

Table 2: SN Ia Spectral Information

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> (")	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1989A	1989-04-27.000	47643.000	83.80	1	3450-9000	12	...	...	...	2	...	1,2	1	0
SN 1989B <sup>m</sup>	1989-02-15.000	47572.000	7.54	2	3450-8450	7	0	...	...	...	...	1,3	1	0
SN 1989B <sup>m</sup>	1989-02-21.000	47578.000	13.53	2	3450-7000	7	0	...	...	...	...	1	1	0
SN 1989B	1989-04-27.000	47643.000	78.37	1	3300-9050	12	...	...	...	2	...	1,2	1	0
SN 1989B	1989-07-10.000	47717.000	152.19	1	3900-6226	12	...	...	...	3	...	1,2,3	1	0
SN 1989M	1989-07-09.000	47716.000	2.49	1	3080-10300	12	...	...	...	2.5	...	1,2,3	1	0
SN 1989M	1989-07-10.000	47717.000	3.48	1	3400-10200	12	...	...	...	3	...	1,2,3	1	0
SN 1989M	1989-12-01.000	47861.000	146.76	1	4150-9500	12	...	...	...	1.5	900	1,2	1	0
SN 1989M	1990-05-01.428	48012.428	297.42	1	3930-6980	12	54	54	2.31	2.5	2100	1,2	1	0
SN 1990G	1990-03-25.000	47975.000	...	1	3932-9800	12	...	...	...	3	...	1,2	1	0
SN 1990M	1990-04-01.000	47982.000	...	1	3932-7060	12	...	...	...	1.5	...	1,4	1	0
SN 1990M	1990-07-17.000	48089.000	...	1	3920-9860	12	...	...	...	2	...	1,2	1	0
SN 1990M	1990-07-31.255	48103.255	...	1	3900-9900	12	48	50	4.19	1.25	1200	1,2	1	0
SN 1990M	1990-08-29.171	48132.171	...	1	3940-9850	12	229	49	3.85	1.25	1300	1,2	1	0
SN 1990M	1990-08-30.000	48133.000	...	1	6720-9850	12	229	49	4.02	2.25	1300	1,2	1	0
SN 1990O	1990-07-17.000	48089.000	12.54	1	3920-7080	12	...	...	...	2	...	1,2	1	0
SN 1990O	1990-07-31.396	48103.396	26.50	1	3900-7020	12	55	56	2.67	1.25	1800	1,2	1	0
SN 1990O	1990-08-29.252	48132.252	54.50	1	3900-7020	12	235	54	1.52	1.25	1400	1,2	1	0
SN 1990N	1990-07-17.000	48089.000	7.11	1	3920-9872	12	...	...	...	2	...	1,2	1	0
SN 1990N	1990-07-31.193	48103.193	21.25	1	3900-9900	12	55	55	2.30	1.25	900	1,2	1	0
SN 1990N	1990-08-29.153	48132.153	50.11	1	3940-9850	12	234	54	3.80	1.25	500	1,2	1	0
SN 1990N	1990-08-30.000	48133.000	50.96	1	6720-9850	12	234	54	4.23	2.25	950	1,2	1	0
SN 1990N	1990-12-17.577	48242.577	160.16	1	3900-7000	12	151	331	1.14	2.5	900	1,2	1	0
SN 1990R	1990-07-17.000	48089.000	...	1	3952-7052	12	...	...	...	2	...	1,2	1	0
SN 1990R	1990-07-31.423	48103.423	...	1	3900-7020	12	32	37	1.19	1.25	1200	1,2	1	0
SN 1990R	1990-08-29.279	48132.279	...	1	3900-7020	12	180	6	1.10	1.25	2400	1,2	1	0
SN 1990Y	1990-08-30.510	48133.510	16.78	1	3940-7050	12	171	351	3.07	2.25	1200	1,2	1	0
SN 1991B	1991-01-23.586	48279.586	...	1	3900-7020	12	183	2	1.37	1.75	400	1	1	0
SN 1991B	1991-02-23.524	48310.524	...	1	3900-9800	12	188	13	1.40	2	900	1	1	0
SN 1991B	1991-03-09.466	48324.466	...	1	3900-7020	12	186	7	1.38	1	1900	1,2	1	0
SN 1991K	1991-02-23.335	48310.335	...	1	3900-7020	12	194	15	1.77	2	1800	1	1	0
SN 1991K	1991-03-09.262	48324.262	...	1	3900-7020	12	186	6	1.71	1	3600	1,2	1	0
SN 1991M	1991-04-07.000	48353.000	18.06	1	3880-7000	12	...	...	...	3.5	...	1,2	1	0
SN 1991M	1991-04-19.000	48365.000	29.97	1	3900-7000	12	...	...	...	1.5	...	1,2	1	0
SN 1991M	1991-08-05.000	48473.000	137.20	1	3920-6900	12	...	...	...	1.75	...	1,5,6	1	0
SN 1991M	1991-08-20.000	48488.000	152.09	1	3920-7000	12	...	...	...	1.25	...	1,5	1	0
SN 1991O	1991-04-07.000	48353.000	...	1	3960-7040	12	...	...	...	3.5	...	1,2	1	0
SN 1991O	1991-05-05.000	48381.000	31.05	1	3900-7000	12	...	...	...	1.25	...	1,5	1	0
SN 1991T	1991-04-18.000	48364.000	-10.10	1	4060-8360	12	...	...	...	1.5	...	1,2	1	0
SN 1991T	1991-04-19.000	48365.000	-9.11	1	3100-9840	12	...	...	...	1.5	...	1,2	1	0
SN 1991T	1991-05-05.000	48381.000	6.80	1	3110-9858	12	...	...	...	1.25	...	1,5	1	0
SN 1991T	1991-07-20.000	48457.000	82.36	1	3150-9886	12	...	...	...	1.75	...	1,2,5	1	0
SN 1991T	1991-08-19.000	48487.000	112.19	1	3924-9748	12	...	...	...	1.25	...	1,5	1	0
SN 1991T	1991-08-20.000	48488.000	113.18	1	6800-9748	12	...	...	...	1.25	...	1,5	1	0
SN 1991T	1991-10-31.000	48560.000	184.77	1	3930-7042	12	...	...	...	2.5	...	1,5	1	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1991T	1992-03-13.435	48694.435	318.43	3	3292-10188	6/11	22	14	1.27	4.75	3600	1,5,7,8	1	0
SN 1991T	1992-04-11.361	48723.361	347.19	3	3300-10450	6/11	202	16	1.29	2.25	3600	1,5,8	1	0
SN 1991am	1991-08-04.000	48472.000	...	1	3940-6920	12	...	...	...	1.75	...	1,5,6	1	0
SN 1991ak	1991-07-20.000	48457.000	...	1	3920-6980	12	...	...	...	1.75	...	1,2,5	1	0
SN 1991ak	1991-08-05.000	48473.000	...	1	3920-6900	12	...	...	...	1.75	...	1,5,6	1	0
SN 1991ak	1991-08-20.000	48488.000	...	1	3908-7060	12	...	...	...	1.25	...	1,5	1	0
SN 1991at	1991-09-16.000	48515.000	...	1	4060-7060	12	...	...	...	1.5	...	1,5	1	0
SN 1991as	1991-09-16.000	48515.000	...	1	3940-7060	12	...	...	...	1.5	...	1,5	1	0
SN 1991ay	1991-10-02.000	48531.000	...	1	3940-7040	12	...	...	...	1.5	...	1,5	1	0
SN 1991bd	1991-10-31.000	48560.000	...	1	3920-7060	12	...	...	...	2.5	...	1,5	1	0
SN 1991bc	1991-10-31.000	48560.000	...	1	3100-8900	12	...	...	...	2.5	...	1,5	1	0
SN 1991bc	1991-12-14.000	48604.000	...	1	3920-7080	12	...	...	...	1.5	...	1,5	1	0
SN 1991bb	1991-10-31.000	48560.000	...	1	3920-7060	12	...	...	...	2.5	...	1,5	1	0
SN 1991bb	1991-12-14.000	48604.000	...	1	3920-7080	12	...	...	...	1.5	...	1,5	1	0
SN 1991bf	1991-12-14.000	48604.000	...	1	3920-7000	12	...	...	...	1.5	...	1,5	1	0
SN 1991bg	1991-12-13.000	48603.000	0.14	1	3300-8680	12	...	...	...	1.5	...	1,5	1	0
SN 1991bg	1991-12-14.000	48604.000	1.14	1	3905-9900	12	...	...	...	1.5	...	1,5	1	0
SN 1991bg	1992-01-01.000	48622.000	19.07	1	3090-9905	12	...	...	...	2	...	1,5,7	1	0
SN 1991bg	1992-01-09.000	48630.000	27.04	1	3240-9910	12	...	...	...	1.75	...	1,5,7	1	0
SN 1991bg	1992-01-09.000	48630.000	27.04	1	5407-6207	...	...	...	...	1.75	...	1,5,7	1	0
SN 1991bg	1992-01-30.000	48651.000	47.97	4	3090-7005	...	25	25	1.00	1	3000	10,9	1	0
SN 1991bg	1992-03-13.493	48694.493	91.31	3	3690-9765	6/11	48	44	1.39	4.75	3900	1,5,7,8	1	0
SN 1991bg	1992-05-23.309	48765.309	161.88	3	3180-10360	6/11	51	47	1.45	1.75	3600	1,7,8	2	0
SN 1991bh	1991-12-14.000	48604.000	...	1	3920-6880	12	...	...	...	1.5	...	1,5	1	0
SN 1991bj	1992-01-01.000	48622.000	...	1	4200-7400	12	...	...	...	2	...	1	1	0
SN 1992G	1992-03-13.347	48694.347	23.41	3	3280-10200	6/11	180	86	1.02	4.75	900	1,5,7,8	1	0
SN 1992G	1992-04-11.216	48723.216	52.13	3	3130-10400	6/11	102	273	1.00	2.25	3600	1,5,8	1	0
SN 1992G	1992-04-21.225	48733.225	62.09	3	3096-10290	6/11	180	87	1.01	2.25	4500	1,5	2	0
SN 1992G	1992-05-03.000	48745.000	73.80	3	3500-10200	6/11	...	...	...	...	...	11	1	0
SN 1992G	1992-05-23.249	48765.249	93.94	3	3600-10200	6/11	74	76	1.29	1.75	3000	1,7,8	2	0
SN 1992G	1992-06-09.235	48782.235	110.84	3	3224-10214	6/11	71	73	1.50	1.5	3600	1,5,7	2	0
SN 1992G	1992-06-10.256	48783.256	111.85	3	3224-10214	6/11	67	68	1.72	1.5	1200	1,5,7	2	0
SN 1992G	1992-06-25.244	48798.244	126.76	3	4000-7400	5	63	64	2.14	2.25	1800	1,12,13	2	0
SN 1992M	1992-03-13.253	48694.253	...	3	5590-10200	11	45	101	1.10	4.75	1800	1,5,7,8	1	0
SN 1992M	1992-03-13.253	48694.253	...	3	3300-5400	6	45	101	1.10	4.75	1800	1,5,7,8	1	0
SN 1992ah	1992-07-06.383	48809.383	...	3	3232-10380	6/11	72	44	1.32	1.25	1800	1,5	2	0
SN 1992ap	1992-09-02.249	48867.249	...	3	4256-7040	3	74	75	1.47	1.75	1200	1,5,7	2	0
SN 1993C	1993-01-29.347	49016.347	...	3	3258-10200	6/11	329	322	1.11	3.5	4500	1,5	2	0
SN 1993C	1993-03-01.279	49047.279	...	3	3100-10200	6/11	161	339	1.09	1.25	1800	1,14,5	2	0
SN 1993C	1993-04-14.215	49091.215	...	3	3240-10000	6/11	200	18	1.10	1.5	1800	1,5	1	0
SN 1993Y	1993-09-25.399	49255.399	28.33	3	3200-10200	6/11	88	274	1.07	1.75	1800	1,5	1	0
SN 1993aa	1993-09-25.290	49255.290	...	3	3200-10100	6/11	180	354	1.38	1.75	3000	1,5	1	0
SN 1993Z	1993-09-25.548	49255.548	28.92	3	3200-9900	6/11	143	309	2.01	1.75	860	1,5	1	0
SN 1993Z	1993-10-22.548	49282.548	55.80	3	3130-10470	6/11	143	320	1.33	1.25	860	1,5	3	0
SN 1993Z	1993-11-17.554	49308.554	81.68	3	3240-10100	6/11	180	351	1.16	1	1200	1,5	1	0
SN 1993Z	1993-12-18.478	49339.478	112.47	3	3120-10380	6/11	180	352	1.16	2	2400	1,7	3	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup> Corr.	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1993Z	1994-01-07.478	49359.478	132.38	3	3300-10100	6/11	207	23	1.22	2	1800	1,5	1	0
SN 1993Z	1994-01-19.406	49371.406	144.25	3	3250-9900	6/11	187	1	1.16	1	2400	1,5	1	0
SN 1993Z	1994-02-05.416	49388.416	161.19	3	3120-10510	6/11	213	29	1.27	2	2400	1	3	0
SN 1993Z <sup>m</sup>	1994-03-17.236	49428.236	200.83	3	3120-10400	6/11	178	355	1.16	2	1800	1,15,5	3	0
SN 1993Z	1994-04-18.237	49460.237	232.69	3	3120-10450	6/11	218	35	1.35	1.5	2700	1,7	3	0
SN 1993ab	1993-10-22.363	49282.363	...	3	3120-10470	6/11	226	234	1.01	1.25	1200	1,5	3	0
SN 1993ac	1993-10-22.525	49282.525	12.68	3	3120-10470	6/11	169	165	1.12	1.25	1600	1,5	3	0
SN 1993ac	1993-11-08.280	49299.280	28.66	3	3220-10000	6/11	266	266	1.39	1.75	1500	1,5	1	0
SN 1993ae	1993-11-17.384	49308.384	18.99	3	3120-10100	6/11	46	42	2.07	1	2700	1,5	1	0
SN 1993ae	1994-01-07.217	49359.217	68.87	3	3300-10100	6/11	38	34	1.71	2	3600	1,5	1	0
SN 1993ai	1994-01-07.381	49359.381	...	3	3350-9850	6/11	303	129	1.08	2	2400	1,5	1	0
SN 1993aj	1994-01-07.523	49359.523	...	3	3350-10300	6/11	188	346	1.28	2	1800	1,5	1	0
SN 1993aj	1994-01-19.542	49371.542	...	3	3500-9850	6/11	179	11	1.29	1	1200	1,5	1	0
SN 1993aj	1994-02-05.451	49388.451	...	3	4270-7020	3	175	348	1.28	2	2100	1	3	0
SN 1994B	1994-01-19.506	49371.506	...	3	3250-9800	6/11	239	53	1.63	1	2700	1,5	1	0
SN 1994B	1994-02-05.364	49388.364	...	3	3140-10470	6/11	223	24	1.13	2	3600	1	3	0
SN 1994E	1994-03-13.581	49424.581	...	5	3940-8850	7	110	116	1.64	1	2100	1,5	1	0
SN 1994J	1994-04-04.455	49446.455	...	3	4250-7020	3	250	72	1.85	2.75	1200	1,15,5	3	0
SN 1994D	1994-03-09.000	49420.000	-12.31	3	3196-7372	6/5	...	...	...	...	...	16	3	0
SN 1994D	1994-03-10.000	49421.000	-11.31	3	3320-7580	6/5	...	...	...	...	...	17	3	0
SN 1994D	1994-03-12.000	49423.000	-9.32	3	3320-7760	6/5	...	...	...	...	...	17	3	0
SN 1994D	1994-03-13.644	49424.644	-7.67	5	3240-8800	4.5/7	70	71	1.90	1	800	1,5	1	0
SN 1994D	1994-03-15.000	49426.000	-6.32	3	3240-7280	6/5	...	...	...	...	...	18,19	3	0
SN 1994D	1994-03-16.000	49427.000	-5.32	3	3240-7280	6/5	...	...	...	2	...	18,19	3	0
SN 1994D <sup>m</sup>	1994-03-17.459	49428.459	-3.87	3	3120-9900	6/11	218	31	1.31	2	3600	1,15,5	3	0
SN 1994D <sup>m</sup>	1994-03-18.000	49429.000	-3.33	3	3120-9900	6/11	...	...	...	2	...	1,15,5	3	0
SN 1994D	1994-04-04.395	49446.395	14.04	3	3120-9900	6/11	36	30	1.25	2.75	1700	1,15,5	3	0
SN 1994D	1994-04-11.000	49453.000	20.64	3	3206-7384	6/5	...	...	...	...	...	16	3	0
SN 1994D	1994-04-18.402	49460.402	28.03	3	3120-9900	6/11	225	43	1.48	1.5	1500	1,7	3	0
SN 1994D	1994-04-20.000	49462.000	29.63	3	3210-10200	6/11	...	...	...	...	...	20	3	0
SN 1994D	1994-05-04.000	49476.000	43.61	3	3320-10380	6/11	...	...	...	...	...	21,22	3	0
SN 1994D	1994-05-09.000	49481.000	48.60	3	3190-7320	6/5	...	...	...	...	...	19	3	0
SN 1994D	1994-05-10.000	49482.000	49.60	3	3190-7316	6/5	...	...	...	...	...	23	3	0
SN 1994D	1994-05-12.000	49484.000	51.59	3	3140-6160	6/5	...	...	...	...	...	24	3	0
SN 1994D	1994-05-14.000	49486.000	53.59	3	3140-6160	6/5	...	...	...	...	...	24	3	0
SN 1994D	1994-06-03.310	49506.310	73.87	3	3282-10142	6/11	50	48	1.80	3	2400	1,15,5	3	0
SN 1994D	1994-06-16.294	49519.294	86.83	3	3170-10500	6/11	51	50	2.10	3	2400	1,15,5	3	0
SN 1994D	1994-07-14.232	49547.232	114.73	3	3210-10260	6/11	52	52	2.43	2.25	2400	1	3	0
SN 1994Q	1994-06-03.461	49506.461	9.68	3	3120-8040	6/5	81	83	1.20	3	1800	1,15,5	3	0
SN 1994Q	1994-07-14.370	49547.370	49.42	3	3120-10400	6/11	78	79	1.29	2.25	2200	1	3	0
SN 1994Q	1994-08-04.343	49568.343	69.79	3	3120-10360	6/11	73	74	1.48	3	1800	1,15,25	3	0
SN 1994S	1994-06-16.338	49519.338	1.11	3	3120-11300	6/11	61	61	2.19	3	1200	1,15,5	3	0
SN 1994T	1994-07-15.233	49548.233	33.09	3	3120-10400	6/11	46	45	2.33	1.5	2100	1	3	0
SN 1994U	1994-07-13.227	49546.227	...	3	3120-11400	6/11	45	43	2.70	1.75	1800	1	3	0
SN 1994X	1994-09-01.410	49596.410	...	3	3120-10400	6/11	175	358	2.13	2.25	1800	1,15,5	3	0
SN 1994ab	1994-10-11.226	49636.226	...	3	4260-7000	5	197	14	2.71	1.75	1800	1,5	4	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1994ae	1995-02-24.472	49772.472	87.37	3	3120-11350	6/11	52	50	1.32	1.5	2100	1,15	3	0
SN 1994ae	1995-04-22.372	49829.372	144.03	3	3130-10550	6/11	236	56	1.80	3	2100	1,15,26	4	0
SN 1994ae	1995-07-06.210	49904.210	218.55	3	3592-10450	6/11	56	56	2.76	2.75	1800	15,27	4	0
SN 1995A	1995-02-24.211	49772.211	...	3	4260-7030	3	188	7	1.02	1.5	1800	1,15	3	0
SN 1995C	1995-02-24.411	49772.411	...	3	4260-7030	3	181	358	2.78	1.5	600	1,15	3	0
SN 1995D	1995-02-24.433	49772.433	3.84	3	3120-9900	6/11	44	42	1.57	1.5	1900	1,15	3	0
SN 1995D	1995-03-25.364	49801.364	32.58	3	3140-11100	6/11	47	43	1.67	3.25	3000	1,15,27	4	0
SN 1995D	1995-04-22.265	49829.265	60.30	3	3296-10314	6/11	222	39	1.48	3	2200	1,15,26	4	0
SN 1995D	1995-05-24.195	49861.195	92.02	3	3120-10450	6/11	48	43	1.62	1.75	2100	1,15,27	4	0
SN 1995E	1995-02-24.314	49772.314	-2.46	3	3120-11340	6/11	145	149	1.27	1.5	1800	1,15	3	0
SN 1995E	1995-04-22.307	49829.307	53.88	3	3180-10550	6/11	87	89	1.62	3	1700	1,15,26	4	0
SN 1995L	1995-04-22.475	49829.475	...	3	4300-7060	5	247	68	1.46	3	1800	1,15,26	4	0
SN 1995T	1995-08-01.453	49930.453	...	3	3180-8040	6/5	70	9	1.51	1.25	3000	1,15,27	4	0
SN 1995ac	1995-09-26.406	49986.406	-6.34	3	3200-10450	6/11	231	37	2.30	2.5	3600	1,27	4	0
SN 1995ac	1995-10-29.000	50019.000	24.71	3	3340-10600	6/11	...	...	...	1.5	...	28,29	4	0
SN 1995ak	1995-11-26.477	50047.477	26.38	5	5101-10181	6	63	64	1.35	0.90	3600	1,15,30,31	3	0
SN 1995al	1995-11-30.444	50051.444	22.15	3	3160-9900	6/11	109	289	1.20	1.5	1400	1,5	4	0
SN 1995al	1995-12-17.440	50068.440	39.06	3	3180-10450	6/11	107	287	1.07	6	2700	1,27	4	0
SN 1996P	1996-04-26.626	50199.626	...	5	4835-9835	7	64	81	1.32	1.2	600	1,15,30,31	3	0
SN 1996P	1996-03-27.277	50169.277	...	3	4300-7000	3	139	318	1.60	1.5	1800	1,27	5	0
SN 1996ai	1996-06-20.000	50254.000	...	3	3700-7600	6/5	...	...	...	2	...	32	4	0
SN 1996ai	1996-06-21.000	50255.000	...	3	3600-7600	6/5	...	...	...	2	...	32	4	0
SN 1996ai	1996-06-22.331	50256.331	...	3	3160-10450	6/11	68	68	1.73	2.25	1800	1,27,33	4	0
SN 1996ai	1996-07-13.322	50277.322	...	5	4960-9820	7	92	96	1.56	1.1	1200	1,27,5,8	4	0
SN 1996ai	1996-08-10.191	50305.191	...	3	3200-10400	6/11	68	69	1.66	2.5	2100	1,27,34	4	0
SN 1996bv	1996-12-07.336	50424.336	20.30	3	4320-7040	3	90	216	1.08	3	762	1,27,34	5	0
SN 1997E	1997-02-09.272	50488.272	20.40	3	3200-10500	6/11	159	159	1.27	2	667	1,27,34,35	4	0
SN 1997T	1997-02-09.297	50488.297	...	3	4370-7050	3	107	237	1.46	2	1800	1,27,34,35	4	0
SN 1997Y	1997-02-09.351	50488.351	1.27	3	3200-9920	6/11	54	264	1.23	2	600	1,27,34,35	4	0
SN 1997bp	1997-04-16.451	50554.451	5.49	3	3160-10470	6/11	44	42	2.96	2.5	700	1,15,35	4	0
SN 1997br	1997-04-16.430	50554.430	-4.84	3	3160-10470	6/11	33	30	2.81	2.5	900	1,15,35	4	0
SN 1997br	1997-05-11.214	50579.214	19.78	3	3140-6960	6/5	186	343	2.08	1.75	1700	1,27	4	0
SN 1997br	1997-06-06.214	50605.214	45.60	3	3160-10400	6/11	186	6	2.01	4	1700	1,27	4	0
SN 1997br	1997-07-10.214	50639.214	79.36	3	4220-6960	3	37	34	3.26	3.5	900	1,27	4	0
SN 1997br	1997-07-10.221	50639.221	79.37	3	3300-10500	6/11	37	34	3.51	3.5	2100	1,27	4	0
SN 1997cn	1997-06-06.363	50605.363	18.38	3	3160-10400	6/11	235	54	1.52	4	2100	1,27	4	0
SN 1997cw	1997-08-04.452	50664.452	32.77	3	3280-10550	6/11	165	344	1.11	1.5	1500	1,27,35	5	0
SN 1997cw	1997-09-06.406	50697.406	65.16	3	3280-10450	6/11	150	14	1.11	1.75	1800	1,35	5	0
SN 1997do	1997-11-08.480	50760.480	-5.67	3	3270-10500	6/11	53	223	1.02	2	900	1,27	1	0
SN 1997do	1998-01-28.311	50841.311	74.35	3	3280-10200	6/11	93	140	1.02	2.5	1800	1,35	1	0
SN 1997fb	1998-01-17.315	50830.315	...	5	4340-6840	3	220	360	1.91	1	400	1,36	4	0
SN 1997fc	1998-01-17.322	50830.322	...	5	4340-6840	3	249	4	1.93	1	800	1,36	4	0
SN 1998V	1998-03-26.638	50898.638	7.20	5	3850-9200	4.5/7	60	286	1.05	1.15	150	1,27,37	1	0
SN 1998aq	1998-06-18.321	50982.321	51.34	3	3300-10400	6/11	71	71	1.81	1.25	870	1,27,38,39	1	0
SN 1998aq	1998-07-17.241	51011.241	80.15	3	3350-10400	6/11	72	71	1.81	2.5	944	1,15	1	0
SN 1998aq	1998-07-23.234	51017.234	86.13	3	3280-10200	6/11	70	70	1.86	1.5	374	27,35	1	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1998bn	1998-05-22.268	50955.268	...	3	5391-8171	5	0	22	2.43	...	900	40	6	0
SN 1998bn	1998-05-22.268	50955.268	...	3	3196-5358	6	0	22	2.43	...	900	40	6	0
SN 1998bn	1998-06-18.216	50982.216	...	3	3400-10400	6/11	30	31	2.92	1.25	1200	1,27,38,39	1	0
SN 1998bp	1998-05-22.434	50955.434	18.87	3	5391-8171	5	0	10	1.06	...	900	40	6	0
SN 1998bp	1998-05-22.434	50955.434	18.87	3	3196-5358	6	0	10	1.06	...	900	40	6	0
SN 1998bp	1998-06-18.454	50982.454	45.61	3	3300-10400	6/11	54	54	1.33	1.25	1200	1,27,38,39	1	0
SN 1998bp	1998-09-21.174	51077.174	139.35	3	3300-10200	6/11	51	51	1.25	1.5	1800	1,27,41	1	0
SN 1998bp	1998-10-15.131	51101.131	163.06	3	3474-9776	6/11	54	55	1.38	2.5	2100	1,27	1	0
SN 1998bu	1998-06-18.206	50982.206	29.58	3	3400-10400	6/11	53	53	1.84	1.25	200	1,27,38,39	1	0
SN 1998bu	1998-07-17.200	51011.200	58.49	3	3350-10400	6/11	54	54	5.06	2.5	660	1,15	1	0
SN 1998bu	1999-01-10.378	51188.378	235.13	3	3350-10300	6/11	134	316	1.30	2	1800	1,42,5	7	0
SN 1998bu	1999-02-23.420	51232.420	279.05	3	3340-10550	6/11	38	36	1.20	1.75	1800	1,42	5	0
SN 1998bu	1999-04-24.279	51292.279	338.73	3	3300-10520	6/11	45	43	1.28	2.75	1800	1,42	5	0
SN 1998cd	1998-06-18.240	50982.240	...	3	3500-10400	6/11	67	67	1.74	1.25	1200	1,27,38,39	1	0
SN 1998cl	1998-06-18.387	50982.387	...	3	3400-10400	6/11	86	85	1.64	1.25	740	1,27,38,39	1	0
SN 1998cm	1998-06-18.346	50982.346	...	3	3800-10400	6/11	50	51	2.75	1.25	1100	1,27,38,39	1	0
SN 1998cs	1998-07-17.387	51011.387	...	3	3350-10400	6/11	70	70	1.64	2.5	2150	1,15	1	0
SN 1998cs	1998-07-23.367	51017.367	...	3	3280-10200	6/11	72	71	1.58	1.5	1500	27,35	1	0
SN 1998cs	1998-09-20.182	51076.182	...	3	4300-7050	3	75	75	1.41	1.5	1800	1,27,41	1	0
SN 1998dh <sup>m</sup>	1998-08-23.521	51048.521	18.77	3	3300-10100	6/11	90	47	1.78	3	300	43	1	2
SN 1998dh	1998-08-31.287	51056.287	26.47	3	3396-10200	6/11	147	327	1.32	1.5	600	1,27,5	1	-6
SN 1998dh	1998-09-21.260	51077.260	47.26	3	3300-10200	6/11	161	341	1.22	1.5	1800	1,27,41	1	6
SN 1998dh	1998-10-15.218	51101.218	71.00	3	3300-10200	6/11	175	352	1.19	2.5	1500	1,27	1	5
SN 1998de	1998-08-31.492	51056.492	29.49	3	3300-10200	6/11	59	60	1.10	1.5	1800	1,27,5	1	0
SN 1998de	1998-09-20.346	51076.346	49.02	3	3300-10400	6/11	90	333	1.02	1.5	1800	1,27,41	1	0
SN 1998de	1998-10-15.294	51101.294	73.56	3	3320-10200	6/11	132	7	1.02	2.5	2700	1,27	1	0
SN 1998dj	1998-08-31.466	51056.466	...	3	3300-10200	6/11	190	358	1.39	1.5	1500	1,27,5	1	0
SN 1998dk <sup>m</sup>	1998-08-24.518	51049.518	-7.24	3	3300-10100	6/11	90	37	1.56	3	600	43	1	0
SN 1998dk	1998-08-31.305	51056.305	-0.54	3	3300-10200	6/11	144	324	1.53	1.5	1200	1,27,5	1	0
SN 1998dk	1998-09-21.287	51077.287	20.17	3	3300-10200	6/11	161	337	1.34	1.5	1500	1,27,41	1	0
SN 1998dk	1998-10-15.256	51101.256	43.83	3	3320-10200	6/11	171	353	1.28	2.5	2100	1,27	1	0
SN 1998dm <sup>m</sup>	1998-08-24.506	51049.506	-12.48	3	3300-10100	6/11	90	15	1.42	3	900	43	1	2
SN 1998dm	1998-08-31.423	51056.423	-5.61	3	3300-10200	6/11	169	350	1.39	1.5	1200	1,27,5	1	5
SN 1998dm	1998-09-20.380	51076.380	14.22	3	3300-10300	6/11	174	353	1.38	1.5	600	1,27,41	1	5
SN 1998dm	1998-10-15.335	51101.335	39.01	3	3300-10200	6/11	185	6	1.38	2.5	1800	1,27	1	6
SN 1998dm	1998-11-25.288	51142.288	79.70	3	3330-10200	6/11	209	31	1.62	2.25	2700	1,5	1	0
SN 1998dw	1998-09-21.340	51077.340	...	3	3400-10200	6/11	162	346	1.71	1.5	1300	1,27,41	1	0
SN 1998dx	1998-09-21.225	51077.225	5.13	3	3300-10200	6/11	90	90	1.26	1.5	1800	1,27,41	1	0
SN 1998dx	1998-10-15.174	51101.174	27.84	3	3300-10200	6/11	86	85	1.35	2.5	2700	1,27	1	0
SN 1998eb	1998-09-20.423	51076.423	...	3	3300-10300	6/11	77	249	1.35	1.5	1800	1,27,41	1	0
SN 1998ec	1998-10-15.463	51101.463	11.86	3	3300-10200	6/11	250	252	1.11	2.5	1800	1,27	1	0
SN 1998ef	1998-10-19.128	51105.128	-8.62	3	3200-10100	6/11	90	294	1.58	3	600	43,44	1	0
SN 1998ef	1998-11-25.220	51142.220	27.83	3	3330-10200	6/11	215	54	1.01	2.25	1800	1,5	1	0
SN 1998ef	1999-01-10.181	51188.181	72.99	3	3350-10300	6/11	109	70	1.20	2	1800	1,42,5	7	0
SN 1998ef	1999-01-21.212	51199.212	83.82	5	5100-8800	7	109	111	1.12	1.1	600	1,27	8	0
SN 1998ef	1999-01-22.236	51200.236	84.83	5	3500-10950	4.5/7	109	103	1.20	0.95	200	1,27	8	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1998eg	1998-11-25.166	51142.166	30.60	3	3330-10200	6/11	215	37	1.27	2.25	2550	1,5	1	0
SN 1998en	1998-11-25.341	51142.341	...	3	3340-10200	6/11	76	255	1.14	2.25	2700	1,5	1	0
SN 1998es	1998-11-25.252	51142.252	0.28	3	3330-10200	6/11	197	18	1.20	2.25	1800	1,5	1	5
SN 1998es	1999-01-10.221	51188.221	45.77	3	3350-10300	6/11	44	47	1.66	2	1800	1,42,5	7	5
SN 1998es	1999-01-18.206	51196.206	53.67	5	5420-9180	7	90	38	1.05	1.3	30	1,27,37	8	0
SN 1998es	1999-01-22.000	51200.000	57.42	5	3500-10950	4.5/7	65	66	1.29	0.95	100	1,27	8	0
SN 1998es	1999-02-12.135	51221.135	78.34	3	3300-10500	6/11	46	47	1.69	3	1800	1,27,42	5	0
SN 1998es	1999-02-23.132	51232.132	89.22	3	3300-10550	6/11	50	50	2.07	1.75	1800	1,42	5	0
SN 1998es	1999-03-12.133	51249.133	106.04	3	3700-10500	6/11	53	53	3.77	1.75	1800	1,42,5	5	0
SN 1998fc	1999-01-20.241	51198.241	...	5	5100-8850	7	51	11	1.05	2	1000	1,27,37	8	0
SN 1999C	1999-01-20.664	51198.664	...	5	5120-8840	7	126	123	1.95	2	700	1,27,37	8	0
SN 1999X	1999-02-12.168	51221.168	15.76	3	3300-10500	6/11	107	286	1.29	3	1802	1,27,42	5	0
SN 1999X	1999-02-23.278	51232.278	26.60	3	3340-10550	6/11	37	50	1.00	1.75	1800	1,42	5	0
SN 1999aa	1999-02-12.258	51221.258	-10.58	3	3300-10500	6/11	183	354	1.05	3	1800	1,27,42	5	0
SN 1999aa	1999-02-23.237	51232.237	0.24	3	3340-10550	6/11	155	336	1.05	1.75	900	1,42	5	0
SN 1999aa	1999-03-09.230	51246.230	14.04	5	3700-11000	4.5/7	93	273	1.16	1	180	1,42	8	0
SN 1999aa	1999-03-12.275	51249.275	17.04	3	3276-10500	6/11	185	46	1.10	1.75	1200	1,42,5	5	0
SN 1999aa	1999-04-24.185	51292.185	59.34	3	3300-10520	6/11	50	54	1.19	2.75	1800	1,42	5	0
SN 1999aa	1999-11-09.629	51491.629	255.94	5	4200-9600	7	3	285	1.01	1	600	1,37,45	8	0
SN 1999aa	1999-12-05.561	51517.561	281.51	5	4000-10000	7	3	285	1.01	1.85	300	1,46	8	0
SN 1999aq	1999-03-09.248	51246.248	...	5	3700-10000	4.5/7	110	301	1.54	1	300	1,42	8	0
SN 1999ac	1999-03-09.625	51246.625	-3.70	5	5050-8750	7	31	338	1.03	1	200	1,42	8	4
SN 1999ac	1999-03-12.466	51249.466	-0.89	3	3276-10500	6/11	185	327	1.25	1.75	900	1,42,5	5	2
SN 1999ac	1999-04-24.490	51292.490	41.73	3	3300-10520	6/11	213	36	1.27	2.75	1000	1,42	5	5
SN 1999ac	1999-07-09.336	51368.336	116.87	3	3290-10550	6/11	48	48	1.64	2	1800	1	5	0
SN 1999bh	1999-04-24.352	51292.352	...	3	3300-10520	6/11	100	98	1.35	2.75	1800	1,42	5	0
SN 1999bv	1999-04-24.460	51292.460	...	3	3300-10520	6/11	177	182	1.08	2.75	1800	1,42	5	0
SN 1999by	1999-11-09.645	51491.645	183.50	5	4000-9700	7	29	334	1.20	1	100	1,37,45	8	0
SN 1999cl	1999-06-21.222	51350.222	7.90	3	5130-10530	11	50	50	1.38	2.5	1200	1,42	5	-6
SN 1999cl	1999-07-09.213	51368.213	25.76	3	3290-10550	6/11	54	54	1.68	2	500	1	5	6
SN 1999cl	1999-07-18.201	51377.201	34.68	3	3360-10550	6/11	53	55	1.89	2.25	1200	1,39,5	5	5
SN 1999cl	1999-12-15.613	51527.613	183.95	5	5644-6935	3	107	284	1.23	1	900	1	1	0
SN 1999cp	1999-07-09.200	51368.200	4.91	3	3290-10550	6/11	27	28	1.54	2	600	1	5	6
SN 1999cp	1999-07-18.226	51377.226	13.85	3	3360-10550	6/11	40	41	2.01	2.25	900	1,39,5	5	6
SN 1999cw	1999-07-09.477	51368.477	14.79	3	3290-10550	6/11	153	333	1.55	2	1035	1	5	0
SN 1999cw	1999-07-18.473	51377.473	23.68	3	3360-10550	6/11	160	340	1.46	2.25	1200	1,39,5	5	0
SN 1999cw	1999-09-17.328	51438.328	83.79	3	3300-10550	6/11	172	349	1.40	1.25	1500	1,42,45	5	0
SN 1999cw	1999-10-08.369	51459.369	104.58	3	3290-10500	6/11	204	21	1.51	2.75	1800	1,47	5	0
SN 1999cw	1999-11-05.210	51487.210	132.08	3	3380-10460	6/11	175	356	1.38	2	1800	1,27,47	5	0
SN 1999da	1999-07-09.365	51368.365	-2.12	3	3290-10550	6/11	127	121	1.18	2	1200	1	5	0
SN 1999da	1999-07-18.352	51377.352	6.76	3	3360-10550	6/11	115	114	1.21	2.25	1800	1,39,5	5	0
SN 1999da	1999-08-17.275	51407.275	36.30	3	3340-10550	6/11	114	112	1.23	2.5	1800	1,45,47,5	5	0
SN 1999da	1999-09-10.211	51431.211	59.94	3	3300-10500	6/11	114	112	1.23	2	1500	27,47	5	0
SN 1999dam	1999-09-17.247	51438.247	66.89	3	3552-10174	6/11	77	92	1.42	1.25	1800	1,42,45	5	0
SN 1999dg	1999-08-17.209	51407.209	15.08	3	3340-10550	6/11	45	53	1.65	2.5	1200	1,45,47,5	5	5
SN 1999dg	1999-09-10.174	51431.174	38.52	3	3396-10500	6/11	55	55	2.18	2	1800	27,47	5	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 1999dk	1999-08-17.376	51407.376	-6.60	3	3340-10550	6/11	132	309	1.39	2.5	600	1,45,47,5	5	0
SN 1999dk	1999-09-10.384	51431.384	17.06	3	3300-10500	6/11	154	335	1.11	2	1800	27,47	5	0
SN 1999dk	1999-09-17.377	51438.377	23.95	3	3300-10550	6/11	166	342	1.10	1.25	1800	1,42,45	5	0
SN 1999dk	1999-10-08.264	51459.264	44.53	3	3290-10500	6/11	137	314	1.22	2.75	1800	1,47	5	0
SN 1999dk	1999-11-05.305	51487.305	72.16	3	3380-10460	6/11	200	24	1.11	2	1800	1,27,47	5	0
SN 1999do	1999-09-10.277	51431.277	9.96	3	3300-10500	6/11	90	302	1.02	2	1800	27,47	5	0
SN 1999dq	1999-09-10.525	51431.525	-3.93	3	3300-10500	6/11	220	42	1.09	2	900	27,47	5	5
SN 1999dq	1999-09-17.521	51438.521	2.97	3	3300-10550	6/11	227	48	1.13	1.25	1200	1,42,45	5	5
SN 1999dq	1999-10-08.337	51459.337	23.49	3	3290-10500	6/11	135	312	1.11	2.75	1800	1,47	5	5
SN 1999dq	1999-11-05.271	51487.271	51.03	3	3380-10460	6/11	144	325	1.07	2	1800	1,27,47	5	0
SN 1999ee	1999-11-05.152	51487.152	17.65	3	3380-10460	6/11	183	4	3.65	2	1202	1,27,47	5	0
SN 1999ek	1999-11-05.563	51487.563	5.66	3	3364-10460	6/11	51	52	1.36	2	600	1,27,47	5	0
SN 1999fz	1999-12-05.616	51517.616	...	5	4000-10000	7	67	301	2.27	1.85	300	1,46	8	0
SN 1999gd	1999-12-05.580	51517.580	-1.12	5	4000-10000	7	23	341	1.01	1.85	100	1,46	8	0
SN 1999gf	1999-12-05.598	51517.598	...	5	4000-10000	7	138	319	1.13	1.85	200	1,46	8	0
SN 1999gh	1999-12-05.606	51517.606	4.12	5	4000-10000	7	165	346	1.35	1.85	120	1,46	8	0
SN 1999gh	1999-12-17.463	51529.463	15.89	3	3360-10250	6/11	165	344	2.02	3.5	800	27,45,47	4	0
SN 1999gh	1999-12-17.543	51529.543	15.97	3	4240-6858	5	183	358	2.00	3.5	7500	27,45,47	4	0
SN 1999gh	2000-03-29.331	51632.331	117.97	3	3300-10500	6/11	210	28	2.77	2.5	2400	47,5	5	0
SN 1999gm	1999-12-17.419	51529.419	...	3	3360-10250	6/11	164	347	1.47	3.5	900	27,45,47	4	0
SN 2000J	2000-03-15.537	51618.537	...	3	3300-10500	6/11	149	66	1.25	3	1000	1,45	5	0
SN 2000al	2000-03-15.478	51618.478	...	3	3300-10500	6/11	31	33	1.48	3	2400	1,45	5	0
SN 2000Q	2000-03-15.514	51618.514	...	3	3300-10500	6/11	183	183	1.18	3	1200	1,45	5	0
SN 2000Q	2000-03-29.527	51632.527	...	3	3300-10500	6/11	71	155	1.20	2.5	1500	47,5	5	0
SN 2000bk	2000-04-27.393	51661.393	14.84	3	3300-10350	6/11	40	42	2.29	2	1200	1,27	5	0
SN 2000ce	2000-05-31.208	51695.208	27.05	3	3290-10450	6/11	80	79	1.68	3.5	940	1,45	5	0
SN 2000cn	2000-06-27.401	51722.401	14.25	3	3290-10400	6/11	61	63	1.14	2	1800	1,45	5	6
SN 2000cn	2000-07-06.455	51731.455	23.09	3	3300-10400	6/11	63	63	1.57	3.5	1200	1,39,47	5	5
SN 2000cp	2000-06-27.322	51722.322	2.92	3	3290-10400	6/11	47	50	1.23	2	2400	1,45	5	6
SN 2000cp	2000-07-06.396	51731.396	11.70	3	3300-10400	6/11	56	57	1.75	1.5	1500	1,39,47	5	-6
SN 2000cv	2000-07-28.228	51753.228	...	3	3300-10450	6/11	83	75	1.75	1.5	900	1,47	5	0
SN 2000cu	2000-07-28.337	51753.337	9.65	3	3300-10450	6/11	192	15	2.37	1.5	900	1,47	5	5
SN 2000cu	2000-08-27.227	51783.227	38.96	3	3300-10450	6/11	176	8	2.26	1.75	1800	1,42	5	2
SN 2000cw	2000-07-28.356	51753.356	4.81	3	3300-10450	6/11	115	295	1.24	1.5	900	1,47	5	5
SN 2000cw	2000-09-26.322	51813.322	63.02	3	3300-10400	6/11	159	30	1.02	2	1800	1,42,47,48	5	-4
SN 2000cx <sup>m</sup>	2000-07-23.000	51748.000	-4.46	2	3832-7400	7	0	...	2.00	...	3600	49	5	0
SN 2000cx	2000-07-28.396	51753.396	0.89	3	3300-10450	6/11	130	309	1.76	1.5	200	1,47	5	0
SN 2000cx <sup>m</sup>	2000-08-01.000	51757.000	4.46	3	3350-10700	6/11	...	...	1.10	...	600	50	5	0
SN 2000cx <sup>m</sup>	2000-08-02.000	51758.000	5.46	3	3350-10700	6/11	...	...	1.10	...	600	50	5	0
SN 2000cx <sup>m</sup>	2000-08-03.000	51759.000	6.45	2	3950-7450	7	0	...	2.10	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-05.000	51761.000	8.43	2	3950-7450	7	0	...	2.10	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-07.000	51763.000	10.42	2	3950-7450	7	0	...	2.10	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-10.000	51766.000	13.39	2	3950-7450	7	0	...	2.20	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-15.000	51771.000	18.35	2	3950-7450	7	0	...	2.00	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-18.000	51774.000	21.33	2	3950-7450	7	0	...	2.20	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-20.000	51776.000	23.32	2	3950-7450	7	0	...	1.90	...	3600	49	5	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2000cx <sup>m</sup>	2000-08-22.000	51778.000	25.30	2	3950-7450	7	0	...	2.10	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-24.000	51780.000	27.28	2	3950-7450	7	0	...	1.80	...	3600	49	5	0
SN 2000cx <sup>m</sup>	2000-08-26.000	51782.000	29.27	2	3950-7450	7	0	...	1.70	2	3600	49	5	0
SN 2000cx	2000-08-27.431	51783.431	30.69	3	3300-10450	6/11	160	342	1.15	1.75	450	1,42	5	0
SN 2000cx	2000-09-06.424	51793.424	40.60	3	3300-10450	6/11	174	355	1.13	3	700	1,42,47	5	0
SN 2000cx	2000-09-26.389	51813.389	60.41	3	3300-10400	6/11	185	9	1.13	2	1200	1,42,47,48	5	0
SN 2000cx	2000-10-06.359	51823.359	70.30	3	3300-10400	6/11	187	9	1.13	1.75	1800	1,47	5	0
SN 2000cx	2000-10-24.331	51841.331	88.13	3	3300-10400	6/11	194	21	1.16	1.5	1800	1,47	5	0
SN 2000cx	2000-11-01.336	51849.336	96.07	3	3300-10400	5.16/10.37	34	33	1.22	2.47	1800	1,42	5	0
SN 2000cx	2000-11-29.209	51877.209	123.73	3	3300-10500	6/11	186	6	1.13	3.5	1800	1,47	5	0
SN 2000cx	2000-12-21.173	51899.173	145.52	3	3300-10500	6/11	23	9	1.17	1.75	2700	1,39,47	5	0
SN 2000cx	2001-10-22.270	52204.270	448.22	6	3930-10198	0.5/0.5	199	288	1	2.02	1800	1,47	5	0
SN 2000dd	2000-08-27.256	51783.256	...	3	3300-10450	6/11	180	1	1.60	1.75	1800	1,42	5	0
SN 2000df	2000-08-26.225	51782.225	...	3	3290-10450	6/11	48	49	1.83	2	1000	27,42	5	0
SN 2000dg	2000-08-27.309	51783.309	-5.09	3	3300-10450	6/11	137	319	1.33	1.75	1500	1,42	5	0
SN 2000dg	2000-09-06.438	51793.438	4.66	3	3300-10450	6/11	210	34	1.24	3	2100	1,42,47	5	0
SN 2000dk	2000-09-26.479	51813.479	1.00	3	3300-10400	6/11	70	70	1.20	2	600	1,42,47,48	5	6
SN 2000dk	2000-10-06.487	51823.487	10.84	3	3300-10400	6/11	68	68	1.39	1.75	900	1,47	5	6
SN 2000dk	2000-10-24.361	51841.361	28.41	3	3300-10400	6/11	244	70	1.08	1.5	1200	1,47	5	4
SN 2000dk	2000-11-01.418	51849.418	36.32	3	3300-10400	7.43/9.53	66	67	1.44	2.31	1800	1,42	9	0
SN 2000dm	2000-09-26.244	51813.244	-1.63	3	3300-10400	6/11	55	56	1.78	2	1200	1,42,47,48	5	5
SN 2000dm	2000-10-06.206	51823.206	8.18	3	3300-10400	6/11	55	55	1.67	1.75	1500	1,47	5	5
SN 2000dm	2000-10-24.169	51841.169	25.88	3	3300-10400	6/11	235	56	1.86	1.5	1800	1,47	5	6
SN 2000dm	2000-11-01.166	51849.166	33.76	3	3260-10400	6/11	55	56	1.99	2.25	2400	1,42	9	5
SN 2000dn	2000-10-06.327	51823.327	-0.94	3	3300-10400	6/11	201	29	1.48	1.75	900	1,47	5	6
SN 2000dn	2000-10-24.205	51841.205	16.38	3	3300-10400	6/11	180	3	1.32	1.5	1800	1,47	5	0
SN 2000dp	2000-10-06.460	51823.460	...	3	3300-7790	6/5	201	19	1.74	1.75	1800	1,47	5	0
SN 2000dp	2000-10-24.388	51841.388	...	3	3300-10400	6/11	188	10	1.65	1.5	1200	1,47	5	0
SN 2000dr	2000-10-24.306	51841.306	6.78	3	3300-10400	6/11	186	8	1.68	1.5	1200	1,47	5	0
SN 2000dx	2000-11-01.255	51849.255	-9.26	3	3300-10400	4.55/10.68	148	332	1.25	4.99	1500	1,42	9	0
SN 2000ej	2000-11-29.126	51877.126	...	3	3300-10450	6/11	180	35	1.68	3.5	1800	1,47	5	0
SN 2000ey	2000-11-29.157	51877.157	7.90	3	3300-10450	6/11	177	29	1.21	3.5	1200	1,47	5	0
SN 2000ey	2000-12-21.000	51899.000	29.30	3	3260-10520	4.80/11.11	152	25	1.23	2.42	1200	1,39,47	5	0
SN 2000ey	2001-01-23.121	51932.121	61.76	3	3300-10600	6/11	152	50	2.03	2.5	1200	1,47	5	0
SN 2000fa	2000-12-05.566	51883.566	-8.25	3	3300-10450	6/11	240	60	1.43	1.75	1500	1,47	5	5
SN 2000fa	2000-12-21.000	51899.000	6.86	3	3260-10510	4.88/10.42	59	59	1.30	2.61	1200	1,39,47	5	5
SN 2000fo	2001-01-23.146	51932.146	...	3	3300-10600	6/11	52	60	2.06	2.5	1800	1,47	5	0
SN 2001A	2001-02-01.000	51941.000	...	3	3260-10600	5.13/10.49	200	30	1.26	1.15	1800	1,39,47	5	0
SN 2001C	2001-01-23.296	51932.296	...	3	3300-10600	6/11	174	168	1.08	2.5	1500	1,47	5	0
SN 2001C	2001-02-01.000	51941.000	...	3	3260-10600	5.00/10.26	167	156	1.09	2.41	900	1,39,47	5	0
SN 2001E	2001-02-01.000	51941.000	15.01	3	3260-10600	5.08/9.64	215	36	2.00	2.85	900	1,39,47	5	0
SN 2001G	2001-02-01.000	51941.000	11.57	3	3260-10600	4.91/10.65	145	220	1.04	2.33	1200	1,39,47	5	0
SN 2001L	2001-02-01.000	51941.000	21.57	3	3260-10600	5.20/9.71	220	41	2.27	2.42	500	1,39,47	5	0
SN 2001N	2001-02-01.000	51941.000	13.05	3	3260-10600	5.07/11.05	146	58	1.19	4.70	1200	1,39,47	5	0
SN 2001P	2001-02-01.000	51941.000	...	3	3260-10600	5.08/10.43	145	327	1.07	1.70	1800	1,39,47	5	0
SN 2001U	2001-03-29.450	51997.450	...	5	4350-6870	3	150	328	1.21	1.5	500	1,15	3	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2001V	2001-03-21.368	51989.368	15.86	3	3300-10400	6/11	36	38	1.04	2	900	1,39,47	5	0
SN 2001V	2001-03-29.363	51997.363	23.74	5	4350-6870	3	160	264	1.04	1.5	4800	1,15	3	0
SN 2001V	2001-03-30.282	51998.282	24.64	3	3300-10500	6/11	147	328	1.03	2	900	39,47	5	0
SN 2001V	2001-04-16.427	52015.427	41.53	5	4350-6870	3	160	108	1.08	1.75	4000	1,27	3	0
SN 2001V	2001-04-30.000	52029.000	54.91	3	3258-10600	5.07/10.37	54	56	1.12	2.22	1200	39,47	5	0
SN 2001V	2001-05-16.381	52045.381	71.04	3	3300-10450	6/11	239	59	2.19	4	1800	1,47	5	0
SN 2001ay	2001-04-30.000	52029.000	6.79	3	3260-10600	4.91/10.19	182	34	1.03	4.66	1500	39,47	5	0
SN 2001ay	2001-05-16.411	52045.411	22.72	3	3382-10206	6/11	242	62	1.34	4	1800	1,47	5	0
SN 2001az	2001-04-30.000	52029.000	-3.24	3	3260-10600	4.91/10.98	185	168	1.28	3.04	1200	39,47	5	0
SN 2001ba	2001-04-30.000	52029.000	-4.64	3	3260-10600	5.38/10.18	181	5	2.88	2.24	1200	39,47	5	0
SN 2001bf	2001-05-16.439	52045.439	1.22	3	3300-10450	6/11	147	8	1.02	4	900	1,47	5	5
SN 2001bf	2001-07-27.372	52117.372	72.06	3	3300-10400	6/11	62	62	1.37	1.5	1200	1,47	5	6
SN 2001bg	2001-05-25.000	52054.000	13.70	3	3300-10500	5.00/10.76	63	63	1.62	2.10	900	27,47	5	6
SN 2001bg	2001-05-30.247	52059.247	18.91	6	3930-10199	0.5/0.5	90	88	1.50	0.70	150	1,47	5	6
SN 2001br	2001-05-25.245	52054.245	3.47	3	3414-7850	4.97/5.59	115	293	1.62	2.88	900	27,47	5	6
SN 2001br	2001-05-25.256	52054.256	3.48	3	3334-10154	5.00/9.80	115	293	1.62	3.06	300	27,47	5	6
SN 2001bp	2001-05-16.463	52045.463	0.51	3	3300-10450	6/11	150	76	1.19	4	1200	1,47	5	0
SN 2001bp	2001-05-29.400	52058.400	12.34	6	3930-10199	0.5/0.5	240	194	1.05	0.80	400	1,47	5	0
SN 2001bs	2001-05-29.296	52058.296	...	6	3930-10200	0.5/0.5	276	181	1.49	0.80	300	1,47	5	0
SN 2001cg	2001-05-29.393	52058.393	...	6	3930-10200	0.5/0.5	183	94	1.23	0.80	300	1,47	5	0
SN 2001cj	2001-06-29.296	52089.296	23.14	3	3300-10400	6/11	246	65	1.63	2	1000	39,47,51	5	0
SN 2001ck	2001-06-29.357	52089.357	16.39	3	3300-10400	6/11	244	64	1.71	2	700	39,47,51	5	0
SN 2001ck	2001-07-16.305	52106.305	32.77	3	3300-10400	6/11	64	64	1.69	2.5	1400	39,47	5	6
SN 2001cp	2001-06-29.422	52089.422	1.39	3	3300-10400	6/11	228	48	1.80	2	800	39,47,51	5	0
SN 2001cp	2001-07-16.406	52106.406	18.00	3	3300-10400	6/11	49	51	2.41	2.5	1200	39,47	5	0
SN 2001cp	2001-07-27.258	52117.258	28.62	3	3300-10400	6/11	50	28	1.25	1.5	1200	1,47	5	0
SN 2001da	2001-07-16.458	52106.458	-1.12	3	3300-10400	6/11	151	332	1.20	2.5	900	39,47	5	6
SN 2001da	2001-07-27.486	52117.486	9.72	3	3300-10400	6/11	181	3	1.15	1.5	900	1,47	5	6
SN 2001de	2001-07-27.446	52117.446	...	3	3300-10400	6/11	149	152	1.03	1.5	1500	1,47	5	0
SN 2001dd	2001-07-16.435	52106.435	...	3	3300-10400	6/11	25	28	1.39	2.5	1200	39,47	5	0
SN 2001dl	2001-08-23.427	52144.427	13.84	3	3300-10400	6/11	47	48	1.55	1.75	900	39,47	5	5
SN 2001dl	2001-09-12.212	52164.212	33.22	3	3300-10400	6/11	158	341	1.16	2	1200	1,42,47	9	5
SN 2001dm	2001-08-23.468	52144.468	...	3	3412-10104	6/11	171	352	2.62	1.75	600	39,47	5	0
SN 2001dn	2001-09-12.377	52164.377	...	3	3300-10400	6/11	146	274	1.03	2	900	1,42,47	9	0
SN 2001ds	2001-08-23.488	52144.488	...	3	3442-10240	6/11	99	281	1.00	1.75	1200	39,47	5	0
SN 2001ei	2001-09-20.348	52172.348	...	3	3300-10400	6/11	63	34	1.03	1.75	1800	1,47	9	0
SN 2001ei	2001-10-23.305	52205.305	...	6	3930-10199	0.5/0.5	280	241	1.03	0.90	600	1,47	5	0
SN 2001dt	2001-09-12.306	52164.306	13.60	3	3300-10400	6/11	26	204	1.03	2	1800	1,42,47	9	0
SN 2001dw	2001-09-12.446	52164.446	11.06	3	3300-10400	6/11	157	338	1.13	2	900	1,42,47	9	0
SN 2001eg	2001-09-12.513	52164.513	...	3	3300-10400	6/11	86	262	1.32	2	1800	1,42,47	9	0
SN 2001ec	2001-09-12.413	52164.413	...	3	3300-10400	6/11	120	306	1.02	2	1800	1,42,47	9	0
SN 2001ed	2001-09-20.418	52172.418	...	3	3300-10400	6/11	183	4	1.17	1.75	1000	1,47	9	0
SN 2001eh	2001-09-11.263	52163.263	-5.63	3	3300-10400	6/11	107	285	1.43	2.5	600	1,42,47	9	0
SN 2001eh	2001-09-12.399	52164.399	-4.53	3	3300-10400	6/11	146	243	1.01	2	600	1,42,47	9	0
SN 2001eh	2001-09-20.478	52172.478	3.26	3	3300-10400	6/11	94	92	1.08	1.75	1200	1,47	9	0
SN 2001eh	2001-10-20.367	52202.367	32.08	3	3300-10400	5.07/10.41	180	102	1.03	1.59	1200	1,47	9	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2001eh	2001-10-25.173	52207.173	36.71	3	3280-10400	6/11	99	278	1.22	1.75	2100	42,47	5	0
SN 2001eh	2001-11-18.217	52231.217	59.90	6	3930-10199	0.5/0.5	346	285	1.40	0.90	600	1,47	5	0
SN 2001eu	2001-10-22.342	52204.342	...	6	3930-10199	0.5/0.5	145	299	1.46	0.70	900	1,47	5	0
SN 2001en	2001-10-20.453	52202.453	10.09	3	3300-10400	5.35/10.26	251	70	1.31	2.15	600	1,47	9	5
SN 2001en	2001-10-25.152	52207.152	14.72	3	3280-10400	6/11	110	290	1.35	1.75	900	42,47	5	5
SN 2001en	2001-11-15.406	52228.406	35.64	3	3280-10400	6/11	69	68	1.48	2.75	900	1,47	5	0
SN 2001ep	2001-10-20.470	52202.470	2.83	3	3300-10400	5.31/10.61	182	4	1.35	2.02	600	1,47	9	6
SN 2001ep	2001-10-22.654	52204.654	4.99	6	3930-10199	0.5/0.5	143	54	1.37	0.70	210	1,47	5	3
SN 2001ep	2001-10-23.652	52205.652	5.97	6	3930-10199	0.5/0.5	143	54	1.37	0.90	300	1,47	5	3
SN 2001ep	2001-10-25.556	52207.556	7.85	3	3280-10400	6/11	46	34	1.80	1.75	900	42,47	5	3
SN 2001ep	2001-11-15.428	52228.428	28.46	3	3280-10400	6/11	195	17	1.39	2.75	900	1,47	5	0
SN 2001ep	2002-01-14.000	52288.000	87.26	3	3268-10570	4.99/10.12	25	26	1.48	3.68	2700	42,47	5	-6
SN 2001ep	2002-02-11.000	52316.000	114.91	3	3300-10400	6/11	219	37	1.75	2.2	2700	1,47	9	0
SN 2001er	2001-10-20.523	52202.523	...	3	3300-10400	5.51/10.04	100	279	1.27	1.5	1200	1,47	9	0
SN 2001es	2001-10-20.272	52202.272	...	3	3300-10400	5.27/10.44	161	317	1.12	4.33	1200	1,47	9	0
SN 2001es	2001-10-23.313	52205.313	...	6	3930-10199	0.5/0.5	250	278	1.30	0.90	300	1,47	5	0
SN 2001ew	2001-10-20.301	52202.301	...	3	3300-10400	5.20/10.08	84	268	1.09	1.5	1200	1,47	9	0
SN 2001fg	2001-11-18.251	52231.251	...	6	3930-10199	0.5/0.5	232	56	1.29	0.90	400	1,47	5	0
SN 2001ex	2001-10-20.429	52202.429	-1.82	3	3300-10400	4.95/10.00	271	253	1.18	1.5	1200	1,47	9	3
SN 2001fe	2001-11-15.444	52228.444	-0.99	3	3280-10400	6/11	119	298	1.39	2.75	600	1,47	5	0
SN 2001fh	2001-11-16.254	52229.254	5.93	3	3300-10400	6/11	253	73	1.55	1.75	1200	1,47	5	6
SN 2001fh	2001-11-18.196	52231.196	7.84	6	3930-10199	0.5/0.5	65	156	1.12	0.90	300	1,47	5	2
SN 2001fu	2001-11-16.510	52229.510	...	3	3300-10400	6/11	165	347	1.81	1.75	900	1,47	5	0
SN 2001gc	2002-01-14.000	52288.000	43.27	3	3300-10400	5.12/10.40	108	107	1.14	4.81	1500	42,47	5	0
SN 2001ic	2001-12-11.298	52254.298	10.24	5	3668-10400	6/11	54	53	4.42	4	700	1,47	9	0
SN 2001ic	2001-12-23.205	52266.205	21.64	5	3548-10300	4.5/7	58	59	1.10	1	200	1,47	5	0
SN 2001ib	2001-12-11.277	52254.277	...	3	3300-10400	6/11	62	61	2.41	4	790	1,47	9	0
SN 2001ib	2002-01-14.000	52288.000	...	3	3268-10570	5.01/10.57	72	73	1.35	2.13	1500	42,47	5	0
SN 2001iq	2001-12-23.200	52266.200	...	5	3384-10300	4.5/7	120	120	1.23	1	200	1,47	5	0
SN 2001iq	2002-01-14.000	52288.000	...	3	3268-10570	4.97/10.18	66	65	2.01	2.28	1600	42,47	5	0
SN 2002G	2002-02-11.563	52316.563	19.31	3	3300-10400	5.19/10.08	140	74	1.10	3.36	1800	1,47	9	0
SN 2002ar	2002-02-11.420	52316.420	...	3	3300-10400	5.21/10.68	98	357	1.04	2.2	1200	1,47	9	0
SN 2002av	2002-02-11.220	52316.220	...	3	3300-10400	5.40/10.62	187	9	2.12	2.41	1500	1,47	9	0
SN 2002av	2002-02-14.335	52319.335	...	5	3400-6400	9	22	23	1.48	2.5	400	1,15	4	0
SN 2002av	2002-02-14.335	52319.335	...	5	7000-10100	7	22	23	1.48	2.5	400	1,15	4	0
SN 2002bk	2002-03-07.382	52340.382	...	5	3900-8800	7	22	23	1.18	1.75	600	1,27,36	4	0
SN 2002aw	2002-02-21.558	52326.558	2.10	3	3300-10400	5.09/10.48	136	261	1.03	1.86	900	42,47	9	6
SN 2002aw	2002-03-07.655	52340.655	15.84	5	3900-8800	7	260	351	1.07	1.75	200	1,27,36	4	6
SN 2002bf	2002-03-07.402	52340.402	2.97	5	3900-8800	7	98	179	1.24	1.75	300	1,27,36	4	0
SN 2002bf <sup>tn</sup>	2002-03-11.428	52344.428	6.90	3	3300-10400	5.16/10.23	98	98	1.27	2.93	1161	42,47	9	-6
SN 2002bg	2002-03-07.589	52340.589	...	5	3900-8800	7	90	339	1.01	1.75	300	1,27,36	4	0
SN 2002bi	2002-03-07.580	52340.580	...	5	3900-8800	7	90	54	1.06	1.75	300	1,27,36	4	0
SN 2002bp	2002-04-08.416	52372.416	...	3	3398-10360	5.07/9.93	58	58	1.66	1.95	1800	42,47	9	0
SN 2002bo	2002-03-11.260	52344.260	-11.94	3	3300-10400	5.35/10.46	141	333	1.05	4.83	1800	42,47	9	6
SN 2002bo	2002-03-22.167	52355.167	-1.08	3	3300-10400	6/11	126	305	1.20	3	900	42,47	9	6
SN 2002bo	2002-04-08.311	52372.311	15.99	3	3300-10400	5.16/10.43	55	55	1.21	2.58	1800	42,47	9	6

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2002bo	2002-04-20.308	52384.308	27.94	3	3300-10400	4.76/11.14	238	58	1.33	2.57	900	42,47	9	0
SN 2002bo	2002-05-07.269	52401.269	44.83	3	3300-10400	6/11	58	58	1.40	4.75	1500	42,47	9	6
SN 2002bo	2002-05-19.191	52413.191	56.70	3	3300-10400	6/11	123	54	1.19	1.75	1800	42,47	9	3
SN 2002bo	2002-06-08.209	52433.209	76.63	3	3188-10400	6/11	123	59	1.64	3.75	1500	1,47,52	9	-3
SN 2002bo	2002-11-06.657	52584.657	227.44	6	3950-10199	0.5/0.5	2	271	1.12	0.75	240	1,47,53	5	0
SN 2002bs	2002-04-08.341	52372.341	...	3	3300-10400	4.97/9.94	179	359	1.62	3.64	600	42,47	9	0
SN 2002bz	2002-04-08.484	52372.484	4.92	3	3300-10400	4.96/10.61	61	62	1.19	4.97	1800	42,47	9	0
SN 2002cc	2002-04-20.238	52384.238	...	3	3300-10400	6/10.97	167	99	1.26	1.33	2400	42,47	9	0
SN 2002cd	2002-04-20.510	52384.510	1.10	3	3300-10400	6/10.83	242	241	1.16	2.93	900	42,47	9	6
SN 2002cd	2002-05-07.474	52401.474	17.89	3	3300-10400	6/11	236	234	1.13	4.75	1500	42,47	9	6
SN 2002cd	2002-06-17.399	52442.399	58.40	3	3232-10400	6/11	38	213	1.09	1.75	900	1,47,52	9	0
SN 2002cf	2002-04-20.335	52384.335	-0.75	3	3300-10400	6/11	193	12	1.44	1.75	1200	42,47	9	5
SN 2002cf	2002-05-07.295	52401.295	15.95	3	3300-10400	6/11	200	21	1.49	4.75	1800	42,47	9	6
SN 2002ci	2002-04-20.456	52384.456	...	3	3300-10400	5.22/10.85	222	50	1.02	1.75	1200	42,47	9	0
SN 2002ck	2002-05-07.453	52401.453	3.64	3	3300-10400	6/11	214	35	1.51	4.75	1200	42,47	9	0
SN 2002cr	2002-05-07.354	52401.354	-6.78	3	3300-10400	6/11	202	23	1.47	4.75	900	42,47	9	6
SN 2002cr	2002-06-08.331	52433.331	24.89	3	3170-10400	6/11	222	40	1.94	3.75	600	1,47,52	9	5
SN 2002cr	2002-06-17.209	52442.209	33.69	3	3124-10400	6/11	190	10	1.38	1.75	600	1,47,52,54	9	0
SN 2002cr	2002-07-11.211	52466.211	57.47	3	3200-10400	7.13/11.16	33	33	1.65	2.81	900	1,47,52,54	9	5
SN 2002cr	2002-08-09.000	52495.000	85.98	3	3200-10400	6/11	45	46	2.49	1.5	1800	1,51,52,55	9	0
SN 2002cs	2002-05-07.372	52401.372	-7.76	3	3300-10400	6/11	271	270	1.18	4.75	1500	42,47	9	0
SN 2002cs	2002-06-08.389	52433.389	23.76	3	3192-10400	6/11	92	207	1.01	3.75	600	1,47,52	9	5
SN 2002cs	2002-06-17.371	52442.371	32.61	3	3186-10400	6/11	91	196	1.01	1.75	600	1,47,52	9	6
SN 2002cs	2002-07-11.325	52466.325	56.19	3	3300-10400	7.10/10.45	114	156	1.01	1.89	900	1,47,52,54	9	5
SN 2002cs <sup>m</sup>	2002-08-10.251	52496.251	85.65	3	3200-10400	6.55/10.19	92	144	1.02	4.27	900	1,51,52,55	9	6
SN 2002cs	2002-09-13.171	52530.171	119.04	3	3188-10400	6.80/10.66	138	124	1.03	3.42	1800	52,53,55	9	0
SN 2002cs	2002-10-08.000	52555.000	143.49	5	3061-9420	7.35/7.80	152	152	1.13	0.96	400	1,47	5	0
SN 2002cs	2002-11-06.210	52584.210	172.24	6	3950-10199	0.5/0.5	201	111	1.36	0.75	900	1,47,53	5	0
SN 2002cu	2002-05-17.000	52411.000	-5.28	7	4899-8248	6	92	52	...	...	...	56,57	9	0
SN 2002cu	2002-06-08.406	52433.406	16.62	3	3100-10400	6/11	92	52	1.02	3.75	1200	1,47,52	9	0
SN 2002cx	2002-06-10.000	52435.000	19.78	6	4001-10299	0.5/0.5	...	...	1.03	...	1200	58,9	5	5
SN 2002cx	2002-06-15.264	52440.264	24.92	5	3163-9340	6.5/7	20	26	1.03	...	900	59,60	5	-6
SN 2002cx	2002-06-16.288	52441.288	25.92	5	3040-5800	6.5	48	49	1.06	...	900	24	5	0
SN 2002cx	2002-06-17.299	52442.299	26.90	5	5470-9230	7	51	55	1.08	...	600	24	5	0
SN 2002cx	2002-07-16.280	52471.280	55.21	5	4300-9260	7	70	68	1.33	...	1200	61,62	5	0
SN 2002cx	2003-01-07.649	52646.649	226.47	5	3301-9430	4.5/7	153	309	1.05	1.2	1800	1,47	5	0
SN 2002cx	2003-02-28.614	52698.614	277.22	5	3161-9420	6.5/7	240	60	1.13	0.80	2200	1,47	5	0
SN 2002cx	2003-02-28.641	52698.641	277.25	5	6260-7540	3	240	60	1.24	0.80	2200	1,47	5	0
SN 2002cv	2002-05-19.191	52413.191	-1.40	3	3300-10400	6/11	123	54	1.19	1.75	1800	42,47	9	0
SN 2002cv	2002-06-08.209	52433.209	18.53	3	3332-10400	6/11	123	59	1.64	3.75	1500	1,47,52	9	0
SN 2002db	2002-06-08.346	52433.346	9.21	3	3160-10400	6/11	137	94	1.19	3.75	1200	1,47,52	9	0
SN 2002de	2002-06-08.374	52433.374	-0.32	3	3176-10400	6/11	104	78	1.07	3.75	1200	1,47,52	9	6
SN 2002de	2002-06-17.304	52442.304	8.37	3	3322-9868	6/11	104	77	1.01	1.75	1200	1,47,52	9	5
SN 2002df	2002-06-08.435	52433.435	6.55	3	3200-10400	6/11	157	341	1.42	3.75	1200	1,47,52	9	0
SN 2002di	2002-06-17.326	52442.326	...	3	3226-10400	6/11	88	51	1.02	1.75	1200	1,47,52	9	0
SN 2002dj	2002-06-17.198	52442.198	-7.98	3	3134-10400	6/11	15	16	1.95	1.75	600	1,47,52	9	5

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2002dk	2002-06-17.345	52442.345	-1.23	3	3174-10400	6/11	88	348	1.04	1.75	1200	1,47,52	9	0
SN 2002do	2002-07-11.455	52466.455	23.09	3	3400-10400	6.95/11.06	114	109	1.01	1	602	1,47,52,54	9	-6
SN 2002dp	2002-07-11.427	52466.427	15.55	3	3100-10400	7.23/10.53	130	307	1.15	3.29	600	1,47,52,54	9	6
SN 2002dp	2002-08-09.390	52495.390	44.18	3	3110-10400	6.53/10.39	150	325	1.06	2.22	900	1,51,52,55	9	6
SN 2002dp	2002-09-03.384	52520.384	68.88	3	3150-10400	6.75/10.26	195	26	1.05	1.64	1200	1,47,51	9	0
SN 2002dp	2002-10-08.000	52555.000	103.10	5	3071-9420	6.65/7.94	90	267	1.06	1.41	366	1,47	5	0
SN 2002dp	2002-11-09.000	52587.000	134.73	6	3950-10199	0.5/0.5	270	268	1.10	1.1	600	1,47,53,63	9	0
SN 2002dr	2002-08-09.347	52495.347	...	3	3308-10400	6.69/10.00	184	295	1.05	4.45	900	1,51,52,55	5	0
SN 2002dx	2002-08-09.369	52495.369	...	3	3202-10400	6.65/10.19	150	295	1.10	1.5	1200	1,51,52,55	9	0
SN 2002eb	2002-08-09.325	52495.325	1.68	3	3110-10400	6.56/10.10	129	312	1.07	2.20	900	1,51,52,55	9	5
SN 2002eb	2002-09-03.402	52520.402	26.08	3	3150-10400	6.44/10.38	238	57	1.16	1.74	900	1,47,51	9	5
SN 2002eb	2002-10-08.000	52555.000	59.75	5	3095-9420	7.14/7.89	265	268	1.18	0.70	400	1,47	5	0
SN 2002ec	2002-09-03.271	52495.271	...	3	3194-10400	6.66/9.75	58	58	1.93	2.79	1200	1,51,52,55	9	0
SN 2002ec	2002-09-03.187	52520.187	...	3	3372-10400	6.83/10.66	58	58	1.76	2.62	1800	1,47,51	9	0
SN 2002ef	2002-08-09.510	52495.510	4.70	3	3110-10400	7.06/9.94	202	22	1.74	2.10	400	1,47,51	9	6
SN 2002ef	2002-09-03.328	52520.328	28.93	3	3150-10400	6.63/10.18	163	344	1.66	2.34	1500	1,47,51	9	0
SN 2002eh	2002-08-09.405	52495.405	6.88	3	3152-10400	6.55/9.91	113	292	1.37	4.15	900	1,51,52,55	9	0
SN 2002ep	2002-09-03.290	52520.290	...	3	3242-10400	6.92/10.07	175	1	1.42	1.63	2400	1,47,51	9	0
SN 2002el	2002-09-03.263	52520.263	11.82	3	3150-10400	6.62/10.54	185	3	1.78	2.97	1200	1,47,51	9	5
SN 2002el	2002-09-13.205	52530.205	21.49	3	3190-10400	7.51/10.96	172	353	1.80	1.95	1200	52,53,55	9	6
SN 2002el	2002-10-01.162	52548.162	38.94	3	3366-10400	7.06/10.03	182	356	1.79	3.06	1800	1,52	9	-6
SN 2002er	2002-09-03.218	52520.218	-4.58	3	3127-10400	6.91/10.71	46	46	1.52	1.82	1200	1,47,51	9	6
SN 2002er	2002-09-13.142	52530.142	5.26	3	3188-10400	6.72/9.96	202	34	1.26	2.05	800	52,53,55	9	3
SN 2002er	2002-10-01.145	52548.145	23.11	3	3100-10400	7.10/10.38	45	47	1.54	2.54	900	1,52	9	6
SN 2002er	2002-11-08.000	52586.000	60.64	5	3138-9416	6.35/8.67	71	72	2.87	1.2	300	1,47,53,63	5	0
SN 2002et	2002-09-03.242	52520.242	11.92	3	3184-10400	6.93/10.44	185	7	2.21	1.52	1200	1,47,51	9	0
SN 2002gb	2002-10-08.000	52555.000	...	5	3119-9420	6.63/7.66	137	317	1.14	0.99	600	1,47	5	0
SN 2002eu	2002-09-03.442	52520.442	-0.06	3	3150-10400	6.71/10.00	101	319	1.01	2.19	1000	1,47,51	9	0
SN 2002eu	2002-09-13.231	52530.231	9.38	3	3195-10400	6/10.54	117	296	1.86	2.70	1202	52,53,55	9	6
SN 2002eu	2002-10-01.237	52548.237	26.73	3	3300-10400	6.75/9.95	113	293	1.50	1.75	1500	1,52	9	-6
SN 2002eu	2002-10-08.000	52555.000	33.25	5	3071-9420	6.60/8.34	60	238	1.08	0.77	400	1,47	5	0
SN 2002eu	2002-11-08.000	52586.000	63.12	5	3186-9266	6.38/6.33	93	86	1.75	1.90	900	1,47,53,63	5	0
SN 2002ey	2002-09-04.225	52521.225	...	3	3258-10400	7.03/10.44	134	314	1.53	1.66	900	47	9	0
SN 2002fb	2002-09-13.295	52530.295	0.98	3	3195-10400	6.92/10.10	107	287	1.31	2.27	900	52,53,55	9	5
SN 2002fb	2002-10-01.192	52548.192	18.60	3	3314-10400	7.12/10.29	115	293	1.69	1.98	1800	1,52	9	5
SN 2002fb	2002-11-08.000	52586.000	55.83	5	3248-9280	6.37/6.59	87	87	1.92	1.2	400	1,47,53,63	5	0
SN 2002fi	2002-10-08.000	52555.000	...	5	3163-9420	6.62/7.82	3	23	1.38	0.90	600	1,47	5	0
SN 2002fk	2002-10-08.000	52555.000	7.74	5	3013-9420	6.77/7.67	11	358	1.22	1.42	200	1,47	5	2
SN 2002fk	2002-11-09.000	52587.000	39.52	6	3950-10199	0.5/0.5	137	49	1.62	1.1	300	1,47,53,63	5	0
SN 2002fk	2002-11-11.000	52589.000	41.50	5	3136-9414	6.41/6.09	237	58	2.20	3.11	300	1,47	5	0
SN 2002fk	2002-12-12.182	52620.182	72.47	3	3100-10400	7.09/10.94	157	338	1.84	2.56	1200	52,55	9	0
SN 2002fk	2003-02-27.000	52697.000	148.74	5	3110-9416	8.42/6.10	48	51	1.67	1.00	500	1,47	5	0
SN 2002gf	2002-11-11.000	52589.000	...	5	3110-9410	8.12/6.57	44	47	1.14	1.37	720	1,47	5	0
SN 2002gc	2002-10-08.000	52555.000	...	5	3095-9420	7.16/7.60	77	255	1.55	1.06	400	1,47	5	0
SN 2002gc	2002-11-02.206	52580.206	...	3	3100-10400	6.65/10.05	76	259	1.10	2.58	1800	1,51,52	9	0
SN 2002gc	2002-11-08.000	52586.000	...	5	3146-9420	6.35/6.66	92	91	2.03	2.45	400	1,47,53,63	5	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2002gc	2003-01-07.000	52646.000	...	5	3167-9430	6.5/7	87	87	2.29	1.2	600	1,47	5	0
SN 2002gg	2002-11-11.000	52589.000	...	5	3204-9408	4.5/7.26	148	17	1.03	1.2	600	1,47	5	0
SN 2002gx	2002-11-08.000	52586.000	...	5	3160-9288	6.35/6.93	92	91	1.81	1.23	400	1,47,53,63	5	0
SN 2002ha	2002-11-02.140	52580.140	-0.85	3	3100-10400	6.55/10.02	224	24	1.33	1.88	600	1,51,52	9	2
SN 2002ha	2002-11-08.000	52586.000	4.93	5	3086-9416	6.36/6.23	54	55	1.22	2.18	150	1,47,53,63	5	6
SN 2002ha	2002-11-11.000	52589.000	7.89	5	3021-9410	8.13/7.18	43	46	1.14	1.19	200	1,47	5	0
SN 2002ha	2002-12-12.090	52620.090	38.55	3	3108-10400	7.07/10.26	210	42	1.69	2.39	1500	52,55	9	2
SN 2002ha	2003-01-06.000	52645.000	63.11	5	3127-9430	6.5/7	69	69	3.20	1.2	600	1,47	5	0
SN 2002hd	2002-11-02.539	52580.539	6.48	3	3100-10400	6.99/10.60	162	343	1.46	2.07	1800	1,51,52	9	0
SN 2002hd	2002-11-09.000	52587.000	12.72	6	3950-10199	0.5/0.5	75	350	1.13	1.1	200	1,47,53,63	5	0
SN 2002he	2002-11-01.642	52579.642	-5.91	6	3950-10199	0.5/0.5	285	192	1.38	0.90	180	47,53,63	5	0
SN 2002he	2002-11-06.649	52584.649	-1.03	6	3950-10199	0.5/0.5	270	182	1.37	0.75	240	1,47,53	5	0
SN 2002he	2002-11-08.000	52586.000	0.29	5	3070-9424	6.43/6.70	183	182	1.37	0.96	200	1,47,53,63	5	0
SN 2002he	2002-11-11.000	52589.000	3.22	5	3102-9414	7.21/5.62	190	186	1.37	1.27	200	1,47	5	0
SN 2002hl	2002-11-06.556	52584.556	...	3	3150-10400	6.89/9.66	102	282	1.21	1.5	1440	42,52	9	0
SN 2002hv	2002-11-08.000	52586.000	...	5	3124-9424	6.42/7.52	236	235	1.08	0.97	300	1,47,53,63	5	0
SN 2002hu	2002-11-08.000	52586.000	-5.81	5	3086-9420	6.38/6.51	88	88	1.88	1.12	240	1,47,53,63	5	0
SN 2002hu	2002-11-11.000	52589.000	-6.27	5	3094-9408	8.00/7.08	54	55	1.06	1.38	400	1,47	5	0
SN 2002hw	2002-11-11.000	52589.000	24.42	3	3150-10400	7.10/10.21	226	46	1.48	2.62	900	52,55	9	0
SN 2002hw	2002-12-12.230	52620.230	10.11	3	3200-10400	6.99/11.01	246	66	1.27	2.01	600	52,55	9	6
SN 2002ig	2002-12-12.166	52620.166	...	3	3142-10400	6.80/10.60	332	334	1.51	2.66	1800	52,55	9	0
SN 2002jm	2002-12-12.465	52620.465	...	3	3166-10400	6.93/10.16	105	285	1.36	3.48	1200	52,55	9	0
SN 2002jo	2002-12-12.561	52620.561	...	3	3166-10400	6.93/10.16	105	285	1.36	3.48	1200	52,55	9	0
SN 2002jy	2003-01-07.000	52646.000	11.86	5	3089-9430	7.90/6.09	81	81	2.84	1.49	200	1,47	5	0
SN 2002iy	2003-02-04.147	52674.147	39.46	3	3136-10400	6.65/10.40	80	79	1.25	2.46	1500	51,52,64,65	9	0
SN 2002kf	2003-01-06.000	52645.000	6.81	5	3001-9430	8.39/6.13	311	128	1.29	1.29	200	1,47	5	0
SN 2002k	2003-01-07.000	52646.000	9.98	5	3153-9430	7.87/6.04	353	357	1.10	1.2	300	1,47	5	0
SN 2002k	2003-02-27.000	52697.000	59.88	5	3128-9420	8.82/6.18	308	310	1.28	0.70	500	1,47	5	0
SN 2003F	2003-01-28.275	52667.275	...	3	3218-10400	6/11	200	42	1.15	1.75	900	52,65,66	9	0
SN 2003F	2003-02-04.202	52674.202	...	3	3202-10400	6.45/10.11	199	23	1.08	3.88	1800	51,52,64,65	9	0
SN 2003K	2003-01-28.561	52667.561	13.43	3	3118-10400	6.60/9.07	216	213	1.20	2.71	1500	52,65,66	9	0
SN 2003K	2003-02-04.457	52674.457	20.18	3	3136-10400	6.72/10.38	72	252	1.36	3.10	900	51,52,64,65	9	0
SN 2003M	2003-01-28.501	52667.501	...	3	3218-10400	6.75/9.50	194	14	1.04	2.29	1200	52,65,66	9	0
SN 2003M	2003-02-28.000	52698.000	...	5	3102-9422	7.26/6.57	267	274	1.25	0.92	400	1,47	5	0
SN 2003V	2003-02-27.000	52697.000	...	5	3120-9422	7.36/6.89	346	62	1.46	0.91	300	1,47	5	0
SN 2003ae	2003-02-28.000	52698.000	31.69	5	3068-9422	7.28/6.25	205	197	1.01	1.37	200	1,47	5	0
SN 2003P	2003-01-28.341	52667.341	...	3	3202-10400	6.89/10.07	160	152	1.06	2.83	1800	52,65,66	9	0
SN 2003S	2003-02-04.428	52674.428	...	3	3168-10400	6.49/10.30	69	247	1.15	4.47	1800	51,52,64,65	9	0
SN 2003U	2003-02-04.552	52674.552	-2.55	3	3102-10400	6.54/10.08	71	250	1.26	2.49	1800	51,52,64,65	9	0
SN 2003W	2003-02-04.339	52674.339	-5.06	3	3102-10400	6.60/10.22	158	339	1.09	4.19	900	51,52,64,65	9	0
SN 2003W	2003-02-28.000	52698.000	18.14	5	3094-9422	7.19/6.04	337	286	1.04	0.83	200	1,47	5	0
SN 2003W	2003-04-08.199	52737.199	56.56	3	3176-10400	6.66/9.88	186	8	1.08	1	2100	52,55,67	9	0
SN 2003X	2003-02-04.510	52674.510	...	3	3302-10400	6.59/10.39	119	299	2.07	1.25	1200	51,52,64,65	9	0
SN 2003Y	2003-02-04.233	52674.233	-1.74	3	3144-10400	6.60/10.26	65	244	1.16	2.30	1200	51,52,64,65	9	0
SN 2003Y	2003-02-28.000	52698.000	21.63	5	3076-9422	7.15/6.29	176	179	1.26	1.02	300	1,47	5	0
SN 2003af	2003-02-28.000	52698.000	...	5	3042-9422	7.36/6.30	267	266	1.10	0.93	240	1,47	5	0
SN 2003av	2003-02-27.000	52697.000	...	5	3120-9420	9.01/6.30	315	321	1.08	0.64	400	1,47	5	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup> Corr. <sup>l</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2003ai	2003-02-28.000	52698.000	7.25	5	3060-9422	8.92/8.00	103	101	1.43	1.26	250	1,47	5	0
SN 2003ah	2003-02-27.000	52697.000	...	5	3086-9420	8.97/6.06	54	55	1.22	0.87	300	1,47	5	0
SN 2003an	2003-02-27.000	52697.000	...	5	3086-9420	7.99/7	96	95	1.24	1.63	200	1,47	5	0
SN 2003ax	2003-02-27.000	52697.000	...	5	3052-9420	8.99/6.22	314	317	1.05	0.85	300	1,47	5	0
SN 2003au	2003-02-27.000	52697.000	...	5	3136-9420	7.64/7	198	193	1.34	0.70	300	1,47	5	0
SN 2003bf	2003-02-27.000	52697.000	...	5	3042-9420	9.10/6.27	297	301	1.04	0.84	300	1,47	5	0
SN 2003ay	2003-02-28.000	52698.000	...	5	3094-9422	7.35/6.29	96	95	1.21	1.08	400	1,47	5	0
SN 2003bh	2003-02-27.000	52697.000	...	5	3146-9422	9.03/6.32	262	259	1.14	0.76	400	1,47	5	0
SN 2003bi	2003-02-28.000	52698.000	...	5	3120-9422	7.41/6.21	288	288	1.15	1.12	300	1,47	5	0
SN 2003cq	2003-04-08.446	52737.446	-0.15	3	3134-10400	7.15/10.82	96	95	1.37	1	1500	52,55,67	9	0
SN 2003du	2003-05-24.423	52783.423	17.61	5	3220-5500	4.5	150	156	1.34	1.5	1500	1,27,47	4	0
SN 2003du	2003-05-24.423	52783.423	17.61	5	5700-9420	7	150	156	1.34	1.5	1500	1,27,47	4	0
SN 2003du	2003-05-30.397	52789.397	23.55	3	3184-10400	7.04/10.66	101	101	1.29	3.12	602	52,68,69	9	5
SN 2003du	2003-06-07.396	52797.396	31.50	3	3300-10500	5.01/11.16	96	96	1.34	2.07	700	52,70	10	5
SN 2003du	2003-07-06.343	52826.343	60.26	3	3300-10500	6/11.41	88	87	1.46	2.88	600	52,66,68	10	6
SN 2003du	2003-07-27.194	52847.194	80.98	3	3300-10400	6.73/10.01	120	117	1.18	1.87	900	1,52,68	9	0
SN 2003dw	2003-05-30.427	52789.427	...	3	3282-10400	6.94/11	127	126	1.15	1.75	900	52,68,69	9	0
SN 2003ek	2003-05-24.623	52783.623	...	5	4000-5500	...	100	102	1.49	1.5	300	1,27,47	4	0
SN 2003ek	2003-05-24.623	52783.623	...	5	5700-9420	7	100	102	1.49	1.5	300	1,27,47	4	0
SN 2003ek	2003-05-30.446	52789.446	...	3	3168-10400	6.73/11.03	91	90	1.09	4.77	1800	52,68,69	9	0
SN 2003ek	2003-06-08.421	52798.421	...	3	3640-10140	5.17/10.62	97	96	1.05	2.38	1800	52,70	10	0
SN 2003fa	2003-06-07.426	52797.426	-8.15	3	3300-10500	5.10/10.91	96	99	1.03	2.77	1800	52,70	10	0
SN 2003fa	2003-07-07.379	52827.379	20.67	3	3300-10500	6/10.61	89	88	1.10	2.79	1000	52,66,68	10	0
SN 2003fa	2003-07-27.245	52847.245	39.78	3	3300-10400	6.73/9.96	128	119	1.01	1.70	1200	1,52,68	9	0
SN 2003fd	2003-06-29.290	52819.290	...	5	3250-9200	4.5/7	135	134	1.14	1.5	240	1,47	4	0
SN 2003gj	2003-07-07.402	52827.402	...	3	5224-10156	10.55	169	350	2.25	1.38	1200	52,66,68	10	0
SN 2003gn	2003-07-27.331	52847.331	-5.38	3	3300-10400	6.63/10.26	126	307	1.19	2.35	1500	1,52,68	9	0
SN 2003gn <sup>m</sup>	2003-08-05.271	52856.271	3.26	3	3594-10154	5.52/11.22	124	302	1.47	3.98	1200	1,52,68	10	0
SN 2003gq	2003-07-27.294	52847.294	-0.69	3	3300-10400	7.10/10.11	112	292	1.36	3.36	1200	1,52,68	9	0
SN 2003gq	2003-09-28.302	52910.302	60.99	5	3121-9250	6.5/7	69	242	1.10	0.70	1200	1,47	5	0
SN 2003gs <sup>m</sup>	2003-08-28.410	52879.410	30.46	3	3300-10000	5.06/10.11	137	323	1.59	2.33	900	1,52,71	10	5
SN 2003gs	2004-02-14.264	53049.264	199.51	6	3930-10199	0.5/0.5	152	61	1.45	0.90	2000	1,47,52	5	0
SN 2003gt <sup>m</sup>	2003-08-05.248	52856.248	-5.07	3	3300-10500	5.44/11.17	140	321	1.27	3.95	900	1,52,68	10	5
SN 2003gt <sup>m</sup>	2003-08-28.286	52879.286	17.61	3	3300-10000	4.99/10.29	154	12	1.13	2.26	900	1,52,71	10	2
SN 2003he <sup>m</sup>	2003-08-28.374	52879.374	2.71	3	3300-10000	5.09/9.21	158	344	1.33	3.22	1500	1,52,71	10	5
SN 2003he <sup>m</sup>	2003-09-03.358	52885.358	8.54	3	3300-10400	7.81/9.35	158	347	1.32	2.96	1800	47,52,71	9	5
SN 2003hj <sup>m</sup>	2003-08-28.188	52879.188	...	3	3576-9812	5.04/9.93	174	66	1.31	3.38	1500	1,52,71	10	0
SN 2003hm <sup>m</sup>	2003-08-28.450	52879.450	...	3	3394-9980	5.21/10.28	147	326	1.36	1.27	1200	1,52,71	10	0
SN 2003hs	2003-09-03.316	52885.316	-5.49	3	3278-10400	7.40/10.00	36	79	1.47	4.42	1800	47,52,71	9	0
SN 2003hw	2003-09-28.546	52910.546	...	5	3134-9250	6.5/7	234	171	1.04	0.70	300	1,47	5	0
SN 2003hv	2003-09-28.573	52910.573	21.85	5	3082-9250	6.5/7	191	15	1.47	0.70	240	1,47	5	5
SN 2003hv	2003-10-02.472	52914.472	25.73	3	3300-10400	6.84/10.64	190	11	2.32	2.71	300	1,52	11	6
SN 2003hv	2003-11-23.319	52966.319	77.29	3	3300-10400	4.64/9.71	192	11	2.32	2.75	1800	1,51,52	9	6
SN 2003hx	2003-10-02.547	52914.547	21.89	3	3300-10400	6/10.61	179	360	1.70	3.72	600	1,52	11	0
SN 2003ij	2003-10-02.457	52914.457	...	3	3300-10400	6.10/10.68	233	216	1.53	2.67	800	1,52	11	0
SN 2003ik	2003-10-02.536	52914.536	...	3	3300-10400	6.00/10.66	268	241	1.22	3.15	600	1,52	11	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup> Corr. <sup>l</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2003in	2003-10-02.512	52914.512	...	3	3300-10400	7.39/10.61	205	27	1.25	1.10	1500	1,52	11	0
SN 2003im	2003-10-02.489	52914.489	...	3	3300-10400	7.23/10.60	224	44	2.71	3.10	1200	1,52	11	0
SN 2003iv	2003-10-23.469	52935.469	1.76	3	3312-10268	5.03/9.96	222	43	1.25	2.38	2400	1,47,53	10	0
SN 2003iv	2003-10-28.455	52940.455	6.58	3	3260-10400	4.69/9.68	48	48	1.37	2.47	1800	1,51,52	9	0
SN 2003iz	2003-10-23.357	52935.357	...	3	3586-10500	5.08/10.15	159	50	1.05	1.10	2700	1,47,53	10	0
SN 2003kc	2003-11-23.508	52966.508	...	3	3300-10400	4.97/10.05	147	298	1.05	2.75	1800	1,51,52	9	0
SN 2003kd	2003-11-29.510	52972.510	...	5	3066-9410	6.5/7	103	103	1.51	1	300	1	9	0
SN 2003kd	2004-01-17.230	53021.230	...	3	3320-10400	4.76/10.28	94	92	1.13	2.66	1800	52,71	9	0
SN 2003kh	2003-11-29.198	52972.198	...	5	3088-9420	6.5/7	115	120	1.58	1	300	1	9	0
SN 2003kg	2003-11-29.226	52972.226	...	5	3066-9420	6.5/7	75	75	1.08	1	200	1	9	0
SN 2003kf	2003-11-29.548	52972.548	-7.50	5	3000-9410	6.5/7	30	30	1.26	1	120	1	9	0
SN 2003kf	2004-01-17.343	53021.343	40.94	3	3320-10400	4.84/10.04	26	28	1.85	3.07	1500	52,71	9	0
SN 2003ls	2004-01-17.208	53021.208	...	3	3586-10400	4.86/10.00	25	26	1.71	2.97	1200	52,71	9	0
SN 2003lb	2004-01-17.315	53021.315	...	3	3320-10400	5.06/10.12	57	58	1.55	2.81	1500	52,71	9	0
SN 2003lc	2004-01-17.149	53021.149	...	3	3418-10400	5.10/10.11	67	67	1.11	2.42	1800	52,71	9	0
SN 2003lq	2004-01-17.124	53021.124	...	3	3320-10400	5.48/9.68	39	40	1.73	2.83	1500	52,71	9	0
SN 2004E	2004-01-17.517	53021.517	5.26	3	3320-10400	5.76/9.90	118	299	1.03	2.04	1500	52,71	9	0
SN 2004W	2004-02-13.587	53048.587	...	5	3134-9258	6.5/7	35	41	1.02	0.90	400	1,47,52	5	0
SN 2004S	2004-02-13.341	53048.341	8.26	5	3041-9250	6.5/7	180	17	1.64	0.90	900	1,47,52	5	0
SN 2004S	2004-12-15.491	53354.491	311.57	8	4709-7223	1.5	0	0	1.59	1	1800	1,52	9	0
SN 2004Y	2004-02-14.665	53049.665	...	6	3930-10199	0.5/0.5	172	82	1.49	0.90	360	1,47,52	5	0
SN 2004as	2004-03-16.608	53080.608	-4.36	5	3304-9230	5.49/7	79	79	2.06	1.36	300	1	11	5
SN 2004bd	2004-04-10.156	53105.156	10.76	3	3300-10400	6.9/6.4	109	291	1.21	2.45	800	1,68,71	11	4
SN 2004bd	2004-04-24.279	53119.279	24.76	3	3476-10600	4.99/9.54	166	64	1.03	3.18	900	66,68,71	11	5
SN 2004bd	2004-05-12.359	53137.359	42.68	3	3510-10522	5.32/10.33	66	65	1.60	4.84	1200	52,64,66	11	6
SN 2004bg	2004-04-24.256	53119.256	10.34	3	3350-10592	4.75/9.87	63	32	1.06	2.30	900	66,68,71	11	0
SN 2004bg	2004-05-12.298	53137.298	28.01	3	3544-10590	6.37/10.13	57	58	1.36	3.47	1200	52,64,66	11	0
SN 2004bj	2004-04-24.309	53119.309	...	3	3476-10600	4.86/9.93	67	5	1.16	4.25	2700	66,68,71	11	0
SN 2004bk	2004-04-24.371	53119.371	6.13	3	3400-10280	4.94/9.87	205	26	1.27	2.79	1500	66,68,71	11	6
SN 2004bk	2004-05-27.309	53152.309	38.32	3	3986-6750	7.50	35	36	1.38	3.80	1500	52,64,66	11	0
SN 2004bl	2004-05-12.189	53137.189	4.61	3	3368-10580	5.43/10.84	170	351	1.33	3.47	1200	52,64,66	11	0
SN 2004bl	2004-05-27.218	53152.218	19.38	3	3986-6750	7.37	198	21	1.39	3.80	1500	52,64,66	11	0
SN 2004bp	2004-05-12.329	53137.329	...	3	3436-10580	6.46/10.44	92	70	1.46	3.47	2400	52,64,66	11	0
SN 2004bq	2004-05-12.474	53137.474	...	3	3894-10532	5.85/11	161	333	2.37	1.24	1500	52,64,66	11	0
SN 2004cb	2004-06-13.197	53169.197	...	3	3320-10400	5.47/10.29	183	5	2.58	2.56	600	52,64,72	11	0
SN 2004br	2004-05-27.285	53152.285	3.50	3	3986-6750	7.04	39	39	1.58	4.15	900	52,64,66	11	0
SN 2004br	2004-06-13.219	53169.219	20.05	3	3320-10400	6.34/9.57	212	35	1.46	2.11	900	52,64,72	11	6
SN 2004br	2004-06-20.226	53176.226	26.90	3	3300-10400	6.16/10.31	41	42	1.68	2.72	900	52,64,66	11	6
SN 2004bv	2004-05-27.467	53152.467	-7.06	3	3988-6800	6.99	165	347	2.24	3.80	1500	52,64,66	11	0
SN 2004bv	2004-06-13.471	53169.471	9.77	3	3320-10400	4.94/9.54	182	3	2.14	3.54	600	52,64,72	11	5
SN 2004bv	2004-07-11.391	53197.391	37.39	3	3300-10400	6.74/9.69	184	4	2.15	2.07	1200	1,52,71	9	-6
SN 2004bv	2004-07-18.326	53204.326	44.26	3	3300-10400	5.06/9.96	169	349	2.21	2.98	1200	52,73	9	6
SN 2004bv	2004-08-08.305	53225.305	65.02	3	3310-10400	5.00/9.29	180	2	2.14	1.5	1500	52,66,71	9	5
SN 2004bv	2004-10-18.222	53296.222	135.19	5	3070-9400	6.5/7	6	8	1.41	1	400	1,52	9	0
SN 2004bv	2004-11-14.000	53323.000	161.68	5	3100-9400	6.25/7.71	29	34	1.61	0.66	300	1,52	9	0
SN 2004bw	2004-05-27.362	53152.362	-10.03	3	3986-6750	7.33	209	30	1.51	3.65	1800	52,64,66	11	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2004bw	2004-06-13.333	53169.333	6.59	3	3320-10400	4.90/9.59	33	35	1.61	2.41	1500	52,64,72	11	6
SN 2004ca	2004-06-13.423	53169.423	...	3	3320-10400	6.22/10.00	70	267	1.11	2.46	1500	52,64,72	11	0
SN 2004bz	2004-06-13.453	53169.453	...	3	3320-10400	4.93/9.05	134	315	1.22	1.75	1500	52,64,72	11	0
SN 2004cv	2004-07-11.317	53197.317	...	3	3300-10400	5.08/11.00	235	54	1.35	1	1500	1,52,71	9	0
SN 2004db	2004-08-08.439	53225.439	...	3	5300-10400	11	193	13	2.06	1.49	1200	52,66,71	9	0
SN 2004da	2004-07-11.438	53197.438	...	3	3300-10400	6.68/9.83	209	30	1.25	1.78	900	1,52,71	9	0
SN 2004da	2004-07-18.435	53204.435	...	3	3300-10400	5.22/10.44	214	35	1.30	2.21	900	52,73	9	0
SN 2004da	2004-08-08.365	53225.365	...	3	3310-10400	4.99/9.18	211	32	1.27	2.32	1500	52,66,71	9	0
SN 2004di	2004-08-08.279	53225.279	...	3	3310-10400	6.02/9.34	82	81	1.40	1.31	1500	52,66,71	9	0
SN 2004di	2004-08-16.301	53233.301	...	3	3320-10400	4.93/9.78	240	76	1.62	4.18	2500	1,52,66	11	0
SN 2004eq	2004-10-18.258	53296.258	...	5	3084-9400	6.5/7	354	355	1.72	1	300	1,52	9	0
SN 2004dt	2004-08-16.413	53233.413	-6.46	3	3320-10400	4.92/9.85	139	320	1.61	3.39	1300	1,52,66	11	6
SN 2004dt	2004-08-24.405	53241.405	1.38	3	4500-9800	11	150	325	1.48	3	900	1,52,66	4	6
SN 2004dt	2004-09-10.358	53258.358	18.00	3	3310-10500	6.07/9.53	145	324	1.51	2.69	900	1,66,71,74	11	5
SN 2004dt	2004-09-24.400	53272.400	31.77	3	3320-10500	4.95/9.84	177	354	1.26	1.88	1800	1,51,66	11	6
SN 2004dt <sup>m</sup>	2004-10-01.472	53279.472	38.71	3	3330-10400	6/11	40	34	1.46	...	1200	75	9	0
SN 2004dt <sup>m</sup>	2004-10-13.410	53291.410	50.42	3	3330-10500	5.05/9.19	16	17	1.29	2.49	2100	1,51,52	10	-6
SN 2004dt	2004-11-14.000	53323.000	81.39	5	3146-9400	6.17/6.43	70	68	2.45	0.97	300	1,52	9	0
SN 2004dt	2005-02-12.391	53351.391	109.24	5	3164-9320	6.5/7	57	59	1.32	1	400	1,52	9	0
SN 2004dt	2005-10-1.260	53412.260	168.93	8	5046-10201	3	64	64	1.59	0.55	540	1,52,76,77	11	0
SN 2004ef	2004-09-10.310	53258.310	-5.52	3	3310-10500	6.08/9.66	172	358	1.05	2.42	2100	1,66,71,74	11	5
SN 2004ef	2004-09-24.302	53272.302	8.05	3	3320-10500	6.20/10.32	38	17	1.06	3.67	3000	1,51,66	11	6
SN 2004e <sup>m</sup>	2004-10-13.373	53291.373	26.55	3	3704-10176	4.97/9.20	56	57	1.46	2.55	2100	1,51,52	10	-6
SN 2004ef	2004-10-18.196	53296.196	31.23	5	3070-9400	6.5/7	276	276	1.24	1	300	1,52	9	5
SN 2004ef	2004-11-14.000	53323.000	57.23	5	3240-9400	6.17/7.39	266	244	1.00	0.90	500	1,52	9	0
SN 2004ef	2004-12-12.217	53351.217	84.60	5	3202-9320	4.5/7	269	86	1.08	1	700	1,52	9	0
SN 2004fa	2004-11-14.000	53323.000	...	5	3180-9400	7.74/7.71	25	27	1.70	0.89	300	1,52	9	0
SN 2004eo	2004-09-24.242	53272.242	-5.57	3	3320-10500	6.22/9.67	30	31	1.19	2.75	1000	1,51,66	11	0
SN 2004eo <sup>m</sup>	2004-10-13.300	53291.300	13.19	3	3410-10500	4.91/10.11	51	52	1.89	2.41	1500	1,51,52	10	0
SN 2004eo	2004-11-14.000	53323.000	44.40	5	3050-9400	6.28/7.21	66	66	1.13	0.77	300	1,52	9	0
SN 2004ev	2004-10-18.216	53296.216	-7.58	5	3156-9400	6.5/7	22	24	1.62	1	300	1,52	9	0
SN 2004ey	2004-10-18.203	53296.203	-7.58	5	3040-9400	6.5/7	312	313	1.15	1	200	1,52	9	0
SN 2004ey	2004-11-14.000	53323.000	18.80	5	3050-9400	6.5/6.54	24	27	1.08	0.87	150	1,52	9	0
SN 2004ey	2004-12-17.103	53356.103	51.39	3	3320-10600	5.00/9.88	216	37	1.51	3.75	1500	51,66	11	5
SN 2004fd	2004-11-14.000	53323.000	...	5	3064-9400	6.27/7.40	90	88	1.69	1.35	300	1,52	9	0
SN 2004fd	2004-12-17.291	53356.291	...	3	3330-10392	5.15/11.45	250	70	1.10	1.77	2100	51,66	11	0
SN 2004fg	2004-11-14.000	53323.000	...	5	3094-9400	6.31/7.10	247	244	1.05	0.77	200	1,52	9	0
SN 2004fu	2004-11-14.000	53323.000	-2.65	5	3050-9400	6.35/7.01	166	157	1.45	0.81	100	1,52	9	0
SN 2004fu	2004-11-19.118	53328.118	2.43	3	3320-10500	6/11	120	130	1.19	2.5	600	1,66,71	12	0
SN 2004fu	2004-12-12.183	53351.183	25.28	5	3150-9320	6.5/7	310	127	1.66	1	200	1,52	9	0
SN 2004fw	2004-11-14.000	53323.000	...	5	3102-9400	6.33/7.29	222	221	1.28	0.79	400	1,52	9	0
SN 2004fy	2004-11-14.000	53323.000	...	5	3164-9400	6.11/6.89	246	246	2.87	0.97	200	1,52	9	0
SN 2004fy	2004-12-12.569	53351.569	...	5	3326-9320	4.5/7	225	225	2.83	1	300	1,52	9	0
SN 2004fz	2004-11-19.331	53328.331	-5.18	3	3320-10500	6/11	69	69	1.09	2.5	900	1,66,71	12	6
SN 2004fz	2004-12-12.463	53351.463	17.56	5	3300-9320	4.5/7	87	86	1.81	1	200	1,52	9	6
SN 2004fz	2004-12-17.262	53356.262	22.28	3	3320-10600	5.05/10.24	249	69	1.10	2.85	1200	51,66	11	5

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2004go	2004-12-17.238	53356.238	26.08	3	3320-10600	5.04/10.67	185	6	1.62	2.22	2100	51,66	11	0
SN 2004gc	2004-12-17.387	53356.387	31.33	3	3362-10258	5.04/10.14	207	35	1.26	3.82	1350	51,66	11	0
SN 2004gl	2004-12-12.543	53351.543	...	5	3264-9320	4.5/7	210	198	1.16	1	500	1,52	9	0
SN 2004gs	2004-12-17.447	53356.447	0.44	3	3354-10324	5.03/10.17	167	351	1.07	2.65	2100	51,66	11	4
SN 2004gu	2004-12-17.539	53356.539	-4.65	3	3420-10550	4.93/10.75	134	319	1.28	3.11	1375	51,66	11	0
SN 2004gw	2005-01-15.368	53385.368	...	5	3328-9250	4.5/5.44	161	160	1.38	1.47	250	29,52	11	0
SN 2004gw	2005-02-12.420	53413.420	...	5	3780-9250	4.5/7	108	106	1.95	2	400	1,52	9	0
SN 2004gz	2005-01-16.522	53386.522	...	3	3308-10500	5.89/11	98	266	1.39	3.70	1802	66,71	11	0
SN 2005A	2005-01-15.357	53385.357	5.55	5	3386-9250	4.5/6.78	64	63	1.70	1.59	200	29,52	11	0
SN 2005F	2005-01-15.373	53385.373	...	5	3354-9250	4.5/5.25	285	285	1.33	1.06	200	29,52	11	0
SN 2005G	2005-01-16.468	53386.468	...	3	3306-10500	6.47/10.56	136	316	1.59	2.32	759	66,71	11	0
SN 2005M	2005-02-01.556	53402.556	-1.41	3	3318-10500	6/10.96	60	59	1.87	3.80	1500	51,52,66	11	0
SN 2005M	2005-02-11.413	53412.413	8.23	8	5046-10201	3	255	251	1.01	1.11	200	1,52,76,77	11	0
SN 2005M	2005-02-12.430	53413.430	9.23	5	3780-9250	4.5/7	227	211	1.00	2	200	1,52	9	0
SN 2005M	2005-02-12.430	53413.430	9.23	5	3780-9250	4.5/7	227	211	1.00	2	200	1,52	9	0
SN 2005M	2005-03-07.179	53436.179	31.49	3	3304-10500	5.78/10.93	121	303	1.21	1.58	1500	51,64,66	11	0
SN 2005M	2005-03-11.279	53440.279	35.50	5	3400-9260	4.5/7	269	269	1.14	1	200	1,52,78	9	0
SN 2005as	2005-03-11.311	53440.311	...	5	3400-9260	4.5/7	316	317	1.70	1	100	1,52,78	9	0
SN 2005P	2005-03-11.653	53440.653	...	5	3400-9260	4.5/7	54	55	1.40	1	450	1,52,78	9	0
SN 2005X	2005-05-11.536	53501.536	...	5	3126-9350	6.5/7	63	64	1.98	1	1200	1,52,79	9	0
SN 2005X	2005-02-11.433	53412.433	...	8	5046-10201	3	313	290	1.41	2.85	250	1,52,76,77	11	0
SN 2005W	2005-02-11.200	53412.200	0.59	8	5046-10201	3	88	88	1.13	1.22	120	1,52,76,77	11	0
SN 2005W	2005-03-07.155	53436.155	24.34	3	3304-10500	5.20/10.46	58	58	2.18	3.11	600	51,64,66	11	0
SN 2005W	2005-03-11.215	53440.215	28.36	5	3400-9260	4.5/7	80	79	1.91	1	100	1,52,78	9	0
SN 2005ag	2005-02-12.596	53413.596	0.52	5	3780-9250	4.5/7	298	299	1.09	2	500	1,52	9	0
SN 2005am	2005-03-11.302	53440.302	4.47	5	3400-9260	4.5/7	333	335	1.30	1	40	1,52,78	9	6
SN 2005am	2005-03-13.223	53442.223	6.37	3	4600-9800	11	155	14	1.71	1.75	600	66,71,80	4	3
SN 2005am	2005-04-11.154	53471.154	35.08	3	3310-10400	6/11	176	358	1.69	2.2	1500	51,64,66	9	5
SN 2005am	2005-04-17.161	53477.161	41.04	3	3310-10400	6/11	184	5	1.69	1.5	1200	64,66,71	9	6
SN 2005ao	2005-03-11.661	53440.661	-1.29	5	3400-9260	4.5/7	200	199	1.37	1	200	1,52,78	9	0
SN 2005ao	2005-03-13.539	53442.539	0.52	3	3320-10500	6.16/11.83	44	220	1.13	2.41	1500	66,71,80	11	0
SN 2005bc	2005-04-17.365	53471.466	1.55	3	3310-10400	6/11	264	83	1.09	2.2	1500	51,64,66	9	4
SN 2005bc	2005-04-17.365	53477.365	7.37	3	3310-10400	6/11	117	216	1.00	1.5	1500	64,66,71	9	6
SN 2005be	2005-04-17.393	53477.393	10.96	3	3310-10400	6/11	206	29	1.10	2.2	1500	51,64,66	9	0
SN 2005be	2005-04-17.393	53477.393	16.71	3	3310-10400	6/11	117	9	1.07	1.5	1800	64,66,71	9	0
SN 2005bl	2005-04-17.206	53477.206	-5.56	3	3500-10262	6/11	137	319	1.10	1.5	1500	64,66,71	9	0
SN 2005bl	2005-05-11.402	53501.402	18.07	5	3126-9350	6.5/7	85	84	1.22	1	500	1,52,79	9	0
SN 2005bo	2005-05-15.289	53505.289	27.71	3	3350-10400	6.66/10.47	360	23	1.67	2.23	1200	64,71	11	0
SN 2005bu	2005-05-11.239	53501.239	...	5	3134-9350	6.5/7	84	83	1.43	1	300	1,52,79	9	0
SN 2005cf	2005-06-01.385	53522.385	-10.94	3	3310-10550	6.56/9.59	360	35	1.80	2.53	600	51,64,66	11	0
SN 2005cf <sup>an</sup>	2005-06-10.277	53531.277	-2.11	3	3308-10500	5.39/10	186	7	1.42	3.64	300	66,71	11	0
SN 2005cf <sup>an</sup>	2005-06-11.205	53532.205	-1.19	3	3308-10500	6/10.98	158	340	1.49	4.62	600	71	11	0
SN 2005cf	2005-07-01.214	53552.214	18.69	3	3400-10400	5.63/11.31	360	5	1.41	1.65	300	64,66	11	0
SN 2005cf	2005-07-10.221	53561.221	27.64	3	3314-10424	4.94/11.04	192	17	1.47	2.68	500	1,71,80	11	0
SN 2005cf <sup>an</sup>	2006-04-27.603	53852.603	317.15	5	3242-9250	7.07/7.57	54	57	1.53	1.08	1204	1,52	11	0
SN 2005cf	2007-02-16.617	54147.617	610.27	8	4600-9238	1.5	318	328	1.32	1	6300	1,47,52,81	9	0
SN 2005de	2005-08-15.340	53597.340	-0.75	3	3304-10376	7.22/12.01	242	62	1.46	2.14	900	1,71,80	11	5

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2005de	2005-08-26.350	53608.350	10.10	3	Range-10370	6.14/10.02	61	61	1.90	2.53	900	71,82,83	11	6
SN 2005de	2005-09-11.236	53624.236	25.75	3	3350-10400	5.08/10.37	360	62	1.27	1.97	700	64,71,84	11	3
SN 2005de	2005-09-26.205	53639.205	40.49	3	3306-10500	5.98/9.90	62	62	1.32	3.80	1800	64,80,84	11	-6
SN 2005do	2005-08-26.480	53608.480	...	3	3450-10300	7.19/12.09	83	261	1.04	2.00	1800	71,82,83	11	0
SN 2005dh	2005-08-15.313	53597.313	...	3	3304-10374	7.14/11.96	238	58	2.44	4.13	1550	1,71,80	11	0
SN 2005dh	2005-08-26.267	53608.267	...	3	3304-10370	6/10.57	59	59	2.08	3.78	1200	71,82,83	11	0
SN 2005di	2005-08-26.406	53608.406	0.49	3	3308-10370	6.00/10.97	196	20	2.38	2.84	1500	71,82,83	11	0
SN 2005dm	2005-09-02.420	53615.420	5.23	3	3342-10500	6/10.68	151	335	1.53	2.95	1800	71,72	11	6
SN 2005dv	2005-09-11.170	53624.170	-0.57	3	3350-10400	6.44/9.86	360	78	1.70	4.73	500	64,71,84	11	0
SN 2005ec	2005-09-26.523	53639.523	...	3	3306-10500	6.33/10.70	179	358	1.23	3.02	1980	64,80,84	11	0
SN 2005ej	2005-09-26.237	53639.237	...	3	3306-10500	5.99/10.07	93	115	1.28	3.05	1720	64,80,84	11	0
SN 2005ej	2005-10-07.224	53650.224	...	5	3270-9330	4.5/7	160	156	1.49	1.3	300	5,52	9	0
SN 2005ej	2005-10-11.152	53654.152	...	3	3322-10500	5.27/9.68	136	135	1.20	1.94	2100	1,66,72	11	0
SN 2005el	2005-09-26.496	53639.496	-6.70	3	3306-10500	6.20/10.86	157	338	1.22	3.30	1200	64,80,84	11	4
SN 2005el	2005-10-04.534	53647.534	1.22	3	3318-10500	6.48/12.79	186	9	1.19	3.61	900	66,72	11	4
SN 2005el	2005-10-11.512	53654.512	8.09	3	3320-10500	5.27/10.61	185	8	1.19	2.03	1200	1,66,72	11	4
SN 2005gj	2005-12-02.403	53706.403	46.32	8	3897-9070	3	63	328	1.10	0.70	300	1,52	9	0
SN 2005gj	2005-12-04.377	53708.377	48.19	5	3280-9320	4.5/7	20	22	1.08	0.70	300	1,5,52,85,86	9	0
SN 2005gj	2006-01-01.388	53736.388	74.61	8	3900-9061	3	80	60	1.40	0.75	600	52	9	0
SN 2005gj	2006-12-23.420	54092.420	410.49	8	4483-9574	3	60	61	1.38	1.94	1500	1,52	9	0
SN 2005gj	2007-02-14.275	54145.275	460.35	5	3206-9238	6.35/7	240	61	1.39	1	1200	1,47,52,81	5	0
SN 2005er	2005-10-05.229	53648.229	-0.26	8	4901-10074	3	80	287	1.33	1.03	400	1,5,52	9	0
SN 2005er	2005-10-07.214	53650.214	1.67	5	3270-9330	4.5/7	300	287	1.39	1.3	600	5,52	9	0
SN 2005er	2005-10-11.291	53654.291	5.64	3	3320-10500	5.44/9.53	205	32	1.18	1.49	2400	1,66,72	11	0
SN 2005eq	2005-10-04.512	53647.512	-6.01	3	3322-10500	5.13/10.86	25	29	1.62	3.84	1500	66,72	11	0
SN 2005eq	2005-10-07.633	53650.633	-2.98	5	3270-9330	4.5/7	235	57	1.52	1.3	900	5,52	9	5
SN 2005eq	2005-10-11.376	53654.376	0.66	3	3320-10500	5.36/9.96	164	345	1.44	2.35	1500	1,66,72	11	6
SN 2005eq	2005-12-02.343	53706.343	51.16	8	3882-9070	3	340	344	1.14	0.70	900	1,52	9	0
SN 2005ew	2005-10-11.536	53654.536	18.23	3	3320-10500	5.41/9.29	255	75	1.15	1.90	1800	1,66,72	11	0
SN 2005ew	2005-11-02.402	53676.402	40.03	3	3326-10560	5.90/10.25	66	71	1.01	2.16	1800	64,71	11	0
SN 2005eu	2005-10-06.584	53649.584	-10.06	8	4922-10080	3	80	98	1.16	1.03	300	5,52	9	0
SN 2005eu	2005-10-07.622	53650.622	-9.06	5	3270-9330	4.5/7	275	89	1.40	1.3	600	5,52	9	0
SN 2005eu	2005-10-11.350	53654.350	-5.46	3	3320-10500	6.30/10.84	132	315	1.03	2.64	1500	1,66,72	11	6
SN 2005eu	2005-12-02.475	53706.475	44.91	8	3877-9070	3	88	89	1.42	0.70	400	1,52	9	0
SN 2005hc	2005-11-08.465	53682.465	14.26	8	4900-10061	3	53	54	1.22	2.84	600	1,52	9	0
SN 2005hj	2005-11-08.457	53682.457	7.51	8	4900-10061	3	54	57	1.29	2.99	600	1,52	9	0
SN 2005hk	2005-11-02.206	53676.206	-8.29	3	3326-10560	7.71/10.69	150	328	1.31	2.30	9000	64,71	11	0
SN 2005hk	2005-11-05.332	53679.332	-5.20	5	3171-9240	6.5/7	130	11	1.07	0.80	1200	1,52	5	0
SN 2005hk	2005-11-06.292	53680.292	-4.25	8	4900-10061	3	33	332	1.09	0.89	200	1,52	9	0
SN 2005hk	2005-11-07.210	53681.210	-3.35	8	4900-10061	3	300	300	1.42	0.55	300	1,52	9	0
SN 2005hk	2005-11-08.192	53682.192	-2.38	8	4900-10061	3	299	298	1.55	0.97	200	1,52	9	0
SN 2005hk	2005-12-02.756	53706.756	21.87	8	3882-10077	3	44	46	1.16	0.70	300	1,52	9	0
SN 2005hk	2005-12-04.302	53708.302	23.40	5	3280-9320	4.5/7	39	42	1.13	0.70	240	1,5,52,85,86	9	0
SN 2005hk	2006-01-01.221	53736.221	50.96	8	3900-9061	3	80	39	1.13	0.75	600	52	9	0
SN 2005hk	2006-01-24.142	53759.142	73.59	3	5176-10600	11	39	43	1.86	2.94	1800	71,82,83	11	0
SN 2005hk	2006-11-23.234	54062.234	372.79	5	3162-9250	6.27/6.60	318	324	1.14	2.06	1800	1,52	9	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2005hk	2006-12-23.216	54092.216	402.39	8	4936-10061	3	120	17	1.07	1.17	1800	1,52	9	0
SN 2005hk	2007-02-14.243	54145.243	454.74	5	5444-9238	7	248	69	2.58	1	1800	1,47,52,81	5	0
SN 2005iq	2005-11-07.215	53681.215	-5.86	8	4900-10061	3	320	320	1.54	0.60	300	1,52	9	0
SN 2005kc	2005-12-03.188	53707.188	10.28	8	3850-9068	3	18	21	1.04	0.60	300	1,5,52	9	0
SN 2005kc	2005-12-05.181	53709.181	12.25	5	3280-9320	4.5/7	16	21	1.04	0.85	240	5,52,85,86	9	0
SN 2005ke	2005-12-02.334	53706.334	7.80	8	3850-9070	3	33	337	1.50	0.70	300	1,52	9	0
SN 2005ke	2005-12-04.382	53708.382	9.83	5	3280-9320	4.5/7	2	2	1.41	0.70	150	1,5,52,85,86	9	0
SN 2005ke	2005-12-09.363	53713.363	14.79	3	3334-10600	7.39/12.72	206	28	2.88	1.35	1200	71,81	11	0
SN 2005ke	2006-01-05.242	53740.242	41.54	3	3310-10500	6.03/11	194	14	2.29	2.43	1800	64,81	11	0
SN 2005ke	2006-01-23.221	53758.221	59.43	3	3316-10600	6.98/11.91	207	23	2.57	3.32	1500	71,82,83	11	0
SN 2005ke	2006-11-23.377	54062.377	362.11	5	3066-9250	6.25/6.55	347	345	1.46	0.88	1200	1,52	9	0
SN 2005ki	2005-12-02.649	53706.649	1.62	8	3850-9068	3	136	318	1.03	0.70	200	1,52	9	0
SN 2005ki	2005-12-09.514	53713.514	8.35	3	3320-10600	7.08/12.89	146	332	1.19	1.35	1800	71,81	11	0
SN 2005ki	2006-01-06.498	53741.498	35.80	3	3310-10500	6.99/11.87	173	6	1.14	4.83	2100	64,81	11	0
SN 2005ls	2006-01-06.246	53741.246	26.29	3	3310-10500	6.65/11.49	157	94	1.09	4.26	2100	64,81	11	0
SN 2005ls	2006-01-30.220	53765.220	49.77	3	3330-10600	5.97/11	110	91	1.17	2.44	3902	71,82,83	11	0
SN 2005ls	2006-02-06.260	53772.260	56.66	3	3310-10500	5.24/11.48	81	73	1.51	3.51	1800	64,80	11	0
SN 2005lt	2006-01-05.560	53740.560	...	3	3310-10500	6.54/11	152	23	1.06	3.02	1800	64,81	11	0
SN 2005lu	2006-01-05.180	53740.180	27.88	3	3310-10500	6.43/11	191	9	1.75	4.73	2102	64,81	11	0
SN 2005mc	2006-01-05.368	53740.368	6.64	3	3310-10500	6.39/11	150	331	1.05	5.39	1500	64,81	11	0
SN 2005mc	2006-01-24.354	53759.354	25.16	3	3320-10600	7.11/11.99	192	8	1.04	2.85	1800	71,82,83	11	0
SN 2005lz	2006-01-01.381	53736.381	0.58	8	4930-10061	3	80	96	1.45	0.75	300	52	9	0
SN 2005ms	2006-01-06.400	53741.400	-1.88	3	3310-10500	6.60/12.36	145	293	1.00	3.42	1800	64,81	11	0
SN 2005ms	2006-01-23.318	53758.318	14.62	3	3316-10600	6.95/12.17	159	280	1.03	3.21	1800	71,82,83	11	0
SN 2005na	2006-01-05.335	53740.335	0.03	3	3310-10500	6.42/11	103	357	1.09	3.27	1800	64,81	11	0
SN 2005na	2006-01-06.361	53741.361	1.03	3	3310-10500	7.06/12.21	102	17	1.10	4.86	1800	64,81	11	6
SN 2005na	2006-01-23.255	53758.255	17.49	3	3316-10600	7.11/11.97	165	336	1.11	3.32	1500	71,82,83	11	6
SN 2005na	2006-01-30.320	53765.320	24.38	3	3330-10600	7.49/11	268	31	1.13	2.78	1800	71,82,83	11	-3
SN 2005na	2006-02-06.310	53772.310	31.19	3	3608-10600	5.61/11.16	147	35	1.15	3.34	2000	64,80	11	2
SN 2006D	2006-01-24.435	53759.435	3.70	3	3320-10600	5.48/12.10	152	328	1.84	2.81	900	71,82,83	11	0
SN 2006D	2006-02-06.539	53772.539	16.70	3	3512-9966	5.54/11.56	205	17	1.54	3.60	600	64,80	11	0
SN 2006D	2006-02-22.513	53788.513	32.54	3	3325-10300	6.90/12.27	209	23	1.61	1.15	1200	64,79,81	10	0
SN 2006D	2006-03-22.449	53816.449	60.24	3	3320-10500	5.50/12.30	202	26	1.67	2.71	1500	64,80,81	10	0
SN 2006D	2006-05-28.238	53883.238	126.46	3	3310-10400	5.21/12.30	194	17	1.54	2.37	2100	64,80	10	0
SN 2006E	2006-03-22.478	53816.478	...	3	3320-10500	7.36/10.03	204	29	1.27	2.27	1500	64,80,81	10	0
SN 2006E	2006-06-20.301	53906.301	...	3	3306-10600	5.65/11.53	222	44	1.56	3.62	2100	52,81,87	11	0
SN 2006E	2006-07-04.257	53920.257	...	3	3310-5480	5.18	84	45	1.62	1.90	2700	64,79	10	0
SN 2006E	2006-01-24.254	53759.254	7.01	3	3320-10600	6.67/11.98	84	82	1.18	2.85	1800	71,82,83	11	0
SN 2006H	2006-01-23.286	53758.286	-1.89	3	3316-10600	5.98/12.60	170	160	1.14	4.19	1500	71,82,83	11	0
SN 2006N	2006-01-24.285	53759.285	-0.90	3	3320-10600	5.41/12.13	98	159	1.14	2.85	1600	71,82,83	11	0
SN 2006N	2006-02-06.285	53772.285	11.91	3	3306-10500	5.47/10.99	147	139	1.17	3.79	1200	64,80	11	0
SN 2006N	2006-02-22.131	53788.131	27.54	3	3325-10300	6.58/12.07	219	205	1.14	2.45	1200	64,79,81	10	0
SN 2006S	2006-01-30.375	53765.375	-3.93	3	3330-10600	7.70/11	114	288	1.29	2.85	1800	71,82,83	11	0
SN 2006S	2006-02-06.517	53772.517	2.99	3	3306-10500	5.10/11.33	70	71	1.01	2.41	1500	64,80	11	0
SN 2006S	2006-02-22.476	53788.476	18.45	3	3325-10300	6.61/11.25	90	72	1.01	2.80	1800	64,79,81	10	0
SN 2006X	2006-02-22.413	53788.413	3.15	3	3325-10300	6.26/12.09	170	346	1.08	2.54	900	64,79,81	10	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2006X	2006-03-22.422	53816.422	31.01	3	3320-10500	5.45/9.95	172	40	1.16	2.54	1200	64,80,81	10	0
SN 2006X	2006-04-28.324	53853.324	67.72	3	3320-10500	5.49/9.96	90	41	1.17	2.46	1300	64,81	10	0
SN 2006X	2006-05-05.244	53860.244	74.60	3	3350-10400	7.13/12.07	129	7	1.08	2.31	1500	52,72,81	11	0
SN 2006X	2006-05-28.324	53883.324	97.56	3	3350-10500	6.88/12.32	234	55	1.65	1.37	1500	64,80	10	0
SN 2006X	2006-06-26.243	53912.243	126.33	3	3380-10586	5.81/11.67	231	54	1.51	2.20	2400	64,81,87	11	0
SN 2006X	2006-11-23.638	54062.638	275.94	5	3096-9250	6.25/6.40	283	283	1.48	0.59	500	1,52	9	0
SN 2006X	2006-12-23.665	54092.665	305.81	8	4583-7231	1.5	290	294	1.02	0.86	600	1,52	9	0
SN 2006X	2007-02-14.499	54145.499	358.37	5	3200-9238	6.41/7	310	286	1.07	2.88	1800	1,47,52,81	5	0
SN 2006ac	2006-02-22.439	53788.439	7.96	3	3325-10300	6/11.34	126	327	1.00	2.63	1500	64,79,81	10	6
SN 2006ac	2006-03-22.506	53816.506	35.39	3	3320-10500	5.53/10.18	251	72	1.31	3.04	1800	64,80,81	10	5
SN 2006ak	2006-02-22.389	53788.389	8.43	3	3325-10300	6.46/11.50	201	17	1.01	2.30	1800	64,79,81	10	0
SN 2006ay <sup>m</sup>	2006-04-27.623	53852.623	...	5	3156-9250	7.22/7.74	85	84	1.25	1.30	1204	1,52	11	0
SN 2006ax	2006-03-22.396	53816.396	-10.07	3	3320-10500	5.18/10.16	27	28	1.83	3.44	1800	64,80,81	10	0
SN 2006ax	2006-04-28.224	53853.224	26.16	3	3320-10500	5.73/10.68	183	4	1.55	3.04	1800	64,81	10	0
SN 2006ax	2006-05-05.191	53860.191	33.01	3	3350-10400	7.03/12.13	175	359	1.54	2.42	1800	52,72,81	11	0
SN 2006az	2006-04-28.289	53853.289	26.30	3	3320-10500	5.53/10.89	90	144	1.08	2.53	1800	64,81	10	0
SN 2006bq <sup>m</sup>	2006-04-27.636	53852.636	6.97	5	3096-9250	7.64/7.81	163	157	1.07	0.98	204	1,52	11	0
SN 2006bq	2006-05-05.375	53860.375	14.55	3	3350-10400	7.26/12.01	100	280	1.20	2.45	1500	52,72,81	11	0
SN 2006bq	2006-06-05.473	53860.473	14.64	3	3350-10400	6/12.35	41	249	1.01	2.45	1800	52,72,81	11	0
SN 2006bq	2006-06-05.439	53891.439	44.94	3	3310-10600	5.15/12.49	286	106	1.01	3.18	1815	72,81	10	0
SN 2006br	2006-04-28.389	53853.389	3.87	3	3320-5470	5.73	216	44	1.26	2.53	1500	64,81	10	0
SN 2006br	2006-05-05.297	53860.297	10.62	3	3350-10400	6.92/11.50	113	11	1.10	2.45	1500	52,72,81	11	0
SN 2006bt <sup>m</sup>	2006-04-27.629	53852.629	-5.30	5	3100-9250	7.15/7.63	82	82	1.38	1.05	304	1,52	11	0
SN 2006bt	2006-04-28.425	53853.425	-4.53	3	3320-10500	5.57/10.95	190	21	1.06	2.30	1800	64,81	10	0
SN 2006bt	2006-05-05.444	53860.444	2.27	3	3350-10400	6.85/11.47	41	44	1.11	2.09	1800	52,72,81	11	0
SN 2006bt	2006-06-05.366	53891.366	32.23	3	3310-10600	6.89/12.53	223	46	1.13	1.93	2100	72,81	10	0
SN 2006bt	2006-06-26.384	53912.384	52.59	3	3316-10600	6/11.88	274	57	1.39	1.50	2400	64,81,87	11	0
SN 2006bu	2006-05-05.325	53860.325	4.22	3	3350-10400	7.16/12.57	193	15	1.20	2.15	2400	52,72,81	11	0
SN 2006bw	2006-05-05.353	53860.353	8.90	3	3350-10400	7.21/12.51	193	14	1.22	2.07	1500	52,72,81	11	0
SN 2006bw	2006-05-28.383	53883.383	31.26	3	3310-10400	6.86/12.22	222	44	1.62	1.90	2400	64,80	10	0
SN 2006bz	2006-05-05.218	53860.218	-2.44	3	3350-10400	7.08/12.28	129	310	1.04	3.59	1800	52,72,81	11	0
SN 2006cc	2006-06-05.406	53891.406	17.67	3	3310-10600	5.25/12.44	270	90	1.13	3.01	2700	72,81	10	0
SN 2006ch	2006-05-28.000	53883.000	...	3	3310-10400	5.08/11	297	295	1.52	2.33	1800	64,80	10	0
SN 2006ch	2006-06-20.475	53906.475	...	3	3306-10600	6.09/12.09	113	294	1.21	1.63	600	52,81,87	11	0
SN 2006ce	2006-08-18.499	53965.499	...	3	3298-10600	5.56/12.01	166	346	2.01	2.83	1800	72,87	11	0
SN 2006ce	2006-10-24.303	54032.303	...	3	3316-10500	7.50/12.44	158	346	2.02	2.19	2400	64,72,79	11	0
SN 2006ce	2006-11-23.357	54062.357	...	5	3032-9250	6.29/6.60	359	359	1.33	0.93	400	1,52	9	0
SN 2006cf	2006-05-23.291	53878.291	6.28	3	3320-10500	5.00/9.62	84	5	1.35	4.64	1800	72,81	10	0
SN 2006cf	2006-05-28.299	53883.299	11.09	3	3310-10400	5.22/12.11	255	74	1.56	2.31	1500	64,80	10	0
SN 2006cf	2006-06-05.221	53891.221	18.69	3	3310-10500	6/11	87	86	1.24	3.18	2100	72,81	10	0
SN 2006cj	2006-05-28.349	53883.349	3.43	3	3310-10400	5.26/10.91	243	64	1.45	1.97	1800	64,80	10	0
SN 2006cm	2006-05-28.424	53883.424	-1.15	3	3310-10400	6.12/12.10	317	319	1.78	2.68	1800	64,80	10	0
SN 2006cm	2006-06-05.470	53891.470	6.77	3	3310-10600	6.93/12.84	156	338	1.36	3.18	1500	72,81	10	0
SN 2006cm	2006-06-20.410	53906.410	21.47	3	3306-10600	6.22/12.41	145	328	1.48	2.90	1800	52,81,87	11	0
SN 2006cm	2006-07-04.455	53920.455	35.29	3	3310-10700	6.23/12.48	182	5	1.29	1.17	2400	64,79	10	0
SN 2006ct	2006-06-20.328	53906.328	...	3	3366-10558	5.75/11.53	250	69	1.83	4.72	1500	52,81,87	11	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2006ct	2006-06-26.277	53912.277	...	3	3310-10600	5.93/11.85	257	76	1.51	4.46	1800	64,81,87	11	0
SN 2006cp	2006-06-05.281	53891.281	-5.30	3	3310-10600	6.83/12.50	238	59	1.39	2.52	1500	72,81	10	0
SN 2006cq	2006-06-05.307	53891.307	2.00	3	3310-10600	5.32/12.46	248	68	1.21	2.43	1800	72,81	10	0
SN 2006cs	2006-06-05.335	53891.335	2.28	3	3310-10600	6.79/11.91	241	73	1.25	4.66	2100	72,81	10	0
SN 2006da	2006-06-20.437	53906.437	...	3	3348-10600	6.30/11.62	126	307	1.57	2.58	1500	52,81,87	11	0
SN 2006da	2006-06-26.416	53912.416	...	3	3312-10600	5.59/12.81	305	306	1.63	4.70	1800	64,81,87	11	0
SN 2006da	2006-07-04.393	53920.393	...	3	3316-10598	6.23/11.06	126	307	1.54	3.15	1800	64,79	10	0
SN 2006da <sup>m</sup>	2006-08-02.353	53949.353	...	3	3316-10598	5.93/11.98	132	313	1.29	5.51	2400	72,87	11	0
SN 2006cz	2006-06-20.266	53906.266	1.12	3	3348-10600	5.69/11.75	194	19	1.41	2.63	1800	52,81,87	11	0
SN 2006cz	2006-06-26.304	53912.304	6.91	3	3310-10600	6.05/11.90	213	36	1.71	4.45	1500	64,81,87	11	0
SN 2006cz	2006-07-04.329	53920.329	14.62	3	3310-10648	5.08/12.12	47	46	2.61	2.28	2100	64,79	10	0
SN 2006cz	2006-07-21.244	53937.244	30.85	3	3350-10400	6.83/12.21	30	40	1.89	2.22	2100	52,81,87	11	0
SN 2006cz	2006-07-27.234	53943.234	36.60	3	3350-10500	6.25/12.13	215	41	1.97	3.29	2100	64,72,81	11	0
SN 2006dh	2006-06-26.339	53912.339	...	3	3362-10576	6.15/11.84	252	72	1.53	2.50	2100	64,81,87	11	0
SN 2006di	2006-07-25.605	53941.605	...	5	3200-9320	4.5/7	344	344	1.66	1.25	150	85,88,89	9	0
SN 2006dm	2006-07-04.421	53920.421	-7.90	3	3310-10700	6.32/10.71	138	320	1.85	3.90	1800	64,79	10	0
SN 2006dm	2006-07-21.426	53937.426	8.73	3	3350-10400	7.65/11.69	151	333	1.46	1.96	1500	52,81,87	11	5
SN 2006dm	2006-07-27.428	53943.428	14.61	3	3504-9844	6.34/10.94	152	339	1.39	4.39	2100	64,72,81	11	5
SN 2006dm <sup>m</sup>	2006-08-02.394	53949.394	20.44	3	3308-10500	7.19/11.77	150	333	1.46	3.27	2100	72,87	11	5
SN 2006dm	2006-08-18.357	53965.357	36.06	3	3298-10600	5.49/12.32	151	331	1.50	1.13	2400	72,87	11	5
SN 2006do	2006-07-21.477	53937.477	...	3	3744-10198	6.59/12.24	172	357	2.37	1.25	1800	52,81,87	11	0
SN 2006do	2006-07-27.476	53943.476	...	3	3520-9248	6.32/10.84	170	2	2.36	2	2100	64,72,81	11	0
SN 2006do <sup>m</sup>	2006-08-02.461	53949.461	...	3	3310-10490	6.26/11.89	181	2	2.36	3.2	2100	72,87	11	0
SN 2006do	2006-08-18.396	53965.396	...	3	3298-10600	5.45/11.56	171	350	2.44	1.11	2700	72,87	11	0
SN 2006dv	2006-07-25.611	53941.611	...	5	3200-9320	4.5/7	48	49	1.09	1.25	150	85,88,89	9	0
SN 2006dv	2006-07-27.357	53943.357	...	3	3350-10400	6.49/11.62	133	319	1.46	2.29	2100	64,72,81	11	0
SN 2006dv <sup>m</sup>	2006-08-02.319	53949.319	...	3	3310-10500	6.69/11.70	134	315	1.63	2.71	2400	72,87	11	0
SN 2006dv	2006-08-18.317	53965.317	...	3	3330-10576	5.43/12.31	139	320	1.43	1.92	2700	72,87	11	0
SN 2006dv	2006-08-24.277	53971.277	...	3	3320-10399	6.80/11.75	137	318	1.48	2	2700	72,81	11	0
SN 2006eb <sup>m</sup>	2006-08-02.431	53949.431	...	3	3308-10500	6.59/11.24	142	324	1.52	3.2	2100	72,87	11	0
SN 2006eb	2006-08-18.466	53965.466	...	3	3298-10600	5.53/12.30	165	346	1.28	3.97	2400	72,87	11	0
SN 2006dw	2006-07-27.289	53943.289	...	3	3350-10400	6.15/11.79	250	73	1.21	2.24	1500	64,72,81	11	0
SN 2006dw <sup>m</sup>	2006-08-02.252	53949.252	...	3	3308-10500	5.05/12.29	75	75	1.14	2.30	1500	72,87	11	0
SN 2006dw	2006-08-18.266	53965.266	...	3	3298-10600	5.03/11.87	74	71	1.35	2.04	1800	72,87	11	0
SN 2006dw	2006-08-24.233	53971.233	...	3	3320-10399	6.63/12.05	254	72	1.31	5.39	1800	72,81	11	0
SN 2006dy	2006-07-27.191	53943.191	...	3	3350-10400	6/12.30	42	47	1.30	3.32	1500	64,72,81	11	0
SN 2006dy <sup>m</sup>	2006-08-02.225	53949.225	...	3	3310-10500	5.00/11.66	53	54	1.68	2.21	1200	72,87	11	0
SN 2006dy	2006-08-18.202	53965.202	...	3	3296-10600	4.90/10.28	56	54	1.86	2.86	1200	72,87	11	0
SN 2006dy	2006-08-24.172	53971.172	...	3	3320-10400	6.66/11.51	236	54	1.77	2.67	1500	72,81	11	0
SN 2006dy	2006-09-02.159	53980.159	...	3	3320-10400	6.13/12.15	58	55	1.93	4.88	1500	64,66,72	11	0
SN 2006ef	2006-08-24.454	53971.454	3.20	3	3320-10400	6.57/11.75	164	342	1.51	2.26	1500	72,81	11	5
SN 2006ef <sup>n</sup>	2006-09-19.421	53997.421	28.71	3	3320-10600	6/11.58	169	353	1.45	2.30	1500	81,87	10	6
SN 2006ef	2006-09-25.377	54003.377	34.56	3	3310-10400	6.20/10.65	168	346	1.48	2.32	2100	64,81	11	5
SN 2006gr	2006-09-25.202	54003.202	-8.70	3	3310-10400	6.84/10.53	118	295	1.07	2.09	2100	64,81	11	0
SN 2006gr	2006-10-24.150	54032.150	19.28	3	3310-10500	7.18/11.82	122	304	1.03	2.15	2100	64,72,79	11	0
SN 2006gr	2006-10-30.101	54038.101	25.03	3	3342-10500	5.39/11.07	114	294	1.08	2.18	2100	1,66,81	11	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2006ej	2006-08-24.430	53971.430	-3.70	3	3320-10399	6.60/11.56	177	355	1.45	2.24	1800	72,81	11	0
SN 2006ej	2006-09-02.398	53980.398	5.09	3	3320-10400	6.68/11.39	173	353	1.46	4.08	1202	64,66,72	11	0
SN 2006ej <sup>m</sup>	2006-09-19.290	53997.290	21.65	3	3320-10600	6/12.53	149	329	1.75	2.59	1500	81,87	10	0
SN 2006ej	2006-09-25.299	54003.299	27.54	3	3310-10400	6/12.43	161	339	1.55	2.65	1500	64,81	11	0
SN 2006em	2006-09-02.440	53980.440	4.16	3	3320-10400	6.69/12.1	89	258	1.03	1.76	2100	64,66,72	11	0
SN 2006em <sup>m</sup>	2006-09-19.456	53997.456	20.85	3	3510-10182	6/10.92	205	181	1.00	1.65	2100	81,87	10	0
SN 2006em	2006-09-25.415	54003.415	26.70	3	3310-10400	6/10.27	237	220	1.01	2.39	2400	64,81	11	0
SN 2006em <sup>m</sup>	2006-09-02.319	53980.319	8.55	3	3320-10400	6.54/11	124	306	1.03	2	1200	64,66,72	11	-5
SN 2006em <sup>m</sup>	2006-09-19.209	53997.209	24.91	3	3592-10600	6/12.54	114	293	1.19	2.22	1500	81,87	10	5
SN 2006en	2006-09-25.232	54003.232	30.75	3	3732-10242	6.64/12.07	119	297	1.06	2.09	1800	64,81	11	-5
SN 2006es	2006-09-02.482	53980.482	...	3	3320-10400	6.89/11.86	96	270	1.05	3.62	2100	64,66,72	11	0
SN 2006es <sup>m</sup>	2006-09-19.499	53997.499	...	3	3364-10190	6/10.79	256	242	1.00	1.42	2400	81,87	10	0
SN 2006eu <sup>m</sup>	2006-09-19.155	53997.155	10.17	3	3320-10600	6/12.34	226	222	1.04	2.22	1800	81,87	10	5
SN 2006eu	2006-09-25.143	54003.143	16.02	3	3310-10400	5.19/10.64	212	206	1.03	2.30	2100	64,81	11	6
SN 2006et <sup>m</sup>	2006-09-19.345	53997.345	3.29	3	3320-10600	6/11.00	168	348	2.13	3.05	1500	81,87	10	0
SN 2006et	2006-09-25.321	54003.321	9.14	3	3310-10400	6.44/10.53	172	349	2.12	4.54	1500	64,81	11	0
SN 2006et <sup>m</sup>	2006-10-30.278	54038.278	43.34	3	3328-10500	7.11/11.49	184	6	2.07	1	2100	1,66,81	11	0
SN 2006ev <sup>m</sup>	2006-09-19.183	53997.183	10.54	3	3320-10600	6/12.00	142	322	1.17	2.40	1500	81,87	10	0
SN 2006ev	2006-09-25.175	54003.175	16.36	3	3310-10400	5.26/12.61	149	329	1.13	2.69	1500	64,81	11	0
SN 2006gj	2006-09-25.482	54003.482	4.70	3	3310-10400	5.33/11.09	191	8	1.29	2.09	1500	64,81	11	0
SN 2006gt	2006-09-25.348	54003.348	3.08	3	3310-10400	6.29/11.78	174	352	1.29	2.35	2100	64,81	11	0
SN 2006ha	2006-11-24.351	54063.351	49.55	8	4792-10007	<sup>3</sup>	80	77	1.44	0.90	600	1,52,90	9	0
SN 2006hb	2006-10-30.489	54038.489	39.38	3	3328-10500	7.38/12.70	195	16	2.04	1	2100	1,66,81	11	0
SN 2006hn	2006-10-24.488	54032.488	...	3	3312-10500	7.52/11.71	92	271	1.61	2.37	1800	64,72,79	11	0
SN 2006je	2006-10-24.247	54032.247	20.18	3	3310-10500	7.13/10.16	109	288	1.09	1.48	2100	64,72,79	11	6
SN 2006je	2006-10-30.313	54038.313	26.02	3	3326-10500	6.84/11.62	169	17	1.00	2.26	2100	1,66,81	11	0
SN 2006ke	2006-10-24.397	54032.397	2.36	3	3312-10500	7.24/10.15	54	231	1.23	2	2400	64,72,79	11	0
SN 2006ke	2006-10-30.525	54038.525	8.38	3	3328-10500	6.80/12.61	155	152	1.17	2.11	2400	1,66,81	11	0
SN 2006kf	2006-10-24.352	54032.352	-8.96	3	3312-10500	7.51/11.68	152	334	1.20	1.65	2000	64,72,79	11	0
SN 2006kf	2006-10-30.385	54038.385	-3.05	3	3328-10500	7.00/10.24	176	360	1.14	1.94	1800	1,66,81	11	0
SN 2006kf	2006-11-20.241	54059.241	17.37	3	3314-10500	7.25/10.72	141	321	1.32	1.70	2700	81,87	11	0
SN 2006nr	2006-11-20.470	54059.470	...	3	3314-10500	6.37/10.24	164	164	1.52	1.95	1401	81,87	11	0
SN 2006if	2006-10-30.420	54038.420	-6.30	3	3328-10500	5.16/11.80	208	191	1.01	1.92	2100	1,66,81	11	5
SN 2006if	2006-11-20.276	54059.276	14.29	3	3314-10500	7.17/10.34	87	266	1.11	1.55	2400	81,87	11	6
SN 2006if	2006-12-01.194	54070.194	25.06	3	3310-10500	6/11.48	96	278	1.29	1.92	2400	64,81	11	6
SN 2006if	2006-12-20.150	54089.150	43.77	3	3310-10500	6.75/11	103	277	1.25	2.37	2400	66,72,81	11	4
SN 2006le	2006-10-30.456	54038.456	-8.69	3	3328-10500	7.28/12.85	174	169	1.11	1.60	2100	1,66,81	11	5
SN 2006le	2006-11-20.427	54059.427	11.92	3	3314-10500	6.77/11.10	177	151	1.12	1.83	2400	81,87	11	3
SN 2006le	2006-12-20.196	54089.196	41.18	3	3310-10500	6.78/11.65	69	240	1.21	1.90	2400	66,72,81	11	0
SN 2006mo	2006-11-20.174	54059.174	12.46	3	3314-10500	7.00/10.91	100	279	1.01	4.92	2400	81,87	11	0
SN 2006mp	2006-11-20.101	54059.101	5.66	3	3314-10500	6.39/11.17	71	70	1.74	1.77	2100	81,87	11	0
SN 2006ob	2006-12-01.107	54070.107	7.65	3	3310-10500	6/12.38	135	319	1.66	2	2400	64,81	11	0
SN 2006or	2006-11-23.654	54062.654	-2.79	5	3046-9250	6.23/6.23	260	259	1.19	1.26	200	1,52	9	0
SN 2006or	2006-12-01.530	54070.530	4.93	3	3310-10252	6/12.44	110	293	1.18	3.33	1500	64,81	11	0
SN 2006os	2006-12-01.142	54070.142	8.61	3	3310-10500	6.74/12.06	125	307	1.41	2.39	2100	64,81	11	0
SN 2006os	2006-12-20.233	54089.233	27.09	3	3310-10500	6.67/11	197	15	1.08	3.73	2400	66,72,81	11	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2006ot	2006-11-23.362	54062.362	...	5	3114-9250	6.43/7.00	5	5	1.32	0.99	200	1,52	9	0
SN 2006ot	2006-12-01.241	54070.241	...	3	3306-10500	6/12.12	174	1	1.89	2	2100	64,81	11	0
SN 2006ow	2006-12-01.309	54070.309	...	3	3310-10500	7.23/12.19	254	254	1.35	4.72	2100	64,81	11	0
SN 2006qp	2006-12-01.436	54070.436	-11.08	3	3310-10500	7.26/11.03	215	214	1.08	2	2700	64,81	11	0
SN 2006sr	2006-12-20.096	54089.097	-2.34	3	3310-10500	6.66/10.62	184	3	1.03	1.93	1800	66,72,81	11	0
SN 2006su	2006-12-25.242	54094.242	2.69	5	3278-9240	4.5/6.23	93	94	1.07	1.26	200	1,52	11	0
SN 2006su	2006-12-23.672	54092.672	...	8	4473-9574	3	145	218	1.07	0.90	200	1,52	9	0
SN 2006td	2007-01-21.218	54121.218	22.62	3	3388-10588	5.21/11.66	76	75	1.22	1.20	1500	66,87	11	0
SN 2006te	2007-01-21.393	54121.393	24.22	3	3326-10600	5.30/10.73	76	108	1.02	1.05	1800	66,87	11	0
SN 2006te	2007-01-26.326	54126.326	29.00	3	3330-10500	6.75/11	43	200	1.00	3	1800	72,87	11	0
SN 2006te	2007-02-18.307	54149.307	51.28	3	3334-10140	5.88/10.10	74	115	1.01	3.09	1800	66,87	10	0
SN 2007A	2007-01-13.208	54113.208	2.37	5	3284-9254	4.5/6.59	70	71	1.10	1.11	150	52	11	0
SN 2007A	2007-01-26.140	54126.140	15.07	3	3326-10500	5.14/12.49	53	51	1.52	2.46	1500	72,87	11	0
SN 2007A	2007-02-18.144	54149.144	37.68	3	3378-10270	5.25/10.66	55	55	2.34	3.00	1800	66,87	10	0
SN 2007B	2007-01-13.203	54113.203	...	5	3284-9254	4.5/7.07	91	95	1.46	1.29	200	52	11	0
SN 2007B	2007-01-21.219	54121.219	...	5	3218-9250	5.38/7	87	87	1.90	1.17	150	1,52,81	11	0
SN 2007B	2007-01-26.116	54126.116	...	3	3326-10500	6.33/12.10	68	67	1.64	4.93	1500	72,87	11	0
SN 2007E	2007-01-13.213	54113.213	...	5	3284-9254	4.5/6.40	352	354	1.23	1.50	150	52	11	0
SN 2007E	2007-01-21.192	54121.192	...	3	3326-10600	5.20/10.65	25	26	1.97	4.43	1200	66,87	11	0
SN 2007F	2007-01-13.658	54113.658	-9.35	5	3318-9254	4.5/7.24	188	184	1.16	1.32	300	52	11	0
SN 2007F	2007-01-26.534	54126.534	3.23	3	3330-10500	6.13/11.40	186	180	1.03	2.18	1500	72,87	11	0
SN 2007F	2007-02-18.420	54149.420	25.59	3	3334-10500	6.06/11.53	65	238	1.07	2.01	1800	66,87	10	0
SN 2007F	2007-03-17.636	54176.636	52.18	8	4494-9581	3	286	107	1.58	0.80	450	47,81	9	0
SN 2007M	2007-01-22.487	54122.487	...	8	4427-9569	3	277	276	1.29	0.80	1000	1,52,81	9	0
SN 2007N	2007-01-22.583	54122.583	0.44	8	4448-9569	3	327	331	1.20	0.80	400	1,52,81	9	0
SN 2007N	2007-02-14.668	54145.668	23.23	5	3200-9238	6.09/7	50	51	1.44	1.12	400	1,52,81	5	0
SN 2007O	2007-01-22.663	54122.663	-0.33	8	4432-9569	3	220	218	1.16	0.80	200	1,52,81	9	0
SN 2007O	2007-02-18.487	54149.487	25.56	3	3334-10292	6.17/9.98	80	257	1.07	2.65	2100	66,87	10	0
SN 2007R	2007-02-18.230	54149.230	21.58	3	3472-10074	5.78/10.98	26	233	1.02	3.23	1800	66,87	10	0
SN 2007S	2007-02-18.375	54149.375	5.18	3	3334-10500	6.15/10.07	189	11	1.20	1.80	1500	66,87	10	0
SN 2007S	2007-03-18.357	54177.357	32.78	5	3450-9240	6.40/8.56	353	355	1.04	0.97	240	47,81	11	0
SN 2007S <sup>m</sup>	2007-04-16.352	54206.352	61.38	5	3116-9330	5.34/8.76	43	56	1.13	4.50	600	52,85,88,91	5	0
SN 2007V	2007-02-14.577	54145.577	...	5	3210-9238	6.27/7	237	58	1.41	1.80	250	1,47,52,81	5	0
SN 2007af	2007-03-13.545	54172.545	-1.25	3	3350-10500	7.24/11.06	212	33	1.46	1.87	360	1,81,87	11	6
SN 2007af	2007-03-17.653	54176.653	2.84	8	4421-9581	3	239	60	1.36	0.80	150	47,81	9	6
SN 2007af	2007-03-18.633	54177.633	3.81	5	3450-9240	6.06/7	60	56	1.27	1.16	30	47,81	11	6
SN 2007af	2007-04-10.396	54200.396	26.45	3	3314-10600	7.51/12.59	183	5	1.27	2.54	900	1,71,72	11	6
SN 2007af	2007-06-14.314	54265.314	91.02	3	3324-10500	6.81/10.12	36	39	1.61	2.35	1800	66,68,71	11	0
SN 2007af	2007-07-07.205	54288.205	113.78	3	3310-10500	7.42/11	203	25	1.36	3.13	1800	66,81,92	11	0
SN 2007af	2007-07-15.213	54296.213	121.75	3	3324-10500	5.03/11	31	35	1.49	2.89	1800	66,68,92	11	0
SN 2007af	2007-08-07.214	54319.214	144.62	3	3328-10600	5.39/10.73	224	47	2.23	2.08	1800	81,92	11	0
SN 2007af	2007-08-21.210	54333.210	158.54	3	3638-10370	5.07/12.66	48	50	2.93	1.5	1500	71,92	10	0
SN 2007aj	2007-03-13.374	54172.374	10.75	3	3350-10500	5.49/11.36	205	202	1.05	1.88	1200	1,81,87	11	0
SN 2007aj	2007-04-10.443	54200.443	38.00	3	3314-10600	7.22/12.49	189	101	1.21	2.51	1800	1,71,72	11	0
SN 2007aj	2007-03-13.289	54172.289	3.39	3	3340-10500	6.30/12.40	182	3	1.83	2.47	1500	1,81,87	11	0
SN 2007ap	2007-03-17.649	54176.649	9.37	8	4442-9581	3	248	74	1.03	0.80	240	47,81	9	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2007ap	2007-04-10.502	54200.502	32.85	3	3314-10600	5.53/12.44	102	34	1.12	3.11	1500	1,71,72	11	0
SN 2007ap	2007-04-13.633	54203.633	35.93	8	4488-9574	3	79	79	1.19	0.60	200	1,52,81	9	0
SN 2007ao	2007-03-17.644	54176.644	...	8	4555-9581	3	252	71	1.23	0.80	360	47,81	9	0
SN 2007au	2007-04-10.192	54200.192	16.11	3	3324-10600	5.35/11.78	104	101	1.15	2.44	2100	1,71,72	11	6
SN 2007au	2007-04-26.255	54216.255	31.85	3	3706-9276	6.32/12.28	255	75	1.61	2.28	1800	72,87	10	0
SN 2007ax	2007-04-10.281	54200.281	14.93	3	3314-10600	5.33/12.64	60	59	1.46	3	1200	1,71,72	11	0
SN 2007ba	2007-04-10.475	54200.475	2.14	3	3314-10600	5.61/11.98	205	26	1.21	4.00	2400	1,71,72	11	0
SN 2007ba	2007-04-13.629	54203.629	5.18	8	4447-9574	3	69	69	1.37	0.60	300	1,52,81	9	0
SN 2007ba	2007-04-16.623	54206.623	8.06	8	4447-9574	3	69	69	1.38	0.70	400	11,78,93,94,95	9	0
SN 2007bc	2007-04-10.323	54200.323	0.61	3	3314-10600	6.98/10.97	46	45	1.11	2.14	1200	1,71,72	11	5
SN 2007bc	2007-04-26.387	54216.387	16.35	3	3578-10500	5.69/11.33	58	58	1.67	2.5	1500	72,87	10	-6
SN 2007bd	2007-04-10.254	54200.254	-5.79	3	3316-10600	5.21/11.84	40	40	1.68	4.23	2100	1,71,72	11	0
SN 2007bd	2007-04-26.226	54216.226	9.70	3	3614-10500	6.37/12.09	219	41	1.72	1.30	1800	72,87	10	0
SN 2007bd	2007-04-26.493	54216.493	14.25	3	3340-10500	6.11/12.19	204	26	1.39	3.76	900	72,87	10	6
SN 2007bj	2007-05-10.471	54230.471	28.00	3	3468-10600	6.51/12.16	208	30	1.45	1.5	1500	1,81,87	11	-5
SN 2007bj	2007-05-24.423	54244.423	41.73	3	3304-10600	5.73/12.00	205	30	1.44	1.5	1500	64,68,72	11	5
SN 2007bm	2007-04-26.278	54216.278	-7.79	3	3340-10500	6.57/11.97	198	19	1.56	3.83	1200	72,87	10	0
SN 2007bm	2007-05-19.239	54239.239	15.03	3	3386-10500	5.58/11.09	204	26	1.66	2	1800	64,87	10	0
SN 2007bm	2007-05-24.199	54244.199	19.96	3	3320-10500	5.86/12.17	196	17	1.54	3.65	1800	64,68,72	10	0
SN 2007bm	2007-06-14.216	54265.216	40.84	3	3324-10500	5.01/11.34	39	40	2.33	3.04	1800	66,68,71	11	0
SN 2007bz	2007-04-26.419	54216.419	1.65	3	3340-10500	5.82/12.34	58	59	1.35	4.61	1500	72,87	10	0
SN 2007ca	2007-04-26.305	54216.305	-11.14	3	3456-10500	6.57/11.15	174	356	1.64	3.77	1500	72,87	10	0
SN 2007ca	2007-05-24.291	54244.291	16.46	3	3530-10262	6.23/10.81	196	18	1.75	3.43	1500	64,68,72	10	6
SN 2007ca	2007-06-09.277	54260.277	32.22	3	3314-10500	5.25/12.65	27	29	2.05	2.83	2100	66,71	11	5
SN 2007cf	2007-05-10.412	54230.412	...	3	3330-10600	6.20/12.43	243	29	2.21	1.5	1800	1,81,87	11	0
SN 2007cg	2007-05-24.234	54244.234	16.17	3	3580-10486	6.12/11	176	359	2.12	1.69	1800	64,68,72	10	0
SN 2007ci	2007-05-19.316	54239.316	-6.57	3	3428-10156	5.35/10.39	57	57	1.43	3.04	1800	64,87	10	0
SN 2007ci	2007-05-24.264	54244.264	-1.71	3	3320-10500	6.30/11.10	231	52	1.22	2.65	1800	64,68,72	10	5
SN 2007ci	2007-06-09.244	54260.244	13.99	3	3310-10500	5.31/10.31	55	56	1.40	3.52	1800	66,71	11	6
SN 2007ci	2007-06-23.249	54274.249	27.75	3	3308-10500	6.66/11	58	58	1.83	2.97	2400	64,66	11	0
SN 2007co	2007-06-09.398	54260.398	-4.09	3	3324-10500	5.36/9.73	244	20	1.01	2.65	1800	66,71	11	6
SN 2007co	2007-06-14.468	54265.468	0.85	3	3312-10500	6.96/9.92	245	66	1.14	2.17	2400	66,68,71	11	5
SN 2007co	2007-06-23.408	54274.408	9.55	3	3310-10500	5.24/12.14	246	61	1.06	2.01	1800	64,66	11	6
SN 2007co	2007-07-07.316	54288.316	23.09	3	3310-10500	7.13/10.59	246	7	1.01	2.70	2400	66,81,92	11	6
SN 2007co	2007-07-15.240	54296.240	30.81	3	3600-10124	5.11/11	246	301	1.05	3.36	1800	66,68,92	11	6
SN 2007co	2007-07-20.239	54301.239	35.68	3	3320-10600	5.30/9.90	246	306	1.03	3.58	1800	1,71,92	11	5
SN 2007co	2007-08-07.277	54319.277	53.24	3	3326-10550	7.04/11	234	59	1.04	1.99	2700	81,92	11	0
SN 2007co	2007-08-14.276	54326.276	60.06	3	3600-9878	5.39/11.30	57	60	1.05	2.58	2400	66,71	10	0
SN 2007cp	2007-06-14.263	54265.263	...	3	5160-10500	10.35	31	37	2.80	1.76	1800	66,68,71	11	0
SN 2007cp	2007-06-23.217	54274.217	...	3	3308-10500	5.12/11	29	32	2.34	1.4	1800	64,66	11	0
SN 2007cq	2007-06-23.431	54274.431	-5.82	3	3310-10500	7.09/11	143	324	1.34	2.46	600	64,66	11	0
SN 2007cq	2007-07-07.439	54288.439	7.84	3	3310-10500	7.05/11.12	161	343	1.21	2.80	1500	66,81,92	11	0
SN 2007cq	2007-07-15.374	54296.374	15.57	3	3324-10500	7.25/11	144	325	1.33	3.24	1500	66,68,92	11	5
SN 2007cq	2007-07-20.319	54301.319	20.39	3	3322-10600	7.55/11	134	316	1.57	3.59	1200	1,71,92	11	5
SN 2007cq	2007-08-07.330	54319.330	37.95	3	3326-10600	5.45/11.15	149	332	1.26	3.55	2100	81,92	11	5
SN 2007cq	2007-08-14.346	54326.346	44.79	3	3610-10296	5.66/11.54	153	341	1.21	2.63	2400	66,71	10	5

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2007cs	2007-07-07.463	54288.463	12.15	3	3310-10500	7.53/10.03	115	295	1.09	2.66	1500	66,81,92	11	0
SN 2007cs	2007-07-20.343	54301.343	24.81	3	3322-10600	7.40/11.50	114	295	1.49	2	1300	1,71,92	11	0
SN 2007cs	2007-08-07.396	54319.396	42.55	3	3326-10600	7.08/11.51	120	298	1.06	1.5	2100	81,92	11	0
SN 2007cs	2007-08-14.384	54326.384	49.42	3	3618-10390	6.01/11.56	115	297	1.07	1	2400	66,71	10	0
SN 2007fb	2007-07-07.486	54288.486	1.95	3	3310-10500	6/11.15	150	332	1.25	2.69	1200	66,81,92	11	0
SN 2007fb	2007-07-20.396	54301.396	14.63	3	3322-10600	7.23/9.55	179	316	1.51	3.18	750	1,71,92	11	0
SN 2007fb	2007-08-07.461	54319.461	32.38	3	3326-10600	6.83/12.75	179	1	1.18	2.91	1200	81,92	11	0
SN 2007fb	2007-08-14.493	54326.493	39.28	3	3510-10500	5.79/11.41	196	28	1.22	1.77	1800	66,71	10	0
SN 2007fb	2007-08-21.274	54333.274	45.95	3	3404-10268	5.89/11	129	310	1.97	1.5	1200	71,92	10	0
SN 2007fb <sup>m</sup>	2007-09-05.277	54348.277	60.68	3	3310-10500	5.26/11.61	136	318	1.45	2.5	1800	81,92,96	11	0
SN 2007fb	2007-10-16.231	54389.231	100.91	5	3180-9190	7.21/7	292	292	1.53	0.87	360	1,39,52,81	11	0
SN 2007fc	2007-07-20.475	54301.475	...	3	3322-10600	7.27/9.61	167	349	2.02	3.32	1500	1,71,92	11	0
SN 2007fc	2007-08-07.432	54319.432	...	3	3324-10600	5.61/12.58	169	351	2.00	1.5	2400	81,92	11	0
SN 2007fc	2007-08-14.421	54326.421	...	3	3590-10122	5.79/11.03	168	350	2.00	1.32	1800	66,71	10	0
SN 2007fq	2007-07-15.401	54296.401	...	3	3324-10500	7.26/12.35	183	6	2.04	1.5	1800	66,68,92	11	0
SN 2007fr	2007-07-15.475	54296.475	-5.83	3	3324-10500	5.49/10.26	197	22	1.31	1.86	2100	66,68,92	11	0
SN 2007fr	2007-07-20.287	54301.287	-1.25	3	3322-10600	7.44/10.64	135	317	1.76	2.54	2400	1,71,92	11	0
SN 2007fs	2007-07-20.415	54301.415	5.03	3	3322-10600	7.45/10.53	173	356	1.93	3.39	900	1,71,92	11	0
SN 2007fs	2007-08-07.357	54319.357	22.67	3	3324-10600	7.27/12.75	171	353	1.95	2.60	1500	81,92	11	0
SN 2007fs	2007-08-14.302	54326.302	29.49	3	3314-10500	5.81/11.45	156	337	2.20	2.19	1500	66,71	10	0
SN 2007fs	2007-08-21.299	54333.299	36.37	3	3456-10500	5.76/11.91	161	344	2.06	1.5	1200	71,92	10	0
SN 2007fs <sup>m</sup>	2007-09-05.306	54348.306	51.13	3	3314-10500	6.95/11.20	180	2	1.93	2.11	1800	81,92,96	11	0
SN 2007fs	2007-10-16.225	54389.225	91.35	5	3128-9186	7.11/7	329	332	1.45	0.67	360	1,39,52,81	11	0
SN 2007ge	2007-08-07.492	54319.492	12.53	3	3326-10600	6.47/12.33	141	136	1.03	1.83	2700	81,92	11	0
SN 2007gi	2007-08-07.179	54319.179	-7.31	3	3324-10600	6.48/11	81	80	1.63	2.70	900	81,92	11	0
SN 2007gi	2007-08-14.173	54326.173	-0.35	3	3310-10500	5.48/11	78	79	1.68	2.13	900	66,71	10	0
SN 2007gi	2007-08-21.163	54333.163	6.61	3	3310-10500	7.76/11	77	74	1.75	1.5	610	71,92	10	0
SN 2007gi	2007-11-12.651	54416.651	89.70	5	3102-9180	6.63/7.52	243	243	1.72	2.53	300	1,81	11	0
SN 2007gi	2008-01-15.551	54480.551	153.29	3	3320-10500	5.23/12.15	175	167	1.10	3.78	1800	66,87,97	10	0
SN 2007gk	2007-08-14.237	54326.237	-1.72	3	3310-10500	5.40/11.78	137	135	1.22	1.85	1800	66,71	10	0
SN 2007gk <sup>m</sup>	2007-09-05.172	54348.172	19.65	3	3310-10500	5.11/11	135	132	1.23	2.5	2400	81,92,96	11	0
SN 2007if	2007-10-15.393	54388.393	37.23	5	3200-9216	6.59/5.18	290	295	1.03	1.26	1200	1,39,52,81	11	0
SN 2007if	2007-11-12.204	54416.204	63.12	5	3138-9170	6.69/6.56	284	283	1.49	1.34	1200	1,81	11	0
SN 2007if	2007-12-13.245	54447.245	92.02	5	3270-9150	4.33/6.57	297	308	1.01	1.07	1200	1,81,88	11	0
SN 2007hj <sup>m</sup>	2007-09-05.250	54348.250	-1.23	3	3310-10500	5.28/11	132	313	1.24	2.50	1200	81,92,96	11	5
SN 2007hj <sup>m</sup>	2007-09-19.206	54362.206	12.53	3	3320-10600	5.48/9.99	130	312	1.26	2.13	900	1,66,81	11	5
SN 2007hj	2007-10-15.315	54388.315	38.27	5	3200-9214	6.54/5.21	300	313	1.01	1.06	420	1,39,52,81	11	5
SN 2007hj	2007-11-18.132	54422.132	71.62	3	3310-10630	5.95/12.05	169	354	1.08	2.77	1800	71,92	11	4
SN 2007hu <sup>m</sup>	2007-09-19.184	54362.184	...	3	3320-10600	5.25/10.22	64	64	1.33	1.94	1800	1,66,81	11	0
SN 2007hu	2007-10-15.264	54388.264	...	5	3212-9210	6.36/6.73	45	82	2.02	0.58	1400	1,39,52,81	11	0
SN 2007ir <sup>m</sup>	2007-09-19.461	54362.461	...	3	3320-10600	5.59/11	218	97	1.00	1.42	2400	1,66,81	11	0
SN 2007ir	2007-10-14.641	54387.641	...	5	3118-8712	6.48/6.66	94	92	1.69	0.80	300	98,99	11	0
SN 2007is <sup>m</sup>	2007-09-19.144	54362.144	...	3	3320-10600	5.37/10.50	85	84	1.13	2.61	1200	1,66,81	11	0
SN 2007is	2007-10-15.243	54388.243	...	5	3200-9210	6.57/7.33	92	92	1.81	2.34	600	1,39,52,81	11	0
SN 2007kf	2007-10-15.286	54388.286	...	5	3270-9210	6.46/6.43	110	105	2.17	1.76	900	1,39,52,81	11	0
SN 2007kg	2007-10-15.371	54388.371	...	5	3200-9212	6.59/7.48	186	180	1.33	1.29	900	1,39,52,81	11	0

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup> Corr. <sup>l</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2007kd	2007-11-11.652	54415.652	...	5	3140-9100	6.54/7	222	218	1.05	1.19	200	1,81	11	0
SN 2007kk	2007-10-16.639	54389.639	7.15	5	3100-9190	7.01/7	111	105	1.33	0.97	300	1,39,52,81	11	0
SN 2007le	2007-10-15.325	54388.325	-10.31	5	3200-9214	6.59/8.54	336	339	1.14	1.03	500	1,39,52,81	11	6
SN 2007le	2007-10-16.233	54389.233	-9.40	5	3100-9190	7.04/7	304	304	1.52	0.77	60	1,39,52,81	11	6
SN 2007le	2007-11-02.182	54406.182	7.43	3	3334-10620	5.86/12.67	167	349	1.41	3.13	600	66,81	11	6
SN 2007le	2007-11-11.198	54415.198	16.39	5	3050-9100	6.76/6.65	313	314	1.28	1.04	150	1,81	11	5
SN 2007le	2007-11-12.187	54416.187	17.37	5	3050-9100	7.59/7.80	310	311	1.33	1.11	150	1,81	11	5
SN 2007le	2007-11-18.182	54422.182	23.33	3	3310-10640	6.13/11.43	189	7	1.39	2.61	600	71,92	11	6
SN 2007le	2007-12-01.121	54435.121	36.18	3	3326-10630	5.58/11.11	173	356	1.39	4.28	600	71,92	11	5
SN 2007le	2007-12-12.199	54446.199	47.18	5	3090-9150	6.52/6.84	2	3	1.12	1.69	240	1,81	11	6
SN 2007le	2008-08-27.490	54705.490	304.74	5	3268-9240	4.5/7	291	5	1.12	1.56	1200	100,39	11	0
SN 2007sl <sup>n</sup>	2007-11-02.133	54406.133	-1.23	3	3332-10620	5.94/11.97	129	310	1.27	2.85	2700	66,81	11	5
SN 2007sl <sup>n</sup>	2007-12-12.221	54446.221	37.79	5	3170-9150	6.43/6.65	350	2	1.00	1.60	300	1,81	11	5
SN 2007qd	2007-11-12.535	54416.535	...	5	3158-9170	6.62/6.66	99	66	1.78	0.90	1500	1,81	11	0
SN 2007on	2007-11-12.468	54416.468	-3.01	5	3050-9170	6.56/5.98	192	11	1.79	1.41	150	1,81	11	0
SN 2007on	2007-11-12.473	54416.473	-3.00	5	3734-6840	4.5/3.06	192	13	1.80	1.39	300	1,81	11	0
SN 2007on	2007-12-01.052	54435.053	15.46	9	4000-10399	...	298	0	1.17	2	...	101,102	9	0
SN 2007on	2007-12-13.349	54447.349	27.68	5	3312-9134	4.31/6.44	356	357	1.76	1.75	120	1,81,88	11	0
SN 2007qe	2007-11-18.104	54422.104	-6.54	3	3310-10630	5.88/11.27	196	301	1.09	1.89	1300	71,92	11	0
SN 2007qe	2007-12-01.176	54435.176	6.23	3	3326-10630	5.56/11.24	208	44	1.03	3.15	1300	71,92	11	0
SN 2007qe	2007-12-11.187	54445.187	16.00	3	3320-10500	5.48/11.53	221	57	1.08	4.32	1800	71,92	10	0
SN 2007sa	2007-12-13.675	54447.675	...	5	3270-9150	4.5/7	317	174	1.24	1.07	120	1,81,88	11	0
SN 2007rx	2007-12-11.156	54445.156	...	3	3320-10500	5.50/11.38	221	49	1.04	3.68	1800	71,92	10	0
SN 2007ry	2007-12-11.485	54445.485	...	3	3458-10500	5.20/10.93	67	66	1.89	3.5	1800	71,92	10	0
SN 2007sr	2008-01-15.587	54480.587	32.61	3	3320-10500	5.47/11.78	199	20	2.00	3.06	600	66,87,97	10	0
SN 2007sr	2008-04-28.243	54584.243	135.70	5	3160-9210	6.5/7	139	319	1.56	0.91	200	1,103,81,87	11	0
SN 2007su	2007-12-31.132	54465.132	...	3	3490-9888	5.12/11.42	47	51	1.49	4.49	1800	1,47,92	10	0
SN 2007ux	2007-12-31.459	54465.459	5.59	3	3528-10304	6.81/12.44	110	333	1.11	1.38	2400	1,47,92	10	0
SN 2007ux	2008-01-15.483	54480.483	20.16	3	3386-10356	5.33/11.37	197	17	1.10	2.00	1500	66,87,97	10	6
SN 2008A	2008-01-15.278	54480.278	...	3	3320-10500	5.57/11	69	68	1.70	2.03	3150	66,87,97	10	0
SN 2008A	2008-02-12.000	54508.000	...	5	3076-9340	4.07/6.54	302	90	1.66	0.98	200	39,85,88	5	0
SN 2008A	2008-02-16.228	54512.228	...	3	3370-10500	5.68/10.71	63	62	2.22	3.29	1800	66,81,87,97	10	0
SN 2008A	2008-08-03.625	54681.625	...	5	3402-9196	4.5/5.46	20	191	1.04	1.17	450	104,85,88,96	11	0
SN 2008A	2008-08-28.513	54706.513	...	5	3270-9256	4.5/7.22	157	231	1.09	0.80	1200	100,39	11	0
SN 2008A	2008-10-27.276	54766.276	...	5	3150-9160	6.5/7.22	202	261	1.42	1.12	1800	1,105,81,87	11	0
SN 2008C	2008-01-15.444	54480.444	15.68	3	3362-10600	5.31/10.84	50	57	1.41	3.53	900	66,87,97	11	0
SN 2008L	2008-02-29.000	54525.000	32.37	3	4390-9886	10.85	70	68	1.78	1.85	1200	66,81,87,97	10	0
SN 2008Q	2008-02-16.113	54512.113	6.46	3	3300-10500	5.95/11	227	47	1.48	2.31	300	66,81,87,97	10	0
SN 2008Q	2008-02-29.000	54525.000	19.25	3	4400-9888	10.42	54	54	2.65	2.19	300	66,81,87,97	10	0
SN 2008Q	2008-08-28.495	54706.495	199.31	5	3296-9256	4.5/6.85	296	299	1.10	1.28	1200	100,39	11	0
SN 2008Z	2008-02-16.463	54512.463	-2.29	3	3300-10500	5.87/11.24	255	75	1.23	1.91	1200	66,81,87,97	10	0
SN 2008Z	2008-02-29.000	54525.000	9.99	3	4400-9884	10.99	92	47	1.00	2.12	1200	66,81,87,97	10	0
SN 2008af	2008-02-29.527	54525.527	24.32	3	4430-9860	12.26	176	357	1.07	1.71	1600	66,81,87,97	10	0
SN 2008ai	2008-02-16.490	54512.490	...	3	3460-10500	5.06/11.20	256	79	1.14	1.42	1500	66,81,87,97	10	0
SN 2008ai	2008-02-29.000	54525.000	...	3	4400-9884	10.86	87	85	1.04	2.49	1800	66,81,87,97	10	0
SN 2008ar	2008-02-29.000	54525.000	-8.87	3	4428-9884	11.38	205	25	1.15	2.23	900	66,81,87,97	10	4

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2008ar	2008-03-12.000	54537.000	2.83	3	3300-10600	5.34/11	36	37	1.22	3.68	1800	87,92	10	5
SN 2008ar	2008-04-28.519	54584.519	49.13	5	3210-9200	4.5/5.14	125	73	1.87	0.82	600	1,103,81,87	11	-2
SN 2008ca	2008-04-28.406	54584.406	...	5	3210-9210	4.5/5.74	243	65	1.06	1.68	600	1,103,81,87	11	0
SN 2008cb	2008-04-28.416	54584.416	...	5	3192-9210	6.5/5.83	243	59	1.09	0.55	600	1,103,81,87	11	0
SN 2008bf	2008-04-27.000	54583.000	27.93	3	3300-10800	6.17/10.58	54	55	1.29	2.58	1500	106,107	10	0
SN 2008bf	2008-05-09.000	54595.000	39.65	3	3300-10800	5.37/10.81	58	58	1.81	2.02	1200	108,109,75	10	0
SN 2008bf	2008-05-10.000	54596.000	40.62	3	3300-10800	5.32/11	57	58	1.51	2.08	1200	108,109,75	10	0
SN 2008bt	2008-04-16.000	54572.000	-1.08	3	3300-10600	6.34/11	21	23	1.70	...	1800	66,87	10	0
SN 2008bt	2008-04-28.236	54584.236	10.97	5	3226-9210	4.5/7	89	332	1.24	2.42	175	1,103,81,87	11	0
SN 2008bv	2008-04-28.315	54584.315	...	5	3254-9210	4.5/5.07	177	103	1.26	2.82	400	1,103,81,87	11	0
SN 2008bw	2008-04-28.627	54584.627	...	5	3166-9200	6.34/6.46	311	165	1.17	1.75	1150	1,103,81,87	11	0
SN 2008bz	2008-04-26.000	54582.000	...	3	3300-10800	5.93/11.03	41	42	1.28	3.34	1800	106,107	10	0
SN 2008cd	2008-05-01.000	54587.000	...	3	3300-10800	6/11	193	17	1.77	4.70	1500	106,107,110	10	0
SN 2008cf	2008-05-07.000	54593.000	...	3	3622-9246	6.11/12.95	187	7	2.30	3.93	1800	108,109,110	10	0
SN 2008cl	2008-05-17.308	54603.308	4.24	3	3478-10710	6.31/10.62	60	234	1.07	4.20	1800	92,97	10	0
SN 2008sl <sup>o</sup>	2008-05-19.000	54605.000	-6.36	3	3300-10800	7.49/12.94	199	21	1.14	2.14	1800	111,15	10	0
SN 2008sl <sup>o</sup>	2008-05-21.000	54607.000	-4.40	3	3300-10800	6.12/12.60	202	22	1.14	...	1800	111,15	10	0
SN 2008sl <sup>m,o</sup>	2008-05-22.000	54608.000	-3.42	3	3300-10800	6.31/12.68	196	17	1.13	4.76	1800	111,15	10	0
SN 2008sl <sup>m,o</sup>	2008-05-26.000	54612.000	0.49	3	3298-10800	4.83/9.63	47	49	1.48	4.14	2802	112,113	10	6
SN 2008sl <sup>o</sup>	2008-05-30.000	54616.000	4.40	3	3300-10800	5.85/12.46	54	54	2.16	2.40	1800	111,114	10	6
SN 2008sl <sup>o</sup>	2008-05-31.000	54617.000	5.38	3	3300-10800	6.01/11.76	216	38	1.23	2.29	1800	111,114	10	6
SN 2008sl <sup>m,o</sup>	2008-06-10.207	54627.207	15.37	3	3300-10800	6/11	85	14	1.13	1.5	882	115	10	3
SN 2008sl <sup>m,o</sup>	2008-06-29.275	54646.275	34.02	3	3300-10700	5.96/10.67	51	52	1.63	1.07	900	116,117,81	10	-5
SN 2008ct <sup>m</sup>	2008-06-29.426	54646.426	...	3	3356-10150	6.27/11.87	133	316	1.15	1.91	2100	116,117,81	10	0
SN 2008db <sup>m</sup>	2008-07-07.491	54654.491	...	3	3376-10588	6/11.59	153	335	1.55	1.8	600	116,66	10	0
SN 2008db	2008-08-08.498	54686.498	...	3	3426-10800	6.76/12.21	189	13	1.43	2.12	900	66,87	11	0
SN 2008db	2008-08-26.422	54704.422	...	3	3314-10750	6.62/11.24	179	2	1.40	1.65	1500	81,87	11	0
SN 2008dx <sup>m</sup>	2008-06-29.219	54646.219	2.46	3	3300-10700	5.98/11.65	64	64	1.18	1.59	1500	116,117,81	10	0
SN 2008dx	2008-07-04.203	54651.203	7.33	3	3366-10152	5.76/11.15	63	63	1.18	2.11	1200	116,117,87	10	0
SN 2008dx <sup>m</sup>	2008-07-07.217	54654.217	10.28	3	3340-10800	6/11.57	64	64	1.26	1.8	1800	116,66	10	0
SN 2008ds <sup>m</sup>	2008-06-29.466	54673.208	28.84	3	3530-10760	5.81/10.70	64	63	1.65	1.64	1500	116,81	11	0
SN 2008ds <sup>m</sup>	2008-06-29.466	54673.208	...	3	3300-10800	6.76/12.59	113	292	1.26	2.10	900	116,117,81	10	0
SN 2008ds	2008-07-04.421	54651.421	...	3	3342-10800	5.41/11.23	115	293	1.45	3.74	900	116,117,87	10	0
SN 2008ds <sup>m</sup>	2008-07-07.476	54654.476	...	3	3308-10800	6/11.51	112	291	1.14	1.8	900	116,66	10	0
SN 2008ds <sup>m</sup>	2008-07-26.377	54673.377	...	3	3390-10780	6.49/11.07	113	292	1.31	2.36	900	116,81	11	0
SN 2008ds	2008-08-26.503	54704.503	...	3	3314-10750	6.16/11.55	67	68	1.09	2.08	1200	81,87	11	0
SN 2008ds	2008-08-31.468	54709.468	...	3	3504-10706	6.16/11.24	62	65	1.05	2.19	1500	117,92	11	0
SN 2008ds	2008-09-07.271	54716.271	...	3	3388-10724	7.51/11.44	112	292	1.25	2.21	1500	39	11	0
SN 2008ds	2008-09-22.372	54731.372	...	3	3400-10400	4.45/12.52	131	326	1.01	2.62	1800	118,87	10	0
SN 2008ds <sup>m</sup>	2008-09-30.294	54739.294	...	3	3408-9268	4.77/12.20	113	294	1.03	1.63	1800	118,87	11	0
SN 2008ds	2008-10-07.279	54746.279	...	3	3410-10098	4.32/10.00	113	294	1.02	2.24	2100	116,87	11	0
SN 2008ds	2008-10-22.215	54761.215	...	3	3428-6400	7.68	110	292	1.05	3.34	4200	119,120,81	11	0
SN 2008dr <sup>m</sup>	2008-06-29.389	54646.389	...	3	3300-10800	6.44/11.54	139	319	1.56	2.83	1200	116,117,81	10	0
SN 2008dr	2008-07-04.364	54651.364	...	3	3342-10800	5.85/10.77	137	317	1.67	2.66	1500	116,117,87	10	5
SN 2008dr <sup>m</sup>	2008-07-07.457	54654.457	...	3	3392-10800	6/11.11	166	351	1.23	1.8	1200	116,66	10	6
SN 2008dr	2008-08-03.000	54681.000	...	5	3568-9250	3.39/7.59	246	67	1.71	2.72	300	104,85,88,96	11	-6

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SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ( <sup>h</sup> )	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2008dr	2008-08-27.363	54705.363	...	5	3268-9240	4.5/5.36	307	309	1.14	1.39	450	100,39	11	0
SN 2008dt <sup>m</sup>	2008-07-07.395	54654.395	9.27	3	3306-10800	6/12.40	64	64	1.34	1.8	1500	116,66	10	6
SN 2008dt	2008-08-01.347	54679.347	33.37	3	3294-10800	6.05/12.02	64	64	1.48	2.58	1500	117,87	10	6
SN 2008dt	2008-09-08.228	54717.228	69.95	3	3430-10744	5.95/11.80	65	64	1.44	1.5	2100	121,81	11	0
SN 2008r3 <sup>m,p</sup>	2008-07-26.184	54673.184	...	3	3358-10718	6/12.18	64	63	1.45	2.27	900	116,81	11	0
SN 2008r3 <sup>P</sup>	2008-08-01.208	54679.208	...	3	3300-10800	6.02/11.69	63	62	1.79	2.59	1200	117,87	10	0
SN 2008ec <sup>m</sup>	2008-07-26.359	54673.359	-0.24	3	3292-10750	6.29/12.16	138	318	1.34	2.41	1200	116,81	11	5
SN 2008ec	2008-08-01.389	54679.389	5.70	3	3294-10800	6.03/11.40	151	331	1.20	1.94	1200	117,87	10	6
SN 2008ec	2008-08-08.313	54686.313	12.51	3	3306-10800	6.67/11.22	135	316	1.40	2.34	1200	66,87	11	0
SN 2008ec	2008-08-26.271	54704.271	30.18	3	3314-10750	6.69/11.11	137	317	1.36	2.10	1500	81,87	11	6
SN 2008ec	2008-08-31.256	54709.256	35.08	3	3760-10756	5.67/12.03	136	317	1.36	2.5	2100	117,92	11	-5
SN 2008ec	2008-09-08.295	54717.295	42.99	3	3430-10790	7.02/12.04	158	339	1.17	1.5	1800	121,81	11	6
SN 2008ec	2008-10-07.343	54746.343	71.58	3	3410-10750	4.37/10.93	208	33	1.32	2	2100	116,87	11	4
SN 2008ee <sup>m</sup>	2008-07-26.416	54673.416	...	3	3376-10790	6.49/11.83	139	320	1.73	4.07	900	116,81	11	0
SN 2008ee	2008-08-26.317	54704.317	...	3	3314-10780	6.63/11.99	137	317	1.89	3.71	1200	81,87	11	0
SN 2008ee	2008-09-07.342	54716.342	...	3	3416-10740	7.52/11.44	150	331	1.43	4.10	1200	39	11	0
SN 2008ei <sup>m</sup>	2008-07-26.314	54673.314	3.29	3	3382-10800	4.80/10.69	109	288	1.17	2.34	1500	116,81	11	0
SN 2008ei	2008-08-01.372	54679.372	9.13	3	3294-10800	5.97/11.94	111	292	1.03	2.18	1500	117,87	10	0
SN 2008ei	2008-08-08.288	54686.288	15.79	3	3444-10106	5.58/10.82	108	288	1.14	1.13	1800	66,87	11	-4
SN 2008ei	2008-08-26.248	54704.248	33.10	3	3314-10750	6.35/11.68	109	288	1.11	2.19	1800	81,87	11	-6
SN 2008er	2008-08-08.474	54686.474	...	3	3306-10800	6.81/10.92	119	249	1.07	2.75	1800	66,87	11	0
SN 2008ez	2008-08-26.167	54704.167	...	3	3310-10700	6.13/12.48	56	55	2.40	2.84	1500	81,87	11	0
SN 2008ey	2008-08-26.393	54704.393	...	3	3330-10742	6.32/10.90	98	278	1.25	1.99	1800	81,87	11	0
SN 2008s3 <sup>q</sup>	2008-09-08.263	54717.263	...	3	3506-10744	7.26/11.90	144	327	1.25	1.5	2100	121,81	11	0
SN 2008s4 <sup>r</sup>	2008-09-08.422	54717.422	...	3	3318-10790	7.19/11.15	173	354	1.58	1.5	1500	121,81	11	0
SN 2008fg	2008-09-07.512	54716.512	...	3	3438-10716	7.12/11.05	38	180	1.00	1.23	1800	39	11	0
SN 2008fj	2008-09-08.200	54717.200	...	3	3414-10800	5.95/11.10	88	87	1.16	1.5	1800	121,81	11	0
SN 2008s5 <sup>s</sup>	2008-09-22.302	54731.302	1.26	3	3400-10400	4.47/12.00	192	19	1.13	2.36	1200	118,87	10	0
SN 2008s5 <sup>m,s</sup>	2008-09-30.235	54739.235	8.96	3	3408-10770	4.72/10.68	165	349	1.10	2.43	1800	118,87	11	0
SN 2008s5 <sup>s</sup>	2008-10-07.245	54746.245	15.76	3	3410-10750	4.34/10.63	184	9	1.12	2.20	1800	116,87	11	0
SN 2008ft <sup>m</sup>	2008-09-30.422	54739.422	...	3	3408-10770	4.75/11.50	200	27	1.15	2.15	1800	118,87	11	0
SN 2008fr	2008-10-07.368	54746.368	...	3	3410-10750	4.33/11.17	182	3	1.10	2.25	1800	116,87	11	0
SN 2008fr	2008-10-22.393	54761.393	...	3	3452-6380	8.99	36	39	1.25	3.04	4200	119,120,81	11	0
SN 2008st	2008-10-07.417	54746.417	...	3	3410-10674	4.37/11.26	184	5	1.21	4.00	1500	116,87	11	0
SN 2008st	2008-10-22.448	54761.448	...	3	3512-6400	9.08	34	34	1.44	2.77	3600	119,120,81	11	0
SN 2008gs	2008-11-07.375	54777.375	...	3	3458-10800	4.54/11.55	30	34	1.53	2.33	2400	119,81	11	0
SN 2008fx	2008-10-07.399	54746.399	...	3	3410-10750	4.31/11.42	167	349	1.03	1.91	2100	116,87	11	0
SN 2008ge	2008-10-27.505	54766.505	...	5	3144-9156	6.48/7	0	1	2.62	1.73	105	1,105,81,87	11	0
SN 2008gh	2008-10-22.505	54761.505	...	3	3490-6374	9.92	65	244	1.10	2.7	4200	119,120,81	11	0
SN 2008gh	2008-11-23.542	54793.542	...	3	3420-8000	4.52/5	168	160	1.07	1.3	2100	39	10	0
SN 2008gt	2008-11-07.210	54777.210	...	3	3458-10800	4.41/11.66	191	14	1.40	1.29	1800	119,81	11	0
SN 2008gt	2008-11-23.176	54793.176	...	3	3420-8000	6.13/5	186	12	1.39	2.16	2100	39	10	0
SN 2008gy	2008-11-23.467	54793.467	...	3	3420-8000	4.59/5	236	57	1.67	3.09	1800	39	10	0
SN 2008gw	2008-11-23.505	54793.505	...	3	3420-8000	4.49/5	224	46	1.64	1.73	1800	39	10	0
SN 2008hk	2008-11-23.578	54793.578	...	3	3420-8000	4.44/5	186	9	1.14	2.05	900	39	10	0
SN 2008ha	2008-11-20.225	54790.225	7.46	3	3478-10800	4.90/11	199	23	1.11	2.76	2400	116,92	9	0

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup> (")	Sec. <sup>i</sup> (")	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
SN 2008ha	2008-11-23.000	54793.000	10.22	3	3418–8074	4.5/5	203	19	1.09	2.49	1800	39	9	0
SN 2008hb	2008-12-05.000	54805.000	22.17	3	3406–10800	4.5/11	168	56	1.27	2.3	5400	71,92	9	0
SN 2008hc	2008-11-23.283	54793.283	...	3	3420–8000	4.77/5	208	30	2.03	1.88	1500	39	10	0
SN 2008hd	2008-12-05.296	54805.296	...	3	3516–10770	4.32/10.07	184	42	3.42	3.64	1500	71,92	11	0
SN 2008he	2008-12-31.156	54831.156	...	3	3450–10700	4.42/10.24	47	24	1.80	1.25	1500	117,87	10	0
SN 2008hf	2008-12-05.423	54805.423	...	3	3498–9914	4.78/11.05	84	231	1.04	2.3	2100	71,92	11	0
SN 2008hg	2008-12-05.534	54805.534	...	3	3482–9900	4.99/11.66	170	353	1.06	2.20	2000	71,92	11	0
SN 2008hh	2008-12-31.235	54831.235	...	3	3450–10700	4.60/11.38	87	85	1.25	1.25	1800	117,87	10	0
SN 2008hi	2008-12-05.484	54805.484	...	3	3406–10770	5.25/12.17	176	358	1.79	2.64	1800	71,92	11	0
SN 2008hj	2008-12-05.326	54805.326	-7.94	3	3406–10770	4.43/11.60	96	94	1.11	2.54	1800	71,92	11	0
SN 2008hk	2008-12-31.326	54831.326	...	3	3452–10700	4.47/10.79	143	142	1.36	1.25	1200	117,87	10	0

<sup>a</sup>If not rounded to the whole day, UT date at the midpoint of the observation.

<sup>b</sup>Modified JD (if not rounded to the whole day, modified JD at the midpoint of the observation).

<sup>c</sup>Phases of spectra are in rest-frame days using the heliocentric redshift and photometry reference presented in the SNe Ia and Host Information Table.

<sup>d</sup>Instruments: (1) UV Schmidt (Shane 3 m), (2) Stover Spectrograph (Nickel 1 m), (3) Kast (Shane 3 m), (4) Palomar Double Spectrograph (Hale 5 m at Palomar Observatory), (5) LRIS (Keck 10 m), (6) ESI (Keck 10 m), (7) R.C. Spectrograph (Kitt Peak 4 m), (8) DEIMOS (Keck 10 m), (9) LDSS-3 (Clay Magellan II 6.5 m).

<sup>e</sup>FWHM spectral resolution as measured from narrow sky emission lines. If we were unable to accurately measure the sky lines, the average resolution for that instrumental setup is displayed (see the Observations Section for more information regarding our instrumental setups and their average resolutions).

<sup>f</sup>Observed position angle during observation.

<sup>g</sup>Average parallactic angle (Filippenko 1982) during the observation.

<sup>h</sup>Airmass at midpoint of exposure.

<sup>i</sup>Approximate atmospheric seeing as measured from the FWHM of the trace of the SN. If we were unable to accurately measure the FWHM of the trace, an estimate by the observers of the average seeing from that night is displayed with only one or two significant figures.

<sup>j</sup>Observers: (1) Alex Filippenko, (2) Joe Shields, (3) Michael Richmond, (4) Charles Steidel, (5) Tom Matheson, (6) Hansen Chen, (7) Luis Ho, (8) Schuyler Van Dyk, (9) Wallace Sargent, (10) Todd Small, (11) Hyron Spinrad, (12) Michael Baker, (13) Rebecca Green, (14) Bruno Leibundgut, (15) Aaron Barth, (16) Andre Martel, (17) Michael Gregg, (18) Art Wolfe, (19) Vince Virgilio, (20) Vesa Junnikarinen, (21) Matt Lehnert, (22) Lee Armus, (23) Xiaoming Fan, (24) Graeme Smith, (25) Chien Peng, (26) Dan Stevens, (27) Doug Leonard, (28) Harding Smith, (29) Adam Burgasser, (30) Saul Perlmutter, (31) Isobel Hook, (32) Nicole Vogt, (33) Jeffrey Newman, (34) Wynn Ho, (35) Andrea Gilbert, (36) Ed Moran, (37) Adam Riess, (38) Ronald Eastman, (39) Maryam Modjaz, (40) Mike Eracleous, (41) Robert Kirshner, (42) Weidong Li, (43) Carlos DeBreuck, (44) Willem van Breugel, (45) Alison Coil, (46) Peter Garnavich, (47) Ryan Chornock, (48) Mark Phillips, (49) Elinor Gates, (50) Michael Swift, (51) Brandon Swift, (52) Ryan Foley, (53) Saurabh Jha, (54) Eliot Quataert, (55) Marina Papenkova, (56) Matthew Bershady, (57) Paul Nandra, (58) Robert Simcoe, (59) Edo Berger, (60) Shrinivas Kulkarni, (61) Chris Fassnacht, (62) Gordon Squires, (63) Brian Barris, (64) Diane Wong, (65) John Graham, (66) Mohan Ganeshalingam, (67) Dan Weisz, (68) Louis Desroches, (69) Deborah Hutchings, (70) Karin Sandstrom, (71) Frank Serduke, (72) Matthew Moore, (73) Harrison Pugh, (74) Jennifer Hoffman, (75) Tommaso Treu, (76) Sandra Faber, (77) Genevieve Graves, (78) Mark Dickinson, (79) David Pooley, (80) Sung Park, (81) Jeffrey Silverman, (82) James Scala, (83) Asher Blum, (84) Katsuki Shimasaki, (85) Joshua Bloom, (86) Katherine Alatalo, (87) Thea Steele, (88) Daniel Perley, (89) Nathaniel Butler, (90) Steven Rodney, (91) Daniel Kocovski, (92) Xiaofeng Wang, (93) Daniel Stern, (94) Michael Cooper, (95) Kai Noeske, (96) Adam Miller, (97) Nicholas Lee, (98) Casey Papovich, (99) Christopher Willmer, (100) Lisa Kewley, (101) Karl Glazebrook, (102) David Gilbank, (103) Dovi Poznanski, (104) Matthew Malkan, (105) Bradley Tucker, (106) Misty Bentz, (107) Jonelle Walsh, (108) Rachel Street, (109) Marton Hidas, (110) Jong-Hak Woo, (111) Carol Thornton, (112) Gabriela Canalizo, (113) Gabe Hiner, (114) Jenny Greene, (115) David Tytler, (116) Christopher Griffith, (117) Robin Mostardi, (118) Vincent Viscomi, (119) Bethany Cobb, (120) Michael McCourt, (121) Matthew George.

<sup>k</sup>Reducers: (1) Tom Matheson, (2) Luis Ho, (3) Aaron Barth, (4) Doug Leonard, (5) Mike Eracleous, (6) Mike Eracleous, (7) Weidong Li, (8) Alison Coil, (9) Ryan Foley, (10) Thea Steele, (11) Jeffrey Silverman, (12) Brandon Swift.

<sup>l</sup>Flux Correction: (0) No correction, (2) Not parallactic, but galaxy subtracted, no contamination, (3) Not parallactic, but galaxy subtracted with contamination, (4) Parallactic and scaled, (5) Parallactic and galaxy subtracted, no contamination, (6) Parallactic and galaxy subtracted with contamination. Negative values indicate that > 5% of the corrected flux is negative.

<sup>m</sup>Observation has unreliable spectrophotometry due to events external to normal telescope operation and data reduction. See Spectrophotometry Section for more information.

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Table 2 — Continued

SN Name	UT Date <sup>a</sup>	MJD <sup>b</sup>	Phase <sup>c</sup>	Inst. <sup>d</sup>	Wavelength Range (Å)	Res. <sup>e</sup> (Å)	P.A. <sup>f</sup> (°)	Par. <sup>g</sup> (°)	Air. <sup>h</sup>	Sec. <sup>i</sup> ('')	Exp. (s)	Observer(s) <sup>j</sup>	Reducer <sup>k</sup>	Flux Corr. <sup>l</sup>
	<sup>n</sup> Also known as SNF20071021-000.													
	<sup>o</sup> Also known as SNF20080514-002.													
	P Also known as ROTSE3 J125642.7+273041.													
	<sup>q</sup> Also known as SNF20080825-006.													
	<sup>r</sup> Also known as SNF20080825-010.													
	<sup>s</sup> Also known as SNF20080909-030.													
	<sup>t</sup> Also known as SNF20080920-000.													