

Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION

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SUPERNOVAE 2007N-2007U

Eight apparent supernovae have been discovered on unfiltered CCD frames and reported to the Central Bureau: 2007N, 2007O, 2007P, and 2007T by W. Li (LOSS/KAIT; cf. *IAUC* 8798; 2007N and 2007O with N. Lee, 2007P with D. Winslow, and 2007T with D. R. Madison), and the rest by T. Puckett (0.35-m reflector at Ellijay, GA, except 0.40-m reflector at Portal, AZ, for 2007U; cf. *IAUC* 8798; 2007Q and 2007U with J. Newton, 2007R with P. Gray, and 2007S with R. Gorelli).

| SN | 2007 UT | α_{2000} | δ_{2000} | Mag. | Offset |
|-------|------------|---|-----------------|------|------------------|
| 2007N | Jan. 21.52 | 12 ^h 49 ^m 01. ^s 25 | - 9° 27' 10".2 | 17.3 | 4".3 W, 14".3 N |
| 2007O | Jan. 21.60 | 14 56 05.18 | +45 24 16.9 | 16.8 | 8".2 E, 1".5 S |
| 2007P | Jan. 23.40 | 9 58 56.41 | -18 49 11.4 | 18.0 | 4".8 W, 4".8 S |
| 2007Q | Jan. 3.42 | 15 13 08.07 | +41 15 40.1 | 17.8 | 14".5 E, 13".8 S |
| 2007R | Jan. 26.10 | 7 46 37.53 | +44 47 22.1 | 16.9 | 1".9 W, 3".9 S |
| 2007S | Jan. 29.24 | 10 00 31.26 | + 4 24 26.2 | 16.7 | 11".4 W, 0".1 N |
| 2007T | Feb. 3.57 | 15 00 45.73 | +49 59 24.3 | 16.9 | 3".5 W, 13".2 N |
| 2007U | Feb. 5.09 | 5 05 07.13 | -18 59 19.9 | 17.5 | 16".4 W, 8".8 S |

KAIT limiting magnitude for 2007N in MCG -01-33-12: 2006 Dec. 30.54 UT, [19.0. KAIT limiting magnitude for 2007O in UGC 9612: 2006 July 5.23, [19.5. Both 2007N and 2007O are type-Ia supernovae, discovered near maximum (spectroscopic details on *CBET* 818). Additional KAIT magnitudes for 2007P in ESO 566-G36: 2006 Feb. 2.38, [19.0; 2007 Jan. 13.41, [18.1; 24.38, 17.9. SN 2007P is probably a young type-II supernova (spectroscopic details on *CBET* 822). Additional magnitudes by Puckett for 2007Q in NGC 5888: 2005 Nov. 15, [19.0; 2007 Jan. 26.40, 18.1. SN 2007Q is a type-II supernova discovered near the time of explosion (spectroscopic details on *CBET* 840). Additional magnitudes for 2007R in UGC 4008: 2005 Dec. 25, [19.0 (Puckett); 2007 Jan. 27.12, 16.5 (T. Orff). SN 2007R is a type-Ia supernova next maximum (details on *CBET* 826). Additional magnitudes for 2007S in UGC 5378: 2005 Dec. 29, [19.0 (Puckett); 2007 Jan. 31.20, 16.6 (Orff). SN 2007S is a young type-Ia supernova (spectroscopic details on *CBET*s 829 and 839). Additional approximate KAIT magnitudes for 2007T in NGC 5828: 2006 Aug. 14.20, [19.0; 2007 Feb. 4.50, 16.8. SN 2007T is a type-II supernova, discovered near the time of explosion (details on *CBET* 837). Additional magnitudes for 2007U in ESO 552-65: Jan. 11, [19.0 (Puckett); Feb. 6.02, 17.5 (Orff). SN 2007U is a type-II supernova found some 10 days past explosion (spectroscopic details on *CBET* 838).