Circular No. 8762

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SUPERNOVAE 2006jc, 2006jd, 2006je

Three apparent supernovae have been found on unfiltered CCD images: 2006jc independently by K. Itagaki (Teppo-cho, Yamagata, Japan; 0.60-m $f/5.7$ reflector; communicated by S. Nakano, Sumoto, Japan; tabulated data below from Itagaki; additional details on *CBET* 666) and by T. Puckett and R. Gorelli (0.35-m reflector at Ellijay, GA; cf. *IAUC* 8758); and 2006jd and 2006je by R. R. Prasad and W. Li (LOSS/KAIT; cf. *IAUC* 8758).

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2006jc	Oct. 9.75	$9^h17^m20^s.78$	$+41^\circ54'32''.7$	13.8	$11''$ W, $7''$ S
2006jd	Oct. 12.54	8 02 07.43	+ 0 48 31.5	17.2	$22''$ E, $1''.3$ S
2006je	Oct. 15.28	1 50 53.28	+33 05 53.2	17.8	$19''.2$ E, $20''.7$ N

Additional magnitudes for 2006jc in UGC 4904: 2005 Dec. 11 UT, [19.8 (Puckett); 2006 Sept. 21.793, [19.5 (Itagaki); 22, [19.0 (Itagaki); Oct. 10.33, 13.8 (Puckett and Gorelli); 10.725, 13.9 (Itagaki); 11.34, 13.7 (D. Lane, Stillwater Lake, NS, 0.28-m reflector, via Puckett); 12.191, 13.9 (G. Masi and S. Foglia, Ceccano, Italy). Puckett provides position end figures $20^s.85$, $33''.0$ for 2006jc. Itagaki adds that nothing is visible at this location on the Digitized Sky Survey (DSS). Masi provides the following position end figures for 2006jc: $20^s.79$, $33''.1$. SN 2006jc appears to be a peculiar type-Ib/c supernova (details on *CBETs* 672, 674, and 677). Additional magnitudes for 2006jd in UGC 4179: Apr. 21.17, [19.0; Oct. 15.54, 17.1. Additional magnitudes for 2006je in IC 1735: Sept. 29.36, [19.0; Oct. 17.47, 18.2. SN 2006je is a peculiar type-Ia supernova (details on *CBET* 678).

COMET P/2006 T1 (LEVY)

Elliptical orbital elements (cf. *IAUC* 8757) from *MPEC* 2006-T80:

$$\begin{array}{lll} T = 2006 \text{ Oct. } 7.449 \text{ TT} & \omega = 179^\circ.476 & \\ e = 0.67046 & \Omega = 279.791 & \Big\}\, 2000.0 \\ q = 0.98924 \text{ AU} & i = 18.324 & \end{array}$$

$$a = 3.00186 \text{ AU} \qquad n^\circ = 0.189504 \qquad P = 5.20 \text{ years}$$

Visual total-magnitude estimates: Oct. 3.81 UT, 9.8 (K. Yoshimoto, Yamaguchi, Japan, 25-cm reflector); 4.17, 9.4 (J. J. Gonzalez, Leon, Spain, 25×100 binoculars); 5.18, 10.2 (N. Biver, Versailles, France, 26-cm reflector); 9.80, 10.5 (S. Yoshida, Gunma, Japan, 40-cm reflector; full moon); 17.14, 10.0 (M. Reszelski, Szamotuly-Galowo, Poland, 13-cm reflector).

2006 October 19 *Daniel W. E. Green*