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URL <http://www.cfa.harvard.edu/iau/cbat.html> ISSN 0081-0304

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*COMET C/2009 Q5 (McNAUGHT)*

R. H. McNaught reports his discovery of a comet with a circular 18'' coma on CCD images obtained with the 0.5-m Uppsala Schmidt telescope (discovery tabulated below); five stacked 30-s images obtained after moon-set on Aug. 31.7–31.8 UT show a 0'.4 coma and a 50'' tail in p.a. 285°. After posting on the Minor Planet Center's 'NEOCP' webpage, other CCD astrometrists have noted the object's cometary appearance. S. Foglia reports that fifteen stacked 60-s CCD images taken by R. Holmes (Charleston, IL, U.S.A., 0.61-m telescope) reveal a round coma of diameter 10'' with a 30'' tail in p.a. 260°. Fifteen stacked 120-s unfiltered exposures taken remotely on Sept. 1.3 by E. Guido and G. Sostero with a 0.25-m reflector near Mayhill, NM, U.S.A., show a compact coma of diameter  $\sim 12''$  and a broad tail nearly 20'' long in p.a. 255°. H. Sato (Tokyo, Japan, remotely using a Rent-A-Scope 0.25-m reflector near Mayhill on Sept. 1.35) finds a diffuse coma of diameter 8''–20'' and no tail. Frames taken by R. Miles with the Haleakala 2.0-m 'Faulkes Telescope North' on Sept. 1.6 show a diffuse 15'' coma elongated toward p.a. 285°.

2009	UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.	Observer
Aug.	31.63470	1 <sup>h</sup> 29 <sup>m</sup> 04. <sup>s</sup> 36	–17°26'52".9	17.0	McNaught

The available astrometry, the following preliminary parabolic orbital elements, and an ephemeris appear on *MPEC* 2009-R02.

$$\left. \begin{array}{ll} T = 2010 \text{ Mar. } 11.218 \text{ TT} & \omega = 293.151 \\ & \Omega = 160.070 \\ q = 1.55732 \text{ AU} & i = 40.823 \end{array} \right\} 2000.0$$

*COMETS C/2009 D7 AND C/2009 D8 (SOHO)*

Further to *IAUC* 9059, additional presumed comets have been found on SOHO website images. C/2009 D7 was bright (mag  $\sim 4$ ) with a short tail in LASCO C3 images, while it showed a short tail and faded quickly in C2 images; this comet was also detected in STEREO COR2-A and COR2-B images with a tail  $\sim 0.3$  long. C/2009 D8 was slightly elongated, small, and stellar in appearance (mag  $\sim 7$ , but it faded rapidly).

Comet	2009 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/2009 D7	Feb. 26.029	23 <sup>h</sup> 09. <sup>m</sup> 7	–10°31'	C3/2*	MU	2009-N01
C/2009 D8	26.129	22 42.2	– 7 03	C2	BZ	2009-N01