INTERNATIONAL COMET QUARTERLY

Whole Number 138 | APRIL 2006 | Vol. 28, No. 2

SMITHSONIAN ASTROPHYSICAL OBSERVATORY
60 Garden Street · Cambridge, MA 02138 · U.S.A.

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 (now in odd-numbered years); the *ICQ* is also indexed in *Astronomy and Astrophysics Abstracts* and in *Science Abstracts Section A*.

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Group subscription rates available upon request. Back issues are $10.00 each — *except* for "current" *Comet Handbooks*, which are available for $15.00 ($10.00 to subscribers if ordered with their *ICQ* subscription; see above). Up-to-date information concerning comet discoveries, orbital elements, and ephemerides can be obtained by subscribing to the *IAU Circulars* and/or the *Minor Planet Circulars* (via postal mail and also available via computer access); for further information, contact the above e-mail address (or the *ICQ* at the above postal address).

Manuscripts will be reviewed/refereed for possible publication; authors should first obtain a copy of "Information and Guidelines for Authors" from the *ICQ* website or from the Editor. Cometary observations should be sent to the Editor in Cambridge; again, see the *ICQ* website or contact the Editor for the proper format. Those who can send observational data (or manuscripts) in machine-readable form are encouraged to do so [especially through e-mail via the Internet (ICQ@CFA.HARVARD.EDU)]. 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.

Most of the Observation Coordinators (OCs) listed below have e-mail contacts with the *ICQ* Editor; observers in the general area of such OCs who lack access to e-mail networks may send data to the OC for relay to the *ICQ* in electronic form.

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This issue is No. 138 of the publication originally called *The Comet* (founded March 1973) and is Vol. 28, No. 2, of the *ICQ*. *[ISSN 0736-6922]*

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FROM THE EDITOR

After some searching, we have found a printer to replace the SAO Print Shop (see my editorial in the January issue). While this delayed the issuing of this April issue, as expected, it is hoped that we will get back on schedule in the next several months. — *D.W.E.G.*

Koichiro Tomita (1925-2006)

Koichiro Tomita passed away on 2006 May 22. In fact, he had been failing in health and bedridden for almost two years, following a long, active life as an astronomical observer. He left his wife and two sons.

Tomita was born on 1925 February 14 in Tokyo, and, after finishing a 5-year middle school, he was employed by the Astronomical Department at the University of Tokyo in 1942. Even during the days when he was a young boy, he attended meetings organized by Shigeru Kanda for amateur astronomers. He entered a technical school to study civil engineering. However, after finishing its three-year course, Tomita started to work at Tokyo Astronomical Observatory in Mitaka in 1947 under Dr. H. Hirose and with Mr. Shigeru Kaho, co-discoverer of comet C/1936 O1 (Kaho-Kozik-Lis) in 1936. I joined this group four years later. Tomita once wrote that he obtained a job at the Observatory following the suggestion of his elder sister, whose name he proposed as one of of the nine numbered minor planets that he discovered.

Hirose was engaged in computations of ephemerides, the identification of minor planets, astrometric observations of comets and asteroids, simultaneous observations of meteors by two cameras, and so on. Hirose also had an idea to connect the Japanese geodetic system (which was then isolated from the worldwide system) by observing lunar occultations. And simultaneous observations at two stations 100 km apart, in order to measure their mutual distance, were started in 1950s. Tomita soon became the leading member of Hirose's observation program. The occultation program was replaced by satellite observations after the Sputnik I satellite was launched in 1957. In the spring of 1958, a Baker-Nunn camera was delivered to Mitaka, and Tomita played a leading role in setting it up and making observations.

In the early 1960s, two new branch stations of the Tokyo Astronomical Observatory were dedicated: the Okayama Astrophysical Observatory in 1960, with 188-cm and 91-cm reflectors, and the Dodaira Observatory in 1962, with a 91-cm reflector. Tomita became a main observer with these telescopes, and his activity involving comet observations increased. In 1964, he discovered comet C/1964 L1 (Tomita-Gerber-Honda), and he recovered 13 periodic comets during 1957-1968. The Baker-Nunn camera was also moved a branch station, and in the 1970s a laser ranging device for satellites was developed by Tomita.

In the winter of 1977, Tomita visited the Centre d'Études et de Recherches en Géodynamique et Astrométrie (CERGA) in France and made minor-planet observations with its Schmidt telescope — discovering nine minor planets that were later numbered, one of which was named after CERGA. Tomita wrote many books and articles — particularly articles in the monthly magazine *Tenmon Guide* to popularize astronomy.

In later years, Tomita frequently attended international meetings, particularly the IAU General Assemblies. He left the Tokyo Astronomical Observatory in 1985, as the retirement age there was 60 years; he found a job at a laboratory associated with space science and worked there for nearly 20 years.

Astronomers at the Tokyo Observatory, as well as amateur astronomers who received his advice on observations and telescopes directly or by reading his articles, will miss him very much.

Yoshihide Kozai

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CORRIGENDA

- In the 2006 Comet Handbook, page H162, *for* 73D/Kohoutek *read* 75D/Kohoutek

The following are all from the January 2006 issue:

- page 4, paragraph 2, line 13, *for* in significantly in *read* significantly in
- page 5, paragraph 1, last line , *for* 1993 from *read* 1993
- page 5, paragraph 4, line 6, *for* period 15 years *read* period of 15 years
- page 6, line 4, *for* forcing *read* causing
- page 6, paragraph 3, line 4, *for* 20-inch-apertur *read* 20-inch-aperture
- page 7, first paragraph, lines 3-4, *for* ireached . . . dust shell *read* reached . . . dust shells
- page 8, paragraph 4, line 2, *for* every seen *read* ever seen
- page 8, paragraph 4, lines 12-13, *for* with the SWAS instruments in 9P *read* in 9P with the SWAS instruments
- page 10, paragraph 3, line 5, *for* that there the *read* that the

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Photometry of Deep-Sky Objects

The previous batch of photometry of *ICQ*-recommended deep-sky objects appeared in the Jan. issue, pp. 14-17.

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

◇ *NGC 936* ⟹ 2005 Dec. 26.50: *GUIDE 8.0* software used for comp.-star mags; $B-V$ of comp. star was +0.34 [TSU02].

◇ *NGC 3031 = M81* ⟹ 2005 Dec. 11.25: size 15′ × 8′; estimates during Dec. 10-11 made from the Cantabrian Mountains, Asturias, Leon, Spain [GON05].

◇ *NGC 3623 = M65* ⟹ 2005 Dec. 10.19: size 6′ × 2′ [GON05].

◇ *NGC 3627 = M66* ⟹ 2005 Dec. 10.20: size 6′ × 3′ [GON05].

◇ *NGC 4406 = M86* ⟹ 2005 Dec. 11.24: size 7′ × 5′ [GON05].

◇ *NGC 4594 = M104* ⟹ 2005 Dec. 3.24: size 6′ × 3′ [GON05]. Dec. 10.23: size 7′ × 4′ [GON05].

◇ *NGC 5236* ⟹ 2005 Dec. 3.25: alt. 5°; comp. stars at the same low alt. as the galaxy [GON05]. Dec. 10.25: alt. 8° [GON05]. Dec. 11.26: alt. 10° [GON05].

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Visual Data

NGC 1068

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 10.10		M	9.2	TK	10.0	B		25	4	7			GON05

NGC 1952

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 10.18		S	8.3	TK	8.0	B		11	5	2/			GON05

NGC 2068

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 10.17		S	8.1	TK	8.0	B		11	5	2			GON05

NGC 3031

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.25		M	7.4	TK	10.0	B		25	15	6			GON05

NGC 3623

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 10.19		M	9.3	TK	10.0	B		25	6	5			GON05

NGC 3627

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 10.20		M	9.1	TK	10.0	B		25	6	6			GON05

NGC 4147

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.21		M	10.0	TK	10.0	B		25	4	6			GON05

NGC 4374

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.23		M	9.8	TK	10.0	B		25	5	6			GON05

NGC 4406

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.24		M	9.5	TK	10.0	B		25	7	6			GON05

NGC 4486

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.22		M	9.3	TK	10.0	B		25	5	6/			GON05

NGC 4594

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 03.24		M	8.9	TK	10.0	B		25	6	6			GON05
2005 12 10.23		M	8.5	TK	8.0	B		11	7	6			GON05

NGC 4649

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.22		M	9.2	TK	10.0	B		25	7	6			GON05

NGC 5024

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.20		M	7.6	TK	8.0	B		11	8	7			GON05

NGC 5236

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 03.25		S	7.5	TK	10.0	B		25	7	4			GON05
2005 12 10.25		S	7.4	TK	8.0	B		11	10	3			GON05
2005 12 11.26		S	7.4	TK	10.0	B		25	8	3			GON05

NGC 5272

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 11.19		M	6.3	TK	8.0	B		11	10	7			GON05
2005 12 11.27		M	6.5	TK	10.0	B		25	7	7			GON05

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CCD Data

NGC 936

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 26.50	axC		10.3	HV	35.0C	10	a	90					S 3.99m	KAIaSI4		5		ST2	TSU02

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Tabulation of Comet Observations

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

See the July 2001 issue (page 98) for explanations of the abbreviations used in the descriptive information.

◇ *Comet 9P/Tempel* ⟹ 2005 May 11.96: slightly enhanced w/ a Lumicon Swan Band Filter [MEY]. June 2.85: *Guide 7.0* software used for comp.-star mags [SAN07]. July 3.90: w/ 20.3-cm T (160×), central cond. of mag 14.3; obs. during July 1-10 made from Pico-Veleta, Spain (elevation 2900 m) under good conditions [BIV]. July 4.93: w/ 20.3-cm T (160×), central cond. of mag 14.4; brighter inner coma of dia. 1′.5 [BIV]. July 5.90: w/ 20.3-cm T (160×), central cond. of mag 14.3; larger coma of dia. 5′ [BIV].

◇ *Comet 10P/Tempel* ⟹ 2005 Dec. 29.62: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.52 and +0.67 [OHS].

◇ *Comet 21P/Giacobini-Zinner* ⟹ 2006 Jan. 3.65: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.56$ [TSU02].

◇ *Comet 29P/Schwassmann-Wachmann* ⟹ 2005 Aug. 28.96: fan-shaped coma w/ stellar cond. [HOR02]. Aug. 30.95: fan-shaped coma; faint, wide tail [HOR02]. Sept. 1.96: star of mag 13.0 only 0′.8 from central cond. [SRB]. Sept. 6.91: star of mag 10.2 only 1′.0 from central cond. [SRB]. Sept. 7.93: star of mag 12.1 only 0′.8 from central cond.; early phase of an outburst [SRB]. Sept. 8.93: outburst [HOR02]. Sept. 8.93 and Oct. 30.80: impossible to do photometry in larger apertures due to bright stars in outer coma [HOR02]. Sept. 23.90 and Oct. 19.80: moonlight [SRB]. Oct. 7.90: asymmetric coma [SRB]. Oct. 9.92: star of mag 10.2 only 0′.8 from central cond. [SRB]. Oct. 10.84 and 11.85: dense star field [SRB]. Oct. 10.84: star of mag 8.8 only 2′.1 from central cond. [SRB]. Oct. 11.85: star of mag 9.0 only 1′.5 from central cond. [SRB]. Oct. 27.76: spindle appearance of coma; bright stellar nuclear cond. [HOR02]. Oct. 27.82: possible tail > 4′ long in p.a. 214° [SRB]. Oct. 29.88: star of mag 13.1 only 0′.8 from central cond. [SRB]. Nov. 8.82: star of mag 14.3 only 1′.1 from central cond. [SRB]. Nov. 9.75: star of mag 13.2 only 1′.3 from central cond. [SRB]. Nov. 27.50: comp. star has $B-V = +0.56$ [TSU02]. Nov. 27.50, 2006 Jan. 3.56, and Feb. 23.45: *Guide 8.0* software used for comp.-star mags [TSU02]. 2005 Dec. 2.62: $B-V$ values of comp. stars were +0.56 and +0.63 [YOS02]. Dec. 2.62 and 2006 Jan. 21.55:

Guide 8.0 software used for comp.-star mags [YOS02]. 2006 Jan. 3.56: comp. star has $B-V = +0.58$ [TSU02]. Jan. 8.42: close to the half moon [YOS04]. Jan. 9.72: moonlight and haze [SRB]. Jan. 21.55: $B-V$ values of comp. stars were +0.48 and +0.56 [YOS02]. Jan. 28.48: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.69, +0.69, and +0.74 [OHS]. Feb. 23.45: comp. star has $B-V = +0.54$ [TSU02]. Feb. 27.43: "because of thin clouds" and haze, "no faint stars were visible" [YOS04]. Mar. 2.79: a star of mag 13.4 only 1'.0 from central cond. [SRB].

◇ *Comet 32P/Comas Solá* ⟹ 2006 Jan. 8.85: w/ 0.25-m *f*/5 L (+ CCD), comet unexpectedly bright at total mag 18.3, coma dia. 0'.25; hint of a tail to the NW; all magnitudes based upon Tycho-2 Catalogue; astrometry submitted to MPC under obs. code 349 [KAD02]. Jan. 27.84: total mag ≈ 15.7, dia. 0'.45, almost-stellar central cond. (nearing a bright star) [KAD02]. Jan. 28.85: total mag 15.8, dia. 0'.5, almost-stellar central cond., no tail [KAD02]. Feb. 4.84: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.76 and +0.78 [YOS02].

◇ *Comet 37P/Forbes* ⟹ 2005 Nov. 9.70: star of mag 13.6 at the position of the comet [SRB]. Nov. 24.39: comp. star has $B-V = +0.54$ [TSU02]. Nov. 24.39 and 25.43: *Guide 8.0* software used for comp.-star mags [TSU02]. Nov. 25.43: comp. star has $B-V = +0.54$ [TSU02].

◇ *Comet 41P/Tuttle-Giacobini-Kresák* ⟹ 2006 Apr. 28.94: mountain location, clear sky; motion checked during a 30-min period [GON05].

◇ *Comet 60P/Tsuchinshan* ⟹ 2005 Nov. 30.70: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. star were +0.53, +0.58, +0.63, +0.79, and +0.87 [OHS]. 2006 Mar. 20.57: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.58$ [TSU02].

◇ *Comet 65P/Gunn* ⟹ 2005 Dec. 29.58: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.52 and +0.67 [OHS].

◇ *Comet 71P/Clark* ⟹ 2006 Jan. 7.77: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.64, and +0.89 [OHS]. Jan. 28.85: $B-V$ values of comp. stars were +0.57 and +0.67 [YOS02]. Jan. 28.85, Feb. 4.85, and Mar. 30.77: *Guide 8.0* software used for comp.-star mags [YOS02]. Feb. 4.85: $B-V$ values of comp. stars were +0.56 and +0.86 [YOS02]. Mar. 30.77: $B-V$ values of comp. stars were +0.80 and +0.82 [YOS02]. Mar. 31.78: poor sky conditions (a bit hazy) [YOS04].

[text continued on page 49]

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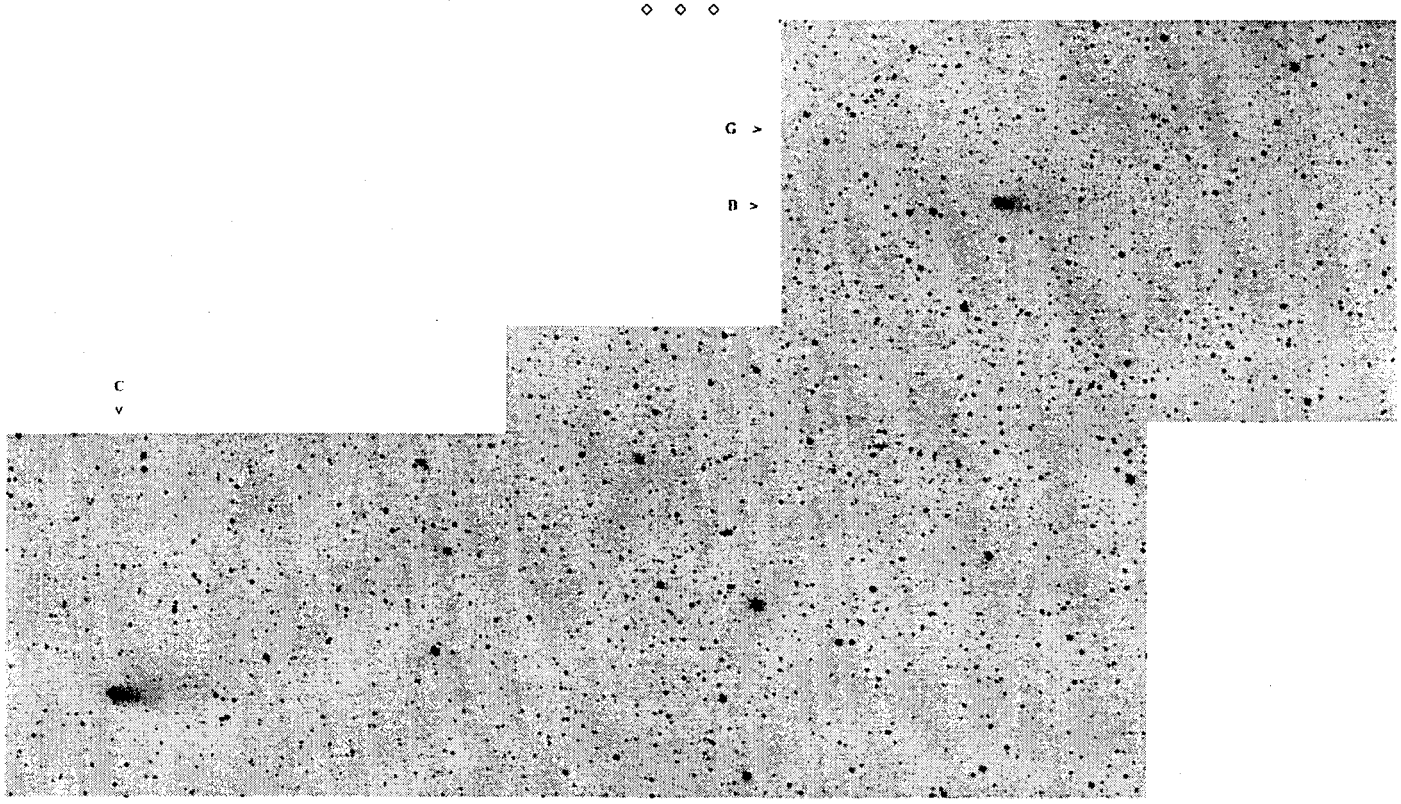
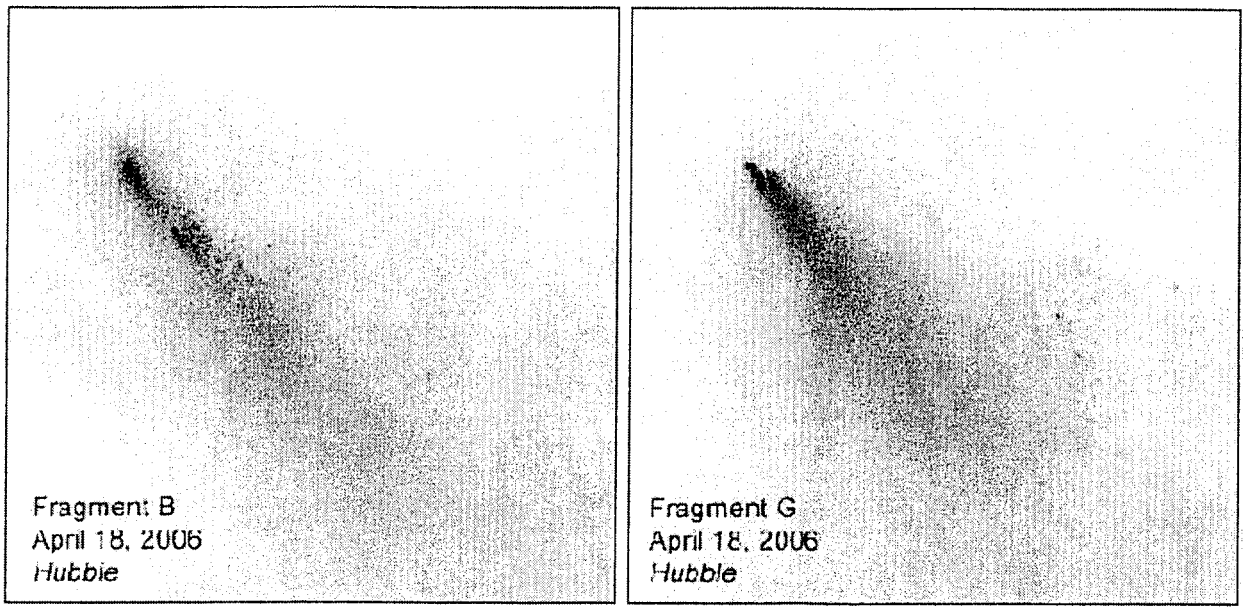


Mosaic of CCD images of comet 73P taken during 2006 Mar. 24.00-24.02 UT with a 25.4-cm Schmidt camera (focal length 380 mm) by Michael Jäger and G. Rhemann. Components 'C', 'B', and 'G' are labelled from left to right, with 'C' considered the primary component.

◇ *Comet 73P/Schwassmann-Wachmann [comp. C]* ⟹ 2005 Nov. 30.75: $B-V$ values of comp. stars were +0.58, +0.61, +0.63, +0.79, and +0.87 [OHS]. Nov. 30.75, 2006 Mar. 4.77, 7.76, and 31.75: *Guide 8.0* software used for comp.-star mags [OHS]. 2005 Dec. 7.81: comp. star has $B-V$ = +0.67 [TSU02]. Dec. 7.81, 2006 Jan. 8.80, Feb. 9.84, 23.64, Mar. 20.75, Apr. 3.58, and 16.61: *Guide 8.0* software used for comp.-star mags [TSU02]. 2006 Jan. 4.19, 31.22, and Apr. 11.2: mountain location, very clear sky [GON05]. Jan. 4.19: limiting stellar mag 15.5; faint object, stellar appearance; motion checked during a 90-min period [GON05]. Jan. 8.80: comp. star has $B-V$ = +0.32 [TSU02]. Jan. 27.78: $B-V$ values of comp. stars were +0.73 and +0.87 [YOS02]. Jan. 27.78, 28.73, Feb. 4.82, Mar. 4.82, 24.82, 30.73, Apr. 5.76, 6.82, 19.79, and 21.51: *Guide 8.0* software used for comp.-star mags [YOS02]. Jan. 28.73: $B-V$ values of comp. stars were +0.48 and +0.85 [YOS02]. Jan. 31.22: limiting stellar mag 15.0; motion checked during a 60-min period [GON05]. Jan. 31.22, Feb. 4.24, 7.24: comp.-star mags taken from Henden photometry near GP Com [GON05]. Feb. 4.82: $B-V$ values of comp. stars were +0.68 and +0.69 [YOS02]. Feb. 9.84: comp. star has $B-V$ = +0.56 [TSU02]. Feb. 23.64: comp. star has $B-V$ = +0.50 [TSU02]. Feb. 27.68: "easy to see; in the excellent clear sky, the central cond. was very sharp" [YOS04]. Mar. 2.31: comp. stars have V = 12.85 and 13.35 [AMO01]. Mar. 4.77: $B-V$ values of comp. stars were +0.57 and +0.76 [OHS]. Mar. 4.82: $B-V$ values of comp. stars were +0.52 and +0.60 [YOS02]. Mar. 4.82: bright and clearly visible even through thin clouds [YOS04]. Mar. 5.61: strongly condensed w/ false nucleus [YOS04]. Mar. 7.32: comp. stars have V = 12.59 and 13.03 [AMO01]. Mar. 7.76: $B-V$ values of comp. stars were +0.65 and +0.69 [OHS]. Mar. 19.92: experimental measurement w/ short-focus camera lens (Helios 58-mm-f.l. *f*/4 lens) [SRB]. Mar. 20.75: comp. star has $B-V$ = +0.49 [TSU02]. Mar. 21.82, 23.80, 31.79, Apr. 3.79, 5.71, 20.69, and 21.49: *StellaNavigator* ver. 6.1 software used for comp.-star mags [NAG08]. Mar. 22.91: at 89×, faint broad tail visible, 6′ long in p.a. 245° [BOU]. Mar. 29.77, Apr. 2.57, and 8.76: *The Sky* ver. 5 software used for comp.-star mags [MIT]. Mar. 30.73: $B-V$ values of comp. stars were +0.54 and +0.64 [YOS02]. Mar. 31.66: broad tail; central cond. very strong, as before (stellar nuclear cond. clearly visible) [YOS04]. Mar. 31.75: $B-V$ values of comp. stars were +0.65, +0.84, +0.85 [OHS].

Apr. 1.91: obs. from Kestel, Alanya, Turkey [DIJ and BOU]. Apr. 3.58: comp. star has $B-V$ = +0.63 [TSU02]. Apr. 4.15: comp. stars have V = 9.97 ($B-V$ = +0.37) and V = 10.66 ($B-V$ = +0.53) [AMO01]. Apr. 5.81: w/ 20×125 B, total mag 10.0, coma dia. 3′, DC = 6 [NAK]. Apr. 6.10: component 'C' appeared somewhat fainter, but considerably less condensed, than component 'B' — yet nevertheless showed a false nucleus of 12th mag; both components were quite easily seen [GRA04]. Apr. 6.90, 7.95, and 8.87: moonlight [HOR02]. Apr. 7.10: slight enhancement w/ a Lumicon Swan Band Filter [MEY]. Apr. 7.10: "w/ 30-cm T, bright coma w/ conspicuous false nucleus of mag 12.0; broad dust tail easily visible (perhaps slightly curved towards W?)" [KAM01]. Apr. 8.11: w/ 30-cm T, moderately condensed coma w/ conspicuous false nucleus of mag 12.0; easily visible broad dust tail (slight curvature towards W again suspected) [KAM01]. Apr. 8.87, 19.82, 20.82, 22.81, and 24.84: elongated coma [HOR02]. Apr. 8.98: moonlight; brief obs., terminated by clouds [BOU and DIJ]. Apr. 9.07: comp. stars have V = 9.44 ($B-V$ = +0.35) and V = 9.80 ($B-V$ = +0.31); moonlight [AMO01]. Apr. 11.15: comp. stars have V = 9.19 ($B-V$ = +0.43) and 9.33 ($B-V$ = +0.63); moonlight [AMO01]. Apr. 11.2: strong moonlight [GON05]. Apr. 13.12: comp. stars have V = 8.84 ($B-V$ = +1.20) and 9.48 ($B-V$ = +1.53); moonlight [AMO01]. Apr. 13.97: moonlight; comp. stars have $B-V$ = +1.13 and +0.41 [SCA02]. Apr. 14.89: w/ 30-cm T, very condensed inner coma w/ a conspicuous central cond., surrounded by a more diffuse outer coma; tail faintly visible; at 167×, star-like false nucleus of mag 11.5; moonlight interfered [KAM01]. Apr. 15.82: strong central cond. [BAR06]. Apr. 15.89: also faintly visible in 7×50 B [GRA04]. Apr. 16.61: comp. star has $B-V$ = +0.53 [TSU02]. Apr. 17.54: outer coma very large (seems much larger than before); central cond. as strong as before in spite of the hazy sky conditions [YOS04]. Apr. 17.98: comet strongly condensed; tail broad and slightly curving northwards [BOU]. Apr. 18.05: comet fairly well seen in 7×50 B, its visibility comparable to the combined glow from M51 and NGC 5195 [GRA04]. Apr. 18.92: w/ 30-cm T, very condensed coma w/ a conspicuous central cond. and a diffuse outer coma; broad dust tail plainly visible; at 167×, star-like false nucleus of mag 11.5 [KAM01]. Apr. 19.07: w/ 10.0-cm R, a broad tail was visible (tab. length and p.a. are approximate); some twilight [GRA04]. Apr. 21.02: not too difficult to observe, despite α CrB in the same field [GRA04]. Apr. 21.08: comp. stars have V = 8.62 ($B-V$ = +0.78) and 8.84 ($B-V$ = +0.60) [AMO01]. Apr. 22.02: component 'C' quite easily seen w/ 7×50 B, in spite of its location < 1° from α CrB; it appeared somewhat fainter than M27, but brighter than the combined glow from M51 and NGC 5195 [GRA04]. Apr. 22.15: comp. stars have V = 8.49 ($B-V$ = +0.37) and 8.84 ($B-V$ = +0.60) [AMO01]. Apr. 23.12: comp. stars have V = 8.39 ($B-V$ = +1.32) and 8.84 ($B-V$ = +0.60) [AMO01]. Apr. 23.84: comp. star had V = 7.44, $B-V$ = +0.42 [SCA02]. Apr. 23.95: w/ 30-cm T, coma w/ conspicuous central cond.; broad dust tail easy to see; at 167×, star-like false nucleus of mag 11.5; at 75×, comp. 'C' has DC = s7, 0°.25 tail in p.a. 235° [KAM01]. Apr. 24.09: comp. stars have V = 8.06 ($B-V$ = +0.58) and 8.34 ($B-V$ = +1.11) [AMO01]. Apr. 25.02: comet not visible w/ 7×50 B; hazy sky [GRA04]. Apr. 25.83: comet close to star of mag 7.2 [HOR02]. Apr. 27.09: comp. stars have V = 7.64 ($B-V$ = +1.18) and 7.97 ($B-V$ = +0.99) [AMO01]. Apr. 28.03: "w/ 10.0-cm R, tail was broad and brighter than that of component 'B'; component 'C' appeared as an elongated glow w/ 7×50 B, the given total mag and "average" size referring to coma plus inner tail; I was not able to clearly distinguish the tail from coma w/ this instrument; the glow appeared clearly fainter than M13, but somewhat brighter than M81" [GRA04]. Apr. 29.08: comp. stars have V = 7.88 ($B-V$ = +0.21) and 8.71 ($B-V$ = +0.85) [AMO01]. Apr. 30.09: w/ 20×80 B, coma dia. 3′, DC = 4/ [DES01].

◇ *Comet 73P/Schwassmann-Wachmann [comp. B]* ⟹ 2006 Jan. 28.76: $B-V$ values of comp. stars were +0.48 and +0.85 [YOS02]. Jan. 28.76, Feb. 4.80, Mar. 4.77, 30.71, Apr. 5.78, 6.81, 19.80, and 21.53: *Guide 8.0* software used for comp.-star mags [YOS02]. Feb. 4.80: $B-V$ values of comp. stars were +0.68 and +0.69 [YOS02]. Feb. 27.68: near limit, hard to see [YOS04]. Mar. 4.77: $B-V$ values of comp. stars were +0.52 and +0.60 [YOS02]. Mar. 5.62: near limit due to the poor, hazy conditions [YOS04]. Mar. 8.20: comp.-star mags taken from Henden photometry near GP Com [GON05]. Mar. 20.73: comp. star has $B-V$ = +0.49 [TSU02]. Mar. 20.73, Apr. 3.55, and 16.59: *Guide 8.0* software used for comp.-star mags [TSU02]. Mar. 24.75: *MegaStar* ver. 5.0 software used for comp.-star mags [MUR02]. Mar.



CCD images of fragmenting components 'B' (left) and 'G' (right) of comet 73P as taken by the Hubble Space Telescope on 2006 Apr. 18. Courtesy of NASA, European Space Agency, H. Weaver (Applied Physics Laboratory, Johns Hopkins University), and M. Mutchler and Z. Levay (Space Telescope Science Institute).

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[text continued from page 48]

30.71: B–V values of comp. stars were +0.54 and +0.64 [YOS02]. Mar. 31.67: easy to see through a 40-cm L; the central cond. of comp. 'B' is not as sharp as that of component 'C'; no stellar cond. was visible [YOS04]. Mar. 31.76: *Guide 8.0* software used for comp.-star mags; B–V values of comp. stars were +0.65, +0.84, and +0.85 [OHS]. Apr. 2.86: outburst [HOR02]. Apr. 2.95: comet in outburst [BAR06]. Apr. 3.16: component 'B' in outburst; near-stellar central cond. of mag ~ 11.2 w/ wide, faint halo [GON05]. Apr. 3.55: comp. star has B–V = +0.63 [TSU02]. Apr. 3.95: CCD frames taken with a 45-cm f/5.5 reflector confirm a reported outburst of at least 3 mag (current mag < 10) w/ an asymmetric coma; a plume-like structure seen at p.a. 330° w/ Steve Larson filtering set-up [Paolo Corelli, Pagnacco, Italy]. Apr. 4.15: comp. stars have V = 10.17 (B–V = +0.44) and 10.58 (B–V = +0.71) [AMO01]. Apr. 5.72: *StellaNavigator* ver. 6.1 software used for comp.-star mags [NAG08]. Apr. 5.81: w/ 20×125 B, total mag 9.5, coma dia. 2′.5, DC = 7 [NAK]. Apr. 6.10: an apparently stellar nuclear cond. (of mag 11.1 w/ 20.3-cm f/10 T, 83×; ref = TK) surrounded by a bright inner coma and a faint, diffuse outer coma [GRA04]. Apr. 6.10: comet appeared like a fuzzy star with a faint and wide outer halo w/ ill-defined boundaries [MEY]. Apr. 6.88, 7.93, and 8.84: moonlight [HOR02]. Apr. 7.11: quite enhanced w/ a Lumicon Swan Band Filter [MEY]. Apr. 7.11: w/ 30-cm T, bright, very condensed coma w/ conspicuous false nucleus of mag 11.5; smaller but w/ a higher surface brightness than component 'C'; broad dust tail significantly fainter than that of comp. 'C' [KAM01]. Apr. 8.12: w/ 30-cm T, slightly less condensed than yesterday, but still brighter and exhibiting a higher surface brightness than comp. 'C'; conspicuous false nucleus of mag 11.5; dust tail fainter than that of component 'C' [KAM01]. Apr. 8.75: *The Sky* ver. 5 software used for comp.-star mags [MIT]. Apr. 8.84, 19.84, and 20.83: elongated coma [HOR02]. Apr. 9.07: comp. stars have V = 9.28 (B–V = +0.57) and 9.62 (B–V = +0.50); moonlight [AMO01]. Apr. 9.84: two central condensations; possible disruption of component 'B' [BAR06]. Apr. 11.15: comp. stars have V = 9.11 (B–V = +0.62) and 9.66 (B–V = +0.53); moonlight [AMO01]. Apr. 11.2: strong moonlight; mountain location, very clear sky [GON05]. Apr. 13.97: moonlight; comp. stars have B–V = +1.13 and +0.41 [SCA02]. Apr. 14.87: w/ 30-cm T (75×), significantly elongated, diffuse coma; at 115×, coma of size 1′.6 × 0′.7 w/ a cond. at the NW tip; at 167× and 242×, this cond. showed a star-like false nucleus of mag 13.0 at the NW tip and a very diffuse boundary towards SE; moonlight interfered [KAM01]. Apr. 14.98: much less condensed than on Apr. 6.10 [GRA04].

Apr. 15.82: head and tail cone-shaped, w/ the W side of the dust tail curved counterclockwise [BAR06]. Apr. 16.59: comp. star has B–V = +0.53 [TSU02]. Apr. 17.54: sky very hazy; easy object but diffuse; surely fainter than component 'C' [YOS04]. Apr. 17.99: comet still somewhat condensed, but no strong central cond. as in fragment 'C' [BOU]. Apr. 18.05: object faintly, but definitely, seen w/ 7×50 B; obs. of components 'B' and 'C' obtained under a clear and transparent sky [GRA04]. Apr. 18.93: "w/ 30-cm T, very elongated bright inner coma surrounded by a diffuse coma of size 2′.7 × 1′.2; rather faint broad dust tail; at 167×, small bright knot of material at the NE tip of the cigar-shaped bright inner coma; at 333×, I suspected a second knot ~ 5″-10″ from the first knot" [KAM01]. Apr. 19.07: more challenging to see than on Apr. 18.05 due to a brighter sky (sun 13°-14° below horizon) [GRA04]. Apr. 21.03: faint in 7×50 B; fairly easily seen w/ the larger instrument [GRA04]. Apr. 21.51: *StellaNavigator* ver. 6.1 software used for comp.-star mags [NAG08]. Apr. 22.02: component 'B' appeared larger and of somewhat higher surface brightness than M97 [GRA04]. Apr. 23.14: comp. star has V = 9.47 (B–V = +0.48) [AMO01]. Apr. 23.87: comp. star had V = 10.55, B–V = +1.05 [SCA02]. Apr. 23.92: w/ 30-cm T (75×), cigar-shaped inner coma of size 2′, surrounded by a much more diffuse coma of size 6′ × 2′; broad dust tail fainter than that of component 'C'; at 242×, two distinct knots of material recognizable,

w/ the E one showing a star-like false nucleus of mag 14.5 [KAM01]. Apr. 24.26: *BVRI* images taken with the European Southern Observatory's Very Large Telescope (Kueyen telescope + FORS1 Cassegrain instrument; field-of-view 7′ × 7′, pixel size 0″.2; airmass 1.75, seeing 1″.5) at Cerro Pararnal in Chile "clearly show that the fragment freshly released by the 'B' component (designated comp. 'AQ') has split into two pieces and that there are many mini-comets around this location"; the western component of 'AQ' (11″.1 from 'B' in p.a. 229°.4) is ~ 1 mag brighter than the eastern component of 'AQ' (10″.1 from 'B' in p.a. 217°.8), which itself is ~ 3.5 mag fainter than 'B' (as computed in a 2″.5 aperture); four other much fainter mini-comets are also visible in the raw data, and laplacian filtering reveals yet four more elusive ones; all these objects are visible in both *V*- and *R*-band images, and their color and non-sidereal motion make their identification secure; those mini-comets span p.a. 176°.8-245°.6 and are all farther away from 'B' than are the two 'AQ' components, with distances ranging from 16″ to 47″ for the most distant one to the west of 'B'; additional information on the web at `http://www.eso.org/outreach/press-rel/pr-2006/pr-15-06.html` [Emmanuél Jehin and O. Hainaut (ESO VLT, Chile), and H. Boffin (ESO, Garching)]. Apr. 25.03: hard to see in 10.0-cm R due to hazy sky; component 'B' not visible at 25× [GRA04]. Apr. 26.94: comet clearly experiencing another outburst; strong central cond. asymmetrically placed (roughly in solar direction) in faint coma [BOU]. Apr. 27.00: comet with nice tail ≈ 10′ long, broader at the end; very stellar central cond. [COM]. Apr. 27.94: strong central cond. in relatively faint coma; in 25-cm J (125×), central cond. not quite stellar, but irregular in shape; secondary cond. seen as a faint smudge in the anti-solar direction [BOU]. Apr. 28.00: component 'B' easily visible w/ 7×50 B, but the central cond. was not detected, hence the much-lower DC estimate; binocular visibility of component 'B' was comparable to M81; w/ 10.0-cm R, a bright and strongly condensed inner coma was surrounded by a faint and much larger coma of more uniform brightness, w/ a "nuclear" mag estimate of mag 10.0 (ref = TK) referring to an apparently stellar central cond. in the middle of the inner coma; w/ 20.3-cm *f*/10 T (83×), only the inner coma was visible, of total mag ≈ 8.5 (ref: TK) and dia. ≈ 3′; transparent sky [GRA04]. Apr. 29.93: in 31-cm J (109×), very asymmetric coma; strong central cond. seen at top of a triangular dust fan some 30° wide, centered around the tail axis in the anti-solar direction; tail rather broad and faint [BOU].

◇ *Comet 73P/Schwassmann-Wachmann [comp. G]* ⟹ 2006 Mar. 20.1: obs. w/ the 0.60-m Schmidt telescope at Konkoly Observatory shows a 'dumbbell-shaped' coma with two optocenters 2″.5 apart in p.a. ~ 80°-260° [K. Sàrneczky, University of Szeged, Hungary]. Mar. 20.70: comp. star has $B-V = +0.49$ [TSU02]. Mar. 20.70, Apr. 3.56, and 16.58: *Guide 8.0* software used for comp.-star mags [TSU02]. Mar. 23.04: ten stacked 300-sec CCD frames taken w/ a 0.20-m *f*/5.5 T shows a coma elongated in p.a. 255° and a 50″ tail [François Kugel, Observatoire Chante-Perdrix, Dauban, France (Haute-Provence)]. Mar. 30.70: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.54 and +0.64 [YOS02]. Apr. 1.1: obs. w/ the 0.60-m Schmidt telescope at Konkoly Observatory shows the coma as 12″-long bar with two or maybe three optocenters, the two relatively bright optocenters being 6″.7 apart in p.a. ~ 73°-253° [K. Sàrneczky, University of Szeged, Hungary]. Apr. 3.56: comp. star has $B-V = +0.63$ [TSU02]. Apr. 4.00: ten stacked 180-sec CCD frames show that the cond. is still visible, but more elongated [F. Kugel, Observatoire Chante-Perdrix, Dauban, France (Haute-Provence)]. Apr. 5.72: *StellaNavigator* ver. 6.1 software used for comp.-star mags [NAG08]. Apr. 6.16: in outburst, very condensed (it was barely seen two days previously at total mag ~ 15, but it was then very close to a star of mag 14.2) [BIV]. Apr. 7.04: outburst; object rose rapidly in brightness since previous night [RES]. Apr. 7.12: "very faint, small object, which I did not expect to be visible in the 30-cm T; at 242×, moderately condensed towards center" [KAM01]. Apr. 8.13: "a bit brighter and larger than yesterday; w/ 30-cm T (242×), a central region of higher surface brightness was clearly visible" [KAM01]. Apr. 8.85: moonlight [HOR02]. Apr. 11.15: comp. star has $V = 12.11$ ($B-V = +1.04$); moonlight [AMO01]. Apr. 16.58: comp. star has $B-V = +0.53$ [TSU02]. Apr. 17.74: much brighter than before, and visible in spite of the hazy sky conditions; easier to see after moonrise, when it was located around zenith [YOS04]. Apr. 18.94: w/ 30-cm T (115×), comet overlooked at first; fainter than on Apr. 8; diffuse, round coma, which showed (at 242×) a slightly brighter inner section w/ a star-like false nucleus of mag 14.5 [KAM01]. Apr. 21.75: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.91$ [OHS]. Apr. 23.14: comp. star has $V = 12.36$ ($B-V = +0.82$) [AMO01]. Apr. 27.93: very diffuse and faint object [BOU]. Apr. 29.96: "all positions of comets fainter than mag 13.5 were checked against DSS to avoid confusion w/ faint stars or nearby galaxies; positions of comets were calculated using most recent orbital elements from *MPECs* or the *ICQ* webpage; for comets > 3 months from perihelion, orbital elements for a nearby epoch were calculated from positions published in *MPECs* using Bill Gray's *FIND_ORB*" software [BOU].

◇ *Comet 73P/Schwassmann-Wachmann [comp. N]* ⟹ 2006 Apr. 21.72: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.91$ [OHS].

◇ *Comet 73P/Schwassmann-Wachmann [comp. R]* ⟹ 2006 Apr. 7.05: 3 hr of obs.; object moved in correct direction; checked with Digitized Sky Survey and USNO-B1.0 catalogue (limiting stellar mag ≈ 15.1) [RES]. Apr. 21.73: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.91$ [OHS]. Apr. 27.96: small, somewhat-condensed object; field sketch showed the object at correct position compared to Digitized Sky Survey image, using orbital elements from *NK* 1333 [BOU]. Apr. 27.96 and 29.97: "all positions of comets fainter than mag 13.5 were checked against DSS to avoid confusion w/ faint stars or nearby galaxies; positions of comets were calculated using most recent orbital elements from *MPECs* or the *ICQ* webpage; for comets > 3 months from perihelion, orbital elements for a nearby epoch were calculated from positions published in *MPECs* using Bill Gray's *FIND_ORB*" software [BOU].

◇ *Comet 98P/Takamizawa* ⟹ 2006 Apr. 2.81: w/ 0.25-m *f*/5 L (+ CCD), total mag 15.5, dia. 0′.5, no tail, diffuse with slight central cond. [KAD02]. Apr. 2.81 and 3.81: bad conditions (low alt. and twilight); all magnitudes based upon Tycho-2 Catalogue; astrometry submitted to Minor Planet Center under obs. code 349 [KAD02]. Apr. 3.81 total mag 15.6, dia. 0′.5, no tail; diffuse w/ weak central cond. (worse conditions than on Apr. 2) [KAD02].

◇ *Comet 99P/Kowal* ⟹ 2005 Nov. 30.76: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. star were +0.58, +0.61, +0.63, +0.79, and +0.87 [OHS].

◇ *Comet 101P/Chernykh* ⟹ 2005 Oct. 29.83: galaxy of mag 13.8 only 2′ from central cond. [SRB]. Nov. 25.50: comp. star has $B-V$ = +0.59 [TSU02]. Nov. 25.50 and 2006 Jan. 3.40: *Guide 8.0* software used for comp.-star mags [TSU02]. 2005 Dec. 29.52: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.52 and +0.67 [OHS]. 2006 Jan. 3.40: comp. star has $B-V$ = +0.62 [TSU02].

◇ *Comet 119P/Parker-Hartley* ⟹ 2006 Jan. 28.61: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.58, +0.68, +0.82, +0.85, and +0.87 [OHS]. Jan. 31.85: 15-min exposures with a Pictor 216XT camera showed comet to be barely visible at the noise level (mag ≈ 17.5); limiting mag of stars 17.8 [SHU].

◇ *Comet 132P/Helin-Roman-Alu* ⟹ 2005 Nov. 25.43: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V$ = +0.51 [OHS].

◇ *Comet 141P/Machholz (component A)* ⟹ 2006 Apr. 20.48: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V$ = +0.45 [TSU02].

◇ *Comet 161P/Hartley-IRAS* ⟹ 2005 Sept. 1.92, 6.86, 8.84, and Oct. 29.73: low alt. [SRB].

◇ *Comet 168P/Hergenrother* ⟹ 2005 Nov. 26.48: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V$ = +0.50 [TSU02].

◇ *Comet 169P/2002 EX$_{12}$ (NEAT)* ⟹ 2005 Dec. 7.85: comp. star has $B-V$ = +0.39 [TSU02]. Dec. 7.85 and 2006 Jan. 8.79: *Guide 8.0* software used for comp.-star mags [TSU02]. 2006 Jan. 8.79: comp. star has $B-V$ = +0.52 [TSU02]. Jan. 28.74: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.58, +0.68, +0.82, +0.85, and +0.87 [OHS].

◇ *Comet 171P/Spahr* ⟹ 2005 Nov. 30.72: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.53, +0.58, +0.63, +0.79, and +0.87 [OHS]. 2006 Jan. 8.77: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V$ = +0.57 [TSU02].

◇ *Comet 173P/Mueller* ⟹ 2005 Nov. 30.64: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.53, +0.58, +0.63, +0.79, and +0.87 [OHS].

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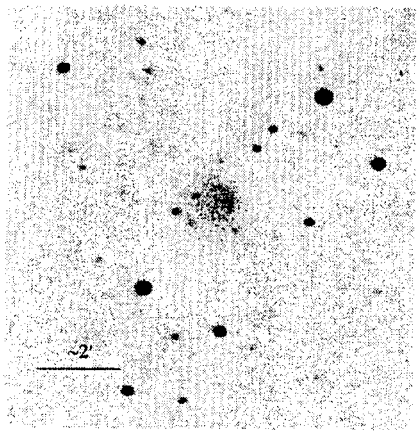

Co-added image of comet 174P = (60558) from ten 180-sec unfiltered CCD exposures taken around Feb. 2.17 UT by G. Sostero and E. Guido of Remanzacco, Italy, using a 25.4-cm f/5.7 Meade LX200 reflector (+ Hi-Sis 23 ME camera). North is up and east to the left. The bar at lower left indicates a distance of ≈ 2′.

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◇ *Comet 174P/2000 EC$_{98}$ (Echeclus)* ⟹ 2006 Jan. 7.85 and 8.81: $B-V$ values value of comp. star was +0.59; comet in outburst [KAD02]. Jan. 8.78: w/ 0.40-m *f*/4.5 L (257×), total mag 14.4 (ref: AU), coma dia. 0′.5, DC = 3; "very diffuse and round, like a planetary nebula (similar to the Owl Nebula)" [YOS04]. Jan. 11.17: elongated coma in p.a. 45° (possible tail) [SRB]. Jan. 28.04: very diffuse round coma w/o central cond. [SRB]. Jan. 28.78: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.54 and +0.68 [YOS02]. Feb. 4.21: mountain location, very clear sky; limiting stellar mag 15.5; comp.-star mags taken from Henden photometry near HS Vir [GON05]. Feb. 9.86: comp. star has $B-V$ = +0.56 [TSU02]. Feb. 9.86, Mar. 20.60, and Apr. 16.53: *Guide 8.0* software used for comp.-star mags [TSU02]. Mar. 20.60: comp. star has $B-V$ = +0.53 [TSU02]. Apr. 16.53: comp. star has $B-V$ = +0.57 [TSU02].

◇ *Comet C/1995 O1 (Hale-Bopp)* ⟹ 2006 Jan. 28.82 and 29.56: *Guide 8.0* software used for comp.-star mags; $B-V$

values of comp. star were +0.40 and +0.83 [TSU02].

◇ *Comet C/2001 Q4 (NEAT)* ⟹ 2005 Oct. 9.86: dense star field [SRB].

◇ *Comet C/2002 T7 (LINEAR)* ⟹ 2006 Jan. 28.69: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.58, +0.68, +0.82, +0.85, and +0.87 [OHS].

◇ *Comet C/2002 VQ$_{94}$ (LINEAR)* ⟹ 2006 Jan. 8.74: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.55 and +0.69 [OHS].

◇ *Comet C/2003 K4 (LINEAR)* ⟹ 2005 Oct. 7.98: star of mag 12.9 only 1'.3 from central cond. [SRB]. Oct. 27.93: star of mag 12.5 only 1'.4 from central cond. [SRB]. Oct. 29.90: star of mag 13.9 only 1'.1 from central cond. [SRB]. Dec. 2.64: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.66 and +0.69 [YOS02]. Dec. 26.52 and 2006 Feb. 21.44: *Guide 8.0* software used for comp.-star mags [TSU02]. Dec. 26.52: comp. star has $B-V = +0.64$ [TSU02]. 2006 Jan. 8.40: very near the half moon; a star of mag 14.1 was visible [YOS04]. Jan. 16.73: ephemeris from MPC web ephemeris service; checked w/ Digitized Sky Survey; limiting stellar mag 15.5 [HAS02]. Feb. 21.44: comp. star has $B-V = +0.50$ [TSU02].

◇ *Comet C/2003 T4 (LINEAR)* ⟹ 2005 Mar. 11.85: first obs. of this comet low in the NE pre-dawn sky; comet easily seen in 20×80 B, w/ comp. stars at the same alt. [PEA]. Apr. 2.86: comet appeared strongly condensed w/ a reasonably bright tail 0°.5 long in p.a. 252° as seen w/ both 20×80 B and 20-cm L [PEA]. Apr. 4.88: Moon only ≈ 5° away from comet, yet comet was clearly seen and moderately condensed [PEA].

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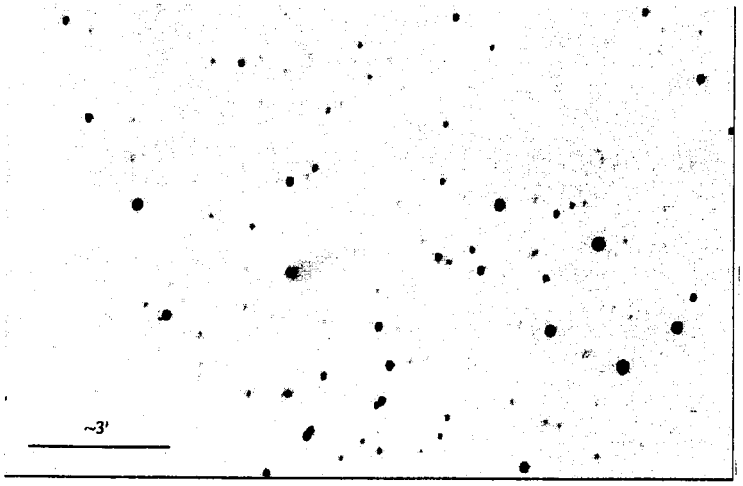

Image of comet C/2003 WT$_{42}$ taken by G. Sostero (Remanzacco, Italy, 25.4-cm f/5.7 Schmidt-Cassegrain reflector + Hi-Sis23 ME camera), from five 300-sec unfiltered exposures taken around 2006 Jan. 3.98. North is up and east is to the left. The bar at lower left indicates a length of ≈ 3'.

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◇ *Comet C/2003 WT$_{42}$ (LINEAR)* ⟹ 2005 Oct. 29.96: possible tail > 1' long in p.a. 277° [SRB]. Nov. 9.00: small, somewhat condensed object; Digitized Sky Survey (DSS) shows no bright stars or galaxies near comet's position [BOU]. Nov. 9.00 and 23.92: "all positions of comets fainter than mag 13.5 were checked against DSS to avoid confusion w/ faint stars or nearby galaxies; positions of comets were calculated using most recent orbital elements from *MPECs* or the *ICQ* webpage; for comets > 3 months from perihelion, orbital elements for a nearby epoch were calculated from positions published in *MPECs* using Bill Gray's *FIND_ORB*" software [BOU]. Nov. 12.74: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.63 and +0.70 [OHS]. Nov. 27.76: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.39$ [TSU02]. Dec. 2.74: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.63 and +0.56 [YOS02]. 2006 Jan. 8.57: comp. star has $B-V = +0.49$ [TSU02]. Jan. 8.57, Feb. 23.50, Mar. 20.50, and Apr. 20.50: *Guide 8.0* software used for comp.-star mags [TSU02]. Jan. 8.73: unchanged in appearance since Oct., w/ the cond. as strong as before; easier to see with higher magnification (w/ lower magnif., it looks more diffuse, w/ DC ~ 3) [YOS04]. Jan. 11.14, Mar. 7.93, and 19.86: moonlight [SRB]. Feb. 4.75: $B-V$ values of comp. stars were +0.52 and +0.56 [YOS02]. Feb. 4.75 and Mar. 30.57: *Guide 8.0* software used for comp.-star mags [YOS02]. Feb. 23.50: comp. star has $B-V = +0.43$ [TSU02]. Mar. 4.75: $B-V$ values of comp. stars were +0.57 and +0.76 [OHS]. Mar. 4.75 and 31.66: *Guide 8.0* software used for comp.-star mags [OHS]. Mar. 5.58: "more unfavorable conditions than on Feb. 27 due to the hazy sky and the half moon, but the comet was clearly visible" [YOS04]. Mar. 19.86: experimental measurement w/ short-focus camera lens (Russian-made Helios 58-mm-f.l. $f/4$ lens) [SRB]. Mar. 20.50: comp. star has $B-V = +0.58$ [TSU02]. Mar. 20.78: star of mag 14.7 within coma [HOR02]. Mar. 30.57: $B-V$ values of comp. stars were +0.55 and +0.55 [YOS02]. Mar. 31.66: $B-V$ values of comp. stars were +0.65, +0.84, and +0.85 [OHS]. Mar. 31.71: "comet just overlapping a mag-13.5 star at midnight; I observed it when the comet moved apart from the star, but at lower alt., when it was still very close to the star, and so not easy to see"; poor seeing and a bit hazy [YOS04]. Apr. 17.45: sky

very hazy, poor conditions; however, the comet was visible at zenith [YOS04]. Apr. 20.50: comp. star has $B-V = +0.51$ [TSU02].

◇ *Comet C/2004 B1 (LINEAR)* ⟹ 2006 Mar. 13.83: w/ 0.25-m $f/5$ L (+ CCD), total mag 12.8; comet condensed with coma 1′ in dia. and no tail; bad conditions (low alt. and twilight); all magnitudes based upon Tycho-2 Catalogue; astrometry submitted to MPC under obs. code 349 [KAD02]. Mar. 30.81: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.58 and +0.71; broad tail spans p.a. 150°-200°, then slightly curves clockwise [YOS02]. Mar. 31.77: "due to the poor conditions (low alt., haze), I could see only bright stars" [YOS04]. Apr. 23.16: motion checked during a 45-min period [GON05].

◇ *Comet C/2004 D1 (NEAT)* ⟹ 2005 Nov. 27.79: comp. star has $B-V = +0.56$ [TSU02]. Nov. 27.79, 2006 Jan. 8.54, and Feb. 23.56: *Guide 8.0* software used for comp.-star mags [TSU02]. 2005 Dec. 2.76: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.63 and +0.71 [YOS02]. 2006 Jan. 8.54: comp. star has $B-V = +0.57$ [TSU02]. Feb. 23.56: comp. star has $B-V = +0.40$ [TSU02]. Mar. 31.72: sky a bit hazy [YOS04].

◇ *Comet C/2004 K1 (Catalina)* ⟹ 2005 Dec. 9.87: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56 and +0.69 [YOS02]. 2006 Jan. 7.75: $B-V$ values of comp. stars were +0.56, +0.64, and +0.89 [OHS]. Jan. 7.75 and Mar. 7.74: *Guide 8.0* software used for comp.-star mags [OHS]. Feb. 23.60: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.57$ [TSU02]. Mar. 7.74: $B-V$ values of comp. stars were +0.65 and +0.69 [OHS].

◇ *Comet C/2004 Q2 (Machholz)* ⟹ 2005 Apr. 5.88 and June 2.88: *Guide 7.0* software used for comp.-star mags [SAN07]. June 1.94: anti-tail > 13′ long in p.a. 250° [HOR02]. June 13.91: *Guide 8.0* software used for comp.-star mags [SZA]. Sept. 7.83: low alt.; star of mag 10.3 only 1′ from central cond. [SRB]. 2006 Jan. 7.85: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.64, and +0.89 [OHS]. Jan. 8.85: morning sky, low alt. [YOS04]. Jan. 28.86: $B-V$ values of comp. stars were +0.67 and +0.70 [YOS02]. Jan. 28.86, Mar. 4.79, and 30.75: *Guide 8.0* software used for comp.-star mags [YOS02]. Mar. 4.79: $B-V$ values of comp. stars were +0.84 and +0.85 [YOS02]. Mar. 30.75: $B-V$ values of comp. stars were +0.50 and +0.84 [YOS02].

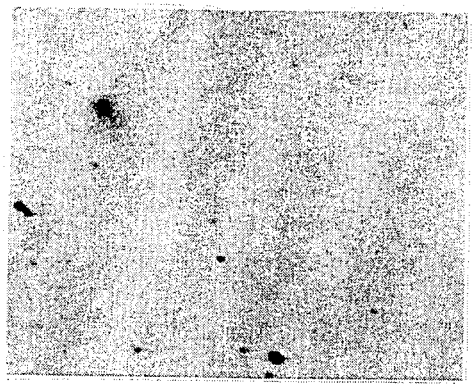
◇ *Comet P/2004 VR$_8$ (LONEOS)* ⟹ 2005 Nov. 12.80: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.63 and +0.70 [OHS]. 2006 Jan. 8.77: "near limit, a very faint small object was visible; comp. stars are from USNO-A2.0 cat., so the real magnitude may be somewhat brighter" [YOS04]. Jan. 8.84: comp. star has $B-V = +0.43$ [TSU02]. Jan. 8.84 and Apr. 20.59: *Guide 8.0* software used for comp.-star mags [TSU02]. Jan. 28.81: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.60 and +0.75 [YOS02]. Apr. 20.59: comp. star has $B-V = +0.66$ [TSU02].

◇ *Comet C/2004 YJ$_{35}$ (LINEAR)* ⟹ 2005 Feb. 27.48: $B-V$ values of comp. stars were +0.59 and +0.63 [NAK01]. Mar. 7.50: $B-V$ values of comp. stars were +0.45, +0.59, +0.61, +0.63, and +0.83 [NAK01]. Mar. 30.48: $B-V$ values of comp. stars were +0.48, +0.55, +0.59, +0.63, +0.80, and +0.83 [NAK01].

◇ *Comet C/2005 A1 (LINEAR) — component A* ⟹ 2005 Mar. 3.60: first clear night for some weeks; comet has continued to brighten and appears moderately condensed [PEA]. Mar. 10.52: comet located in same low power field as 47 Tuc (NGC 104) — an impressive sight [PEA]. Mar. 11.83: comet appeared very condensed [PEA]. Apr. 3.48: comet appeared more strongly condensed than on previous evening [PEA]. Aug. 28.88, 30.90 and Sept. 8.92: the central peak of component 'A' is 1.8 mag brighter than the central peak of component 'B' [HOR02]. Sept. 6.89 and 8.88: dense star field; only comp. 'A' is evident [SRB]. Sept. 23.84 and 25.77: the central peak of comp. 'A' is 1.6 mag brighter than the central peak of comp. 'B' [HOR02]. Sept. 23.89 and Oct. 19.78: moonlight [SRB]. Oct. 10.82: star of mag 15.5 only 1.′1 from central cond. [SRB]. Oct. 19.78: dense star field [SRB]. Oct. 27.78: the central peak of comp. 'A' is 1.7 mag brighter than the central peak of comp. 'B' [HOR02]. Nov. 25.48 and 26.45: comp. star has $B-V = +0.72$ [TSU02]. Nov. 25.48, 26.45, and Dec. 26.43: *Guide 8.0* software used for comp.-star mags [TSU02]. Dec. 26.43: comp. star has $B-V = +0.34$ [TSU02].

◇ *Comet C/2005 B1 (Christensen)* ⟹ 2006 Jan. 7.81: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56, +0.64, and +0.89 [OHS]. Jan. 8.87: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.46$ [TSU02].

◇ *Comet C/2005 E2 (McNaught)* ⟹ 2005 Nov. 22.79, Dec. 18.79, 22.79, and 2006 Jan. 16.80: alt. 17° [GON05]. 2005 Nov. 22.96: comp. stars have $V = 11.44$ ($B-V = +0.63$) and 11.85 ($B-V = +0.84$) [AMO01]. Nov. 23.37: comp. star has $B-V = +0.45$ [TSU02]. Nov. 23.37, Dec. 7.37, 26.37, 2006 Feb. 23.42, and Mar. 20.41: *Guide 8.0* software used for comp.-star mags [TSU02]. 2005 Nov. 25.39: $B-V$ values of comp. stars was +0.51 [OHS]. Nov. 25.39 and 2006 Jan. 28.44: *Guide 8.0* software used for comp.-star mags [OHS]. 2005 Nov. 26.95: comp. stars have $V = 11.27$ ($B-V = +0.54$) and 11.58 ($B-V = +0.20$) [AMO01]. Nov. 27.95: comp. stars have $V = 11.27$ ($B-V = +0.54$) and 11.72 ($B-V = +0.31$) [AMO01]. Dec. 4.81: alt. 13° [GON05]. Dec. 7.37: comp. star has $B-V = +0.64$ [TSU02]. Dec. 9.51: small and moderately condensed object; no star-like nuclear cond. visible at higher power [PEA]. Dec. 18.76: comet close to a star; comp. star had $V = 10.35$ and $B-V = +0.50$ [SCA02]. Dec. 18.79, 19.77, 22.79, 30.80, and 2006 Jan. 16.80: zodiacal light [GON05]. 2005 Dec. 19.77: alt. 20° [GON05]. Dec. 24.40 and 2006 Feb. 1.43: *Guide 8.0* software used for comp.-star mags [YOS02]. 2005 Dec. 26.37: comp. star has $B-V = +0.35$ [TSU02]. Dec. 30.80: alt. 15° [GON05]. 2006 Jan. 1.78: alt. 19° [GON05]. Jan. 8.38: "very diffuse; the sharp cond. observed last summer and early autumn has disappeared (very different appearance from my last obs. three months ago; I was surprised that it was faint and not easy to see, although it may be due to the moonlight and low alt.; however, the comet was clearly visible w/ 40-cm L)" [YOS04].



CCD image of comet C/2005 E2 taken by G. Sostero (Remanzacco, Italy, 25.4-cm f/5.7 Schmidt-Cassegrain reflector + Hi-Sis23 ME camera), from five 60-sec unfiltered exposures taken around 2006 Jan. 22.71. North is up and east is to the left.

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[text continued from page 54]

Jan. 21.80, 30.81, Feb. 16.82, and 22.82: bright zodiacal light [GON05]. Jan. 21.80: alt. 18° [GON05]. Jan. 28.44: $B-V$ values of comp. stars were +0.69, +0.69, and +0.74 [OHS]. Jan. 29.75: comp. stars at the same alt. as the comet [MEY]. Jan. 30.81, Feb. 16.82, and 22.82: alt. 14° [GON05]. Jan. 30.81: comet close to star of mag 11.2 (ref = TK) [GON05]. Feb. 6.69: moonlight [BAR06]. Feb. 23.42: comp. star has $B-V = +0.62$ [TSU02]. Feb. 27.40: thin clouds and haze; twilight [YOS04]. Mar. 20.41: comp. star has $B-V = +0.57$ [TSU02]. Mar. 23.84: alt. 11° [GON05].

◇ *Comet C/2005 EL$_{173}$ (LONEOS)* ⟹ 2006 Mar. 4.63: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars was +0.56 [OHS].

◇ *Comet C/2005 K2 (LINEAR)* ⟹ 2005 June 11.88 and 12.88: *Guide 7.0* software used for comp.-star mags [SAN07].

◇ *Comet P/2005 K3 (McNaught)* ⟹ 2005 Sept. 2.96: star of mag 14.4 only 1′.1 from central cond. [SRB]. Sept. 8.92: star of mag 13.0 only 0′.5 from central cond. [SRB]. Oct. 7.97, 9.89, 10.88, 11.88, 27.89 and 29.92: dense star field [SRB]. Oct. 7.97: star of mag 12.5 only 0′.5 from central cond. [SRB]. Oct. 10.88: star of mag 15.5 only 1′.0 from central cond. [SRB]. Oct. 27.89: star of mag 15.9 only 0′.5 from central cond. [SRB]. Nov. 27.53: comp. star has $B-V = +0.51$ [TSU02]. Nov. 27.53 and 2006 Jan. 3.60: *Guide 8.0* software used for comp.-star mags [TSU02]. 2005 Dec. 2.69: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.47 and +0.63 [YOS02]. 2006 Jan. 3.60: comp. star has $B-V = +0.46$ [TSU02].

◇ *Comet C/2005 N1 (Juels-Holvorcem)* ⟹ 2005 Nov. 12.82: $B-V$ values of comp. stars were +0.63 and +0.70 [OHS]. Nov. 12.82 and 2006 Jan. 28.81: *Guide 8.0* software used for comp.-star mags [OHS]. 2006 Jan. 8.86: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.38$ [TSU02]. Jan. 28.79: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.54 and +0.68 [YOS02]. Jan. 28.81: $B-V$ values of comp. stars were +0.56, +0.58, +0.68, +0.82, +0.85, and +0.87 [OHS].

◇ *Comet C/2005 P3 (SWAN)* ⟹ 2005 Sept. 1.84, 7.81 and 8.80: low alt. [SRB].

◇ *Comet P/2005 R1 (NEAT)* ⟹ 2005 Oct. 9.88: dense star field [SRB]. Nov. 26.55: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.47$ [TSU02].

◇ *Comet P/2005 R2 (Van Ness)* ⟹ 2005 Oct. 10.86, 19.82, and 29.81: dense star field [SRB]. Oct. 10.86: star of mag 14.2 only 1′.1 from central cond. [SRB]. Oct. 19.82: moonlight [SRB]. Oct. 29.81: star of mag 13.4 only 1′.0 from central cond. [SRB]. Nov. 26.58: comp. star has $B-V = +0.33$ [TSU02]. Nov. 26.58 and 2006 Jan. 3.53: *Guide 8.0* software used for comp.-star mags [TSU02]. 2006 Jan. 3.53: comp. star has $B-V = +0.45$ [TSU02]. Jan. 9.77: moonlight and haze [SRB].

◇ *Comet C/2005 R4 (LINEAR)* ⟹ 2005 Nov. 27.71: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56 and +0.90 [OHS].

◇ *Comet C/2005 RV$_{25}$ (LONEOS-Christensen)* ⟹ 2005 Nov. 30.61: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. star were +0.53, +0.58, +0.63, +0.79, and +0.87 [OHS]. 2006 Jan. 28.11: CCD images w/ 1.5-m reflector at Mt. Lemmon (near Tucson, AZ) show an extremely diffuse 6″-8″ coma, measured in a co-added images composed of four 60-sec exposures obtained in poor seeing; total mag measured as 20.6 [Eric J. Christensen].

◇ *Comet P/2005 S3 (Read)* ⟹ 2005 Nov. 27.68: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56 and +0.90 [OHS].

◇ *Comet P/2005 T4 (SWAN)* ⟹ 2005 Oct. 29.71: low alt.; possible tail > 1′ in p.a. 60° [SRB].

◇ *Comet P/2005 T5 (Broughton)* ⟹ 2005 Nov. 26.53: *Guide 8.0* software used for comp.-star mags; comp. star has $B-V = +0.40$ [TSU02].

◇ *Comet C/2005 W2 (Christensen)* ⟹ 2005 Nov. 27.73: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. stars were +0.56 and +0.90 [OHS].

◇ *Comet P/2005 W3 (Kowalski)* ⟹ 2005 Nov. 30.68: *Guide 8.0* software used for comp.-star mags; $B-V$ values of comp. star were +0.58, +0.61, +0.63, +0.79, and +0.87 [OHS].

◇ *Comet C/2005 X1 (Beshore)* ⟹ 2005 Dec. 29.70: $B-V$ values of comp. stars were +0.52 and +0.67 [OHS]. Dec. 29.70 and 2006 Jan. 28.66: *Guide 8.0* software used for comp.-star mags [OHS]. 2006 Jan. 28.66: $B-V$ values of comp. stars were +0.56, +0.58, +0.68, +0.82, +0.85, and +0.87 [OHS].

◇ *Comet P/2005 XA$_{54}$ (LONEOS-Hill)* ⟹ 2006 Jan. 7.72: $B-V$ values of comp. stars were +0.56, +0.64, and +0.89 [OHS]. Jan. 7.72, Mar. 4.74, and 31.69: *Guide 8.0* software used for comp.-star mags [OHS]. Jan. 29.93: recent images of the comet's field showed nothing; as it appeared unexpectedly bright, there may have been an outburst [SHU]. Feb. 23.62: comp. star has $B-V = +0.57$ [TSU02]. Feb. 23.62, Mar. 20.49, and Apr. 20.53: *Guide 8.0* software used for comp.-star mags [TSU02]. Feb. 27.70: "unexpectedly bright and clearly visible; very tiny, looking like a faint star at a glance (however, using a higher magnification, background stars looked exactly point-like in focus, while the comet did not); I observed it twice in a 3.5-hr interval and confirmed the motion" [YOS04]. Mar. 4.74: $B-V$ values of comp. stars were +0.57 and +0.76 [OHS]. Mar. 5.60: stars down to mag ~ 14.5 visible, but the sky was hazy [YOS04]. Mar. 7.90: moonlight [SRB]. Mar. 19.84: experimental measurement w/ short-focus camera lens (Russian-made Helios 58-mm-f.l. *f*/4 lens) [SRB]. Mar. 20.49: comp. star has $B-V = +0.600$ [TSU02]. Mar. 22.95: small and faint, somewhat-condensed object; reality checked versus Digitized Sky Survey image [BOU]. Mar. 22.95 and 23.9: "all positions of comets fainter than mag 13.5 were checked against DSS to avoid confusion w/ faint stars or nearby galaxies; positions of comets were calculated using most recent orbital elements from *MPECs* or the *ICQ* webpage; for comets > 3 months from perihelion, orbital elements for a nearby epoch were calculated from positions published in *MPECs* using Bill Gray's *FIND_ORB*" software [BOU]. Mar. 31.69: $B-V$ values of comp. stars were +0.65, +0.84, and +0.85 [OHS]. Apr. 20.53: comp. star has $B-V = +0.44$ [TSU02].

◇ *P/2005 YQ$_{127}$ (LINEAR)* ⟹ 2006 Feb. 21.47: comp. star has $B-V = +0.41$ [TSU02]. Feb. 21.47 and 23.48: *Guide 8.0* software used for comp.-star mags [TSU02]. Feb. 23.48: comp. star has $B-V = +0.65$ [TSU02].

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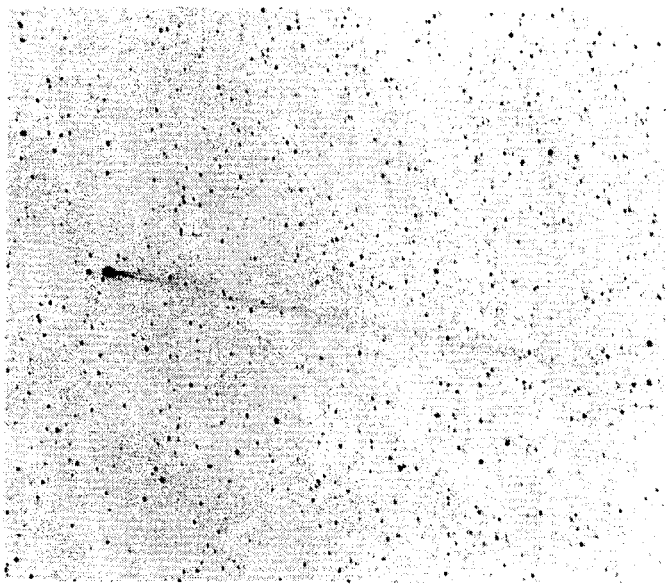

Image of comet C/2006 A1 taken by Michael Mattiazzo (Wallaroo, S. Australia, Canon 300D digital camera + 200-mm-f.l. telephoto lens) on 2006 Feb. 28.78 UT. Two co-added 2-min exposures. The field from left to right is 4° in length. (A wider-field image with a 90-mm lens showed that the ion tail was at least 8° long, ≈ 5° of which was visible in binoculars.) The comet was faintly visible to the naked eye at this time.

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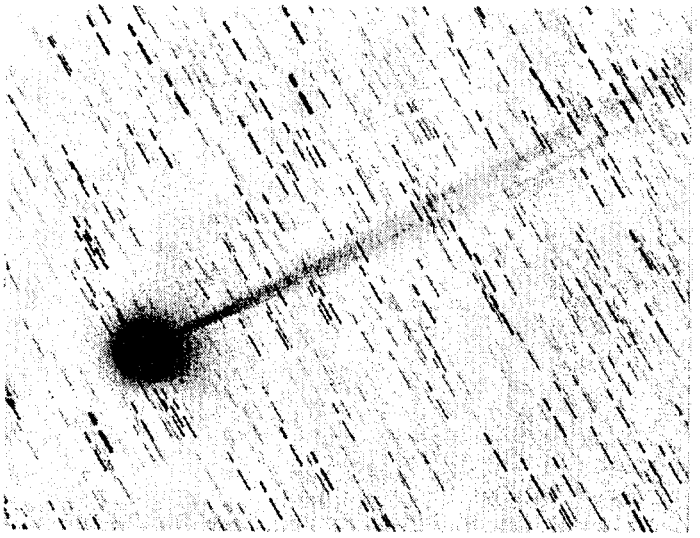
◇ *Comet C/2006 A1 (Pojmanski)* ⟹ 2006 Jan. 7.95: comp. stars have $V = 10.72$ ($B-V = +0.61$) and 10.97 ($B-V = +0.79$) [AMO01]. Jan. 7.95, Feb. 17.32, 22.32, 23.32, 25.33: moonlight [AMO01]. Jan. 20.4: CCD exposures show a narrow ion tail > 8′ long (extending past the edge of the CCD frames) in p.a. 161° [David Herald, Canberra, Australia]. Jan. 21.40 and 23.40: mag "estimates may be less reliable due to the use of a comp. star of (spectral) class K" [JON]. Jan. 23.49: little obvious change using Swan Band filter; some high cloud; comet bright and easy to see despite its low alt. [SEA]. Jan. 25.45: w/ 25×100 B and 25.4-cm L (71×), comet appeared marginally brighter, and the central cond. a



CCD image of comet C/2006 A1 taken by E. Guido and G. Sostero (Remanzacco, Italy) remotely using a 25-cm f/3.4 Takahashi Epsilon telescope (+ SBIG-ST8XE camera) at the "New Mexico Skies" Observatory, from thirty-five 20-sec unfiltered exposures taken around 2006 Mar. 6.52. North is up and east is to the left. The field is roughly 40′ across.

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[text continued from page 56]

little sharper, using Swan Band filter [SEA]. Jan. 27.84, 31.84, Feb. 27.84, Mar. 2.84, 3.84, 4.84, 7.84: *Guide 8.0* software used for comp.-star mags [TSU02]. Jan. 30.03 and Feb. 21.34: poor conditions [ROB06]. Jan. 30.20: comp. stars have V = 6.26 (B–V = +0.48) and 7.60 (B–V = +0.15) [AMO01]. Jan. 30.20 and Feb. 25.33: nautical twilight [AMO01]. Feb. 3.31, 4.31, and 5.32: comp. stars have V = 6.47 (B–V = +0.66) and 6.68 (B–V = +0.43) [AMO01]. Feb. 5.83: "first obs. of this comet due to its very difficult position low in the S sky that can't be readily accessed from my location; very bright and well condensed comet and no obvious sign of any tail, although the brighter sky would preclude spotting any faint tail if present" [PEA]. Feb. 7.75: w/ 25×100 B, faint tail visible to ≈ 20′ in p.a. 215° [SEA]. Feb. 7.83: appears to be brightening rapidly; faint tail also visible, 20′ long in p.a. 223° [PEA]. Feb. 8.84: strongly condensed coma appears to be getting smaller; a faint tail also visible, 22′ long in p.a. 205° [PEA]. Feb. 9.84 and 27.85: hurried obs. made between clouds [PEA]. Feb. 11.32: comp. stars have V = 5.64 (B–V = +0.20), 6.29 (B–V = +0.11), and 6.27 (B–V = +0.55) [AMO01]. Feb. 14.29: "Guide 8" software used for comp.-star mags; low alt.; diffuse; extended coma w/ bright center; no tail visible; appeared more condensed (DC = 6) in 25×100 B; unchanged w/ comet filter [DES01]. Feb. 17.32: comp. stars have V = 5.66 (B–V = +0.49), 6.29 (B–V = +0.11), and 6.46 (B–V = +1.31) [AMO01]. Feb. 18.86: very bright and well condensed comet; tail easily visible even in a moonlit sky, 42′ long in p.a. 226° [PEA]. Feb. 19.85: some smoke in the sky affected tail obs.; however, tail still easily visible, particularly the first 10′ (total length 32′ long in p.a. 224°) [PEA]. Feb. 21.85: good view of the tail this morning, which is of relatively high surface brightness despite the moonlit sky [PEA]. Feb. 22.32: comp. stars have V = 4.83 (B–V = +0.90) and 5.66 (B–V = +0.49) [AMO01]. Feb. 22.75: comet "very small and intense, and I am sure would have been visible to the naked eye had it not been for the moonlight" [SEA]. Feb. 23.32: comp. stars have V = 4.83 (B–V = +0.90) and 5.66 (B–V = +0.49) [AMO01]. Feb. 25.33, 26.32, 27.32, and 28.33: comp. stars have V = 5.25 (B–V = −0.07) and 5.85 (B–V = +0.48) [AMO01]. Feb. 27.24 and 28.23: alt. 6°; comp. stars at same low alt. as the comet [GON05]. Feb. 27.32: "beautiful bluish coma" seen w/ 11x80 B [SOU01]. Feb. 28.24: astronomical twilight; alt. 8° [GON05].

Mar. 1.21: low alt. (7°); extinction-corrected estimate [SCH04]. Mar. 1.23: alt. 9°; comp. stars at the same low alt. as the comet [GON05]. Mar. 2.18: low alt.; comp. stars at same alt. as the comet [HOR02]. Mar. 2.33: comp. stars have V = 5.25 (B–V = −0.07) and 5.65 (B–V = +0.69) [AMO01]. Mar. 2.81, 4.83, 7.82, 14.83, 21.80, 23.79, 24.80, 29.79, and 31.80, Apr. 3.77, and 5.73: *StellaNavigator* ver. 6.1 software used for comp.-star mags [NAG08]. Mar. 2.85: comet now low in sky and difficult [PEA]. Mar. 3.8, 13.8, 20.80, 29.78, and Apr. 8.78: *The Sky* ver. 5 software used for comp.-star mags [MIT]. Mar. 3.83, 4.84, 10.83, 24.83, and Apr. 5.80: *Guide 8.0* software used for comp.-star mags [YOS02]. Mar. 4.17: comp. stars 70 and 69 Aql in same field [SCA02]. Mar. 4.19: bluish and diffuse coma w/ an apparent stellar central cond.; alt. 11°; hazy sky, twilight (sun 12° below horizon); comet not seen w/ 7×50 B [GRA04]. Mar. 4.32: comp. stars have V = 5.16 (B–V = +1.06) and 6.13 (B–V = −0.06); clouds interfering [AMO01]. Mar. 4.83: "thin clouds, but the comet was very bright; almost stellar w/ a 10×70 monocular (impossible to estimate the dia.); coma elongated and fan-shaped" [YOS04]. Mar. 5.20: w/ 20-cm L (42×), short, weak tail ~ 0°.2 long in p.a. 270°, and a hint of a short dust tail ~ 0°.1 long in p.a. 225° [SCH04]. Mar. 5.20: hazy and twilight (solar alt. -11°) [GRA04]. Mar. 6.33 and 7.33: comp. stars have V = 5.58 (B–V = −0.02) and 6.13 (B–V = −0.06) [AMO01]. Mar. 7.16: blue-green coma appearance in 7×50 B quite similar to M92 [GRA04]. Mar. 7.18: small, strongly condensed object; only briefly obs. due to cloud interference [BOU]. Mar. 7.19: in 15×60 B, tail 50′ long in p.a. 295° [DIJ]. Mar. 7.20: gray sky because of twilight and reflections from snow [COM]. Mar. 12.17: bright moonlight; foggy sky [SCH04]. Mar. 13.81: *Guide 8.0* software used for comp.-star mags

[MIY01]. Mar. 14.10 and Apr. 15.84: moonlight [BAR06]. Mar. 14.14: smaller and somewhat fainter than M13 in 7×50 B [GRA04]. Mar. 15.21: moonlight interference [GON05]. Mar. 17.16: comparable to M92 in brightness and size [GRA04]. Mar. 20.07: experimental measurement w/ short-focus camera lens (Russian-made Helios 58-mm-f.l. *f*/4 lens) [SRB]. Mar. 20.1: dense star field [SRB]. Mar. 20.1 and 21.12: moonlight [HOR02]. Mar. 20.13: experimental measurement w/ Orestegor 300-mm-f.l. *f*/16 camera lens (made by the German company Mayer Optik Gorlitz) [SRB]. Mar. 20.13: w/ 10.0-cm R, diffuse coma w/ an apparently stellar central cond. [GRA04]. Mar. 22.12: close to 79 Cyg; reliable obs. not possible w/ 7×50 B [GRA04]. Mar. 24.11: cirrus and strong wind [MEY]. Mar. 29.10: visibility comparable to that of M27 [GRA04]. Mar. 31.76: "looked like a typical featureless bright comet — simple round ball (not as interesting as 73P); moderately condensed and easy to see; still visible through a 7-cm monocular; against background of many faint stars in the Milky Way" [YOS04]. Mar. 31.78: $B-V$ values of comp. stars were +0.65, +0.84, and +0.85 [OHS]. Mar. 31.78 and Apr. 21.70: *Guide 8.0* software used for comp.-star mags [OHS]. Apr. 3.06: obs. from Kestel, Alanya, Turkey [DIJ and BOU]. Apr. 7.13: w/ 9×63 B, faint, diffuse coma of uniform surface brightness [KAM01]. Apr. 8.09: w/ 20-cm T, rather diffuse coma, slightly condensed towards center; no false nucleus detected [KAM01]. Apr. 11.17: strong moonlight; mountain location, very clear sky [GON05]. Apr. 15.89: comet only seen w/ difficulty, but detected at correct position; obs. affected by high clouds [GRA04]. Apr. 17.07: challenging object in morning twilight (sun 12°-13° below free horizon), but somewhat easier w/ the larger instrument [GRA04]. Apr. 17.76: sky very hazy w/ strong moonlight [YOS04]. Apr. 18.08: comet appeared as a faint diffuse glow; obs. difficult due to its location (near τ Cas and two 9th-mag stars) and twilight (sun 12°-13° below horizon) [GRA04]. Apr. 21.04: a barely visible glow, but seen at correct position [GRA04]. Apr. 21.70: comp. star has $B-V = +0.66$ [OHS].

◇ *C/2006 CK$_{10}$ (Catalina)* $\Longrightarrow$ 2006 Mar. 4.72: comp. star has $B-V = +0.56$ [OHS]. Mar. 4.72 and 31.62: *Guide 8.0* software used for comp.-star mags [OHS]. Mar. 31.62: $B-V$ values of comp. stars was +0.85 [OHS].

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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 [16 = Japanese observers (via Akimasa Nakamura, Kuma, Ehime); 32 = Hungarian observers (via Krisztián Sárneczky, Budapest); etc.]:*

ABB	07	James Abbott, Essex, England
AMO01	35	Alexandre Amorim, Brazil
BAR06	37	Alexandr R. Baransky, Ukraine
BIV		Nicolas Biver, France
BOU		Reinder J. Bouma, Netherlands
CER01	23	Jakub Černý, Praha, Czech Rep.
CHE03	33	K. T. Cernis, Moletai, Lithuania
COM	11	Georg Comello, The Netherlands
CRE01		Phillip J. Creed, OH, U.S.A.
DES01		Jose G. de Souza Aguiar, Brazil
DIE02		Alfons Diepvens, Belgium
DIJ		Edwin van Dijk, The Netherlands
GON05		Juan Jose Gonzalez, Spain
GON06		Virgilio Gonano, Udine, Italy
GRA04	24	Bjoern Haakon Granslo, Norway
GRE		Daniel W. E. Green, U.S.A.
*GRI02		Vladimir Grigorjev, Latvia
HAS02		Werner Hasubick, Germany
HOR02	23	Kamil Hornoch, Czech Republic
HOR03	23	Petr Horalek, Czech Republic
JON		Albert F. Jones, New Zealand
KAD02	16	Ken-ichi Kadota, Saitama, Japan
KAM01		Andreas Kammerer, Germany
LAB02		Carlos Labordena, Spain
LEH		Martin Lehky, Czech Republic
LIN04		Mike Linnolt, U.S.A.
MAR02	13	Jose Carvajal Martinez, Spain
MER05	07	Cliff Meredith, England
MEY	28	Maik Meyer, Germany
MIC	36	Marco Micheli, Pompiano, Italy
MIT	16	Shigeo Mitsuma, Honjo, Japan
MIY01	16	Osamu Miyazaki, Ibaraki, Japan
*MOR10	33	Andrius Morozovas, Lithuania
MUR02	16	Shigeki Murakami, Japan
NAG08	16	Yoshimi Nagai, Gunma, Japan
NAG09	32	Miklós Nagy, Csenger, Hungary
NAK		Kazuo Nakamura, Japan
NAK01	16	Akimasa Nakamura, Ehime, Japan
NEV	42	V. S. Nevski, Vitebsk, Belarus
OHS	16	Yuuji Ohshima, Nagano, Japan
PEA	14	Andrew R. Pearce, Australia
PIL01		Uwe Pilz, Leipzig, Germany
RES	18	M. Reszelski, Szamotuly, Poland
ROB06		Walter Ruben Robledo, Argentina
SAN04	38	Juan Manuel San Juan, Spain
SAN07	32	Gábor Sánta, Hungary
SCA02		Toni Scarmato, Calabria, Italy
SCH04	11	Alex H. Scholten, Netherlands
SEA	14	David A. J. Seargent, Australia
SER	42	Ivan M. Sergey, Belarus
SHA02	07	Jonathan D. Shanklin, England
SHU	42	Sergey E. Shurpakov, Belarus
SOU01	35	Willian Carlos de Souza, Brazil
SRB	23	Jiri Srba, Vsetin, Czech Rep.
SZA		Sándor Szabó, Sopron, Hungary
TOT03	32	Zoltán Tóth, Hungary
TSU02	16	Mitsunori Tsumura, Japan
YOS02	16	Katsumi Yoshimoto, Japan
YOS04	16	Seiichi Yoshida, Japan

Visual Data

TABULATED VISUAL DATA (also format for old-style CCD data)

NOTE: As begun in the October 2001 issue, the CCD and visual tabulated data are separated. The tabulated CCD data are also now generally further separated into two "CCD" sections: the first in the old format for those observations submitted only in the old format, and the second in the new format (whose columns are described on page 208 of the July 2002 *ICQ*).

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°); '&' = 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 abbrevations 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 available in the *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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NOTE: *The new-style CCD tabulated data begin on page 76 of this issue.*

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Comet 9P/Tempel

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 03 11.83	x	S	12.9	TK	20	L	4	100	1	4			PEA
2005 04 01.90		S	11.6	HS	27.0	L	6	83	1.0	4/			TOT03
2005 04 02.84	x	S	11.7	TK	20	L	4	100		2			PEA
2005 04 04.98		S	11.7	HS	27.0	L	6	83	1.3	3			TOT03
2005 04 30.86		S	10.7	HS	20.0	L	5	83	3	5			NAG09
2005 05 04.88		S	10.7	HS	27.0	L	6	83	1.5	4			TOT03
2005 05 10.98		S	10.8	TK	15.0	R	5	38	2.1	3			MEY
2005 05 11.96		S	10.4	TK	15.0	R	5	38	4	3/			MEY
2005 05 25.90		S	10.6	TK	40.7	L	4	58	2.8	4			BIV
2005 05 27.90		S	10.4	HS	27.0	L	6	83	2.5	4			TOT03
2005 05 27.92		S	10.7	TK	40.7	L	4	58	2.8	4			BIV
2005 05 30.94		S	11.0	TK	40.7	L	4	58	2.5	4			BIV
2005 06 02.85		S	10.2	TI	11.4	L	5	50	2.5	3			SAN07
2005 06 02.98		S	11.2	TK	40.7	L	4	58	3.0	3			BIV
2005 06 07.94		S	11.1	TK	40.7	L	4	58	2.2	4			BIV
2005 06 08.96		S	10.8	TK	25.6	L	5	42	2.5	3			BIV
2005 06 10.96		S	10.7	TK	40.7	L	4	58	3.0	3			BIV
2005 06 11.97		S	10.6	TK	40.7	L	4	58	2.5	3			BIV
2005 06 14.96		S	10.6	TK	40.7	L	4	58	2.4	3			BIV
2005 06 14.97		S	10.6	TK	40.7	L	4	116	2.2	3			BIV
2005 06 26.88		S	11.0	HS	27.0	L	6	83	2.5	2			TOT03
2005 06 28.87		S	10.2	HS	34.0	L	4	120	2	2			SZA
2005 07 01.89		S	11.0	TK	20.3	T	10	67	4	3			BIV
2005 07 02.92		S	10.8	TK	20.3	T	10	67	4	3			BIV
2005 07 03.89		S	10.8	TK	20.3	T	10	67	3.5	3			BIV
2005 07 04.89		S	10.5	TK	20.3	T	10	67	4.3	4			BIV
2005 07 04.94		S	9.7:	TK	30	L	4	96	1.0	3/			ABB
2005 07 04.94		S	10.7	TK	20.3	T	10	67	4.0	3			BIV
2005 07 05.89		S	10.7	TK	20.3	T	10	67	5.0	2			BIV
2005 07 06.92		S	11.0	TK	20.3	T	10	67	3.5	2			BIV
2005 07 07.92		S	10.6	TK	20.3	T	10	67	3.8	3			BIV
2005 07 08.93		S	10.7	TK	20.3	T	10	67	3.0	2			BIV
2005 07 09.93		S	11.1	TK	20.3	T	10	67	3.0	2			BIV
2005 07 10.92		S	11.0	TK	20.3	T	10	67	2.7	2			BIV
2005 07 30.87		S	11.2	TK	40.7	L	4	58	3.0	2			BIV
2005 07 31.87		S	11.3	TK	40.7	L	4	58	2.5	2			BIV
2005 08 03.87		S	11.9	TK	40.7	L	4	58	2.5	2			BIV
2005 08 05.87		S	11.6	TK	40.7	L	4	58	2.3	2			BIV

Comet 21P/Giacobini-Zinner

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 05 31.05		S	10.7	TK	40.7	L	4	116	1.5	6			BIV
2005 05 31.06		S	10.6	TK	40.7	L	4	58	1.5	5			BIV
2005 06 03.08		S	10.7	TK	40.7	L	4	58	1.8	5			BIV
2005 06 12.07		S	10.5	TK	40.7	L	4	116	1.5	6	0.05	260	BIV
2005 07 02.14		S	10.3	TK	20.3	T	10	67	2.5	5	0.10	275	BIV
2005 07 03.13		S	10.4	TK	20.3	T	10	67	2.5	6	0.1	270	BIV
2005 07 06.14		S	10.5	TK	20.3	T	10	67	2.5	7	0.10	270	BIV
2005 07 07.14		S	10.2	TK	20.3	T	10	67	2.2	6	0.13	270	BIV
2005 07 08.15		S	10.3	TK	20.3	T	10	67	2.0	6	0.1	285	BIV
2005 07 09.13		S	10.5	TK	20.3	T	10	67	2.3	6	0.1	280	BIV
2005 07 10.13		S	10.6	TK	20.3	T	10	67	2.5	5	0.1	280	BIV
2005 07 31.11		S	10.5	TK	40.7	L	4	58	1.5	4			BIV
2005 08 04.12		S	11.2	TK	40.7	L	4	116	1.3	4			BIV

Comet 29P/Schwassmann-Wachmann

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 10 31.80		S	13.7	HS	30	L	5	180	0.7	2			NEV
2005 11 08.94		S	12.8	AU	31.0	J	6	109	0.9	0/			DIJ
2005 11 08.94		S	12.9	AU	31.0	J	6	109	1.2	2			BOU
2005 11 09.78		S[	12.0:	TK	30	R	20	230					SHA02
2005 11 29.79		S[	12.5	TK	30	R	20	185					SHA02
2005 12 09.53	x	S[	13.5	TK	41	L	4	200	! 0.5				PEA

Comet 29P/Schwassmann-Wachmann [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 08.42		S	[13.1	AU	40.0	L	4	144	! 0.7				YOS04
2006 01 24.82		S	14.2	HS	36	L	6	90	0.5	3			BAR06
2006 01 25.83		S	13.8	HS	36	L	6	90	0.5	3			BAR06
2006 01 26.76		S	13.6	HS	30	L	5	300	0.4	2			NEV
2006 01 28.79		S	[13.0	HS	30	R	20	185					SHA02
2006 01 30.84		S	13.2	AU	20.3	T	10	133	0.5	4			GON05
2006 02 02.88		S	13.1	TA	23.5	T	10	188	1	5			LAB02
2006 02 07.08		S	13.8	HS	36	L	6	140	0.5	3			BAR06
2006 02 22.85		S	12.5	AU	20.3	T	10	133	0.8	6			GON05
2006 02 24.84		S	12.8	TA	23.5	T	10	94	1	5			LAB02
2006 02 27.43		S	[12.1	TJ	40.0	L	4	144	! 0.8				YOS04

Comet 37P/Forbes

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 07 01.91		S	11.7	TK	20.3	T	10	67	1.8	4			BIV
2005 07 02.94		S	11.7	TK	20.3	T	10	67	1.7	2			BIV
2005 07 03.91		S	11.8	TK	20.3	T	10	67	1.5	3			BIV
2005 07 04.94		S	11.9	TK	20.3	T	10	67	2.0	3			BIV
2005 07 07.94		S	11.5	TK	20.3	T	10	67	1.7	4			BIV
2005 07 08.95		S	11.6	TK	20.3	T	10	67	1.5	3			BIV
2005 07 31.86		S	11.8	TK	40.7	L	4	58	1.3	3			BIV
2005 08 03.86		S	12.2	HS	40.7	L	4	58	1.3	3			BIV
2005 08 05.86		S	11.4	TK	40.7	L	4	58	1.6	3			BIV

Comet 41P/Tuttle-Giacobini-Kresák

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 28.94		S	12.2	TK	20.3	T	10	100	0.8	3			GON05
2006 04 29.87		S	12.5	TA	23.5	T	10	94	1	2			LAB02
2006 04 29.88		S	12.4	AU	31.0	J	6	109	1.0	3			BOU
2006 04 29.89		S	12.6	AU	31.0	J	6	109	0.4	1/			DIJ

Comet 62P/Tsuchinshan

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 04 04.94		S	13.5	HS	27.0	L	6	120	1.0	2			TOT03

Comet 71P/Clark

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 31.78		S	[13.0	AU	40.0	L	4	144	! 0.7				YOS04

Comet 73P/Schwassmann-Wachmann (component C)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 02 27.68		S	14.4	AU	40.0	L	4	144	0.5	4			YOS04
2006 03 05.62		S	13.8	AU	40.0	L	4	257	0.5	5			YOS04
2006 03 08.20		S	13.7	HN	20.3	T	10	133	0.5	6			GON05
2006 03 20.89		M	12.0	TK	35	L	5	158	1.5	3			HOR02
2006 03 21.98		S	12.8	TA	23.5	T	10	188	1	3			LAB02
2006 03 22.92		S	12.7	AU	31.0	J	6	89	1.2	4			BOU
2006 03 22.93		S	12.4	AU	31.0	J	6	89	0.8	3/			DIJ
2006 03 23.92		M	12.0	TK	35	L	5	68	1.7	3			HOR02
2006 03 23.95		M	12.6	HS	42	L	5	81	1.5	4			LEH
2006 03 23.95		S	12.5	AU	31.0	J	6	89	1.5	4			BOU
2006 03 23.96		S	12.3	AU	31.0	J	6	89	1.6	3			DIJ
2006 03 24.75	x	S	13.1:	HS	45.7	L	4	170	1.2	4	6	m 240	MUR02
2006 03 24.91		S	12.5	TI	23.5	T	10	94	0.6	3			LAB02
2006 03 24.94		S	12.7	HS	36	L	6	90	1.7	3			BAR06
2006 03 25.86		S	12.6	HS	30	L	5	60	1.2	2			NEV
2006 03 28.07		S	12.1	TK	20.3	T	10	77	2.0	5			GON05
2006 03 28.84		M	11.9	TI	8	R	7	15	1.1	4/			HOR03
2006 03 29.23		S	12.3	TK	20.3	T	10	77	1.5	2			ROB06
2006 03 30.71	x	S	12.8	HS	25.4	L	4	113	1.4	4			YOS02

Comet 73P/Schwassmann-Wachmann (component C) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 31.67		S	11.9	HS	40.0	L	4	144	1.4	6			YOS04
2006 04 02.86		M	11.1	TK	35	L	5	68	1.3	8/	3 m	250	HOR02
2006 04 02.95		S	10.7	HS	15	R	9	75	1.5	5			BAR06
2006 04 03.16		M	10.8	TK	20.3	T	10	77	3	S8			GON05
2006 04 04.15		B	10.6	TK	18	L	8	50		8			AMO01
2006 04 05.14		S	9.4	TK	20.0	L	4	42	& 2	7			SCH04
2006 04 05.72		B	9.6	AA	40.0	L	4	67	0.7	8	1.5m	250	NAK
2006 04 05.72	x	M	9.9	TJ	32.0	L	5	58	2.0	8			NAG08
2006 04 05.78	x	M	9.5	TK	25.4	L	4	46	1.8	S7	4 m	240	YOS02
2006 04 06.08		S	9.0	TK	15.0	R	8	75	2	7			DIE02
2006 04 06.10		M	9.5	TK	15.0	R	5	38	& 3	S8			MEY
2006 04 06.10		M	9.5	TK	20.3	T	10	83	2.0	7/			GRA04
2006 04 06.15		B	9.9	TK	40.7	L	4	58	4	7	0.16	240	BIV
2006 04 06.81		M	9.9	TI	10	B		25	1.9	5			HOR03
2006 04 06.81	x	M	9.1	TK	10.0	B		20	3	S6			YOS02
2006 04 06.88		M	9.4	TT	35	L	5	68	1.7	7			HOR02
2006 04 06.88		M	9.8	TT	10	B	4	25	2.5	7/			LEH
2006 04 07.01		S	9.2	AC	41.0	L	6	72	2.2	7/			RES
2006 04 07.11		M	9.4	TK	15.0	R	5	38	& 3.5	S8			MEY
2006 04 07.11		S	9.5	TK	30.5	T	10	75	1.2	S7	0.07	230	KAM01
2006 04 07.92		M	9.6	TI	10	B		25	2.9	4/			HOR03
2006 04 07.92		M	9.7	TT	10	B	4	25	3	7/			LEH
2006 04 07.93		M	9.4	TT	35	L	5	68	1.6	7	2 m	230	HOR02
2006 04 07.94		S	9.0	TK	10.0	R	5	20	1.2	4			HAS02
2006 04 08.02		M	9.7	TI	42	L	5	80	4.3	4	0.2	220	HOR03
2006 04 08.12		S	9.1	TK	30.5	T	10	75	1.5	S6	0.07	230	KAM01
2006 04 08.75	x	M	9.3	TJ	15.0	B		25	2.5	7			MIT
2006 04 08.81		M	9.3	TK	30	L	5	60	2.5	S6			NEV
2006 04 08.84		M	9.4	TT	35	L	5	68	1.3	6			HOR02
2006 04 08.94		S	9.3	TK	20.0	L	4	42	& 3	7			SCH04
2006 04 09.07		S	9.3	TK	18	L	8	50	2	6/			AMO01
2006 04 09.10		S	9.0	TK	15.0	R	8	75	2	7			DIE02
2006 04 09.33		B	9.6	TK	20.3	T	10	77	2.5	D7	3 m	230	ROB06
2006 04 10.90		S	9.3	TK	20.0	L	4	42	& 3	4			SCH04
2006 04 11.12		S	9.2	TK	15.0	R	8	75	2	6			DIE02
2006 04 11.15		S	9.6	TK	18	L	8	50		4			AMO01
2006 04 11.16		M	9.5	TK	20.3	T	10	77	2.5	5			GON05
2006 04 11.18		S	9.0	TK	10.0	B		25	3.0	4			GON05
2006 04 12.14		S	9.5	TI	23.5	T	10	67	3	3			LAB02
2006 04 12.92		S	9.0	TI	15	R	5	37	4	3/			MAR02
2006 04 12.92		S	9.0	TI	15	R	5	37	4	3/			MAR02
2006 04 13.98		S	9.2	TI	20	B		9	4	s3			SCA02
2006 04 14.85		S	9.4	TK	25.4	J	6	58	2.7	4/			DIJ
2006 04 14.85		S	9.4	TK	25.4	J	6	58	2.5	4			BOU
2006 04 14.87		S	9.8:	TK	30.5	T	10	75	& 1.6	3			KAM01
2006 04 14.98		M	9.4	TK	10.0	R	6	30	4	3			GRA04
2006 04 14.98		M	9.5	TK	20.3	T	10	83	3.5	3			GRA04
2006 04 15.81		M	9.5	TK	30	L	5	60	3	5	0.1	230	NEV
2006 04 15.82		M	9.4	HS	36	L	6	80	3	4/	0.15	230	BAR06
2006 04 15.89		M	9.2	TK	10.0	R	6	25	4	3			GRA04
2006 04 16.80		M	9.4	TK	30	L	5	60	2.5	5	0.12	225	NEV
2006 04 17.07		S	9.1	TK	15.2	L	5	38	5	2			GRA04
2006 04 17.54		S	9.6	TJ	40.0	L	4	75	3.0	3/			YOS04
2006 04 17.86		S	9.4	TK	15.0	R	8	75	2	3			DIE02
2006 04 17.99		S	8.8	TK	15.6	L	5	29	5	4			BOU
2006 04 18.05		S	8.5	TK	5.0	B		7	6				GRA04
2006 04 18.05		S	8.6	TK	15.2	L	5	38	6	2			GRA04
2006 04 18.91		S	9.0	HV	6.3	B		9	5				KAM01
2006 04 18.91		S	9.6	TK	15.0	R	8	75	2	3			DIE02
2006 04 18.93		S	9.2	TK	30.5	T	10	75	& 2.5	4	0.15	225	KAM01
2006 04 18.94		M	9.0	TK	11	B		20	2.5	5	0.15	230	NEV
2006 04 19.07		S	8.6	TK	5.0	B		7	6				GRA04
2006 04 19.07		S	8.6	TK	10.0	R	6	25	7	2			GRA04
2006 04 19.80	x	S	9.4	TK	10.0	B		20	4	4			YOS02
2006 04 19.84		M	8.7	TT	8.0	B		10	8	2			HOR02

Comet 73P/Schwassmann-Wachmann (component C) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 19.88		M	9.6	TJ	19	L	5	55	1	3/			SHU
2006 04 20.83		M	8.6	TT	8.0	B		10	9	2/			HOR02
2006 04 20.89		B	8.9	TK	10.0	R	5	20	4.0	4	0.25	205	HAS02
2006 04 21.03		S	8.5	TK	5.0	B		7	8				GRA04
2006 04 21.03		S	8.5	TK	10.0	R	6	25	8	2/			GRA04
2006 04 21.19		S	8.7	TT	8.0	B		20	& 6.5	0			GRE
2006 04 21.51	x	M	10.0	TJ	32.0	L	5	58	2.3	3			NAG08
2006 04 21.53	x	S	9.1	TK	10.0	B		20	4	3	14 m	220	YOS02
2006 04 21.82		S	8.5	TT	8.0	B		10	10	2/			HOR02
2006 04 21.97		M	9.1	TK	11	B		20	3	3	0.1	230	NEV
2006 04 22.02		S	8.6	TK	10.0	R	6	25	7	2/			GRA04
2006 04 22.04		M	10.4	TJ	41	L	4	89	0.85	3/			SHU
2006 04 22.83		S	8.3	TT	8.0	B		10	11	2			HOR02
2006 04 22.91		S	8.4	TK	10.0	B		25	4	3	0.3	230	GON05
2006 04 23.14		S	9.2:	TK	18	L	8	115	4	0			AMO01
2006 04 23.84		M	9.7	TK	30	L	5	60	2	4	0.1	225	NEV
2006 04 23.87		S	9.8:	TI	20	B		9	5	s3			SCA02
2006 04 23.91		S	8.5	HV	6.3	B		9	8	3			KAM01
2006 04 23.92					30.5	T	10	75	& 4	4	0.2	230	KAM01
2006 04 24.08		S	8.9	TK	10.0	B		20	4	1			MEY
2006 04 24.82		S	8.0	TT	8.0	B		10	14	2			HOR02
2006 04 25.03		S	8.7	TK	10.0	R	6	40	5	2/			GRA04
2006 04 25.14		S	9.8	TI	23.5	T	10	58	2	2	4 m		LAB02
2006 04 25.82		S	7.9	TT	8.0	B		10	15	2			HOR02
2006 04 25.86		M	8.2	TT	10	B	4	25	8	4	0.16	225	LEH
2006 04 25.91		S	9.7	TI	23.5	T	10	58	2	2	4 m		LAB02
2006 04 26.94		M	8.4	TK	15.6	L	5	29	4	7/			BOU
2006 04 26.98		S	8.9	TK	15.0	L	5	50	3.0	7			DIJ
2006 04 27.00		M	9.0	TK	30.5	T	10	56	& 3	8/			COM
2006 04 27.24		B	9.4	TK	20.3	T	10	57	2	S8	10 m	210	ROB06
2006 04 27.87		M	9.0	HD	30	L	5	60	1.5	S7	0.1	228	NEV
2006 04 27.94		M	7.9	TK	8.0	B		15	7.5	7			BOU
2006 04 27.99		S	8.2	TK	6.0	B		15	4.5	4/			DIJ
2006 04 28.00		M	7.1	TK	5.0	B		7	12	3/			GRA04
2006 04 28.00		M	7.4	TK	10.0	R	6	25	11	7/	0.3	220	GRA04
2006 04 28.91		S	7.6	TK	10.0	B		25	8	S4	0.3	230	GON05
2006 04 29.04		S	7.2	TK	5.0	B		7	12	3			GON05
2006 04 29.25		M	7.2	HV	5.0	B		10	10	4	0.4	215	CRE01
2006 04 29.87		S	8.0	TK	8.0	B		15	&10	5	0.5		COM
2006 04 29.93		M	7.4	TK	6.0	B		15	10	5/	0.4	211	DIJ
2006 04 29.93		M	7.5	TK	6.0	B		15	8	5			BOU
2006 04 29.99		S	7.8	TI	3.0	B		6	7	4	0.3	235	MAR02
2006 04 29.99		S	7.8	TI	5.0	B		7	4	4			SAN04
2006 04 30.30		S	8.2	TK	20	L	4	35	4.0	5	15 m	225	LIN04
2006 04 30.80		B	7.7	TI	8.0	B		11	3	6	25 m		LAB02
2006 04 30.86					32.0	L		240	5	5	0.2	190	PIL01
2006 04 30.86		S	8.7:	TJ	32.0	L		36					PIL01
2006 04 30.87		M	8.5	HD	11	B		20	3	4	0.15	225	NEV
2006 04 30.97		M	7.3	TK	6.0	B		15	8	4/			DIJ

Comet 73P/Schwassmann-Wachmann (component B)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 04.19		I	15.2	HS	20.3	T	10	160		9			GON05
2006 01 08.75		S	[14.7	AU	40.0	L	4	257	! 0.4				YOS04
2006 01 31.22		S	14.2	HN	20.3	T	10	133	0.3	6			GON05
2006 02 04.24		S	14.0	HN	20.3	T	10	100	0.3	6			GON05
2006 02 07.08		S	13.8	HS	36	L	6	80	0.5	3			BAR06
2006 02 07.24		S	13.8	HN	20.3	T	10	133	0.3	6			GON05
2006 02 24.94		S	13.4	TA	23.5	T	10	188	0.5	4			LAB02
2006 02 27.68		S	12.3	AU	40.0	L	4	144	1.1	7			YOS04
2006 02 28.19		S	12.8	TK	20.3	T	10	100	1.5	4			GON05
2006 03 02.31		I	13.0	AU	18	L	8	72					AMO01
2006 03 02.90		S	11.7	HS	36	L	6	80	1.9	3			BAR06
2006 03 03.82		M	12.0	AU	25.4	L	4	113	1.0	6	3 m	280	YOS02

Comet 73P/Schwassmann-Wachmann (component B) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 04.11		S	12.2	HS	30	L	5	60	1.3	2			NEV
2006 03 04.82		S	12.4	AU	40.0	L	4	144	1.1	6			YOS04
2006 03 05.61		S	12.1	AU	40.0	L	4	144	1.0	7			YOS04
2006 03 06.32		S	11.3	TK	20.3	T	10	57	2	3			ROB06
2006 03 07.15		M	12.1	AU	25.4	J	6	72	2.2	6			BOU
2006 03 07.32		S	12.8	HS	18	L	8	72					AMO01
2006 03 08.19		S	11.9	TK	20.3	T	10	133	1.7	5			GON05
2006 03 09.21		S	11.5	HS	36	L	6	80	1.8	3			BAR06
2006 03 10.81		S	11.9	AU	25.4	L	4	46	1.0	6			YOS02
2006 03 19.96		S	10.7	TK	44.0	L	5	63	0.9	3			HAS02
2006 03 20.87		M	10.6	TK	35	L	5	68	2.6	3			HOR02
2006 03 21.82	x	S	10.8:	TJ	14.1	B		45	& 2	5			NAG08
2006 03 21.98		S	11.2	TA	23.5	T	10	67	1.5	5			LAB02
2006 03 22.91		M	11.1	AU	31.0	J	6	72	2.3	5/			BOU
2006 03 22.91		M	11.2	AU	31.0	J	6	72	1.6	7			DIJ
2006 03 22.97		S	10.9	TJ	9	R	6	40	5.5	2			SHA02
2006 03 23.80	x	M	10.5	TJ	14.1	B		45	2.2	6			NAG08
2006 03 23.86		M	10.5	TI	10	B		25	1.4	3/			HOR03
2006 03 23.90		M	10.5	TK	35	L	5	68	2.8	4/			HOR02
2006 03 23.92		M	10.3	TT	42	L	5	66	3	4			LEH
2006 03 23.93		M	9.8	TT	10	B	4	25	5	3			LEH
2006 03 23.94		M	10.9	AU	31.0	J	6	72	2.4	5			BOU
2006 03 23.94		M	11.0	AU	31.0	J	6	72	2.3	5/			DIJ
2006 03 24.82		S	10.9	TK	30	L	5	60	1.5	s5	4	m 255	NEV
2006 03 24.82	x	M	10.9	TK	25.4	L	4	46	2.0	6	5	m 240	YOS02
2006 03 24.91		S	11.1	TI	23.5	T	10	67	1	6	1	m	LAB02
2006 03 24.94		S	10.8	HS	36	L	6	80	2.0	6			BAR06
2006 03 24.99		S	10.2	TJ	9	R	6	40	3.9	3			SHA02
2006 03 25.84		S	10.7	TK	30	L	5	60	1.5	s5	4	m 260	NEV
2006 03 28.05		S	10.7	TK	20.3	T	10	77	2.5	5	0.15	255	GON05
2006 03 28.15		S	10.2	TK	10.0	B		25	3.0	5	0.3	255	GON05
2006 03 28.83		M	9.8	TI	8	R	7	15	2.2	3/			HOR03
2006 03 29.25		S	10.2	TK	20.3	T	10	77	2.0	6	4	m 245	ROB06
2006 03 29.77	x	S	10.7	TJ	15.0	B		25	2	4			MIT
2006 03 30.64	x	M	10.0	TK	25.4	L	4	46	2.5	6	7	m 250	YOS02
2006 03 31.66		M	9.6	TJ	40.0	L	4	36	3.0	S7	6	m 255	YOS04
2006 03 31.79	x	M	9.9	TJ	14.1	B		25	3	6			NAG08
2006 04 01.90		S	9.8	TJ	10	B		25	5.0	4			SHA02
2006 04 01.91		S	9.8	TK	8.0	B		15	3.5	4			DIJ
2006 04 01.92		S	9.9	TK	8.0	B		15	3.5	4/			BOU
2006 04 02.18		M	9.9	TK	10.0	B		25	3.0	7	0.2	260	GON05
2006 04 02.57	x	S	10.2	TJ	15.0	B		25	3	4			MIT
2006 04 02.84		M	10.2	TK	35	L	5	68	2.4	5	5	m 250	HOR02
2006 04 03.15		M	10.1	TK	20.3	T	10	77	2.5	S7	0.15	260	GON05
2006 04 03.79	x	M	9.8	TJ	14.1	B		45	2.2	6			NAG08
2006 04 04.15		S	10.3	TK	18	L	8	50	1	4/			AMO01
2006 04 05.07		S	9.4	TK	15.0	R	8	75	1.5	7			DIE02
2006 04 05.14		S	9.6	TK	20.0	L	4	42	& 4	5	&0.1	235	SCH04
2006 04 05.71	x	M	9.6	TJ	32.0	L	5	58	2.2	7	7	m 240	NAG08
2006 04 05.73		B	10.0	AA	40.0	L	4	67	0.7	6/	2	m 245	NAK
2006 04 05.76	x	M	9.3	TK	25.4	L	4	46	2.3	6	10	m 245	YOS02
2006 04 06.08		S	9.3	TK	15.0	R	8	75	1.5	7			DIE02
2006 04 06.09		M	9.6	TK	15.0	R	5	38	3.2	6/			MEY
2006 04 06.10		M	9.8	TK	20.3	T	10	83	1.5	5			GRA04
2006 04 06.12		S	9.7	TK	40.7	L	4	58	4	6	0.2	245	BIV
2006 04 06.80		M	9.4	TI	10	B		25	3.6	3/			HOR03
2006 04 06.82	x	M	9.5	TK	10.0	B		20	2	6			YOS02
2006 04 06.85		M	9.2	TT	10	B	4	25	5	4			LEH
2006 04 06.90		M	9.9	TT	35	L	5	68	2.9	4			HOR02
2006 04 07.01		S	9.3	AC	41.0	L	6	72	2.7	7			RES
2006 04 07.10		M	9.6	TK	15.0	R	5	38	2.9	5/			MEY
2006 04 07.10		S	9.7	TK	30.5	T	10	75	1.6	S5	0.10	230	KAM01
2006 04 07.90		M	9.2	TT	10	B	4	25	5	4			LEH
2006 04 07.91		M	9.3	TI	10	B		25	4.5	3			HOR03
2006 04 07.94		M	10.3	TJ	19	L	5	55	1.5	5			SHU

Comet 73P/Schwassmann-Wachmann (component B) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 07.94		S	8.7	TK	10.0	R	5	20	1.5	4			HAS02
2006 04 07.95		M	9.7	TT	35	L	5	68	2.6	4/	4 m	240	HOR02
2006 04 08.11		S	9.4	TK	30.5	T	10	75	1.8	S5	0.09	230	KAM01
2006 04 08.76	x	M	9.3	TJ	15.0	B		25	3.5	6			MIT
2006 04 08.80		M	9.5	TK	30	L	5	60	2	S7			NEV
2006 04 08.87		M	9.4	TT	35	L	5	68	2.3	5			HOR02
2006 04 08.95		S	9.4	TK	20.0	L	4	42	& 4	4			SCH04
2006 04 08.98		M	9.5	TK	25.4	J	6	58	& 3	7			BOU
2006 04 08.98		S	9.5:	TK	25.4	J	6	58	2.5	4/			DIJ
2006 04 09.07		S	9.7	TK	18	L	8	50	3	5			AMO01
2006 04 09.09		S	9.4	TK	15.0	R	8	75	1.5	7			DIE02
2006 04 09.34		B	9.7	TK	20.3	T	10	77	2	S6	5 m	235	ROB06
2006 04 10.89		S	9.3	TK	20.0	L	4	42	& 3	6			SCH04
2006 04 11.11		S	9.0	TK	15.0	R	8	75	2	7			DIE02
2006 04 11.15		M	9.4	TK	20.3	T	10	77	2.0	6	0.1	250	GON05
2006 04 11.15		S	9.3	TK	18	L	8	50	2	5			AMO01
2006 04 11.18		M	8.8	TK	10.0	B		25	3.0	5	0.15	250	GON05
2006 04 12.14		B	9.7	TI	23.5	T	10	67	2	7	3 m		LAB02
2006 04 12.94		S	8.9	TI	15	R	5	37	4	5			MAR02
2006 04 12.94		S	8.9	TI	15	R	5	37	4	5			MAR02
2006 04 12.94		S	9.0	TI	15	R	5	37	3	4			SAN04
2006 04 12.94		S	9.0	TI	15	R	5	37	3	4			SAN04
2006 04 13.12		S	9.3	TK	18	L	8	50	1	6			AMO01
2006 04 13.97		S	8.9	TI	20	B		9	6	s6			SCA02
2006 04 14.86		M	8.9	TK	25.4	J	6	58	3.0	6			DIJ
2006 04 14.86		M	8.9	TK	25.4	J	6	58	3	5/			BOU
2006 04 14.89		S	9.3:	TK	30.5	T	10	75	& 1.5	S5			KAM01
2006 04 14.98		M	8.7	TK	10.0	R	6	30	4	5			GRA04
2006 04 14.98		M	8.9	TK	20.3	T	10	83	3.5	5/	0.12	245	GRA04
2006 04 15.80		M	9.1	TK	30	L	5	60	2	S7	0.12	230	NEV
2006 04 15.89		M	8.7	TK	10.0	R	6	25	5	6			GRA04
2006 04 16.79		M	9.0	TK	30	L	5	60	2.5	S7	0.13	225	NEV
2006 04 17.07		M	8.4	TK	15.2	L	5	38	5	6			GRA04
2006 04 17.54		M	9.1	TJ	40.0	L	4	75	4.0	s7			YOS04
2006 04 17.85		S	8.4	TK	15.0	R	8	75	2	7			DIE02
2006 04 17.98		M	8.3	TK	15.6	L	5	29	4	7	0.3	240	BOU
2006 04 18.05		M	8.2	TK	5.0	B		7	5	5			GRA04
2006 04 18.05		M	8.2	TK	15.2	L	5	38	5	6			GRA04
2006 04 18.90		S	7.8	HV	6.3	B		9	8	4	0.3	235	KAM01
2006 04 18.91		S	8.4	TK	15.0	R	8	75	3	7			DIE02
2006 04 18.92		M	7.9	HD	11	B		20	3	S7	0.2	230	NEV
2006 04 18.92		S	8.7	HV	30.5	T	10	75	3.2	s5	0.25	235	KAM01
2006 04 19.07		M	8.1	TK	5.0	B		7	6	5			GRA04
2006 04 19.07		M	8.1	TK	10.0	R	6	25	6	5/	0.2	240	GRA04
2006 04 19.23		S	8.5	TK	20	L	4	35	2.0	7	3 m	230	LIN04
2006 04 19.79	x	M	8.5	TK	10.0	B		20	3	S6	15 m	220	YOS02
2006 04 19.82		M	8.2	TT	8.0	B		10	6.5	4			HOR02
2006 04 19.86		M	9.2	TJ	19	L	5	55	2.5	5/			SHU
2006 04 19.90		B	8.0	TK	5.0	B		10					HAS02
2006 04 20.25		S	7.9	TT	8.0	B		20	& 4.5	4/			GRE
2006 04 20.26		I	8.4:	TT	5.0	B		12	& 9	2			GRE
2006 04 20.69	x	M	9.1	TJ	32.0	L	5	58	2.3	7	10 m	210	NAG08
2006 04 20.82		M	8.0	TT	8.0	B		10	7	4/			HOR02
2006 04 20.89		B	8.1	TK	10.0	R	5	20	3.7	4	0.38	215	HAS02
2006 04 21.02		M	7.9	TK	5.0	B		7	8	5			GRA04
2006 04 21.02		M	7.9	TK	10.0	R	6	25	8	6	0.4	230	GRA04
2006 04 21.08		S	8.7	TK	8.0	B		20	2	6			AMO01
2006 04 21.19		S	7.8	TT	8.0	B		20	& 4.5	7			GRE
2006 04 21.24		S	8.0	TK	20	L	4	35	3.0	6	8 m	230	LIN04
2006 04 21.49	x	M	9.1	TJ	32.0	L	5	58	2.2	7	10 m	220	NAG08
2006 04 21.51	x	M	8.3	TK	10.0	B		20	3	S6	18 m	220	YOS02
2006 04 21.81		S	7.9	TT	8.0	B		10	7	4			HOR02
2006 04 21.96		M	7.8	HD	11	B		20	3	S7	0.2	230	NEV
2006 04 22.02		M	7.7	TK	5.0	B		7	8	5			GRA04
2006 04 22.02		M	7.8	TK	10.0	R	6	25	7	5/	0.3	225	GRA04

Comet 73P/Schwassmann-Wachmann (component B) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 22.04		M	8.4	TJ	41	L	4	89		5	7 m	215	SHU
2006 04 22.15		B	8.5	TK	8.0	B		20	2	6			AMO01
2006 04 22.81		M	7.7	TT	8.0	B		10	9	4			HOR02
2006 04 22.90		M	8.1	TK	10.0	B		25	4	7	0.4	230	GON05
2006 04 22.96		M	7.8	TK	5.0	B		7	4	7	0.4	230	GON05
2006 04 23.04		M	8.4	TJ	41	L	4	89	1	6/	10 m	219	SHU
2006 04 23.12		B	8.5	TK	8.0	B		20	2	6			AMO01
2006 04 23.82		M	7.8	HD	11	B		20	3	S6	0.2	231	NEV
2006 04 23.84		S	7.8:	TI	20	B		9	10	s6	&30 m	225	SCA02
2006 04 23.90		S	7.3	HV	6.3	B		9	10	5	0.25	220	KAM01
2006 04 24.07		M	8.2	TK	10.0	B		20	3	4/	0.2	220	MEY
2006 04 24.08		S	8.3	TK	8.0	B		11	3	6			SOU01
2006 04 24.09		B	8.4	TK	8.0	B		20	2	6			AMO01
2006 04 24.84		B	8.0	TK	5.0	B		10	8	5			GON06
2006 04 24.84		M	7.5	TT	8.0	B		10	10	4			HOR02
2006 04 25.02		M	7.8	TK	10.0	R	6	25	6	6			GRA04
2006 04 25.04		M	8.4	TJ	41	L	4	89	1	6/	6 m	220	SHU
2006 04 25.13		B	8.2	TI	23.5	T	10	58	3	7	10 m		LAB02
2006 04 25.13		B	8.2	TI	23.5	T	10	58	3	7	10 m		LAB02
2006 04 25.14		B	7.9	TI	8.0	B		11	3	6	12 m		LAB02
2006 04 25.14		S	9.8	TI	23.5	T	10	58	2	2	4 m		LAB02
2006 04 25.83		M	7.6	TT	8.0	B		10	9	4			HOR02
2006 04 25.85		M	7.4	TT	10	B	4	25	8	4/	0.33	220	LEH
2006 04 25.91		B	7.9	TI	23.5	T	10	58	3	7	10 m		LAB02
2006 04 26.93		M	7.7	TK	15.6	L	5	29	4	6/			BOU
2006 04 26.95		M	7.1	TK	6.0	B		15	5.5	6			DIJ
2006 04 27.08		B	8.1	TK	8.0	B		20	3	5			AMO01
2006 04 27.09		B	7.9	TK	5.0	B		7	4	3			AMO01
2006 04 27.21		B	8.6	TK	20.3	T	10	57	2.5	S7	15 m	215	ROB06
2006 04 27.24		S	8.0	TK	20	L	4	35	2.5	6	17 m	225	LIN04
2006 04 27.85		M	7.6	HD	11	B		20	3	S7	0.3	235	NEV
2006 04 27.90		M	8.0	TK	30.5	T	10	56	7	8	0.5		COM
2006 04 27.91		M	7.6	TK	8.0	B		15	6	6	0.4	228	BOU
2006 04 27.97		M	7.2	TK	6.0	B		15	5.0	6	0.6	215	DIJ
2006 04 28.03		M	6.7	TK	5.0	B		7	11	5/			GRA04
2006 04 28.03		M	7.1	TK	10.0	R	6	25	8	6/	0.5	230	GRA04
2006 04 28.90		M	7.6	TK	10.0	B		25	5	6	0.4	230	GON05
2006 04 29.03		M	7.2	TK	5.0	B		7	6	7	0.4	230	GON05
2006 04 29.08		S	8.1	TK	8.0	B		20	3	5			AMO01
2006 04 29.17		I	6.9	HV	0.0	E		1					CRE01
2006 04 29.17		M	7.1	HV	5.0	B		10	5	7	0.7	230	CRE01
2006 04 29.91		M	7.0	TK	5.0	B		7	10	6	0.8	225	DIJ
2006 04 29.92		M	6.9	TK	5.0	B		7	12	5	0.7	230	BOU
2006 04 29.98		S	7.0	TI	2.0	B		4	9	3/	1.0	230	MAR02
2006 04 29.98		S	7.2	TI	2.5	B		3	5	3	0.5	230	SAN04
2006 04 30.00		M	7.5	TK	8.0	B		15	& 5	6	1.0		COM
2006 04 30.09		S	7.4	TK	10	B		25	5	6			DES01
2006 04 30.33		S	7.3	TK	20	L	4	35	3.0	6	40 m	225	LIN04
2006 04 30.73		B	6.5	TI	8.0	B		11	4	7	60 m		LAB02
2006 04 30.85		M	7.3	HD	11	B		20	3	S6	0.3	230	NEV
2006 04 30.86		S	8.3:	TJ	32.0	L		50	6	5	0.25	190	PIL01
2006 04 30.94		M	7.0	TK	6.0	B		15	10	6	0.5	220	DIJ

Comet 73P/Schwassmann-Wachmann (component G)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 31.68		S	[13.7	HS	40.0	L	4	144	! 0.9				YOS04
2006 04 05.72		S	[12.1	HS	32.0	L	5	58	! 1.5				NAG08
2006 04 06.16		S	13.8	HS	40.7	L	4	233	0.6	8			BIV
2006 04 07.04		S	12.5	AC	41.0	L	6	121	0.6	6/			RES
2006 04 07.12		S	12.2	TK	30.5	T	10	115	0.5	4			KAM01
2006 04 08.13		S	12.0	TK	30.5	T	10	115	0.8	6			KAM01
2006 04 08.82		S	13.0	HS	30	L	5	180	1	2			NEV
2006 04 08.85			[12.6	HS	35	L	5	158	! 0.8				HOR02
2006 04 11.15			[12.1	TK	18	L	8	115					AMO01

Comet 73P/Schwassmann-Wachmann (component G)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 15.81		S	12.4	HS	36	L	6	80	0.9	3			BAR06
2006 04 16.81		S	13.3	HS	30	L	5	180	0.5	2			NEV
2006 04 17.74		S	11.7	TJ	40.0	L	4	257	0.8	5			YOS04
2006 04 18.94		S	12.3	TK	30.5	T	10	115	0.8	4			KAM01
2006 04 18.95		S	12.5	HS	30	L	5	60	1.3	2			NEV
2006 04 19.86		M	11.8	TK	35	L	5	68	1.8	3			HOR02
2006 04 20.85		M	11.9	TK	35	L	5	68	1.5	2/			HOR02
2006 04 20.94		S	13.0	TK	44.0	L	5	156	0.6	3			HAS02
2006 04 21.86		S	11.8	TK	35	L	5	68	1.6	2/			HOR02
2006 04 22.94		S	12.3	TK	20.3	T	10	100	1.2	3			GON05
2006 04 23.14			12.7:	TK	18	L	8	115					AMO01
2006 04 23.85		S[	13.2	HS	30	L	5	180					NEV
2006 04 25.88		M	13.5:	HS	42	L	5	81	2	1			LEH
2006 04 25.95		S	12.3	HS	15	R	9	75	1.5	3			BAR06
2006 04 27.93		S	12.5	TA	25.4	J	6	72	1.6	1/			BOU
2006 04 29.95		S	12.5	HS	15	R	9	75	1.3	3			BAR06
2006 04 29.96		S	12.6	TA	31.0	J	6	89	1.4	0/			BOU
2006 04 29.96		S	13.5	TA	31.0	J	6	89	1	0			DIJ
2006 04 30.03		S	12.2	TA	23.5	T	10	94	1	3	1	m	LAB02

Comet 73P/Schwassmann-Wachmann (component R)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 07.05		S	14.4	AC	41.0	L	6	121	0.3	6			RES
2006 04 27.96		S	13.8	HN	25.4	J	6	125	0.6	4			BOU
2006 04 29.97		S	13.5	HN	31.0	J	6	155	0.7	3/			BOU
2006 04 29.97		S	13.9	HN	31.0	J	6	155	0.6	1/			DIJ

Comet 101P/Chernykh

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 10 30.80		S	13.5	HS	30	L	5	100	1	2			NEV
2005 10 31.81		S	13.5	HS	30	L	5	180	1	2			NEV
2005 11 28.73		S[	13.5	HS	27.0	L	6	167	! 1.0				TOT03

Comet 161P/Hartley-IRAS

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 06 03.07		S	11.9	TK	40.7	L	4	116	1.5	3			BIV
2005 06 12.04		S	11.4	TK	40.7	L	4	116	1.8	2			BIV
2005 06 26.90		S	11.7	HS	27.0	L	6	120	1.2	3			TOT03
2005 06 28.99		S	11.0	HS	11.4	L	5	50	2	0/			SAN07
2005 07 01.98		S	10.6	TK	20.3	T	10	67	3	3			BIV
2005 07 02.98		S	10.9	TK	20.3	T	10	67	3	3			BIV
2005 07 04.97		S	10.7	TK	20.3	T	10	67	3.5	3			BIV
2005 07 06.13		S	11.0	TK	20.3	T	10	67	3	4			BIV
2005 07 07.11		S	10.8	TK	20.3	T	10	67	3	3			BIV
2005 07 08.14		S	10.8	TK	20.3	T	10	67	4	3			BIV
2005 07 10.96		S	10.7	TK	20.3	T	10	67	2.7	3			BIV
2005 07 30.96		S	11.3	TK	40.7	L	4	58	4	2			BIV
2005 07 31.94		S	11.1	TK	40.7	L	4	58	5	2			BIV
2005 08 03.96		S	11.4	TK	40.7	L	4	58	5	2			BIV
2005 08 04.95		S	11.6	TK	40.7	L	4	58	4	3			BIV
2005 08 05.94		S	11.8	TK	40.7	L	4	58	4	3			BIV
2005 08 29.88		S	12.5	TK	40.7	L	4	116	1.8	2			BIV

Comet 174P/Echeclus

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 08.78		S	14.4	AU	40.0	L	4	257	0.5	3			YOS04
2006 02 04.21		S	14.3	HN	20.3	T	10	133	0.6	4			GON05

Comet C/1973 E1 (Kohoutek)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1973 10 12.10		[	7.5	S	7.5	B		40					CHE03
1973 11 08.15		[	7.5	S	7.5	B		40					CHE03
1974 01 03.63		[	2	S	4.0	B		12					CHE03
1974 01 06.63	B		2.5:	S	7.5	B		40	5	7	0.1		CHE03
1974 01 07.64	B		3.8:	S	7.5	B		40	5	6	0.3		CHE03
1974 01 08.65	B		3.5:	S	7.5	B		40	7	6	0.5		CHE03
1974 01 09.65	B		3.6:	S	7.5	B		40	7	6	1		CHE03
1974 01 10.65	B		4.5:	S	4.0	B		12	8	6	4	50	CHE03
1974 01 11.65	B		4.2:	S	0.0	E		1		7			CHE03
1974 01 11.66	B		4.5	S	4.0	B		12	8	6	3		CHE03
1974 01 13.66	B		4.6	S	7.5	B		40	9	6	3.5		CHE03
1974 01 14.66	B		4.5:	S	7.5	B		40	8	5	3.5		CHE03
1974 02 12.71		[	7.5	S	7.5	B		40					CHE03
1974 02 22.75		[	9.0	S	7.5	B		40					CHE03
1974 02 25.75		[	9.0	S	7.5	B		40					CHE03

Comet C/1974 C1 (Bradfield)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1974 03 23.76	B		4.5:	S	7.5	B		40	2	6	0.5	90	CHE03
1974 03 25.76	B		4.5:	S	7.5	B		40	3	5	1		CHE03
1974 03 25.77	B		4.5	S	0.0	E		1					CHE03
1974 03 26.76	B		4.7	S	4.0	B		12	3	5	1.3	70	CHE03
1974 03 27.75	B		4.3:	S	7.5	B		40	2	5	1.5		CHE03
1974 03 28.76	B		4.5:	S	7.5	B		40	2	5	1.5		CHE03
1974 03 29.76	B		4.8	S	7.5	B		40	3	5	1.5		CHE03
1974 03 30.76	B		4.8	S	7.5	B		40	5	5	2		CHE03
1974 03 31.76	B		5.0	S	7.5	B		40	4	5	2		CHE03
1974 04 01.77	B		5.0	S	7.5	B		40	3	5	1		CHE03
1974 04 02.76	B		5.2	S	7.5	B		40	3	5	0.3		CHE03
1974 04 03.78	B		5.3	S	7.5	B		40	3	5	0.5		CHE03
1974 04 04.76	B		5.0	S	7.5	B		40	3	5	0.3		CHE03
1974 04 07.70			5.2	S	0.0	E		1					CHE03
1974 04 07.77	B		5.6	S	7.5	B		40	3	5	0.2		CHE03
1974 04 09.79	B		5.5	S	7.5	B		40	3	3	0.2		CHE03
1974 04 11.78	B		6.3:	S	7.5	B		40	3	4	0.3		CHE03
1974 04 13.78	B		6.5:	S	7.5	B		40	3	3	0.1		CHE03
1974 04 14.79	B		7.2:	S	4.0	B		12					CHE03
1974 04 14.80	B		6.6:	S	7.5	B		40	4	2	0.1		CHE03
1974 04 21.95	B		8.2:	S	7.5	B		40	6	1			CHE03
1974 04 22.76		[	8.0	S	4.0	B		12					CHE03

Comet C/1975 T2 (Suzuki-Saigusa-Mori)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1975 10 11.72		[	8.0	S	7.5	B		40					CHE03
1975 10 13.71	B		8.5	S	7.5	B		40	7	2			CHE03

Comet C/1975 V2 (Bradfield)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1976 01 06.67	B		7.5	S	7.5	B		40	2	5			CHE03
1976 01 09.65	B		7.7	S	7.5	B		40	2	3			CHE03
1976 01 10.68	B		8.2:	S	7.5	B		40	3	2			CHE03
1976 01 30.72		[	9.5	S	14.0	R	7	29					CHE03

Comet C/1977 R1 (Kohler)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1977 09 10.82		[	9.5	S	11.0	B		20					CHE03
1977 09 17.79	S		9.7:	S	11.0	B		20	2	3			CHE03
1977 09 18.77	B		9.2	S	11.0	B		20	4	3			CHE03
1977 09 24.78	B		9.0:	S	11.0	B		20					CHE03
1977 09 28.71	B		9.3:	S	11.0	B		20	3	2			CHE03
1977 10 03.72	B		8.3	S	11.0	B		20	4	3			CHE03

Comet C/1977 R1 (Kohler) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1977 10 04.72		B	8.3	S	11.0	B		20	4	3			CHE03
1977 10 07.71		B	8.5:	S	11.0	B		20	5	4			CHE03
1977 10 09.70		B	7.8	S	11.0	B		20	5	4			CHE03
1977 10 21.78		B	7.2:	S	11.0	B		20	6	4			CHE03

Comet C/1994 T1 (Machholz)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1994 11 05.88		B	11.1	HS	19.5	L	4	51	2	3			CHE03

Comet C/2003 K4 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 03 10.52	x	S	11.0	TK	41	L	4	90	1.6	3			PEA
2005 03 11.50	x	S	11.1	TK	41	L	4	90	2	4			PEA
2005 10 31.96		M	13.3	HS	20	L	6	111	1	6			CER01
2006 01 08.40		S[	13.0	AU	40.0	L	4	144	! 0.8				YOS04
2006 01 16.73		S	13.5	HS	44.0	L	5	156	0.8	4			HAS02

Comet C/2003 T4 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 03 11.85	x	S	8.7	TK	8.0	B		20	5.2	4			PEA
2005 04 02.86	x	S	8.0	TK	8.0	B		20	4.5	6/	0.5	252	PEA
2005 04 03.88	x	S	7.9	TK	8.0	B		20	4	5	0.28	240	PEA
2005 04 04.88	x	S	7.8	TK	8.0	B		20	4	5			PEA

Comet C/2003 WT_42 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 10 31.06		S	13.5	HS	30	L	5	180	0.3	4			NEV
2005 11 09.00		S	13.7	TA	31.0	J	6	155	0.8	3			DIJ
2005 11 09.00		S	13.7	TA	31.0	J	6	155	0.5	4			BOU
2005 12 10.14		S	13.3	HS	20.3	T	10	100	0.7	5			GON05
2005 12 22.98		S	13.2	TK	20.3	T	10	133	0.7	5			GON05
2006 01 08.73		S	13.7	HS	40.0	L	4	257	0.5	6			YOS04
2006 01 24.77		S	13.2	HS	36	L	6	90	0.8	3			BAR06
2006 01 31.84		S	14.0	HS	30	L	5	180	0.6	2			NEV
2006 02 27.54		S	13.4	HS	40.0	L	4	144	0.6	6/			YOS04
2006 03 05.58		S	13.1	HS	40.0	L	4	144	0.9	6			YOS04
2006 03 20.78		M	13.8	HS	35	L	5	237	0.8	3/			HOR02
2006 03 22.96		S	13.1	HN	31.0	J	6	109	1.0	3/			DIJ
2006 03 22.96		S	13.5	HN	31.0	J	6	109	0.5	5			BOU
2006 03 23.79		M	13.0	HS	42	L	5	81	1.5	4/			LEH
2006 03 23.92		S	13.6	HN	31.0	J	6	155	0.6	5			BOU
2006 03 23.92		S	13.7	HN	31.0	J	6	155	0.5	4/			DIJ
2006 03 31.71		S	13.1:	HS	40.0	L	4	144	0.7	6			YOS04
2006 04 02.79		M	13.8	HS	35	L	5	158	0.9	2/			HOR02
2006 04 17.45		S	13.0	HS	40.0	L	4	257	0.6	5			YOS04
2006 04 19.88		S	13.7	HS	35	L	5	158	0.9	3			HOR02
2006 04 20.87		S	13.8	HS	35	L	5	158	0.7	3			HOR02
2006 04 21.84		S	13.7	HS	35	L	5	158	0.8	3			HOR02
2006 04 25.82		B	13.9	HS	42	L	5	81	1	4			LEH
2006 04 27.97		S	13.3	HN	25.4	J	6	125	0.7	5			BOU
2006 04 29.91		S	13.5	TA	31.0	J	6	109	0.8	2			DIJ
2006 04 29.91		S	13.5	TA	31.0	J	6	109	0.7	4			BOU

Comet C/2004 B1 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 12 09.52	x	S	13.3	GA	41	L	4	200	0.7	2			PEA
2006 03 31.77		S[	10.7	TJ	40.0	L	4	144	! 0.8				YOS04
2006 04 23.16		S	12.8	TK	20.3	T	10	100	0.7	3			GON05
2006 04 30.09		S	12.6	TA	23.5	T	10	94	1	3			LAB02

Comet C/2004 D1 (NEAT)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 31.72		S	[13.9	HS	40.0	L	4	144	! 0.5				YOS04

Comet C/2004 Q2 (Machholz)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 02 22.93		S	5.5:	TK	5.0	B		10	10	0			MER05
2005 02 26.94		S	6.0:	TK	7.0	B		15	10	0			MER05
2005 03 11.90		S	7.0:	TK	7.0	B		15	10	2			MER05
2005 04 05.88		S	6.8	TI	5.0	B		10	7	d3			SAN07
2005 04 11.07		S	7.3	TK	5.0	B		10	13	4/			MEY
2005 05 08.87		S	9.2	HS	27.0	L	6	83	5	4	0.05	220	TOT03
2005 05 11.00		S	8.6	TK	15.0	R	5	38	6.5	4			MEY
2005 05 11.97		S	8.8	TK	15.0	R	5	38	7.5	4/			MEY
2005 05 25.93		S	9.8	TK	40.7	L	4	58	5	4			BIV
2005 05 25.94		S	9.6	TK	5.0	B		7	5	3			BIV
2005 05 27.94		S	9.9	TK	40.7	L	4	58	4.5	5			BIV
2005 05 27.95		S	9.0	HS	27.0	L	6	83	5	4			TOT03
2005 05 27.96		S	9.8	TK	5.0	B		7	5	3			BIV
2005 05 30.99		S	10.1	TK	40.7	L	4	58	4.5	4			BIV
2005 05 31.01		S	9.8	TK	5.0	B		7	5	3			BIV
2005 06 02.88		S	9.5	TI	11.4	L	5	50	5	2			SAN07
2005 06 03.01		S	9.9	TK	40.7	L	4	58	4.5	4			BIV
2005 06 03.03		S	9.7	TK	5.0	B		7	5	5			BIV
2005 06 07.99		S	10.0	TK	40.7	L	4	58	4	4			BIV
2005 06 08.98		S	10.4	TK	25.6	L	5	42	4	4			BIV
2005 06 10.99		S	10.5	TK	40.7	L	4	58	3.5	4			BIV
2005 06 11.90		S	10.0	HS	11.4	L	5	50	4	2			SAN07
2005 06 12.01		S	10.3	TK	40.7	L	4	58	5	3			BIV
2005 06 12.89		S	10.0	HS	11.4	L	5	50	4	1			SAN07
2005 06 13.91		S	10.2	TI	34.0	L	4	120	2.5	3			SZA
2005 06 14.99		S	10.3	TK	40.7	L	4	58	4	3			BIV
2005 06 24.89		S	10.5	HS	11.4	L	5	50	3.5	0/			SAN07
2005 06 27.89		S	10.6:	HS	11.4	L	5	50	4	0			SAN07
2005 06 28.89		S	10.7	HS	11.4	L	5	50	4	1			SAN07
2005 07 01.94		S	11.3	TK	20.3	T	10	67	4	3			BIV
2005 07 02.96		S	11.1	TK	20.3	T	10	67	4	4			BIV
2005 07 04.95		S	11.3	TK	20.3	T	10	67	3	3			BIV
2005 07 06.94		S	11.0	TK	20.3	T	10	67	3	3			BIV
2005 07 08.96		S	11.4	TK	20.3	T	10	67	2.5	3			BIV
2005 07 10.94		S	11.5	TK	20.3	T	10	67	2.7	4			BIV
2005 07 30.89		S	11.6	TK	40.7	L	4	58	3.5	3			BIV
2005 07 31.93		S	11.8	TK	40.7	L	4	58	3.5	3			BIV
2005 08 03.89		S	11.9	TK	40.7	L	4	58	2.5	4			BIV
2005 08 04.94		S	12.0	TK	40.7	L	4	58	2.5				BIV
2005 08 05.93		S	12.0	TK	40.7	L	4	58	2.0	3			BIV
2005 08 29.87		S	12.6	HS	40.7	L	4	116	1.4	3			BIV
2006 01 08.85		S	[13.9	AU	40.0	L	4	257	! 0.4				YOS04

Comet P/2004 VR_8 (LONEOS)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 08.77		S	14.8	UO	40.0	L	4	257	0.4	3/			YOS04
2006 02 27.71		S	14.0	AU	40.0	L	4	144	0.7	4			YOS04

Comet C/2005 A1 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 03 03.60	x	S	8.2	TK	8.0	B		20	5.5	5			PEA
2005 03 05.59	x	S	8.1	TK	8.0	B		20	5	3/			PEA
2005 03 06.51	x	S	8.2	TK	8.0	B		20	7	4			PEA
2005 03 10.52	x	S	8.3	TK	8.0	B		20	6	4			PEA
2005 03 11.83	x	S	8.4	TK	8.0	B		20	4.8	6			PEA
2005 03 15.50	x	S	8.3	TK	8.0	B		20	5	4			PEA
2005 03 16.50	x	S	8.3	TK	8.0	B		20	4	4			PEA
2005 04 02.51	x	S	8.1	TK	8.0	B		20	4	3			PEA

Comet C/2005 A1 (LINEAR) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 04 03.48	x	S	8.3	TK	8.0	B		20	3.8	5			PEA
2005 04 04.48	x	S	8.3	TK	8.0	B		20	4.8	4			PEA
2005 07 06.12		S	11.5	TK	20.3	T	10	67	3	5			BIV
2005 07 07.13		S	11.2	TK	20.3	T	10	67	2	4			BIV
2005 07 08.12		S	11.2	TK	20.3	T	10	67	3	4			BIV
2005 07 09.12		S	11.4	TK	20.3	T	10	67	2.8	4			BIV
2005 07 31.00		S	12.1	TK	40.7	L	4	58	1.3	5			BIV
2005 08 01.08		S	12.2	TK	40.7	L	4	58	1.3	5			BIV
2005 08 04.05		S	12.1	TK	40.7	L	4	58	1.5	3	0.04	220	BIV
2005 08 05.03		S	12.2	TK	40.7	L	4	58	1.7	4	0.05	225	BIV
2005 08 06.06		S	12.3	TK	40.7	L	4	58	1.2	4			BIV
2005 08 29.90		S	12.8	HS	40.7	L	4	58	1.3	5			BIV
2005 10 12.06		M	12.8	HS	20	L	6	111	1	3			CERO1

Comet C/2005 E2 (McNaught)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 07 03.11		S	13.9	HS	20.3	T	10	160	0.8	5			BIV
2005 07 06.11		S	13.8	HS	20.3	T	10	160	0.8	4			BIV
2005 07 07.11		S	13.7	HS	20.3	T	10	160	0.8	5			BIV
2005 11 17.71		S	11.7	HS	27.0	L	6	83	1.4	3			TOTO3
2005 11 20.38		M	11.1	AU	32.0	L	5	87	2.6	5/			NAGO8
2005 11 22.79		S	11.2	TK	20.3	T	10	100	1.5	4			GONO5
2005 11 22.96		S	11.5	TK	14.3	L	6	45	1	6			AMOO1
2005 11 25.42		M	11.5	AU	25.4	L	4	113	1.8	6			YOSO2
2005 11 26.95		S	11.5	TK	14.3	L	6	112		7			AMOO1
2005 11 27.50		S	11.4	GA	25.4	L	4	71					SEA
2005 11 27.77		S	11.3	TI	23.5	T	10	94	2	2			LABO2
2005 11 27.95		S	11.6	TK	14.3	L	6	112		7			AMOO1
2005 11 28.71		S	11.8	HS	27.0	L	6	83	1.5	4			TOTO3
2005 12 04.81		S	10.9	TK	20.3	T	10	100	2.0	5			GONO5
2005 12 09.51	x	S	11.1	TK	41	L	4	90	1.0	5/			PEA
2005 12 10.75		S	11.0	TI	23.5	T	10	94	2	3			LABO2
2005 12 18.76		S	10.7:	TI	9.0	B		20	3	s4			SCAO2
2005 12 18.78		S	10.8	TK	20.3	T	10	77	2.0	5			GONO5
2005 12 18.79		S	10.5	TK	10.0	B		25	2	5			GONO5
2005 12 19.77		S	10.4	TK	10.0	B		25	2	4			GONO5
2005 12 22.78		S	10.6	TI	23.5	T	10	94	3	5			LABO2
2005 12 22.78		S	10.8	TK	20.3	T	10	77	2.5	4			GONO5
2005 12 22.79		S	10.4	TK	10.0	B		25	2	4			GONO5
2005 12 24.40	x	M	10.7	TK	25.4	L	4	46	2.5	6			YOSO2
2005 12 25.69		M	10.9	TT	42	L	5	66	4	5/			LEH
2005 12 25.71		S	11.7	HS	32.0	L		72	1.0	3		10	PILO1
2005 12 30.80		S	10.5	TK	20.3	T	10	77	2.5	5			GONO5
2005 12 31.68		M	10.7:	TJ	19	L	5	55	1	5			SHU
2006 01 01.77		S	10.4	TI	23.5	T	10	57	3	5			LABO2
2006 01 01.78		S	10.2	TK	10.0	B		25	3	5			GONO5
2006 01 08.38		S	10.1	TJ	40.0	L	4	144	1.8	3/			YOSO4
2006 01 10.74		S	10.3	TK	44.0	L	5	156	1.1	4			HASO2
2006 01 15.70		M	10.2	TT	10	B	4	25	4	5			LEH
2006 01 16.73		S	10.4	TK	44.0	L	5	156	1.2	4			HASO2
2006 01 16.80		S	10.0	TK	10.0	B		25	3	4			GONO5
2006 01 18.67		S	10.7	TK	30	L	5	60	2.5	4			NEV
2006 01 20.75		S	10.3	TK	33	L	5	100	2.6	2			SHAO2
2006 01 21.80		S	9.9	TK	10.0	B		25	3	4			GONO5
2006 01 22.69		S	10.0:	HS	6.0	B		20	2	3			BARO6
2006 01 23.69		S	10.1:	HS	6.0	B		20	2	3			BARO6
2006 01 24.70		S	10.6	HS	36	L	6	90	2.4	3			BARO6
2006 01 25.70		S	10.6	HS	36	L	6	90	2.2	3			BARO6
2006 01 28.40		S	10.5	AU	32.0	L	5	87	2.5	3			NAGO8
2006 01 28.75		M	10.1	TK	25.4	J	6	47	2.3	3/			DIJ
2006 01 28.75		S	10.1	TK	25.4	J	6	47	2.8	3/			BOU
2006 01 28.76		S	9.6	TK	33	L	5	100	1.6	2			SHAO2
2006 01 29.24		S	10.6	TK	20	L	4	107	1.1	6			LINO4
2006 01 29.75		S	10.1	TK	15.0	R	5	38	3.2	3			MEY

Comet C/2005 E2 (McNaught) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 30.81		S	10.3	TK	20.3	T	10	100	3	5			GON05
2006 01 31.67		S	10.8	TK	30	L	5	60	2	3			NEV
2006 02 01.43	x	S	10.6	TK	25.4	L	4	46	3	3			YOS02
2006 02 02.78		S	10.2	TI	23.5	T	10	94	3	4			LAB02
2006 02 06.69		S	10.4:	HS	36	L	6	80	2	3			BAR06
2006 02 16.82		S	9.8	TK	10.0	B		25	3	4			GON05
2006 02 18.80		S	10.3	TI	23.5	T	10	67	2	3	2	m	LAB02
2006 02 22.82		S	10.3	TK	20.3	T	10	77	2.0	5			GON05
2006 02 23.76		M	10.3	TI	10	B		25	3.1	4/			HOR03
2006 02 24.76		M	10.2	TI	10	B		25	3.1	4			HOR03
2006 02 27.40		S	9.9:	TJ	40.0	L	4	144	1.5	3			YOS04
2006 02 27.76		S	9.9	TT	13	L	8	69	2.5	3			HOR02
2006 02 28.79		S	10.5	TI	23.5	T	10	67	2	3			LAB02
2006 03 23.84		S	10.5	TK	20.3	T	10	100	2	4			GON05
2006 03 24.77		S	11.7	HS	30	L	5	180	1.5	2			NEV
2006 03 24.82		S	10.6	TI	23.5	T	10	67	1	3			LAB02

Comet P/2005 JQ_5 (Catalina)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 05 27.91		S	[13.5	HS	27.0	L	6	167	! 1.0				TOT03

Comet C/2005 K2 (LINEAR)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 06 01.87		S	12.8	HS	27.0	L	6	120	1.5	2			TOT03
2005 06 08.94		S	10.0	TK	25.6	L	5	42	3	3			BIV
2005 06 09.00		S	9.9	TK	25.6	L	5	42	3.5	3			BIV
2005 06 10.93		S	9.8	TK	40.7	L	4	58	4	3			BIV
2005 06 10.95		S	9.2:	TK	5.0	B		7	5	3			BIV
2005 06 11.88		S	9.0	TI	11.4	L	5	50	5	3			SAN07
2005 06 11.95		S	9.6	TK	40.7	L	4	58	4	3			BIV
2005 06 11.98		S	9.3	TK	5.0	B		7	4	4			BIV
2005 06 12.88		S	9.0:	TI	11.4	L	5	50	5	D3			SAN07
2005 06 14.94		S	9.7	TK	40.7	L	4	58	3.5	3			BIV
2005 06 18.95		S	11.2	HS	34.0	L	4	120	0.7	6/			SZA

Comet C/2005 P3 (SWAN)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 08 29.85		S	10.7	TK	40.7	L	4	58	2.5	4			BIV
2005 10 11.97		S	12.7	TA	31.0	J	6	89	1.7	1			BOU
2005 10 11.97		S	12.8	TA	31.0	J	6	89	2.3	1			DIJ
2005 10 12.04		M	13.3	HS	20	L	6	111	1	5			CER01

Comet P/2005 R2 (Van Ness)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2005 10 04.88		S	13.1	HS	30	L	5	60	0.9	3			NEV
2005 10 11.94		S	13.0	TA	31.0	J	6	109	1.2	4			DIJ
2005 10 11.94		S	13.2	TA	31.0	J	6	109	0.8	5			BOU
2005 10 30.75		S	13.2	HS	30	L	5	180	0.8	2			NEV
2005 10 31.91		M	13.5	HS	20	L	6	111	1	5			CER01
2005 11 08.93		S	12.8	TA	31.0	J	6	109	1.3	3			DIJ
2005 11 08.93		S	13.0	TA	31.0	J	6	109	1.2	4			BOU
2005 11 28.74		S	12.9	HS	27.0	L	6	120	1.5	2			TOT03
2005 12 09.54	x	S	[13.5	TK	41	L	4	200	! 0.5				PEA

Comet P/2005 XA_54 (LONEOS-Hill)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 02 27.70		M	14.0	AU	40.0	L	4	144	< 0.5	7/			YOS04
2006 03 05.60		S	[14.1	AU	40.0	L	4	257	! 0.5				YOS04
2006 03 22.95		S	14.1	HN	31.0	J	6	155	0.6	5			BOU
2006 03 22.95		S	14.6	HN	31.0	J	6	155	0.6	3			DIJ

Comet P/2005 XA_54 (LONEOS-Hill) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 23.93		S	14.0	AU	31.0	J	6	155	0.5	4/			DIJ
2006 03 23.94		S	13.9	AU	31.0	J	6	155	0.5	4			BOU

Comet C/2006 A1 (Pojmanski)

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 01 07.99		S	10.9	TK	18	L	8	72	1	3			AMO01
2006 01 20.40		S	9.6	TK	31.7	L	5	64	2	3			JON
2006 01 21.40		S	8.7	TK	31.7	L	5	64	2.5	3			JON
2006 01 22.40		S	8.8	TK	31.7	L	5	64	3	4			JON
2006 01 23.40		S	8.3	TK	31.7	L	5	64	2.5	4			JON
2006 01 23.49		M	7.6	AA	10.0	B		25	3				SEA
2006 01 25.45		S	7.5	AA	3.5	B		6					SEA
2006 01 26.40		S	8.2	TK	31.7	L	5	64	2	5			JON
2006 01 26.46		S	7.3	AA	3.5	B		6					SEA
2006 01 27.46		S	7.2	AA	3.5	B		6					SEA
2006 01 27.84	x	M	7.5	TT	5.0	B		7					TSU02
2006 01 29.40		S	8.2	TK	31.7	L	5	64	2.5	6			JON
2006 01 30.03		S	7.5:	TK	20.3	T	10	57	& 2.5	6			ROB06
2006 01 30.33		S	7.5	TK	8.0	B		20	3	7			AMO01
2006 01 31.84	x	M	7.1	TT	5.0	B		7					TSU02
2006 02 03.31		S	6.6	TK	5.0	B		7	5	8			AMO01
2006 02 03.31		S	6.7	TK	8.0	B		20	3	7/			AMO01
2006 02 04.31		B	6.7	TK	5.0	B		7	4	8			AMO01
2006 02 04.31		M	6.8	TK	8.0	B		20	3	7			AMO01
2006 02 05.32		S	6.7	TK	8.0	B		20	3	7			AMO01
2006 02 05.83	x	B	6.8	TK	8.0	B		20	4	7			PEA
2006 02 07.75		S	6.4	AA	2.5	B		2					SEA
2006 02 07.83	x	B	6.4	TK	8.0	B		20	4	6/	0.33	223	PEA
2006 02 08.05		S	6.1	TJ	5.0	B		10	6.5	7			SHA02
2006 02 08.84	x	B	6.3	TK	8.0	B		20	3.5	7	0.37	205	PEA
2006 02 09.84	x	B	6.2	TK	8.0	B		20	3.2	7			PEA
2006 02 11.32		B	6.0	YG	8.0	B		20	4	7	0.1	220	AMO01
2006 02 11.32		B	6.2	YG	5.0	B		7		8/			AMO01
2006 02 14.29		S	6.1	TK	8.0	B		11	5	5			DES01
2006 02 16.86	x	B	6.0	TK	8.0	B		20	3.5	6			PEA
2006 02 17.31		B	6.0	YG	8.0	B		20	4	6/	0.25	230	AMO01
2006 02 17.32		B	6.1	YG	5.0	B		7		8/			AMO01
2006 02 17.67		S	6.1	TK	7.8	R	4	15	2.5	7			JON
2006 02 18.21		S	5.6	TJ	5.0	B		10	1	8			SHA02
2006 02 18.86	x	B	5.5	TK	8.0	B		20	3.5	8	0.7	226	PEA
2006 02 19.85	x	B	5.4	TK	8.0	B		20	3.5	7/	0.53	224	PEA
2006 02 20.68		S	5.6	TK	4.5	R	6	13	3	8			JON
2006 02 20.85	x	B	5.3	TK	8.0	B		20	2.8	7/	0.5	221	PEA
2006 02 21.34		S	5.4:	TK	5	R	7	13	& 4	7			ROB06
2006 02 21.67		S	5.5	TK	4.5	R	6	13	4	8			JON
2006 02 21.85	x	B	5.3	TK	8.0	B		20	3	7/	1.25	237	PEA
2006 02 22.32		B	5.4	YG	8.0	B		20	5	7	0.5	230	AMO01
2006 02 22.32		B	5.5	YG	5.0	B		7	5	8	0.6	230	AMO01
2006 02 22.75		B	5.4	AA	8.0	B		15					SEA
2006 02 23.32		B	5.5	YG	5.0	B		7	5	8	0.8	240	AMO01
2006 02 23.33		B	5.6	YG	8.0	B		20	4	7	0.2	240	AMO01
2006 02 23.68		S	5.2	TK	4.5	R	6	13	5	8			JON
2006 02 25.32		S	5.5	TK	8.0	B		11	4	7			SOU01
2006 02 25.33		B	5.3	YG	5.0	B		7		8			AMO01
2006 02 26.32		B	5.3	YG	8.0	B		20	5	7	0.5	245	AMO01
2006 02 26.32		B	5.4	YG	5.0	B		7	5	8	0.3	245	AMO01
2006 02 27.23		M	5.6	TK	10.0	B		25	4	7	0.6	250	GON05
2006 02 27.24		M	5.4	TK	5.0	B		7	4	7/			GON05
2006 02 27.32		B	5.3	YG	5.0	B		7	4	7/	0.6	245	AMO01
2006 02 27.32		I	5.2	TK	0.7	E		1					SOU01
2006 02 27.32		S	5.3	TK	8.0	B		11	5	7	1	245	SOU01
2006 02 27.33		B	5.4	YG	8.0	B		20	3	6/	0.4	245	AMO01
2006 02 27.84	x	M	4.9	TT	3.5	B		7					TSU02
2006 02 27.85	x	B	5.2	TK	8.0	B		20	3.5	7			PEA

Comet C/2006 A1 (Pojmanski) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 02 28.23		M	5.4	TK	5.0	B		7	4	7/	1.6	255	GON05
2006 02 28.23		S	5.5	TI	8.0	B		11	9	7			LAB02
2006 02 28.24		I	5.2	TK	0.0	E		1		9			GON05
2006 02 28.32		S	5.4	TK	8.0	B		11	5	7	0.5	250	SOU01
2006 02 28.33		B	5.3	YG	5.0	B		7	4	7			AMO01
2006 02 28.33		B	5.4	YG	8.0	B		20	4	6	0.4	250	AMO01
2006 03 01.21	a	S	5.2	TK	8.0	B		15	4	8			SCH04
2006 03 01.23		M	5.3	TK	5.0	B		7	4	7/	3.2	260	GON05
2006 03 01.23		S	5.5	TI	8.0	B		11	7	7			LAB02
2006 03 01.23		S	5.7	TI	10.2	T		11	6	8	30 m		LAB02
2006 03 01.33		S	5.6	TK	8.0	B		11	4	6/			SOU01
2006 03 02.18		M	5.5	TT	8.0	B		10	7	7	0.4	255	HOR02
2006 03 02.19		M	5.4	TI	10	B		25	8	4/	1.1	260	HOR03
2006 03 02.19	a	B	5.0	TK	5.0	B		10	3.5	6	0.7	250	HAS02
2006 03 02.33		B	5.3	YG	5.0	B		7	5	7			AMO01
2006 03 02.33		B	5.3	YG	8.0	B		20	6	6/	0.6	260	AMO01
2006 03 02.81	x$	M	5.2	TJ	8.0	B		11	5	7	&1	270	NAG08
2006 03 02.84	x	M	5.0	TT	3.5	B		7					TSU02
2006 03 02.85	x	B	5.4	TK	8.0	B		20	4.5	7			PEA
2006 03 03.83	xa	M	5.2	HV	8.0	B		11	6	7			MIT
2006 03 03.83	xw	M	5.1	TK	3.5	B		7		8			YOS02
2006 03 03.84	xa	M	5.4	HV	15.0	B		25	5	7	0.4	270	MIT
2006 03 03.84	x	M	5.3	TT	3.5	B		7					TSU02
2006 03 04.13		M	5.5	HD	11	B		20	5	3			NEV
2006 03 04.17		S	5.1	TI	7.0	B		5	5	s7			SCA02
2006 03 04.19		M	5.5	YG	10.0	R	6	25	3	6/			GRA04
2006 03 04.21		S	5.2:	TK	5.0	B		10	& 5	7/			SCH04
2006 03 04.23		S	5.4	TI	8.0	B		11	6	7	30 m		LAB02
2006 03 04.23		S	5.6	TI	10.2	T		20	6	8	60 m		LAB02
2006 03 04.32		B	5.7	YG	5.0	B		7		8			AMO01
2006 03 04.32		B	6.0	YG	8.0	B		20	4	6	0.2	270	AMO01
2006 03 04.83		B	5.2	TJ	7.0	R		10		8/			YOS04
2006 03 04.83		M	5.2	TJ	40.0	L	4	36	2.7	7			YOS04
2006 03 04.83	xa	M	5.3	TJ	8.0	B		11	5	7			NAG08
2006 03 04.84	xw	M	5.2	TK	3.5	B		7		8			YOS02
2006 03 04.84	x	M	5.3	TT	3.5	B		7					TSU02
2006 03 05.20		M	5.6	YG	5.0	B		7	3.5	6			GRA04
2006 03 05.20		M	5.6	YG	10.0	R	6	25	3.5	6			GRA04
2006 03 05.20		S	5.1	TK	5.0	B		10	4	7/			SCH04
2006 03 05.21		S	5.2	AA	5.0	B		20	4	8			DIE02
2006 03 06.17		M	5.5	TT	8.0	B		10	6	7	0.3	260	HOR02
2006 03 06.33		B	5.5	YG	8.0	B		20	4	6			AMO01
2006 03 06.33		B	5.6	YG	5.0	B		7	4	7			AMO01
2006 03 07.16		M	5.4	YG	5.0	B		7	4	7			GRA04
2006 03 07.16		M	5.4	YG	10.0	R	6	25	4	6/			GRA04
2006 03 07.18		M	5.3	TK	5.0	B		7		7/			BOU
2006 03 07.19		M	5.4	TK	5.0	B		7	4	8			DIJ
2006 03 07.19		S	5.5	TK	5.0	B		20	4	8			DIE02
2006 03 07.20		S	5.5	TK	5.0	B		10		7/	&10 m		COM
2006 03 07.33		B	5.6	YG	5.0	B		7		8			AMO01
2006 03 07.33		B	5.7	YG	8.0	B		20	3	6/			AMO01
2006 03 07.82	xa	M	5.6	TJ	8.0	B		11	5	7	&1	270	NAG08
2006 03 07.84	x	M	6.1	TT	3.5	B		7					TSU02
2006 03 08.16		M	5.6	TT	8.0	B		10	6	6/	0.3	270	HOR02
2006 03 08.16	a	B	5.5	TK	5.0	B		10	3.0	6	0.7	290	HAS02
2006 03 08.18		M	5.0	TI	10	B		25	9.5	4	1.4	255	HOR03
2006 03 08.21		M	5.4	TK	5.0	B		7	4	7/	2.5	285	GON05
2006 03 08.22		I	5.3	TK	0.0	E		1		9			GON05
2006 03 09.10		M	5.7	TJ	3.0	B		8	4	6/			SHU
2006 03 09.12		B	5.7	TJ	5.0	B		7	4	6			CHE03
2006 03 09.18		S	5.5	TI	7.0	B		5	5	s4			SCA02
2006 03 09.22		S	5.7	TI	10.2	T		20	5	8	60 m		LAB02
2006 03 10.11		M	5.7	TJ	3.0	B		8	5	6/			SHU
2006 03 10.15		M	5.5	YG	5.0	B		7	4	7			GRA04
2006 03 10.19		S	5.4	TK	5.0	B		20	4	8			DIE02

Comet C/2006 A1 (Pojmanski) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 03 10.83	xa	M	5.6	TK	3.5	B		7		8			YOS02
2006 03 11.16		M	5.8	YG	5.0	B		7	4	7			GRA04
2006 03 12.15		S	5.7	TK	7.0	B		11	4	4/			MIC
2006 03 12.17		S	5.6	TK	5.0	B		10	& 5	7/			SCH04
2006 03 12.18		S	5.4	TK	5.0	B		20	5	8			DIE02
2006 03 13.18		M	5.7	TK	6.0	B		15	8	8			DIJ
2006 03 13.21		S	6.1	TI	8.0	B		11	4	7			LAB02
2006 03 13.21		S	6.2	TI	10.2	T		20	4	7	30 m		LAB02
2006 03 13.81	xw	M	6.0	HV	15.0	B		25	4	7	0.2	305	MIT
2006 03 13.81	xw	S	6.9	HV	8.0	B		11	4.5	6			MIY01
2006 03 13.82	xw	M	6.0	HV	8.0	B		11	5	7			MIT
2006 03 14.14		M	6.1	TK	5.0	B		7	4	7			GRA04
2006 03 14.14		M	6.1	TK	10.0	R	6	25	4	6/			GRA04
2006 03 14.83	x	M	6.1	TJ	8.0	B		11	5	7			NAG08
2006 03 15.21		M	5.9	TK	5.0	B		7	4	7/			GON05
2006 03 17.16		M	6.4	TK	5.0	B		7	4	6			GRA04
2006 03 17.20		S	6.1	TI	20	B		90	8	s4	2		SCA02
2006 03 18.16		S	6.5	TK	5.0	B		20	3	8			DIE02
2006 03 19.15		M	6.6	TK	5.0	B		7	5	6			GRA04
2006 03 20.12		M	6.9	TK	5.0	B		7	5	6			GRA04
2006 03 20.13		M	6.9	TK	10.0	R	6	25	5.5	6/			GRA04
2006 03 20.80	x	M	6.8	HV	15.0	B		25	5	6			MIT
2006 03 20.93		B	7.5	TK	5.0	B		10	4	3			GRI02
2006 03 21.09		M	6.5	TJ	3.0	B		8	5	6			SHU
2006 03 21.12		M	6.6	TT	8.0	B		10	6	6			HOR02
2006 03 21.12		M	6.9	TK	5.0	B		7	6	6			GRA04
2006 03 21.80	x	M	6.6	TJ	8.0	B		11	4	7			NAG08
2006 03 22.05		B	6.1:	TK	3.0	B		8	4	2			SER
2006 03 22.11		M	7.0	TK	10.0	R	6	25	5.5	5/			GRA04
2006 03 22.93		B	7.6	TJ	11.0	R	4	20	4	3			MOR10
2006 03 22.94		B	7.5	TJ	11.0	B		20	3	4			CHE03
2006 03 22.95		B	8.5	TK	5.0	B		10	4	3			GRI02
2006 03 22.97		B	7.4	TJ	5.0	B		7	3	6			CHE03
2006 03 23.13		M	7.3	TK	6.0	B		15	5.0	6/	22 m	298	DIJ
2006 03 23.14		M	6.8	TK	8.0	B		15	5	6	0.4	310	BOU
2006 03 23.15		M	6.9	TK	5.0	B		10		7			COM
2006 03 23.15		M	7.2	TK	5.0	B		7	5	5			GRA04
2006 03 23.15		S	6.8	TK	5.0	B		10	6	7			SCH04
2006 03 23.17		S	6.7	TK	5.0	B		20	3	6			DIE02
2006 03 23.79	x	M	6.9	TJ	8.0	B		11	4	7			NAG08
2006 03 23.95		B	7.7	TJ	5.0	B		7	3	6			CHE03
2006 03 24.11		B	6.7	TI	10.2	T		20	4	6			LAB02
2006 03 24.11		S	6.7	TK	5.0	B		10	5	6			MEY
2006 03 24.12		M	6.7	TT	8.0	B		10	5.5	5/			HOR02
2006 03 24.16		M	7.1	TK	5.0	B		7	5	5			GRA04
2006 03 24.16		M	7.3	TK	10.0	R	6	25	5	5/			GRA04
2006 03 24.80	x	M	7.1	TJ	10.0	B		20	4	6			NAG08
2006 03 24.83	x	M	7.2	TK	3.5	B		7		6/			YOS02
2006 03 25.96		M	7.2	HD	11	B		20	4	3			NEV
2006 03 28.17		M	7.3	TK	10.0	B		25	3.5	6	0.4	295	GON05
2006 03 28.18		M	7.3	TK	8.0	B		11	4	7			GON05
2006 03 29.10		M	7.6	TK	7.0	R	7	20	6	4/			GRA04
2006 03 29.11		S	7.4	TK	5.0	B		10	& 7	5			SCH04
2006 03 29.78	x	M	7.9	HV	15.0	B		25	5	5			MIT
2006 03 29.79	x	M	7.8	TJ	10.0	B		20	4	5			NAG08
2006 03 31.76		S	7.6	TJ	7.0	R		10	5.5	6/			YOS04
2006 03 31.76		S	7.9	TJ	40.0	L	4	36	3.3	6/			YOS04
2006 03 31.80	x	M	8.0	TJ	14.1	B		25	4	5/			NAG08
2006 04 01.00		B	7.7	TI	7	T		20	4	5			LAB02
2006 04 01.23		S	5.4	TI	8.0	B		11	6	7	30 m		LAB02
2006 04 01.23		S	5.6	TI	10.2	T		20	6	8	60 m		LAB02
2006 04 01.89		S	8.3	TJ	8.0	B		20	5	4			SHA02
2006 04 02.06		S	8.0	TK	5.0	B		20	3	5			DIE02
2006 04 02.19		M	7.6	TK	10.0	B		25	3.5	6	0.3	305	GON05
2006 04 03.06		M	8.0	TK	8.0	B		15	5	4			BOU

Comet C/2006 A1 (Pojmanski) [cont.]

DATE (UT)	N	MM	MAG.	RF	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
2006 04 03.06		S	7.9	TK	8.0	B		15	6	5			DIJ
2006 04 03.08		M	7.7	TT	8.0	B		10	6	4			HOR02
2006 04 03.77	x	M	8.5	TJ	14.1	B		45	3.5	5/			NAG08
2006 04 05.13		S	8.5:	TK	20.0	L	4	42	& 3	5			SCH04
2006 04 05.73	x	M	9.0	TJ	32.0	L	5	58	2.7	5/			NAG08
2006 04 05.80	x	S	8.7	TK	10.0	B		20	3	5			YOS02
2006 04 06.09		S	8.3	TK	15.0	R	8	75	3	4			DIE02
2006 04 07.01		S	8.3	AC	6.0	B		20	3.2	6/			RES
2006 04 07.13		S	8.7	TK	6.3	B		9	3.5	4			KAM01
2006 04 08.04		M	8.3	TI	10	B		25	4.5	3			HOR03
2006 04 08.09		S	8.4	HV	20.3	T	10	50	3.8	3			KAM01
2006 04 08.11		M	8.1	TT	10	B	4	25	3	4			LEH
2006 04 08.78	x	M	9.1	HV	15.0	B		25	4	4			MIT
2006 04 08.84		S	9.7	TK	30	L	5	60	3	3			NEV
2006 04 09.10		S	8.9	TK	20.0	L	4	42	& 4	3			SCH04
2006 04 09.11		S	8.8	TK	15.0	R	8	75	3	2			DIE02
2006 04 11.13		S	9.2	TK	15.0	R	8	75	2	2			DIE02
2006 04 11.17		S	9.0	TK	20.3	T	10	77	3.0	3			GON05
2006 04 12.15		S	9.2	TI	23.5	T	10	67	3	2			LAB02
2006 04 15.89		S	9.3	TK	10.0	R	6	25	3	2/			GRA04
2006 04 17.08		S	9.3	TK	15.2	L	5	44	3.5	2			GRA04
2006 04 17.08		S	9.5	TK	20.3	T	10	83	3	2			GRA04
2006 04 17.76		S	9.1	TJ	40.0	L	4	144	1.9	2			YOS04
2006 04 18.08		S	9.6	TK	20.3	T	10	83	2.5	2			GRA04
2006 04 18.96		S	10.4	TK	30	L	5	60	2.5	3			NEV
2006 04 21.04		S	10.0	TK	20.3	T	10	77	2.5	2/			GRA04
2006 04 22.05		M	11.5	TJ	41	L	4	89	0.66	5			SHU
2006 04 23.10		S	10.2	TK	20.3	T	10	100	3	2/			GON05
2006 04 23.95		S	10.9	TK	30	L	5	60	2.5	3			NEV
2006 04 24.03		M	12.0	TJ	41	L	4	89	2.0	3			SHU
2006 04 25.02		M	11.7	TJ	41	L	4	89	1.2	3			SHU
2006 04 25.15		S	10.7	TI	23.5	T	10	58	3	2			LAB02
2006 04 25.15		S	10.7	TI	23.5	T	10	58	3	2			LAB02
2006 04 26.05		M	9.7	TT	10	B	4	25	2	3			LEH
2006 04 27.91		S	10.7	TK	25.4	J	6	72	2.0	2			BOU
2006 04 29.88		S	10.5	TK	30.5	T	10	56	& 2	1/			COM
2006 04 29.94		S	10.8	TK	31.0	J	6	89	2.0	2			BOU
2006 04 29.95		S	11.1	TK	31.0	J	6	89	2.0	1			DIJ
2006 04 30.10		S	10.4	TI	23.5	T	10	94	3	2			LAB02

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Non-Visual Data (new format)

TABULATED NON-VISUAL DATA

The new format for non-visual data was introduced in the October 2001 issue of the *ICQ*, chiefly to help researchers make more sense of comet photometry obtained with CCD cameras, to determine what effects various instrumental factors play (spectral responses, exposure times, photometric aperture sizes, etc.). As described in that issue, almost all of the new information is added to the original observation records in columns 81-129, thereby leaving the first 80 columns essentially unchanged (except that in the "coma-diameter" column, true coma diameters are now given without exception in the new format; the old format allowed CCD users to put instead an aperture size in the "coma-diameter" column, but this is now allowed for in columns 87-93 of the new-format records). See also page 208 of the July 2002 issue.

Most of the columns below are as for the visual data (described on page 59 of this issue). While electronic magnitudes *can* be submitted to 0.01 magnitude, for many reasons it is highly advised to continue giving total comet magnitudes only to 0.1 mag. Similarly, it is advised to continue giving all times to 0.01 day, as 0.001 day is usually unnecessary for cometary photometry.

The headings for the tabulated data are as follows: The date (UT), notes, magnitude method (including filters for CCDs, and "P" for photographs), magnitude, reference, instrument aperture, instrument type, instrument *f*-ratio, exposure time, coma diameter, degree of condensation, tail length and position angle, and observer are all as described

for the visual tabulation. The column headed "APERTUR" gives the photometric aperture, preceded by "S" for square aperture and "C" for circular aperture, and followed by "d" for degrees, "m" for arcmin, and "s" for arcsec. The column "Chp" contains the 3-character code for the computer chip, given to indicate spectral response of the CCD camera. This column will also be used to indicate photographic emulsion when such information is provided for photographic photometry. The column "Sfw" contains the 3-character code for the software used to actually perform the photometric measures (not solely to extract comparison-star magnitudes). A lower-case "a" between these two columns indicates an anti-blooming CCD. The column headed "C" gives a number as follows: 0 = no correction; 1 = correction for bias (bias subtracted); 2 = flat-field corrected (flat-fielded); 3 = 1 + 2; 4 = dark-subtracted (and bias-subtracted) 5 = 2 + 4. The column headed "P" includes a P if the images used to measure the photometry were also measured for astrometry *and* those astrometric measures were published in the *Minor Planet Circulars* (meaning they were refereed); a U in this column indicates that the respective astrometric was sent to the MPC for publication but that either (a) they are unpublished at the time of reporting the photometry or (b) the observer is unaware of the publication status; a blank in this column indicates that no astrometry was measured. The 3-character CCD-camera code is listed under "Cam".

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Comet 9P/Tempel

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 06 01.91	d	k	10.6	LA	35	L	5	a840	4.9				C 4.90m	T24	GAI	5*P		ST6	HOR02
2005 06 01.91	d	k	10.7	LA	35	L	5	a840	4.9				C 4.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.91	d	k	11.1	LA	35	L	5	a840	4.9				C 2.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.91	d	k	11.7	LA	35	L	5	a840	4.9				C 1.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.91	d	k	12.4	LA	35	L	5	a840	4.9				C 0.50m	T24	GAI	5*P		ST6	HOR02

Comet 10P/Tempel

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 29.62	wx	C	16.6	HV	25.0	L	5	a240	0.3				S 0.3 m	K42	SI5	5	U	SE7	OHS

Comet 21P/Giacobini-Zinner

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 03.65	ax	C	15.9	HV	35.0	C	10	a630	0.3	3			S 0.55m	KAIa	SI4	5		ST2	TSU02

Comet 29P/Schwassmann-Wachmann

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 08 28.96	d	k	14.2	LA	35	L	5	a400	1.3				C 1.30m	T24	GAI	5*P		ST6	HOR02
2005 08 28.96	d	k	14.4	LA	35	L	5	a400	1.3				C 1.00m	T24	GAI	5*P		ST6	HOR02
2005 08 28.96	d	k	15.0	LA	35	L	5	a400	1.3				C 0.50m	T24	GAI	5*P		ST6	HOR02
2005 08 30.95	d	k	13.9	LA	35	L	5	A120	1.9		> 4.5m	244	C 1.90m	T24	GAI	5*P		ST6	HOR02
2005 08 30.95	d	k	14.4	LA	35	L	5	A120	1.9		> 4.5m	244	C 1.00m	T24	GAI	5*P		ST6	HOR02
2005 08 30.95	d	k	15.1	LA	35	L	5	A120	1.9		> 4.5m	244	C 0.50m	T24	GAI	5*P		ST6	HOR02
2005 09 01.96	d	C	13.8	LB	6.3M		8	a900	2.0				C 3.45m	K40	GAI	5*		ST7	SRB
2005 09 01.96	d	C	14.4	LB	6.3M		8	a900	2.0				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 01.96	d	C	14.5	LB	6.3M		8	a900	2.0				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 01.96	d	C	15.3	LB	6.3M		8	a900	2.0				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 02.94	d	C	13.0	LB	6.3M		8	a900	2.8				C 3.95m	K40	GAI	5*		ST7	SRB
2005 09 02.94	d	C	13.6	LB	6.3M		8	a900	2.8				C 2.85m	K40	GAI	5*		ST7	SRB
2005 09 02.94	d	C	13.8	LB	6.3M		8	a900	2.8				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 02.94	d	C	14.4	LB	6.3M		8	a900	2.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 02.94	d	C	15.3	LB	6.3M		8	a900	2.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 06.91	d	C	14.1	LB	6.3M		8	a900	1.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 06.91	d	C	14.6	LB	6.3M		8	a900	1.8				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 06.91	d	C	15.3	LB	6.3M		8	a900	1.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 07.93	d	C	13.9	LB	6.3M		8	a900	1.8				C 2.95m	K40	GAI	5*		ST7	SRB
2005 09 07.93	d	C	13.9	LB	6.3M		8	a900	1.8				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 07.93	d	C	14.0	LB	6.3M		8	a900	1.8				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 07.93	d	C	14.4	LB	6.3M		8	a900	1.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.93	d	k	14.3	LA	35	L	5	a440	1.6		3	m232	C 0.50m	T24	GAI	5*P		ST6	HOR02
2005 09 08.93	d	k	14.6	LA	35	L	5	a440	1.6		3	m232	C 0.25m	T24	GAI	5*P		ST6	HOR02
2005 09 23.90	d	C	12.9	LB	6.3M		8	a900	1.5				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 23.90	d	C	13.6	LB	6.3M		8	a900	1.5				C 1.50m	K40	GAI	5*		ST7	SRB
2005 09 23.90	d	C	14.1	LB	6.3M		8	a900	1.5				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 23.90	d	C	15.2	LB	6.3M		8	a900	1.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 07.90	d	C	13.0	LB	6.3M		8	a900	4.0				C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 07.90	d	C	14.0	LB	6.3M		8	a900	4.0				C 2.00m	K40	GAI	5*		ST7	SRB

Comet 29P/Schwassmann-Wachmann [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 07.90	d	C	14.8	LB	6.3M		8	a900	4.0				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 07.90	d	C	15.7	LB	6.3M		8	a900	4.0				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 09.92	d	C	13.7	LB	6.3M		8	a600	> 2				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 09.92	d	C	14.7	LB	6.3M		8	a600	> 2				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 09.92	d	C	15.2	LB	6.3M		8	a600	> 2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 10.84	d	C	13.4	LB	6.3M		8	a900	> 2.5				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 10.84	d	C	14.4	LB	6.3M		8	a900	> 2.5				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 10.84	d	C	14.8	LB	6.3M		8	a900	> 2.5				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 10.84	d	C	15.5	LB	6.3M		8	a900	> 2.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 11.85	d	C	13.7	LB	6.3M		8	a900	1.6				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 11.85	d	C	14.4	LB	6.3M		8	a900	1.6				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 11.85	d	C	14.8	LB	6.3M		8	a900	1.6				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 11.85	d	C	15.4	LB	6.3M		8	a900	1.6				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 19.80	d	C	13.1	LB	6.3M		8	a900	> 1				C 2.45m	K40	GAI	5*		ST7	SRB
2005 10 19.80	d	C	13.2	LB	6.3M		8	a900	> 1				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 19.80	d	C	14.4	LB	6.3M		8	a900	> 1				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 19.80	d	C	15.3	LB	6.3M		8	a900	> 1				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.76	d	k	13.7	LA	35	L	5	a600	1.6		> 5	m213	C 1.60m	T24	GAI	5*	P	ST6	HOR02
2005 10 27.76	d	k	14.1	LA	35	L	5	a600	1.6		> 5	m213	C 1.00m	T24	GAI	5*	P	ST6	HOR02
2005 10 27.76	d	k	14.8	LA	35	L	5	a600	1.6		> 5	m213	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 10 27.76	d	k	15.6	LA	35	L	5	a600	1.6		> 5	m213	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 10 27.82	d	C	13.4	LB	6.3M		8	a900	2.3				C 3.95m	K40	GAI	5*		ST7	SRB
2005 10 27.82	d	C	13.6	LB	6.3M		8	a900	2.3				C 2.45m	K40	GAI	5*		ST7	SRB
2005 10 27.82	d	C	13.7	LB	6.3M		8	a900	2.3				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 27.82	d	C	14.4	LB	6.3M		8	a900	2.3				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 27.82	d	C	15.3	LB	6.3M		8	a900	2.3				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.88	d	C	13.1	LB	6.3M		8	a900	> 2				C 2.45m	K40	GAI	5*		ST7	SRB
2005 10 29.88	d	C	13.5	LB	6.3M		8	a900	> 2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 29.88	d	C	14.1	LB	6.3M		8	a900	> 2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.88	d	C	14.4	LB	6.3M		8	a900	> 2				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.88	d	C	15.1	LB	6.3M		8	a900	> 2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 30.80	d	k	14.2	LA	35	L	5	A040	2.2		> 9	m213	C 1.00m	T24	GAI	5*	P	ST6	HOR02
2005 10 30.80	d	k	15.0	LA	35	L	5	A040	2.2		> 9	m213	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 10 30.80	d	k	15.7	LA	35	L	5	A040	2.2		> 9	m213	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 11 08.82	d	C	12.7	LB	6.3M		8	a900	2.4				C 2.95m	K40	GAI	5*		ST7	SRB
2005 11 08.82	d	C	13.0	LB	6.3M		8	a900	2.4				C 2.00m	K40	GAI	5*		ST7	SRB
2005 11 08.82	d	C	13.3	LB	6.3M		8	a900	2.4				C 1.50m	K40	GAI	5*		ST7	SRB
2005 11 08.82	d	C	13.6	LB	6.3M		8	a900	2.4				C 1.00m	K40	GAI	5*		ST7	SRB
2005 11 08.82	d	C	13.8	LB	6.3M		8	a900	2.4				C 0.75m	K40	GAI	5*		ST7	SRB
2005 11 08.82	d	C	14.3	LB	6.3M		8	a900	2.4				C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 09.75	d	C	12.3	LB	6.3M		8	a780	2.5				C 3.95m	K40	GAI	5*		ST7	SRB
2005 11 09.75	d	C	12.9	LB	6.3M		8	a780	2.5				C 2.45m	K40	GAI	5*		ST7	SRB
2005 11 09.75	d	C	13.0	LB	6.3M		8	a780	2.5				C 2.00m	K40	GAI	5*		ST7	SRB
2005 11 09.75	d	C	14.0	LB	6.3M		8	a780	2.5				C 1.00m	K40	GAI	5*		ST7	SRB
2005 11 09.75	d	C	14.6	LB	6.3M		8	a780	2.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 27.50	ax	C	15.5	HV	35.0	C	10	a 90	0.5	6			S 1.08m	KAIa	SI4	5		ST2	TSU02
2005 12 02.62	x	C	14.4	GA	15.0	L	6	a240	1.4				S 1.4 m	K26	SI5	5		ST9	YOS02
2005 12 09.77		C	15.7	UO	11.0	L	7	a360	0.33	4			C 0.33m	T25	A32	4		PIX	SHU
2006 01 03.56	ax	C	15.1	HV	35.0	C	10	a450	0.6	7			S 1.69m	KAIa	SI4	5		ST2	TSU02
2006 01 09.72	d	C[	14.5	LB	6.3M		8	A140					C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 21.55	x	C	14.6	TJ	15.0	L	6	a120	0.6				S 0.6 m	K26	SI5	5		ST9	YOS02
2006 01 23.68		C	14.1	UO	11.0	L	7	a360	0.33	4/			C 0.33m	T25	A32	4		PIX	SHU
2006 01 23.74	d	C	14.4	LB	6.3M		8	A200	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 23.74	d	C	14.4	LB	6.3M		8	A200	1.2				C 1.75m	K40	GAI	5*		ST7	SRB
2006 01 23.74	d	C	14.5	LB	6.3M		8	A200	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 23.74	d	C	14.8	LB	6.3M		8	A200	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 27.83	d	C	13.8	LB	6.3M		8	A080	1.0				C 2.45m	K40	GAI	5*		ST7	SRB
2006 01 27.83	d	C	13.9	LB	6.3M		8	A080	1.0				C 2.00m	K40	GAI	5*		ST7	SRB
2006 01 27.83	d	C	14.3	LB	6.3M		8	A080	1.0				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 27.83	d	C	14.7	LB	6.3M		8	A080	1.0				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 28.48	wx	C	14.0	HV	25.0	L	5	a120	0.5				S 0.5 m	K42	SI5	5	P	SE7	OHS
2006 02 23.45	ax	C	14.1	HV	35.0	C	10	a120	0.5	6			S 0.78m	KAIa	SI4	5		ST2	TSU02
2006 03 02.79	d	C	12.6	LB	6.3M		8	a840	2.3				C 2.45m	K40	GAI	5*		ST7	SRB
2006 03 02.79	d	C	12.8	LB	6.3M		8	a840	2.3				C 1.50m	K40	GAI	5*		ST7	SRB
2006 03 02.79	d	C	13.0	LB	6.3M		8	a840	2.3				C 1.00m	K40	GAI	5*		ST7	SRB

Comet 29P/Schwassmann-Wachmann [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 02.79	d	C	13.7	LB	6.3M		8	a840	2.3				C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	12.6	LB	6.3M		8	A200	1.2				C 2.95m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	12.9	LB	6.3M		8	A200	1.2				C 2.45m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	12.9	LB	6.3M		8	A200	1.2				C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	13.2	LB	6.3M		8	A200	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	13.2	LB	6.3M		8	A200	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	13.7	LB	6.3M		8	A200	1.2				C 0.50m	K40	GAI	5*		ST7	SRB

Comet 32P/Comas Solá

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 02 04.84	x	C	15.7	GA	15.0L		6	a240	0.5		?	270	S 0.5 m	K26	SI5	5		ST9	YOS02

Comet 37P/Forbes

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 09.70	d	C[	14.5	LB	6.3M		8	a900					C 1.50m	K40	GAI	5*		ST7	SRB
2005 11 24.39	ax	C	16.4	HV	35.0C		10	a900	0.3	3			S 0.61m	KAIaSI4		5		ST2	TSU02
2005 11 25.43	ax	C	16.3	HV	35.0C		10	A800	0.3	3			S 0.67m	KAIaSI4		5		ST2	TSU02

Comet 41P/Tuttle-Giacobini-Kresák

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 04 20.48	ax	C	14.5	HV	35.0C		10	a360	0.7	4			S 0.94m	KAIaSI4		5		ST2	TSU02

Comet 60P/Tsuchinshan

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.70	wx	C	17.9	TJ	25.0L		5	a240	0.3				S 0.3 m	K42	SI5	5	U	SE7	OHS
2006 01 27.98	d	C[	15.9	LB	6.3M		8	A200					C 0.75m	K40	GAI	5*		ST7	SRB
2006 03 20.57	ax	C	17.5	HV	35.0C		10	A920	0.3	4			S 0.30m	KAIaSI4		5		ST2	TSU02

Comet 65P/Gunn

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 29.58	wx	C	18.6	HV	25.0L		5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS

Comet 71P/Clark

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 07.77	wx	C	17.3	HV	25.0L		5	a240	0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS
2006 01 28.85	x	C	16.8	GA	15.0L		6	a240	0.3				S 0.3 m	K26	SI5	5		ST9	YOS02
2006 02 04.85	x	C	16.2	GA	15.0L		6	a240	0.4		0.4m	260	S 0.4 m	K26	SI5	5		ST9	YOS02
2006 03 30.77	wx	C	14.7	GA	15.0L		6	a240	0.5				S 0.5 m	K26	SI5	5		ST9	YOS02

Comet 73P/Schwassmann-Wachmann (comp. C, stated or assumed)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.75	wx	C	17.5	TJ	25.0L		5	a240	0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS
2005 12 07.81	ax	C	17.6	HV	35.0C		10	a900	0.3	4			S 0.60m	KAIaSI4		5		ST2	TSU02
2006 01 08.80	ax	C	16.2	HV	35.0C		10	a120	0.3	5	1.5m	287	S 0.70m	KAIaSI4		5		ST2	TSU02
2006 01 11.17	d	C	15.1	LB	6.3M		8	a840	1.2				C 1.50m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	15.1	LB	6.3M		8	a840	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	15.2	LB	6.3M		8	a840	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	15.8	LB	6.3M		8	a840	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 27.78	x	C	14.4	TJ	15.0L		6	a240	0.6		1.7m	290	S 0.6 m	K26	SI5	5		ST9	YOS02
2006 01 28.01	d	C	14.7	LB	6.3M		8	A140	1.0		> 2 m	295	C 2.00m	K40	GAI	5*		ST7	SRB
2006 01 28.01	d	C	14.7	LB	6.3M		8	A140	1.0		> 2 m	295	C 1.50m	K40	GAI	5*		ST7	SRB
2006 01 28.01	d	C	15.0	LB	6.3M		8	A140	1.0		> 2 m	295	C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 28.01	d	C	15.6	LB	6.3M		8	A140	1.0		> 2 m	295	C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 28.73	x	C	14.5	GA	15.0L		6	a240	0.7		1.7m	290	S 0.7 m	K26	SI5	5		ST9	YOS02
2006 01 31.19		C	15.5	UO	15.0L		5	a360	0.66	4			C 0.66m	T25	A32	4		PIX	SHU
2006 02 04.82	x	C	14.2	GA	15.0L		6	a240	0.7		?	285	S 0.7 m	K26	SI5	5		ST9	YOS02
2006 02 09.84	ax	C	14.1	HV	35.0C		10	a 90	0.4	5	3.5m	288	S 1.30m	KAIaSI4		5		ST2	TSU02
2006 02 23.64	ax	C	13.5	HV	35.0C		10	a 90	0.5	5	2.5m	284	S 1.25m	KAIaSI4		5		ST2	TSU02

Comet 73P/Schwassmann-Wachmann [comp. C, stated or assumed]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 01.00		C	14.5	UO	15.0L	5		a420	0.45				C 0.45m	T25	A32	4		PIX	SHU
2006 03 04.77	x	C	12.7	HV	25.0L	5		a120	1.3		7.0m	275	S 1.3 m	K42	SI5	5	P	SE7	OHS
2006 03 04.82	x	C	12.3	GA	15.0L	6		a240	1.4		6 m	280	C 1.4 m	K26	SI5	5		ST9	YOS02
2006 03 06.00		C	13.8	UO	15.0L	5		a360	0.43	7	3 m	298	C 0.43m	T25	A32	4		PIX	SHU
2006 03 06.82	d	C	11.9	LB	6.3M	8		A200	2.6		> 5 m	268	C 3.95m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	11.9	LB	6.3M	8		A200	2.6		> 5 m	268	C 2.60m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	12.1	LB	6.3M	8		A200	2.6		> 5 m	268	C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	12.5	LB	6.3M	8		A200	2.6		> 5 m	268	C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 06.82	d	C	13.2	LB	6.3M	8		A200	2.6		> 5 m	268	C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 07.76	x	C	12.6	HV	25.0L	5		a120	1.3		7.0m	270	S 1.3 m	K42	SI5	5	P	SE7	OHS
2006 03 08.05		C	13.3	UO	15.0L	5		a900	0.53		3 m	260	C 0.53m	T25	A32	4		PIX	SHU
2006 03 08.97		C	12.9	UO	15.0L	5		a300	0.54				C 0.54m	T25	A32	4		PIX	SHU
2006 03 10.06		C	12.7	UO	15.0L	5		a420	0.61		2.5m	278	C 0.68m	T25	A32	4		PIX	SHU
2006 03 10.06		C	12.9	UO	15.0L	5		a420	0.61		2.5m	278	C 0.64m	T25	A32	4		PIX	SHU
2006 03 10.06		C	13.2	UO	15.0L	5		a420	0.61		2.5m	278	C 0.61m	T25	A32	4		PIX	SHU
2006 03 19.92	d	C	10.3	LB	1.5A	4		a900	> 7				C 8.90m	K40	GAI	4*		ST7	SRB
2006 03 19.92	d	C	10.7	LB	1.5A	4		a900	> 7				C 4.45m	K40	GAI	4*		ST7	SRB
2006 03 20.75	ax	C	11.2	HV	35.0C	10		a 90	1.5	5	> 7.0m	260	S 4.17m	KAIaSI4		5		ST2	TSU02
2006 03 20.98		C	12.2	UO	15.0L	5		a360	0.47		1.2m	255	C 0.47m	T25	A32	4		PIX	SHU
2006 03 21.96		C	12.2	UO	15.0L	5		a480	0.52		3.0m	249	C 0.52m	T25	A32	4		PIX	SHU
2006 03 22.95		C	12.1	UO	15.0L	5		a600	0.55		2.0m	250	C 0.55m	T25	A32	4		PIX	SHU
2006 03 30.73	x	C	10.0	GA	15.0L	6		a 30	2.5		12 m	255	C 2.5 m	K26	SI5	5		ST9	YOS02
2006 03 31.75	x	C	10.4	HV	25.0L	5		a 60	2.0		>0.17	257	S 2.0 m	K42	SI5	5	P	SE7	OHS
2006 04 03.58	ax	C	10.0	HV	35.0C	10		a 60	2.0	5	5 m	236	S 3.10m	KAIaSI4		5		ST2	TSU02
2006 04 07.91		C	10.4	UO	15.0L	5		a480	0.72		3 m	250	C 0.72m	T25	A32	4		PIX	SHU
2006 04 16.61	ax	C	8.7	HV	35.0C	10		a 90					S 5.53m	KAIaSI4		5		ST2	TSU02
2006 04 21.88		C	9.6	UO	15.0L	5		a540	0.80		7 m	220	C 0.80m	T25	A32			PIX	SHU
2006 04 22.82		C	9.5	UO	15.0L	5		a240	0.78		7 m	230	C 0.78m	T25	A32			PIX	SHU
2006 04 23.95		C	9.5	UO	15.0L	5		a600	1.5		7 m	216	C 1.50m	T25	A32	4		PIX	SHU
2006 04 26.85		C	8.5	UO	15.0L	5		a360	1		8 m	220	C 1.00m	T25	A32	4		PIX	SHU
2006 04 27.84		C	8.7	UO	15.0L	5		a480	0.73		6 m	219	C 0.73m	T25	A32	4		PIX	SHU

Comet 73P/Schwassmann-Wachmann [comp. B]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 28.76	x	C	17.4	GA	15.0L	6		a420	0.3		0.6m	290	S 0.3 m	K26	SI5	5		ST9	YOS02
2006 02 04.80	x	C	16.8	GA	15.0L	6		a360	0.3		0.6m	285	S 0.3 m	K26	SI5	5		ST9	YOS02
2006 03 04.77	x	C	14.6	GA	15.0L	6		a240	0.7		1.5m	270	S 0.7 m	K26	SI5	5		ST9	YOS02
2006 03 19.92	d	C	11.7	LB	1.5A	4		a900	> 4				C 8.90m	K40	GAI	4*		ST7	SRB
2006 03 19.92	d	C	12.4	LB	1.5A	4		a900	> 4				C 4.45m	K40	GAI	4*		ST7	SRB
2006 03 20.73	ax	C	13.1	HV	35.0C	10		a 90	0.7	5	2.5m	267	S 1.82m	KAIaSI4		5		ST2	TSU02
2006 03 30.71	x	C	12.0	GA	15.0L	6		a 60	1.5		4.5m	252	C 1.5 m	K26	SI5	5		ST9	YOS02
2006 03 31.76	x	C	13.2	HV	25.0L	5		a 60	0.7		4.0m	244	S 2.0 m	K42	SI5	5	P	SE7	OHS
2006 04 03.55	ax	C	10.2	HV	35.0C	10		a 60	1.0	5	3 m	235	S 2.64m	KAIaSI4		5		ST2	TSU02
2006 04 16.59	ax	C	9.3	HV	35.0C	10		a 90					S 4.80m	KAIaSI4		5		ST2	TSU02
2006 04 22.88		C	11.7	UO	15.0L	5		a360	0.47		6 m	225	C 0.47m	T25	A32			PIX	SHU
2006 04 24.00		C	12.5	UO	15.0L	5		a480	0.45		8 m	214	C 0.45m	T25	A32	4		PIX	SHU
2006 04 26.87		C	10.5	UO	15.0L	5		a480	0.51		3 m	220	C 0.51m	T25	A32	4		PIX	SHU
2006 04 27.88		C	9.3	UO	15.0L	5		a480	1		5 m	219	C 1.00m	T25	A32	4		PIX	SHU

Comet 73P/Schwassmann-Wachmann [comp. G]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 20.70	ax	C	16.3	HV	35.0C	10		B400	0.3				S 0.97m	KAIaSI4		5		ST2	TSU02
2006 03 30.70	x	C	15.8	GA	15.0L	6		a240	0.5		1.2m	240	S 0.5 m	K26	SI5	5		ST9	YOS02
2006 04 03.56	ax	C	16.1	HV	35.0C	10		a900	0.3				S 0.86m	KAIaSI4		5		ST2	TSU02
2006 04 16.58	ax	C	12.4	HV	35.0C	10		a 90					S 2.21m	KAIaSI4		5		ST2	TSU02
2006 04 21.75	x	C	13.1	HV	25.0L	5		a120	1.9		4.2m	215	S 1.9 m	K42	SI5	5	P	SE7	OHS
2006 04 22.94		C	14.1	UO	15.0L	5		a900	0.25		2 m	225	C 0.25m	T25	A32			PIX	SHU
2006 04 26.93		C	14.6	UO	15.0L	5		a600	1	2/			C 1.00m	T25	A32	4		PIX	SHU

Comet 73P/Schwassmann-Wachmann [comp. J]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 04 26.94		C	17.3	UO	15.0L	5		a900	0.30	3			C 0.30m	T25	A32	4		PIX	SHU

Comet 73P/Schwassmann-Wachmann [comp. N]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 04 21.72	x	C	17.1	HV	25.0L		5	a240	0.5				S 0.5 m	K42	SI5	5	P	SE7	OHS

Comet 73P/Schwassmann-Wachmann [comp. R]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 04 21.73	x	C	17.4	HV	25.0L		5	a240	0.6		?	223	S 0.6 m	K42	SI5	5	P	SE7	OHS
2006 04 26.95		C	15.6	U0	15.0L		5	a720	0.36	3	1.6m	233	C 0.36m	T25	A32	4		PIX	SHU
2006 04 27.98		C	15.5	U0	15.0L		5	a720	0.23	3/	1.2m	234	C 0.23m	T25	A32	4		PIX	SHU

Comet 99P/Kowal

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.76	wx	C	17.8	TJ	25.0L		5	a240	0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS

Comet 101P/Chernykh

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 02.92	d	C[	16.0	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.93	d	C	15.0	LB	6.3M		8	a900	0.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.93	d	C	15.5	LB	6.3M		8	a900	0.8				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 08.93	d	C	15.7	LB	6.3M		8	a900	0.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 07.94	d	C	13.2	LB	6.3M		8	a900	1.7				C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 07.94	d	C	13.7	LB	6.3M		8	a900	1.7				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 07.94	d	C	13.9	LB	6.3M		8	a900	1.7				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 07.94	d	C	14.4	LB	6.3M		8	a900	1.7				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 07.94	d	C	15.6	LB	6.3M		8	a900	1.7				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 09.82	d	C	14.9	LB	6.3M		8	a900	1.7				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 09.82	d	C	14.9	LB	6.3M		8	a900	1.7				C 1.70m	K40	GAI	5*		ST7	SRB
2005 10 09.82	d	C	14.9	LB	6.3M		8	a900	1.7				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 09.82	d	C	16.0	LB	6.3M		8	a900	1.7				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.87	d	C	15.0	LB	6.3M		8	a900	0.9				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 27.87	d	C	15.2	LB	6.3M		8	a900	0.9				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 27.87	d	C	15.4	LB	6.3M		8	a900	0.9				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 27.87	d	C	15.7	LB	6.3M		8	a900	0.9				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.83	d	C	14.5	LB	6.3M		8	a900	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2005 10 29.83	d	C	14.6	LB	6.3M		8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.83	d	C	14.9	LB	6.3M		8	a900	1.2				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.83	d	C	15.4	LB	6.3M		8	a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 09.78	d	C	14.3	LB	6.3M		8	a900	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2005 11 09.78	d	C	14.8	LB	6.3M		8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 11 09.78	d	C	14.9	LB	6.3M		8	a900	1.2				C 0.75m	K40	GAI	5*		ST7	SRB
2005 11 09.78	d	C	15.3	LB	6.3M		8	a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB

Comet 101P/Chernykh [comp. A stated]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 25.50	ax	C	17.0	HV	35.0C		10	a270	0.4	4			S 0.74m	KAIa	SI4	5		ST2	TSU02
2005 12 29.52	wx	C	15.5	HV	25.0L		5	a240	0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS
2006 01 03.40	ax	C	16.4	HV	35.0C		10	a480	0.4	4			S 0.72m	KAIa	SI4	5		ST2	TSU02

Comet 119P/Parker-Hartley

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 23.77	d	C[	15.2	LB	6.3M		8	A200					C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 23.87		C	15.9	UO	11.0L		7	a420	0.30	2/			C 0.30m	T25	A32	4		PIX	SHU
2006 01 27.86	d	C[	16.0	LB	6.3M		8	A200					C 0.75m	K40	GAI	5*		ST7	SRB
2006 01 28.61	x	C	17.6	HV	25.0L		5	a240	0.5				S 0.5 m	K42	SI4	5	P	SE7	OHS

Comet 132P/Helin-Roman-Alu

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 25.43	wx	C	18.6	TJ	25.0L		5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS

Comet 161P/Hartley-IRAS

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 01.92	d	C	13.6	LB	6.3M	8	a900		1.4				C 2.45m	K40	GAI	5*		ST7	SRB
2005 09 01.92	d	C	14.1	LB	6.3M	8	a900		1.4				C 1.50m	K40	GAI	5*		ST7	SRB
2005 09 01.92	d	C	14.4	LB	6.3M	8	a900		1.4				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 01.92	d	C	14.9	LB	6.3M	8	a900		1.4				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 06.86	d	C	13.9	LB	6.3M	8	a900		1.5				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 06.86	d	C	14.2	LB	6.3M	8	a900		1.5				C 1.50m	K40	GAI	5*		ST7	SRB
2005 09 06.86	d	C	14.5	LB	6.3M	8	a900		1.5				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 06.86	d	C	15.3	LB	6.3M	8	a900		1.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.84	d	C	13.7	LB	6.3M	8	a900	>	2				C 2.95m	K40	GAI	5*		ST7	SRB
2005 09 08.84	d	C	13.7	LB	6.3M	8	a900	>	2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 08.84	d	C	14.3	LB	6.3M	8	a900	>	2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.84	d	C	15.5	LB	6.3M	8	a900	>	2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.73	d	C[	13.9	LB	6.3M	8	a780						C 0.75m	K40	GAI	5*		ST7	SRB

Comet 168P/Hergenrother

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 26.48	ax	C	16.9	HV	35.0C	10	a480		0.3	2			S 0.66m	KAIaSI4		5		ST2	TSU02

Comet 169P/NEAT

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 07.85	ax	C	18.4	HV	35.0C	10	A200		0.2				S 0.47m	KAIaSI4		5		ST2	TSU02
2006 01 08.79	ax	C	18.7	HV	35.0C	10	A440		0.2	4			S 0.48m	KAIaSI4		5		ST2	TSU02
2006 01 28.74	x	C	18.7	HV	25.0L	5	a240		0.5				S 0.5 m	K42	SI4	5	P	SE7	OHS

Comet 171P/Spahr

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.72	wx	C	17.5	TJ	25.0L	5	a240		0.6				S 0.6 m	K42	SI5	5	U	SE7	OHS
2006 01 08.77	ax	C	18.8	HV	35.0C	10	A320		0.3	3			S 0.42m	KAIaSI4		5		ST2	TSU02

Comet 173P/Mueller

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.64	wx	C	17.9	TJ	25.0L	5	a240		0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS

Comet 174P/Echeclus

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 07.85		C	14.8	TJ	25.0L	5	a960		1.0				S 1.0 m	K26	SI4	5*U		ST9	KAD02
2006 01 08.81		C	14.9	TJ	25.0L	5	A440		1.1				S 1.1 m	K26	SI4	5*U		ST9	KAD02
2006 01 11.17	d	C	14.3	LB	6.3M	8	a900		1.2				C 1.50m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	14.4	LB	6.3M	8	a900		1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	14.4	LB	6.3M	8	a900		1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 11.17	d	C	15.1	LB	6.3M	8	a900		1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 28.04	d	C	13.3	LB	6.3M	8	A200	>	1.6				C 3.70m	K40	GAI	5*		ST7	SRB
2006 01 28.04	d	C	13.6	LB	6.3M	8	A200	>	1.6				C 2.95m	K40	GAI	5*		ST7	SRB
2006 01 28.04	d	C	13.9	LB	6.3M	8	A200	>	1.6				C 1.60m	K40	GAI	5*		ST7	SRB
2006 01 28.04	d	C	14.5	LB	6.3M	8	A200	>	1.6				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 28.04	d	C	15.6	LB	6.3M	8	A200	>	1.6				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 28.78	x	C	14.4	GA	15.0L	6	a240		0.9				S 1.0 m	K26	SI5	5		ST9	YOS02
2006 02 09.86	ax	C	14.3	HV	35.0C	10	A080		1.0	2			S 1.74m	KAIaSI4		5		ST2	TSU02
2006 03 20.60	ax	C	14.6	HV	35.0C	10	C720		0.8	1			S 1.64m	KAIaSI4		5		ST2	TSU02
2006 04 16.53	ax	C	15.7	HV	35.0C	10	B640		0.5	3			S 1.18m	KAIaSI4		5		ST2	TSU02

Comet C/1995 O1 (Hale-Bopp)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 28.82	ax	C	19.1	HV	18.0H	3	a720						S 0.38m	KAIaSI4		5*		ST2	TSU02
2006 01 29.56	ax	C	19.2	HV	18.0H	3	C300						S 0.61m	KAIaSI4		5*		ST2	TSU02

Comet C/2001 Q4 (NEAT)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 09.86	d	C	[16.1	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB

Comet C/2002 T7 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 28.69	x	C	17.4	HV	25.0L		5	a240	0.6				S 0.6 m	K42	SI5	5	P	SE7	OHS

Comet C/2002 VQ_94 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 08.74	x	C	16.6	HV	25.0L		5	a240	0.5		?		S 0.5 m	K42	SI5	5	U	SE7	OHS

Comet C/2003 K4 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 07.98	d	C	13.1	LB	6.3M		8	a900	1.2				C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 07.98	d	C	13.4	LB	6.3M		8	a900	1.2				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 07.98	d	C	13.8	LB	6.3M		8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 07.98	d	C	14.4	LB	6.3M		8	a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.93	d	C	12.9	LB	6.3M		8	a900	2.4				C 3.95m	K40	GAI	5*		ST7	SRB
2005 10 27.93	d	C	13.3	LB	6.3M		8	a900	2.4				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 27.93	d	C	13.6	LB	6.3M		8	a900	2.4				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 27.93	d	C	14.4	LB	6.3M		8	a900	2.4				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.90	d	C	13.2	LB	6.3M		8	a900	1.6				C 2.45m	K40	GAI	5*		ST7	SRB
2005 10 29.90	d	C	13.6	LB	6.3M		8	a900	1.6				C 1.60m	K40	GAI	5*		ST7	SRB
2005 10 29.90	d	C	13.8	LB	6.3M		8	a900	1.6				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.90	d	C	14.6	LB	6.3M		8	a900	1.6				C 0.50m	K40	GAI	5*		ST7	SRB
2005 12 02.64	x	C	14.4	GA	15.0L		6	a240	0.9				S 0.9 m	K26	SI5	5		ST9	YOS02
2005 12 26.52	ax	C	15.1	HV	35.0C		10	a360	0.6	5			S 1.00m	KAIaSI4		5		ST2	TSU02
2006 02 21.44	ax	C	16.5	HV	35.0C		10	A260	0.6	3			S 0.44m	KAIaSI4		5		ST2	TSU02

Comet C/2003 WT_42 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 29.96	d	C	14.2	LB	6.3M		8	a900	1.2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 29.96	d	C	14.4	LB	6.3M		8	a900	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2005 10 29.96	d	C	14.6	LB	6.3M		8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.96	d	C	14.8	LB	6.3M		8	a900	1.2				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.96	d	C	15.2	LB	6.3M		8	a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 12.74	x	C	14.9	TJ	25.0L		5	a120	0.9		1.3m	293	S 0.9 m	K42	SI5	5	U	SE7	OHS
2005 11 27.76	ax	C	14.9	HV	35.0C		10	a 90	0.5	5	1.5m	290	S 0.82m	KAIaSI4		5		ST2	TSU02
2005 12 02.74	x	C	14.9	GA	15.0L		6	a240	0.7		1.2m	290	S 0.7 m	K26	SI5	5		ST9	YOS02
2006 01 06.90		C	14.0	UO	11.0L		7	a240	0.16	8			C 0.16m	T25	A32	4		PIX	SHU
2006 01 08.57	ax	C	14.5	HV	35.0C		10	a120	0.6	5	3.0m	286	S 1.07m	KAIaSI4		5		ST2	TSU02
2006 01 11.14	d	C	14.1	LB	6.3M		8	a900	1.4		> 0.8m	301	C 2.45m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.2	LB	6.3M		8	a900	1.4		> 0.8m	301	C 2.00m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.4	LB	6.3M		8	a900	1.4		> 0.8m	301	C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.4	LB	6.3M		8	a900	1.4		> 0.8m	301	C 1.50m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.5	LB	6.3M		8	a900	1.4		> 0.8m	301	C 0.75m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.5	LB	6.3M		8	a900	1.4		> 0.8m	301	C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 11.14	d	C	14.8	LB	6.3M		8	a900	1.4		> 0.8m	301	C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 23.79	d	C	13.8	LB	6.3M		8	A200	1.1				C 2.00m	K40	GAI	5*		ST7	SRB
2006 01 23.79	d	C	14.2	LB	6.3M		8	A200	1.1				C 1.50m	K40	GAI	5*		ST7	SRB
2006 01 23.79	d	C	14.4	LB	6.3M		8	A200	1.1				C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 23.79	d	C	14.4	LB	6.3M		8	A200	1.1				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 23.79	d	C	15.0	LB	6.3M		8	A200	1.1				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 23.80		C	15.8	UO	11.0L		7	a420	0.83	3/			C 0.83m	T25	A32	4		PIX	SHU
2006 01 27.93	d	C	14.1	LB	6.3M		8	A200	1.2		> 1.8m	280	C 2.00m	K40	GAI	5*		ST7	SRB
2006 01 27.93	d	C	14.3	LB	6.3M		8	A200	1.2		> 1.8m	280	C 1.25m	K40	GAI	5*		ST7	SRB
2006 01 27.93	d	C	14.4	LB	6.3M		8	A200	1.2		> 1.8m	280	C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 27.93	d	C	14.9	LB	6.3M		8	A200	1.2		> 1.8m	280	C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 29.88		C	15.6	UO	11.0L		7	a180	0.5	3/			C 0.5 m	T25	A32	4		PIX	SHU
2006 01 30.81		C	14.6	UO	11.0L		7	a180	0.8	3/			C 0.8 m	T25	A32	4		PIX	SHU
2006 01 31.80		C	15.4	UO	15.0L		7	a360	0.75	5			C 0.75m	T25	A32	4		PIX	SHU
2006 02 04.75	x	C	14.3	GA	15.0L		6	a240	0.8		1.8m	285	S 0.8 m	K26	SI5	5		ST9	YOS02

Comet C/2003 WT_42 (LINEAR) [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 02 23.50	a	xC	14.7	HV	35.0	C	10	a120	0.6	5	2.0m	284	S 1.05m	KAIaSI4		5		ST2	TSU02
2006 03 04.75	x	C	14.5	TJ	25.0	L	5	a120	0.7		2.5m	286	S 0.7 m	K42	SI5	5	P	SE7	OHS
2006 03 06.87	d	C	14.3	LB	6.3	M	8	A140	1.2		1.7m	279	C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 06.87	d	C	14.4	LB	6.3	M	8	A140	1.2		1.7m	279	C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 06.87	d	C	14.4	LB	6.3	M	8	A140	1.2		1.7m	279	C 1.25m	K40	GAI	5*		ST7	SRB
2006 03 06.87	d	C	14.9	LB	6.3	M	8	A140	1.2		1.7m	279	C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 07.93	d	C	13.9	LB	6.3	M	8	a840	2.0		2.0m	279	C 2.50m	K40	GAI	5*		ST7	SRB
2006 03 07.93	d	C	14.1	LB	6.3	M	8	a840	2.0		2.0m	279	C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 07.93	d	C	14.2	LB	6.3	M	8	a840	2.0		2.0m	279	C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 07.93	d	C	15.1	LB	6.3	M	8	a840	2.0		2.0m	279	C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 19.86	d	C[	12.0	LB	1.5	A	4	a900					C 3.35m	K40	GAI	4*		ST7	SRB
2006 03 20.50	a	xC	14.5	HV	35.0	C	10	a600	0.5	5	4.5m	283	S 1.10m	KAIaSI4		5		ST2	TSU02
2006 03 30.57	x	C	14.3	GA	15.0	L	6	a240	0.6		1.4m	285	S 0.6 m	K26	SI5	5		ST9	YOS02
2006 03 31.66	x	C	14.8	TJ	25.0	L	5	a 90	0.7		0.9m	288	S 0.7 m	K42	SI5	5	P	SE7	OHS
2006 04 20.50	a	xC	14.4	HV	35.0	C	10	a120	0.5	5	2.5m	290	S 1.08m	KAIaSI4		5		ST2	TSU02
2006 04 24.95		C	14.6	UO	15.0	L	5	a480	0.70	3/			C 0.70m	T25	A32	4		PIX	SHU
2006 04 27.00		C	15.4	UO	15.0	L	5	a480	0.43	3/			C 0.43m	T25	A32	4		PIX	SHU

Comet C/2004 B1 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 30.81	x	C	12.6	GA	15.0	L	6	a240	1.1		2.5m	165	S 1.1 m	K26	SI5	5		ST9	YOS02

Comet C/2004 D1 (NEAT)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 27.79	a	xC	16.7	HV	35.0	C	10	A440	0.3	3			S 0.65m	KAIaSI4		5		ST2	TSU02
2005 12 02.76	x	C	16.4	GA	15.0	L	6	a540	0.4		1.0m	288	S 0.4 m	K26	SI5	5		ST9	YOS02
2006 01 08.54	a	xC	16.5	HV	35.0	C	10	a360	0.3	4			S 0.77m	KAIaSI4		5		ST2	TSU02
2006 02 23.56	a	xC	16.6	HV	35.0	C	10	a360	0.3	4	0.8m	270	S 0.77m	KAIaSI4		5		ST2	TSU02

Comet C/2004 K1 (Catalina)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 09.87	x	C	16.6	GA	15.0	L	6	a600	0.5				S 0.5 m	K26	SI5	5		ST9	YOS02
2006 01 07.75	x	C	17.1	HV	25.0	L	5	a240	0.6		4.2m	92	S 0.6 m	K42	SI5	5	U	SE7	OHS
2006 02 23.60	a	xC	16.5	HV	35.0	C	10	A440	0.3	4			S 0.59m	KAIaSI4		5		ST2	TSU02
2006 03 07.74	x	C	17.1	HV	25.0	L	5	a120	0.2		> 0.5m	120	S 0.2 m	K42	SI5	5	P	SE7	OHS

Comet C/2004 Q2 (Machholz)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 06 01.94	d	k	9.6	LA	35	L	5	a840	11				C 8.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.94	d	k	10.0	LA	35	L	5	a840	11				C 4.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.94	d	k	10.7	LA	35	L	5	a840	11				C 2.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.94	d	k	11.5	LA	35	L	5	a840	11				C 1.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.94	d	k	12.2	LA	35	L	5	a840	11				C 0.50m	T24	GAI	5*P		ST6	HOR02
2005 09 07.83	d	C	12.2	LB	6.3	M	8	a900	1.8				C 3.95m	K40	GAI	5*		ST7	SRB
2005 09 07.83	d	C	12.4	LB	6.3	M	8	a900	1.8				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 07.83	d	C	13.2	LB	6.3	M	8	a900	1.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 07.83	d	C	13.9	LB	6.3	M	8	a900	1.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.82	d	C	11.6	LB	6.3	M	8	a900	> 2				C 3.95m	K40	GAI	5*		ST7	SRB
2005 09 08.82	d	C	12.5	LB	6.3	M	8	a900	> 2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 08.82	d	C	13.5	LB	6.3	M	8	a900	> 2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.82	d	C	14.3	LB	6.3	M	8	a900	> 2				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 07.85	wx	C	15.6	HV	25.0	L	5	a120	0.5		?	300	S 0.5 m	K42	SI5	5	U	SE7	OHS
2006 01 28.86	x	C	15.9	GA	15.0	L	6	a240	0.5				S 0.5 m	K26	SI5	5		ST9	YOS02
2006 03 04.79	x	C	15.6	GA	15.0	L	6	a240	0.5				S 0.5 m	K26	SI5	5		ST9	YOS02
2006 03 30.75	x	C	15.8	GA	15.0	L	6	a240	0.5				S 0.5 m	K26	SI5	5		ST9	YOS02

Comet P/2004 VR_8 (LONEOS)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 12.80	wx	C	15.6	TJ	25.0	L	5	a120	0.6		1.4m	306	S 0.6 m	K42	SI5	5	U	SE7	OHS
2006 01 08.84	a	xC	15.9	HV	35.0	C	10	a480	0.3	5	5.5m	299	S 0.78m	KAIaSI4		5		ST2	TSU02

Comet P/2004 VR_8 (LONEOS) [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 11.20	d	C	[15.5	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 28.06	d	C	[15.8	LB	6.3M		8	A200					C 0.75m	K40	GAI	5*		ST7	SRB
2006 01 28.81	x	C	15.4	GA	15.0	L	6	a240	0.5		?	290	S 0.5 m	K26	SI5	5		ST9	YOS02
2006 03 08.05		C	14.8	UO	15.0	L	5	a900	0.37	6			C 0.37m	T25	A32	4		PIX	SHU
2006 03 09.07		C	14.7	UO	15.0	L	5	a900	0.27				C 0.27m	T25	A32	4		PIX	SHU
2006 03 22.06		C	15.8	UO	15.0	L	5	a660	0.41				C 0.41m	T25	A32	4		PIX	SHU
2006 04 20.59	ax	C	16.6	HV	35.0	C	10	a360	0.2	4		3.0m291	S 0.92m	KAIaSI	4	5		ST2	TSU02

Comet C/2004 YJ_35 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 02 27.48		C	18.1	GA	60.0	Y	6	a240		9			S 0.3 m	SIA	IPL	5	U	Ap7	NAK01
2005 03 07.50		C	18.0	GA	60.0	Y	6	a240		9			S 0.3 m	SIA	IPL	5	U	Ap7	NAK01
2005 03 30.48		C	18.0	GA	60.0	Y	6	a240		9			S 0.3 m	SIA	IPL	5	U	Ap7	NAK01

Comet C/2005 A1 (LINEAR) [comp. A]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 08 28.88	d	k	13.8	LA	35	L	5	a760	2.4		> 8.5m	190	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 08 28.88	d	k	14.4	LA	35	L	5	a760	2.4		> 8.5m	190	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 08 30.90	d	k	13.9	LA	35	L	5	a800	2.0		>11.5m	189	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 08 30.90	d	k	14.5	LA	35	L	5	a800	2.0		>11.5m	189	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 01.94	d	C	12.4	LB	6.3M		8	a900	2.6		> 6	m189	C 2.60m	K40	GAI	5*		ST7	SRB
2005 09 01.94	d	C	12.9	LB	6.3M		8	a900	2.6		> 6	m189	C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 01.94	d	C	13.6	LB	6.3M		8	a900	2.6		> 6	m189	C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 01.94	d	C	14.3	LB	6.3M		8	a900	2.6		> 6	m189	C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 07.91	d	C	13.6	LB	6.3M		8	a900	1.6		> 4	m187	C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 07.91	d	C	14.0	LB	6.3M		8	a900	1.6		> 4	m187	C 1.60m	K40	GAI	5*		ST7	SRB
2005 09 07.91	d	C	14.1	LB	6.3M		8	a900	1.6		> 4	m187	C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 07.91	d	C	14.5	LB	6.3M		8	a900	1.6		> 4	m187	C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	k	14.1	LA	35	L	5	a480	1.4		>10	m181	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 09 08.92	d	k	14.7	LA	35	L	5	a480	1.4		>10	m181	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 23.84	d	k	14.5	LA	35	L	5	a520	1.3		>10	m170	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 09 23.84	d	k	15.0	LA	35	L	5	a520	1.3		>10	m170	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 23.89	d	C	12.8	LB	6.3M		8	a900	1.1		> 4	m172	C 3.95m	K40	GAI	5*		ST7	SRB
2005 09 23.89	d	C	13.2	LB	6.3M		8	a900	1.1		> 4	m172	C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 23.89	d	C	13.5	LB	6.3M		8	a900	1.1		> 4	m172	C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 23.89	d	C	14.5	LB	6.3M		8	a900	1.1		> 4	m172	C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 25.77	d	k	14.5	LA	35	L	5	a600	1.8		>11	m171	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 09 25.77	d	k	15.1	LA	35	L	5	a600	1.8		>11	m171	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 10 07.88	d	C	13.9	LB	6.3M		8	a900	1.1		> 7	m164	C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 07.88	d	C	14.4	LB	6.3M		8	a900	1.1		> 7	m164	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 07.88	d	C	15.2	LB	6.3M		8	a900	1.1		> 7	m164	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.78	d	k	15.8	LA	35	L	5	a440	0.8		4.0m	136	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 10 27.78	d	k	16.2	LA	35	L	5	a440	0.8		4.0m	136	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 11 25.48	ax	C	16.9	HV	35.0	C	10	B640	0.3	4			S 0.57m	KAIaSI	4	5		ST2	TSU02
2005 11 26.45	ax	C	16.3	HV	35.0	C	10	a540	0.3	4			S 0.57m	KAIaSI	4	5		ST2	TSU02
2005 12 26.43	ax	C	17.9	HV	35.0	C	10	A200	0.2	4			S 0.47m	KAIaSI	4	5		ST2	TSU02

Comet C/2005 A1 (LINEAR) [comp. B]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 08 28.88	d	k	14.6	LA	35	L	5	a760	0.8		> 2	m190	C 0.50m	T24	GAI	5*	P	ST6	HOR02
2005 08 28.88	d	k	15.5	LA	35	L	5	a760	0.8		> 2	m190	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 08 30.90	d	k	15.6	LA	35	L	5	a800	0.6		> 2.5m	189	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 01.94	d	C	15.3	LB	6.3M		8	a900	0.5				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 07.91	d	C	14.8	LB	6.3M		8	a900	0.5				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	k	15.9	LA	35	L	5	a480	0.4		> 2.5m	181	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 23.84	d	k	16.2	LA	35	L	5	a520	0.4		> 2.5m	170	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 09 23.89	d	C	15.0	LB	6.3M		8	a900	0.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 25.77	d	k	16.6	LA	35	L	5	a600	0.4		> 2	m171	C 0.25m	T24	GAI	5*	P	ST6	HOR02
2005 10 07.88	d	C	15.8	LB	6.3M		8	a900	0.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.78	d	k	17.9	LA	35	L	5	a440	0.2		1	m136	C 0.20m	T24	GAI	5*	P	ST6	HOR02

Comet C/2005 B1 (Christensen)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 06 01.99	d	k	16.3	LA	35	L	5	a840	0.55		1.0m	189	C 1.00m	T24	GAI	5*P		ST6	HOR02
2005 06 01.99	d	k	16.5	LA	35	L	5	a840	0.55		1.0m	189	C 0.55m	T24	GAI	5*P		ST6	HOR02
2005 09 01.89	d	C[	15.7	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 07.87	d	C[	14.9	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 09.76	d	C	15.6	LB	6.3M		8	a900	0.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 09.76	d	C	15.8	LB	6.3M		8	a900	0.8				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 09.76	d	C	15.8	LB	6.3M		8	a900	0.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 10.78	d	C[	15.9	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.77	d	C	15.3	LB	6.3M		8	a900	0.9				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.77	d	C	15.4	LB	6.3M		8	a900	0.9				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.77	d	C	16.0	LB	6.3M		8	a900	0.9				C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 09.71	d	C	14.9	LB	6.3M		8	a900	1.0				C 1.50m	K40	GAI	5*		ST7	SRB
2005 11 09.71	d	C	15.2	LB	6.3M		8	a900	1.0				C 1.00m	K40	GAI	5*		ST7	SRB
2005 11 09.71	d	C	15.5	LB	6.3M		8	a900	1.0				C 0.75m	K40	GAI	5*		ST7	SRB
2005 11 09.71	d	C	15.7	LB	6.3M		8	a900	1.0				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 07.81	x	C	16.3	HV	25.0L		5	a120	0.3		?		S 0.3 m	K42	SI5	5	U	SE7	OHS
2006 01 08.87	ax	C	15.8	HV	35.0C	10	a	90	0.4	3			S 0.68m	KAIaSI4		5		ST2	TSU02
2006 01 23.71	d	C[	14.7	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB

Comet C/2005 E2 (McNaught)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 23.37	ax	C	11.8	HV	35.0C	10	a	90	0.7	5	1.5m	225	S 1.35m	KAIaSI4		5		ST2	TSU02
2005 11 25.39	x	C	11.9	TJ	25.0L		5	a 30	1.3		?		S 1.3 m	K42	SI5	5	U	SE7	OHS
2005 12 07.37	ax	C	11.7	HV	35.0C	10	a	60	0.8	5	1.0m	220	S 1.40m	KAIaSI4		5		ST2	TSU02
2005 12 26.37	ax	C	11.4	HV	35.0C	10	a	90	1.2	5	2.2m	221	S 1.67m	KAIaSI4		5		ST2	TSU02
2006 01 28.44	wx	C	10.6	HV	25.0L		5	a120	1.0		5.0m	226	S 1.0 m	K42	SI5	5	P	SE7	OHS
2006 02 23.42	ax	C	11.4	HV	35.0C	10	a	60	0.5	5	1.5m	222	S 1.47m	KAIaSI4		5		ST2	TSU02
2006 03 20.41	ax	C	12.1	HV	35.0C	10	a	300	0.4	4			S 0.92m	KAIaSI4		5		ST2	TSU02

Comet C/2005 EL_173 (LONEOS)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 04.63	x	C	17.0	HV	25.0L		5	a240	0.4				S 0.4 m	K42	SI5	5	P	SE7	OHS

Comet P/2005 JQ_5 (Catalina)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 06 01.96	d	k	14.6	LA	35	L	5	a760	0.8		1.0m	144	C 1.50m	T24	GAI	5*P		ST6	HOR02
2005 06 01.96	d	k	15.0	LA	35	L	5	a760	0.8		1.0m	144	C 0.80m	T24	GAI	5*P		ST6	HOR02
2005 06 01.96	d	k	15.3	LA	35	L	5	a760	0.8		1.0m	144	C 0.50m	T24	GAI	5*P		ST6	HOR02

Comet C/2005 K1 (Skiff)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 01.86	d	C	15.5	LB	6.3M		8	a900	0.9				C 1.25m	K40	GAI	5*		ST7	SRB
2005 09 01.86	d	C	15.6	LB	6.3M		8	a900	0.9				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 01.86	d	C	15.6	LB	6.3M		8	a900	0.9				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 02.90	d	C	15.4	LB	6.3M		8	a900	0.8				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 02.90	d	C	15.6	LB	6.3M		8	a900	0.8				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 02.90	d	C	15.8	LB	6.3M		8	a900	0.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 06.87	d	C	14.9	LB	6.3M		8	a900	1.1				C 1.50m	K40	GAI	5*		ST7	SRB
2005 09 06.87	d	C	15.0	LB	6.3M		8	a900	1.1				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 06.87	d	C	15.0	LB	6.3M		8	a900	1.1				C 1.25m	K40	GAI	5*		ST7	SRB
2005 09 06.87	d	C	15.6	LB	6.3M		8	a900	1.1				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 07.89	d	C[	15.9	LB	6.3M		8	a900					C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.85	d	C[	15.6	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 09.78	d	C[	16.1	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 29.75	d	C[	14.9	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB

Comet P/2005 K3 (McNaught)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 01.98	d	C	13.7	LB	6.3M		8	a900	1.2		> 1	m249	C 1.25m	K40	GAI	5*		ST7	SRB
2005 09 01.98	d	C	14.0	LB	6.3M		8	a900	1.2		> 1	m249	C 1.00m	K40	GAI	5*		ST7	SRB

Comet P/2005 K3 (McNaught) [cont.]

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 01.98	d	C	14.9	LB	6.3M	8	a900	1.2		> 1	m249	C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 02.96	d	C	14.3	LB	6.3M	8	a900	1.2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 02.96	d	C	14.6	LB	6.3M	8	a900	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2005 09 02.96	d	C	14.7	LB	6.3M	8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 02.96	d	C	14.8	LB	6.3M	8	a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 06.93	d	C	14.0	LB	6.3M	8	a900	1.0		1	m263	C 1.50m	K40	GAI	5*		ST7	SRB
2005 09 06.93	d	C	14.3	LB	6.3M	8	a900	1.0		1	m263	C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 06.93	d	C	14.5	LB	6.3M	8	a900	1.0		1	m263	C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 06.93	d	C	14.8	LB	6.3M	8	a900	1.0		1	m263	C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	C	13.7	LB	6.3M	8	a900	0.9				C 1.25m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	C	14.1	LB	6.3M	8	a900	0.9				C 0.75m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	C	14.1	LB	6.3M	8	a900	0.9				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.92	d	C	14.6	LB	6.3M	8	a900	0.9				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 07.97	d	C	14.6	LB	6.3M	8	a300	0.8				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 09.89	d	C	14.4	LB	6.3M	8	a900	1.1				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 09.89	d	C	14.6	LB	6.3M	8	a900	1.1				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 09.89	d	C	15.1	LB	6.3M	8	a900	1.1				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 10.88	d	C	14.1	LB	6.3M	8	a900	1.0				C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 10.88	d	C	14.9	LB	6.3M	8	a900	1.0				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 10.88	d	C	14.9	LB	6.3M	8	a900	1.0				C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 10.88	d	C	15.2	LB	6.3M	8	a900	1.0				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 11.88	d	C	14.5	LB	6.3M	8	A200	1.0		> 2.5m	260	C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 11.88	d	C	14.5	LB	6.3M	8	A200	1.0		> 2.5m	260	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 11.88	d	C	14.7	LB	6.3M	8	A200	1.0		> 2.5m	260	C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 11.88	d	C	15.1	LB	6.3M	8	A200	1.0		> 2.5m	260	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.89	d	C	15.1	LB	6.3M	8	a900	0.9				C 0.75m	K40	GAI	5*		ST7	SRB
2005 10 27.89	d	C	15.5	LB	6.3M	8	a900	0.9				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.92	d	C	15.1	LB	6.3M	8	a900	1.2		> 1.5m	252	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.92	d	C	15.1	LB	6.3M	8	a900	1.2		> 1.5m	252	C 1.20m	K40	GAI	5*		ST7	SRB
2005 10 29.92	d	C	15.6	LB	6.3M	8	a900	1.2		> 1.5m	252	C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 27.53	ax	C	16.2	HV	35.0C	10	a900	0.4	4	1.8m	240	S 0.44m	KAIaSI4		5		ST2	TSU02
2005 12 02.69	x	C	15.8	GA	15.0L	6	a240	0.4		1.1m	230	S 0.4 m	K26	SI5	5		ST9	YOS02
2006 01 03.60	ax	C	17.1	HV	35.0C	10	A680	0.3	4			S 0.38m	KAIaSI4		5		ST2	TSU02

Comet C/2005 N1 (Juels-Holvorcem)

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 12.82	wx	C	15.3	TJ	25.0L	5	a120	0.8		1.1m	332	S 0.8 m	K42	SI5	5	U	SE7	OHS
2006 01 08.86	ax	C	16.2	HV	35.0C	10	a120	0.5	4			S 0.79m	KAIaSI4		5		ST2	TSU02
2006 01 11.22	d	C[	15.1	LB	6.3M	8	a600					C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 28.79	x	C	16.6	GA	15.0L	6	a240	0.4				S 0.4 m	K26	SI5	5		ST9	YOS02
2006 01 28.81	x	C	15.4	HV	25.0L	5	a240	0.6		?	326	S 0.6 m	K42	SI4	5	P	SE7	OHS

Comet C/2005 P3 (SWAN)

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 09 01.84	d	C	11.5	LB	6.3M	8	a780	> 4				C 5.90m	K40	GAI	5*		ST7	SRB
2005 09 01.84	d	C	11.6	LB	6.3M	8	a780	> 4				C 3.45m	K40	GAI	5*		ST7	SRB
2005 09 01.84	d	C	12.1	LB	6.3M	8	a780	> 4				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 01.84	d	C	12.9	LB	6.3M	8	a780	> 4				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 01.84	d	C	14.0	LB	6.3M	8	a780	> 4				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 07.81	d	C	13.4	LB	6.3M	8	a780	> 2				C 3.95m	K40	GAI	5*		ST7	SRB
2005 09 07.81	d	C	13.7	LB	6.3M	8	a780	> 2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 07.81	d	C	14.5	LB	6.3M	8	a780	> 2				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 07.81	d	C	15.3	LB	6.3M	8	a780	> 2				C 0.50m	K40	GAI	5*		ST7	SRB
2005 09 08.80	d	C	12.7	LB	6.3M	8	a780	2.5				C 2.45m	K40	GAI	5*		ST7	SRB
2005 09 08.80	d	C	13.1	LB	6.3M	8	a780	2.5				C 2.00m	K40	GAI	5*		ST7	SRB
2005 09 08.80	d	C	13.8	LB	6.3M	8	a780	2.5				C 1.00m	K40	GAI	5*		ST7	SRB
2005 09 08.80	d	C	15.0	LB	6.3M	8	a780	2.5				C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.91	d	C[	16.0	LB	6.3M	8	a900					C 0.75m	K40	GAI	5*		ST7	SRB

Comet P/2005 R1 (NEAT)

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 09.88	d	C	16.0	LB	6.3M	8	a900	0.7				C 0.50m	K40	GAI	5*		ST7	SRB

Comet P/2005 R1 (NEAT) [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 29.86	d	C[	15.9	LB	6.3M		8	a900					C 0.75m	K40	GAI	5*		ST7	SRB
2005 11 26.55	ax	C	17.1	HV	35.0C		10	a960	0.3	4			S 0.60m	KAIaSI4		5		ST2	TSU02

Comet P/2005 R2 (Van Ness)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 07.92	d	C	13.0	LB	6.3M		8	a900	1.4		> 2	m231	C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 07.92	d	C	13.3	LB	6.3M		8	a900	1.4		> 2	m231	C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 07.92	d	C	13.5	LB	6.3M		8	a900	1.4		> 2	m231	C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 07.92	d	C	13.7	LB	6.3M		8	a900	1.4		> 2	m231	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 07.92	d	C	14.3	LB	6.3M		8	a900	1.4		> 2	m231	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 09.84	d	C	13.3	LB	6.3M		8	a900	1.8		> 3	m243	C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 09.84	d	C	13.7	LB	6.3M		8	a900	1.8		> 3	m243	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 09.84	d	C	14.3	LB	6.3M		8	a900	1.8		> 3	m243	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 10.86	d	C	13.3	LB	6.3M		8	a900	1.8		> 4	m233	C 3.60m	K40	GAI	5*		ST7	SRB
2005 10 10.86	d	C	13.5	LB	6.3M		8	a900	1.8		> 4	m233	C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 10.86	d	C	13.5	LB	6.3M		8	a900	1.8		> 4	m233	C 1.80m	K40	GAI	5*		ST7	SRB
2005 10 10.86	d	C	14.0	LB	6.3M		8	a900	1.8		> 4	m233	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 10.86	d	C	14.6	LB	6.3M		8	a900	1.8		> 4	m233	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 11.83	d	C	13.3	LB	6.3M		8	a900	1.8		> 2.5m	240	C 2.70m	K40	GAI	5*		ST7	SRB
2005 10 11.83	d	C	13.5	LB	6.3M		8	a900	1.8		> 2.5m	240	C 1.80m	K40	GAI	5*		ST7	SRB
2005 10 11.83	d	C	13.8	LB	6.3M		8	a900	1.8		> 2.5m	240	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 11.83	d	C	14.4	LB	6.3M		8	a900	1.8		> 2.5m	240	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 19.82	d	C	13.6	LB	6.3M		8	a900	1.2		> 1.5m	233	C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 19.82	d	C	13.8	LB	6.3M		8	a900	1.2		> 1.5m	233	C 1.25m	K40	GAI	5*		ST7	SRB
2005 10 19.82	d	C	14.0	LB	6.3M		8	a900	1.2		> 1.5m	233	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 19.82	d	C	14.8	LB	6.3M		8	a900	1.2		> 1.5m	233	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 27.84	d	C	13.4	LB	6.3M		8	a900	1.7		> 4	m230	C 2.70m	K40	GAI	5*		ST7	SRB
2005 10 27.84	d	C	13.7	LB	6.3M		8	a900	1.7		> 4	m230	C 1.75m	K40	GAI	5*		ST7	SRB
2005 10 27.84	d	C	13.7	LB	6.3M		8	a900	1.7		> 4	m230	C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 27.84	d	C	14.1	LB	6.3M		8	a900	1.7		> 4	m230	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 27.84	d	C	14.8	LB	6.3M		8	a900	1.7		> 4	m230	C 0.50m	K40	GAI	5*		ST7	SRB
2005 10 29.81	d	C	13.6	LB	6.3M		8	a900	> 1.5			2.5m243	C 2.95m	K40	GAI	5*		ST7	SRB
2005 10 29.81	d	C	14.0	LB	6.3M		8	a900	> 1.5			2.5m243	C 1.50m	K40	GAI	5*		ST7	SRB
2005 10 29.81	d	C	14.4	LB	6.3M		8	a900	> 1.5			2.5m243	C 1.00m	K40	GAI	5*		ST7	SRB
2005 10 29.81	d	C	14.9	LB	6.3M		8	a900	> 1.5			2.5m243	C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 09.73	d	C	13.0	LB	6.3M		8	a900	1.6		> 4	m224	C 2.45m	K40	GAI	5*		ST7	SRB
2005 11 09.73	d	C	13.1	LB	6.3M		8	a900	1.6		> 4	m224	C 2.00m	K40	GAI	5*		ST7	SRB
2005 11 09.73	d	C	13.3	LB	6.3M		8	a900	1.6		> 4	m224	C 1.60m	K40	GAI	5*		ST7	SRB
2005 11 09.73	d	C	13.7	LB	6.3M		8	a900	1.6		> 4	m224	C 1.00m	K40	GAI	5*		ST7	SRB
2005 11 09.73	d	C	14.5	LB	6.3M		8	a900	1.6		> 4	m224	C 0.50m	K40	GAI	5*		ST7	SRB
2005 11 26.58	ax	C	14.8	HV	35.0C		10	a360	0.8	5		3.5m239	S 0.87m	KAIaSI4		5		ST2	TSU02
2006 01 03.53	ax	C	15.5	HV	35.0C		10	a600	0.7	4			S 1.08m	KAIaSI4		5		ST2	TSU02
2006 01 09.77	d	C[	14.2	LB	6.3M		8	a840					C 1.00m	K40	GAI	5*		ST7	SRB

Comet C/2005 R4 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 27.71	wx	C	16.4	TJ	25.0L		5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS

Comet P/2005 RV_25 (LONEOS-Christensen)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.61	wx	C	18.6	TJ	25.0L		5	a240	0.2				S 0.2 m	K42	SI5	5	U	SE7	OHS

Comet P/2005 S3 (Read)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 27.68	x	C	17.1	TJ	25.0L		5	a240	0.3				S 0.3 m	K42	SI5	5	U	SE7	OHS

Comet P/2005 T4 (SWAN)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 29.71	d	C	12.3	LB	6.3M		8	a900	1.2				C 2.00m	K40	GAI	5*		ST7	SRB
2005 10 29.71	d	C	12.4	LB	6.3M		8	a900	1.2				C 1.00m	K40	GAI	5*		ST7	SRB

Comet P/2005 T4 (SWAN) [cont.]

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 10 29.71	d	C	12.4	LB	6.3M	8		a900	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2005 10 29.71	d	C	12.9	LB	6.3M	8		a900	1.2				C 0.50m	K40	GAI	5*		ST7	SRB

Comet P/2005 T5 (Broughton)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 26.53	ax	C	18.7	HV	35.0	C	10	B280	0.2				S 0.47m	KAIa	SI4	5		ST2	TSU02

Comet C/2005 W2 (Christensen)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 27.73	wx	C	16.5	TJ	25.0	L	5	a240	0.5				S 0.5 m	K42	SI5	5	U	SE7	OHS

Comet P/2005 W3 (Kowalski)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 11 30.68	wx	C	17.9	TJ	25.0	L	5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS

Comet C/2005 X1 (Beshore)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2005 12 29.70	wx	C	18.8	HV	25.0	L	5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS
2006 01 28.66	x	C	18.3	HV	25.0	L	5	a240	0.4				S 0.4 m	K42	SI4	5	U	SE7	OHS

Comet P/2005 XA_54 (LONEOS-Hill)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 01 07.72	x	C	17.1	HV	25.0	L	5	a240	0.4				S 0.4 m	K42	SI5	5	U	SE7	OHS
2006 01 27.90	d	C	15.6	LB	6.3M	8		A200	0.8				C 1.00m	K40	GAI	5*		ST7	SRB
2006 01 27.90	d	C	15.8	LB	6.3M	8		A200	0.8				C 0.75m	K40	GAI	5*		ST7	SRB
2006 01 27.90	d	C	16.1	LB	6.3M	8		A200	0.8				C 0.50m	K40	GAI	5*		ST7	SRB
2006 01 29.93		C	15.8	UO	11.0	L	7	a480	0.25	5			C 0.25m	T25	A32	4		PIX	SHU
2006 01 30.95		C	15.4	UO	11.0	L	7	a480	0.25	5			C 0.25m	T25	A32	4		PIX	SHU
2006 01 31.89		C	15.5	UO	15.0	L	7	a360	0.25	3/			C 0.25m	T25	A32	4		PIX	SHU
2006 02 04.93		C	15.3	UO	15.0	L	5	a180	0.35	2/			C 0.35m	T25	A32	4		PIX	SHU
2006 02 23.62	ax	C	15.2	HV	35.0	C	10	a 90	0.2	6	0.7m	258	S 0.76m	KAIa	SI4	5		ST2	TSU02
2006 02 28.95		C	15.1	UO	15.0	L	5	a600	0.32	8			C 0.32m	T25	A32	4		PIX	SHU
2006 03 03.86		C	15.4	UO	15.0	L	5	a360	0.36	8			C 0.36m	T25	A32	4		PIX	SHU
2006 03 04.74	x	C	14.9	HV	25.0	L	5	a120	0.4				S 0.4 m	K42	SI5	5	P	SE7	OHS
2006 03 05.83		C	15.2	UO	15.0	L	5	a360	0.36	8			C 0.36m	T25	A32	4		PIX	SHU
2006 03 06.84	d	C	14.3	LB	6.3M	8		A200	1.2				C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 06.84	d	C	14.6	LB	6.3M	8		A200	1.2				C 1.25m	K40	GAI	5*		ST7	SRB
2006 03 06.84	d	C	14.8	LB	6.3M	8		A200	1.2				C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 06.84	d	C	15.3	LB	6.3M	8		A200	1.2				C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 07.90	d	C	13.9	LB	6.3M	8		A200	1.1				C 2.00m	K40	GAI	5*		ST7	SRB
2006 03 07.90	d	C	14.3	LB	6.3M	8		A200	1.1				C 1.25m	K40	GAI	5*		ST7	SRB
2006 03 07.90	d	C	14.4	LB	6.3M	8		A200	1.1				C 1.00m	K40	GAI	5*		ST7	SRB
2006 03 07.90	d	C	14.6	LB	6.3M	8		A200	1.1				C 0.75m	K40	GAI	5*		ST7	SRB
2006 03 07.90	d	C	15.0	LB	6.3M	8		A200	1.1				C 0.50m	K40	GAI	5*		ST7	SRB
2006 03 07.91		C	15.4	UO	15.0	L	5	a600	0.41	7/			C 0.41m	T25	A32	4		PIX	SHU
2006 03 08.94		C	15.4	UO	15.0	L	5	a360	0.40	7/			C 0.40m	T25	A32	4		PIX	SHU
2006 03 19.84	d	C[	11.7	LB	1.5A		4	a900					C 3.35m	K40	GAI	4*		ST7	SRB
2006 03 20.49	ax	C	15.5	HV	35.0	C	10	a270	0.2	6	0.8m	250	S 0.62m	KAIa	SI4	5		ST2	TSU02
2006 03 20.85		C	15.8	UO	15.0	L	5	a720	0.30	7/			C 0.30m	T25	A32	4		PIX	SHU
2006 03 21.90		C	15.3	UO	15.0	L	5	a360	0.41				C 0.41m	T25	A32	4		PIX	SHU
2006 03 22.85		C	15.5	UO	15.0	L	5	a480	0.32	8			C 0.32m	T25	A32	4		PIX	SHU
2006 03 31.69	x	C	15.9	HV	25.0	L	5	a 90	0.5				S 0.5 m	K42	SI5	5	P	SE7	OHS
2006 04 20.53	ax	C	16.4	HV	35.0	C	10	a180	0.2	5	0.6m	130	S 0.58m	KAIa	SI4	5		ST2	TSU02

Comet P/2005 YQ_127 (LINEAR)

DATE (UT)	n	M	MAG.	RF	AP.	T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 02 21.47	ax	C	18.2	HV	35.0	C	10	A920	0.2				S 0.41m	KAIa	SI4	5		ST2	TSU02
2006 02 23.48	ax	C	17.8	HV	35.0	C	10	A530	0.2				S 0.33m	KAIa	SI4	5		ST2	TSU02

Comet C/2006 A1 (Pojmanski)

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 20.07	d	C	6.2	LB	1.5A	4	a900	>16				C17.90m	K40	GAI	4*		ST7	SRB
2006 03 20.07	d	C	7.1	LB	1.5A	4	a900	>16				C13.40m	K40	GAI	4*		ST7	SRB
2006 03 20.07	d	C	7.5	LB	1.5A	4	a900	>16				C 8.90m	K40	GAI	4*		ST7	SRB
2006 03 20.07	d	C	8.1	LB	1.5A	4	a900	>16				C 4.45m	K40	GAI	4*		ST7	SRB
2006 03 20.13	d	C	7.6	LB	1.9A	16	a900	8.5				C 9.95m	K40	GAI	4*		ST7	SRB
2006 03 20.13	d	C	7.9	LB	1.9A	16	a900	8.5				C 5.45m	K40	GAI	4*		ST7	SRB
2006 03 20.13	d	C	8.3	LB	1.9A	16	a900	8.5				C 3.65m	K40	GAI	4*		ST7	SRB
2006 03 20.13	d	C	8.8	LB	1.9A	16	a900	8.5				C 1.80m	K40	GAI	4*		ST7	SRB
2006 03 20.13	d	C	9.3	LB	1.9A	16	a900	8.5				C 0.90m	K40	GAI	4*		ST7	SRB
2006 03 31.78	x	C	10.1	HV	25.0L	5	a 60	2.5		>0.19	300	S 2.5 m	K42	SI5	5	P	SE7	OHS
2006 04 21.70	x	C	11.4	HV	25.0L	5	a120	2.4		12.1	m321	S 2.4 m	K42	SI5	5	P	SE7	OHS
2006 04 22.99		C	13.0	UO	15.0L	5	a120	0.46	3			C 0.46m	T25	A32			PIX	SHU
2006 04 23.92		C	13.3	UO	15.0L	5	a300	0.33	3/	1	m307	C 0.33m	T25	A32	4		PIX	SHU
2006 04 24.92		C	13.1	UO	15.0L	5	a480	1	4	1	m333	C 1.00m	T25	A32	4		PIX	SHU
2006 04 27.03		C	14.1	UO	15.0L	5	a300	0.46	4/	2	m322	C 0.46m	T25	A32	4		PIX	SHU
2006 04 28.02		C	13.8	UO	15.0L	5	a600	0.47	4			C 0.47m	T25	A32	4		PIX	SHU

Comet C/2006 CK10 (Catalina)

DATE (UT)	n	M	MAG.	RF	AP. T	f/	EXP.	COMA	DC	TAIL	PA	APERTUR	Chp	Sfw	C	P	Cam	OBS.
2006 03 04.72	x	C	17.3	HV	25.0L	5	a240	0.4				S 0.4 m	K42	SI5	5	P	SE7	OHS
2006 03 31.62	x	C	17.0	HV	25.0L	5	a 90	0.4				S 0.4 m	K42	SI5	5	P	SE7	OHS

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DESIGNATIONS OF RECENT COMETS

Listed below, for handy reference, are the last 25 comets (non-spacecraft) to have been given designations. [Update of list in the Oct. 2005 issue, p. 280, where an explanation to the table headings can be found.] The permanent comet numbering 174P was given to minor planet (60558) 2000 EC_{98}, both catalogues sharing the name 'Echeclus', after it was shown recently to appear cometary (cf. *IAUC* 8656; $P = 34.9$ yr, $q = 5.81$ AU, $T = 1980$ Mar. 6). The permanent comet numbering 176P was given to minor planet (118401) 1999 RE_{70}, both catalogues sharing the name 'LINEAR', after it was shown recently to appear cometary (cf. *IAUC* 8704; $P = 5.71$ yr, $q = 2.58$ AU, $T = 2005$ Oct. 18).

	New-Style Designation	*P*	*T*	*q*	*IAUC*
⋆	P/2005 T3 (Read)	20.6	1/13/06	6.20	8614
⋆	P/2005 T4 (SWAN)	28.6	10/10/05	0.65	8619
⋆	P/2005 T5 (Broughton)	19.5	11/3/05	3.25	8621
⋆	P/2005 U1 (Read)	5.6	7/27/05	2.36	8624
⋆	P/2005 V1 (Bernardi)	9.5	8/12/05	2.35	8627
⋆	C/2005 W2 (Christensen)	82.6	3/27/06	3.33	8632
⋆	P/2005 W3 (Kowalski)	16.2	8/23/05	3.01	8634
⋆	C/2004 YJ_{35} (LINEAR)		3/7/06	1.78	8637
⋆	C/2005 X1 (Beshore)		7/5/05	2.86	8642
⋆	P/2005 Y2 (McNaught)	15.8	12/27/04	3.36	8652
⋆	C/2006 A1 (Pojmanski)		2/22/06	0.56	8653
⋆	P/2005 XA_{54} (LONEOS-Hill)	15.2	3/7/06	1.78	8656
⋆	P/2005 YQ_{127} (LINEAR)	7.6	11/3/05	1.92	8653
⋆	C/2006 A2 (Catalina)		5/19/05	5.32	8662
	175P/2006 A3 (Hergenrother)	6.6	11/6/06	2.09	8664
⋆	C/2006 B1 (McNaught)		11/19/05	3.00	8665
⋆	P/2005 SB_{216} (LONEOS)	19.0	2/11/07	3.82	8668
⋆	P/2006 D1 (Hill)	13.1	10/25/05	1.89	8678
⋆	C/2006 CK_{10} (Catalina)		7/3/06	1.75	8682
⋆	C/2006 E1 (McNaught)		1/6/07	6.04	8688
⋆	P/2006 F1 (Kowalski)	10.1	2/19/08	4.12	8690
⋆	C/2006 F2 (Christensen)	43.3	3/30/06	4.30	8692
⋆	P/2006 F4 (Spacewatch)	6.6	5/3/06	2.34	8695
⋆	P/2006 G1 (McNaught)	10.6	8/18/06	2.63	8699
⋆	C/2006 GZ_2 (Spacewatch)		8/21/06	3.30	8703