

**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    | $\alpha_{2000}$                                     | $\delta_{2000}$ | Mag. | Offset          |
|--------|------------|-----------------------------------------------------|-----------------|------|-----------------|
| 2007ag | Mar. 7.29  | 10 <sup>h</sup> 01 <sup>m</sup> 35 <sup>s</sup> .99 | +21°36′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-IIIn); 2007al, *CBETs* 875 and 878 (type-Ia, discovered near maximum); 2007am in NGC 3367, *CBETs* 877 and 884 (type-II, discovered  $\sim 10$  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  $\sim 10$  days past peak); 2007ap in MCG +03-41-3, *CBET* 883; 2007aq in IC 2409, *CBETs* 885 and 889 (type-II, discovered  $\sim 3.5$  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.