

**Central Bureau for Astronomical Telegrams  
INTERNATIONAL ASTRONOMICAL UNION**

Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.  
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)  
CBAT@CFA.HARVARD.EDU (science)  
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Phone 617-495-7440/7244/7444 (for emergency use only)

*COMET C/2006 P1 (McNAUGHT)*

R. H. McNaught reports his discovery of a comet (discovery observation tabulated below) on CCD images obtained with the 0.5-m Uppsala Schmidt telescope in the course of the Siding Spring Survey, noting the object to have a faint 20''-diameter coma in moonlight. Following posting on the 'NEO Confirmation Page', C. Jacques and E. Pimentel report that CCD images obtained at Belo Horizonte, Brazil, with a 0.30-m  $f/3$  Schmidt-Cassegrain reflector on Aug. 8.0 UT show a coma diameter of 16''.

2006 UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.
Aug. 7.50872	16 <sup>h</sup> 38 <sup>m</sup> 58 <sup>s</sup> .70	-18°05'46".3	17.3

The available astrometry, the following very preliminary parabolic orbital elements, and an ephemeris appear on *MPEC* 2006-P31.

$T = 2007 \text{ June } 17.713 \text{ TT}$	$\omega = 109.726$	}	2000.0
	$\Omega = 268.367$		
$q = 1.55508 \text{ AU}$	$i = 143.691$		

*COMET C/1998 J5 (SOHO)*

Further to *IAUC* 8735, the following Kreutz-sungrazing archival SOHO comet was diffuse, elongated, and very faint.

Comet	1998 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/1998 J5	May 12.227	3 <sup>h</sup> 17 <sup>m</sup> .5	+16°46'	C2	HS	2006-L20

*COMET P/2006 HR<sub>30</sub> (SIDING SPRING)*

Further to *IAUC* 8735, J. Licandro, Isaac Newton Group and Instituto de Astrofísica de Canarias; and N. Pinilla and M. Pedani, Centro Galileo Galilei, report that comet P/2006 HR<sub>30</sub> shows no evidence of a coma on *R*-band images obtained on July 26.10 UT with the 3.6-m Telescopio Nazionale Galileo at La Palma; six co-added 60-s images show the comet as point-like (FWHM 1''; ellipticity of 0.06, nearly equal to that of the surrounding stars). D. T. Durig (Sewanee, TN, 0.30-m reflector) writes that images obtained on Aug. 4.20–4.28 show a slight asymmetry or tail  $\sim 10''$  long in p.a. 5°–10°, and P. C. Sherrod (Conway, AR, 0.41-m reflector) notes that the comet showed some nebulosity toward the north on images taken on Aug. 4.4.