an estimated limiting magnitude given (if the comet IS seen, and it is simply estimated to be fainter than a certain magnitude, a "greater-than" sign (>) must be used, not a bracket). "RF" = reference for total magnitude estimates (see pages 98-100 of the October 1992 issue, and Appendix C of the *ICQ Guide to Observing Comets*, for all of the 1- and 2-letter codes; an updated list is also maintained at the *ICQ* World Wide Website). "AP." = aperture in centimeters of the instrument used for the observations, usually given to tenths. "T" = type of instrument used for the observation (R = refractor, L = Newtonian reflector, B = binoculars, C = Cassegrain reflector, A = camera, T = Schmidt-Cassegrain reflector, S = Schmidt-Newtonian reflector, E = naked eye, *etc.*). "F/" and "PWR" are the focal ratio and power or magnification, respectively, of the instrument used for the observation — given to nearest whole integer (round even); note that for CCD observations, in place of magnification is given the exposure time in seconds [see page 11 of the January 1997 issue; a lower-case "a" indicates an exposure time under 1000 seconds, an upper-case "A" indicates an exposure time of 1000-1999 seconds (with the thousands digit replaced by the "A"), an upper-case "B" indicates an exposure time of 2000-2999 seconds (with the thousands digit replaced by the "B"), *etc.*].

"COMA" = estimated coma diameter in minutes of arc; an ampersand (&) indicates an approximate estimate; an exclamation mark (!) precedes a coma diameter when the comet was not seen (*i.e.*, was too faint) and where a limiting magnitude estimate is provided based on an "assumed" coma diameter (a default size of 1' or 30" is recommended; cf. *ICQ* 9, 100); a plus mark (+) precedes a coma diameter when a diaphragm was used electronically, thereby specifying the diaphragm size (*i.e.*, the coma is almost always larger than such a specified diaphragm size). "DC" = degree of condensation on a scale where 9 = stellar and 0 = diffuse (preceded by lower- and upper-case letters S and D to indicate the presence of stellar and disklike central condensations; cf. July 1995 issue, p. 90); a slash (/) indicates a value midway between the given number and the next-higher integer. "TAIL" = estimated tail length in degrees, to 0.01 degree if appropriate; again, an ampersand indicates a rough estimate. Lower-case letters between the tail length and the p.a. indicate that the tail was measured in arcmin ("m") or arcsec ("s"), *in which cases the decimal point is shifted one column to the right*. "PA" = estimated measured position angle of the tail to nearest whole integer in degrees (north = 0°, east = 90°). "OBS" = the observer who made the observation (given as a 3-letter, 2-digit code).

A complete list of the Keys to abbreviations used in the *ICQ* is available from the Editor for \$4.00 postpaid (available free of charge via e-mail); these Keys (with the exception of the Observer Codes) are also now available in the new *Guide to Observing Comets* and via the *ICQ*'s World Wide Web site. *Please note that data in archival form, and thus the data*

to be sent in machine-readable form, use a format that is different from that of the Tabulated data in the printed pages of the ICQ; see pages 59-61 of the July 1992 issue, p. 10 of the January 1995 issue, and p. 100 of the April 1996 issue for further information [note correction on page 140 of the October 1993 issue]. Further guidelines concerning reporting of data may be found on pages 59-60 of the April 1993 issue, and in the *ICQ Guide to Observing Comets*.

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Key to observers with observations published in this issue, with 2-digit numbers between Observer Code and Observer's Name indicating source [11 = Dutch Comet Section (via A. Scholten); 13 = Agrupacion Astronomica de Madrid (via J. Carvajal); 16 = Japanese observers (via Akimasa Nakamura, Kuma, Japan); 23 = Czech group (via P. Pravec and V. Znojil); 32 = Hungarian group (via K. Sarneczky); 35 = South American observers (via J. G. de Souza Aguiar, Brazil); 36 = Italian observers (via Antonio Milani); 37 = Ukrainian Comet Section (via A. R. Baransky); etc.]. Those with asterisks (*) preceding the 5-character code are new additions to the Observer Key:

| | | | |
|-----------|----------------------------------|-----------|----------------------------------|
| ADAO2 18 | Jacek Adamik, Poland | KAM01 | Andreas Kammerer, Germany |
| AKA 16 | Ayahiko Akahori, Japan | KID01 18 | Krzysztof Kida, Elblag, Poland |
| ALV 35 | Avelino A. Alves, Brazil | KOR01 19 | Valeriy L. Korneev, Russia |
| AM001 35 | Alexandre Amorim, Brazil | KOS04 37 | Denis S. Kosenkov, Russia |
| BAL03 42 | Igor I. Baluk, Gomel, Belarus | KWI 18 | Maciej Kwinta, Krakow, Poland |
| BAR06 37 | Alexandr R. Baransky, Ukraine | KYS 23 | J. Kysely, Czech Republic |
| *BAR10 18 | Jan Bartnikiewicz, Poland | LAU02 33 | Vygandas Laugalys, Lithuania |
| BEG01 15 | Mike Begbie, Harare, Zimbabwe | LIN04 | Mike Linnolt, HI, U.S.A. |
| BIV | Nicolas Biver, France | MAR02 13 | Jose Carvajal Martinez, Spain |
| BOU | Reinder J. Bouma, Netherlands | MAT08 | Michael Mattiazzo, S. Australia |
| BUR04 18 | Wojciech Burzynski, Poland | MER04 | Sergey Merzlakov, Russia |
| CER01 23 | Jakub Cerny, Praha, Czech Rep. | MIH 42 | Andrei Michailuk, Belarus |
| CHE03 33 | Kazimieras T. Cernis, Lithuania | MIL02 | Giannantonio Milani, Italy |
| CHR 18 | Antoni Chrapek, Pikulice, Poland | MIY01 16 | Osamu Miyazaki, Ishioka, Japan |
| COM 11 | Georg Comello, The Netherlands | MOR09 | Philippe Morel, France |
| COO02 | Tim P. Cooper, South Africa | NAG08 16 | Yoshimi Nagai, Koufu, Japan |
| CRE01 | Phillip J. Creed, OH, U.S.A. | NAK01 16 | Akimasa Nakamura, Kuma, Japan |
| CSU 32 | Matyas Csukas, Salonta, Romania | NES 37 | Yuriy V. Nesterov, Livny, Russia |
| *CSU01 32 | Istvan Csuti, Magld, Hungary | NEV 42 | Vitali S. Nevski, Belarus |
| DER 18 | Oskar Deren, Poland | ORI 16 | Takaaki Oribe, Saji, Japan |
| DES01 | Jose G. de Souza Aguiar, Brazil | *PAC03 18 | Pawel Paczkowski, Serock, Poland |
| DIE02 | Alfons Diepvens, Belgium | PAR03 18 | Mieczyslaw L. Paradowski, Poland |
| DIJ | Edwin van Dijk, The Netherlands | PEA 14 | Andrew R. Pearce, Australia |
| DRA02 18 | Michal Drahus, Krakow, Poland | POW01 18 | Jacek Powichrowski, Poland |
| DUS 18 | Grzegorz Duszpanowicz, Sweden | *POW02 18 | Dorota Powichrowska, Poland |
| END 16 | Tsunenobu Endo, Matsumoto, Japan | *PUL 35 | Eduardo Pulver, Argentina |
| ERO 42 | Alexei V. Erochin, Russia | RAE | Stuart T. Rae, New Zealand |
| FIL04 18 | Marcin Filipek, Poland | RES 18 | Maciej Reszelski, Poland |
| GIA01 | Antonio Giambersio, Italy | ROD01 13 | Diego Rodriguez, Mallorca, Spain |
| GON05 | Juan J. Gonzalez, Spain | ROM 42 | Aleksandr M. Romancev, Belarus |
| GRA04 24 | Bjoern Haakon Granslo, Norway | ROQ | Paul Roques, AZ, U.S.A. |
| *GRA09 18 | Krzysztof Graczevski, Poland | *SAL02 35 | Erwin Salazar G., Cusco, Peru |
| GRE03 15 | Trevor Green, South Africa | SAN04 38 | Juan M. San Juan, Madrid, Spain |
| GRO04 18 | Jaroslav Grolik, Poland | SAR02 32 | Krisztian Sarneczky, Hungary |
| GUZ 18 | Piotr Guzik, Krosno, Poland | SCH04 11 | Alex H. Scholten, Netherlands |
| HAL05 23 | Michal Haltuf, Kolin, Czech Rep. | SCI | Tomasz Sciezor, Poland |
| HAS02 | Werner Hasubick, Germany | SEA 14 | David A. J. Seargent, Australia |
| HAS08 16 | Yuji Hashimoto, Hiroshima, Japan | SEG 38 | Carlos Segarra, Valencia, Spain |
| HER02 | Carl Hergenrother, AZ, U.S.A. | SER02 | Jerome Serant, Chevillon, France |
| HOR02 23 | Kamil Hornoch, Czech Republic | SHA02 07 | Jonathan D. Shanklin, England |
| JON 09 | Albert F. Jones, New Zealand | SHU 42 | Sergey E. Shurpakov, Belarus |
| JON07 15 | Tony Jones, Cape Town, S. Africa | SIP 32 | Brigitta Sipocz, Hungary |
| KAD02 16 | KenIchi Kadota, Ageo, Japan | SMY 18 | Jaroslav Smyslo, Poland |

| | | | |
|----------|---------------------------------|-----------|---------------------------------|
| SOC 18 | Krzysztof Socha, Poland | *TSU04 16 | Kiyoshi Tsuchiya, Toma, Japan |
| SOU01 35 | Willian Carlos de Souza, Brazil | VAS05 42 | Aleksandr Vasilev, Belarus |
| SPA | Timothy Spahr, U.S.A. | *VAZ | Edvard V. Vazhorov, Russia |
| SPE01 18 | Jerzy Speil, Poland | VET | J. C. Vetterlein, Orkney, U.K. |
| STO03 07 | David Storey, England | WAT01 16 | Nobuo Watanabe, Hokkaido, Japan |
| SWI 18 | Mariusz Swietnicki, Poland | *WES06 | J. Doug West, KS, U.S.A. |
| SZA | Sandor Szabo, Sopron, Hungary | WLO 18 | Robert Wlodarczyk, Poland |
| TIL | Justin Tilbrook, S. Australia | YOS02 16 | Katsumi Yoshimoto, Hirao, Japan |
| TOTO3 32 | Zoltan Toth, Hungary | YOS04 16 | Seiichi Yoshida, Ibaraki, Japan |
| TRO02 35 | Victor Trombotto, Argentina | *YUM 35 | Mrs. Raquel Yumi, S.P., Brazil |
| TSU02 16 | Mitsunori Tsumura, Japan | ZDA 33 | Justas Zdanavicius, Lithuania |

◇ ◇ ◇

Comet C/1995 01 (Hale-Bopp)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-----|---|----|-----|-------|----|------|-----|------|
| 1996 07 06.90 | | M | 6.3 | AA | 11 | L | 7 | 54 | 11 | 2 | 1.5m | 334 | ERO |
| 1996 09 29.73 | | M | 5.4 | AA | 6 | R | 6 | 51 | 6 | 3 | | | ERO |
| 1996 10 04.71 | | M | 5.3 | AA | 6 | R | 6 | 51 | 7 | 3 | 1 m | 39 | ERO |
| 1996 10 13.69 | | M | 5.2 | AA | 6 | R | 6 | 51 | 9 | 5 | 2 m | 38 | ERO |
| 1996 11 07.64 | | M | 5.0 | AA | 6 | R | 6 | 51 | 7 | 4 | | | ERO |
| 1996 11 10.65 | | M | 5.0 | AA | 6 | R | 6 | 51 | 8 | 4/ | 42 m | 40 | ERO |
| 1997 02 03.10 | | M | 2.5 | AA | 5.0 | B | | 7 | 11 | 4 | 6 | 304 | ERO |
| 1997 02 19.13 | | M | 1.8 | AA | 5.0 | B | | 7 | 9 | 4 | 4 | 287 | ERO |
| 2000 11 22.76 | | S | [14.0 | VN | 41 | L | 4 | 200 | ! 0.5 | | | | PEA |
| 2001 01 22.54 | | S | [14.5 | VN | 41 | L | 4 | 200 | ! 0.5 | | | | PEA |

Comet C/1996 B2 (Hyakutake)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|-----|------|
| 1996 03 22.83 | | S | 1.7 | AA | 6 | L | 8 | 33 | 15 | 7 | 30 m | 240 | ERO |

Comet C/1997 BA_6 (Spacewatch)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-----|---|----|-----|-------|----|------|----|------|
| 2000 11 24.55 | | S | [13.7 | VN | 41 | L | 4 | 200 | ! 1.0 | | | | PEA |

Comet C/1997 N1 (Tabur)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|------|
| 1997 09 02.75 | a | S | 9.0: | AA | 5.0 | B | | 7 | 3 | 4/ | | | ERO |

Comet C/1998 M5 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|-------|
| 1999 03 21.81 | | S | 9.5 | TT | 13 | L | 8 | 69 | 3.5 | 3 | | | HOR02 |
| 1999 03 24.14 | | M | 8.7 | TT | 8.0 | B | | 10 | 8 | 3 | | | HOR02 |
| 1999 03 24.80 | | M | 10.0 | TT | 35 | L | 5 | 92 | 3.5 | 3 | | | HOR02 |
| 1999 03 25.14 | | M | 8.6 | TT | 8.0 | B | | 10 | 8.5 | 2/ | | | HOR02 |
| 1999 03 25.81 | | M | 10.1 | TT | 35 | L | 5 | 92 | 3 | 3 | | | HOR02 |
| 1999 03 27.19 | | S | 8.8 | TT | 8.0 | B | | 10 | 7.5 | 2/ | | | HOR02 |
| 1999 05 18.86 | | S | 11.0 | TT | 35 | L | 5 | 92 | 2.3 | 2/ | | | HOR02 |
| 1999 05 19.86 | | S | 11.0 | TT | 35 | L | 5 | 92 | 2.5 | 2/ | | | HOR02 |

Comet C/1998 P1 (Williams)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|-------|
| 1999 03 24.81 | | S | 11.5 | TI | 35 | L | 5 | 92 | 2 | 2 | | | HOR02 |

Comet C/1998 U5 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|-------|
| 1999 03 27.13 | | S | 13.3 | HS | 35 | L | 5 | 237 | 1.3 | 2/ | | | HOR02 |

Comet C/1999 E1 (Li)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2000 05 26.90 | | C | 16.9 | HS | 35.0 | M | 4 | a120 | 0.3 | | | | CHE03 |
| 2000 05 26.94 | | C | 17.1 | HS | 35.0 | M | 4 | a100 | 0.3 | | | | CHE03 |
| 2000 06 01.92 | | C | 16.8 | HS | 35.0 | M | 4 | a 90 | 0.3 | | | | CHE03 |
| 2001 01 23.50 | | k | 19.0 | L | 226.0 | C | 2 | a120 | 0.26 | 7 | 23 s | 278 | HER02 |
| 2001 01 30.86 | ! | k | 18.3 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.5m | 271 | ORI |
| 2001 02 18.83 | ! | k | 18.5 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.4m | 260 | ORI |
| 2001 03 21.75 | ! | k | 19.2 | LA | 103.0 | C | 4 | a240 | 0.25 | 1 | 0.5m | 260 | ORI |

Comet C/1999 H1 (Lee)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|-----|------|----|-----|---|----|-----|------|----|------|----|-------|
| 1999 05 19.85 | | a S | 7.4 | TT | 35 | L | 5 | 92 | 3 | 3 | | | HOR02 |

Comet C/1999 H3 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 1999 05 18.87 | | S | 13.3 | HS | 35 | L | 5 | 158 | 1.3 | 3 | | | HOR02 |
| 1999 05 19.87 | | S | 13.3 | HS | 35 | L | 5 | 158 | 1.4 | 3 | | | HOR02 |
| 1999 05 22.04 | | S | 13.3 | HS | 35 | L | 5 | 158 | 1.3 | 2/ | | | HOR02 |
| 2000 05 26.90 | | C | 15.5 | HS | 35.0 | M | 4 | a120 | 0.4 | | 1.3m | | CHE03 |
| 2000 05 26.93 | | C | 15.8 | HS | 35.0 | M | 4 | a100 | 0.6 | | 1.1m | | CHE03 |
| 2000 05 26.96 | | C | 16.0 | HS | 35.0 | M | 4 | a 60 | | | | | LAU02 |
| 2000 06 01.92 | | C | 15.8 | HS | 35.0 | M | 4 | a 90 | 0.5 | | | | CHE03 |
| 2000 06 05.89 | | C | 15.7 | HS | 35.0 | M | 4 | a120 | 0.5 | | | | CHE03 |
| 2001 01 01.72 | | C | 16.6 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 01 03.79 | | C | 16.5 | TJ | 18.0 | L | 6 | a300 | 0.4 | | | | KAD02 |
| 2001 02 16.73 | | C | 16.4 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 02 20.58 | | C | 16.2 | GA | 60.0 | Y | 6 | a120 | 0.7 | | | | NAK01 |
| 2001 03 13.56 | | C | 16.3 | GA | 60.0 | Y | 6 | a120 | 0.9 | | | | NAK01 |
| 2001 03 18.58 | | C | 16.6 | TJ | 18.0 | L | 6 | a240 | 0.4 | | | | KAD02 |
| 2001 04 14.93 | d | k | 15.9 | LB | 35 | L | 5 | a600 | 0.55 | | | | HOR02 |
| 2001 04 26.46 | | C | 16.8 | GA | 60.0 | Y | 6 | a120 | 0.6 | | | | NAK01 |

Comet C/1999 J2 (Skiff)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 1999 05 18.89 | | S | 14.9 | HS | 35 | L | 5 | 237 | 0.5 | 3 | | | HOR02 |
| 1999 05 20.03 | | S | 14.5 | HS | 35 | L | 5 | 237 | 0.6 | 3/ | | | HOR02 |
| 1999 05 22.02 | | S | 14.5 | HS | 35 | L | 5 | 237 | 0.6 | 3/ | | | HOR02 |
| 2000 05 25.88 | | V | 15.3 | HS | 35.0 | M | 4 | a100 | | | 1.8m | | CHE03 |
| 2000 05 26.91 | | C | 15.2 | HS | 35.0 | M | 4 | a 90 | 0.4 | | 1.7m | | CHE03 |
| 2000 05 26.93 | | C | 15.5 | HS | 35.0 | M | 4 | a120 | 0.4 | | 1.1m | | CHE03 |
| 2000 05 27.87 | | C | 15.3 | HS | 35.0 | M | 4 | a100 | | | | | LAU02 |
| 2000 05 27.90 | | C | 15.4 | HS | 35.0 | M | 4 | a150 | | | 2.0m | | CHE03 |
| 2000 06 01.93 | | C | 15.6 | HS | 35.0 | M | 4 | a120 | | | 1.5m | | CHE03 |
| 2000 06 02.94 | | C | 15.6 | HS | 35.0 | M | 4 | a120 | | | 1.5m | | CHE03 |
| 2000 06 03.88 | | C | 15.2 | HS | 35.0 | M | 4 | a 60 | | | 2.0m | | CHE03 |
| 2000 06 05.88 | | C | 16.0 | HS | 35.0 | M | 4 | a 75 | | | 1.7m | | CHE03 |
| 2000 06 07.96 | | C | 16.4 | HS | 35.0 | M | 4 | a100 | | | 1.7m | | CHE03 |
| 2000 12 12.84 | | C | 16.4 | TJ | 18.0 | L | 6 | a 90 | 0.25 | | | | KAD02 |
| 2000 12 23.85 | | C | 16.5 | TJ | 18.0 | L | 6 | a120 | 0.3 | | | | KAD02 |
| 2000 12 26.85 | | C | 16.4 | TJ | 18.0 | L | 6 | a120 | 0.3 | | | | KAD02 |
| 2001 01 23.82 | | C | 16.6 | TJ | 18.0 | L | 6 | a120 | 0.3 | | | | KAD02 |
| 2001 02 22.78 | | C | 16.2 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 03 02.76 | | C | 16.7 | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 03 15.75 | | C | 16.7 | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 03 21.79 | | C | 16.5 | GA | 60.0 | Y | 6 | a120 | 0.5 | | 1.6m | 3 | NAK01 |
| 2001 04 01.73 | | C | 16.5 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 04 14.09 | | C | 15.9 | HS | 14.3 | D | 4 | a120 | 0.2 | 0 | | | MOR09 |
| 2001 04 22.58 | | C | 16.5 | TJ | 18.0 | L | 6 | a240 | 0.4 | | | | KAD02 |

Comet C/1999 J2 (Skiff) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|----|-------|
| 2001 04 22.72 | | C | 16.3 | GA | 60.0 | Y | 6 | a120 | 0.45 | | 3.3m | 10 | NAK01 |
| 2001 04 26.88 | | S | [14.5 | HS | 44.0 | L | 5 | 286 | | | | | HAS02 |

Comet C/1999 K2 (Ferris)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2000 06 05.98 | | C | 16.2 | HS | 35.0 | M | 4 | a120 | 0.1 | | | | LAU02 |

Comet C/1999 K5 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-----|---|----|-----|------|----|------|----|-------|
| 2000 11 22.77 | | S | 13.5 | GA | 41 | L | 4 | 200 | 0.7 | 3 | | | PEA |
| 2000 11 24.78 | | S | 13.7 | GA | 41 | L | 4 | 200 | 0.6 | 3 | | | PEA |
| 2000 11 25.76 | | S | 13.7 | GA | 41 | L | 4 | 200 | 0.6 | 2 | | | PEA |
| 2000 11 29.77 | | S | 13.6 | GA | 41 | L | 4 | 200 | 0.6 | 4 | | | PEA |
| 2000 11 30.77 | | S | 13.6 | GA | 41 | L | 4 | 200 | 0.6 | 3/ | | | PEA |
| 2000 12 01.76 | | S | 13.6 | GA | 41 | L | 4 | 200 | 0.6 | 3 | | | PEA |
| 2000 12 02.73 | | S | 13.6 | GA | 41 | L | 4 | 200 | 0.5 | 3 | | | PEA |
| 2000 12 03.76 | | S | 13.5 | GA | 41 | L | 4 | 200 | 0.6 | 4/ | | | PEA |
| 2000 12 07.80 | | S | 13.6 | GA | 41 | L | 4 | 200 | 0.7 | 3/ | | | PEA |
| 2000 12 21.77 | | S | 13.8 | GA | 41 | L | 4 | 200 | 0.7 | 3/ | | | PEA |
| 2000 12 22.78 | | S | 13.8 | GA | 41 | L | 4 | 200 | 0.7 | 2 | | | PEA |
| 2000 12 23.75 | | S | 13.8 | GA | 41 | L | 4 | 200 | 0.6 | 3 | | | PEA |
| 2000 12 24.76 | | S | 13.7 | GA | 41 | L | 4 | 200 | 0.6 | 3 | | | PEA |
| 2001 01 02.76 | | S | 13.7 | GA | 41 | L | 4 | 200 | 0.5 | 3 | | | PEA |
| 2001 01 03.77 | | S | 13.9 | GA | 41 | L | 4 | 200 | 0.5 | 2 | | | PEA |
| 2001 01 04.77 | | S | 13.8 | GA | 41 | L | 4 | 200 | 0.5 | 2 | | | PEA |
| 2001 01 28.54 | | S | 14.0: | HS | 20 | L | 7 | 160 | 0.5 | 4 | | | MAT08 |

Comet C/1999 K8 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|-----|---|----|------|------|----|------|----|-------|
| 2000 12 20.89 | | d | k 16.2 | LB | 35 | L | 5 | a480 | 0.4 | | | | HOR02 |

Comet C/1999 N2 (Lynn)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|--------------|---|-----|------|----|-----|---|----|------|------|----|------|----|------|
| 2000 12 22.4 | | [21 | : | | 120 | L | 7 | a600 | | | | | SPA |

Comet C/1999 N4 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|-------|---|----|------|------|----|------|-----|-------|
| 2001 03 21.79 | | ! | k 17.0 | LA | 103.0 | C | 4 | a240 | 0.6 | | 1.0m | 105 | ORI |
| 2001 03 21.80 | | C | 16.9 | GA | 60.0 | Y | 6 | a240 | 0.55 | | 1.1m | 97 | NAK01 |
| 2001 03 26.74 | | C | 17.3 | TJ | 18.0 | L | 6 | a240 | 0.25 | | | | KAD02 |
| 2001 04 22.73 | | C | 17.1 | GA | 60.0 | Y | 6 | a240 | 0.45 | | | 90 | NAK01 |

Comet C/1999 S4 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|-----|------|----|------|-----|-------|
| 2000 06 26.14 | | M | 7.9 | AA | 5.0 | B | | 10 | 12 | 4 | | | BEG01 |
| 2000 06 29.01 | | B | 8.9 | TI | 7.6 | L | 10 | 35 | 4 | | 0.25 | 260 | CER01 |
| 2000 07 04.00 | | B | 8.4 | TI | 7.6 | L | 10 | 35 | 4 | | 0.33 | 260 | CER01 |
| 2000 07 28.70 | | M | 7.9 | AA | 5.0 | B | | 10 | 9.5 | 2 | | | BEG01 |
| 2000 07 29.75 | | S | 6.9 | S | 20.0 | C | 10 | 160 | 2.1 | 3 | 0.3 | 90 | JON07 |
| 2000 07 30.72 | | M | 9.2 | AA | 15.0 | L | 7 | 50 | | 2 | | | BEG01 |

Comet C/1999 T1 (McNaught-Hartley)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|-----|------|----|------|-----|-------|
| 2000 01 02.07 | | S | 8.0 | S | 20.0 | L | | 83 | | 4 | | | C0002 |
| 2000 11 01.83 | | x | S 8.8 | TT | 20 | L | 4 | 45 | 2.8 | 5 | 0.15 | 195 | PEA |
| 2000 11 03.65 | | x | S 9.4 | TT | 31.7 | L | 5 | 97 | & 2 | 4 | | | JON |
| 2000 11 03.83 | | x | S 8.8 | TT | 20 | L | 4 | 45 | 3.4 | 5 | 0.12 | 220 | PEA |
| 2000 11 04.64 | | x | S 9.2 | TT | 31.7 | L | 5 | 64 | & 2 | 5 | | | JON |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|-----|----|------|----|------|---|----|------|-------|-----|------|-----|-------|
| 2000 11 04.83 | x | S | 8.8 | TT | 20 | L | 4 | 45 | 3.6 | 5 | 0.20 | 250 | PEA |
| 2000 11 07.65 | x | S | 9.3 | TT | 31.7 | L | 5 | 64 | & 1.5 | 4 | | | JON |
| 2000 11 15.64 | x | S | 9.4 | TT | 31.7 | L | 5 | 64 | & 1.5 | 3 | | | JON |
| 2000 11 18.83 | x | S | 8.5 | TT | 20 | L | 4 | 45 | 2.5 | 6 | | | PEA |
| 2000 11 19.81 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.4 | 6 | | | PEA |
| 2000 11 20.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.2 | 6 | | | PEA |
| 2000 11 21.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.2 | 6 | | | PEA |
| 2000 11 22.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 3.0 | 5 | | | PEA |
| 2000 11 23.65 | x | S | 9.2 | TT | 31.7 | L | 5 | 64 | & 1 | | | | JON |
| 2000 11 24.83 | x | S | 8.5 | TT | 20 | L | 4 | 45 | 2.8 | 5 | | | PEA |
| 2000 11 25.81 | x | S | 8.4: | TT | 20 | L | 4 | 45 | | 5 | | | PEA |
| 2000 11 26.63 | x | S | 8.1 | TT | 7.8 | R | 8 | 30 | & 1 | | | | JON |
| 2000 11 28.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.0 | 6 | | | PEA |
| 2000 11 29.83 | x | S | 8.3 | TT | 20 | L | 4 | 45 | 2.0 | 6 | | | PEA |
| 2000 11 30.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.4 | 5 | | | PEA |
| 2000 12 02.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.9 | 5 | | | PEA |
| 2000 12 03.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 3.0 | 5 | | | PEA |
| 2000 12 04.63 | x | S | 8.5 | TT | 7.8 | R | 8 | 30 | & 1 | | | | JON |
| 2000 12 07.83 | x | S | 8.4 | TT | 20 | L | 4 | 45 | 2.3 | 5 | | | PEA |
| 2000 12 09.83 | x | S | 8.7 | TJ | 31.7 | L | 6 | 63 | 2.8 | 5/ | | | MIY01 |
| 2000 12 12.83 | | C | 8.6 | TJ | 18.0 | L | 6 | a 30 | 3.2 | | 7.0m | 219 | KAD02 |
| 2000 12 15.82 | | C | 8.8 | TJ | 18.0 | L | 6 | a 30 | 3.0 | | 5.4m | 218 | KAD02 |
| 2000 12 18.82 | x | S | 8.3 | TT | 20 | L | 4 | 45 | 3.4 | 4/ | | | PEA |
| 2000 12 20.21 | | M | 7.8 | TT | 8.0 | B | | 10 | 7 | 5/ | | | HOR02 |
| 2000 12 21.20 | | B | 8.2 | TI | 7.6 | L | 10 | 35 | 4 | | | | CER01 |
| 2000 12 21.22 | | M | 9.2 | TI | 15 | L | 4 | 42 | & 6 | 4 | | | HAL05 |
| 2000 12 21.83 | x | S | 8.3 | TT | 20 | L | 4 | 45 | 2.5 | 4 | | | PEA |
| 2000 12 22.18 | | S | 7.7 | AA | 6.0 | B | | 15 | 8 | 4/ | 0.15 | | KOR01 |
| 2000 12 22.19 | | S | 7.6 | AA | 11 | V | 3 | 17 | 10 | 5 | 0.2 | | KOR01 |
| 2000 12 22.19 | x | S | 8.5 | TJ | 20.6 | L | 8 | 52 | & 3 | d2/ | | | PAC03 |
| 2000 12 22.20 | x | B | 8.0 | TJ | 5.0 | B | | 12 | 10 | 5 | | | SMY |
| 2000 12 22.20 | x& | M | 8.0 | TT | 10.0 | B | | 25 | 3 | S6/ | | | DRA02 |
| 2000 12 22.83 | x | S | 8.3 | TT | 20 | L | 4 | 45 | 3.0 | 4 | | | PEA |
| 2000 12 23.16 | | S | 8.1 | HS | 34 | T | | 70 | 2 | s4 | 0.1 | 280 | SZA |
| 2000 12 23.18 | | M | 7.9 | TT | 8.0 | B | | 10 | 7 | 4/ | | | HOR02 |
| 2000 12 23.20 | x | B | 8.2 | TJ | 5.0 | B | | 12 | 8 | 5 | | | SMY |
| 2000 12 23.82 | | C | 8.5 | TJ | 18.0 | L | 6 | a 60 | 4.4 | | 10 m | 221 | KAD02 |
| 2000 12 23.83 | x | S | 8.2 | TT | 20 | L | 4 | 45 | 3.5 | 4 | 0.20 | 265 | PEA |
| 2000 12 24.16 | | S | 7.5 | AA | 6.0 | B | | 15 | 8 | 5/ | 0.15 | | KOR01 |
| 2000 12 24.16 | | S | 7.5 | AA | 11 | V | 3 | 17 | 8 | 5/ | 0.18 | | KOR01 |
| 2000 12 24.17 | x | S | 8.1 | TJ | 15.0 | L | 6 | 81 | 2.5 | 6 | | | GUZ |
| 2000 12 24.19 | x | M | 7.8 | TJ | 14.0 | L | 6 | 46 | & 3 | 5 | | | ADA02 |
| 2000 12 24.22 | | M | 8.0 | TI | 15 | L | 4 | 42 | 3.0 | 6 | | | HAL05 |
| 2000 12 24.83 | x | S | 8.2 | TT | 20 | L | 4 | 45 | 2.6 | 5 | | | PEA |
| 2000 12 25.16 | | S | 7.5 | AA | 6.0 | B | | 15 | 10 | 5 | 0.1 | | KOR01 |
| 2000 12 25.18 | | S | 7.5 | AA | 11 | V | 3 | 17 | 10 | 5/ | 0.12 | | KOR01 |
| 2000 12 25.19 | x | S | 7.9 | TJ | 25 | L | 6 | 54 | 3 | 5 | | | SWI |
| 2000 12 25.20 | x | B | 8.2 | TJ | 14.0 | L | 6 | 46 | & 3 | 5 | | | ADA02 |
| 2000 12 25.22 | x\$ | B | 8.2: | TT | 8.0 | B | | 15 | | 5/ | | | DUS |
| 2000 12 25.29 | | S | 7.2 | TT | 10 | R | 9 | 30 | 5 | | | | VET |
| 2000 12 26.15 | | S | 7.5 | AA | 6.0 | B | | 15 | 10 | 5 | >0.1 | | KOR01 |
| 2000 12 26.17 | | S | 7.6 | AA | 11 | V | 3 | 17 | 10 | 6 | 0.1 | | KOR01 |
| 2000 12 26.80 | x | S | 7.9 | TT | 8.0 | B | | 20 | 6 | 4/ | | | PEA |
| 2000 12 26.84 | | C | 8.8 | TJ | 18.0 | L | 6 | a 30 | 4.5 | | 12 m | 223 | KAD02 |
| 2000 12 27.16 | | S | 7.5 | AA | 6.0 | B | | 15 | 10 | 5 | 0.1 | | KOR01 |
| 2000 12 27.17 | | S | 7.5 | AA | 11 | V | 3 | 17 | 8 | 5/ | 0.1 | | KOR01 |
| 2000 12 27.30 | | S | 7.0 | TT | 10 | R | 9 | 30 | 5 | | | | VET |
| 2000 12 27.81 | x | S | 8.0 | TT | 8.0 | B | | 20 | 6 | 4/ | | | PEA |
| 2000 12 28.15 | | S | 7.3 | AA | 50 | L | 4 | 100 | 10 | 5 | 0.23 | | KOR01 |
| 2000 12 28.15 | | S | 7.4 | AA | 6.0 | B | | 15 | 8 | 5 | 0.2 | | KOR01 |
| 2000 12 28.16 | | S | 7.4 | AA | 11 | V | 3 | 17 | 8 | 5/ | 0.15 | | KOR01 |
| 2000 12 28.78 | x | S | 8.1 | TT | 8.0 | B | | 20 | 6 | 4 | | | PEA |
| 2000 12 29.10 | | S | 7.6 | AA | 6.0 | B | | 15 | 8 | 4/ | 0.2 | 290 | KOR01 |
| 2000 12 29.11 | | S | 7.6 | AA | 11 | V | 3 | 17 | 10 | 4/ | 0.25 | 290 | KOR01 |
| 2000 12 29.18 | | B | 7.9 | TI | 7.6 | L | 10 | 35 | 6 | | | | CER01 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|------|----|------|---|-----|-----|------|----|-------|-----|-------|
| 2000 12 29.19 | | M | 7.6 | TT | 8.0 | B | | 10 | 7.5 | 6 | | | HOR02 |
| 2000 12 29.23 | | M | 7.9 | TJ | 7.0 | R | 7 | 24 | 3.5 | 4 | | | GRA04 |
| 2000 12 29.30 | | S | 7.2 | TT | 10 | R | 9 | 30 | 5 | | | | VET |
| 2000 12 29.80 | | C | 8.6 | GA | 40.0 | L | 6 a | 20 | 3.5 | | > 9 m | 282 | AKA |
| 2000 12 29.81 | | C | 8.6 | TJ | 18.0 | L | 6 a | 40 | 4.0 | | 10 m | 226 | KAD02 |
| 2000 12 29.82 | x | S | 8.0 | TT | 8.0 | B | | 20 | 6.5 | 4/ | | | PEA |
| 2000 12 30.20 | | S | 7.2 | TT | 10 | R | 9 | 30 | 6 | | 0.06 | | VET |
| 2000 12 30.27 | | S | 7.8 | TJ | 7.0 | R | 7 | 24 | 4 | 4 | | | GRA04 |
| 2000 12 30.82 | x | S | 7.9 | TT | 8.0 | B | | 20 | 5.8 | 4 | | | PEA |
| 2000 12 31.08 | | S | 7.6 | AA | 6.0 | B | | 15 | 8 | 4 | 0.15 | 285 | KOR01 |
| 2000 12 31.10 | | S | 7.7 | AA | 11 | V | 3 | 17 | 9 | 4/ | 0.2 | 290 | KOR01 |
| 2000 12 31.24 | | S | 7.7 | TK | 5.0 | B | | 7 | 6 | 5 | | | BIV |
| 2000 12 31.24 | | S | 7.9 | TK | 25.6 | L | 5 | 42 | 4 | 5 | 0.15 | 300 | BIV |
| 2000 12 31.26 | | S | 8.0 | TT | 6 | R | 13 | 40 | 8 | 4 | | | AM001 |
| 2000 12 31.27 | | S | 7.0 | TT | 17.8 | M | 15 | 60 | 6 | | 0.06 | | VET |
| 2000 12 31.27 | | S | 7.2 | TT | 10 | R | 9 | 30 | 6 | | | | VET |
| 2000 12 31.27 | | S | 7.8 | TT | 14.3 | L | 6 | 45 | 8 | 5 | | | AM001 |
| 2000 12 31.81 | x | S | 8.0 | TT | 8.0 | B | | 20 | 6 | 4 | | | PEA |
| 2001 01 01.07 | | S | 7.6 | AA | 6.0 | B | | 15 | 10 | 4 | 0.15 | 290 | KOR01 |
| 2001 01 01.09 | | S | 7.7 | AA | 11 | V | 3 | 17 | 10 | 4/ | 0.2 | 290 | KOR01 |
| 2001 01 01.19 | | S | 8.5 | TI | 11 | L | 7 | 50 | 4 | 3 | | | BAR06 |
| 2001 01 01.28 | | S | 7.9 | TJ | 7.0 | R | 7 | 24 | 3.5 | 4 | | | GRA04 |
| 2001 01 01.83 | x | S | 8.1 | TT | 20 | L | 4 | 45 | 4 | 4 | | | PEA |
| 2001 01 01.85 | | C | 8.5 | TJ | 18.0 | L | 6 a | 40 | 4.8 | | 12 m | 226 | KAD02 |
| 2001 01 01.85 | x | S | 7.7 | TJ | 10.0 | B | | 20 | 5 | 6 | | | NAG08 |
| 2001 01 02.08 | | S | 7.7 | AA | 6.0 | B | | 15 | 8 | 4 | 0.15 | 290 | KOR01 |
| 2001 01 02.10 | | S | 7.8 | AA | 11 | V | 3 | 17 | 10 | 4/ | 0.15 | 285 | KOR01 |
| 2001 01 02.83 | | S | 7.6 | TJ | 25.4 | T | 6 | 32 | 6.0 | 6 | 10 m | 260 | YOS04 |
| 2001 01 02.83 | x | S | 7.9 | TT | 20 | L | 4 | 45 | 3.5 | 5 | | | PEA |
| 2001 01 02.85 | xw | M | 8.4 | TT | 10.0 | B | | 20 | 6 | 5 | | | YOS02 |
| 2001 01 03.10 | | S | 7.8 | AA | 6.0 | B | | 15 | 10 | 4/ | | | KOR01 |
| 2001 01 03.11 | | S | 7.8 | AA | 11 | V | 3 | 17 | 10 | 4 | | | KOR01 |
| 2001 01 03.25 | | B | 7.7 | TJ | 5.0 | B | | 7 | 5 | | | | GRA04 |
| 2001 01 03.25 | | S | 7.7 | TJ | 7.0 | R | 7 | 24 | 5 | 5 | | | GRA04 |
| 2001 01 03.27 | | S | 7.8 | TT | 5.0 | B | | 7 | 6 | 3 | | | AM001 |
| 2001 01 03.27 | | S | 7.8 | TT | 14.3 | L | 6 | 45 | 5 | 5 | | | AM001 |
| 2001 01 03.61 | | S | 7.9 | TK | 5.0 | R | | 16 | 8 | 5 | | | BIV |
| 2001 01 03.61 | | S | 7.9 | TK | 20.3 | L | 6 | 40 | 7 | 5 | 0.15 | 290 | BIV |
| 2001 01 04.08 | | S | 7.9 | AA | 5 | R | 8 | 25 | 10 | 4/ | | | KOR01 |
| 2001 01 04.08 | | S | 7.9 | AA | 10 | R | 6 | 30 | 10 | 4 | | | KOR01 |
| 2001 01 04.09 | | S | 7.9 | AA | 50 | L | 4 | 100 | 9 | 4/ | 0.1 | | KOR01 |
| 2001 01 04.26 | | S | 7.2 | TT | 10 | R | 9 | 30 | 6 | | 0.06 | | VET |
| 2001 01 04.63 | | S | 7.8 | TK | 20.3 | L | 6 | 40 | 7 | 6 | 0.25 | 280 | BIV |
| 2001 01 04.82 | x | S | 7.9 | TT | 20 | L | 4 | 45 | 3.8 | 5 | | | PEA |
| 2001 01 04.82 | x | S | 8.0 | TJ | 31.7 | L | 6 | 63 | 3.0 | 5 | 0.10 | 260 | MIY01 |
| 2001 01 04.85 | x | S | 7.7 | TJ | 8.0 | B | | 11 | 5 | 7 | | | NAG08 |
| 2001 01 05.63 | | S | 8.0 | TK | 5.0 | R | | 16 | 8 | 5 | | | BIV |
| 2001 01 05.64 | | S | 7.9 | TK | 20.3 | L | 6 | 40 | 7 | 6 | 0.2 | 290 | BIV |
| 2001 01 05.83 | | S | 8.2 | TJ | 31.7 | L | 6 | 63 | 2.6 | 5 | 0.08 | 260 | MIY01 |
| 2001 01 05.85 | x | S | 7.8 | TJ | 8.0 | B | | 11 | 6 | 7 | | | NAG08 |
| 2001 01 06.07 | | S | 7.9 | AA | 6.0 | B | | 15 | 10 | 5 | | | KOR01 |
| 2001 01 06.08 | | S | 7.9 | AA | 11 | V | 3 | 17 | 10 | 4/ | | | KOR01 |
| 2001 01 06.62 | | B | 7.8 | TK | 20.3 | L | 6 | 40 | 7 | 5 | 0.3 | 290 | BIV |
| 2001 01 06.62 | | S | 7.8 | TK | 5.0 | R | | 16 | 7 | 5 | | | BIV |
| 2001 01 06.81 | | S | 8.7 | TJ | 31.7 | L | 6 | 63 | 2.5 | 5 | 0.07 | 280 | MIY01 |
| 2001 01 07.18 | x& | B | 7.0 | TJ | 35 | L | 6 | 105 | & 8 | D5 | &15 m | | CHR |
| 2001 01 07.63 | | S | 7.9 | TK | 5.0 | R | | 10 | 9 | 5 | | | BIV |
| 2001 01 09.25 | & | C | 9.1 | HS | 14.3 | D | 4 a | 60 | 3.2 | 3 | 8.0m | 264 | MOR09 |
| 2001 01 09.25 | & | C | 9.1 | HS | 14.3 | D | 4 a | 60 | 3.2 | 3 | 8.0m | 264 | MOR09 |
| 2001 01 10.12 | | S | 7.2 | SP | 10 | R | 4 | 18 | 6 | 3 | | | BAL03 |
| 2001 01 11.12 | | S | 7.0 | SP | 10 | R | 4 | 18 | 5 | 3 | | | BAL03 |
| 2001 01 11.21 | | S | 7.9 | AC | 6.0 | B | | 20 | 5 | 3 | | | RES |
| 2001 01 11.83 | | C | 8.4 | TJ | 18.0 | L | 6 a | 40 | 4.9 | | 18 m | 286 | KAD02 |
| 2001 01 12.20 | x | B | 8.2 | TT | 20 | L | 5 | 50 | 8 | S6 | | | POW01 |
| 2001 01 12.21 | | M | 7.6 | TT | 8.0 | B | | 10 | 7.5 | 6 | | | HOR02 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|------|----|------|---|----|------|-------|----|--------|-------|-------|
| 2001 01 12.21 | | S | 7.9 | AC | 6.0 | B | | 20 | 4 | 3 | | | RES |
| 2001 01 12.22 | x | B | 8.0 | TJ | 7.0 | B | | 25 | & 8 | d2 | | | SOC |
| 2001 01 13.20 | | S | 7.7 | AC | 41 | L | 5 | 72 | 6 | 3 | | | RES |
| 2001 01 13.25 | | S | 8.2 | TK | 25.6 | L | 5 | 42 | 5 | 6 | | | BIV |
| 2001 01 13.85 | | C | 8.5 | TJ | 18.0 | L | 6 | a 40 | 4.3 | | 16 | m 285 | KAD02 |
| 2001 01 14.20 | | M | 7.5 | TT | 8.0 | B | | 10 | 7 | 5/ | | | HORO2 |
| 2001 01 14.21 | w | S | 8.2 | NP | 8.0 | B | 5 | 20 | 5 | 4 | | | MILO2 |
| 2001 01 14.24 | | S | 7.9: | HJ | 15.0 | M | 10 | 27 | 7 | 5 | | | SERO2 |
| 2001 01 14.25 | | S | 8.3 | TK | 25.6 | L | 5 | 42 | 5 | 5 | | | BIV |
| 2001 01 14.84 | | C | 8.4 | TJ | 18.0 | L | 6 | a 40 | 5.1 | | 19 | m 283 | KAD02 |
| 2001 01 15.19 | | M | 7.5 | TT | 8.0 | B | | 10 | 7 | 5/ | | | HORO2 |
| 2001 01 15.19 | | S | 7.6 | AA | 6.0 | B | | 20 | 5 | 3 | | | CSU |
| 2001 01 15.22 | | S | 7.3 | TT | 8.0 | B | | 20 | 5 | | | | VET |
| 2001 01 15.22 | & | S | 8.3 | HS | 20.3 | L | 4 | 61 | 3.8 | 2 | 5.0m | 307 | MORO9 |
| 2001 01 15.22 | & | S | 8.3 | HS | 20.3 | L | 4 | 61 | 3.8 | 2 | 5.0m | 307 | MORO9 |
| 2001 01 15.23 | | S | 8.3 | HV | 20.3 | T | 10 | 50 | 2.2 | 6 | | | KAM01 |
| 2001 01 15.28 | | S | 7.5: | TT | 14.3 | L | 6 | 45 | 3 | 1/ | | | AM001 |
| 2001 01 16.18 | | M | 7.6 | TT | 8.0 | B | | 10 | 8 | 5/ | | | HORO2 |
| 2001 01 16.19 | | S | 7.6 | AA | 6.0 | B | | 20 | 5 | 3 | | | CSU |
| 2001 01 16.21 | | S | 8.4 | AA | 15.0 | R | 8 | 30 | 5 | 5 | | | DIE02 |
| 2001 01 16.81 | x | S | 7.8 | TJ | 10.0 | B | | 20 | 5 | 6 | | | NAG08 |
| 2001 01 17.19 | x | E | 8.1 | TJ | 15.0 | L | 6 | 48 | 4 | 6 | | | GUZ |
| 2001 01 17.19 | | S | 7.6 | AA | 6.0 | B | | 20 | 5 | 3 | | | CSU |
| 2001 01 17.19 | | S | 7.8: | AC | 20.0 | L | 4 | 42 | & 1.5 | 7 | | | SCH04 |
| 2001 01 17.23 | & | S | 8.5 | HS | 20.3 | L | 4 | 61 | 4.5 | 2 | | | MORO9 |
| 2001 01 17.23 | & | S | 8.5 | HS | 20.3 | L | 4 | 61 | 4.5 | 2 | | | MORO9 |
| 2001 01 17.83 | x | S | 7.8 | TJ | 8.0 | B | | 11 | 5 | 6 | | | NAG08 |
| 2001 01 18.14 | x | S | 8.0 | TJ | 6.5 | R | 6 | 28 | 4 | 5 | | | SWI |
| 2001 01 18.18 | x | E | 8.2 | TJ | 14.0 | L | 6 | 46 | & 4 | 5 | | | ADA02 |
| 2001 01 18.18 | | S | 7.6 | AA | 6.0 | B | | 20 | 5 | 3 | | | CSU |
| 2001 01 18.81 | | S | 7.6 | TJ | 25.4 | T | 6 | 32 | 6.5 | 6 | | | YOS04 |
| 2001 01 18.83 | | C | 8.5 | TJ | 18.0 | L | 6 | a 40 | 5.5 | | 18 | m 289 | KAD02 |
| 2001 01 18.84 | x | S | 8.0 | TJ | 8.0 | B | | 11 | 5 | 6 | | | NAG08 |
| 2001 01 19.13 | x | M | 7.8 | TJ | 5.0 | B | | 10 | 6 | D6 | | | GUZ |
| 2001 01 19.18 | | S | 7.6 | AA | 6.0 | B | | 20 | 5 | 3/ | | | CSU |
| 2001 01 19.23 | | S | 7.8 | TT | 10.0 | B | | 25 | 4.9 | 4 | | | HAS02 |
| 2001 01 19.71 | | M | 8.1 | TT | 10 | B | | 25 | 2.0 | 5 | | | MAT08 |
| 2001 01 20.12 | x& | B | 7.5 | TJ | 35 | L | 6 | 105 | & 8 | D5 | &12 | m | CHR |
| 2001 01 20.17 | x | M | 7.9 | TJ | 15.0 | L | 6 | 48 | 6 | D6 | | | GUZ |
| 2001 01 20.18 | x | S | 8.4 | TJ | 20.6 | L | 8 | 52 | 2.5 | d3 | 0.05 | 290 | PAC03 |
| 2001 01 20.21 | x | B | 8.6 | TJ | 7.0 | B | | 25 | & 5 | 0 | | | SOC |
| 2001 01 21.16 | | S | 7.6 | TT | 10 | R | 9 | 30 | 5 | | 0.05 | | VET |
| 2001 01 21.17 | x | B | 7.9 | TJ | 6.5 | R | 6 | 28 | 4 | 4 | | | SWI |
| 2001 01 21.17 | ! | C | 8.6 | HI | 40 | D | 2 | a060 | > 4.4 | D6 | >12.4m | 285 | ROD01 |
| 2001 01 21.18 | x | M | 7.8 | TJ | 15.0 | L | 6 | 48 | 6 | D6 | | | GUZ |
| 2001 01 21.21 | x | B | 8.4 | TJ | 7.0 | B | | 25 | & 4 | d2 | | | SOC |
| 2001 01 21.79 | x | S | 8.1 | TJ | 10.0 | B | | 20 | 5 | 6 | | | NAG08 |
| 2001 01 21.83 | x | M | 7.9 | TT | 10.0 | B | | 20 | 6 | 5 | | | YOS02 |
| 2001 01 21.84 | | M | 8.1 | TT | 12.5 | L | 6 | 19 | | | | | TSU02 |
| 2001 01 22.19 | | E | 7.0 | AA | 5.0 | B | | 10 | 4 | 3 | 0.1m | | ROM |
| 2001 01 22.84 | x | M | 7.8 | TT | 10.0 | B | | 20 | 6 | 5 | | | YOS02 |
| 2001 01 23.04 | | S | 7.3 | SP | 10 | R | 4 | 18 | 7 | 4 | | | BAL03 |
| 2001 01 23.08 | | S | 8.1 | AA | 6.0 | B | | 15 | 10 | 5 | | | KOR01 |
| 2001 01 23.09 | | B | 7.3 | AA | 5.0 | B | | 20 | 5 | 3 | | | NES |
| 2001 01 23.10 | | B | 7.3 | AA | 8 | R | | 28 | 3 | 3 | | | NES |
| 2001 01 23.21 | | S | 8.0 | TK | 5.0 | B | | 7 | 6 | 5 | | | BIV |
| 2001 01 23.22 | | S | 8.0 | TK | 25.6 | L | 5 | 42 | 5 | 4 | | | BIV |
| 2001 01 23.85 | x | S | 8.2 | TJ | 8.0 | B | | 11 | 6 | 6 | | | NAG08 |
| 2001 01 24.03 | w | S | 6.7 | AA | 5.0 | B | | 7 | 8 | 2 | | | ERO |
| 2001 01 24.06 | | S | 7.5 | SP | 10 | R | 4 | 18 | 6 | 5 | | | BAL03 |
| 2001 01 24.10 | | B | 7.5: | AA | 5.0 | B | | 20 | 5 | 3 | | | NES |
| 2001 01 24.10 | | E | 7.0 | AA | 6 | L | 7 | 33 | 6 | d4 | 0.2m | | VAS05 |
| 2001 01 24.10 | | M | 8.3 | HD | 25 | L | 4 | 54 | 3 | 3/ | | | SHU |
| 2001 01 24.10 | | S | 8.1 | AA | 6.0 | B | | 15 | 10 | 4/ | | | KOR01 |
| 2001 01 24.11 | | S | 8.3 | TI | 11 | L | 7 | 50 | 4.2 | 3/ | | | BAR06 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|-----|-----|------|----|------|-----|-------|
| 2001 01 24.12 | | B | 7.5: | AA | 8 | R | | 28 | 3 | 3 | | | NES |
| 2001 01 24.16 | x | B | 8.1: | TJ | 15 | L | 6 | 45 | & 5 | 6 | | | WLO |
| 2001 01 24.19 | | S | 7.7 | AC | 6.0 | B | | 20 | 5 | 3 | | | RES |
| 2001 01 24.27 | | S | 7.0: | A | 11 | L | 7 | 32 | 10 | 1 | | | KOS04 |
| 2001 01 25.04 | w | S | 7.1 | AA | 6 | R | 6 | 22 | 4.4 | 4 | | | ERO |
| 2001 01 25.05 | | M | 8.6 | HD | 6.0 | R | | 20 | 5.9 | 3/ | | | SHU |
| 2001 01 25.06 | | S | 7.2 | SP | 10 | R | 4 | 18 | 6 | 5 | | | BAL03 |
| 2001 01 25.10 | | B | 7.5 | AA | 5.0 | B | | 20 | 5 | 3 | | | NES |
| 2001 01 25.11 | | B | 7.5 | AA | 8 | R | | 28 | 3 | 3 | | | NES |
| 2001 01 25.11 | | S | 8.2 | AA | 6.0 | B | | 15 | 10 | 4/ | | | KOR01 |
| 2001 01 25.12 | | B | 7.8 | TJ | 12.0 | R | 5 | 32 | 6 | 5 | | | CHE03 |
| 2001 01 25.12 | | S | 8.2 | TI | 11 | L | 7 | 50 | 4.4 | 4 | | | BAR06 |
| 2001 01 25.13 | | B | 7.7 | TJ | 5.0 | B | | 7 | | 5 | | | CHE03 |
| 2001 01 25.21 | | M | 7.7 | TJ | 15.6 | L | 5 | 29 | 4.6 | 5/ | | | BOU |
| 2001 01 25.21 | | S | 8.1 | TJ | 15.6 | L | 5 | 29 | 4.6 | 5 | | | DIJ |
| 2001 01 25.22 | | S | 7.8 | HV | 6.3 | B | | 9 | 5.5 | 5 | | | KAM01 |
| 2001 01 25.27 | | S | 7.0: | A | 11 | L | 7 | 32 | 9 | 2 | | | KOS04 |
| 2001 01 26.02 | w | S | 6.8 | AA | 6 | R | 6 | 22 | 5.3 | 3/ | | | ERO |
| 2001 01 26.23 | & | S | 8.3 | HS | 8.0 | B | | 20 | 4.0 | 3 | 8.8m | 274 | MOR09 |
| 2001 01 26.25 | | S | 8.6: | TK | 25.6 | L | 5 | 42 | 5 | 4 | | | BIV |
| 2001 01 26.66 | | M | 7.9 | TK | 5.0 | B | | 10 | 5.0 | s6 | | | LIN04 |
| 2001 01 27.08 | | S | 7.9 | AC | 6.0 | B | | 20 | 5 | 4 | | | RES |
| 2001 01 27.21 | | S | 8.3 | TK | 25.6 | L | 5 | 42 | 5 | 5 | | | BIV |
| 2001 01 27.22 | | S | 8.1 | TK | 5.0 | B | | 7 | 7 | 5 | | | BIV |
| 2001 01 28.18 | | S | 7.8 | TT | 10 | R | 9 | 30 | 6 | | 0.06 | | VET |
| 2001 01 28.76 | | M | 8.2 | TT | 20 | L | 7 | 45 | 3.0 | 5 | | | MAT08 |
| 2001 01 29.09 | x | B | 8.1 | TJ | 20 | L | 5 | 50 | 3.5 | S5 | | | POW01 |
| 2001 01 29.15 | x | B | 8.2: | TJ | 18 | L | 7 | 58 | & 5 | 5/ | | | WLO |
| 2001 01 29.16 | x | S | 9.1 | TJ | 20.6 | L | 8 | 52 | 3 | d3 | 0.05 | 290 | PAC03 |
| 2001 01 29.18 | x | B | 8.2 | TJ | 7.0 | B | | 20 | 12 | s4 | | | DER |
| 2001 01 29.19 | x | S | 7.9 | TJ | 6.0 | B | | 20 | 5 | D6 | | | PAR03 |
| 2001 01 29.20 | | B | 7.9 | TT | 10.0 | B | | 25 | 4.2 | 4 | | | HAS02 |
| 2001 01 29.20 | | S | 7.5 | TT | 10 | R | 9 | 30 | 5 | | 0.05 | | VET |
| 2001 01 29.66 | | M | 8.0 | TK | 5.0 | B | | 10 | 4.0 | 3 | | | LIN04 |
| 2001 01 29.79 | | C | 8.7 | TJ | 18.0 | L | 6 a | 40 | 5.5 | | 20 m | 283 | KAD02 |
| 2001 01 30.20 | x | B | 8.6: | TT | 5.0 | B | | 7 | 4 | 5 | | | DUS |
| 2001 01 30.20 | | S | 7.6 | TT | 10 | R | 9 | 30 | 5.5 | | | | VET |
| 2001 01 30.53 | | M | 8.4 | TK | 48 | L | 5 | 140 | 5.0 | 4 | 5.0m | 290 | LIN04 |
| 2001 01 30.86 | | M | 7.8 | TT | 12.5 | L | 6 | 19 | 3.0 | 4 | | | TSU02 |
| 2001 01 31.12 | | S | 7.5 | TT | 10 | R | 9 | 30 | 5.5 | | | | VET |
| 2001 02 01.12 | | S | 7.8 | TT | 10 | R | 9 | 30 | 4.5 | | | | VET |
| 2001 02 01.16 | | S | 8.5 | TJ | 20.3 | T | 10 | 100 | 3.5 | 3/ | | | GRA04 |
| 2001 02 01.21 | | S | 8.7: | TK | 25.6 | L | 5 | 42 | 5 | 5 | | | BIV |
| 2001 02 02.61 | | M | 8.7 | TK | 5.0 | B | | 10 | 4.0 | 4 | | | LIN04 |
| 2001 02 02.84 | x | S | 8.2 | TJ | 8.0 | B | | 11 | 5 | 6 | | | NAG08 |
| 2001 02 02.86 | x | S | 8.0 | TJ | 15.0 | B | | 25 | 4 | 6 | 10 m | 271 | HAS08 |
| 2001 02 03.10 | | S | 8.4 | AC | 41 | L | 5 | 72 | 4.0 | 6 | | | RES |
| 2001 02 03.11 | | S | 8.3 | AA | 6.0 | B | | 15 | 6 | 5 | | | KOR01 |
| 2001 02 03.17 | | M | 8.9 | NP | 25 | L | 5 | 30 | 3 | 7 | | | SEG |
| 2001 02 03.18 | x | B | 8.8 | TJ | 7.0 | B | | 25 | & 2 | 0 | | | SOC |
| 2001 02 03.18 | x | B | 9.1 | TT | 8.0 | B | | 15 | 4 | 5 | | | DUS |
| 2001 02 04.08 | | M | 8.3 | GA | 6.0 | R | | 20 | 4 | 3/ | | | SHU |
| 2001 02 04.11 | | S | 8.2 | TJ | 20.3 | T | 10 | 100 | 3.5 | 3/ | | | GRA04 |
| 2001 02 04.12 | x | S | 8.6 | TJ | 20 | L | 5 | 50 | 3.0 | 4 | | | POW01 |
| 2001 02 04.18 | x | B | 8.9 | TT | 8.0 | B | | 15 | 4 | 5 | | | DUS |
| 2001 02 05.12 | | S | 8.3 | AA | 6.0 | B | | 15 | 6 | 5/ | | | KOR01 |
| 2001 02 05.14 | | S | 8.3 | AA | 24 | L | 5 | 37 | 7 | 5 | 0.07 | 280 | KOR01 |
| 2001 02 05.17 | x | B | 8.9 | TT | 8.0 | B | | 15 | 5 | 4/ | | | DUS |
| 2001 02 05.19 | | S | 8.9: | TK | 25.6 | L | 5 | 42 | 5 | 4 | | | BIV |
| 2001 02 05.80 | | C | 8.9 | TJ | 18.0 | L | 6 a | 40 | 4.5 | | 16 m | 282 | KAD02 |
| 2001 02 06.08 | | S | 8.3 | AA | 6.0 | B | | 15 | 6 | 5/ | | | KOR01 |
| 2001 02 06.10 | | S | 8.4 | AA | 24 | L | 5 | 37 | 8 | 5 | 0.06 | 280 | KOR01 |
| 2001 02 06.20 | | S | 7.7 | AA | 6.0 | B | | 20 | 6 | 3/ | | | CSU |
| 2001 02 06.66 | | M | 8.8 | TK | 5.0 | B | | 10 | 3.0 | 5 | | | LIN04 |
| 2001 02 07.23 | | S | 8.2 | VB | 8.0 | B | | 20 | 4 | 5 | | | SHA02 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|------|----|------|---|----|------|-------|-----|------|-------|-------|
| 2001 02 07.66 | | M | 8.9 | TK | 5.0 | B | | 10 | 3.0 | 4 | | | LIN04 |
| 2001 02 09.16 | x | B | 8.5 | TJ | 18 | L | 7 | 58 | & 4 | 4/ | | | WLO |
| 2001 02 09.19 | x | S | 7.9 | TT | 10.0 | B | | 25 | 8 | S4/ | | | DRA02 |
| 2001 02 09.20 | x | S | 9.2 | TT | 30 | L | 4 | 96 | 3 | s4/ | | | GRA09 |
| 2001 02 10.23 | | S | 8.9 | TK | 25.6 | L | 5 | 42 | 4 | 4 | | | BIV |
| 2001 02 10.82 | | C | 9.1 | TJ | 18.0 | L | 6 | a 40 | 5.0 | | 8 | m 256 | KAD02 |
| 2001 02 11.06 | | S | 8.9 | AC | 41 | L | 5 | 72 | 3.5 | 3 | | | RES |
| 2001 02 11.07 | | B | 8.6 | TJ | 15.0 | R | 5 | 25 | 3 | 3 | | | CHE03 |
| 2001 02 11.08 | | S | 8.4 | AA | 6.0 | B | | 15 | 5 | 5/ | | | KOR01 |
| 2001 02 11.10 | | S | 8.4 | AA | 24 | L | 5 | 37 | 4 | 6 | 0.05 | 280 | KOR01 |
| 2001 02 11.16 | x | B | 8.8 | TJ | 15 | L | 6 | 45 | & 3.5 | 4 | | | WLO |
| 2001 02 11.16 | x | M | 8.2 | TT | 10.0 | B | | 25 | 9 | s4 | 0.4 | 270 | DRA02 |
| 2001 02 12.02 | w | S | 7.5 | AA | 6 | R | 6 | 22 | 6 | 3/ | | | ERO |
| 2001 02 12.05 | x | M | 8.6 | TJ | 15.0 | L | 6 | 81 | 4 | 5 | | | GUZ |
| 2001 02 12.06 | x | S | 7.1 | TT | 16.5 | L | 8 | 50 | & 6 | 4/ | | | FIL04 |
| 2001 02 12.17 | x | S | 8.4 | TJ | 6.5 | R | 6 | 28 | & 3 | 5 | | | SWI |
| 2001 02 13.09 | | S | 8.2 | VB | 8.0 | B | | 20 | 4 | 3 | | | SHA02 |
| 2001 02 13.11 | | S | 8.2 | TJ | 7.0 | R | 7 | 24 | 4.0 | 4 | | | GRA04 |
| 2001 02 14.19 | | S | 9.2 | HS | 20.3 | L | 4 | 61 | 2.0 | 2 | | | MOR09 |
| 2001 02 14.22 | | S | 8.8 | TK | 25.6 | L | 5 | 42 | 4 | 4 | | | BIV |
| 2001 02 15.02 | x | S | 7.8 | TT | 6.6 | B | | 20 | & 6 | 4 | | | FIL04 |
| 2001 02 15.03 | | S | 8.1 | TT | 10 | B | | 14 | 6 | 3 | | | SHA02 |
| 2001 02 15.04 | | M | 8.1 | TT | 8.0 | B | | 10 | 6.5 | 3/ | | | HOR02 |
| 2001 02 15.04 | x | S | 7.9 | TT | 16.5 | L | 8 | 50 | & 6 | 4 | | | FIL04 |
| 2001 02 15.13 | | S | 7.8 | AA | 6.0 | B | | 20 | 5 | 3/ | 0.50 | 250 | CSU |
| 2001 02 15.20 | | S | 9.2 | HS | 20.3 | L | 4 | 61 | 2.7 | 2 | | | MOR09 |
| 2001 02 16.01 | | M | 8.1 | TT | 8.0 | B | | 10 | 6 | 4/ | | | HOR02 |
| 2001 02 16.02 | x | S | 7.9 | TT | 6.6 | B | | 20 | & 7 | 4/ | | | FIL04 |
| 2001 02 16.02 | | S | 8.2 | AC | 40.6 | L | 5 | 72 | 3.0 | 3 | | | RES |
| 2001 02 16.03 | x | B | 9.3 | TT | 16.5 | L | 8 | 50 | & 7 | 4/ | | | FIL04 |
| 2001 02 16.04 | | B | 8.3 | HV | 5.0 | B | | 7 | 4 | 3 | | | GRA04 |
| 2001 02 16.04 | | S | 8.2 | HV | 7.0 | R | 7 | 24 | 4.5 | 3/ | | | GRA04 |
| 2001 02 16.06 | x | B | 8.9 | TT | 8.0 | B | | 15 | 6 | 5 | 0.12 | 286 | DUS |
| 2001 02 16.11 | x | S | 8.6 | TJ | 8 | R | 7 | 35 | 3 | 3 | | | KWI |
| 2001 02 16.12 | x | M | 8.5 | TJ | 5.0 | B | | 10 | 4 | 6 | | | GUZ |
| 2001 02 16.12 | x | M | 8.9 | TJ | 15.0 | L | 5 | 44 | 5 | S4 | | | SPE01 |
| 2001 02 16.14 | | S | 7.8 | AA | 6.0 | B | | 20 | 5 | 3/ | 0.42 | 250 | CSU |
| 2001 02 16.14 | | S | 9.2 | TT | 20.0 | L | 4 | 42 | 4 | 6/ | | | SCH04 |
| 2001 02 16.15 | | S | 9.2 | TK | 25.6 | L | 5 | 42 | 3.5 | 3 | | | BIV |
| 2001 02 16.16 | | S | 8.5 | TJ | 8.0 | B | | 15 | & 3 | 6 | &0.1 | | COM |
| 2001 02 16.16 | x! | B | 9.0 | TJ | 35 | L | 6 | 105 | & 6 | d3 | | | CHR |
| 2001 02 16.17 | x | B | 8.5 | TJ | 6.0 | B | | 20 | & 3 | 5 | | | WLO |
| 2001 02 16.18 | | S | 9.2 | HS | 20.3 | L | 4 | 61 | 2.6 | 2 | | | MOR09 |
| 2001 02 16.74 | x | M | 8.9 | TT | 10.0 | B | | 20 | 6 | 4 | | | YOS02 |
| 2001 02 16.85 | | C | 9.3 | TJ | 18.0 | L | 6 | a 40 | 5.2 | | 12 | m 261 | KAD02 |
| 2001 02 16.88 | | M | 8.7 | S | 6.0 | R | | 20 | 4 | 3 | | | SHU |
| 2001 02 17.01 | x | B | 9.2 | TT | 25 | T | 6 | 56 | 5 | 4/ | 0.1 | 270 | DUS |
| 2001 02 17.01 | | M | 8.6 | S | 6.0 | R | | 20 | 4.3 | 3 | | | SHU |
| 2001 02 17.03 | x | B | 8.7 | TT | 20 | L | 5 | 30 | 3.7 | 5 | | | POW01 |
| 2001 02 17.03 | w | S | 7.2 | AA | 6 | R | 6 | 22 | 5.6 | 3 | | | ERO |
| 2001 02 17.04 | | S | 8.9 | TT | 8.0 | B | | 20 | 5 | 3 | | | SHA02 |
| 2001 02 17.05 | | S | 8.4 | TT | 33 | L | 5 | 60 | 3.6 | 5 | | | SHA02 |
| 2001 02 17.06 | | M | 8.2 | TT | 8.0 | B | | 10 | 6.5 | 4 | | | HOR02 |
| 2001 02 17.09 | | S | 8.5 | AA | 6.0 | B | | 15 | 5 | 5/ | | | KOR01 |
| 2001 02 17.10 | | S | 8.4 | AA | 24 | L | 5 | 37 | 4 | 6 | 0.05 | 275 | KOR01 |
| 2001 02 17.12 | x | B | 8.8 | TT | 20 | L | 5 | 50 | 3.8 | 5 | | | POW01 |
| 2001 02 17.14 | | S | 7.8 | AA | 6.0 | B | | 20 | 5 | 3/ | 0.50 | 250 | CSU |
| 2001 02 17.18 | x | S | 9.0 | TJ | 15.0 | L | 6 | 30 | 4 | 4/ | | | SMY |
| 2001 02 18.02 | w | S | 7.2 | AA | 6 | R | 6 | 22 | 6.7 | 3 | | | ERO |
| 2001 02 18.03 | x | B | 9.0 | TT | 8.0 | B | | 15 | 5 | 4/ | | | DUS |
| 2001 02 18.05 | | B | 8.5 | AA | 5.0 | B | | 20 | 5 | 3 | | | NES |
| 2001 02 18.07 | | B | 8.5 | AA | 8 | R | | 28 | 2 | 3 | | | NES |
| 2001 02 18.08 | | M | 7.9 | S | 7.0 | B | | 10 | 7 | 6 | | | MAR02 |
| 2001 02 18.08 | | M | 8.2 | S | 7.0 | B | | 10 | 7 | 4 | | | SAN04 |
| 2001 02 18.12 | | S | 8.5 | TJ | 7.0 | R | 7 | 24 | 4.5 | 3 | | | GRA04 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|------|----|------|---|----|------|-------|-----|-------|-------|-------|
| 2001 02 18.13 | | S | 8.6 | TJ | 8.0 | B | | 11 | 4 | 5 | | | GON05 |
| 2001 02 18.15 | | S | 7.8 | AA | 6.0 | B | | 20 | 5 | s5 | 0.50 | 250 | CSU |
| 2001 02 18.80 | x | S | 8.7 | TJ | 10.0 | B | | 20 | 5 | 7 | | | NAG08 |
| 2001 02 18.94 | | M | 8.3 | TT | 5.0 | B | | 10 | 7 | 3/ | | | HOR02 |
| 2001 02 19.01 | | S | 8.4 | AC | 40.6 | L | 5 | 72 | 3.0 | 3/ | | | RES |
| 2001 02 19.07 | | S | 8.5 | AA | 6.0 | B | | 15 | 4 | 5 | | | KOR01 |
| 2001 02 19.10 | | S | 8.5 | AA | 24 | L | 5 | 37 | 3.5 | 5/ | 0.05 | | KOR01 |
| 2001 02 19.14 | | S | 9.3: | TK | 25.6 | L | 5 | 42 | 3 | 3 | | | BIV |
| 2001 02 19.16 | x | M | 9.2 | TJ | 15.0 | L | 5 | 44 | 4.2 | s4 | | | SPE01 |
| 2001 02 19.17 | x | B | 9.1 | TJ | 8.0 | B | | 20 | 4.8 | s3 | | | SPE01 |
| 2001 02 19.18 | x | B | 9.1 | TJ | 7.0 | B | | 25 | & 1 | 0 | | | SOC |
| 2001 02 19.52 | | M | 9.5 | TK | 5.0 | B | | 10 | 2.0 | 5 | | | LIN04 |
| 2001 02 19.84 | | M | 8.8 | GA | 25 | L | 4 | 54 | 2.2 | 3 | | | SHU |
| 2001 02 19.88 | | S | 9.0 | TI | 11 | L | 7 | 50 | 3.5 | 4 | | | BAR06 |
| 2001 02 20.02 | | M | 8.8 | GA | 6.0 | R | | 20 | 2.8 | 3 | | | SHU |
| 2001 02 20.02 | | S | 8.1 | TJ | 8.0 | B | | 15 | 6 | 4 | | | DIJ |
| 2001 02 20.02 | | S | 8.2 | TJ | 8.0 | B | | 15 | 5.4 | 3/ | | | BOU |
| 2001 02 20.06 | | S | 8.5 | AA | 6.0 | B | | 15 | 4 | 5 | | | KOR01 |
| 2001 02 20.08 | | S | 8.5 | AA | 24 | L | 5 | 37 | 3.5 | 5 | 0.05 | 275 | KOR01 |
| 2001 02 20.11 | | M | 8.8 | GA | 25 | L | 4 | 54 | 2 | 3/ | | | SHU |
| 2001 02 20.16 | x | B | 9.1 | TT | 8.0 | B | | 15 | & 7 | 4/ | 0.13 | 279 | DUS |
| 2001 02 20.99 | w | S | 7.2 | AA | 6 | R | 6 | 22 | 6.8 | 2/ | | | ERO |
| 2001 02 21.14 | | B | 9.2 | TI | 15.0 | M | 10 | 27 | 5 | 5 | 0.1 | 280 | SER02 |
| 2001 02 21.15 | | S | 9.2 | TK | 25.6 | L | 5 | 42 | 4.5 | 4 | | | BIV |
| 2001 02 21.20 | | M | 8.8 | TJ | 7.0 | R | 7 | 24 | 4.5 | 3 | | | GRA04 |
| 2001 02 21.85 | x | M | 8.8 | TT | 10.0 | B | | 20 | 5 | 4 | 10 | m 275 | YOS02 |
| 2001 02 22.02 | | S | 8.7 | TJ | 7.0 | R | 7 | 24 | 4.5 | 3/ | | | GRA04 |
| 2001 02 22.02 | | S | 8.8 | TJ | 5.0 | B | | 7 | 4 | 3 | | | GRA04 |
| 2001 02 22.11 | | S | 8.8 | TJ | 30.5 | T | 10 | 54 | & 5 | 5/ | &0.3 | | COM |
| 2001 02 22.78 | | C | 9.6 | TJ | 18.0 | L | 6 | a 40 | 4.4 | | 11 | m 263 | KAD02 |
| 2001 02 22.96 | | S | 8.8 | TI | 11 | L | 7 | 50 | 3.5 | 3/ | | | BAR06 |
| 2001 02 23.01 | | S | 8.5 | AC | 40.6 | L | 5 | 72 | 3.5 | 3/ | | | RES |
| 2001 02 23.06 | x | S | 9.2 | TT | 8.0 | B | | 15 | 4 | 4/ | &0.10 | 288 | DUS |
| 2001 02 23.07 | | S | 8.5 | TT | 33 | L | 5 | 45 | 3.4 | 4 | | | SHA02 |
| 2001 02 23.18 | x | B | 9.0 | TJ | 7.0 | B | | 25 | & 3 | d2 | | | SOC |
| 2001 02 23.97 | | S | 9.0: | TI | 11 | L | 7 | 50 | 3 | 3 | | | BAR06 |
| 2001 02 24.05 | x | S | 9.0 | TT | 8.0 | B | | 15 | 3.5 | 4 | | | DUS |
| 2001 02 24.07 | x | B | 9.0 | TT | 25 | T | 6 | 39 | 3 | 4 | | | DUS |
| 2001 02 24.07 | | S | 8.7 | AC | 40.6 | L | 5 | 72 | 3.0 | 3 | | | RES |
| 2001 02 24.18 | | S | 9.6: | TK | 25.6 | L | 5 | 42 | 3 | 4 | | | BIV |
| 2001 02 24.69 | x | S | 9.2 | TJ | 12.0 | B | | 20 | 5 | 4 | | | MIY01 |
| 2001 02 24.76 | x | S | 8.8 | TJ | 32.0 | L | 5 | 58 | 4 | 5/ | | | NAG08 |
| 2001 02 24.98 | | M | 8.6 | TT | 8.0 | B | | 10 | 7 | 3/ | | | HOR02 |
| 2001 02 24.99 | | S | 9.1 | TI | 11 | L | 7 | 50 | 3.6 | 4 | | | BAR06 |
| 2001 02 25.02 | | S | 8.5 | TJ | 8.0 | B | | 15 | 5 | 4 | | | BOU |
| 2001 02 25.03 | | E | 8.1 | AA | 6 | L | 7 | 33 | 6 | d5 | 0.1m | | ROM |
| 2001 02 25.05 | x | S | 8.4 | TT | 6.6 | B | | 20 | & 6 | 4 | | | FILO4 |
| 2001 02 25.06 | | S | 8.8 | AA | 8 | R | | 28 | 4.5 | 2 | | | NES |
| 2001 02 25.10 | x | B | 9.1 | TJ | 20 | L | 5 | 50 | 3.5 | S4/ | | | POW01 |
| 2001 02 25.10 | | S | 8.7 | AC | 40.6 | L | 5 | 72 | 4.0 | 3 | | | RES |
| 2001 02 25.18 | x | B | 9.5 | TJ | 7.0 | B | | 25 | & 1 | 0 | | | SOC |
| 2001 02 25.19 | | S | 9.3 | HS | 20.3 | L | 4 | 61 | 1.9 | 2 | | | MOR09 |
| 2001 02 25.52 | | S | 9.6 | TK | 25 | L | 4 | 50 | 3.0 | 3 | | | LIN04 |
| 2001 02 25.70 | x | S | 9.0 | TJ | 32.0 | L | 5 | 58 | 5 | 5/ | | | NAG08 |
| 2001 02 25.81 | | C | 9.4 | TJ | 18.0 | L | 6 | a 40 | 4.3 | | 11 | m 263 | KAD02 |
| 2001 02 25.92 | | E | 8.3 | AA | 6 | L | 7 | 33 | 5 | s4 | 0.1m | | MIH |
| 2001 02 25.96 | x | B | 9.2 | TT | 8.0 | B | | 15 | & 5 | 4 | | | DUS |
| 2001 02 25.98 | | S | 9.0 | TI | 11 | L | 7 | 50 | 4 | 3 | | | BAR06 |
| 2001 02 25.99 | x | B | 9.7 | TT | 25 | T | 6 | 39 | & 5.5 | 4 | | | DUS |
| 2001 02 26.05 | | S | 8.6 | AA | 6.0 | B | | 15 | 4 | 5 | | | KOR01 |
| 2001 02 26.05 | | S | 9.1 | TI | 15.0 | M | 10 | 27 | 5 | 3 | 4 | m 270 | SER02 |
| 2001 02 26.07 | | S | 8.5 | AA | 24 | L | 5 | 37 | 3.5 | 5 | 0.04 | | KOR01 |
| 2001 02 26.11 | x | B | 9.6 | TJ | 20 | L | 5 | 50 | 3.4 | S4/ | | | POW01 |
| 2001 02 26.14 | | S | 9.2 | TK | 5.0 | B | | 7 | 6 | 3 | | | BIV |
| 2001 02 26.14 | x! | B | 9.4 | TJ | 35 | L | 6 | 105 | & 5 | d2 | | | CHR |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|-----|------|----|------|---|----|------|-------|-----|-------|-----|-------|
| 2001 02 26.15 | x | B | 9.4 | TJ | 7.0 | B | | 25 | & 1 | 0 | | | SOC |
| 2001 02 26.15 | x | S | 9.1 | TJ | 6.5 | R | 6 | 28 | 4 | 5 | | | SWI |
| 2001 02 26.15 | | S | 9.3 | TK | 25.6 | L | 5 | 42 | 6 | 4 | 0.23 | 270 | BIV |
| 2001 02 26.16 | x | S | 8.7 | TJ | 6.0 | B | | 20 | 4 | D5 | | | PAR03 |
| 2001 02 26.17 | x | M | 8.9 | TT | 10.0 | B | | 25 | 7 | s3/ | | | DRA02 |
| 2001 02 26.90 | x | S | 9.0 | TJ | 8 | R | 7 | 35 | 3 | 2/ | | | KWI |
| 2001 02 26.92 | | M | 9.0 | GA | 6.0 | R | | 20 | 3.1 | 3 | | | SHU |
| 2001 02 27.00 | x | B | 9.6 | TT | 25 | T | 6 | 39 | & 5.5 | 4/ | | | DUS |
| 2001 02 27.04 | x | B | 9.4 | TT | 8.0 | B | | 15 | 5 | 4/ | | | DUS |
| 2001 02 27.04 | | S | 8.6 | AA | 6.0 | B | | 15 | 4 | 5 | | | KOR01 |
| 2001 02 27.05 | | S | 8.6 | AA | 24 | L | 5 | 37 | 3.6 | 5/ | 0.05 | 275 | KOR01 |
| 2001 02 27.17 | | S | 9.1 | TJ | 30.5 | T | 10 | 54 | & 5 | 4/ | &0.2 | | COM |
| 2001 02 27.97 | | M | 8.5 | TT | 8.0 | B | | 10 | 8.5 | 2/ | | | HOR02 |
| 2001 02 27.99 | | S | 9.1 | TI | 11 | L | 7 | 50 | 3.8 | 2 | | | BAR06 |
| 2001 02 28.02 | x | S | 8.4 | TT | 6.6 | B | | 20 | & 7 | 3/ | | | FIL04 |
| 2001 02 28.02 | | d k | 10.4 | LB | 35 | L | 5 | a300 | + 6 | | 11 m | 250 | HOR02 |
| 2001 02 28.05 | x | S | 8.8 | TJ | 5.0 | B | | 10 | 2.5 | 7 | | | GUZ |
| 2001 02 28.12 | x | M | 9.2 | TJ | 15.0 | L | 5 | 44 | 3.4 | s3 | | | SPE01 |
| 2001 02 28.14 | x | S | 9.0 | TT | 10.0 | B | | 25 | 7 | s3/ | 0.5 | 260 | DRA02 |
| 2001 02 28.14 | x! | B | 9.5 | TJ | 35 | L | 6 | 105 | & 5 | d2 | | | CHR |
| 2001 02 28.15 | x | B | 9.5 | TJ | 7.0 | B | | 25 | & 2 | 0 | | | SOC |
| 2001 02 28.17 | | S | 8.4 | TI | 5.0 | B | | 7 | 8 | 3 | | | KYS |
| 2001 02 28.97 | | S | 8.6 | S | 6.0 | R | | 20 | 3 | 2/ | | | SHU |
| 2001 02 28.99 | | S | 9.3 | TI | 11 | L | 7 | 50 | 3.5 | 2 | | | BAR06 |
| 2001 03 01.03 | | S | 8.6 | AA | 24 | L | 5 | 37 | 3.5 | 5/ | 0.05 | 280 | KOR01 |
| 2001 03 01.04 | | S | 8.6 | AA | 6.0 | B | | 15 | 4 | 5 | | | KOR01 |
| 2001 03 01.10 | | S | 9.0 | AA | 8 | R | | 28 | 2.5 | 2 | | | NES |
| 2001 03 01.65 | | S | 9.6 | TK | 25 | L | 4 | 50 | 3.0 | 3 | | | LIN04 |
| 2001 03 01.99 | | B | 9.7: | S | 11.0 | L | 8 | 32 | & 5 | d3/ | & 8 m | 283 | VAZ |
| 2001 03 02.02 | x | S | 8.4 | TT | 6.6 | B | | 20 | & 7 | 3 | | | FIL04 |
| 2001 03 02.03 | x | S | 8.7 | TT | 16.5 | L | 8 | 50 | & 5 | 3/ | | | FIL04 |
| 2001 03 02.69 | | S | 8.6 | TJ | 25.4 | T | 6 | 32 | 5.5 | 3 | | | YOS04 |
| 2001 03 02.83 | | C | 9.8 | TJ | 18.0 | L | 6 | a 40 | 3.7 | | 12 m | 261 | KAD02 |
| 2001 03 03.01 | | S | 9.8 | TT | 15 | L | 8 | 80 | 3.1 | 2 | | | SHAO2 |
| 2001 03 03.08 | | S | 9.0 | TJ | 30.5 | T | 10 | 54 | & 6 | 4/ | &0.2 | | COM |
| 2001 03 03.88 | | S | 8.7 | AA | 6.0 | B | | 15 | 4 | 5/ | | | KOR01 |
| 2001 03 03.90 | | S | 8.7 | AA | 24 | L | 5 | 37 | 3.6 | 5/ | | | KOR01 |
| 2001 03 04.06 | x | S | 9.2 | TJ | 25 | L | 5 | 66 | & 4 | 2 | | | KID01 |
| 2001 03 04.08 | | S | 8.7 | AA | 6.0 | B | | 15 | 4 | 5/ | | | KOR01 |
| 2001 03 04.09 | | S | 8.7 | AA | 24 | L | 5 | 64 | 3.4 | 6 | 0.04 | 270 | KOR01 |
| 2001 03 04.71 | | C | 10.0 | TJ | 18.0 | L | 6 | a 40 | 3.5 | | 10 m | 262 | KAD02 |
| 2001 03 05.19 | | S | 9.1 | TT | 20 | R | 14 | 40 | 4.8 | 3 | | | SHAO2 |
| 2001 03 05.69 | | S | 9.8 | TJ | 25.4 | T | 6 | 62 | 2.5 | 3 | | | YOS04 |
| 2001 03 06.05 | | S | 8.8 | AA | 6.0 | B | | 15 | 3.5 | 5/ | | | KOR01 |
| 2001 03 06.06 | | S | 8.8 | AA | 24 | L | 5 | 64 | 3.2 | 6 | 0.04 | 270 | KOR01 |
| 2001 03 06.19 | | M | 9.1 | TJ | 15.6 | L | 5 | 29 | 5.0 | 4 | | | BOU |
| 2001 03 06.20 | | S | 9.2 | TJ | 30.5 | T | 10 | 54 | & 6 | 4 | &0.1 | | COM |
| 2001 03 06.97 | | S | 9.6: | TI | 11 | L | 7 | 50 | 3 | 3 | | | BAR06 |
| 2001 03 07.02 | x | S | 9.1 | TT | 16.5 | L | 8 | 50 | & 4 | 2/ | | | FIL04 |
| 2001 03 07.12 | x! | S | 9.8 | TJ | 35 | L | 6 | 105 | 5 | d2 | | | CHR |
| 2001 03 07.13 | x | M | 9.2 | TJ | 15.0 | L | 6 | 48 | 2.5 | D7 | | | GUZ |
| 2001 03 07.14 | x | B | 9.4 | TT | 10.0 | B | | 25 | 6 | s2/ | | | DRA02 |
| 2001 03 08.84 | | S | 8.8 | AA | 6.0 | B | | 15 | 3.5 | 5 | | | KOR01 |
| 2001 03 08.85 | | S | 8.8 | AA | 24 | L | 5 | 64 | 3 | 5 | | | KOR01 |
| 2001 03 09.06 | | S | 8.9 | AA | 6.0 | B | | 15 | 3.5 | 5 | | | KOR01 |
| 2001 03 09.07 | | S | 8.8 | AA | 24 | L | 5 | 64 | 3 | 5 | | | KOR01 |
| 2001 03 09.73 | | C | 10.2 | TJ | 18.0 | L | 6 | a 60 | 3.5 | | 15 m | 261 | KAD02 |
| 2001 03 10.74 | | C | 10.2 | TJ | 18.0 | L | 6 | a 60 | 3.4 | | 13 m | 261 | KAD02 |
| 2001 03 11.03 | | S | 8.9 | AA | 6.0 | B | | 15 | 3.5 | 4/ | | | KOR01 |
| 2001 03 11.04 | | S | 9.0 | AA | 24 | L | 5 | 64 | 3 | 4 | | | KOR01 |
| 2001 03 11.89 | | M | 8.8 | TT | 8.0 | B | | 10 | 6 | 2/ | | | HOR02 |
| 2001 03 12.80 | x | S | 10.5 | TJ | 35 | L | 6 | 150 | & 3 | d2 | | | CHR |
| 2001 03 12.88 | | S | 9.4 | TJ | 31.0 | J | 6 | 58 | 3.8 | 4/ | | | BOU |
| 2001 03 12.89 | x | S | 9.9 | TJ | 15.0 | L | 6 | 81 | 2 | 3 | | | GUZ |
| 2001 03 13.81 | x | B | 9.7 | TT | 25 | T | 6 | 56 | 3 | 3/ | | | DUS |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|-------|----|------|---|----|------|-------|----|-------|-----|-------|
| 2001 03 13.85 | | S | [9.1 | TT | 15 | L | 8 | 125 | | | | | SHA02 |
| 2001 03 13.87 | | M | 9.0 | TT | 8.0 | B | | 10 | 6 | 2/ | | | HOR02 |
| 2001 03 14.81 | | S | 9.3: | TT | 15 | L | 8 | 80 | 2.9 | 2 | | | SHA02 |
| 2001 03 14.83 | | M | 9.0 | TT | 8.0 | B | | 10 | 5.5 | 2/ | | | HOR02 |
| 2001 03 14.92 | x | S | 10.0 | TJ | 15.0 | L | 6 | 48 | 2.5 | 4 | | | GUZ |
| 2001 03 14.94 | x | S | 10.0 | TT | 16.5 | L | 8 | 50 | & 4 | 2 | | | FIL04 |
| 2001 03 14.97 | | S | 10.5 | NP | 25 | L | 5 | 60 | 3 | 3 | | | SEG |
| 2001 03 15.02 | x | S | 10.2: | TT | 10.0 | M | 10 | 100 | & 1.5 | 2/ | | | SCI |
| 2001 03 15.11 | | S | 9.5 | TT | 20.0 | L | 4 | 42 | & 5 | 6/ | | | SCH04 |
| 2001 03 15.61 | x | S | 9.8 | TJ | 32.0 | L | 5 | 58 | 2.5 | 4/ | | | NAG08 |
| 2001 03 15.73 | | C | 10.7 | TJ | 18.0 | L | 6 | a 60 | 3.3 | | 15 m | 266 | KAD02 |
| 2001 03 15.86 | | M | 9.2 | TT | 8.0 | B | | 10 | | 2/ | | | HOR02 |
| 2001 03 15.97 | d | k | 11.0 | LB | 35 | L | 5 | a600 | + 5 | | >10 m | 273 | HOR02 |
| 2001 03 16.02 | | S | 9.1 | AA | 10 | R | 6 | 34 | 3.5 | 4 | | | KOR01 |
| 2001 03 16.03 | | S | 9.1 | AA | 24 | L | 5 | 64 | 3 | 3/ | | | KOR01 |
| 2001 03 16.03 | | S | 9.7 | AC | 40.6 | L | 5 | 72 | 2 | 3 | | | RES |
| 2001 03 16.04 | | S | 10.4: | TK | 25.6 | L | 5 | 42 | 2.5 | 3 | | | BIV |
| 2001 03 16.92 | | M | 10.3 | GA | 25 | L | 4 | 53 | 1.3 | 3 | | | SHU |
| 2001 03 16.93 | | M | 9.3 | TT | 8.0 | B | | 10 | 6 | 2/ | | | HOR02 |
| 2001 03 16.94 | | S | 10.0 | TI | 44.5 | T | 4 | 112 | 2.8 | d5 | 0.12 | 275 | SAR02 |
| 2001 03 16.98 | | S | 9.6 | TJ | 25.4 | J | 6 | 47 | 3.5 | 3/ | | | BOU |
| 2001 03 17.01 | | S | 9.1 | AA | 10 | R | 6 | 34 | 3 | 4 | | | KOR01 |
| 2001 03 17.03 | | S | 9.1 | AA | 24 | L | 5 | 64 | 3 | 4 | | | KOR01 |
| 2001 03 17.15 | x | S | 9.7: | TT | 30 | L | 4 | 47 | & 4.5 | s3 | | | GRA09 |
| 2001 03 17.21 | | S | 10.2 | TK | 25.6 | L | 5 | 42 | 3 | 2 | | | BIV |
| 2001 03 17.85 | x | B | 10.3 | TT | 25 | T | 6 | 56 | & 3.5 | 4 | | | DUS |
| 2001 03 17.95 | | S | 9.7: | TJ | 7.0 | R | 7 | 24 | 3 | | | | GRA04 |
| 2001 03 18.03 | | S | 10.0 | TJ | 20.3 | T | 10 | 100 | 2.5 | 3 | | | GRA04 |
| 2001 03 18.58 | xw | S | 10.1 | TJ | 32.0 | L | 5 | 58 | 3.1 | 4 | | | NAG08 |
| 2001 03 18.72 | x | S | 10.4 | TT | 10.0 | B | | 37 | 2.5 | 2 | | | YOS02 |
| 2001 03 18.85 | x | B | 10.4 | TT | 25 | T | 6 | 56 | & 3 | 3/ | | | DUS |
| 2001 03 18.87 | | S | 9.9 | TJ | 7.0 | R | 7 | 24 | 3 | 2/ | | | GRA04 |
| 2001 03 18.94 | x | S | 10.3 | TT | 16.5 | L | 8 | 50 | & 3 | 2 | | | FIL04 |
| 2001 03 19.00 | | S | 9.2 | AA | 10 | R | 6 | 34 | 3 | 4 | | | KOR01 |
| 2001 03 19.01 | | S | 9.2 | AA | 24 | L | 5 | 64 | 3 | 3/ | | | KOR01 |
| 2001 03 19.89 | | M | 9.5 | TT | 8.0 | B | | 10 | 6 | 2/ | | | HOR02 |
| 2001 03 19.93 | x | S | 10.1 | TJ | 15.0 | L | 6 | 48 | 3 | 4/ | | | GUZ |
| 2001 03 19.99 | | S | 9.3 | AA | 10 | R | 6 | 34 | 3 | 3/ | | | KOR01 |
| 2001 03 20.05 | | S | 9.4 | AA | 24 | L | 5 | 64 | 2.8 | 3/ | | | KOR01 |
| 2001 03 20.11 | x | B | 10.6: | TT | 25 | T | 6 | 56 | & 3 | 2 | | | DUS |
| 2001 03 20.80 | x! | S | 10.7 | TJ | 35 | L | 6 | 105 | & 3 | d2 | | | CHR |
| 2001 03 20.84 | x | S | 10.1 | TT | 16.5 | L | 8 | 50 | & 2 | 2 | | | FIL04 |
| 2001 03 21.02 | | S | 9.9 | TJ | 30.5 | T | 10 | 54 | & 7 | 3 | | | COM |
| 2001 03 21.03 | x | B | 10.4 | TT | 25 | T | 6 | 56 | & 3 | 3 | | | DUS |
| 2001 03 21.03 | | S | 9.8 | TJ | 7.0 | R | 7 | 24 | 3.5 | 3 | | | GRA04 |
| 2001 03 21.06 | | S | 10.0 | TJ | 25.4 | L | 6 | 48 | 3.5 | 3/ | | | GRA04 |
| 2001 03 21.07 | | S | 9.7 | TJ | 25.4 | J | 6 | 47 | 3.3 | 4 | | | BOU |
| 2001 03 21.98 | | S | 9.9 | TJ | 7.0 | R | 7 | 24 | 3.5 | 3 | | | GRA04 |
| 2001 03 22.06 | x | B | 10.5 | TT | 25 | T | 10 | 89 | & 3 | 2/ | | | DUS |
| 2001 03 22.81 | | M | 10.3 | GA | 25 | L | 4 | 53 | 1.6 | 3/ | | | SHU |
| 2001 03 22.95 | x | B | 10.7 | TT | 25 | T | 10 | 89 | & 3 | 2/ | | | DUS |
| 2001 03 23.00 | | S | 9.4 | AA | 24 | L | 5 | 64 | 2.5 | 4 | | | KOR01 |
| 2001 03 23.02 | | S | 9.8 | AA | 30 | L | 5 | 60 | 4 | 3 | 0.17 | 260 | NEV |
| 2001 03 24.00 | x | S | 10.5 | TT | 25 | T | 10 | 89 | & 2 | 2/ | | | DUS |
| 2001 03 24.04 | | S | 9.4 | AA | 24 | L | 5 | 64 | 2.5 | 4 | | | KOR01 |
| 2001 03 24.06 | | S | 9.5 | AA | 24 | L | 5 | 115 | 2.3 | 3 | | | KOR01 |
| 2001 03 24.85 | | M | 10.2 | GA | 25 | L | 4 | 53 | 1.1 | 3 | | | SHU |
| 2001 03 25.03 | x | S | 10.3 | TT | 25 | T | 10 | 89 | & 2.5 | 2/ | &0.07 | 263 | DUS |
| 2001 03 25.05 | | S | 9.6 | AA | 24 | L | 5 | 64 | 2.5 | 3/ | | | KOR01 |
| 2001 03 25.06 | | S | 9.6 | AA | 24 | L | 5 | 115 | 2.3 | 3 | | | KOR01 |
| 2001 03 25.78 | | M | 10.4 | GA | 25 | L | 4 | 53 | 1.3 | 2/ | | | SHU |
| 2001 03 26.04 | | S | 9.6 | AA | 24 | L | 5 | 64 | 2.5 | 3/ | | | KOR01 |
| 2001 03 26.07 | | S | 9.7 | AA | 24 | L | 5 | 115 | 2.3 | 3 | | | KOR01 |
| 2001 03 26.10 | x | S | 10.3 | TT | 25 | T | 10 | 89 | & 3 | 2/ | &0.07 | 264 | DUS |
| 2001 03 26.64 | x | S | 10.4 | TJ | 32.0 | L | 5 | 58 | 2.3 | 4 | | | NAG08 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|-------|----|------|---|----|------|-------|-----|-------|-------|-------|
| 2001 03 26.78 | | C | 11.1 | TJ | 18.0 | L | 6 | a 60 | 3.1 | | 14 | m 274 | KAD02 |
| 2001 03 26.84 | | M | 10.5 | GA | 25 | L | 4 | 53 | 1.2 | 3 | | | SHU |
| 2001 03 26.85 | | S | 10.3 | AS | 30 | L | 5 | 60 | 3.5 | 3/ | 0.12 | 265 | NEV |
| 2001 03 26.94 | | S | 10.2 | TJ | 30.5 | T | 10 | 54 | & 4.5 | 3 | | | COM |
| 2001 03 26.96 | | S | 10.0 | TJ | 25.4 | J | 6 | 47 | 3.0 | 3/ | | | BOU |
| 2001 03 27.02 | x | S | 10.5 | TT | 25 | T | 10 | 89 | 3 | 2/ | | | DUS |
| 2001 03 27.06 | | S | 9.7 | AA | 24 | L | 5 | 64 | 2.4 | 3/ | | | KOR01 |
| 2001 03 27.08 | | S | 9.7 | AA | 24 | L | 5 | 115 | 2.2 | 3 | | | KOR01 |
| 2001 03 27.19 | | S | 11.4 | TK | 25.6 | L | 5 | 84 | 2.5 | 3 | | | BIV |
| 2001 03 27.79 | | M | 10.1 | GA | 25 | L | 4 | 53 | 1.6 | 3/ | | | SHU |
| 2001 03 27.83 | | B | 10.5 | TJ | 12.0 | R | 5 | 32 | 3.5 | 3 | | | CHE03 |
| 2001 03 27.85 | x | S | 10.8 | TT | 20 | L | 5 | 50 | 4.8 | d2/ | | | POW01 |
| 2001 03 27.88 | | S | 10.5 | AC | 40.6 | L | 5 | 72 | 2.0 | 2 | | | RES |
| 2001 03 27.99 | x | B | 10.7 | TT | 25 | T | 10 | 89 | & 2.5 | 2/ | 0.04 | 270 | DUS |
| 2001 03 28.07 | | S | 9.7 | AA | 24 | L | 5 | 64 | 2.3 | 3 | | | KOR01 |
| 2001 03 28.08 | | B | 10.4 | TJ | 20.0 | L | 5 | 50 | 3 | 3 | | | CHE03 |
| 2001 03 28.08 | | S | 9.8 | AA | 24 | L | 5 | 115 | 2.0 | 2 | | | KOR01 |
| 2001 03 28.87 | x | S | 10.9 | TT | 20 | L | 5 | 50 | 4 | d2/ | | | POW01 |
| 2001 03 28.90 | | S | 10.9 | AC | 40.6 | L | 5 | 72 | 2.0 | 2 | | | RES |
| 2001 03 28.96 | | S | 10.1: | TI | 11 | L | 7 | 50 | 2 | 2 | | | BAR06 |
| 2001 03 28.96 | x | S | 10.5 | TT | 25 | T | 10 | 89 | & 2.5 | 2 | &0.13 | 274 | DUS |
| 2001 03 28.98 | | S | 10.5 | NP | 30 | L | 5 | 60 | 3 | 3 | 0.12 | 265 | NEV |
| 2001 03 29.06 | | S | 9.8 | AA | 24 | L | 5 | 64 | 2.0 | 2/ | | | KOR01 |
| 2001 03 29.07 | | S | 9.8 | AA | 24 | L | 5 | 115 | 1.8 | 2 | | | KOR01 |
| 2001 03 29.10 | x | S | 10.8 | TT | 30 | L | 4 | 96 | 2.5 | 3 | | | GRA09 |
| 2001 03 29.89 | x | S | 10.7 | TT | 20 | L | 5 | 50 | 4 | d2 | | | POW01 |
| 2001 03 29.92 | x | S | 10.8 | TT | 16.5 | L | 8 | 50 | & 5 | 2 | | | FIL04 |
| 2001 03 29.93 | | B | 10.4 | TJ | 15.0 | R | 5 | 25 | 3 | 3 | | | CHE03 |
| 2001 03 29.97 | | S | 10.0 | AA | 24 | L | 5 | 115 | 2.0 | 2/ | 0.08 | 270 | KOR01 |
| 2001 03 30.17 | | S | 11.2 | TK | 25.6 | L | 5 | 84 | 2 | 3 | | | BIV |
| 2001 03 30.91 | x | S | 10.2 | TT | 16.5 | L | 8 | 50 | & 3 | 2 | | | FIL04 |
| 2001 03 30.96 | x | S | 10.7 | TJ | 31.7 | L | 5 | 78 | & 2 | | | | ADAO2 |
| 2001 03 30.98 | | S | 10.3 | TJ | 25.4 | J | 6 | 47 | 3.1 | 3/ | | | BOU |
| 2001 03 30.99 | | S | 10.3 | TI | 11 | L | 7 | 50 | 2.2 | 3/ | | | BAR06 |
| 2001 03 31.00 | x | S | 10.8 | TT | 20.6 | L | 8 | 52 | 2.5 | 4 | | | PAC03 |
| 2001 03 31.04 | x | S | 10.8 | TJ | 15.0 | L | 6 | 48 | 1.5 | 3 | | | GUZ |
| 2001 03 31.07 | | B | 10.6 | TJ | 15.0 | R | 5 | 25 | 3 | 3 | | | CHE03 |
| 2001 03 31.10 | | S | 10.1 | AA | 24 | L | 5 | 115 | 2.0 | 2/ | 0.07 | 270 | KOR01 |
| 2001 03 31.11 | | S | 11.5 | TK | 25.6 | L | 5 | 84 | 2 | 4 | | | BIV |
| 2001 03 31.83 | | S | 9.7 | TT | 10 | B | | 25 | 5 | 2/ | | | HOR02 |
| 2001 03 31.88 | | S | 9.8 | AA | 24 | L | 5 | 115 | 2.6 | 4 | 0.09 | 265 | KOR01 |
| 2001 04 01.02 | | S | 10.1 | TI | 11 | L | 7 | 50 | 2.0 | 3/ | | | BAR06 |
| 2001 04 01.04 | | S | 10.8 | NP | 25 | L | 5 | 60 | 2 | 2 | | | SEG |
| 2001 04 01.10 | x | S | 11.1 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2001 04 01.12 | | S | 11.3 | TK | 25.6 | L | 5 | 42 | 2.5 | 4 | 0.1 | 280 | BIV |
| 2001 04 01.64 | | S | 10.5 | TJ | 25.4 | T | 6 | 62 | 1.6 | 3 | | | YOS04 |
| 2001 04 01.68 | | C | 11.6 | TJ | 18.0 | L | 6 | a 90 | 2.4 | | 12 | m 277 | KAD02 |
| 2001 04 01.68 | x | S | 10.5 | TJ | 32.0 | L | 5 | 58 | 2.4 | 4 | | | NAG08 |
| 2001 04 01.88 | d | k | 11.4 | LB | 35 | L | 5 | a840 | + 4 | | > 7 | m 287 | HOR02 |
| 2001 04 01.91 | | M | 10.5 | TT | 35 | L | 5 | 68 | 2.5 | 3/ | | | HOR02 |
| 2001 04 02.04 | x | S | 11.3: | TT | 25 | T | 10 | 89 | & 1.5 | 2 | | | DUS |
| 2001 04 02.05 | | S | 10.4 | TI | 11 | L | 7 | 50 | 2.0 | 2/ | | | BAR06 |
| 2001 04 02.09 | | M | 10.4 | TJ | 25.4 | L | 6 | 76 | 3.5 | 3 | | | GRA04 |
| 2001 04 02.88 | d | k | 11.5 | LB | 35 | L | 5 | a720 | + 4 | | > 5 | m 283 | HOR02 |
| 2001 04 02.90 | | S | 10.5 | TT | 35 | L | 5 | 68 | 3 | 2/ | | | HOR02 |
| 2001 04 02.92 | | S | 10.5 | TJ | 15 | R | 8 | 60 | 1.6 | 7 | | | STO03 |
| 2001 04 03.84 | d | k | 11.7 | LB | 35 | L | 5 | a840 | + 4 | | 10 | m 284 | HOR02 |
| 2001 04 04.06 | x | S | 10.5 | TT | 25 | T | 10 | 89 | & 2 | 2 | | | DUS |
| 2001 04 04.10 | x! | S | 11.4 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2001 04 04.67 | | S | 10.3 | TJ | 25.4 | T | 6 | 62 | 2.8 | 1/ | | | YOS04 |
| 2001 04 04.78 | x | C | 11.8 | HS | 35.0 | C | 14 | a360 | | | | | TSU02 |
| 2001 04 04.79 | x | M | 11.2 | HS | 35.0 | C | 14 | 200 | | | | | TSU02 |
| 2001 04 04.90 | | S | [11.4 | TT | 20 | R | 14 | 140 | | | | | SHA02 |
| 2001 04 05.88 | d | k | 11.6 | LB | 35 | L | 5 | a840 | + 3.7 | | >12 | m 287 | HOR02 |
| 2001 04 10.84 | | S | 10.8 | TT | 13 | L | 8 | 69 | 2.9 | 2/ | | | HOR02 |

Comet C/1999 T1 (McNaught-Hartley) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|---------|----|------|---|----|------|-------|-----|--------|-----|-------|
| 2001 04 10.86 | | | S 10.7 | HS | 11 | L | 7 | 50 | 2.0 | 3 | | | BAR06 |
| 2001 04 11.86 | | | S 10.6 | TJ | 25.4 | J | 6 | 72 | 2.5 | 3 | | | BOU |
| 2001 04 11.92 | | | S 11.2: | TJ | 30.5 | T | 10 | 115 | & 3.5 | 1/ | | | COM |
| 2001 04 11.96 | | | C 10.9 | HS | 14.3 | D | 4 | a 60 | 0.6 | 2 | 2.8m | 274 | MOR09 |
| 2001 04 12.74 | | | C 11.9 | TJ | 18.0 | L | 6 | a 90 | 2.1 | | 10 m | 280 | KAD02 |
| 2001 04 12.83 | | | M 10.7 | TT | 35 | L | 5 | 68 | 2.8 | 2 | | | HOR02 |
| 2001 04 12.87 | x | | S 11.6 | TT | 20 | L | 5 | 50 | 1.5 | d1/ | | | POW01 |
| 2001 04 12.88 | x | | S 11.6: | TT | 20 | L | 5 | 50 | & 2 | d1/ | | | POW02 |
| 2001 04 12.95 | x | | S 11.0 | TJ | 15.0 | L | 6 | 48 | 1.5 | 3 | | | GUZ |
| 2001 04 13.00 | | | S 10.6 | TJ | 7.0 | R | 7 | 24 | 3 | 3 | | | GRA04 |
| 2001 04 13.88 | | | S 10.8 | TJ | 25.4 | J | 6 | 72 | | 2/ | | | DIJ |
| 2001 04 13.88 | | | S 10.8 | TJ | 25.4 | J | 6 | 72 | 3.0 | 2 | | | BOU |
| 2001 04 13.95 | | | S 10.9 | TJ | 25.4 | L | 6 | 76 | 2.5 | 3 | | | GRA04 |
| 2001 04 13.97 | | | S[12.1 | HS | 20 | R | 14 | 110 | | | | | SHA02 |
| 2001 04 14.01 | | | C 11.6 | HS | 14.3 | D | 4 | a120 | 1.0 | 2 | 13.4m | 274 | MOR09 |
| 2001 04 14.15 | | | S 11.9 | NP | 32 | L | 5 | 53 | 4 | | | | CRE01 |
| 2001 04 14.83 | | | M 10.8 | TT | 35 | L | 5 | 68 | 2.6 | 2 | | | HOR02 |
| 2001 04 14.86 | | | S 11.3: | HS | 20 | L | 5 | 70 | 1.5 | 2 | | | BAR06 |
| 2001 04 14.90 | d | k | S 11.7: | LB | 35 | L | 5 | a600 | + 5.5 | | >10 m | 285 | HOR02 |
| 2001 04 14.93 | | | S 11.1 | AC | 40.6 | L | 5 | 72 | 2.2 | 3 | | | RES |
| 2001 04 14.99 | | | S 12.6 | NP | 25 | L | 5 | 96 | 1 | 3 | | | SEG |
| 2001 04 15.84 | x! | | S 12.6 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2001 04 16.82 | | | S 11.3 | AS | 30 | L | 5 | 60 | 2 | 3 | | | NEV |
| 2001 04 18.91 | | | S 10.7 | TJ | 25.4 | J | 6 | 58 | 3.3 | 2 | | | DIJ |
| 2001 04 18.91 | | | S 11.0 | TJ | 25.4 | J | 6 | 58 | 3.0 | 2/ | | | BOU |
| 2001 04 18.93 | | | S 11.2 | TJ | 30.5 | T | 10 | 54 | 2.5 | 1 | | | COM |
| 2001 04 19.63 | | | C 12.1 | TJ | 18.0 | L | 6 | a120 | 2.1 | | 12 m | 283 | KAD02 |
| 2001 04 19.89 | | | S 11.0 | TJ | 25.4 | J | 6 | 72 | 2.8 | 2 | | | BOU |
| 2001 04 21.91 | | | S 11.0 | TJ | 31.0 | J | 6 | 58 | 2.5 | 1/ | | | DIJ |
| 2001 04 21.91 | | | S 11.1 | TJ | 31.0 | J | 6 | 58 | 3.0 | 2 | | | BOU |
| 2001 04 22.53 | | | C 12.4 | TJ | 18.0 | L | 6 | a120 | 1.9 | | 9.5m | 284 | KAD02 |
| 2001 04 22.72 | x | | S 12.0 | HS | 32.0 | L | 5 | 91 | 1.9 | 3 | | | NAG08 |
| 2001 04 22.79 | | | C 11.9 | GA | 60.0 | Y | 6 | a120 | 2.6 | | > 7.2m | 278 | NAK01 |
| 2001 04 23.91 | | | S 11.0 | TJ | 31.0 | J | 6 | 58 | 2.1 | 2/ | | | DIJ |
| 2001 04 23.91 | | | S 11.1 | TJ | 31.0 | J | 6 | 58 | 2.7 | 2 | | | BOU |
| 2001 04 24.91 | | | S 11.9 | HS | 44.0 | L | 5 | 100 | 0.8 | 4 | | | HAS02 |
| 2001 04 24.91 | | | S 12.2: | HS | 20 | R | 14 | 185 | 1.1 | 1 | | | SHA02 |
| 2001 04 25.91 | x | | S 11.6: | TJ | 31.7 | L | 5 | 78 | & 2 | 3 | | | ADA02 |
| 2001 04 25.92 | x | | S 11.6: | TJ | 31.7 | L | 5 | 70 | 2 | 2 | | | SWI |
| 2001 04 27.58 | x | | C 13.3 | TT | 35.0 | C | 14 | a120 | 0.5 | 4 | | | TSU02 |
| 2001 04 27.80 | x! | | S 13.2 | TJ | 35 | L | 6 | 150 | | d1 | | | CHR |
| 2001 04 27.95 | x | | S 12.2 | TJ | 31.7 | L | 5 | 78 | & 1.5 | 2 | | | ADA02 |
| 2001 04 28.94 | | | S 11.4 | TJ | 25.4 | J | 6 | 72 | 2.2 | 1/ | | | BOU |
| 2001 04 28.94 | | | S 11.4 | TJ | 25.4 | J | 6 | 72 | 2.5 | 1/ | | | DIJ |

Comet C/1999 T2 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|------|---|----|------|-------|-----|------|----|-------|
| 2000 05 26.89 | | | C 15.0 | HS | 35.0 | M | 4 | a 90 | 0.2 | | | | CHE03 |
| 2000 05 26.98 | | | C 15.5 | HS | 35.0 | M | 4 | a 90 | 0.2 | | | | CHE03 |
| 2000 06 05.97 | | | C 15.2 | HS | 35.0 | M | 4 | a 60 | 0.2 | | | | CHE03 |
| 2000 06 05.99 | | | C 14.8 | HS | 35.0 | M | 4 | a100 | | | | | ZDA |
| 2000 07 24.99 | x | | S 13.3 | HS | 30 | L | 4 | 206 | 0.8 | s2 | | | GRA09 |
| 2000 08 02.03 | x | | S 13.4 | HS | 30 | L | 4 | 206 | 0.7 | s2/ | | | GRA09 |
| 2000 09 29.86 | x | | S 13.5 | HS | 30 | L | 4 | 206 | 0.5 | 2/ | | | GRA09 |
| 2000 11 01.80 | | | S 11.8 | HS | 34 | T | | 100 | 0.5 | 1 | | | SZA |
| 2000 11 02.81 | | | S 12.9 | AC | 40.6 | L | 5 | 130 | 1.0 | 2/ | | | RES |
| 2000 12 12.85 | | | C 13.7 | TJ | 18.0 | L | 6 | a 90 | 0.75 | | | | KAD02 |
| 2000 12 15.84 | | | C 14.1 | TJ | 18.0 | L | 6 | a 90 | 0.6 | | | | KAD02 |
| 2000 12 23.20 | | | S[12.5 | HS | 34 | T | | 150 | | | | | SZA |
| 2000 12 26.86 | | | C 13.7 | TJ | 18.0 | L | 6 | a 90 | 0.9 | | | | KAD02 |
| 2000 12 29.85 | | | C 13.4 | TJ | 18.0 | L | 6 | a 90 | 1.0 | | | | KAD02 |
| 2001 01 11.85 | | | C 13.8 | TJ | 18.0 | L | 6 | a 90 | 0.9 | | | | KAD02 |
| 2001 01 14.83 | | | C 14.0 | TJ | 18.0 | L | 6 | a 90 | 0.8 | | | | KAD02 |
| 2001 01 18.82 | | | S[12.2 | HS | 25.4 | T | 6 | 116 | ! 1.2 | | | | YOS04 |

Comet C/1999 T2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|--------|----|------|----|-------|
| 2001 01 29.82 | | C | 13.9 | TJ | 18.0 | L | 6 | a120 | 1.0 | | | | KAD02 |
| 2001 02 05.81 | | C | 13.9 | TJ | 18.0 | L | 6 | a120 | 0.9 | | | | KAD02 |
| 2001 02 10.80 | | C | 13.7 | TJ | 18.0 | L | 6 | a120 | 1.0 | | | | KAD02 |
| 2001 02 15.07 | d | k | 14.0 | LB | 35 | L | 5 | a600 | 0.7 | | | | HOR02 |
| 2001 02 16.07 | d | k | 14.0 | LB | 35 | L | 5 | a600 | 0.7 | | | | HOR02 |
| 2001 02 16.79 | | C | 13.9 | TJ | 18.0 | L | 6 | a120 | 1.1 | | | | KAD02 |
| 2001 02 24.07 | | S | 12.8 | AC | 40.6 | L | 5 | 72 | 1.2 | 2/ | | | RES |
| 2001 02 25.10 | | S | 12.8 | AC | 40.6 | L | 5 | 72 | 1.2 | 3 | | | RES |
| 2001 02 25.84 | | C | 13.6 | TJ | 18.0 | L | 6 | a120 | 1.2 | | | | KAD02 |
| 2001 02 28.05 | d | k | 13.1 | LB | 35 | L | 5 | a660 | 1.2 | | 1.1m | 3 | HOR02 |
| 2001 03 02.71 | | S | 12.4 | HS | 25.4 | T | 6 | 116 | 1.9 | 3/ | | | YOS04 |
| 2001 03 02.79 | | C | 13.7 | TJ | 18.0 | L | 6 | a120 | 1.1 | | | | KAD02 |
| 2001 03 09.78 | | C | 13.7 | TJ | 18.0 | L | 6 | a120 | 1.0 | | | | KAD02 |
| 2001 03 10.78 | | C | 13.6 | TJ | 18.0 | L | 6 | a120 | 1.2 | | | | KAD02 |
| 2001 03 15.79 | | C | 13.4 | TJ | 18.0 | L | 6 | a 90 | 1.2 | | | | KAD02 |
| 2001 03 16.97 | | S | 12.5 | HS | 44.5 | T | 4 | 146 | 1.6 | 4/ | | | SAR02 |
| 2001 03 21.07 | | S | 12.7 | VB | 25.4 | L | 6 | 76 | 1.1 | 3 | | | GRA04 |
| 2001 03 21.07 | | S | 13.0 | AC | 25.4 | J | 6 | 115 | 1.3 | 3 | | | BOU |
| 2001 03 21.81 | | C | 13.1 | GA | 60.0 | Y | 6 | a120 | 2.5 | | | | NAK01 |
| 2001 03 26.77 | | C | 13.4 | TJ | 18.0 | L | 6 | a120 | 1.3 | | | | KAD02 |
| 2001 03 26.88 | | S | 13.0 | AS | 30 | L | 5 | 100 | 0.7 | 3 | | | NEV |
| 2001 03 26.97 | | S | 12.9 | GA | 25.4 | J | 6 | 88 | 1.3 | 3 | | | BOU |
| 2001 03 28.99 | | S | 13.0 | NP | 30 | L | 5 | 60 | 1 | 3 | | | NEV |
| 2001 04 01.66 | | S | [12.1 | HS | 25.4 | T | 6 | 116 | ! 1.0 | | | | YOS04 |
| 2001 04 01.70 | | C | 13.3 | TJ | 18.0 | L | 6 | a 90 | 1.2 | | | | KAD02 |
| 2001 04 01.92 | d | k | 12.9 | LB | 35 | L | 5 | a600 | 1.6 | | | | HOR02 |
| 2001 04 01.94 | | S | 12.5 | TT | 35 | L | 5 | 158 | 1.5 | 3 | | | HOR02 |
| 2001 04 02.92 | d | k | 13.2 | LB | 35 | L | 5 | a600 | 1.4 | | | | HOR02 |
| 2001 04 02.94 | | S | 12.6 | TT | 35 | L | 5 | 158 | 1.5 | 3 | | | HOR02 |
| 2001 04 03.89 | d | k | 13.2 | LB | 35 | L | 5 | a720 | 1.4 | | | | HOR02 |
| 2001 04 05.92 | d | k | 13.1 | LB | 35 | L | 5 | A320 | 1.6 | | | | HOR02 |
| 2001 04 12.43 | x | C | 14.1 | HS | 25.4 | T | 5 | a 60 | + 1 | | | | WES06 |
| 2001 04 12.76 | | C | 13.5 | TJ | 18.0 | L | 6 | a 90 | 0.9 | | | | KAD02 |
| 2001 04 13.89 | | S | 12.8 | HS | 25.4 | J | 6 | 100 | 1.2 | 3 | | | BOU |
| 2001 04 13.90 | | S | 13.3 | HS | 25.4 | J | 6 | 100 | 1.2 | 3 | | | DIJ |
| 2001 04 13.93 | | S | 12.9: | VB | 30 | R | 20 | 230 | 0.7 | 2 | | | SHA02 |
| 2001 04 13.97 | | S | 13.3 | VB | 25.4 | L | 6 | 76 | 1.2 | 2 | | | GRA04 |
| 2001 04 13.99 | | C | 13.4 | HS | 14.3 | D | 4 | a120 | 0.9 | 0 | | | MOR09 |
| 2001 04 14.88 | d | k | 12.9 | LB | 35 | L | 5 | a600 | 1.9 | | | | HOR02 |
| 2001 04 14.92 | | S | 12.7 | TT | 35 | L | 5 | 158 | 1.7 | 2/ | | | HOR02 |
| 2001 04 14.93 | | S | 13.0 | AC | 40.6 | L | 5 | 122 | 1.2 | 3 | | | RES |
| 2001 04 14.98 | | S | 13.6 | NP | 25 | L | 5 | 96 | 1 | 2 | | | SEG |
| 2001 04 19.64 | | C | 13.5 | TJ | 18.0 | L | 6 | a120 | 1.2 | | | | KAD02 |
| 2001 04 19.88 | | S | 12.9 | HS | 25.4 | J | 6 | 88 | 1.1 | 3/ | | | BOU |
| 2001 04 21.92 | | S | 13.0 | AC | 31.0 | J | 6 | 124 | 1.2 | 3 | | | BOU |
| 2001 04 22.60 | x | C | 14.4 | TT | 35.0 | C | 14 | a120 | 0.8 | 4 | | | TSU02 |
| 2001 04 22.71 | | C | 13.0 | GA | 60.0 | Y | 6 | a120 | 2.5 | | | | NAK01 |
| 2001 04 23.92 | | S | 13.0 | AC | 31.0 | J | 6 | 109 | 1.1 | 4 | | | BOU |
| 2001 04 23.93 | | S | 12.9 | HS | 31.0 | J | 6 | 109 | 1.0 | 3 | | | DIJ |
| 2001 04 24.94 | | S | 13.5 | VB | 30 | R | 20 | 230 | 0.8 | 2 | | | SHA02 |
| 2001 04 26.71 | | C | 13.5 | TJ | 18.0 | L | 6 | a120 | 1.2 | | | | KAD02 |
| 2001 04 26.87 | | S | 12.6 | HS | 44.0 | L | 5 | 156 | 0.5 | 4 | | | HAS02 |
| 2001 04 28.08 | x | C | 14.7 | TJ | 25.4 | T | 5 | a 60 | + 0.78 | | | | WES06 |

Comet C/1999 U4 (Catalina-Skiff)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|-------|----|------|----|-------|
| 2000 12 19.94 | d | k | 15.5 | LB | 35 | L | 5 | a720 | 0.35 | | | | HOR02 |
| 2000 12 20.75 | d | k | 15.7 | LB | 35 | L | 5 | a600 | 0.35 | | | | HOR02 |
| 2000 12 22.92 | d | k | 15.8 | LB | 35 | L | 5 | a540 | 0.4 | | | | HOR02 |
| 2000 12 23.52 | | C | 16.0 | TJ | 18.0 | L | 6 | a120 | 0.35 | | | | KAD02 |
| 2000 12 31.92 | d | k | 15.8: | LB | 35 | L | 5 | a600 | 0.3 | | | | HOR02 |
| 2001 01 13.88 | d | k | 16.0: | LB | 35 | L | 5 | a720 | 0.3 | | | | HOR02 |
| 2001 01 14.88 | d | k | 16.1 | LB | 35 | L | 5 | a660 | 0.3 | | | | HOR02 |
| 2001 01 20.75 | | S | [14.0 | HS | 44.5 | L | 4 | 146 | ! 0.5 | | | | SAR02 |

Comet C/1999 U4 (Catalina-Skiff) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|------|---|----|------|------|----|------|-----|-------|
| 2001 01 21.46 | | | C 16.1 | TJ | 18.0 | L | 6 | a180 | 0.45 | | | | KAD02 |
| 2001 01 21.47 | | | C 16.0 | GA | 60.0 | Y | 6 | a120 | 0.55 | | 0.7m | 143 | NAK01 |
| 2001 01 28.89 | d | k | 16.2: | LB | 35 | L | 5 | a240 | 0.25 | | | | HORO2 |
| 2001 02 11.80 | d | k | 16.5 | LB | 35 | L | 5 | a600 | 0.3 | | | | HORO2 |
| 2001 02 14.84 | d | k | 15.7 | LB | 35 | L | 5 | a600 | 0.4 | | | | HORO2 |
| 2001 02 15.91 | d | k | 16.5 | LB | 35 | L | 5 | a600 | 0.35 | | | | HORO2 |
| 2001 02 24.81 | d | k | 16.0 | LB | 35 | L | 5 | a720 | 0.3 | | | | HORO2 |
| 2001 02 27.81 | d | k | 16.2 | LB | 35 | L | 5 | a720 | 0.35 | | | | HORO2 |
| 2001 03 12.85 | | | S 14.0 | AC | 31.0 | J | 6 | 186 | 0.5 | 4 | | | BOU |
| 2001 03 15.46 | x | | C 16.2 | TJ | 60.0 | Y | 6 | a120 | 0.55 | | 0.8m | 177 | NAK01 |
| 2001 04 21.89 | a | | S 13.6 | AC | 31.0 | J | 6 | 143 | 0.7 | 4 | | | BOU |
| 2001 04 23.89 | | | S 13.7 | HS | 31.0 | J | 6 | 143 | 0.7 | 4 | | | BOU |
| 2001 04 26.85 | | | S[14.0 | HS | 44.0 | L | 5 | 226 | | | | | HAS02 |

Comet C/1999 Y1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|----------|----|------|---|----|------|------|-----|------|-----|-------|
| 2000 07 26.02 | | | d k 14.5 | FD | 35 | L | 5 | a420 | 0.4 | | 0.3m | 310 | HORO2 |
| 2000 08 01.01 | | | d k 14.4 | FD | 35 | L | 5 | a540 | 0.4 | | | | HORO2 |
| 2000 08 02.01 | | | d k 14.5 | FD | 35 | L | 5 | a720 | 0.4 | | | | HORO2 |
| 2000 10 09.12 | x | | S 12.5: | HS | 30 | L | 4 | 206 | & 1 | 3/ | | | GRA09 |
| 2000 10 23.08 | | | S 13.5 | HS | 34 | T | | 150 | 0.7 | 3 | | | SZA |
| 2000 10 23.96 | x | | S 12.7 | HS | 35 | M | 10 | 225 | 0.8 | S5 | | | DRA02 |
| 2000 10 29.07 | | | S 12.1 | HS | 34 | T | | 100 | 0.8 | 3 | | | SZA |
| 2000 10 30.96 | x | | S 12.2 | HS | 35 | M | 10 | 225 | 1.1 | s3 | | | DRA02 |
| 2000 11 01.82 | | | S 12.4 | HS | 34 | T | | 100 | 1 | 3 | | | SZA |
| 2000 11 01.93 | | | S 12.3 | HS | 27 | T | 6 | 83 | 1.3 | 4 | | | TOT03 |
| 2000 11 01.98 | x | | S 12.2 | HS | 35 | M | 10 | 144 | 1.3 | s3 | | | DRA02 |
| 2000 11 02.81 | x! | | S 12.6 | TJ | 35 | L | 6 | 150 | & 2 | d2 | | | CHR |
| 2000 11 02.88 | x | | B 12.7 | TT | 20 | L | 5 | 110 | 2 | s4 | | | POW01 |
| 2000 11 02.89 | x | | B 12.6 | TT | 20 | L | 5 | 110 | 2 | s4 | | | BAR10 |
| 2000 11 02.89 | x | | S 12.7 | HS | 20 | L | 5 | 110 | 2 | 4 | | | BUR04 |
| 2000 11 02.96 | x | | S 12.6 | HS | 35 | M | 10 | 225 | 1.0 | s3 | | | DRA02 |
| 2000 11 03.01 | | | S 11.9 | AC | 40.6 | L | 5 | 72 | 1.4 | 4 | | | RES |
| 2000 11 03.83 | | | S 12.2 | AC | 40.6 | L | 5 | 72 | 1.5 | 4 | | | RES |
| 2000 11 06.02 | x | | S 12.0 | HS | 35 | M | 10 | 225 | 1.0 | s4/ | | | DRA02 |
| 2000 11 06.03 | x | | S 12.1 | HS | 35 | M | 10 | 225 | 0.9 | 4 | | | GRO04 |
| 2000 11 20.74 | x! | | S 12.6 | TJ | 35 | L | 6 | 150 | & 2 | d2 | | | CHR |
| 2000 11 20.79 | x | | B 12.5 | TT | 20 | L | 5 | 110 | 2 | s3/ | | | POW01 |
| 2000 11 23.80 | x! | | S 12.7 | TJ | 35 | L | 6 | 150 | & 2 | d1 | | | CHR |
| 2000 11 24.76 | x! | | S 12.7 | TJ | 35 | L | 6 | 150 | & 2 | d1 | | | CHR |
| 2000 11 27.82 | | | S 12.7 | HS | 27 | T | 6 | 83 | 0.6 | 2 | | | TOT03 |
| 2000 11 28.70 | x! | | S 12.9 | TJ | 35 | L | 6 | 150 | & 2 | d1 | | | CHR |
| 2000 11 29.82 | x! | | S 12.9 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2000 11 30.76 | x! | | S 12.9 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2000 12 01.72 | x! | | S 12.9 | TJ | 35 | L | 6 | 105 | & 2 | d1 | | | CHR |
| 2000 12 01.83 | x | | S 12.1 | HS | 35 | M | 10 | 225 | 0.7 | s3 | | | DRA02 |
| 2000 12 02.67 | x | | I[12.8 | TT | 20 | L | 5 | 110 | | | | | POW01 |
| 2000 12 02.83 | x | | I[12.5 | TT | 20 | L | 5 | 110 | | | | | POW01 |
| 2000 12 16.37 | | | C 13.1 | TJ | 18.0 | L | 6 | a 60 | 0.85 | | 2.3m | 33 | KAD02 |
| 2000 12 16.77 | | | S 12.8 | HS | 27 | T | 6 | 83 | 1.0 | 3/ | | | TOT03 |
| 2000 12 18.82 | d | k | 13.1 | LB | 35 | L | 5 | a540 | 1.0 | | 1.5m | 26 | HORO2 |
| 2000 12 19.87 | | | M 12.7 | TT | 35 | L | 5 | 158 | 1.8 | 3/ | | | HORO2 |
| 2000 12 19.88 | d | k | 13.1 | LB | 35 | L | 5 | a420 | 1.0 | | 1.8m | 31 | HORO2 |
| 2000 12 20.77 | | | S 12.8 | HS | 27 | T | 6 | 120 | 0.8 | 3 | | | TOT03 |
| 2000 12 20.77 | | | S 13.1 | HS | 27 | T | 6 | 120 | 1 | 2 | | | SIP |
| 2000 12 20.82 | d | k | 13.0 | LB | 35 | L | 5 | a600 | 1.1 | | 6.0m | 26 | HORO2 |
| 2000 12 20.84 | | | M 12.5 | TT | 35 | L | 5 | 158 | 1.8 | 3 | | | HORO2 |
| 2000 12 22.75 | | | S 13.3 | HS | 24.5 | T | 5 | 120 | 1.2 | 2 | | | CSU01 |
| 2000 12 22.79 | | | S 13.2 | HS | 27 | T | 6 | 120 | 0.8 | 2 | | | TOT03 |
| 2000 12 22.82 | d | k | 12.9 | LB | 35 | L | 5 | a600 | 1.0 | | 3.3m | 25 | HORO2 |
| 2000 12 22.84 | | | M 12.5 | TT | 35 | L | 5 | 158 | 1.6 | 2/ | | | HORO2 |
| 2000 12 23.47 | | | C 13.6 | TJ | 18.0 | L | 6 | a 60 | 0.7 | | 1.2m | 38 | KAD02 |
| 2000 12 23.84 | | | S 12.8 | AC | 40.6 | L | 5 | 72 | 2.5 | 3 | | | RES |
| 2000 12 23.90 | | | S 12.8 | HS | 30.5 | L | 10 | 115 | 0.8 | 2 | | | KAM01 |

Comet C/1999 Y1 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2000 12 24.86 | d | k | 12.9 | LB | 35 | L | 5 | a420 | 0.8 | | 1.5m | 23 | HOR02 |
| 2000 12 30.81 | | S | 13.4 | HS | 27 | T | 6 | 120 | 1.0 | 2 | | | TOT03 |
| 2000 12 31.82 | d | k | 13.2 | LB | 35 | L | 5 | a420 | 0.9 | | 2.5m | 25 | HOR02 |
| 2001 01 06.39 | | C | 13.1 | TJ | 18.0 | L | 6 | a 60 | 0.85 | | 2.2m | 37 | KAD02 |
| 2001 01 08.85 | & | C | 13.0 | HS | 14.3 | D | 4 | a120 | 0.6 | 6 | 1.4m | 50 | MOR09 |
| 2001 01 08.85 | & | C | 13.0 | HS | 14.3 | D | 4 | a120 | 0.6 | 6 | 1.4m | 50 | MOR09 |
| 2001 01 12.86 | d | k | 13.4 | LB | 35 | L | 5 | a360 | 0.8 | | 0.8m | 34 | HOR02 |
| 2001 01 13.75 | | M | 12.9 | HS | 35 | L | 5 | 158 | 1.4 | 3 | | | HOR02 |
| 2001 01 13.77 | d | k | 13.5 | LB | 35 | L | 5 | a420 | 0.8 | | 0.9m | 44 | HOR02 |
| 2001 01 13.78 | | S | 12.5 | HS | 44.0 | L | 5 | 156 | 0.6 | 3 | | | HAS02 |
| 2001 01 14.78 | d | k | 13.5 | LB | 35 | L | 5 | a600 | 0.8 | | 1.9m | 36 | HOR02 |
| 2001 01 22.79 | | M | 13.0 | GA | 25 | L | 4 | 128 | 0.5 | 1/ | | | SHU |
| 2001 01 24.76 | | S | 12.7 | AC | 25.4 | J | 6 | 88 | 1.1 | 3/ | | | BOU |
| 2001 02 03.39 | | C | 13.5 | TJ | 18.0 | L | 6 | a 90 | 0.85 | | 0.6m | 18 | KAD02 |
| 2001 02 13.72 | | S | 12.8 | AC | 40.6 | L | 5 | 72 | 1.5 | 3/ | | | RES |
| 2001 02 14.76 | d | k | 13.5 | LB | 35 | L | 5 | a360 | 0.8 | | | | HOR02 |
| 2001 02 14.81 | | S | 12.9 | HS | 25.6 | L | 5 | 169 | 1 | 6 | | | BIV |
| 2001 02 17.39 | | C | 13.7 | TJ | 18.0 | L | 6 | a 90 | 0.8 | | 1.2m | 14 | KAD02 |

Comet C/2000 A1 (Montani)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2000 11 25.80 | ! | k | 18.5 | LA | 103.0 | C | 4 | a240 | 0.2 | | 0.2m | 258 | ORI |
| 2001 01 21.68 | | C | 18.2 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | 255 | NAK01 |
| 2001 02 22.75 | ! | k | 18.0 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.2m | 255 | ORI |
| 2001 02 26.68 | | C | 18.5 | GA | 60.0 | Y | 6 | a240 | 0.3 | | | 240 | NAK01 |

Comet C/2000 B4 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2000 11 25.81 | ! | k | 19.6 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |
| 2000 12 22.78 | ! | k | 19.7 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |
| 2000 12 29.77 | ! | k | 19.6 | LA | 103.0 | C | 4 | a240 | 0.2 | | | | ORI |
| 2001 01 23.38 | | k | 19.3 | L | 226.0 | C | 2 | a120 | | 9 | | | HER02 |
| 2001 02 22.77 | ! | k | 19.2 | LA | 103.0 | C | 4 | a240 | | 8 | | | ORI |
| 2001 03 15.60 | | C | 20.0 | GA | 60.0 | Y | 6 | a240 | 0.2 | | | | NAK01 |

Comet C/2000 K1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|-----|-------|
| 2000 06 05.91 | | C | 16.1 | HS | 35.0 | M | 4 | a120 | 0.4 | | 1.0m | | CHE03 |
| 2000 06 05.93 | | C | 15.8 | HS | 35.0 | M | 4 | a120 | 0.3 | | 1.0m | | CHE03 |
| 2000 06 05.97 | | C | 15.8 | HS | 35.0 | M | 4 | a120 | 0.3 | | | | LAU02 |
| 2000 06 07.94 | | C | 15.8 | HS | 35.0 | M | 4 | a120 | 0.5 | | 2.5m | | CHE03 |
| 2001 02 16.82 | | C | 17.0 | TJ | 18.0 | L | 6 | a300 | 0.3 | | 0.8m | 184 | KAD02 |
| 2001 03 21.82 | | C | 16.9 | GA | 60.0 | Y | 6 | a240 | 0.55 | | 2.1m | 157 | NAK01 |
| 2001 04 22.78 | | C | 17.1 | GA | 60.0 | Y | 6 | a240 | 0.45 | | 1.7m | 151 | NAK01 |

Comet C/2000 K2 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|-----|-------|
| 2000 06 05.92 | | C | 16.6 | HS | 35.0 | M | 4 | a 90 | 0.2 | | 0.5m | | CHE03 |
| 2000 06 05.94 | | C | 16.3 | HS | 35.0 | M | 4 | a 90 | 0.2 | | | | CHE03 |
| 2000 12 20.72 | d | k | 13.7 | LB | 35 | L | 5 | a600 | 0.75 | | 0.9m | 344 | HOR02 |
| 2000 12 31.69 | d | k | 14.0 | LB | 35 | L | 5 | a180 | 0.55 | | | | HOR02 |
| 2001 01 12.72 | d | k | 14.2 | LB | 35 | L | 5 | a480 | 0.5 | | | | HOR02 |
| 2001 01 13.71 | d | k | 14.0 | LB | 35 | L | 5 | a540 | 0.7 | | 0.8m | 320 | HOR02 |
| 2001 01 15.70 | d | k | 14.3: | LB | 35 | L | 5 | a 60 | 0.3 | | | | HOR02 |

Comet C/2000 OF_8 (Spacewatch)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2000 09 26.11 | | k | 19.4 | L | 226.0 | C | 9 | a300 | 0.08 | 8 | | | HER02 |

Comet C/2000 SV_74 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2000 12 19.91 | d | k | 16.1 | LB | 35 | L | 5 | a600 | 0.4 | | | | HORO2 |
| 2000 12 20.86 | d | k | 15.9 | LB | 35 | L | 5 | a480 | 0.3 | | | | HORO2 |
| 2001 01 02.08 | | J | 14.9 | SC | 25.4 | T | 5 | a100 | 0.36 | s3 | | | ROQ |

Comet C/2000 U5 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|-----|-------|
| 2000 12 19.98 | d | k | 16.4 | LB | 35 | L | 5 | a600 | 0.35 | | | | HORO2 |
| 2000 12 23.52 | | C | 16.7 | TJ | 18.0 | L | 6 | a120 | 0.35 | | | | KADO2 |
| 2001 01 01.02 | d | k | 16.4: | LB | 35 | L | 5 | a300 | 0.25 | | | | HORO2 |
| 2001 01 21.48 | | C | 16.9 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KADO2 |
| 2001 01 21.53 | | C | 16.7 | GA | 60.0 | Y | 6 | a120 | 0.6 | | 0.9m | 136 | NAK01 |
| 2001 02 14.88 | d | k | 17.6 | LB | 35 | L | 5 | a600 | 0.2 | | | | HORO2 |
| 2001 02 15.86 | d | k | 17.8: | LB | 35 | L | 5 | a600 | 0.2 | | | | HORO2 |
| 2001 02 20.48 | | C | 17.2 | GA | 60.0 | Y | 6 | a240 | 0.4 | | | 120 | NAK01 |
| 2001 02 20.48 | ! | k | 16.9 | LA | 103.0 | C | 4 | a240 | 0.3 | | | | ORI |

Comet C/2000 W1 (Utsunomiya-Jones)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|-----|----|-------|----|-------|---|----|------|------|----|------|----|-------|
| 2000 11 26.56 | x | S | 8.2 | TT | 41 | L | 4 | 90 | 3.2 | 3 | | | PEA |
| 2000 11 27.57 | x | S | 7.6 | TT | 8.0 | B | | 20 | 8.4 | 2 | | | PEA |
| 2000 11 28.82 | x | S | 7.2 | TT | 8.0 | B | | 20 | 8.0 | 3 | | | PEA |
| 2000 11 29.52 | x | S | 7.0 | TT | 8.0 | B | | 20 | 6.5 | 3 | | | PEA |
| 2000 11 30.53 | x | S | 6.8 | TT | 8.0 | B | | 20 | 8.5 | 4 | | | PEA |
| 2000 12 02.53 | x | S | 6.8 | TT | 8.0 | B | | 20 | 8 | 4 | | | PEA |
| 2000 12 04.53 | x | S | 6.8 | TT | 8.0 | B | | 20 | 6.5 | 5 | | | PEA |
| 2000 12 05.53 | x | S | 6.9 | TT | 8.0 | B | | 20 | 5.5 | 4 | | | PEA |
| 2000 12 06.53 | x | S | 6.9 | TT | 8.0 | B | | 20 | 5.0 | 5 | | | PEA |
| 2000 12 07.56 | x | S | 7.0 | TT | 8.0 | B | | 20 | 5.0 | 5 | | | PEA |
| 2000 12 13.52 | x | S | 6.7 | TT | 8.0 | B | | 20 | 2.7 | 7 | | | PEA |
| 2000 12 14.52 | x | S | 6.7 | TT | 8.0 | B | | 20 | 2.5 | 7/ | | | PEA |
| 2000 12 16.35 | | C | 7.8 | TJ | 18.0 | L | 6 | a 20 | 1.9 | | 3.5m | 85 | KADO2 |
| 2000 12 16.36 | x | S | 7.5 | TJ | 12.0 | B | | 20 | 2.3 | 5/ | 0.25 | 90 | MIYO1 |
| 2000 12 28.55 | | C | 7.4: | S | 1.8 | R | 9 | a 19 | | | 0.2 | | CHEO3 |
| 2000 12 29.49 | | C | 7.7: | S | 1.8 | R | 9 | a 19 | | | 0.1 | | CHEO3 |
| 2001 01 11.87 | | C | 11.9: | TJ | 18.0 | L | 6 | a 20 | 0.65 | | | | KADO2 |
| 2001 01 13.87 | | C | 11.4: | TJ | 18.0 | L | 6 | a 60 | 1.2 | | | | KADO2 |
| 2001 01 14.87 | | C | 11.7 | TJ | 18.0 | L | 6 | a 90 | 1.3 | | | | KADO2 |
| 2001 01 17.86 | x\$ | S | 10.1 | TJ | 32.0 | L | 5 | 58 | 3 | 4 | | | NAG08 |
| 2001 01 18.86 | | C | 12.7: | TJ | 18.0 | L | 6 | a120 | 1.1 | | | | KADO2 |
| 2001 01 18.86 | xw | S | 10.4 | TJ | 32.0 | L | 5 | 58 | 3 | 3 | | | NAG08 |
| 2001 01 22.88 | x | S | 10.5 | HS | 25.4 | L | 4 | 113 | 1.5 | 2 | | | YOSO2 |
| 2001 01 23.86 | | C | 13.6: | TJ | 18.0 | L | 6 | a120 | 0.7 | | | | KADO2 |
| 2001 01 29.84 | | C | 14.2: | TJ | 18.0 | L | 6 | a120 | 0.8 | | | | KADO2 |
| 2001 02 11.12 | | S | 11.4 | GA | 24 | L | 5 | 115 | 1.6 | 2 | | | KORO1 |
| 2001 02 12.54 | | k | 15.5: | L | 154.0 | L | | B400 | 1.73 | 1/ | | | HERO2 |
| 2001 02 17.12 | | S | 11.5 | GA | 24 | L | 5 | 115 | 1.4 | 2/ | | | KORO1 |
| 2001 02 19.13 | x | S | [11.5 | HS | 30 | L | 4 | 96 | ! | 1 | | | GRA09 |
| 2001 02 19.69 | | | [12.5 | HS | 20 | L | 7 | 160 | | | | | MAT08 |
| 2001 02 20.10 | | M | 11.9 | GA | 25 | L | 4 | 120 | 0.4 | 3 | | | SHU |
| 2001 02 20.10 | | S | 11.6 | GA | 24 | L | 5 | 115 | 1.4 | 2/ | | | KORO1 |
| 2001 04 26.86 | | S | [14.0 | HS | 44.0 | L | 5 | 226 | | | | | HASO2 |

Comet C/2000 WM_1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|--------|----|------|-------|-------|
| 2000 12 23.50 | | C | 17.4: | HS | 18.0 | L | 6 | a180 | 0.2 | | | | KADO2 |
| 2001 01 06.42 | | C | 17.9 | GA | 40.0 | L | 6 | a240 | 0.15 | | | | AKA |
| 2001 01 21.45 | | C | 17.7 | TJ | 18.0 | L | 6 | a240 | 0.2 | | | | KADO2 |
| 2001 01 24.42 | | C | 17.6 | GA | 40.0 | L | 6 | a240 | 0.2 | | | | AKA |
| 2001 02 12.14 | | k | 17.4 | L | 154.0 | C | 9 | A200 | 0.23 | 7 | 20 | s 200 | HERO2 |
| 2001 02 17.78 | ! | C | 17.7 | GA | 30 | T | 9 | a180 | | S8 | | | RODO1 |
| 2001 02 19.45 | a | C | 17.6 | GA | 60.0 | Y | 6 | a120 | 0.25 | | | | NAK01 |
| 2001 02 20.80 | ! | C | 17.3 | GA | 30 | T | 9 | a180 | > 0.22 | S8 | | | RODO1 |

Comet C/2000 WM_1 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|--------|----|------|----|-------|
| 2001 02 25.43 | | C | 17.5 | TJ | 18.0 | L | 6 | a240 | 0.25 | | | | KAD02 |
| 2001 02 26.79 | ! | C | 17.1 | GA | 30 | T | 9 | a180 | > 0.22 | S8 | | | ROD01 |
| 2001 03 13.79 | ! | C | 17.2 | GA | 30 | T | 9 | a180 | > 0.24 | S6 | | | ROD01 |
| 2001 03 18.80 | ! | C | 17.1: | GA | 30 | T | 9 | a180 | > 0.28 | S5 | | | ROD01 |
| 2001 03 25.77 | ! | C | 16.9 | GA | 30 | T | 9 | a180 | > 0.28 | d4 | | | ROD01 |

Comet C/2000 Y1 (Tubbiolo)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2001 01 21.51 | | C | 19.6 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | | NAK01 |
| 2001 02 20.46 | | C | 19.9 | GA | 60.0 | Y | 6 | a240 | 0.2 | | | | NAK01 |

Comet C/2000 Y2 (Skiff)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|------|-------|-------|------|---|------|------|------|----|------|-------|-------|
| 2000 12 28.78 | | C | 17.8: | HS | 18.0 | L | 6 | a240 | 0.15 | | | | KAD02 |
| 2000 12 29.80 | | C | 17.9: | HS | 18.0 | L | 6 | a240 | 0.15 | | | | KAD02 |
| 2001 01 01.12 | | C | 18.3 | TI | 60.0 | D | 2 | a300 | 0.17 | | 10 | s 340 | SAR02 |
| 2001 01 03.73 | | C | 17.8: | HS | 18.0 | L | 6 | a300 | 0.2 | | | | KAD02 |
| 2001 02 13.40 | k | 16.7 | L | 154.0 | C | 9 | a900 | 0.22 | 0.22 | 6 | 32 | s 285 | HER02 |
| 2001 02 18.60 | | C | 16.8 | TJ | 18.0 | L | 6 | a300 | 0.4 | | | | KAD02 |
| 2001 02 19.60 | | C | 16.9 | GA | 60.0 | Y | 6 | a240 | 0.5 | | | 290 | NAK01 |
| 2001 02 26.66 | | C | 16.7 | GA | 60.0 | Y | 6 | a240 | 0.55 | | | | NAK01 |
| 2001 03 13.55 | | C | 16.8 | GA | 60.0 | Y | 6 | a120 | 0.4 | | | | NAK01 |
| 2001 03 18.53 | | C | 17.0 | TJ | 18.0 | L | 6 | a240 | 0.3 | | | | KAD02 |
| 2001 03 26.51 | | C | 16.8 | GA | 60.0 | Y | 6 | a240 | 0.5 | | | | NAK01 |
| 2001 04 19.51 | | C | 17.3 | GA | 60.0 | Y | 6 | a120 | 0.35 | | | | NAK01 |

Comet C/2001 A1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|-----|-------|
| 2001 01 15.71 | | C | 16.5 | TJ | 18.0 | L | 6 | a240 | 0.35 | | | | KAD02 |
| 2001 01 18.80 | | C | 16.6 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 01 29.82 | | C | 16.6 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 02 02.73 | x | C | 16.4: | HV | 60.0 | Y | 6 | a120 | 0.6 | | | 140 | NAK01 |
| 2001 02 10.78 | | C | 16.9 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 02 11.65 | | C | 16.8 | TJ | 18.0 | L | 6 | a180 | 0.35 | | | | KAD02 |
| 2001 02 14.94 | d | k | 16.8 | LB | 35 | L | 5 | a660 | 0.2 | | | | HOR02 |
| 2001 02 15.96 | d | k | 16.9 | LB | 35 | L | 5 | a600 | 0.25 | | | | HOR02 |
| 2001 02 19.65 | | C | 16.3 | GA | 60.0 | Y | 6 | a120 | 0.6 | | | 150 | NAK01 |
| 2001 02 24.85 | d | k | 16.5 | LB | 35 | L | 5 | a660 | 0.3 | | | | HOR02 |
| 2001 02 27.86 | d | k | 16.3 | LB | 35 | L | 5 | a840 | 0.4 | | | | HOR02 |
| 2001 03 13.56 | | C | 16.7 | GA | 60.0 | Y | 6 | a120 | 0.65 | | | | NAK01 |

Comet C/2001 A2 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|------|-------|-------|------|---|------|------|------|----|------|----|-------|
| 2001 01 17.46 | | C | 17.5 | GA | 40.0 | L | 6 | a120 | 0.2 | | | | AKA |
| 2001 01 17.69 | | C | 17.1 | TJ | 18.0 | L | 6 | a180 | 0.25 | | | | KAD02 |
| 2001 01 21.56 | | C | 17.3 | TJ | 18.0 | L | 6 | a180 | 0.25 | | | | KAD02 |
| 2001 01 21.66 | | C | 16.8 | GA | 60.0 | Y | 6 | a240 | 0.7 | | | | NAK01 |
| 2001 02 02.65 | x | C | 16.6: | HV | 60.0 | Y | 6 | a120 | 0.55 | | | | NAK01 |
| 2001 02 11.58 | | C | 16.2 | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 02 12.26 | k | 16.5 | L | 154.0 | C | 9 | a900 | 0.40 | 0.40 | 5 | | | HER02 |
| 2001 02 14.97 | d | k | 15.9 | LB | 35 | L | 5 | a720 | 0.3 | | | | HOR02 |
| 2001 02 16.00 | d | k | 15.7 | LB | 35 | L | 5 | a840 | 0.4 | | | | HOR02 |
| 2001 02 17.48 | | C | 16.6: | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 02 22.51 | | C | 15.6 | GA | 60.0 | Y | 6 | a120 | 0.75 | | | | NAK01 |
| 2001 02 24.94 | d | k | 15.8 | LB | 35 | L | 5 | a600 | 0.3 | | | | HOR02 |
| 2001 02 25.46 | | C | 16.0 | TJ | 18.0 | L | 6 | a180 | 0.55 | | | | KAD02 |
| 2001 02 27.91 | d | k | 15.5 | LB | 35 | L | 5 | a540 | 0.3 | | | | HOR02 |
| 2001 03 12.81 | | S | 13.1 | AC | 31.0 | J | 6 | 109 | 1.2 | 3/ | | | BOU |
| 2001 03 13.47 | x | C | 15.1 | HS | 35.0 | C | 14 | A320 | | | | | TSU02 |
| 2001 03 13.53 | a | C | 13.2 | GA | 60.0 | Y | 6 | a120 | 1.9 | | | | NAK01 |
| 2001 03 14.43 | | S | 13.1 | GA | 25.4 | L | 4 | 71 | 3 | 2 | | | SEA |

Comet C/2001 A2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|------|-------|
| 2001 03 16.85 | | S | 12.0 | HS | 44.5 | T | 4 | 112 | 2.2 | 3 | | | SAR02 |
| 2001 03 18.44 | | C | 14.2 | TJ | 18.0 | L | 6 | a180 | 0.9 | | | | KAD02 |
| 2001 03 21.28 | | S | 13.0 | HS | 25 | L | 4 | 145 | 1.0 | 2 | | | LINO4 |
| 2001 03 23.27 | | S | 12.7 | HS | 25 | L | 4 | 145 | 1.0 | 3 | | | LINO4 |
| 2001 03 26.29 | | S | 12.6 | HS | 25 | L | 4 | 145 | 1.0 | 4 | | | LINO4 |
| 2001 03 26.42 | | S | 10.2 | GA | 10.0 | B | | 25 | 10 | 1 | | | SEA |
| 2001 03 26.46 | | S | 10.7 | TJ | 20 | L | 7 | 45 | 3.0 | 2/ | | | MAT08 |
| 2001 03 26.49 | x | S | 10.2 | TT | 25.4 | L | 4 | 46 | 3.5 | 2 | | | YOS02 |
| 2001 03 26.75 | a | S | 12.5 | PA | 30 | L | 5 | 60 | 2 | 0 | | | NEV |
| 2001 03 26.82 | | S | 10.8 | TJ | 25.4 | J | 6 | 58 | 2.5 | 2/ | | | BOU |
| 2001 03 27.29 | | S | 11.8 | TK | 25 | L | 4 | 145 | 1.4 | 3 | | | LINO4 |
| 2001 03 27.42 | | S | 10.1 | GA | 10.0 | B | | 25 | | | | | SEA |
| 2001 03 27.76 | | M | 10.8 | GA | 25 | L | 4 | 53 | 2.9 | 2/ | | | SHU |
| 2001 03 27.82 | | S | 11.1 | HS | 20.0 | L | 5 | 50 | 2.5 | 3 | | | CHE03 |
| 2001 03 27.86 | | S | 12.5 | AC | 40.6 | L | 5 | 72 | 1.5 | 3 | | | RES |
| 2001 03 28.42 | | S | 9.9 | GA | 10.0 | B | | 25 | | | | | SEA |
| 2001 03 28.44 | | S | 10.7 | TJ | 20 | L | 7 | 45 | 3.5 | 2/ | | | MAT08 |
| 2001 03 28.73 | | M | 11.5 | GA | 25 | L | 4 | 53 | 1.8 | 3 | | | SHU |
| 2001 03 28.75 | | S | 11.5 | PA | 30 | L | 5 | 60 | 3 | 1 | | | NEV |
| 2001 03 28.81 | | S | 11.6 | AC | 40.6 | L | 5 | 72 | 2.5 | 3/ | | | RES |
| 2001 03 28.81 | x | S | 11.6 | HS | 30 | L | 4 | 96 | 2.5 | 3/ | | | GRA09 |
| 2001 03 28.83 | x | S | 11.0: | TT | 20.6 | L | 8 | 52 | 2.5 | 3 | | | PAC03 |
| 2001 03 29.27 | | S | 10.9 | TK | 25 | L | 4 | 145 | 2.0 | 3 | | | LINO4 |
| 2001 03 29.42 | | S | 9.9 | GA | 10.0 | B | | 25 | | | | | SEA |
| 2001 03 29.45 | x | B | 10.5 | TJ | 20.0 | L | 6 | 48 | 2.5 | 3 | | | TIL |
| 2001 03 29.46 | | S | 10.8 | TJ | 20 | L | 7 | 45 | 3.0 | 2/ | | | MAT08 |
| 2001 03 29.50 | x | M | 10.5: | TT | 35.0 | C | 14 | 120 | 1.5 | 2 | | | TSU02 |
| 2001 03 29.80 | | S | 7.6 | AA | 10 | R | 6 | 34 | 7 | 4 | | | KOR01 |
| 2001 03 29.94 | | S | 9.5 | TK | 14.3 | L | 6 | 45 | 3.5 | 5 | | | AM001 |
| 2001 03 30.38 | | M | 8.4 | TT | 25 | L | 5 | 40 | 4 | 3/ | | | RAE |
| 2001 03 30.40 | | S | 8.2 | TT | 5.0 | B | | 10 | 5 | 4 | | | RAE |
| 2001 03 30.45 | x | S | 8.6 | TJ | 32.0 | L | 5 | 58 | 2.9 | 3 | | | NAG08 |
| 2001 03 30.52 | | M | 8.0 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 03 30.80 | x | S | 8.4 | TT | 30 | L | 4 | 96 | 3 | s4 | | | GRA09 |
| 2001 03 30.81 | | B | 6.8: | TJ | 12.0 | B | | 25 | 5 | 2/ | | | CHE03 |
| 2001 03 30.81 | | S | 7.2 | AA | 10 | R | 6 | 34 | 8 | 4 | | | KOR01 |
| 2001 03 30.82 | | S | 7.1 | AA | 6.0 | B | | 15 | 8 | 4 | | | KOR01 |
| 2001 03 30.82 | x | S | 7.6: | TT | 30 | L | 4 | 47 | & 6 | s4 | | | GRA09 |
| 2001 03 30.82 | x | S | 8.3 | TT | 20.6 | L | 8 | 52 | 2.4 | 3 | | | PAC03 |
| 2001 03 30.91 | | S | 8.0 | TK | 5.0 | B | | 7 | 7 | 4 | | | AM001 |
| 2001 03 30.92 | | S | 8.2 | TK | 14.3 | L | 6 | 45 | 6 | 3 | | | AM001 |
| 2001 03 30.93 | | B | 9.0: | AA | 20.0 | L | 6 | 50 | | | | | ALV |
| 2001 03 31.27 | | S | 7.4 | TK | 25 | L | 4 | 50 | 4.5 | 4 | | | LINO4 |
| 2001 03 31.31 | | M | 7.6 | TT | 5.0 | B | | 10 | 5 | 6 | | | RAE |
| 2001 03 31.42 | | S | 6.9 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 03 31.43 | x | B | 7.8 | TJ | 20.0 | L | 6 | 48 | 5.5 | 3 | | | TIL |
| 2001 03 31.44 | x | S | 7.4 | TJ | 8.0 | B | | 11 | 6 | 3 | | | NAG08 |
| 2001 03 31.44 | x | S | 8.3 | TJ | 32.0 | L | 5 | 58 | 4.5 | 4 | | | NAG08 |
| 2001 03 31.47 | | P | 6.5 | HS | 36 | L | 5 | a 30 | 3.5 | 2 | | | TSU04 |
| 2001 03 31.47 | | S | 8.4 | HS | 25 | L | 6 | 58 | 2 | 2 | | | WAT01 |
| 2001 03 31.81 | | M | 7.2 | TT | 10 | B | | 25 | 5.5 | 3/ | | | HOR02 |
| 2001 03 31.82 | | S | 7.5 | TJ | 40.6 | L | 5 | 72 | & 3 | 5/ | | | RES |
| 2001 03 31.83 | | S | 6.4 | AA | 6.0 | B | | 15 | 12 | 3 | | | KOR01 |
| 2001 03 31.84 | | S | 6.3 | AA | 24 | L | 5 | 37 | 10 | 3/ | | | KOR01 |
| 2001 03 31.84 | | S | 6.3: | AA | 24 | L | 5 | 37 | &10 | 4 | | | MERO4 |
| 2001 04 01.09 | x | V | 8.9 | TJ | 25.4 | T | 4 | a 90 | 4.2 | 5 | | | WES06 |
| 2001 04 01.39 | | S | 7.2 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 01.42 | | S | 7.3 | TJ | 25.4 | T | 6 | 32 | 6.5 | 3 | | | YOS04 |
| 2001 04 01.44 | | C | 9.1 | GA | 40.0 | L | 6 | a 60 | 6.0 | | > 8 | m 99 | AKA |
| 2001 04 01.44 | | C | 9.1 | TJ | 18.0 | L | 6 | a 60 | 5.0 | | | | KAD02 |
| 2001 04 01.44 | x | S | 7.6 | TJ | 8.0 | B | | 11 | & 8 | 3/ | | | NAG08 |
| 2001 04 01.44 | x | S | 8.2 | TJ | 32.0 | L | 5 | 58 | 7 | 4 | | | NAG08 |
| 2001 04 01.46 | | S | 7.8 | HD | 15.0 | B | | 25 | &10 | 3/ | | | END |
| 2001 04 01.47 | x | B | 7.7 | TJ | 20.0 | L | 6 | 48 | 4.9 | 3 | | | TIL |
| 2001 04 01.48 | x | S | 7.8 | TT | 10.0 | B | | 20 | 5 | 3 | | | YOS02 |

Comet C/2001 A2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|-------|-------|----|------|---|------|------|--------|-----|------|-----|-------|
| 2001 04 01.49 | | S | 8.4 | HS | 25 | L | 6 | 58 | 2 | 2 | | | WAT01 |
| 2001 04 01.52 | | M | 7.9 | TJ | 10 | B | | 25 | 4.0 | 3/ | | | MAT08 |
| 2001 04 01.74 | | M | 8.4 | AA | 6.0 | R | 13 | 40 | 4.2 | 4 | | | BEG01 |
| 2001 04 01.78 | x | S | 8.8 | TJ | 31.7 | L | 5 | 78 | & 3 | 2 | | | ADA02 |
| 2001 04 01.78 | x | S | 8.8 | TJ | 31.7 | L | 5 | 78 | & 3 | 2 | | | SWI |
| 2001 04 01.79 | | S | 9.5 | TI | 20 | T | 6 | 50 | 2.5 | | | | GIA01 |
| 2001 04 01.80 | d | k | 10.7 | LB | 35 | L | 5 | a480 | + 4.0 | | 1.0m | 90 | HOR02 |
| 2001 04 01.82 | | S | 7.3 | TT | 8.0 | B | | 10 | 6 | 3 | | | HOR02 |
| 2001 04 01.82 | x | S | 8.6 | TJ | 15.0 | L | 6 | 48 | 2 | 2 | | | GUZ |
| 2001 04 01.84 | | S | 8.3 | TK | 25.6 | L | 5 | 42 | 4 | 5 | | | BIV |
| 2001 04 01.85 | | S | 8.2 | TJ | 7.0 | R | 7 | 24 | 3.5 | 3 | | | GRA04 |
| 2001 04 01.86 | | S | 7.6: | TK | 5.0 | B | | 7 | 5 | 5 | | | BIV |
| 2001 04 01.89 | | S | 7.4 | S | 10 | R | 5 | 17 | 6 | 2 | | | MAR02 |
| 2001 04 02.05 | | S | 8.5: | TK | 14.3 | L | 6 | | 5.0 | 2 | | | AM001 |
| 2001 04 02.42 | | M | 8.0 | TJ | 10 | B | | 25 | 4.0 | 3/ | | | MAT08 |
| 2001 04 02.42 | x | B | 8.2 | TJ | 20.0 | L | 6 | 48 | 3.0 | 2 | | | TIL |
| 2001 04 02.72 | | M | 8.7 | AA | 6.0 | R | 13 | 40 | 3.7 | 5 | | | BEG01 |
| 2001 04 02.80 | | S | 8.1 | TJ | 6.0 | B | | 20 | 3.0 | 2/ | | | RES |
| 2001 04 02.80 | | S | 8.3 | TJ | 40.6 | L | 5 | 72 | 3.5 | 3/ | | | RES |
| 2001 04 02.80 | ! | C | 11.8 | HI | 30 | T | 9 | a010 | > 0.96 | D5 | | | ROD01 |
| 2001 04 02.82 | | S | 7.8 | TJ | 15.6 | L | 5 | 36 | 2.5 | 3 | | | DIJ |
| 2001 04 02.82 | | S | 8.0 | TJ | 15.6 | L | 5 | 36 | 3.5 | 2/ | | | BOU |
| 2001 04 02.82 | d | k | 10.6 | LB | 35 | L | 5 | a720 | + 3 | | 0.6m | 100 | HOR02 |
| 2001 04 02.83 | | M | 8.0 | TT | 35 | L | 5 | 68 | 4 | 2 | | | HOR02 |
| 2001 04 02.93 | | S | 9.1 | TK | 20.0 | L | 6 | 90 | 3 | 2/ | | | AM001 |
| 2001 04 02.94 | | S | 9.0 | TK | 20.0 | L | 6 | 90 | 2 | | | | ALV |
| 2001 04 03.42 | | M | 8.2 | TT | 15 | L | 5 | 27 | 4 | 4 | | | RAE |
| 2001 04 03.42 | | S | 8.0 | AA | 10.0 | B | | 25 | | | | | SEA |
| 2001 04 03.43 | x | B | 8.3 | TJ | 20.0 | L | 6 | 48 | 4 | 3 | | | TIL |
| 2001 04 03.44 | | M | 8.4 | TJ | 10 | B | | 25 | 3.0 | 4 | | | MAT08 |
| 2001 04 03.79 | x | S | 8.7 | TT | 30 | L | 4 | 47 | 3.5 | s3/ | | | GRA09 |
| 2001 04 03.80 | x | S | 8.5 | TJ | 15.0 | L | 6 | 48 | 4 | 2 | | | GUZ |
| 2001 04 03.81 | d | k | 10.9 | LB | 35 | L | 5 | a600 | + 3 | | 1.0m | 95 | HOR02 |
| 2001 04 03.82 | | S | 8.0 | TJ | 25.4 | J | 6 | 47 | 3 | 3/ | | | DIJ |
| 2001 04 03.82 | | S | 8.2 | TJ | 25.4 | J | 6 | 47 | 3.0 | 3 | | | BOU |
| 2001 04 03.95 | | S | 8.9 | TT | 23.0 | L | 5 | 45 | 6 | 3/ | | | DES01 |
| 2001 04 03.96 | | S | 8.7: | TK | 14.3 | L | 6 | 80 | 2 | 2 | | | AM001 |
| 2001 04 04.24 | | S | 8.1 | TK | 25 | L | 4 | 50 | 3.5 | 3 | | | LIN04 |
| 2001 04 04.43 | | C | 9.5 | GA | 40.0 | L | 6 | a 60 | 4.0 | | | | AKA |
| 2001 04 04.45 | | C | 9.6 | TJ | 18.0 | L | 6 | a 60 | 3.9 | | | | KAD02 |
| 2001 04 04.45 | x | S | 8.0 | TJ | 32.0 | L | 5 | 58 | & 7 | 3/ | | | NAG08 |
| 2001 04 04.46 | | M | 8.3 | TJ | 10 | B | | 25 | 3.0 | 4 | | | MAT08 |
| 2001 04 04.46 | x | B | 8.5 | TJ | 20.0 | L | 6 | 48 | 3.5 | 2 | | | TIL |
| 2001 04 04.47 | | S | 8.6 | TJ | 25.4 | T | 6 | 62 | 4.0 | 2 | | | YOS04 |
| 2001 04 04.78 | | S | 7.5 | TI | 11 | L | 7 | 50 | 5 | 3/ | | | BAR06 |
| 2001 04 04.78 | | S | 8.0 | TJ | 40.6 | L | 5 | 72 | & 4 | 3 | | | RES |
| 2001 04 04.79 | x | S | 9.1 | TT | 30 | L | 4 | 96 | 2 | s3 | | | GRA09 |
| 2001 04 04.81 | | S | 7.5: | TJ | 30.5 | T | 10 | 54 | 4 | 3 | | | COM |
| 2001 04 04.84 | | S | 8.3 | TT | 20 | R | 14 | 90 | 2.1 | 2 | | | SHA02 |
| 2001 04 05.26 | | S | 8.3 | TK | 25 | L | 4 | 50 | 3.0 | 4 | | | LIN04 |
| 2001 04 05.33 | | M | 8.9 | TT | 15 | L | 5 | 27 | 3.5 | 3 | | | RAE |
| 2001 04 05.44 | | M | 8.3 | TJ | 10 | B | | 25 | 3.0 | 4 | | | MAT08 |
| 2001 04 05.45 | x | B | 8.5 | TJ | 20.0 | L | 6 | 48 | 3 | 2 | | | TIL |
| 2001 04 05.79 | | S | 8.2 | TJ | 40.6 | L | 5 | 72 | & 3 | 3 | | | RES |
| 2001 04 05.81 | d | k | 10.6 | LB | 35 | L | 5 | a420 | + 4.0 | | 2.8m | 95 | HOR02 |
| 2001 04 05.82 | | S | 8.1 | TT | 35 | L | 5 | 68 | 3.5 | 2 | | | HOR02 |
| 2001 04 05.99 | | S | 8.7 | TK | 14.3 | L | 6 | 80 | 3 | 2 | | | AM001 |
| 2001 04 06.45 | P | 11.5: | HS | 36 | L | 5 | a 50 | | | 1 | | | TSU04 |
| 2001 04 07.31 | | S | 8.9 | TK | 25 | L | 4 | 50 | 2.0 | 4 | | | LIN04 |
| 2001 04 07.83 | | S | 8.3 | TJ | 25.4 | J | 6 | 58 | 2.7 | 3 | | | BOU |
| 2001 04 07.93 | | S | 9.3 | TK | 23.0 | L | 5 | 45 | 7 | 2/ | | | DES01 |
| 2001 04 08.08 | x | C | 9.4 | TJ | 25.4 | T | 4 | a 30 | 5.7 | 5 | | | WES06 |
| 2001 04 08.29 | | S | 9.3 | TK | 25 | L | 4 | 100 | 2.0 | 2 | | | LIN04 |
| 2001 04 08.41 | x | B | 8.4 | TJ | 20.0 | L | 6 | 48 | 4.5 | 3 | | | TIL |
| 2001 04 08.45 | | C | 10.7: | TJ | 18.0 | L | 6 | a 60 | 1.9 | | | | KAD02 |

Comet C/2001 A2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|-------|----|------|---|----|------|-------|----|------|----|-------|
| 2001 04 08.70 | | S | 8.5 | S | 10.6 | L | 8 | 50 | 2.5 | 3 | | | GRE03 |
| 2001 04 08.77 | | S | 7.8: | TI | 11 | L | 7 | 50 | 6 | 2 | | | BAR06 |
| 2001 04 08.83 | | S | 8.4 | TJ | 25.4 | J | 6 | 58 | 2.8 | 3 | | | BOU |
| 2001 04 08.85 | | S | 7.6 | S | 10 | R | 5 | 17 | 4 | 2 | | | MAR02 |
| 2001 04 09.41 | x | B | 8.4 | TJ | 20.0 | L | 6 | 48 | 4 | 4 | | | TIL |
| 2001 04 09.44 | | M | 8.4 | TJ | 10 | B | | 25 | 3.0 | 4 | | | MAT08 |
| 2001 04 09.89 | | S | 7.9: | S | 21 | L | 6 | 39 | 4 | 1/ | | | MAR02 |
| 2001 04 10.25 | | S | 8.4 | TK | 25 | L | 4 | 50 | 2.6 | 4 | | | LIN04 |
| 2001 04 10.76 | | S | 7.5 | TI | 11 | L | 7 | 50 | 5.5 | 2 | | | BAR06 |
| 2001 04 10.89 | | S | 7.7 | S | 10 | R | 5 | 25 | 5 | 3 | | | MAR02 |
| 2001 04 11.25 | | S | 8.2 | TK | 25 | L | 4 | 50 | 2.7 | 4 | | | LIN04 |
| 2001 04 11.33 | | M | 8.4 | TT | 11 | L | 4 | 16 | 3.6 | 4 | | | RAE |
| 2001 04 11.37 | | M | 8.3 | AA | 10.0 | B | | 25 | | | | | SEA |
| 2001 04 11.44 | | M | 8.3 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 04 11.76 | | S | 7.4 | TI | 11 | L | 7 | 50 | 5.6 | 2 | | | BAR06 |
| 2001 04 11.83 | | S | 8.2 | TJ | 25.4 | J | 6 | 58 | 3.0 | 3/ | | | BOU |
| 2001 04 11.84 | | S | 7.7 | S | 10 | R | 5 | 25 | 5 | 2/ | | | MAR02 |
| 2001 04 11.85 | & | C | 11.5 | HS | 14.3 | D | 4 | a120 | 1.0 | 6 | | | MOR09 |
| 2001 04 12.44 | | M | 8.3 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 04 12.78 | x | S | 7.7 | TJ | 15.0 | L | 6 | 48 | 3 | 4/ | | | GUZ |
| 2001 04 12.80 | | M | 7.0 | TT | 8.0 | B | | 10 | 6 | 3/ | | | HOR02 |
| 2001 04 12.83 | | S | 8.2 | TJ | 25.4 | J | 6 | 58 | 3.2 | 3/ | | | BOU |
| 2001 04 12.85 | | M | 7.6 | S | 10 | R | 5 | 25 | 5 | 5 | | | MAR02 |
| 2001 04 12.85 | | S | 8.1 | S | 10 | R | 5 | 25 | 7 | 4 | | | SAN04 |
| 2001 04 12.99 | | S | 7.8 | TK | 20.0 | L | 6 | 48 | | 2/ | | | SAL02 |
| 2001 04 13.27 | | S | 8.1 | TK | 25 | L | 4 | 50 | 3.0 | 4 | | | LIN04 |
| 2001 04 13.39 | | S | 7.7 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 13.45 | | C | 9.7 | TJ | 18.0 | L | 6 | a 60 | 4.0 | | | | KAD02 |
| 2001 04 13.46 | xa | S | 7.9 | TJ | 32.0 | L | 5 | 58 | 5 | 4 | | | NAG08 |
| 2001 04 13.47 | x | S | 7.7 | TT | 10.0 | B | | 20 | 6 | 4 | | | YOS02 |
| 2001 04 13.48 | | C | 9.7 | GA | 40.0 | L | 6 | a 60 | 5.0 | | | | AKA |
| 2001 04 13.50 | | M | 8.2 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 04 13.83 | | S | 8.3 | TJ | 25.4 | J | 6 | 58 | 3.2 | 3/ | | | BOU |
| 2001 04 13.84 | | B | 7.6 | TT | 10.0 | B | | 25 | 5.4 | 4 | | | HAS02 |
| 2001 04 13.84 | | S | 8.6 | TJ | 25.4 | J | 6 | 58 | 3 | 3 | | | DIJ |
| 2001 04 13.85 | | S | 8.3: | TJ | 15 | L | 8 | 60 | 1.9 | 4 | | | SHA02 |
| 2001 04 13.86 | & | C | 10.3 | HS | 14.3 | D | 4 | a120 | 2.5 | 6 | | | MOR09 |
| 2001 04 13.93 | | S | 8.3 | TK | 14.3 | L | 6 | 45 | 5 | 5 | | | AM001 |
| 2001 04 13.94 | | S | 8.1 | TK | 5.0 | B | | 7 | 8 | 6 | | | AM001 |
| 2001 04 13.94 | | S | 8.2 | TK | 6.0 | R | 13 | 40 | 5 | 5 | | | AM001 |
| 2001 04 14.07 | | S | 7.6 | AA | 8.0 | B | | 16 | 6 | 3 | | | CRE01 |
| 2001 04 14.38 | | S | 7.4 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 14.47 | | M | 8.2 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 04 14.76 | | S | 7.4 | TI | 20 | L | 7 | 70 | 6 | 2/ | | | BAR06 |
| 2001 04 14.79 | | M | 7.5 | TT | 8.0 | B | | 10 | 6 | 3 | | | HOR02 |
| 2001 04 14.79 | | S | 8.0 | TJ | 40.6 | L | 5 | 72 | 4 | 3 | | | RES |
| 2001 04 14.86 | | S | 11.3: | HS | 20 | L | 5 | 70 | 1.5 | 2 | | | BAR06 |
| 2001 04 14.92 | | S | 8.1 | TK | 5.0 | B | | 7 | 7 | 6 | | | AM001 |
| 2001 04 14.93 | | S | 8.0 | TK | 14.3 | L | 6 | 45 | 5.5 | 6 | | | AM001 |
| 2001 04 15.02 | | B | 7.8 | TT | 20.0 | L | 6 | 48 | | | | | SAL02 |
| 2001 04 15.25 | | S | 7.7 | TK | 25 | L | 4 | 50 | 4.0 | 4 | | | LIN04 |
| 2001 04 15.37 | | S | 7.3 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 15.44 | | S | 7.6 | HS | 25.0 | L | 6 | 69 | 3.7 | 2 | | | WAT01 |
| 2001 04 15.46 | | S | 8.4 | HD | 15.0 | M | 10 | 30 | 5 | 4 | | | END |
| 2001 04 15.46 | xa | S | 8.1 | TJ | 15.0 | B | | 25 | 6 | 5 | | | HAS08 |
| 2001 04 15.46 | x | M | 7.6 | TT | 12.5 | L | 6 | 19 | 6.0 | 4 | | | TSU02 |
| 2001 04 15.48 | xa | M | 8.2 | TT | 10.0 | B | | 20 | 6 | 3 | | | YOS02 |
| 2001 04 15.50 | | M | 8.2 | TJ | 10 | B | | 25 | 3.0 | 4/ | | | MAT08 |
| 2001 04 15.77 | x | S | 7.8 | TJ | 15.0 | L | 6 | 48 | 3 | 3 | | | GUZ |
| 2001 04 15.80 | ! | C | 9.3 | HI | 30 | T | 9 | a030 | > 2.5 | D5 | | | ROD01 |
| 2001 04 15.84 | | S | 8.9 | TT | 20.0 | L | 4 | 42 | 3 | 6/ | | | SCH04 |
| 2001 04 15.93 | | S | 8.0 | TK | 6.0 | R | 13 | 40 | 7 | 5 | | | AM001 |
| 2001 04 15.94 | | S | 8.0 | TK | 5.0 | B | | 20 | 10 | 4 | | | AM001 |
| 2001 04 16.38 | | S | 7.3 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 16.46 | xa | S | 7.7 | TJ | 10.0 | B | | 20 | 6 | 3 | | | NAG08 |

Comet C/2001 A2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|------|----|------|---|----|------|------|----|------|-------|-------|
| 2001 04 16.49 | | M | 7.9 | TJ | 10 | B | | 25 | 3.5 | | | | MAT08 |
| 2001 04 17.02 | | B | 7.9 | TT | 20.0 | L | 6 | 48 | | 4/ | | | SAL02 |
| 2001 04 17.36 | | S | 7.2 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 17.43 | | M | 7.8 | TJ | 10 | B | | 25 | 4.0 | 5 | | | MAT08 |
| 2001 04 17.85 | | S | 7.7: | S | 7.0 | B | | 10 | 5 | 3 | | | MAR02 |
| 2001 04 17.91 | | S | 8.0 | TK | 6.0 | R | 13 | 40 | 7 | 5 | | | AM001 |
| 2001 04 18.00 | | B | 7.8 | TT | 20.0 | L | 6 | 48 | | 5 | | | SAL02 |
| 2001 04 18.26 | | S | 7.4 | TK | 25 | L | 4 | 50 | 3.0 | 5 | | | LIN04 |
| 2001 04 18.37 | | S | 7.0 | AA | 2.0 | B | | 2 | | | | | SEA |
| 2001 04 18.43 | | B | 7.6 | TJ | 5.0 | B | | 7 | 4.5 | 5 | | | MAT08 |
| 2001 04 18.71 | | S | 7.6 | S | 40.0 | L | 5 | 102 | 2.5 | 6 | | | C0002 |
| 2001 04 18.84 | | S | 7.6 | S | 10 | R | 5 | 25 | 5 | 4 | | | MAR02 |
| 2001 04 18.93 | | S | 8.0 | TK | 6.0 | R | 13 | 40 | 7 | 6 | | | AM001 |
| 2001 04 18.94 | | S | 7.7 | TK | 5.0 | B | | 7 | 10 | 6 | | | AM001 |
| 2001 04 18.95 | | S | 7.6 | TK | 5.0 | B | | 20 | 8 | 5 | | | AM001 |
| 2001 04 19.38 | | S | 7.0 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 19.44 | | B | 7.6 | TJ | 5.0 | B | | 7 | 4.5 | 5 | | | MAT08 |
| 2001 04 19.47 | xa | S | 7.8 | TJ | 15.0 | B | | 25 | 4 | 5 | | | HAS08 |
| 2001 04 19.91 | | S | 7.5 | TK | 5.0 | B | | 7 | 14 | 6 | | | AM001 |
| 2001 04 20.44 | | B | 7.5 | TJ | 5.0 | B | | 7 | 4.5 | 5 | | | MAT08 |
| 2001 04 20.86 | | S | 7.3 | S | 10 | R | 5 | 25 | 6 | 6 | | | MAR02 |
| 2001 04 20.93 | x | S | 7.2 | TT | 8.0 | B | | 11 | | | | | DES01 |
| 2001 04 20.95 | | S | 7.4 | TJ | 8.0 | B | | 11 | 10 | 4 | | | SOU01 |
| 2001 04 21.04 | | B | 7.5 | TT | 20.0 | L | 6 | 48 | 5 | 5 | | | SAL02 |
| 2001 04 21.46 | | B | 7.4 | TJ | 5.0 | B | | 7 | 4.5 | 5 | | | MAT08 |
| 2001 04 21.85 | | S | 7.2 | S | 10 | R | 5 | 25 | 6 | 6 | | | MAR02 |
| 2001 04 22.31 | | M | 7.4 | TJ | 5.0 | B | | 10 | 8 | 5 | | | RAE |
| 2001 04 22.31 | | S | 7.6 | TK | 25 | L | 4 | 50 | 3.0 | 5 | | | LIN04 |
| 2001 04 22.44 | | B | 7.2 | TJ | 5.0 | B | | 7 | 4.5 | 5 | | | MAT08 |
| 2001 04 22.44 | | C | 8.4 | TJ | 18.0 | L | 6 | a 60 | 5.1 | | 19 | m 107 | KAD02 |
| 2001 04 22.48 | xa | M | 7.0 | TT | 10.0 | B | | 20 | 5 | 3 | | | YOS02 |
| 2001 04 22.96 | | S | 7.2 | TJ | 8.0 | B | | 11 | 8 | 4/ | | | SOU01 |
| 2001 04 23.01 | | S | 7.3 | TJ | 8.0 | B | | 11 | 8 | 4 | | | SOU01 |
| 2001 04 23.04 | | B | 7.4 | TT | 20.0 | L | 6 | 48 | 5 | 6 | | | SAL02 |
| 2001 04 23.30 | | M | 7.2 | TJ | 5.0 | B | | 10 | 8 | 5/ | | | RAE |
| 2001 04 23.43 | | S | 6.7 | AA | 2.5 | B | | 2 | | | | | SEA |
| 2001 04 23.45 | xa | S | 6.5: | TJ | 32.0 | L | 5 | 58 | & 6 | 4 | | | NAG08 |
| 2001 04 24.00 | | B | 7.2 | TT | 20.0 | L | 6 | 48 | 5 | 6 | | | SAL02 |
| 2001 04 24.32 | | M | 6.5 | TT | 2.1 | B | | 8 | 7 | 5 | | | RAE |
| 2001 04 24.42 | | B | 6.5 | TJ | 5.0 | B | | 7 | 5.0 | 5/ | | | MAT08 |
| 2001 04 24.71 | | M | 6.4 | AA | 5.0 | B | | 10 | 6 | 4 | | | BEG01 |
| 2001 04 24.73 | | M | 6.5 | AA | 6.0 | R | 13 | 40 | 4.1 | 5 | | | BEG01 |
| 2001 04 24.73 | | M | 6.8 | AA | 15.0 | L | 7 | 50 | 4.1 | 5 | 0.2 | 105 | BEG01 |
| 2001 04 24.90 | | S | 6.8 | TJ | 5.0 | B | | 7 | 12 | 5 | | | AM001 |
| 2001 04 24.93 | x | S | 6.8 | TT | 23.0 | L | 5 | 45 | | 5 | | | DES01 |
| 2001 04 24.97 | | S | 7.2 | AA | 20.0 | L | 6 | 200 | 4 | 5 | | | TRO02 |
| 2001 04 25.00 | | B | 6.8 | TT | 20.0 | L | 6 | 48 | | | | | SAL02 |
| 2001 04 25.00 | | B | 6.8 | TT | 20.0 | L | 6 | 48 | 5 | 6 | | | SAL02 |
| 2001 04 25.25 | | S | 6.5 | TK | 5.0 | B | | 10 | 5.5 | 5 | | | LIN04 |
| 2001 04 25.25 | | S | 6.9 | TK | 25 | L | 4 | 50 | 4.0 | 5 | | | LIN04 |
| 2001 04 25.35 | | M | 6.4 | TT | 2.1 | B | | 8 | 8 | 5 | | | RAE |
| 2001 04 25.46 | | B | 6.6 | TJ | 5.0 | B | | 7 | 5.0 | 5 | | | MAT08 |
| 2001 04 25.70 | | M | 6.4 | AA | 0.0 | E | | 1 | | 9 | | | BEG01 |
| 2001 04 25.70 | | M | 6.6 | AA | 5.0 | B | | 10 | 6 | 5 | | | BEG01 |
| 2001 04 25.73 | | M | 6.5 | AA | 6.0 | R | 13 | 40 | 5.6 | 6 | 0.4 | 100 | BEG01 |
| 2001 04 25.92 | x | S | 6.7 | TT | 23.0 | L | 5 | 36 | 8 | 5 | | | DES01 |
| 2001 04 25.94 | | S | 6.8 | TJ | 5.0 | B | | 7 | 10 | 6 | | | AM001 |
| 2001 04 25.95 | | S | 6.6 | TJ | 5.0 | B | | 20 | 10 | 5 | | | AM001 |
| 2001 04 26.01 | | B | 6.7 | TT | 20.0 | L | 6 | 48 | | | | | SAL02 |
| 2001 04 26.33 | | M | 6.3 | TT | 2.1 | B | | 8 | 10 | 5 | | | RAE |
| 2001 04 26.37 | | S | 6.1 | AA | 2.5 | B | | 2 | | | | | SEA |
| 2001 04 26.43 | | B | 6.5 | TJ | 5.0 | B | | 7 | 5.5 | 5 | | | MAT08 |
| 2001 04 26.70 | | M | 6.6 | AA | 5.0 | B | | 10 | 4 | 6 | 0.25 | 100 | BEG01 |
| 2001 04 26.72 | | M | 6.5 | AA | 6.0 | R | 13 | 40 | 4.1 | 5 | 0.25 | 100 | BEG01 |
| 2001 04 26.72 | | S | 6.5 | S | 5.0 | B | | 10 | | 7 | | | C0002 |

Comet C/2001 A2 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|-------|-----|-------|
| 2001 04 26.92 | x | S | 6.5 | TT | 23.0 | L | 5 | 36 | 8 | 5 | | | DES01 |
| 2001 04 26.94 | | S | 6.4 | S | 20.0 | T | | 42 | | | | | PUL |
| 2001 04 27.00 | | B | 6.6 | TT | 20.0 | L | 6 | 48 | | | | | SAL02 |
| 2001 04 27.25 | | S | 6.5 | TK | 5.0 | B | | 10 | 4.5 | 6 | | | LIN04 |
| 2001 04 27.37 | | M | 6.1 | AA | 5.0 | B | | 10 | | | | | SEA |
| 2001 04 27.44 | | B | 6.4 | TJ | 5.0 | B | | 7 | 5.5 | 5 | | | MAT08 |
| 2001 04 27.44 | x | C | 8.2 | TT | 35.0 | C | 14 | a 60 | 2.2 | 5 | 3.2m | 116 | TSU02 |
| 2001 04 27.91 | x | S | 6.5 | TT | 23.0 | L | 5 | 36 | 9 | 5 | | | DES01 |
| 2001 04 27.94 | | B | 6.3 | TJ | 5.0 | B | | 7 | 12 | 6 | | | AM001 |
| 2001 04 28.02 | | B | 6.4 | TT | 5.0 | B | | 12 | 6 | | | | SAL02 |
| 2001 04 28.44 | | B | 6.3 | TJ | 5.0 | B | | 7 | 5.0 | 5 | | | MAT08 |
| 2001 04 28.74 | | S | 5.8 | S | 5.0 | B | | 10 | | 6 | | | CO002 |
| 2001 04 28.75 | | S | 5.8 | S | 11.2 | L | 8 | 50 | 3.5 | 6 | 0.35 | 110 | CO002 |
| 2001 04 28.89 | x | S | 6.4 | TT | 23.0 | L | 5 | 36 | 12 | 5/ | >0.20 | | DES01 |
| 2001 04 28.90 | | B | 6.2 | TJ | 5.0 | B | | 7 | 14 | 7 | | | AM001 |
| 2001 04 28.91 | | S | 6.4 | TJ | 8.0 | B | | 11 | 10 | 6 | | | SOU01 |
| 2001 04 29.00 | | B | 6.3 | TT | 5.0 | B | | 12 | 6 | | | | SAL02 |
| 2001 04 29.43 | | B | 6.2 | TJ | 5.0 | B | | 7 | 5.0 | 5 | | | MAT08 |
| 2001 04 29.90 | x | S | 6.4 | TT | 23.0 | L | 5 | 36 | 12 | 5/ | | | DES01 |
| 2001 04 29.94 | | S | 6.3 | TJ | 8.0 | B | | 11 | 10 | 5 | | | SOU01 |
| 2001 04 29.94 | | S | 6.4 | TT | 5.0 | B | | 12 | 6 | 6 | | | YUM |
| 2001 04 30.46 | | B | 6.0 | TJ | 5.0 | B | | 7 | 5.0 | 6 | | | MAT08 |
| 2001 04 30.91 | x | S | 6.2 | TT | 23.0 | L | 5 | 36 | 15 | 6 | | | DES01 |

Comet C/2001 B1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2001 01 29.49 | x | C | 16.7 | HV | 60.0 | Y | 6 | a240 | 0.5 | | | | NAK01 |
| 2001 02 19.44 | a | C | 17.2 | GA | 60.0 | Y | 6 | a120 | 0.45 | | | | NAK01 |
| 2001 02 20.45 | | C | 17.3 | GA | 60.0 | Y | 6 | a120 | 0.35 | | | | NAK01 |
| 2001 02 25.42 | | C | 17.2 | TJ | 18.0 | L | 6 | a240 | 0.25 | | | | KAD02 |

Comet C/2001 B2 (NEAT)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|-------|-------|----|------|---|-----|------|------|-----|------|----|-------|
| 2001 01 27.80 | | C | 15.7 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 01 29.78 | | C | 15.8 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 02 02.77 | x | C | 15.7: | HV | 60.0 | Y | 6 | a120 | 0.6 | | | | NAK01 |
| 2001 02 16.70 | | C | 15.4 | TJ | 18.0 | L | 6 | a180 | 0.45 | | | | KAD02 |
| 2001 02 19.68 | a | C | 15.4 | GA | 60.0 | Y | 6 | a120 | 0.7 | | | | NAK01 |
| 2001 02 19.70 | | [13.0 | HS | 20 | L | 7 | 160 | | | | | | MAT08 |
| 2001 02 22.73 | | C | 15.6 | TJ | 18.0 | L | 6 | a180 | 0.5 | | | | KAD02 |
| 2001 02 27.60 | | [14.0 | HS | 20 | L | 7 | 160 | | | | | | MAT08 |
| 2001 03 15.62 | a | C | 15.1 | GA | 60.0 | Y | 6 | a120 | 1.0 | | | | NAK01 |
| 2001 03 18.26 | | J | 14.2 | SC | 25.4 | T | 5 | a100 | 0.42 | s3 | | | ROQ |
| 2001 03 18.55 | | C | 15.2 | TJ | 18.0 | L | 6 | a240 | 0.55 | | | | KAD02 |
| 2001 03 29.55 | x | C | 15.6 | HS | 35.0 | C | 14 | A200 | | | | | TSU02 |
| 2001 03 31.61 | a | C | 15.2 | GA | 60.0 | Y | 6 | a120 | 0.95 | | | | NAK01 |
| 2001 04 01.60 | | C | 15.6 | TJ | 18.0 | L | 6 | a180 | 0.5 | | | | KAD02 |
| 2001 04 15.14 | | J | 14.8 | SC | 25.4 | T | 5 | a100 | 0.60 | s3/ | | | ROQ |
| 2001 04 22.50 | | C | 15.7 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 04 26.56 | a | C | 15.5 | GA | 60.0 | Y | 6 | a120 | 0.75 | | | | NAK01 |
| 2001 04 26.85 | | S | 14.3 | HS | 44.0 | L | 5 | 226 | 0.3 | 4 | | | HAS02 |

Comet C/2001 C1 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2001 02 16.81 | | C | 17.3 | TJ | 18.0 | L | 6 | a300 | 0.25 | | | | KAD02 |
| 2001 02 19.80 | | C | 16.9 | GA | 60.0 | Y | 6 | a120 | 0.35 | | | | NAK01 |
| 2001 02 22.81 | | C | 17.1 | TJ | 18.0 | L | 6 | a300 | 0.3 | | | | KAD02 |
| 2001 02 26.80 | a | C | 17.1 | GA | 60.0 | Y | 6 | a120 | 0.3 | | 0.7m | 350 | NAK01 |
| 2001 03 21.74 | | C | 16.9 | GA | 60.0 | Y | 6 | a120 | 0.4 | | 0.9m | 352 | NAK01 |
| 2001 03 21.77 | ! | k | 16.9 | LA | 103.0 | C | 4 | a240 | 0.4 | | 1.5m | 345 | ORI |
| 2001 03 26.71 | | C | 17.0 | TJ | 18.0 | L | 6 | a240 | 0.3 | | | | KAD02 |
| 2001 03 31.68 | a | C | 16.9 | GA | 60.0 | Y | 6 | a120 | 0.4 | | 0.9m | 356 | NAK01 |

Comet C/2001 C1 (LINEAR) [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2001 04 22.57 | | C | 16.0 | TJ | 18.0 | L | 6 | a240 | 0.4 | | | | KAD02 |

Comet C/2001 G1 (LONEOS)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2001 04 19.54 | | C | 17.9 | GA | 60.0 | Y | 6 | a240 | 0.3 | | | | NAK01 |

Comet 6P/d'Arrest

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|------|
| 2001 03 21.72 | ! | k | 20.7 | LA | 103.0 | C | 4 | a240 | | | | | ORI |
| 2001 04 01.71 | ! | k | 20.7 | LA | 103.0 | C | 4 | a240 | | | | | ORI |

Comet 10P/Tempel

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 1999 05 19.03 | | S | 13.2 | HS | 35 | L | 5 | 237 | 1.2 | | 2/ | | HOR02 |
| 1999 05 20.04 | | S | 13.2 | HS | 35 | L | 5 | 237 | 1.2 | | 2/ | | HOR02 |
| 1999 05 22.03 | | S | 13.1 | HS | 35 | L | 5 | 237 | 1.4 | | 2/ | | HOR02 |
| 1999 09 07.41 | x | S | 9.9 | TT | 31.7 | L | 5 | 64 | & 1 | | 1 | | JON |
| 2001 02 13.27 | | k | 19.8 | L | 154.0 | C | 9 | a900 | | | 9 | | HER02 |

Comet 17P/Holmes

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-------|-------|
| 2000 12 23.53 | | C | 17.5 | TJ | 18.0 | L | 6 | a120 | 0.2 | | | | KAD02 |
| 2001 01 21.49 | | C | 18.3 | GA | 60.0 | Y | 6 | a240 | 0.35 | | | | NAK01 |
| 2001 02 13.14 | | k | 19.2 | L | 154.0 | C | 9 | a600 | 0.12 | 8 | 25 | s 250 | HER02 |
| 2001 02 20.53 | ! | k | 18.6 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |

Comet 21P/Giacobini-Zinner

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-----|---|----|-----|------|----|------|----|------|
| 1999 01 11.72 | | E | 10.5: | S | 6 | R | 6 | 51 | 1.5 | 2 | | | ERO |

Comet 24P/Schaumasse

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|-------|----|------|-------|-------|
| 2001 01 21.46 | | C | 17.2 | GA | 60.0 | Y | 6 | a120 | 0.4 | | | | NAK01 |
| 2001 02 11.77 | d | k | 16.4: | LB | 35 | L | 5 | a600 | 0.35 | | | | HOR02 |
| 2001 02 13.14 | | k | 16.8 | L | 154.0 | C | 9 | a300 | 0.23 | 5 | 17 | s 105 | HER02 |
| 2001 02 13.81 | d | k | [16.0 | LB | 35 | L | 5 | a120 | ! 0.3 | | | | HOR02 |
| 2001 02 14.78 | | S | 13.5 | VB | 30 | R | 20 | 185 | 0.9 | 3 | | | SHA02 |
| 2001 02 14.79 | d | k | 15.9: | LB | 35 | L | 5 | a720 | 0.3 | | | | HOR02 |
| 2001 02 17.40 | | C | 15.9 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 02 20.43 | | C | 14.8 | GA | 60.0 | Y | 6 | a120 | 1.2 | | | | NAK01 |
| 2001 02 24.76 | d | k | 15.1 | LB | 35 | L | 5 | a660 | 0.6 | | | | HOR02 |
| 2001 02 25.45 | | C | 15.4 | TJ | 18.0 | L | 6 | a180 | 0.6 | | | | KAD02 |
| 2001 02 27.76 | d | k | 14.9 | LB | 35 | L | 5 | a900 | 0.55 | | | | HOR02 |
| 2001 03 12.80 | | S | 12.8 | GA | 31.0 | J | 6 | 109 | 1.2 | 2 | | | BOU |
| 2001 03 12.82 | | S | [13.0 | HS | 30 | R | 20 | 230 | | | | | SHA02 |
| 2001 03 13.50 | x | C | 13.9 | HS | 35.0 | C | 14 | A440 | | | | | TSU02 |
| 2001 03 13.51 | x | S | 12.2 | HS | 25.4 | L | 4 | 113 | 1.2 | | | | YOS02 |
| 2001 03 13.76 | | S | 12.4 | AC | 40.6 | L | 5 | 72 | 1 | 1 | | | RES |
| 2001 03 13.83 | | S | 13.1 | VB | 30 | R | 20 | 230 | 0.7 | 2 | | | SHA02 |
| 2001 03 14.85 | | S | 12.3 | NP | 25 | L | 5 | 60 | 3 | 1 | | | SEG |
| 2001 03 15.46 | x | S | 12.1 | HS | 25.4 | L | 4 | 113 | 1.1 | | | | YOS02 |
| 2001 03 15.47 | x | C | 13.3 | TJ | 60.0 | Y | 6 | a120 | 2.2 | | | | NAK01 |
| 2001 03 16.82 | | S | 12.0 | HS | 44.5 | T | 4 | 112 | 2.1 | 1/ | | | SAR02 |
| 2001 03 18.41 | | C | 14.1 | TJ | 18.0 | L | 6 | a180 | 0.7 | | | | KAD02 |
| 2001 03 21.86 | | S | 11.7 | AC | 40.6 | L | 5 | 72 | 1.5 | 1 | | | RES |
| 2001 03 22.79 | | M | 12.3 | GA | 25 | L | 4 | 120 | 0.7 | 2/ | | | SHU |
| 2001 03 22.81 | x | S | 12.1 | HS | 30 | L | 4 | 191 | 1.5 | s2 | | | GRA09 |
| 2001 03 23.13 | | J | 13.9 | SC | 25.4 | T | 5 | a100 | 2.50 | s3 | ? | | ROQ |
| 2001 03 26.46 | x | S | 11.7 | HS | 25.4 | L | 4 | 113 | 1.7 | 1 | | | YOS02 |

Comet 24P/Schaumasse [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|-------|-----|------|----|-------|
| 2001 03 26.74 | | S | 12.2 | PA | 30 | L | 5 | 100 | 1.5 | 2 | | | NEV |
| 2001 03 26.83 | | S | 12.0 | AC | 25.4 | J | 6 | 72 | 1.5 | 2 | | | BOU |
| 2001 03 27.81 | | S | 11.5 | AC | 40.6 | L | 5 | 72 | 1.8 | 2 | | | RES |
| 2001 03 27.82 | | S | 11.8 | HS | 20.0 | L | 5 | 50 | 1.5 | 3 | | | CHE03 |
| 2001 03 28.74 | | S | 12.0 | PA | 30 | L | 5 | 60 | 2 | 2 | | | NEV |
| 2001 03 28.79 | x | S | 11.8 | HS | 30 | L | 4 | 191 | 2 | 2 | | | GRA09 |
| 2001 03 28.82 | | S | 11.5 | AC | 40.6 | L | 5 | 72 | 1.8 | 1/ | | | RES |
| 2001 03 29.47 | x | C | 12.3 | HS | 35.0 | C | 14 | A320 | | | | | TSU02 |
| 2001 03 29.84 | | S | 11.9 | GA | 24 | L | 5 | 205 | 1.5 | 2 | | | KOR01 |
| 2001 03 30.84 | | S | 11.9 | GA | 24 | L | 5 | 205 | 1.4 | 2 | | | KOR01 |
| 2001 03 31.86 | | S | 12.0 | GA | 24 | L | 5 | 205 | 1.6 | 3 | | | KOR01 |
| 2001 04 01.43 | | S | [10.0 | HS | 25.4 | L | 6 | 116 | ! 1.4 | | | | YOS04 |
| 2001 04 01.82 | d | k | 13.1 | LB | 35 | L | 5 | a600 | 1.2 | | | | HOR02 |
| 2001 04 02.79 | d | k | 13.6: | LB | 35 | L | 5 | a720 | 1.1 | | | | HOR02 |
| 2001 04 03.78 | d | k | 13.4 | LB | 35 | L | 5 | a720 | 1.1 | | | | HOR02 |
| 2001 04 04.47 | | C | 13.4 | TJ | 18.0 | L | 6 | a120 | 0.7 | | | | KAD02 |
| 2001 04 04.85 | | S | 11.7 | HS | 30 | R | 20 | 185 | 0.8 | 3 | | | SHA02 |
| 2001 04 05.84 | d | k | 13.3 | LB | 35 | L | 5 | a780 | 1.7 | | | | HOR02 |
| 2001 04 10.86 | | S | 10.8: | HS | 11 | L | 7 | 50 | 2 | 2 | | | BAR06 |
| 2001 04 11.81 | | S | 11.3: | HS | 11 | L | 7 | 50 | 2 | 2 | | | BAR06 |
| 2001 04 11.85 | | S | 10.9 | TJ | 25.4 | J | 6 | 58 | 2.5 | 2/ | | | BOU |
| 2001 04 11.85 | | S | 11.5: | TJ | 30.5 | T | 10 | 54 | & 3 | 2 | | | COM |
| 2001 04 11.85 | | S | 11.6 | NP | 25 | L | 5 | 60 | 2 | 2 | | | SEG |
| 2001 04 12.81 | x | S | 11.5 | TT | 20 | L | 5 | 80 | & 2 | d1/ | | | POW01 |
| 2001 04 12.82 | | S | 11.5 | TT | 35 | L | 5 | 158 | 2.3 | 1/ | | | HOR02 |
| 2001 04 12.85 | | S | 10.9 | TJ | 25.4 | J | 6 | 72 | 2.7 | 2/ | | | BOU |
| 2001 04 13.86 | | S | 10.8 | TJ | 25.4 | J | 6 | 58 | 2.5 | 2 | | | BOU |
| 2001 04 13.87 | | S | 10.7 | TJ | 25.4 | J | 6 | 58 | | | | | DIJ |
| 2001 04 13.88 | | S | 12.6: | VB | 33 | L | 5 | 150 | 0.6 | 2 | | | SHA02 |
| 2001 04 14.81 | | S | 11.1 | TT | 35 | L | 5 | 158 | 3 | 1/ | | | HOR02 |
| 2001 04 14.82 | | S | 10.8 | AC | 40.6 | L | 5 | 122 | 2.2 | 2 | | | RES |
| 2001 04 14.86 | | S | 11.4 | HS | 20 | L | 5 | 70 | 1.8 | 2 | | | BAR06 |
| 2001 04 14.86 | | S | 11.8 | NP | 25 | L | 5 | 60 | 2 | 2 | | | SEG |
| 2001 04 14.86 | d | k | 13.0: | LB | 35 | L | 5 | a240 | 1.5 | | | | HOR02 |
| 2001 04 15.51 | x | S | 11.3 | HS | 25.4 | L | 4 | 113 | 1.9 | 1 | | | YOS02 |
| 2001 04 16.14 | | J | 11.7 | SC | 25.4 | T | 5 | a100 | 1.96 | s5 | 0.5m | 78 | ROQ |
| 2001 04 16.77 | a | S | 11.8 | AS | 30 | L | 5 | 60 | 2 | 2 | | | NEV |
| 2001 04 18.86 | | S | 10.7 | TJ | 25.4 | J | 6 | 72 | 2.5 | 2 | | | BOU |
| 2001 04 18.86 | | S | 11.1 | TJ | 25.4 | J | 6 | 72 | | 1 | | | DIJ |
| 2001 04 19.45 | | C | 12.3 | GA | 60.0 | Y | 6 | a120 | 2.2 | | | | NAK01 |
| 2001 04 21.87 | | S | 10.8 | TJ | 31.0 | J | 6 | 72 | 2.7 | 2 | | | BOU |
| 2001 04 21.87 | | S | 11.6: | NP | 32 | L | 5 | 69 | 2 | 2 | | | MAR02 |
| 2001 04 21.88 | | S | 10.8 | TJ | 31.0 | J | 6 | 72 | 3.5 | 1 | | | DIJ |
| 2001 04 22.46 | | C | 13.0 | TJ | 18.0 | L | 6 | a 90 | 1.1 | | | | KAD02 |
| 2001 04 22.47 | x | C | 13.5 | TT | 35.0 | C | 14 | a 60 | 0.4 | 5 | | | TSU02 |
| 2001 04 22.50 | x | S | 10.7 | HS | 25.4 | L | 4 | 113 | 1.7 | 1 | | | YOS02 |
| 2001 04 23.46 | x | S | 10.8 | TJ | 32.0 | L | 5 | 91 | 3 | 2 | | | NAG08 |
| 2001 04 23.87 | | S | 10.7 | TJ | 31.0 | J | 6 | 58 | 2.5 | 2/ | | | BOU |
| 2001 04 23.88 | | S | 11.0 | TJ | 31.0 | J | 6 | 58 | 2.1 | 1/ | | | DIJ |
| 2001 04 24.88 | | S | 11.9: | VB | 20 | R | 14 | 110 | 0.9 | 2 | | | SHA02 |
| 2001 04 26.84 | | S | 11.4 | HS | 44.0 | L | 5 | 156 | 0.6 | 4 | | | HAS02 |

Comet 28P/Neujmin

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|------|
| 2001 02 26.78 | ! | k | 20.2 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |
| 2001 03 21.71 | ! | k | 20.7 | LA | 103.0 | C | 4 | a240 | | | | | ORI |

Comet 29P/Schwassmann-Wachmann

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|----|-------|
| 2001 04 16.60 | | | [13.5 | HS | 20 | L | 7 | 160 | | | | | MAT08 |
| 2001 04 22.80 | a | C | 15.5 | GA | 60.0 | Y | 6 | a120 | 0.65 | | | | NAK01 |
| 2001 04 26.74 | | C | 15.9: | TJ | 18.0 | L | 6 | a120 | 0.25 | | | | KAD02 |

Comet 31P/Schwassmann-Wachmann

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2000 11 24.67 | ! | k | 18.3 | LA | 103.0 | C | 4 | a240 | 0.2 | | 0.5m | 260 | ORI |
| 2000 11 25.72 | ! | k | 18.5 | LA | 103.0 | C | 4 | a240 | 0.2 | | 0.3m | 260 | ORI |
| 2000 12 22.65 | ! | k | 18.2 | LA | 103.0 | C | 4 | a240 | 0.2 | | | | ORI |
| 2000 12 31.85 | | C | 19.0 | TI | 60.0 | D | 2 | a360 | 0.17 | | 10 s | 70 | SAR02 |
| 2001 01 21.56 | | C | 18.8 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | | NAK01 |
| 2001 02 20.49 | ! | k | 18.8 | LA | 103.0 | C | 4 | a240 | 0.3 | | | | ORI |

Comet 33P/Daniel

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|-----|-------|
| 2001 01 30.85 | ! | k | 18.3 | LA | 103.0 | C | 4 | a240 | 0.35 | | | | ORI |
| 2001 02 22.82 | ! | k | 18.5 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.2m | 200 | ORI |
| 2001 03 21.69 | | C | 15.9 | GA | 60.0 | Y | 6 | a240 | 0.65 | | | | NAK01 |
| 2001 03 21.74 | ! | k | 15.9 | LA | 103.0 | C | 4 | a240 | 0.5 | | | | ORI |
| 2001 03 24.50 | | C | 16.2: | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 03 26.52 | x | C | 16.4 | HS | 35.0 | C | 14 | a960 | | | | | TSU02 |
| 2001 03 26.59 | | C | 16.3 | GA | 60.0 | Y | 6 | a120 | 0.65 | | | | NAK01 |
| 2001 04 01.66 | ! | V | 17.3 | LA | 103.0 | C | 4 | a240 | 0.4 | | | | ORI |
| 2001 04 01.67 | ! | k | 17.0 | LA | 103.0 | C | 4 | a240 | 0.4 | | | | ORI |

Comet 41P/Tuttle-Giacobini-Kresák

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|-----|-------|-----|-------|
| 2000 12 02.81 | x | S | 11.8: | TJ | 31.7 | L | 6 | 52 | 1.5 | 3/ | | | MIY01 |
| 2000 12 02.83 | | S | [10.0 | VN | 20 | L | 4 | 100 | ! | 1.0 | | | PEA |
| 2000 12 03.82 | | S | [10.0 | VN | 20 | L | 4 | 100 | ! | 1.0 | | | PEA |
| 2000 12 09.84 | x | S | 11.5 | TJ | 31.7 | L | 6 | 63 | 2 | 2/ | | | MIY01 |
| 2000 12 18.83 | x | S | 8.0 | TT | 20 | L | 4 | 100 | 2.7 | 4/ | | | PEA |
| 2000 12 20.20 | | M | 7.6 | TT | 8.0 | B | | 10 | 9 | 4 | | | HOR02 |
| 2000 12 21.19 | | B | 7.7 | TI | 7.6 | L | 10 | 35 | 8 | | | | CER01 |
| 2000 12 21.83 | x | S | 9.0 | TT | 20 | L | 4 | 45 | 2.3 | 3 | | | PEA |
| 2000 12 22.13 | | S | 7.6 | AA | 6.0 | B | | 15 | 6.5 | 5 | 0.1 | | KOR01 |
| 2000 12 22.15 | | S | 7.5 | AA | 11 | V | 3 | 17 | 7 | 4/ | 0.15 | | KOR01 |
| 2000 12 22.18 | x | S | 8.4 | TT | 10.0 | B | | 25 | 5 | s3 | | | DRA02 |
| 2000 12 22.22 | | S | 8.4 | AC | 40.6 | L | 5 | 72 | 3 | 3 | | | RES |
| 2000 12 22.24 | | S | 8.0 | TJ | 15.6 | L | 5 | 29 | 6 | 5 | | | DIJ |
| 2000 12 22.83 | x | S | 9.0 | TT | 20 | L | 4 | 45 | 3.0 | 3 | | | PEA |
| 2000 12 23.17 | | M | 7.7 | TT | 8.0 | B | | 10 | 8 | 4 | | | HOR02 |
| 2000 12 23.18 | | S | 10.0 | HS | 34 | T | | 70 | 1.5 | 2 | | | SZA |
| 2000 12 23.25 | | S | 9.0 | TK | 25.6 | L | 5 | 42 | 5 | 5 | 0.15 | 290 | BIV |
| 2000 12 23.83 | x | S | 9.2 | TT | 20 | L | 4 | 45 | 3.2 | 2 | | | PEA |
| 2000 12 24.12 | | S | 7.4 | AA | 11 | V | 3 | 17 | 8 | 4/ | 0.2 | | KOR01 |
| 2000 12 24.13 | | S | 7.4 | AA | 6.0 | B | | 15 | 8 | 5 | 0.1 | | KOR01 |
| 2000 12 24.19 | x | S | 9.2 | TJ | 15.0 | L | 6 | 48 | 3 | 2 | | | GUZ |
| 2000 12 24.83 | x | S | 9.3 | TT | 20 | L | 4 | 45 | 2.3 | 2 | | | PEA |
| 2000 12 25.12 | | S | 7.4 | AA | 6.0 | B | | 15 | 10 | 5 | 0.2 | | KOR01 |
| 2000 12 25.13 | | S | 7.3 | AA | 11 | V | 3 | 17 | 8 | 4/ | 0.2 | | KOR01 |
| 2000 12 25.18 | x | S | 9.2 | TJ | 25 | L | 6 | 54 | 4 | 3 | | | KOR01 |
| 2000 12 25.20 | x | S | 9.5 | TJ | 14.0 | L | 6 | 46 | & 3 | | | | SWI |
| 2000 12 26.12 | | S | 7.5 | AA | 6.0 | B | | 15 | 8 | 5 | 0.1 | | ADA02 |
| 2000 12 26.13 | | S | 7.4 | AA | 11 | V | 3 | 17 | 7 | 5 | 0.12 | | KOR01 |
| 2000 12 27.11 | | S | 7.3 | AA | 6.0 | B | | 15 | 10 | 5 | 0.15 | | KOR01 |
| 2000 12 27.12 | | S | 7.4 | AA | 11 | V | 3 | 17 | 8 | 5 | 0.18 | | KOR01 |
| 2000 12 28.11 | | S | 7.5 | AA | 6.0 | B | | 15 | 7 | 5 | 0.1 | | KOR01 |
| 2000 12 28.13 | | S | 7.5 | AA | 50 | L | 4 | 100 | 8 | 4/ | 0.12 | | KOR01 |
| 2000 12 28.15 | | S | 7.5 | AA | 11 | V | 3 | 17 | 7 | 4/ | 0.11 | | KOR01 |
| 2000 12 29.21 | | M | 9.4 | TT | 13 | L | 8 | 69 | 5 | 1/ | | | HOR02 |
| 2000 12 29.83 | | C | 10.5 | GA | 40.0 | L | 6 | a 30 | 1.9 | | >10 m | 288 | AKA |
| 2000 12 31.12 | | S | 8.2 | AA | 11 | V | 3 | 60 | 4.5 | 6 | 0.1 | 310 | KOR01 |
| 2000 12 31.18 | | S | 10.0 | HS | 27 | T | 6 | 83 | 2.5 | 4 | 0.03 | 285 | TOT03 |
| 2000 12 31.26 | | S | 10.5: | TK | 25.6 | L | 5 | 84 | 1.5 | 3 | | | BIV |
| 2000 12 31.30 | | S | [11.0 | TT | 14.3 | L | 6 | 112 | | | | | AMO01 |
| 2001 01 01.12 | | S | 8.6 | AA | 11 | V | 3 | 60 | 4 | 5/ | | | KOR01 |
| 2001 01 02.12 | | S | 8.8 | AA | 11 | V | 3 | 60 | 4 | 5/ | >0.1 | 300 | KOR01 |
| 2001 01 02.84 | | S | 9.5 | TJ | 25.4 | T | 6 | 62 | 5.6 | 3 | | | YOS04 |

Comet 41P/Tuttle-Giacobini-Kresák [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|--------|----|------|---|----|------|------|----|------|-------|-------|
| 2001 01 02.87 | xw | S | 9.8 | TT | 25.4 | L | 4 | 46 | 2.2 | 2 | 5 | m 290 | YOS02 |
| 2001 01 03.13 | | S | 9.0 | AA | 50 | L | 4 | 100 | 3.5 | 6 | | | KOR01 |
| 2001 01 03.29 | | S | [11.3 | TT | 14.3 | L | 6 | 225 | | | | | AM001 |
| 2001 01 03.64 | | S | 10.2 | TK | 20.3 | L | 6 | 40 | 2.5 | 3 | 0.07 | 280 | BIV |
| 2001 01 03.82 | | C | 11.4 | TJ | 18.0 | L | 6 | a 60 | 1.8 | | 3.2m | 287 | KAD02 |
| 2001 01 04.10 | | S | 9.1 | AA | 50 | L | 4 | 100 | 3.5 | 6 | | | KOR01 |
| 2001 01 04.64 | | S | 10.5 | TK | 20.3 | L | 6 | 40 | 1.5 | 3 | 0.07 | 285 | BIV |
| 2001 01 04.83 | | S | 10.4 | TJ | 31.7 | L | 6 | 63 | 1 | 2/ | | | MIY01 |
| 2001 01 05.65 | | S | 10.3 | TK | 20.3 | L | 6 | 40 | 2.0 | 3 | 0.08 | 285 | BIV |
| 2001 01 05.84 | | S | 9.8 | TJ | 31.7 | L | 6 | 63 | 2 | 2 | | | MIY01 |
| 2001 01 05.84 | xw | S | 10.2 | TJ | 32.0 | L | 5 | 58 | 3 | 3 | | | NAG08 |
| 2001 01 06.66 | | S | 10.4 | TK | 20.3 | L | 6 | 40 | 2.0 | 2 | 0.06 | 280 | BIV |
| 2001 01 06.85 | | C | 11.8 | TJ | 18.0 | L | 6 | a 60 | 1.7 | | 12 | m 283 | KAD02 |
| 2001 01 06.86 | | S | 10.2 | TJ | 31.7 | L | 6 | 63 | 2.5 | 2 | | | MIY01 |
| 2001 01 11.86 | | C | 12.0 | TJ | 18.0 | L | 6 | a 60 | 1.5 | | 10 | m 283 | KAD02 |
| 2001 01 14.85 | | C | 12.2 | TJ | 18.0 | L | 6 | a 90 | 1.4 | | 4.5m | 282 | KAD02 |
| 2001 01 15.21 | | [| 8.0 | TT | 13 | L | 8 | 69 | ! | 4 | | | HOR02 |
| 2001 01 17.20 | x | S | [8.8: | TJ | 15.0 | L | 6 | 48 | ! | 2 | | | GUZ |
| 2001 01 17.85 | xw | S | 11.0: | TJ | 32.0 | L | 5 | 58 | 3 | 2 | | | NAG08 |
| 2001 01 18.84 | | S | 10.5 | TJ | 25.4 | T | 6 | 116 | 1.5 | 1 | | | YOS04 |
| 2001 01 18.85 | xw | S | 10.5 | TJ | 32.0 | L | 5 | 58 | 3 | 4 | | | NAG08 |
| 2001 01 22.86 | x | S | 12.1: | HS | 25.4 | L | 4 | 113 | 1.3 | 1/ | | | YOS02 |
| 2001 01 23.84 | | C | 13.3: | TJ | 18.0 | L | 6 | a120 | 0.8 | | | | KAD02 |
| 2001 01 28.78 | | S | [11.0 | HS | 20 | L | 7 | 160 | | | | | MAT08 |

Comet 45P/Honda-Mrkos-Pajdušáková

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|----|----|-------|----|------|---|----|------|------|----|------|------|-------|
| 2001 04 04.42 | | C | 10.5 | TJ | 18.0 | L | 6 | a 40 | 0.8 | | | | KAD02 |
| 2001 04 11.84 | | S | 9.2 | TJ | 25.4 | J | 6 | 88 | 1.2 | 5 | | | BOU |
| 2001 04 12.78 | x | B | 9.8: | TT | 20 | L | 5 | 50 | & 3 | D4 | | | POW01 |
| 2001 04 12.79 | x | B | 9.9: | TT | 20 | L | 5 | 80 | & 3 | D4 | | | POW02 |
| 2001 04 12.84 | | S | 9.1 | TJ | 25.4 | J | 6 | 72 | 1.5 | 5 | | | BOU |
| 2001 04 13.43 | | C | 10.8 | TJ | 18.0 | L | 6 | a 40 | 1.1 | | 1.6m | 74 | KAD02 |
| 2001 04 13.44 | | C | 10.6 | TT | 35.0 | C | 14 | a600 | | | | | TSU02 |
| 2001 04 13.44 | | C | 10.8 | GA | 40.0 | L | 6 | a 15 | 1.7 | | >11 | m 80 | AKA |
| 2001 04 13.84 | | S | 9.2 | TJ | 25.4 | J | 6 | 58 | 2.2 | 4/ | | | BOU |
| 2001 04 14.78 | | S | 9.4 | HS | 20 | L | 5 | 70 | 3 | 4 | | | BAR06 |
| 2001 04 15.46 | xa | S | 8.8 | TT | 25.4 | L | 4 | 46 | 4.0 | 4 | | | YOS02 |
| 2001 04 15.47 | xa | S | 9.7 | TJ | 15.0 | B | | 25 | 1.5 | 3 | | | HAS08 |
| 2001 04 18.85 | | M | 9.7 | TJ | 25.4 | J | 6 | 72 | 2.0 | 5 | | | BOU |
| 2001 04 18.86 | | S | 10.0: | TJ | 25.4 | J | 6 | 72 | | 3 | | | DIJ |
| 2001 04 19.85 | | M | 9.8 | TJ | 25.4 | J | 6 | 72 | 1.8 | 4/ | | | BOU |
| 2001 04 21.85 | | S | 9.9 | TJ | 31.0 | J | 6 | 72 | 1.7 | 3/ | | | BOU |
| 2001 04 21.86 | | S | 9.7 | TJ | 31.0 | J | 6 | 72 | 3 | 1/ | | | DIJ |
| 2001 04 22.44 | | C | 11.7 | TT | 35.0 | C | 14 | a 60 | 0.8 | 3 | 2.3m | 59 | TSU02 |
| 2001 04 22.45 | | C | 11.0 | TJ | 18.0 | L | 6 | a 40 | 1.4 | | 2.0m | 75 | KAD02 |
| 2001 04 22.47 | xa | S | 10.2 | TT | 25.4 | L | 4 | 46 | 2.1 | 2 | | | YOS02 |
| 2001 04 23.45 | xa | S | 10.0: | TJ | 32.0 | L | 5 | 91 | & 4 | | | | NAG08 |
| 2001 04 23.86 | | S | 10.0 | TJ | 31.0 | J | 6 | 72 | 1.6 | 2 | | | BOU |
| 2001 04 23.86 | | S | 10.0 | TJ | 31.0 | J | 6 | 72 | 2 | 1/ | | | DIJ |
| 2001 04 25.79 | | S | 10.5: | HS | 11 | L | 7 | 50 | 2 | 2 | | | BAR06 |
| 2001 04 25.80 | x | B | 9.7 | TJ | 15.0 | L | 6 | 48 | 2 | 6 | | | GUZ |
| 2001 04 26.45 | x | C | 11.4: | HV | 60.0 | Y | 6 | a 60 | 1.7 | | | | NAK01 |
| 2001 04 26.84 | | S | 10.1 | TT | 44.0 | L | 5 | 156 | 1.1 | 4 | | | HAS02 |
| 2001 04 27.46 | | C | 12.3 | TT | 35.0 | C | 14 | a180 | 1.5 | 2 | | | TSU02 |

Comet 47P/Ashbrook-Jackson

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|-----|------|----|-------|
| 2000 11 18.57 | | S | 13.6 | VN | 41 | L | 4 | 200 | 0.5 | 2 | | | PEA |
| 2000 11 24.56 | | S | 13.7 | VN | 41 | L | 4 | 200 | 0.7 | 2 | | | PEA |
| 2000 11 29.52 | | S | [13.5 | VN | 41 | L | 4 | 200 | ! | 1.0 | | | PEA |
| 2000 12 23.68 | | S | [13.3 | AC | 40.6 | L | 5 | 72 | | | | | RES |
| 2001 01 06.38 | | C | 13.5 | TJ | 18.0 | L | 6 | a 90 | 0.6 | | 0.7m | 48 | KAD02 |

Comet 47P/Ashbrook-Jackson [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2001 02 03.38 | | C | 14.1 | TJ | 18.0 | L | 6 | a 90 | 0.55 | | | | KAD02 |

Comet 52P/Harrington-Abell

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|-------|
| 1999 05 18.88 | | S | 12.8 | HS | 35 | L | 5 | 158 | 1.7 | 2 | | | HOR02 |

Comet 55P/Tempel-Tuttle

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|------|
| 1998 02 20.72 | | E | 9.8: | S | 6 | R | 6 | 51 | 1 | 3 | | | ERO |

Comet 64P/Swift-Gehrels

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|-------|----|------|----|-------|
| 2000 12 22.44 | | | 19.5: | | 120 | L | 7 | a600 | | | | | SPA |
| 2000 12 29.80 | ! | k | 18.7: | LA | 103.0 | C | 4 | a240 | & 0.3 | | | | ORI |
| 2001 01 23.40 | | k | 19.9 | L | 226.0 | C | 2 | a120 | 0.20 | 7 | | | HER02 |
| 2001 02 26.69 | | C | 19.7 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | | NAK01 |
| 2001 02 26.73 | ! | k | 19.4 | LA | 103.0 | C | 4 | a240 | 0.2 | | | | ORI |

Comet 65P/Gunn

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-------|-------|
| 2001 02 13.36 | | k | 17.5 | L | 154.0 | C | 9 | a600 | 0.16 | 7 | 25 | s 265 | HER02 |
| 2001 02 17.52 | | C | 17.3 | TJ | 18.0 | L | 6 | a300 | 0.2 | | | | KAD02 |
| 2001 02 20.56 | | C | 17.2 | GA | 60.0 | Y | 6 | a240 | 0.4 | | 0.8m | 265 | NAK01 |
| 2001 02 20.63 | ! | k | 17.1 | LA | 103.0 | C | 4 | a240 | 0.45 | | 1.0m | 260 | ORI |

Comet 70P/Kojima

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-------|-------|
| 2001 01 01.77 | | C | 17.2 | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 01 23.48 | | k | 16.6 | L | 226.0 | C | 2 | a120 | 0.55 | 5 | 92 | s 292 | HER02 |
| 2001 02 26.79 | | C | 16.7 | GA | 60.0 | Y | 6 | a120 | 0.6 | | 1.4m | 288 | NAK01 |
| 2001 03 02.73 | | C | 16.9 | TJ | 18.0 | L | 6 | a180 | 0.3 | | | | KAD02 |
| 2001 03 21.70 | | C | 16.3 | GA | 60.0 | Y | 6 | a120 | 0.75 | | 1.9m | 288 | NAK01 |

Comet 73P/Schwassmann-Wachmann (Component B)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2000 12 26.86 | | C | 14.8 | TJ | 18.0 | L | 6 | a 40 | 0.25 | | | | KAD02 |
| 2000 12 29.87 | | C | 14.0 | TJ | 18.0 | L | 6 | a 40 | 0.3 | | | | KAD02 |

Comet 73P/Schwassmann-Wachmann (Component C)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|-------|-------|
| 2000 12 12.85 | | C | 11.6 | TJ | 18.0 | L | 6 | a 60 | 1.0 | | 12 | m 294 | KAD02 |
| 2000 12 15.86 | | C | 10.9 | TJ | 18.0 | L | 6 | a 40 | 0.9 | | 11 | m 293 | KAD02 |
| 2000 12 23.87 | | C | 10.7 | TJ | 18.0 | L | 6 | a 30 | 1.1 | | 8.5m | 288 | KAD02 |
| 2000 12 26.86 | | C | 10.7 | TJ | 18.0 | L | 6 | a 40 | 0.85 | | 8.7m | 287 | KAD02 |
| 2000 12 29.87 | | C | 11.1 | TJ | 18.0 | L | 6 | a 40 | 0.75 | | 4.1m | 286 | KAD02 |
| 2001 01 01.87 | | C | 10.9 | TJ | 18.0 | L | 6 | a 40 | 0.85 | | 3.3m | 285 | KAD02 |
| 2001 01 03.66 | | S | 10.0: | TK | 20.3 | L | 6 | 40 | 1.5 | 7 | 0.05 | 275 | BIV |
| 2001 01 04.67 | | S | 10.2: | TK | 20.3 | L | 6 | 40 | 1.5 | 7 | | | BIV |

Comet 73P/Schwassmann-Wachmann (Component E)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|----|-------|
| 2000 12 12.85 | | C | 15.3 | TJ | 18.0 | L | 6 | a 60 | 0.3 | | | | KAD02 |

Comet 74P/Smirnova-Chernykh

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|------|------|----|------|-----|-------|
| 2000 12 26.82 | | C | 16.5 | TJ | 18.0 | L | 6 | a120 | 0.35 | | 1.0m | 293 | KAD02 |

Comet 74P/Smirnova-Chernykh [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|--------|-----|-------|
| 2001 01 01.75 | | C | 16.2 | TJ | 18.0 | L | 6 | a180 | 0.4 | | 0.7m | 294 | KAD02 |
| 2001 01 23.46 | | k | 15.9 | L | 226.0 | C | 2 | a120 | 0.38 | 5 | > 5.8m | 295 | HER02 |
| 2001 02 16.78 | | C | 15.3 | TJ | 18.0 | L | 6 | a120 | 0.45 | | 0.9m | 309 | KAD02 |
| 2001 02 26.74 | | C | 15.6 | GA | 60.0 | Y | 6 | a120 | 0.65 | | 3.5m | 290 | NAK01 |
| 2001 03 02.71 | | C | 15.5 | TJ | 18.0 | L | 6 | a120 | 0.35 | | 1.1m | 298 | KAD02 |
| 2001 03 12.88 | | S | 13.9: | HS | 31.0 | J | 6 | 186 | 0.7 | 3/ | | | BOU |
| 2001 03 15.70 | | C | 15.4 | TJ | 18.0 | L | 6 | a120 | 0.45 | | 1.0m | 297 | KAD02 |
| 2001 03 16.89 | | S | 15.5: | HS | 44.5 | T | 4 | 146 | 0.8 | 3 | | | SAR02 |
| 2001 03 26.56 | x | C | 16.2 | HS | 35.0 | C | 14 | a960 | | | | | TSU02 |
| 2001 03 26.60 | | C | 15.3 | GA | 60.0 | Y | 6 | a120 | 0.8 | | 4.0m | 289 | NAK01 |
| 2001 04 01.63 | | C | 15.5 | TJ | 18.0 | L | 6 | a120 | 0.4 | | 0.6m | 296 | KAD02 |
| 2001 04 19.62 | | C | 15.6 | TJ | 18.0 | L | 6 | a120 | 0.35 | | | | KAD02 |
| 2001 04 22.51 | | C | 15.5 | TJ | 18.0 | L | 6 | a120 | 0.4 | | | | KAD02 |
| 2001 04 22.57 | x | C | 15.8 | TT | 35.0 | C | 14 | a180 | 0.4 | 4 | | | TSU02 |
| 2001 04 26.58 | | C | 15.5 | GA | 60.0 | Y | 6 | a120 | 0.5 | | 1.4m | 289 | NAK01 |
| 2001 04 26.87 | | S | [14.0 | HS | 44.0 | L | 5 | 156 | | | | | HAS02 |
| 2001 04 27.54 | x | C | 15.8 | TT | 35.0 | C | 14 | a120 | 0.4 | 4 | | | TSU02 |

Comet 77P/Longmore

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.23 | | k | 21.8 | L | 226.0 | C | 2 | a900 | | 9 | | | HER02 |

Comet 97P/Metcalf-Brewington

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|------|---|----|-----|------|----|------|----|------|
| 2000 11 05.88 | | S | 13.0 | AC | 40.6 | L | 5 | 130 | 1.5 | 3/ | | | RES |

Comet 103P/Hartley

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|------|
| 1998 01 14.67 | | E | 8.8 | S | 6 | R | 6 | 51 | 1.5 | 3/ | | | ERO |

Comet 108P/Ciffréo

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2000 12 22.46 | | | 20.5 | | 120 | L | 7 | a600 | | | | | SPA |
| 2001 01 23.44 | | k | 20.5 | L | 226.0 | C | 2 | a480 | 0.16 | 8 | 62 s | 295 | HER02 |

Comet 110P/Hartley

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|-----|-------|----|-------|---|----|------|-------|----|------|----|-------|
| 2000 12 18.71 | | d k | 14.7 | LB | 35 | L | 5 | a180 | 0.6 | | | | HOR02 |
| 2000 12 19.84 | | d k | 14.7 | LB | 35 | L | 5 | a660 | 0.7 | | | | HOR02 |
| 2000 12 20.78 | | d k | 14.9 | LB | 35 | L | 5 | a600 | 0.6 | | | | HOR02 |
| 2000 12 22.79 | | d k | 14.7 | LB | 35 | L | 5 | a600 | 0.6 | | | | HOR02 |
| 2000 12 22.81 | | S | [14.0 | HS | 27 | T | 6 | 214 | ! 0.5 | | | | TOTO3 |
| 2000 12 23.49 | | C | 15.1 | TJ | 18.0 | L | 6 | a120 | 0.45 | | | | KAD02 |
| 2000 12 24.77 | | d k | 14.6 | LB | 35 | L | 5 | a300 | 0.5 | | | | HOR02 |
| 2000 12 31.90 | | d k | 14.6 | LB | 35 | L | 5 | a600 | 0.7 | | | | HOR02 |
| 2001 01 12.75 | | d k | 15.0 | LB | 35 | L | 5 | a480 | 0.6 | | | | HOR02 |
| 2001 01 13.85 | | d k | 15.0 | LB | 35 | L | 5 | a600 | 0.5 | | | | HOR02 |
| 2001 01 14.84 | | d k | 14.8 | LB | 35 | L | 5 | a420 | 0.6 | | | | HOR02 |
| 2001 01 21.50 | | C | 15.1 | GA | 60.0 | Y | 6 | a120 | 0.85 | | 1.3m | 81 | NAK01 |
| 2001 01 28.80 | | d k | 15.0 | LB | 35 | L | 5 | a420 | 0.45 | | | | HOR02 |
| 2001 02 11.82 | | d k | 15.1 | LB | 35 | L | 5 | a600 | 0.4 | | | | HOR02 |
| 2001 02 13.21 | | k | 15.4 | L | 154.0 | C | 9 | a600 | 0.47 | 5 | 49 s | 80 | HER02 |
| 2001 02 14.82 | | d k | 15.5 | LB | 35 | L | 5 | a540 | 0.4 | | | | HOR02 |
| 2001 02 15.89 | | d k | 15.6 | LB | 35 | L | 5 | a480 | 0.35 | | | | HOR02 |
| 2001 02 16.95 | | d k | 15.4: | LB | 35 | L | 5 | a660 | 0.35 | | | | HOR02 |
| 2001 02 17.13 | | J | 15.0 | SC | 25.4 | T | 5 | a100 | 0.53 | s5 | 0.6m | 82 | ROQ |
| 2001 02 17.45 | | C | 15.4 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | KAD02 |
| 2001 02 20.49 | | C | 15.5 | GA | 60.0 | Y | 6 | a120 | 0.75 | | 1.1m | 80 | NAK01 |
| 2001 02 20.50 | | ! k | 14.7 | LA | 103.0 | C | 4 | a240 | 1.0 | | 1.0m | 70 | ORI |
| 2001 02 24.79 | | d k | 15.5 | LB | 35 | L | 5 | a540 | 0.4 | | | | HOR02 |

Comet 110P/Hartley [cont.]

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|-------|------|------|------|---|------|------|------|----|------|----|-------|
| 2001 02 25.85 | d | k | 15.5 | LB | 35 | L | 5 | a300 | 0.35 | | | | HOR02 |
| 2001 02 27.50 | x | C | 15.5 | HS | 35.0 | C | 14 | a960 | | | | | TSU02 |
| 2001 02 27.79 | d | k | 15.3 | LB | 35 | L | 5 | a660 | 0.4 | | 0.4m | 50 | HOR02 |
| 2001 02 27.87 | d | C | 15.3 | LB | 65 | P | 4 | a180 | 0.65 | | 1.5m | 57 | HOR02 |
| 2001 02 27.87 | d | J | 16.1 | LB | 65 | P | 4 | a180 | 0.4 | | 0.4m | 57 | HOR02 |
| 2001 02 27.87 | d | k | 15.3 | LB | 65 | P | 4 | a180 | 0.5 | | 0.7m | 57 | HOR02 |
| 2001 03 12.83 | S | [14.0 | GA | 31.0 | J | 6 | 186 | ! | 1.0 | | | | BOU |
| 2001 03 13.54 | x | C | 15.8 | HS | 35.0 | C | 14 | A320 | | | | | TSU02 |
| 2001 03 15.50 | x | C | 15.7 | TJ | 60.0 | Y | 6 | a120 | 0.65 | | 0.8m | 73 | NAK01 |
| 2001 03 16.83 | S | [14.4 | HS | 44.5 | T | 4 | 146 | ! | 0.5 | | | | SAR02 |
| 2001 03 18.46 | C | 16.0 | TJ | 18.0 | L | 6 | a180 | 0.4 | | | | | KAD02 |
| 2001 03 26.13 | J | 14.9 | SC | 25.4 | T | 5 | a100 | 0.77 | s5 | | 0.7m | 80 | ROQ |
| 2001 04 19.46 | C | 16.2 | GA | 60.0 | Y | 6 | a120 | 0.5 | | | 0.5m | 82 | NAK01 |
| 2001 04 22.48 | C | 16.6 | TJ | 18.0 | L | 6 | a120 | 0.35 | | | | | KAD02 |
| 2001 04 22.49 | x | C | 15.5 | TT | 35.0 | C | 14 | a480 | 0.3 | 3 | | | TSU02 |
| 2001 04 26.85 | S | [14.0 | HS | 44.0 | L | 5 | 286 | | | | | | HAS02 |

Comet 113P/Spitaler

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.10 | | k | 19.6 | L | 154.0 | C | 9 | a600 | 0.08 | 7 | 7 s | 85 | HER02 |

Comet 116P/Wild

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|-----|-------|
| 2001 02 13.13 | | k | 19.4 | L | 154.0 | C | 9 | a900 | 0.09 | 8 | 14 s | 245 | HER02 |

Comet 117P/Helin-Roman-Alu

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.24 | | k | [22.0 | L | 154.0 | C | 9 | a300 | | | | | HER02 |

Comet 125P/Spacewatch

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.35 | | k | [22.0 | L | 154.0 | C | 9 | a300 | | | | | HER02 |

Comet 136P/Mueller

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.34 | | k | [22.0 | L | 154.0 | C | 9 | a600 | | | | | HER02 |

Comet 137P/Shoemaker-Levy

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 01 22.15 | | k | 19.1 | L | 226.0 | C | 2 | a120 | | 9 | | | HER02 |
| 2001 02 10.23 | | k | 19.5 | L | 154.0 | C | 9 | a600 | | 9 | | | HER02 |
| 2001 02 13.37 | | k | 19.8 | L | 154.0 | C | 9 | a600 | | 9 | | | HER02 |
| 2001 02 20.57 | | C | 20.4 | GA | 60.0 | Y | 6 | a240 | | 9 | | | NAK01 |
| 2001 02 20.62 | ! | k | 19.7 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |

Comet 141P/Machholz

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-----|---|----|-----|------|----|------|----|------|
| 1999 12 17.67 | | E | 11.7 | PA | 18 | L | 7 | 45 | 2 | 1 | | | ERO |

Comet 145P/Shoemaker-Levy

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2000 12 20.00 | d | k | 16.5 | LB | 35 | L | 5 | a720 | 0.3 | | | | HOR02 |
| 2000 12 20.92 | d | k | 16.8 | LB | 35 | L | 5 | a480 | 0.25 | | | | HOR02 |
| 2000 12 22.87 | d | k | 16.2 | LB | 35 | L | 5 | a600 | 0.4 | | | | HOR02 |
| 2000 12 23.56 | | C | 16.3 | TJ | 18.0 | L | 6 | a120 | 0.35 | | | | KAD02 |
| 2001 02 13.25 | | k | 19.2 | L | 154.0 | C | 9 | a300 | 0.09 | 8 | 7 s | 85 | HER02 |

Comet 146P/Shoemaker-LINEAR

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|------|
| 2001 02 20.59 | ! | k | 19.6 | LA | 103.0 | C | 4 | a240 | 0.15 | | | | ORI |

Comet 149P/Mueller

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|------|-------|------|------|------|------|------|------|-----|-------|
| 2000 12 22.85 | ! | k | 20.5 | LA | 103.0 | C | 4 | a240 | | | | | ORI |
| 2001 01 01.16 | | | | C[20 | : TI | 60.0 | D | 2 | a200 | ! | 0.1 | | SAR02 |
| 2001 01 30.84 | ! | k | 19.6 | LA | 103.0 | C | 4 | a240 | | | | | ORI |
| 2001 02 18.84 | ! | k | 18.8 | LA | 103.0 | C | 4 | a240 | 0.20 | | | | ORI |
| 2001 02 22.83 | ! | k | 18.6 | LA | 103.0 | C | 4 | a240 | 0.20 | | | | ORI |
| 2001 02 26.81 | | | | C | 19.1 | GA | 60.0 | Y | 6 | a240 | | | NAK01 |
| 2001 03 21.75 | | | | C | 18.4 | GA | 60.0 | Y | 6 | a240 | | 235 | NAK01 |
| 2001 03 21.76 | ! | k | 18.5 | LA | 103.0 | C | 4 | a240 | 0.2 | | | | ORI |
| 2001 04 22.74 | | | | C | 18.1 | GA | 60.0 | Y | 6 | a240 | | | NAK01 |

Comet 150P/LONEOS

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. | |
|---------------|---|----|------|----|-------|----|-------|------|------|------|------|-----|---------|-------|
| 2001 02 13.30 | | | | k | 16.3 | L | 154.0 | C | 9 | a300 | 0.16 | 8 | 8 s 110 | HER02 |
| 2001 02 18.58 | | | | C | 16.4 | TJ | 18.0 | L | 6 | a180 | 0.15 | | | KAD02 |
| 2001 02 19.59 | | | | C | 16.6 | GA | 60.0 | Y | 6 | a120 | 0.3 | 8 | | NAK01 |
| 2001 02 24.98 | d | k | 16.5 | LB | 35 | L | 5 | a540 | 0.25 | | | | HOR02 | |
| 2001 02 28.00 | d | k | 16.3 | LB | 35 | L | 5 | a540 | 0.25 | | | | HOR02 | |
| 2001 03 13.54 | | | | C | 17.1 | GA | 60.0 | Y | 6 | a120 | 0.25 | 8 | | NAK01 |
| 2001 03 26.50 | | | | C | 17.3 | GA | 60.0 | Y | 6 | a120 | 0.3 | | | NAK01 |
| 2001 04 13.49 | ! | k | 17.9 | LA | 103.0 | C | 4 | a240 | 0.2 | | 0.2m | 190 | ORI | |
| 2001 04 19.49 | | | | C | 18.0 | GA | 60.0 | Y | 6 | a240 | 0.25 | 8/ | | NAK01 |

Comet P/1998 S1 (LINEAR-Mueller)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. | |
|---------------|---|----|------|----|-------|---|-------|------|------|------|------|-----|----------|-------|
| 2001 01 23.42 | | | | k | 19.8 | L | 226.0 | C | 2 | a480 | 0.20 | 8 | 14 s 312 | HER02 |
| 2001 02 22.79 | ! | k | 19.4 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.3m | 300 | ORI | |
| 2001 02 26.71 | ! | k | 19.7 | LA | 103.0 | C | 4 | a240 | 0.15 | | | 300 | ORI | |

Comet P/1998 U4 (Spahr)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. | |
|---------------|---|----|------|----|------|---|-------|-----|------|------|------|----|----------|-------|
| 2001 01 23.41 | | | | k | 20.0 | L | 226.0 | C | 2 | a120 | 0.16 | 8 | 67 s 268 | HER02 |

Comet P/1999 WJ_7 (Korlević)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. | |
|---------------|---|----|------|----|------|----|------|-----|------|------|------|----|----------|-------|
| 2000 12 21.72 | | | | C | 17.1 | TJ | 18.0 | L | 6 | a120 | 0.3 | | 1.0m 295 | KAD02 |
| 2001 01 01.74 | | | | C | 16.6 | TJ | 18.0 | L | 6 | a180 | 0.3 | | 0.7m 296 | KAD02 |
| 2001 02 16.74 | | | | C | 15.7 | TJ | 18.0 | L | 6 | a180 | 0.35 | | 1.3m 300 | KAD02 |
| 2001 02 19.62 | | | | C | 16.0 | GA | 60.0 | Y | 6 | a240 | 0.5 | | 3.5m 294 | NAK01 |
| 2001 02 22.75 | | | | C | 15.9 | TJ | 18.0 | L | 6 | a180 | 0.3 | | 0.7m 297 | KAD02 |
| 2001 02 25.50 | | | | C | 16.2 | TJ | 18.0 | L | 6 | a180 | 0.35 | | 0.5m 304 | KAD02 |
| 2001 03 15.58 | | | | C | 16.4 | GA | 60.0 | Y | 6 | a120 | 0.5 | | 2.8m 293 | NAK01 |
| 2001 03 18.51 | | | | C | 16.6 | TJ | 18.0 | L | 6 | a240 | 0.3 | | 0.6m 302 | KAD02 |
| 2001 03 26.48 | x | | | C | 16.3 | HS | 35.0 | C | 14 | a960 | | | | TSU02 |
| 2001 04 16.52 | x | | | C | 16.8 | TT | 35.0 | C | 14 | a240 | 0.25 | 3 | | TSU02 |
| 2001 04 26.55 | | | | C | 16.8 | GA | 60.0 | Y | 6 | a120 | 0.4 | | | NAK01 |

Comet P/1999 XN_120 (Catalina)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|--------|-----|-------|----|-----|------|----|------|----|-------|
| 2001 02 13.38 | | | | k[22.0 | L | 154.0 | C | 9 | a300 | | | | HER02 |

Comet P/2000 C1 (Hergenrother)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|----|-------|
| 2000 05 26.89 | | C | 17.8 | HS | 35.0 | M | 4 | a120 | 0.2 | | | | CHEO3 |
| 2000 06 01.91 | | C | 18.0: | HS | 35.0 | M | 4 | a 90 | | | | | CHEO3 |
| 2000 06 05.88 | | C[| 18.2 | HS | 35.0 | M | 4 | a 90 | | | | | CHEO3 |

Comet P/2000 R2 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.11 | | k[| 22.0 | L | 154.0 | C | 9 | A200 | | | | | HERO2 |

Comet P/2000 U6 (Tichý)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|------|----|-------|---|----|------|------|----|------|----|-------|
| 2001 02 13.19 | | k | 21.0 | L | 154.0 | C | 9 | a900 | 0.07 | 8/ | | | HERO2 |

Comet P/2000 Y3 (Scotti)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|-------|---|----|------|------|----|------|-------|-------|
| 2000 12 31.95 | | C | 18.1 | TI | 60.0 | D | 2 | a180 | 0.0 | 9 | 20 | s 270 | SAR02 |
| 2001 01 01.44 | | C | 17.9 | GA | 40.0 | L | 6 | a240 | 0.2 | | | | AKA |
| 2001 01 03.69 | | C | 18.1: | HS | 18.0 | L | 6 | a300 | 0.2 | | | | KAD02 |
| 2001 01 06.48 | | C | 18.0 | GA | 40.0 | L | 6 | a240 | 0.15 | | | | AKA |
| 2001 01 21.54 | | C | 17.8: | TJ | 18.0 | L | 6 | a300 | 0.25 | | | | KAD02 |
| 2001 01 21.57 | | C | 17.7 | GA | 60.0 | Y | 6 | a240 | 0.25 | 8 | | | NAK01 |
| 2001 02 13.26 | | k | 18.1 | L | 154.0 | C | 9 | a600 | 0.10 | 8 | 39 | s 265 | HERO2 |
| 2001 02 19.54 | | C | 17.6 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | 270 | NAK01 |
| 2001 03 15.52 | | C | 18.3 | GA | 60.0 | Y | 6 | a240 | 0.3 | | | | NAK01 |
| 2001 04 19.47 | | C | 18.5 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | | NAK01 |

Comet P/2001 BB_50 (LINEAR-NEAT)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|------|---|----|------|------|----|------|-----|-------|
| 2001 03 31.67 | | a | C 16.8 | GA | 60.0 | Y | 6 | a240 | 0.55 | | 0.8m | 305 | NAK01 |
| 2001 04 01.67 | | C | 17.3 | TJ | 18.0 | L | 6 | a240 | 0.2 | | | | KAD02 |

Comet P/2001 CV_8 (LINEAR)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|-------|----|------|---|----|------|------|----|------|-----|-------|
| 2001 02 14.75 | | C | 17.3 | TJ | 18.0 | L | 6 | a300 | 0.15 | | | | KAD02 |
| 2001 02 16.76 | | C | 17.5 | TJ | 18.0 | L | 6 | a300 | 0.15 | | | | KAD02 |
| 2001 02 19.65 | | C | 17.9 | GA | 60.0 | Y | 6 | a120 | 0.3 | | | | NAK01 |
| 2001 02 26.71 | | C | 17.5 | GA | 60.0 | Y | 6 | a120 | 0.4 | | | 300 | NAK01 |
| 2001 03 15.59 | | C | 17.4 | GA | 60.0 | Y | 6 | a240 | 0.5 | | | | NAK01 |
| 2001 03 18.54 | | C | 17.5: | TJ | 18.0 | L | 6 | a240 | 0.2 | | | | KAD02 |

Comet P/2001 F1 (NEAT)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|-------|---|----|------|------|----|------|-----|-------|
| 2001 03 31.66 | | C | 18.6 | GA | 60.0 | Y | 6 | a240 | 0.25 | | 0.5m | 286 | NAK01 |
| 2001 04 01.73 | | ! | k 18.4 | LA | 103.0 | C | 4 | a240 | 0.25 | | 0.5m | 280 | ORI |
| 2001 04 19.49 | | C | 18.1 | GA | 40.0 | L | 6 | a180 | 0.2 | | | | AKA |
| 2001 04 19.64 | | C | 18.4 | GA | 60.0 | Y | 6 | a240 | 0.25 | | | | NAK01 |

Comet P/2001 H5 (NEAT)

| DATE (UT) | N | MM | MAG. | RF | AP. | T | F/ | PWR | COMA | DC | TAIL | PA | OBS. |
|---------------|---|----|--------|----|------|---|----|------|------|----|------|-----|-------|
| 2001 04 26.63 | | x | C 17.4 | HV | 60.0 | Y | 6 | a240 | 0.3 | | | 320 | NAK01 |

DESIGNATIONS OF RECENT COMETS

Listed on this page and the next, for handy reference, are the last 35 comets to have been given designations in the new system. The name, preceded by a star (*) if the comet was a new discovery (compared to a recovery from predictions of a previously-known short-period comet) or a # if a re-discovery of a 'lost' comet. Also given are such values as the orbital period (in years) for periodic comets, date of perihelion, T (month/date/year), and the perihelion distance (q , in AU). Four-digit numbers in the last column indicate the *IAU Circular* (4-digit number) containing the discovery/recovery or permanent-number announcement.

Not included below are numerous recently-discovered comets observed only with the SOHO spacecraft — and seen only close to the sun with the SOHO instruments — that are presumed to be Kreutz sungrazers that are no longer in existence [see the list and references in the October 2000 issue (p. 149)]; recent such SOHO discoveries were reported on *IAUC* 7548, 7558, 7560, 7562, 7565, 7567, 7572, 7573, 7580, 7582, 7601, 7606, 7612, 7613, 7631, 7634, 7641, 7642, 7646, 7650, and 7655, and include comets C/1996 L1; C/1997 B3, K7, M5, S3, and W3; C/1998 B2, U6, V2, V3, V4, V5, V6, V7, W4, W5, W6, X9, X10, and X11; C/2000 A2, H3, H4, H5, J6, J7, K7, K8, L6, N3, W2, W3, W4, W5, X1, X2, X3, X4, X5, X6, X7, X8, Y4, Y5, Y8, and Y9; and C/2001 A3, A4, B3, C2, C3, C4, C6, F2, G2, G3, H1, H2, H3, H4, H6, H7, J2, J3, J4, K2, K4, K6, K7, K8, K9, L1, L2, L3, L4, L5, L6, L7, L8, L9, M2, M3, M4, M5, M6, M7, M8, and M9. SOHO comets C/2000 Y6 and C/2000 Y7 appear to be two components of an earlier single non-Kreutz comet (*IAUC* 7567); also, SOHO comets C/2001 C5 (*IAUC* 7585) and C/2001 E1 (*IAUC* 7613) do not appear to be of the Kreutz sungrazing type.

[This list updates that in the October 2000 issue, p. 149. For explanation regarding new usage of 'C/' instead of 'P/' for intermediate-period comets, see editorial note on page 2 of the January 2000 issue.]

| | <i>New-Style Designation</i> | <i>P</i> | <i>T</i> | <i>q</i> | <i>IAUC</i> |
|---|---|----------|----------|----------|-------------|
| # | 145P/2000 R1 (Shoemaker-Levy) | 8.7 | 8/17/00 | 1.99 | 7488 |
| * | P/2000 R2 (LINEAR) | 6.1 | 9/12/00 | 1.39 | 7492 |
| * | P/2000 S1 (Skiff) | 16.9 | 7/14/00 | 2.5 | 7496 |
| # | 146P/2000 S2 (Shoemaker-LINEAR) | 7.9 | 7/14/00 | 1.32 | 7498 |
| * | C/2000 S3 (LONEOS) | 39.9 | 7/16/00 | 2.66 | 7501 |
| * | P/2000 S4 (LINEAR-Spacewatch) | 19.0 | 10/19/00 | 2.27 | 7502 |
| * | C/2000 SV ₇₄ (LINEAR) | | 4/30/02 | 3.5 | 7510 |
| # | 148P/2000 SO ₂₅₃ (Anderson-LINEAR) | 7.05 | 5/1/01 | 1.69 | 7524 |
| | 147P/2000 T2 (Kushida-Muramatsu) | 7.4 | 4/29/01 | 2.75 | 7507 |
| * | C/2000 U5 (LINEAR) | | 3/12/00 | 3.48 | 7515 |
| * | P/2000 U6 (Tichý) | 7.4 | 10/4/00 | 2.15 | 7515 |
| * | C/2000 W1 (Utsunomiya-Jones) | | 12/26/00 | 0.32 | 7526 |
| * | C/2000 Y1 (Tubbiolo) | | 2/2/01 | 8.0 | 7544 |
| * | C/2000 WM ₁ (LINEAR) | | 1/22/02 | 0.56 | 7546 |
| * | C/2000 Y2 (Skiff) | | 3/21/01 | 2.77 | 7549 |
| * | P/2000 Y3 (Scotti) | 11.4 | 11/1/00 | 4.05 | 7552 |
| * | C/2001 A1 (LINEAR) | | 9/17/00 | 2.41 | 7561 |
| * | C/2001 A2 (LINEAR) | | 5/24/01 | 0.78 | 7564 |
| * | C/2001 B1 (LINEAR) | | 9/19/00 | 2.93 | 7570 |
| * | C/2001 B2 (NEAT) | | 9/1/00 | 5.3 | 7572 |
| | 149P/2000 Y10 (Mueller) | 9.0 | 2/7/01 | 2.65 | 7577 |
| * | C/2001 C1 (LINEAR) | | 3/28/02 | 5.1 | 7578 |
| * | P/2001 CV ₈ (LINEAR) | 7.64 | 2/12/01 | 2.15 | 7581 |
| * | 150P/2000 WT ₁₆₈ (LONEOS) | 7.66 | 3/23/01 | 1.76 | 7584 |
| * | P/2001 BB ₅₀ (LINEAR-NEAT) | 13.5 | 1/30/01 | 2.35 | 7601 |
| * | P/2001 F1 (NEAT) | 16.4 | 11/21/00 | 4.15 | 7604 |
| * | C/2001 G1 (LONEOS) | | 10/2/01 | 8.2 | 7606 |
| * | P/2001 H5 (NEAT) | 14.7 | 1/28/01 | 2.40 | 7613 |
| * | P/2001 J1 (NEAT) | 7.64 | 3/14/01 | 0.94 | 7623 |
| * | C/2001 HT ₅₀ (LINEAR-NEAT) | | 7/8/03 | 2.80 | 7624 |
| * | P/2001 K1 (NEAT) | 7.54 | 11/6/00 | 2.47 | 7629 |
| * | C/2001 K3 (Skiff) | | 4/22/01 | 3.06 | 7631 |
| * | C/2001 K5 (LINEAR) | | 10/12/02 | 5.18 | 7634 |
| | 151P/2001 M1 (Helin) | 14.1 | 9/23/01 | 2.53 | 7648 |
| * | C/2001 M10 (NEAT) | 138 | 6/20/01 | 5.29 | 7654 |