

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

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COMET C/2008 F1 (SOHO)

Further to *IAUC* 8926, an additional apparent Meyer-group comet has been found on SOHO website images; first appearing in images as fairly bright (mag ~ 6) but fading fast, it was elongated in the direction of motion (but not diffuse at all) — typical for Meyer-group objects.

Comet	2008 UT	α_{2000}	δ_{2000}	Inst.	F	<i>MPEC</i>
C/2008 F1	Mar. 19.938	0 ^h 03 ^m .9	+ 1°22'	C2	RK	2008-F32

COMET C/2008 G1 (GIBBS)

A. R. Gibbs reports his discovery of a comet (discovery observation tabulated below) on images taken with the Mt. Lemmon 1.5-m reflector, noting that four co-added 30-s unfiltered CCD exposures show a very compact coma of diameter 4'' and a narrow 65'' tail in p.a. 225°. Following posting on the Minor Planet Center's 'NEOCP' webpage, other astrometric observers have also noted the object's cometary appearance, including L. Buzzi (Varese, Italy, 0.60-m reflector, Apr. 7.92–7.96 UT; slightly diffuse with a possible 10'' tail in p.a. 225°), L. Donato and M. Gonano (Remanzacco, Italy, 0.45-m reflector, Apr. 7.95–7.96; 100 stacked unfiltered 60-s exposures show a coma diameter of nearly 10'' and a 20'' tail in p.a. 230°), E. Guido and G. Sostero (Castellammare di Stabia, Italy, remotely using a 0.25-m reflector near Mayhill, NM, U.S.A., Apr. 8.33–8.35; 50 co-added 60-s unfiltered exposures show a short tail nearly 15'' long toward p.a. 190° and a coma of diameter 8''), J. G. Ries (McDonald Observatory, 0.76-m reflector, Apr. 8.41–8.42; narrow tail $\approx 20'$ long toward the southwest), J. E. McGaha (Tucson, AZ, U.S.A., 0.36-m reflector, Apr. 9.32–9.34; eight co-added 60-s exposures show a 7'' coma and a 22'' tail in p.a. 220°), and A. C. Gilmore and P. M. Kilmartin (Mt. John 1.0-m reflector, Apr. 9.63–9.64; asteroidal head with narrow 15'' tail in p.a. $\sim 200^\circ$).

2008 UT	α_{2000}	δ_{2000}	Mag.
Apr. 7.35552	15 ^h 29 ^m 45 ^s .12	+4°54'32".1	19.4

The available astrometry, the following preliminary parabolic orbital elements, and an ephemeris appear on *MPEC* 2008-G58.

$$\left. \begin{array}{l} T = 2009 \text{ Feb. } 7.311 \text{ TT} \\ q = 3.72077 \text{ AU} \end{array} \right\} \begin{array}{l} \omega = 71.159 \\ \Omega = 215.550 \\ i = 72.036 \end{array} \left. \vphantom{\begin{array}{l} T \\ q \end{array}} \right\} 2000.0$$