Circular No. 8822

Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION

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SUPERNOVAE 2007ag–2007as

Thirteen apparent supernovae have been discovered on unfiltered CCD frames and reported to the Central Bureau: 2007ag, 2007ao, and 2007ap by T. Puckett (cf. *IAUC* 8814; 2007ag and 2007ao with R. Gagliano, and 2007ap with A. Kroes); 2007an by M. Migliardi (via A. Dimai; cf. *IAUC* 8667); 2007ar by G. Duszanowicz (cf. *IAUC* 8789); 2007as by P. Luckas, O. Trondal, and M. Schwartz (cf. *IAUC* 8789); and the rest by W. Li (cf. *IAUC* 8813; 2007aj–2007al with D. R. Madison, 2007am with N. Joubert, and 2007aq with D. Winslow). Discovery observations:

SN	2007 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2007ag	Mar. 7.29	$10^h01^m35^s.99$	$+21^\circ36'42''.0$	18.0	4''.0 E, 15''.5 N
2007ah	Mar. 6.13	4 02 18.50	+25 49 06.8	17.8	0''.4 W, 4''.9 N
2007ai	Mar. 6.53	16 12 53.74	–21 37 48.7	18.0	5''.1 E, 24''.5 S
2007aj	Mar. 3.43	12 47 54.45	+54 00 37.2	16.4	130'' W, 47'' S
2007ak	Mar. 10.16	5 20 40.75	+ 8 48 16.0	18.2	15''.1 S
2007al	Mar. 10.28	9 59 18.48	–19 28 25.8	16.6	3''.9 W, 2''.0 S
2007am	Mar. 11.36	10 46 33.62	+13 45 09.3	17.8	20''.1 W, 7''.3 N
2007an	Mar. 10.98	11 58 43.72	+27 27 01.2	17.5	24'' W, 7'' S
2007ao	Mar. 13.38	14 16 49.74	+10 48 24.1	17.7	47'' W, 2''.4 S
2007ap	Mar. 13.45	15 56 23.06	+16 30 57.9	15.5	8''.0 W, 26''.3 S
2007aq	Mar. 13.21	8 48 22.03	+18 19 32.6	18.0	38'' W, 20'' S
2007ar	Mar. 12.92	13 21 01.93	+58 33 02.4	17.5	7''.4 W, 7''.6 N
2007as	Mar. 13.61	9 27 36.01	–80 10 39.2	15.8	12''.1 W, 8''.8 N

Additional information is available on the following *Electronic Telegrams*: 2007ag in UGC 5392, *CBET* 868 and 874 (type-Ib, discovered near maximum light); 2007ah in UGC 2931, *CBETs* 869 and 878 (type-II, discovered just past explosion); 2007ai in MCG –04-38-4, *CBETs* 870 and 880 (type-Ia, discovered just before maximum); 2007aj, *CBETs* 871 and 873 (type-Ia, discovered near maximum); 2007ak in UGC 3293, *CBETs* 875 and 881 (type-IIn); 2007al, *CBETs* 875 and 878 (type-Ia, discovered near maximum); 2007am in NGC 3367, *CBETs* 877 and 884 (type-II, discovered ~ 10 days past explosion); 2007an in NGC 4017, *CBETs* 882 and 896 (type-II); 2007ao in NGC 5532, *CBETs* 883 and 892 (subluminous type-Ia, discovered ~ 10 days past peak); 2007ap in MCG +03-41-3, *CBET* 883; 2007aq in IC 2409, *CBETs* 885 and 889 (type-II, discovered ~ 3.5 weeks past explosion); 2007ar in MCG +10-19-62, *CBETs* 886 and 889 (type-Ia, discovered just past maximum); 2007as in ESO 18-G18, *CBET* 888.

2007 March 19 *Daniel W. E. Green*