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SUPERNOVAE 2006cs, 2006ct, 2006cu, 2006cv, 2006cw

Five new apparent supernovae found on unfiltered CCD frames have been reported: 2006cs by N. Y. Lee and W. Li (LOSS/KAIT; cf. *IAUC* 8716); 2006ct by R. Quimby and P. Mondol (cf. *IAUC* 8713); and the rest by the 'Nearby Supernova Factory' collaboration (cf. *CBETs* 538, 540).

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2006cs	June 3.29	$13^h45^m33^s.89$	$+35^\circ36'36''.6$	17.8	$13''.4$ W, $3''.8$ S
2006ct	May 25.21	12 09 57.03	+47 05 43.9	17.0	$3''.4$ E, $1''.4$ S
2006cu	May 29.4	14 47 43.31	+ 9 39 33.9	18.1	–
2006cv	June 5.4	14 47 47.83	+23 17 58.6	19.1	–
2006cw	June 5.4	15 03 01.01	+21 41 40.6	19.4	–

Additional magnitudes for 2006cs in MCG +06-30-79: May 18.29 UT, [19.0; June 4.31, 17.7. A spectogram of 2006cs obtained on June 5.29 shows it to be a type-Ia supernova around maximum light (details on *CBET* 539). Additional magnitudes for 2006ct, which is also a type-Ia supernova (details on *CBET* 537): 2004 Dec. 15–2006 Jan. 28, [18.7 (co-addition of images); May 31.21, 16.9; June 3.19, 16.6. SNe 2006cu and 2006cv are type-IIn supernovae, and 2006cw is a type-II supernova (cf. *CBET* 538, 540).

COMETS C/2006 J4–J8 (SOHO)

Additional comets have been found on SOHO website images (cf. *IAUC* 8719) — all being Kreutz sungrazers except C/2006 J5 (Meyer group). C/2006 J4 was stellar in C3 images, reaching mag 4.9 on May 8.762 UT at $9.1R_\odot$; C2 images showed a very faint tail that reached a length of $500''$ on May 9.188 at $3.7R_\odot$. C/2006 J5 was very small, stellar but slightly elongated in the direction of motion, and too faint for photometry. C/2006 J6, which was also found by J. Sachs, was extremely faint, diffuse, and elongated. C/2006 J7 and J8 were very close (only a few pixels apart), the leading component (J7) being marginally larger, brighter, and longer-lasting; both components were small and stellar.

Comet	2006 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2006 J4	May 7.696	$3^h16^m.6$	$+13^\circ35'$	C3/2	KB	2006-L31
C/2006 J5	7.979	3 03.2	+18 16	C2	HS	2006-L31
C/2006 J6	8.854	3 07.3	+15 52	C2	RM	2006-L31
C/2006 J7	10.163	3 12.1	+16 13	C2	TH	2006-L32
C/2006 J8	10.163	3 12.1	+16 13	C2	TH	2006-L32

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