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COMET 133P/ELST-PIZARRO

D. Jewitt, P. Lacerda, and N. Peixinho, University of Hawaii, report that comet 133P/Elst-Pizarro = minor planet (7968) Elst-Pizarro has become active after a long period of quiescence. Optical observations with the University of Hawaii 2.2-m telescope on June 11 UT show a straight tail at least 20″ long in p.a. 256°. The apparent red magnitude within an aperture 8″ in projected diameter is ≈ 19.5. Activity in 133P was last observed in 2002 December. The re-emergence of activity near perihelion (T = 2007 June 29.3 TT; *e.g.*, Nakano 2007, *ICQ 2007 Comet Handbook*) is consistent with the identification of this object as an ice-bearing minor planet or "main-belt comet" (Hsieh *et al.* 2004, *A.J.* **127**, 2997). Further observations to characterize the evolution of the mass loss in the coming months are encouraged.

COMETS C/2007 F2–F5, C/2007 G2, C/2007 H4–H9 (SOHO)

Additional near-sun comets (cf. *IAUC* 8846) have been found on SOHO website images — all being Kreutz sungrazers except for C/2007 F4 (Meyer group). C/2007 F2 reached mag ~ 5 in C3 images, and showed a thin, faint, 15′ tail in C2 images. C/2007 F3 was stellar in appearance, reaching mag ~ 6; it was tailless even in C2 images. C/2007 F4 was stellar in appearance and reached mag ~ 6.5. C/2007 H6, C/2007 H8, and C/2007 H9 were fuzzy, very faint, and tailless. C/2007 H7 was was slightly diffuse, reaching mag ~ 7, with a hint of a tail. The remaining four objects were very small, somewhat diffuse, and quite faint (mag ~ 7.5–8).

Comet	2007	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2007 F2	Mar.	20.904	0h29m.3	− 1°36′	C3/2	BZ	2007-K68
C/2007 F3		27.446	0 40.2	+ 0 46	C3/2	BZ	2007-K68
C/2007 F4		28.488	0 32.0	+ 4 45	C3/2	BZ	2007-K69
C/2007 F5		30.118	0 42.0	+ 3 08	C2	TH	2007-K69
C/2007 G2	Apr.	8.018	1 14.4	+ 6 19	C2	TH	2007-K69
C/2007 H4		18.963	1 53.4	+10 03	C2	BZ	2007-K69
C/2007 H5		20.743	1 59.9	+10 36	C2	RK	2007-K69
C/2007 H6		21.868	2 04.5	+11 04	C2	VB	2007-L02
C/2007 H7		23.160	2 08.7	+11 18	C2	BZ	2007-L02
C/2007 H8		29.976	2 33.0	+13 26	C2	BZ	2007-L02
C/2007 H9		30.535	2 35.6	+13 32	C2	BZ	2007-L02

2007 June 12 *Daniel W. E. Green*