

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

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COMET 2009 F6

On Apr. 4, R. D. Matson informed the Central Bureau that he had found a possible comet on ultraviolet SWAN images posted at the SOHO website, providing the rough positions below, and a search ephemeris was then posted at the Minor Planet Center's 'NEOCP' webpage. Numerous CCD astrometrists and one visual observer have reported confirmation of the object as a comet, with selected positions provided below.

2009	UT	α_{2000}	δ_{2000}	Mag.	Observer
Mar.	29	23 ^h 03 ^m	+51 ^o .5		SWAN
	31	23 16	+52.5		"
Apr.	1	23 24	+53		"
	3	23 36	+53		"
	4	23 46	+54		"
	6.15	23 54.0	+54 41.5	8.2	Gonzalez
	6.20771	23 54 17. ^s 90	+54 42 26. ^{''} 3	14.5	Hormuth
	6.45823	23 56 18.14	+54 47 35.9	13.8	Guido
	6.69785	23 58 12.89	+54 52 24.1	12.0	Kryachko
	6.77483	23 58 50.08	+54 53 56.5	12.7	Ligustri
	6.77683	23 58 51.85	+54 53 59.9		Ikari
	6.80162	23 59 03.04	+54 54 28.3	13.5	Bittesini
	6.80936	23 59 06.91	+54 54 36.7	11.3	Manca
	6.84729	23 59 25.31	+54 55 21.3	13.0	Buzzi

J. J. Gonzalez (Burgos, Spain). Visual, 15-cm reflector; coma diameter 6'.
F. Hormuth (Almería, Spain). 1.23-m reflector; 1'5 coma with a well-defined core, in twilight.

E. Guido, G. Sostero, and P. Camilleri (Mayhill, NM, U.S.A.). Remotely controlled 25-cm $f/3.4$ reflector; diffuse coma $\sim 2'5$ in diameter, with a sharp central condensation $\sim 20''$ in diameter.

T. Kryachko, S. Korotkiy, and B. Satovski (Zelenchukskaya). 30-cm reflector; bright $118'' \times 129''$ coma (major axis in p.a. 252°) with condensation.

R. Ligustri and P. Beltrame (Talmassons, Italy). 35-cm reflector. Coma diameter $\sim 30''$.

Y. Ikari (Moriyama, Shiga-ken, Japan). 26-cm $f/7$ reflector; 0'7 coma.

L. Bittesini, D. Di Maria, E. Pettarin, and F. Piani (Farra d'Isonzo, Italy). 30-cm $f/4.5$ reflector; coma diameter $\sim 50''$.

F. Manca and A. Testa (Garbagnate Monastero, Italy). 50-cm reflector.

L. Buzzi (Varese, Italy). 60-cm refl.; 1'5 coma, strong central condensation.