CATALOGUE OF LDE FLARES (1988 - 1989)

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Received 15 September 1989

ABSTRACT. The continuation (July 1988 - January 1989) of the list of geoeffective LDE flares is contained in Table 1. Table 2 gives new data on further LDE flares observed from July 1972 to March 1980. The data in Table 2 refer to a) newly identified weak LDE flares of the SXR class C , b) new flares with SXR duration of 2 hours, c) supplemental data on some of the mightier LDE flares, published earlier.

1. INTRODUCTION

The purpose of this paper is to compile a list of LDE flares for solar activity cycle 22, from Solar Geophysical Data. Table 1 contains the list of LDE flares observed from July 1988 to January 1989 and ties in timewise with the Catalogue of LDE Flares and its Supplements (Antalová 1987, 1988, 1989).

Table 2 presents new data on the LDE flares observed from July 1972 to March 1980 (Cycle 20 and Cycle 21).

The Catalogue of LDE flares (Antalová 1987) had to be supplemented for the following reasons and with regard to these aspects:

a) Adding LDE flares from the time intervals of cycles 20 and 21 (May - July 1974, January - February 1979) for which SXR observations were not available at the time the Catalogue was published.

b) Adding all data for such individual LDE flares, which were not included in

Table 1

Long-decay Soft X-ray flares in the 22nd cycle
(July 1988 - January 1989)

No	Date (mo-day)	Event	Start UT	Dur hr	Group No	Position	Imp	SID	SGD
					1 9 8 8				
134	07 01	Ha	08:23	0.7	5066	S20 W05	1N/C6.9	1/5	533/II
		Ha	09:40	0.1	5060	S14 E10	SN/C1.0		529/I
		SXR	08:23	2.0	B-CSO BGD-FKC	010	C1.0		
135	07 01	Ha	14:50E	0.1D	5066	S18 W10	SF/C1	1-/1	533/II
		Ha	14:58	0.2	5060	S18 E03	SF/C1		529/I
		Ha	15:39E	0.6D	5060	S19 E03	SB/C6.3		
		SXR	15:00	2.0	B-CSO BGD-FKC	010	C2	1-/5	
136	07 02	Ha	00:42	1.2	5066	S19 W12	2B/M3.0	3/3	533/II
		Ha	00:48	1.0	5060	S14 W06	2B/M3.0	IV	529/I
		SXR	00:42	4.0	B-CAO BGD-EKC	010	M3.0		
137	07 03	Ha	13:59	1.1	5062	N12 W18	SN/C7.1	1-/5	533/II
		Ha	15:54	0.5	5062	N13 W19	SF/C8.2	1-/5	529/I
		SXR	13:59	2.0	BD-FKC	350	C7		
138	07 09	Ha	17:03	0.6	5069	N21 E04	SF	---	533/II
		Ha	17:36	0.5	5069	N16 E08	SF		529/I
		Ha	19:04	0.3	5069	N20 E02	SF		
		SXR	17:00	3.0	BG-EHC	250	C1		
139	07 11	Ha	00:29	0.6	5074	S16 E90	1B/M2.7		533/II
		Ha	00:40E	0.1D	5074	S18 E89	1B/M2.7		529/I
	07 10	SXR	22:00	6.0	AP-DHO	160	M1		
140	07 12	Ha	19:09	1.1	5073	N30 E05	SF/C2.4		533/II
		SXR	19:09	2.0	D-DAI	230	C1		529/I
141	07 12	Ha	21:33	0.4	5071	N22 E06	SF	---	533/II
		Ha	23:01	0.6	5071	N24 E05	SF		529/I
		SXR	21:33	2.5	BG-DAI	220	C2		
142	07 13	Ha	00:25	0.4	5075	S22 E69	SN	1+/3	533/II
		Ha	01:03	0.1	5075	S20 E68	SF		529/I
		Ha	01:56	0.2	5075	S23 E66	SF		
		SXR	00:25	3.0	D-FKI	160	C2		
143	07 17	SXR	16:00	2.0	5075	S22 E08	C2	---	533/II

144	07 19	Ha	04:24	0.3	5075	S20 W09	SF	---	533/II
	1988	Ha	07:49	0.3	5075	S24 W23	SN/C7.1	1-/3	529/I
		Ha	10:34	1.1	5075	S24 W23			
		Ha	12:10	0.3	5075	S22 W27/C3.4		1-/3	
		SXR	04:24	7.0	BD-EKC	160	C7		
145	07 24	Ha	06:35	3.0	5094	S20 E60	2N/M2.8	2+/5	533/II
		SXR	06:35	8.0	B-AX	020	M2.8		529/I
		IV	06:42	1.0		m	2		
		II	06:50	0.2		m			
146	07 25	Ha	19:28	1.3	5084	S28 E51	2F/M1.5	1/3	533/II
		SXR	19:28	2.0	B-DAO	360	M1.5		529/I
147	07 27	Ha	11:00	0.7	5084	S20 E28	SF/C5.7	1/3	533/II
		Ha	12:06E	0.1D	5084	S17 E26	SN	1-/1	529/I
		Ha	12:15	0.3	5084	S22 E28	SF/C3.4		
		SXR	11:00	2.0	BG-EKI	360	C3		
148	07 28	Ha	23:25	0.5D	5096	N25 E40	SF/C4.0	1/1	533/II
		SXR	23:00	2.0	B-BXO	330	C4		529/I
149	07 29	Ha	21:31	0.7D	5095	N32 E61	1F/M1.6	1+/3	533/II
		SXR	21:31	2.0	AF-EKI	300	M1.6		529/I
150	07 30	Ha	00:08	0.5	5084	S22 W06	SF	1-/3	533/II
		SXR	00:08	2.5	BD-EKC	360	C6		529/I
151	07 31	Ha	07:11	1.1	5095	N34 E41	1B	3+/5	533/II
		SXR	07:11	2.0	BG-DKI	300	M4		529/I
		II	07:29	0.1			2		
152	08 01	Ha	05:24	1.8	5092	N32 E27	1N	2/5	534/II
		Ha	05:34	1.6	5092A	N35 E27	1N		530/I
		SXR	05:24	2.5	BD-FKI	300	M2		
153	08 01	Ha	23:11	0.2	5085	N12 W48	SF	---	534/II
		Ha	22:48	0.1D	5090	N12 W46	SF		529/I
		Ha	23:34	0.2	5090	N15 W42	SF		
		Ha	23:56	0.3	5090	N11 W47	SF		
		SXR	22:00	2.5	BG-DAI	360	C2		
154	08 02	Ha	17:27	0.6	5092	N31 E10	1B/M1.7	1/3	534/II
		Ha	17:30	0.5	5090	N13 W56	SF/C7.5		530/I
		Ha	18:10	0.6	5085	N15 W66	SF		
		Ha	18:20	0.5	5090	N17 W62	SF/C6.5		
		SXR	17:30	2.0	BG-DKI	360	M2		
155	08 03	Ha	08:29	0.6	5090	N15 W70	2B/C8.3	2/3	534/II
		SXR	08:29	2.0	BG-DAI	360	C8		530/I
156	08 03	Ha	10:08E	1.0D	5090	N16 W63	1B	2/3	534/II
		SXR	10:05	2.0	BG-DAI	360	M1.5		530/I

157	08 03	Ha	20:34E	0.5D	5090	N14 W64	SN	1/3	534/II
	1988	SXR	20:34	2.0	BG-DAI	360	M1.3		530/I
158	08 04	Ha	00:39	0.2	5090	N13 W70	SF	---	534/II
	08 03	SXR	23:00	2.0	BG-DAI	360	C2		530/I
159	08 05	Ha	17:39	0.4	5092	N27 W36	SF	---	534/II
		SXR	17:39	2.0	BG-FKI	300	C1		530/I
160	08 06	SXR	23:27	2.0	5092	N27-300	C3.2	---	534/II
161	08 08	Ha	07:56	0.9	5092	N29 W66	SN	2+/5	534/II
		SXR	07:56	2.0	BG-EAI	300	M1.3		530/I
162	08 10	Ha	07:21	0.2D	5092	N26 W90	1N	2/3	534/II
		SXR	07:21	2.5	B-DAO	300	C7		530/I
163	08 19	Ha	13:36	0.5	5106	N23 W74	1N	1/5	534/II
		SXR	13:36	2.0	B-CSO	160	C8.9		530/I
164	08 23	Ha	08:20	3.7	5122	N16 E31	2N	1+/3	534/II
		SXR	08:20	6.0	BP-BXO	350	C7.2		530/I
165	08 23	Ha	17:57	0.6	5123A	N24 E88	SF	2+/3	534/II
		SXR	17:00	7.0	A-AX	300	M2.4		530/I
166	08 23	Ha	23:05	2.1	5117	N20 W04	SF	---	530/I
		SXR	23:25	2.0	B-CRO	030	C1		534/II
167	08 25	Ha	09:17E	2.0	5117	N20 W22	SF	---	534/II
		Ha	09:17E	0.5	5128	N22 E90	SN		530/I
		SXR	09:00	2.0	BG-DAI	030	C1		
168	08 26	Ha	11:20	0.1	5131	S18 E90	1F	1/5	534/II
		SXR	11:00	2.0	AP-DAO	BG-EKI 260	M1.2		530/I
169	09 01	Ha	18:34	0.2	5128	N20 W11	SF	---	535/II
		SXR	18:34E	1.5	AP	270	C3.1		531/I
170	09 02	Ha	07:53	0.3	5131	S20 E04	SF	1-/3	535/II
		SXR	07:55E	2.0	BG-EKI	260	C3.6		531/I
171	09 20	SXR	23:17	2.0	-	-	C1.3	1-/1	535/II
172	09 22	Ha	10:00	0.8	5156	S15 W03	1B/C3	---	535/II
		Ha	10:11	1.1	5163	N25 E63	1F/C8	1/3	531/I
		SXR	10:00	2.0	B-CSO	360	C4		
173	09 23	Ha	23:56	0.8	5159	N28 E20	SF/C3	1-/1	535/II
	09 24	Ha	00:33	0.3	5158	S34 W08	1F	---	531/I
	09 23	SXR	23:56	2.0	BG-DAI	300	C3.1		
174	09 24	Ha	22:51	0.4	5169	S22 E70	SF/C4.4	1-/1	535/II
	09 25	Ha	00:24	1.1	5169	S17 E67	2N	2+/3	531/I
		SXR	00:24E	4.0	AP-DRO	260	M2.3		
175	09 25	Ha	10:41	1.5	5156	S17 W40	1N	1-/3	535/II
		SXR	10:41	2.0	BP-CSO	360	C2.9		531/I

176	09 26	Ha	02:24	0.9	5158	S37 W35	SF	1-/3	535/II
		SXR	02:24	2.0	AP-HS	355	C6.3		531/I
177	09 27	Ha	02:41	0.2	5159	N29 W26	SF	1-/1	535/II
		SXR	02:41	2.0	BG-ESO	310	C4		531/I
178	09 27	Ha	06:35	0.9	5163C	N20 W00	1N/C4.7	1-/1	535/II
		Ha	07:10	0.4	5171	S28 E68	1N/C5.7	1-/1	531/I
		Ha	07:14	0.8	5169	S22 E45	SF		
		Ha	07:14	0.7	5174B	S30 E63	SN		
		SXR	06:35	2.0	BG-DKI	210	C5		
179	09 27	Ha	16:06	1.2	5171	S28 E66	2B	2-/5	535/II
		SXR	16:06	2.0	BG-DKI	210	M7.9		531/I
180	09 28	Ha	22:32	1.3	5171	S16 E48	2B-3B	3/3	535/II
		SXR	22:55E	6.0	BG-DKO	210	M5.7		531/I
181	09 29	Ha	05:44	1.0	5171	S27 E48	1F	2+/3	535/II
		Ha	07:29	0.3	5171	S28 E55	SF		531/I
		SXR	05:44	2.0	D-EKI	210	M1.1		
182	09 30	Ha	01:40	0.5	5171	S27 E34	SF	1/3	535/II
		SXR	01:40E	2.0	D-EKO	210	C3.8		531/I
183	09 30	Ha	04:55	0.8	5171	S26 E30	1N	1/3	535/II
		SXR	04:55E	2.0	D-EKO	210	C5.7		531/I
184	09 30	Ha	18:57	2.0	5171	S27 E26	2N	1/3	535/II
		SXR	19:00	2.5	D-EKO	210	M1.7		531/I
185	10 01	Ha	11:55	0.8	5171	S27 E16	SN	1-/3	536/II
		Ha	13:05	0.2	5171	S28 E12	SN	---	532/I
		Ha	13:56	0.2	5171	S28 E06	SF	---	
		SXR	11:55	2.0	BGD-EKI	210	C3		
186	10 01	Ha	19:35	0.3	5171	S27 E12	1N	1/3	536/II
		SXR	19:35E	2.0	BGD-EKI	210	C5.4		532/I
187	10 02	Ha	17:28	0.5	5171	S26 E06	SF	2/1	536/II
		SXR	17:28E	2.0	BGD-EKC	210	C4.0		532/I
188	10 03	Ha	13:22E	0.3D	5171	S29 W16	1N/M1.9	2/5	536/II
		SXR	13:22	2.0	BGD-EKI	210	C1		532/I
189	10 03	Ha	14:49	0.9	5171	S27 W17	2B/X3.2	3/5	536/II
		Ha	16:09	0.1	5171	S24 W13	SF	---	532/I
		Ha	17:09	0.2	5171	S23 W57	SF	---	
		SXR	14:53E	3.5	BGD-EKI	210	C2		
190	10 03	Ha	23:22	0.9	5171	S28 W19	2B/X1.1	3/5	536/II
		SXR	23:22E	2.0	BGD-EKI	210	C2		532/I
191	10 04	Ha	02:54	0.5	5171	S26 W24	SF	2+/3	536/II
		SXR	02:54E	2.0	BG-CKO	210	C9.7		532/I

192	10 04	Ha	12:27	0.5	5171	S26 W30	1B	2+/5	536/II
		SXR	12:26	2.0	BG-CKO	210	M1.9		532/I
193	10 05	Ha	06:16	0.5	5171	S30 W38	2B	3/5	536/II
		SXR	06:21E	2.0	BG-DAC	210	M3.3		532/I
194	10 06	Ha	01:22	0.4	5171	S27 W48	SF	2+/3	536/II
		SXR	01:24E	2.5	BG-DHI	210	M1.6		532/I
195	10 06	Ha	16:29	0.8	5171	S28 W54	1N	1-/5	536/II
		SXR	16:29E	2.0	BG-DHI	210	C9.5		532/I
196	10 06	Ha	18:13	1.2	5171	S29 W66	SF	1-/3	536/II
		SXR	18:13E	2.0	BG-DHI	210	C3.0		532/I
197	10 08	Ha	21:49	0.4	5171	S27 W89	1F	1-/3	536/II
		SXR	21:49E	6.0	AP-HS	210	C4.1		532/I
198	10 10	Ha	18:03	0.8D	5175	S19 W47	SN	3-/3	536/II
		SXR	18:03E	2.0	BGD-CKO	150	M2.7		532/I
199	10 15	SXR	01:00	2.5	5193? B-CSO	N24 E15 045	C1	---	536/II
200	10 15	Ha	14:59	0.5	5199B	N23 E41	SF	---	536/II
		SXR	13:03	4.0	A-AX	010	C5.5	1/1	532/I
201	10 16	SXR	06:07	2.0	5193?	B-DAI-045	C2.8	1-/1	536/II
202	10 16	SXR	12:59	2.0	5193	B-DAI-045	C4.3	1-/5	536/II
203	10 17	Ha	04:10	0.1	5200	N19 E88	SF	3/5	536/II
		SXR	04:10E	3.0	B-DKO		M2.3		532/I
204	10 17	SXR	07:00	2.0	5200 B-DKA	N19 E88 300	C8	---	536/II
205	10 17	SXR	10:46	2.0	5200 B-DKO	N19 E85 290	C7.9	2-/5	536/II
206	10 17	Ha	14:08	0.6	5200	N20 E82	SF/M1.0	1/5	536/II
		SXR	14:10	2.0	B-DKO	290	C8		532/I
207	10 17	Ha	16:08	0.1	5200	N20 E84	SF/M2.0	1-/5	536/II
		Ha	16:49	0.3	5190	S20 W44	SF		532/I
		SXR	16:08E	2.5	B-DKO	290	M1		
208	10 17	Ha	23:41	0.5	5200	N17 E83	1N/C7.8	1+/5	536/II
	10 18	Ha	00:34	0.6	5200	N18 E87	1F/M1.6	2+/5	532/I
		SXR	23:41	2.0	B-EKO	300-290	C7.8		
209	10 19	Ha	19:04	1.1	5200	N24 E58	1N	2+/3	536/II
		SXR	19:04	5.0	B-FKI	290	M1		532/I
210	10 20	Ha	06:38E	0.1D	5200	N21 E52	SN	2/3	536/II
		SXR	06:15	2.5	BGD-FKI	290	C9.5		532/I
211	10 22	Ha	08:30	0.2	5200	N18 E13	SN	---	536/II
		Ha	09.40	0.1	5200	N16 E14	SF		532/I
		SXR	08:00	4.0	BGD-FKI	290	C2		

212	10 23	Ha	11:00	0.3	5200	N19 E04	SN/C4.4	1-/5	536/II
		SXR	11:00	3.0	BGD-FKI	290	C2		532/I
213	10 24	Ha	20:03	0.1	5200	N20 W14	SN/C6.0	1-/5	536/II
		Ha	21:15E	1.3	5200	N21 W12	SF	1-/5	532/I
		SXR	20:03E	4.0	BGD-EKI	290			
214	10 27	Ha	18:37	0.6	5212	S18 E88	SF	1+/5	536/II
		SXR	18:37E	2.0	BP	150	M3.9		532/I
215	10 29	Ha	00:28	0.5	5212	S17 E72	SF/C2.9	1-/1	536/II
		Ha	02:27	0.3	5212	S16 E74	SF/C7.3	1+/3	532/I
		Ha	03:27	0.1	5212	S20 E73	SF	---	
		SXR	02:27	2.5	B-CKO	150	C7.3		
216	10 30	Ha	16:06	1.0	5212	S18 E56	SF	---	536/II
		Ha	17:03	0.5	5212	S21 E55	SF	---	532/I
		SXR	16:06	2.0	BG-CKO	150	C3		
217	10 31	Ha	11:52	0.2	5212	S20 E45	SF/C4.5	1-/3	536/II
		SXR	11:52	2.0	BGD-FKI	150	C1		532/I
218	11 01	Ha	10:55	0.4	5218	N11 E82	1N	2+/5	533/I
		SXR	10:55E	1.5	B-ESI	100	M3.4		537/II
219	11 01	Ha	15:25	0.4	5212	S16 E29	SF	2/3	533/I
		SXR	15:25	2.0	BG-EHI	150	C9.2		537/II
220	11 01	Ha	16:39	0.7D	5207	S28 W28	SN	---	533/I
		Ha	17:07	0.6	5218	N11 E76	SF		537/II
		SXR	16:39	3.0	AP-HS	230	C8		
221	11 01	Ha	20:13	1.3	5211	N16 E03	1F	---	533/I
		SXR	20:13E	2.0	B-BXO	170	C2.3		537/II
222	11 01	Ha	21:45	0.3	5218	N12 E76	SN	2/5	533/I
		SXR	21:45E	2.0	B-ESI	100	M1.6		537/II
223	11 02	Ha	12:09	0.9D	5212	S18 E12	1B	1/3	533/I
		SXR	12:09	2.0	BG-EHO	150	C5.4		537/II
224	11 03	Ha	07:41	1.6	5212	S18 E03	1N	1-/5	533/I
		SXR	08:28E	2.0	BGD-FKC	150	C4.4		537/II
225	11 06	Ha	14:00	0.5	5212	S21 W36	SF	1/3	533/I
		SXR	14:00	2.0	BGD-EKI	150	C1		537/II
226	11 06	Ha	18:20	0.6	5212	S20 W39	2B/M4.9	1-/5	533/I
		Ha	20:00	0.5	5212	S22 W39	SF		537/II
		SXR	18:20E	2.0	BGD-EKI	150	M4.9		
227	11 07	Ha	11:03	0.7	5212	S20 W48	1N	3/5	533/I
		SXR	11:05E	3.0	BGD-EKI	150	M3.0		537/II
228	11 08	Ha	12:29	1.7	5218 5222	N17 W07	2N	1-/3	533/I
		SXR	12:28	2.0	BGD-EKI	100	C3.0		537/II

229	11 09	Ha	12:03	0.8	5218	N13 W28	1B/M9.7	3+/5	533/I
		SXR	12:03E	2.5	BGD-EKO	100	C4		537/II
230	11 09	Ha	19:32	0.5	5218	N13 W30	2B/M4.5	2-/5	533/I
		SXR	19:32E	2.0	BGD-EKO	100	C1		537/II
231	11 10	Ha	02:51	0.2	5218	N13 W33	SN	---	533/I
		SXR	02:51	2.0	BG-EKO	100	C1		537/II
232	11 10	Ha	06:02	0.6	5233	N13 E87	2B	3+/5	533/I
		SXR	06:04E	4.0	AP-HS	050	M9.5		537/II
233	11 11	Ha	04:56	0.6	5218	N15 W48	1N	1-/3	533/I
		SXR	05:10E	2.0	BG-EKO	100	C3.2		537/II
234	11 11	Ha	15:12	1.2	5218	N12 W53	1N	1-/5	533/I
		SXR	15:13E	2.0	BG-EKO	100	C6.6		537/II
236	11 12	Ha	11:45E	0.2D	5233	N13 E55	1N	1+/5	533/I
		Ha	11:48	0.7	5229	N34 E44	SN/C7.4		537/II
		Ha	11:59	0.2	5218	N12 W66	SF		
		SXR	11:55U	2.0	BGD-FKI	355	C3		
237	11 12	Ha	16:04	1.0	5229	N35 E44	2B	1/5	533/I
		SXR	16:05E	2.0	BGD-FKI	355	M5.1		537/II
238	11 13	Ha	01:27	1.0	5229	N34 E37	SN	2/3	533/I
		SXR	01:30E	2.5	BGD-FKI	355	C6.0		537/II
239	11 13	Ha	04:50	1.8	5229	N34 E35	1N	3+/5	533/I
		SXR	04:50E	2.5	BGD-FKI	355	M7.0		537/II
240	11 13	Ha	16:28	0.9	5229	N31 E23	1B	1-/5	533/I
		SXR	16:28E	2.5	BGD-FKI	355	M3.4		537/II
241	11 13	Ha	21:48E	1.0	5229	N33 E22	1F	2+/5	533/I
		SXR	20:22	2.0	BGD-FKI	355	M3.8		537/II
242	11 13	Ha	22:47	1.3	5227	S24 W27	1B	2+/3	533/I
		SXR	22:47	2.0	BD-DAO	030	M3.2		537/II
243	11 14	Ha	13:44	2.0	5229	N32 E14	2B	1/5	533/I
		SXR	13:44E	2.0	BGD-FHI	355	M2.2		537/II
244	11 14	Ha	16:44	0.6	5229	N32 E10	1B	1-/5	533/I
		SXR	16:44	2.0	BGD-FHI	355	M3.4		537/II
245	11 14	Ha	19:44	0.7	5240	N22 E62	2B/M4.0	2+/5	533/I
		Ha	20:26	0.5	5241	N26 E79	SF	---	537/II
		SXR	19:44E	2.0	B-CSO	300	C7		
246	11 15	Ha	16:11	1.1	5229	N34 W01	SF	---	533/I
		SXR	16:11E	2.0	BGD-FKI	355	C3.3		537/II
247	11 16	Ha	02:32	0.1D	5229	N33 W12	SF	---	533/I
		Ha	02:28	1.0	5240	N20 E45	1N	1+/3	537/II
		SXR	02:28	2.0	BG-DAO	310	C4.4		

248	11 16	Ha	04:14	0.7	5229	N32 W14	2N	3+/5	533/I
		SXR	04:14	2.0	BG-FKI	355	M4.7		537/II
249	11 16	Ha	14:53	0.7	5240	N20 E38	1N/M2.7	1/5	533/I
		Ha	14:58	0.5	5227	S24 W63	1F		537/II
		SXR	14:53	2.0	BG-DAO	310	M2.7		
250	11 16	Ha	17:18	0.6	5229	N34 W06	SN	2/3	533/I
		SXR	17:18	2.0	BG-FKI	355	M1.1		537/II
251	11 16	Ha	19:57	0.7	5229	N32 W06	1B	1+/3	533/I
		SXR	19:57E	2.0	BG-FKI	355	M1.2		537/II
252	11 16	Ha	21:39	0.7	5229	N32 W17	SB	1/5	533/I
		SXR	21:39E	2.0	BG-FKI	355	C9.4		537/II
253	11 17	Ha	05:41	1.9	5229	N32 W18	SN	1-/3	533/I
		SXR	05:41	2.0	BG-FAI	355	C5.4		537/II
254	11 17	Ha	13:00	1.5	5229	N31 W16	1N	1/5	533/I
		Ha	13:34	1.2	5240	N21 E27	1N	2/5	537/II
		SXR	13:00	2.0	BG-EAI	320	C9.1		
255	11 18	Ha	02:31	0.8	5229	N29 W35	SF	1-/1	533/I
		SXR	02:31	2.0	BG-FKI	355	C1		537/II
256	11 19	Ha	16:45E	0.1D	5229	N34 W75	SF	---	533/I
		SXR	16:45E	3.0	BG-FKI	355	C2		537/II
257	11 20	Ha	16:34	0.6	5241	N26 E00	1N	2-/3	533/I
		SXR	16:34	2.0	B-CSO	310	C6.0		537/II
258	11 21	Ha	22:50	0.7	5235	N15 W55	1N	2/5	533/I
		SXR	22:50	2.0	B-CSO	330	M1.6		537/II
259	11 22	Ha	07:03	0.2	5229	N35 W90	1N	1-/1	533/I
		SXR	07:03	3.0	BF-BXO	355	C2		537/II
260	11 22	Ha	14:15	0.4	5241	N26 W24	SN	---	533/I
		Ha	14:45	0.9	5241	N28 W24	1N		537/II
		SXR	14:53E	3.0	B-ESO	310	C9.3		
261	11 22	Ha	20:54	1.4	5240	N21 W44	SF	---	533/I
		SXR	20:54	2.0	BGD-EAI	310	C3.7		537/II
262	11 24	Ha	21:58	0.7	5254	S20 E87	SN	1+/5	533/I
		SXR	21:58	2.0	BG	140	M1.5		537/II
263	11 26	Ha	05:43	0.7	5249	S31 E07	1N	---	533/I
		SXR	05:50	2.0	AP-HS	230	C2.1		537/II
264	11 26	Ha	10:33	1.1	5240	N23 W90	1F	---	533/I
		Ha	11:24	0.3	5241	N28 W85	SN	---	537/II
		SXR	11:07	3.5	B-CSO	310	C3.4		
265	11 26	Ha	17:10	0.4	5249	S29 E00	SF	---	533/I
		SXR	17:10	2.0	AP-HS	230	C3.0		537/II

266	11 26	SXR	21:27	2.0	5254	S18-145	C7.3	1-/1	533/I
267	11 26	Ha	23:30	1.0	5254	S18 E54	SF	2+/3	533/I
		SXR	23:30	2.0	BG-E	145	M1.2		537/II
268	11 27	Ha	08:01	-	5254	S18 E50	-	2/3	533/I
		SXR	08:01	4.0	BG-E	145	M1.4		537/II
269	11 27	Ha	22:07	1.6	5254	S18 E46	1B	3+/5	533/I
		SXR	22:07	3.0	BG-E	145	M6.5		537/II
270	11 28	Ha	07:29	0.6	5254	S20 E36	1N	1-/1	533/I
		SXR	07:29	2.0	BG-E	145	C4.1		537/II
271	11 28	Ha	23:33	0.2D	5255	N32 E28	SF	---	533/I
		SXR	23:33	3.0	AP-BX	135	C1		537/II
272	12 02	Ha	13:39	0.6	5261	N19 E42	SF	1-/5	534/I
		SXR	13:39E	2.0	B-DAI	100	C5.3		538/II
273	12 06	Ha	22:53	0.7	5261	N18 W16	SF	---	534/I
		SXR	22:53E	2.0	BP-ESO	100	C2.3		538/II
274	12 10	Ha	14:20	2.0	5275	S33 E80	1N	2/5	534/I
		SXR	14:20	3.0	BG-EAI	310	M2.2		538/II
275	12 11	Ha	13:53	1.1	5275	S33 E64	SF	---	534/I
		SXR	13:53	2.0	BG-EAI	310	C2		538/II
276	12 11	Ha	15:43	0.2	5275	S28 E59	SF	---	534/I
		SXR	15:43	2.0	BG-EAI	310	C3		538/II
277	12 13	Ha	01:55E	0.4D	5278	N21 E73	SF	---	534/I
		SXR	01:30E	2.5	BG-EKO	280	M2.0		538/II
278	12 13	Ha	12:06	0.3D	5278	N23 E73	1N	---	534/I
		Ha	12:28E	0.2D	5278	N23 E71	SB		538/II
		SXR	12:06	2.5	BG-EKO	280	C3		536/I
279	12 14	Ha	17:29	0.9	5278	N27 E62	SN	2/3	534/I
		SXR	17:29	2.0	BGD-EKI	280	M1.3		538/II
280	12 15	Ha	00:47E	0.7D	5278	N26 E58	SF	1/3	534/I
		SXR	00:47E	2.5	BD-FKI	280	C6.3		538/II
281	12 15	Ha	04:46	0.4	5280	N28 E64	1N/X1.1		534/I
		Ha	04:45	0.9	5278	N27 E58	2B	3+/5	538/II
		SXR	04:45	3.5	B-DKO BD-FKI	260 280	X1.1		536/I
282	12 16	Ha	01:23	2.3	5274	N 34 W34	2N	1+/1	534/I
		SXR	01:23	4.0	B-DSO	340	C8		538/II
283	12 16	Ha	08:26	1.0	5278	N27 E33	2B	3+/5	534/I
		SXR	08:26	6.0	BGD-DKC	280	X4.7		538/II
284	12 16	Ha	23:41	1.2	5275	S33 W12	2N	1-/1	534/I
		SXR	23:41	2.0	B-CSO	310	C4		538/II

285	12 17	Ha	17:32E	2.6	5272	S14 W35	1B	2+/3	534/I
		SXR	17:32E	2.5	B-CSO	330	M1.5		538/II
286	12 18	Ha	16:51	2.0	5273	S30 W40	2N	1-/5	534/I
		Ha	16:35	0.4	5282	S22 E19	1B/M1.4		538/II
		SXR	16:51	2.0	BD-EKI B-DSO	330 270	X1.1		
287	12 18	Ha	22:08	0.2D	5279	N22 W25	1N	1-/1	534/I
		Ha	23:34	0.3	5271	N11 W67	SF		538/II
		SXR	22:08	2.0	B-EKI B-CSO	305 340	C7.4		
288	12 19	Ha	01:02E	0.8D	5279	N21 W28	1N	2/1	534/I
		SXR	00:30	3.0	B-FKI	305	M1.4		538/II
289	12 19	Ha	18:43	0.4	5285	N21 E67	SN	2/3	534/I
		Ha	19:11	0.3	5285	N20 E69	SF		538/II
		SXR	18:43	2.0	B-DAI	195	M1.2		
290	12 20	Ha	01:50	1.2	5273	S31 W52	2B	2+/3	534/I
		SXR	01:50	2.0	BG-FKO	330	M1.9		538/II
291	12 20	Ha	12:55E	9.2D	5273	S30 W60	SF	3-/5	534/I
		Ha	13:01	0.6	5300A	S18 E90	1B		538/II
		SXR	12:18	3.5	BG-FKO Ø	330 160	M7.3		
292	12 22	Ha	10:52	0.6	5278	N27 W42	1B	1/5	534/I
		SXR	10:52E	2.0	BG-EKC	285	C9.4		538/II
293	12 22	Ha	15:55	0.3	5275	S31 W69	SF	2+/3	534/I
		SXR	15:55E	2.0	B-DAO	310	M1.0		538/II
294	12 22	Ha	23:07	0.8D	5280	N26 W39	1N	3+/3	534/I
		Ha	23:09	3.0	5278	N28 W44	2F		538/II
		SXR	23:07E	3.0	B-CAO BG-EKC	260 285	M5.3		
295	12 23	Ha	08:48	0.3	5275	S33 W88	SF	2/5	534/I
		SXR	08:48	2.0	B-DAO	310	M1.6		538/II
296	12 23	Ha	19:19	1.1	5296A	S16 E63	SF	1+/3	534/I
		SXR	19:19	2.0	A-AX	165	C7.0		538/II
297	12 24	Ha	13:12	0.6	5292	S20 E50	SF	1/5	534/I
		SXR	13:12	2.5	B-EAO	155	M1.5		538/II
298	12 25	Ha	22:26	0.8	5292	S17 E35	1N	1/1	534/I
		SXR	22:26	2.5	BG-EAO	155	C8.2		538/II
299	12 27	Ha	07:47	0.5	5290B	N20 W02	SF	3+/5	534/I
		SXR	07:12	2.5	BP-E	170	M1.9		538/II
300	12 28	Ha	00:24	1.9	5292	S16 E09	1N	2+/3	534/I
		SXR	00:24	3.0	BG-EKI	155	M2.1		538/II
301	12 28	Ha	07:26	0.6	5285	N20 W42	SN	2/5	534/I
		SXR	07:26	2.0	BG-EKO	200	C8.8		538/II
302	12 28	Ha	08:26	0.8	5297	S16 E30	SN	2/5	534/I
		SXR	08:26	2.0	BG-EAI	130	M1.2		538/II

303	12 28	Ha	09:56	0.7	5292	S20 W03	SN	1-/1	534/I
		SXR	09:56	2.0	BG-EKI	155	C4		538/II
304	12 28	Ha	14:22	0.7	5297	S17 E28	SN	1/5	534/I
		SXR	14:22	2.5	BG-EAI	130	M1.3		538/II
305	12 28	Ha	18:19	1.3	5297	S16 E25	1N	2-/3	534/I
		SXR	18:19	2.0	BG-EAI	130	M1.4		538/II
306	12 29	Ha	11:54	2.9	5292	S21 W16	1N	2-/5	534/I
		Ha	14:21E	0.8D	5292	S17 W21	SF		538/II
		SXR	11:54	4.5	BGD-EAI	155	M2.2		
307	12 30	Ha	17:25	2.2	5292	S20 W31	3B	2/3	534/I
		SXR	17:25	2.5	BG-EAI	155	X1.4		538/II
308	12 31	Ha	03:54	-	5292	S16 W42	-	1+/3	534/I
		SXR	03:54	2.0	BG-EAI	155	C4.8		538/II
309	12 31	Ha	21:14	0.1D	5303	S19 W01	SF	---	534/I
		SXR	20:30	2.0	B-DAI	115	C5.0		539/II
310	01 01	Ha	00:01E	0.3D	5290	N20 W58	SF	1+/1	539/II
		SXR	00:01E	2.0	BG-DAI	175	C8.1		535/I
311	01 01	Ha	06:08	0.8	5292	S20 W53	1N	3-/5	539/II
		SXR	06:08	2.0	BG-EAI	155	M1.4		535/I
312	01 02	Ha	09:22	1.5	5303	S18 W30	1N	1-/5	539/II
		SXR	09:22	2.0	B-DAI	115	C8.5		535/I
313	01 02	Ha	18:04E	0.1D	5303	S19 W28	SF	3-/3	539/II
		SXR	18:50	5.0	B-DAI	115	M2.2		535/I
314	01 04	Ha	16:03	3.4	5303	S20 W60	1N/C8.4	2/3	539/II
		Ha	18:07E	2.0	5303	S20 W58	1N		535/I
		SXR	16:03	5.0	BG-EKI	115	M4.7		
315	01 06	Ha	17:59	1.0	5312	S34 E78	1N	1-/5	539/II
		SXR	17:56	2.0	B-EKO	300	M8.9		535/I
316	01 06	Ha	23:19	0.2	5301	S18 W69	SF	2-/1	539/II
	01 07	Ha	00:51	1.2	5301	S17 W69	SB		535/I
	01 06	SXR	22:51	2.0	B-DAO	090	M1.1		
317	01 07	Ha	02:36	0.1	5301	S19 W74	SF	2-/3	539/II
		SXR	02:36	2.0	B-DAO	090	C8.9		535/I
318	01 07	Ha	04:12	0.3	5312	S34 E78	1F	3+/5	539/II
		SXR	04:12	2.0	BGD-FKC	300	X1.1		535/I
319	01 07	Ha	21:25	0.7	5315	N28 E35	SF	1+/5	539/II
		SXR	21:25	2.0	A-AX	350	M1.6		535/I
320	01 08	Ha	12:27	1.0	5312	S32 E58	1N	3-/5	539/II
		SXR	12:27	2.0	BGD-EKI	300	M7.5		535/I
321	01 08	Ha	17:04	-	5312	S32 E58	-	1-/5	539/II
		SXR	17:04	2.0	BGD-EKI	300	M5.6		535/I

322	01 08	Ha	23:25	0.6	5312	S33 E55	SN	3/5	539/II
		SXR	23:25	2.0	BGD-EKI	300	M4.0		535/I
323	01 09	Ha	01:00	1.3	5313	N29 E20	2B	2+/5	539/II
		SXR	00:53	2.5	A-AX	350	M3.2		535/I
324	01 09	Ha	04:58E	0.6D	5325A	S30 E47	SN	3+/5	539/II
		SXR	04:58E	2.0	A-AX	300	M2.0		535/I
325	01 09	Ha	06:32	2.4	5311	S16 E28	1N	2+/5	539/II
		Ha	07:45	1.3	5311	S14 E25	SN		535/I
		SXR	06:32	4.0	BG-EAI	330	M2.1		
326	01 09	Ha	13:54	0.1D	5305	N13 W13	SF	1+/5	539/II
		SXR	13:54	2.0	BG-FKO	010	M1.0		535/I
327	01 09	Ha	16:16	0.8	5312	S32 E43	SF	1-/5	539/II
		SXR	16:16	2.0	BGD-FKC	300	M1.3		535/I
328	01 09	Ha	19:14	1.8	5312	S32 E44	1B	2-/5	539/II
		SXR	19:14	3.5	BGD-FKC	300	M8.3		535/I
329	01 10	Ha	00:21	1.8	5325A	S30 E38	1N	3-/5	539/II
		SXR	00:21	2.5	BGD-FKC	300	M3.0		535/I
330	01 10	Ha	04:45	0.3	5325A	S29 E36	SF	3-/5	539/II
		SXR	04:45	2.0	BGD-FKC	300	M1		535/I
331	01 10	Ha	05:49	0.3	5316	S31 E61	1F	1/1	539/II
		SXR	05:49	2.0	AP-CSO	260	M1.4		535/II
332	01 10	Ha	06:22	1.0	5312	S35 E42	SB	2+/5	539/II
		SXR	06:22	3.0	BGD-FKC	300	M3.6		535/I
333	01 10	Ha	17:46	0.7	5312	S35 E37	SN	1-/5	539/II
		SXR	17:46	2.0	BGD-FKC	300	M2.6		535/I
334	01 10	Ha	18:55	1.5	5315	N31 W01	SF	1-/5	539/II
		SXR	18:55	2.0	A-AX	350	M1.6		535/I
335	01 10	Ha	20:20	1.1	5312	S31 E30	1B	2+/5	539/II
		SXR	20:20	3.0	BGD-FKC	300	X1.4		535/I
336	01 11	Ha	00:50	0.8	5312	S34 E34	SN	2+/5	539/II
		SXR	00:50	2.0	BGD-FKI	300	M2.1		535/I
337	01 11	Ha	02:44	0.5	5317	N19 E66	SF	1-/3	539/II
		SXR	02:44	2.0	BF-EAI	250	C7.6		535/I
338	01 11	Ha	04:28	1.9	5315	N32 W08	2N	2/5	539/II
		SXR	04:28	2.0	B-BXO	350	M1.0		535/I
339	01 11	Ha	06:26	0.6	5312	S32 E29	1N	3-/5	539/II
		SXR	06:26	3.0	BGD-FKI	300	M1.9		535/I
340	01 11	Ha	15:29	1.0	5312	S33 E28	SN	1-/5	539/II
		SXR	15:29	2.0	BGD-FKI	300	M1.2		535/I

341	01 11	Ha	22:47E	0.7D	5317	N19 E58	1N	2-/5	539/II
		SXR	22:29	2.0	BF-EAI	250	C8.9		535/I
342	01 12	Ha	04:17	0.8	5312	S34 E18	1N	2+/3	539/II
		SXR	04:17	2.0	BGD-FKI	300	M1.4		535/I
343	01 12	Ha	20:29E	1.8	5317	N20 E44	1N	1-/5	539/II
		SXR	20:14	4.0	B-CAO	250	M4.7		535/I
344	01 13	Ha	00:03	1.4	5312	S30 E03	SF	---	539/II
		SXR	00:03	2.0	BGD-FKI	300	M1.5		535/I
345	01 13	Ha	03:51	0.4	5312	S34 E06	1N	3/5	539/II
		SXR	03:51	2.0	BGD-FKI	300	M2.1		535/I
346	01 13	Ha	08:29	1.8	5312	S31 W07	1N	2-/5	539/II
		Ha	08:29	3.1	5312	S31 W02	1B	2-/5	535/I
		SXR	08:29	4.5	BGD-FKI	300	X2.3		
347	01 13	Ha	12:08	2.0	5312	S32 W03	1B	2+/5	539/II
		SXR	12:08	3.0	BGD-FKI	300	M9.2		535/I
348	01 13	Ha	16:18E	2.7	5312	S30 W07	1N	1+/5	539/II
		SXR	16:18	3.0	BGD-FKI	300	M6.1		535/I
349	01 13	Ha	18:59	2.5	5312	S31 W10	1N	1/3	539/II
		SXR	18:59	2.5	BGD-FKI	300	M1.6		535/I
350	01 13	Ha	22:03	2.1D	5312	S33 W08	1N	2/5	539/II
		SXR	22:03	2.5	BGD-FKI	300	M2.8		535/I
351	01 14	Ha	02:17	0.5	5312	S33 W10	SF	2+/5	539/II
		SXR	02:17	2.0	BGD-FKC	300	M1.0		535/I
352	01 14	Ha	02:53	1.5	5312	S32 W12	1N	3-/5	539/II
		SXR	02:53	2.0	BGD-FKC	300	M6.2		535/I
353	01 14	Ha	04:00	0.7D	5312	S33 W10	2B	3+/5	539/II
		SXR	04:00	4.0	BGD-FKC	300	X2.1		535/I
354	01 14	Ha	21:18E	0.5D	5312	S31 W24	SF/M2.4	2/5	539/II
		Ha	21:45	1.4	5312	S29 W26	1B		535/I
		SXR	21:18	3.0	BGD-FKC	300	X1.1		
355	01 14	Ha	23:45	1.6	5312	S32 W20	SF	2-/1	539/II
		Ha	23:42	1.0	5311	S15 W46	1F		535/I
		SXR	23:45	2.0	BGD-FKC B-CSO	300 325	M1		
356	01 15	Ha	03:29	2.4	5312	S31 W23	SN	2/3	539/II
		SXR	03:29	2.5	BGD-FKC	300	M1		535/I
357	01 15	Ha	11:50	0.1	5312	S32 W29	SF/C7.0	1-/3	539/II
		Ha	12:38	0.8	5312	S32 W30	SF	1-/5	535/I
		SXR	11:50	2.0	BGD-FKC	300	M1.0		
358	01 15	Ha	12:51	0.6	5317	N22 E04	SF	1-/5	539/II
		SXR	12:51	2.0	BG-EKC	265	C9		535/I

359	01 15	Ha	15:15	1.3	5312	S31 W34	1N	2-/3	539/II
		SXR	15:15	2.5	BGD-FKC	300	M4.5		535/I
360	01 15	Ha	19:31	1.0	5312	S32 W31	SF	---	539/II
		SXR	19:31	2.0	BGD-FKC	300	C9		535/I
361	01 16	Ha	03:07	0.8	5312	S31 W40	1N	3-/5	539/II
		SXR	03:07	2.0	BGD-FKC	300	M1.7		535/I
362	01 16	Ha	07:21	0.8	5312	S25 W32	SN	1-/1	539/II
		Ha	07:23	0.3	5311	S16 W66	1N		535/I
		SXR	07:21	2.0	BGD-FKC AP-EAO	300 325	M1		
363	01 16	Ha	08:25	1.3	5312	S30 W37	SN	2/5	539/II
		SXR	08:25	2.5	BGD-FKC	300	M2.1		535/I
364	01 16	Ha	11:08	1.7	5312	S31 W40	1N	2+/5	539/II
		SXR	10:51	4.0	BGD-FKC	300	M5.1		535/I
365	01 16	Ha	15:04	1.9	5312	S32 W42	SF	1/5	539/II
		SXR	15:04	2.5	BGD-FKC	300	M1.8		535/I
366	01 16	Ha	22:02	-	5312	S32 W45	-	3-/5	539/II
	01 17	Ha	00:11E	0.8D	5312	S32 W44	SN		535/I
	01 16	SXR	22:02	2.0	BGD-FKC	300	M7.2		
367	01 17	Ha	02:19	0.2D	5317	N21 W12	SN	1-/1	539/II
		SXR	02:19	2.0	BGD-EKC	265	C7		535/I
368	01 18	Ha	00:36	0.7	5317	N26 W32	SF	1-/1	539/II
		SXR	00:36	2.0	BGD-FKI	265	C5.2		535/I
369	01 18	Ha	06:06	2.2	5312	S31 W67	1N	3+/5	539/II
		Ha	07:02	1.9	5312	S30 W65	1F		535/I
		SXR	06:06	4.0	BGD-FKC	300	X1.4		
370	01 18	Ha	08:49	0.8	5312	S29 W67	SN	3+/5	539/II
		SXR	08:49	3.0	BGD-FKC	300	M9.0		535/I
371	01 18	Ha	18:04	2.5	5317	N26 W23	3B	1+/5	539/II
		SXR	18:04	2.5	BGD-FKI	265	M9.6		535/I
372	01 19	Ha	01:08	1.1	5326	S28 E78	SF	1-/1	539/II
		Ha	01:23	1.0	5316	S31 W52	1F		535/I
		SXR	01:08	2.0	BP-CRO AF-AX	150 270	C7		
373	01 19	Ha	02:36	1.1	5317	N20 W42	1N	1-/1	539/II
		SXR	02:36	2.0	BGD-FKC	265	C5		535/I
374	01 20	Ha	01:18	0.9	5320	S20 W50	1N	1-/3	539/II
		SXR	01:18	2.0	BP-DAO	245	C3		535/I
375	01 20	Ha	14:32	0.3	5317	N19 W57	SF/C5.5		539/II
		Ha	15:06	1.7	5317	N20 W58	SN		535/I
		SXR	14:32	2.5	BGD-FKC	265	M1		
376	01 20	Ha	15:28	1.1	5321	N19 W36	1F	2+/5	539/II
		SXR	15:28	2.0	BP-DAO	240	M8.4		535/I

377	01 21	Ha	16:10	0.5	5317	N18 W75	SF	---	539/II
		SXR	16:10	2.5	BGD-FKI	265	C5		535/I
378	01 21	Ha	19:23	0.2	5317	N26 W78	SF	---	539/II
		SXR	19:23	2.0	BGD-FKI	265	C8		535/I
379	01 22	Ha	02:04	0.8	5329	N15 E62	1F	1/1	539/II
		SXR	02:04	2.0	B-EKI	110	C9		535/I
380	01 22	Ha	09:47	0.7	5329	N17 E54	1B	3-/5	539/II
		SXR	09:47	2.5	B-EKI	110	M2.4		535/I
381	01 23	Ha	00:54	1.5	5329	N15 E48	2N	2/5	539/II
		SXR	00:54	3.0	BG-FKI	110	M1.6		535/I
382	01 23	Ha	21:37	-	5329	N15 E48	-	1-/5	539/II
		SXR	21:37	2.0	BG-FKI	110	M1.2		535/I
383	01 23	Ha	22:33E	2.0	5329	N18 E33	1N	1-/1	539/II
		SXR	22:33	2.5	BG-EKI	110	C7		535/I
384	01 24	Ha	10:05	1.9	5324	N24 W05	SF	1-/1	539/II
		SXR	10:05	4.0	AP-HR	160	C6.7		535/I
385	01 24	Ha	22:43	1.5	5329	N17 E22	SF	2/5	539/II
		SXR	22:43	2.5	BG-FKI	110	M1.2		535/I
386	01 25	SXR	03:53	2.0	-	-	C3.3	1-/3	539/II
387	01 25	Ha	14:05	0.8	5330	S21 E52	SN/C4	1-/5	539/II
		Ha	14:49	1.1	5330	S20 E48	SN	1+/5	535/I
		SXR	14:05	2.5	BG-FKI	090	M2.1		
388	01 25	Ha	23:36	1.5	5329	N17 E08	SF	2/3	539/II
		SXR	23:26	2.0	BG-FKI	120	C4.6		535/I
389	01 26	Ha	04:19	1.7	5329	N18 E04	2B	3+/5	539/II
		SXR	04:19	3.5	BG-FKC	115	M2.8		535/I
390	01 26	Ha	23:50	0.7	5334	S22 E73	1N	3/5	539/II
		SXR	23:50	2.0	B-EKI	040	M3.2		535/I
391	01 27	Ha	03:13	0.8	5330	S20 E32	1N	3/5	539/II
		SXR	03:13	2.5	BG-FAI	090	M1.6		535/I
392	01 27	Ha	19:08	1.9	5330	S19 E17	2B	2-/5	539/II
		SXR	19:08	3.0	BG-FAI	090	X1.1		535/I
393	01 28	Ha	02:48	0.4	5329	N16 W23	SN	1-/3	539/II
		SXR	02:48	3.0	BG-FKI	115	C3		535/I
394	01 28	Ha	11:55	1.7	5329	N16 W25	1N	1/3	539/II
		SXR	11:55	2.5	BG-FKI	115	C3.8		535/I
395	01 28	Ha	21:38E	0.5D	5334	S22 E49	1B	2/5	539/II
		SXR	21:38	2.5	B-EAI	040	M1.7		535/I
396	01 29	Ha	10:47	1.5	5330	S19 W04	SF	2/5	539/II
		SXR	10:47	2.5	BG-FAI	090	M1		535/I

397	01 30	Ha	01:52	0.5	5324	N25 W74	SF	1/3	539/II
		SXR	01:52	4.0	A-AX	160	C9.5		535/I
398	01 30	Ha	11:07	2.6	5334	S22 E07	2N	3/5	539/II
		Ha	12:00	0.5	5330	S21 W27	1N		535/I
		SXR	11:07	3.0	BGD-EAI BG -FAI	040 090	M7.5		
399	01 31	Ha	17:32	1.4	5334	S22 E08	1N	2/5	539/II
		Ha	17:34	0.5	5329	N16 W68	1N		535/I
		SXR	17:32	2.0	BD-EAI BG-FAI	040 115	M1.3		
400	02 01	Ha	01:46	0.8	5334	S21 E02	SN	3-/5	540/II
		SXR	01:46	2.0	BGD-EAI	055	M1.4		536/I
401	02 01	Ha	05:02	0.2	5329	N20 W73	1F	2-/3	540/II
		SXR	05:02E	2.0	B-CAO	095	C5.3		536/I
402	02 01	Ha	07:38	0.9	5334	S22 W02	SN	2-/5	540/II
		SXR	07:38	2.0	BGD-EAI	055	C6.4		536/I
403	02 01	Ha	09:25	2.3	5334	S21 W05	1N	2/3	540/II
		SXR	09:25	2.5	BGD-EAI	055	M3.9		536/I
404	02 02	Ha	13:04	0.1	5329	N20 W88	SF	---	540/II
		SXR	13:04	2.0	A-AX	095	C3		536/I
405	02 02	Ha	17:26	0.5D	5334	S22 W19	1N	2+/3	540/II
		SXR	17:26	2.0	BG-EAO	055	M1.0		436/I
406	02 03	Ha	01:00	0.2	5336	S21 W87	SF	1-/1	540/II
		SXR	00:49	2.0	A-HS	095	C4.1		536/I
407	02 03	SXR	03:00	2.0	-	-	C5	2+/5	540/II
408	02 03	Ha	07:59	0.5	5349	N23 E00	SN	1-/1	540/II
		SXR	07:59	2.0	B-CS0	030	C3		536/I
409	02 03	Ha	14:08	0.3	5330	S20 W72	SF	2/5	540/II
		SXR	14:08	3.0	B-BX0	085	M3.0		536/I
410	02 03	Ha	15:40	0.4	5330	S18 W73	SF	-	540/II
		SXR	16:03	3.0	B-BX0	085	M1.1		536/I
411	02 04	SXR	00:05	2.0	5354	N29 E73	C9.9	1+/3	540/II
412	02 04	Ha	06:12	0.1	5354	N34 E90	1N	1+/3	540/II
		SXR	05:27	2.0	B-DKI	270	C6.9		536/I
413	02 04	Ha	09:50	-	5354	N29 E73	-	3+/5	540/II
		Ha	13:41	0.1	5354	N28 E79	SF		536/I
		SXR	09:50	6.0	B-EK0	270	X1.5		
414	02 05	Ha	10:36	1.5	5354	N27 E63	1N	1-/5	540/II
		SXR	10:36	3.0	BGD-FKC	270	C6		536/I
415	02 05	Ha	18:02	2.0	5354	N29 E68	1N	1-/1	540/II
		SXR	18:02	2.0	BGD-FKC	270	C3.4		536/I

416	02 06	Ha	02:12	0.4	5354	N30 E67	1N	3-/5	540/II
		SXR	02:12	2.0	BGD-FKC	270	M1.1		536/I
417	02 06	Ha	09:19	0.3	5354	N30 E59	SF	3+/5	540/II
		SXR	09:19E	2.0	BGD-FKC	270	M1.2		536/I
418	02 06	Ha	16:16	0.1	5354	S20 W73	SF	2/5	540/II
		SXR	16:42	2.0	BGD-FKC	270	M2.1		536/I
419	02 07	Ha	18:38	0.8D	5355	N20 E61	SF	2+/1	540/II
		SXR	18:38	2.5	AP-DAO	250	C9.9		536/I
420	02 08	Ha	04:15	0.2	5354	N32 E38	1F	1/3	540/II
		SXR	03:22	2.0	BGD-FKC	270	C3.9		536/I
421	02 08	Ha	19:00	3.5	5354	N30 E27	2B	2+/5	540/II
		SXR	19:53	8.5	BGD-FKC	270	M9.8		536/I
422	02 09	Ha	12:51	1.2	5354	N30 E28	1B	2/5	540/II
		Ha	12:53	1.2	5355	N21 E39	2B		536/I
		SXR	12:51	4.5	BGD-FKC BGD-DKO	270 250	X3.9		537/I
423	02 10	Ha	04:07	1.9	5355	N20 E31	3B	3+/5	540/II
		Ha	04:38	0.3	5354	N29 E22	SF		536/I
		Ha	05:14E	1.2	5354	N26 E12	1B		537/I
		SXR	04:07	3.5	BD-DSO BGD-FKC	250 270	X1.8		
424	02 10	Ha	12:12	2.3	5356	S17 E50	1N	1-/1	536/I
		SXR	12:12	3.5	BG-EKO	240	M1		540/II
425	02 11	Ha	11:32	2.1	5355	N22 E13	2N	1/5	540/II
		Ha	12:17	1.3	5354	N28 W04	SF		536/I
		SXR	11:39	2.5	BG-DRI BGD-FKC	250 280	M2.9		537/I
426	02 11	Ha	16:18	0.7	5357	N17 E36	SF	1+/5	540/II
		SXR	16:18E	3.0	B-DAI	225	C6.5		536/I
427	02 13	Ha	23:30	0.4	5356	S17 E06	1F	1-/1	540/II
	02 14	Ha	00:10	0.5	5334	N27 W59	SN		536/I
		SXR	23:30E	2.0	BG-FKI BGD-FKC	230 280	C6.3		537/I
428	02 14	Ha	04:39	1.4	5354	N32 W38	1N	3/5	540/II
		SXR	04:39	2.0	BGD-FKI	270	M2.0		536/I
429	02 14	Ha	06:20	1.1	5354	N26 W46	1N	2+/5	540/II
		Ha	07:03	0.9	5354	N30 W41	1N		536/I
		SXR	06:20	2.0	BGD-FKI	280	M1		537/I
430	02 15	Ha	01:15	0.4	5355	N22 W30	1N	1-/1	540/II
		SXR	01:15	3.0	B-BXO	260	C3		536/I
431	02 16	Ha	03:40	1.5	5362	N22 E26	2N	3-/5	540/II
		SXR	03:40	2.5	BG-EAO	180	M2.2		536/I
432	02 16	Ha	04:24	0.3	5354	N26 W69	SF	3+/5	540/II
		SXR	04:24E	2.0	BG-FKI	280	M3.5		536/I

Table 2

Supplement of the LDE flares in the 20th cycle

No	Suppl No	Date (mo-day)	Event	Start UT	Dur hr	Group No	Position	Imp	SID	SGD
					1 9 7 2					
01	429_9	07 29	Ha	15:47	0.2	11974	S20 E34	SF	---	337/I
			SXR	15:00	2.0	BP	062	C2		341/II
02	429_{10}	07 29	Ha	18:39	0.3	11974	S19 E34	SB	1-/5	337/I
			SXR	18:39	2.0	BP	062	C2		341/II
03	429_{11}	07 30	Ha	16:08	0.5	11970	S15 W05	SF	1-/5	337/I
			Ha	16:04E	0.1D	11976	N11 E70	SN		341/II
			SXR	16:08	2.0	AP/D	085-010	C1		
04	430_1	08 01	Ha	01:41	0.4	11976	N12 E49	SB	1-/1	338/I
			SXR	01:23	2.0	D	010	C8.3		342/II
05	430_2	08 01	Ha	07:00	0.8	11976	N13 E47	SN	1+/5	338/I
			Ha	06:08	1.9	11976	N13 E51	SB	C3.7	342/II
			SXR	06:08	2.5	D	010	M1.8		
06	430_3	08 01	Ha	08:58	1.2	11976	N12 E46	1N	1/1	338/I
			Ha	09:20	2.9	11976	N13 E45	1B	2/3	342/II
			SXR	08:58	2.0	D	010	M3.3		
07	430_4	08 01	Ha	12:53E	0.6D	11976	N16 E45	SN	---	338/I
			SXR	12:53E	2.0	D	010	C7		342/II
08	430_5	08 01	Ha	16:58	0.9	11976	N13 E42	SN	1-/1	338/I
			SXR	16:58	2.0	D	010	C6		342/II
09	430_6	08 01	Ha	23:18	1.0	11976	N12 E32	SN	1-/1	338/I
			SXR	22:16	2.0	D	010	C5.3		342/II
10	430_7	08 02	SXR	00:47E	2.0	11976?	N12-010	C4.5	1-/1	342/II
	431	08 02	Ha	03:36E	2.5	11976	N12 E34	3N		342/II
			Ha	03:16	1.8	11976	N13 E35	1B	3/5	338/I
			Ha	05:05	2.9	11976	N13 E35	2B		
			Ha	06:05	1.1	11976	N14 E34	1N		
			SXR	02:54	10.0	D	010	X1.8		
	432	08 02	Ha	19:58	3.6	11976	N14 E28	2B	2/5	342/II
			Ha	22:48	2.4	11976	N12 E25	1B		338/I
			SXR	19:58	12.0	D	010	X1.5		
11	432_1	08 03	Ha	15:03	0.4	11970	S12 W57	SN	1+/5	342/II
			SXR	15:03	2.0	AP	085	C7.6		338/I

12	432_2	08 03	Ha	21:44E	0.5D	11976	N13 E12	SB	---	338/I
			SXR	21:44	2.0	D	010	C3		342/II
	433	08 04	Ha	05:27	0.8	11976	N15 E09	SF	1+/3	338/I
			Ha	06:17	2.8	11976	N14 E08	3B	3/5	342/II
			Ha	07:40	2.3	11976	N13 E08	2B		
			Ha	08:15	3.3	11976	N12 E06	2N		
			Ha	08:58	1.8	11976	N15 E06	1B	1-/1	
			SXR	05:27	12.0	D	010	X4.6		
13	433_1	08 05	Ha	01:02	0.1	11976	N12 W04	SF	---	338/I
			Ha	01:20E	0.4D	11976	N09 W02	SN		342/II
			Ha	02:34	0.2	11976	N14 E19	SF		
			SXR	01:02	2.5	D	010	C1		
14	433_2	08 07	Ha	03:49	0.9	11976	N14 W30	1+/5	1B	338/I
			Ha	04:06	1.0	11976	N17 W30	1B	1-/1	342/II
			SXR	03:48	2.0	D	010	M1.1		
15	433_3	08 07	Ha	10:19	0.1	11876	N18 W37	SF	---	338/I
			Ha	10:32	0.5	11976	N13 W35	1F	---	342/II
			Ha	10:55	0.8	11976	N15 W34	1N	1+/3	
			SXR	10:19	2.0	D	010	C6.8		
16	433_4	08 07	Ha	12:00	0.5	11976	N13 W34	1B	1+/5	338/I
			Ha	13:28	1.0	11976	N17 W35	SF	1-/1	342/II
			SXR	12:15	2.0	D	010	C6.8		
	434	08 07	Ha	14:49	2.5	11976	N14 W37	3B	1-/1	338/I
			Ha	14:45	2.1	11976	N14 W37	1B	1/1	342/II
			SXR	14:36E	12.0	D	010	X4.6		
17	434_1	08 08	Ha	21:28	0.4	11979	S10 W70	SB	1+/5	338/I
			SXR	21:28	2.0	AP	030	M1.2		342/II
18	434_2	08 09	Ha	22:19	0.1	11976	N13 W66	SN	---	338/I
			Ha	22:43E	0.1D	11979	S10 W85	SN	1-/3	342/II
			SXR	22:19	2.0	11986?	x	C5		
	435	08 10	SXR	02:33	1.0	11976?	N - 010	C3	---	338/I
			Ha	03:27	0.1	11976	N18 W72	SF	---	342/II
			SXR	02:59	2.0	D	010	C5.3		
19	435_1	08 10	SXR	05:44	2.0	AP	030	C6.0	---	338/I
			Ha	07:30	3.7	11987	N16 W48	SN	---	342/II
			Ha	08:01	1.9	11979	S09 W90	SB		
20	435_2	08 10	Ha	23:06	0.1D	11976	N11 W88	SN	1-/1	338/I
		08 11	Ha	01:04	0.4	11976	N10 W90	1N	1-/1	342/II
			SXR	23:06	2.5	D	010	C9.0		
	436	08 11	Ha	12:17	0.8	11976	N14 W90	1B	2-/5	338/I
			Ha	12:34	0.4	11976	N12 W90	1B	2/5	342/II
			Ha	12:52	0.3	11976	N10 W90	2B		
			SXR	12:16	6.0	D	010	M8.1		

21	436_1	08	12	Ha	07:10	0.6	11987	N15 W76	SN	1/3	338/I
				Ha	08:03	0.8	11987	N14 W77	SN	1-/3	342/II
				SXR	07:10	2.0	B	342	C4.5		
22	436_2	08	12	Ha	09:03E	0.3D	11976	N12 W90	SN	---	338/I
				SXR	09:03	2.0	D	010	C1		342/II
23	436_3	08	12	SXR	14:32	2.0	11987	N15-342	M2.1	2/5	342/II
24	436_4	08	12	SXR	15:20	2.0	11987	N15-342	C3.7	---	342/II
	437	08	12	SXR	20:49E	4.0	11987	N15-342	C7.6	---	342/II
25	437_1	08	13	Ha	03:53	0.7	11987	N13 W90	1N	1-/1	338/I
				SXR	01:54	2.5	B	342	C3.7		342/II
26	437_2	08	13	Ha	05:35E	2.5	11987	N13 W90	SF	---	338/I
				SXR	05:35	5.0	B	342	C3		342/II
				Ha	09:48	0.2D	11987	N13 W90	SF	---	
27	437_3	08	14	Ha	06:35	0.4	11992	S09 E64	SF	1-/1	338/I
				SXR	01:00	5.5	AP	191	C1		342/II
28	437_4	08	14	Ha	17:30	0.1	11993	S26 E80	SF	---	338/I
				Ha	20:14	0.2	11993	S27 E77	SF	---	342/II
				SXR	17:30	4.5	AP	172	C2		
29	437_5	08	15	Ha	00:39	0.1	11986	S12 W03	SF	---	338/I
				Ha	06:59	0.1	11993	S27 E68	SF	---	342/II
				SXR	00:39	6.0	AP	172	C1		
30	438_1	08	16	Ha	02:44	0.3	11997	N16 E90	1F	---	338/I
				SXR	01:00	3.0	Ø	139	C1		342/II
31	438_2	08	18	Ha	16:55	0.2	11985	N16 W55	SF	---	338/I
				Ha	17:25	0.4	11985	N17 W54	SN	---	342/II
				Ha	18:35	0.3	11985	N17 W60	SN	---	
				SXR	17:00	3.0	B	255	C2		
32	439_1	08	21	Ha	16:37	0.3	12002	S14 E72	SF	---	338/I
				Ha	17:05	0.4	12001	S04 E38	SN	---	342/II
				Ha	17:35	0.3	12002	S19 E69	SN		
				Ha	19:27	0.1	12002	S12 E60	SF	1-/1	
				SXR	16:37	3.0	BP	076	C2		
33	439_2	08	21	Ha	22:06	0.1	12002	S13 E59	SF	1-/3	338/I
				Ha	22:46	0.2	12002	S14 E71	1B		342/II
				SXR	22:06	2.0	BP	076	C2		
	440	08	22	Ha	12:07	1.5	12002	S23 E56	2B	2/5	338/I
				Ha	12:05	2.3	12002	S21 E56	2N		342/II
				Ha	13:11	0.5	12001	S05 E25	SN		
				SXR	12:16E	4.0	BP	076	M2.1		
34	440_1	08	23	Ha	01:44	0.6	12001	S04 E19	1N	1-/1	338/I
				SXR	01:51	2.0	BP	113	C3.8		342/II

35	440_2	08 23	Ha	09:34	0.5	12002	S16 E48	SN	1+/3	338/I
			Ha	09:36	0.4	12002	S17 E59	SN		342/II
			Ha	09:38	0.8	12002	S17 E48	SF		
			SXR	09:34	2.0	BP	075	C6.1		
36	440_3	08 24	Ha	03:45	1.0	12001	S04 E05	2N	---	338/I
			Ha	04:07	0.6	12001	S06 E06	1N	1-/1	342/II
			Ha	03:48	0.6	12002	S15 E38	SN		
			SXR	03:30	2.0	BP	113	C5.0		
37	441_1	08 25	Ha	05:10	0.5	12002	S15 E24	SN	1-/3	338/I
			Ha	07:09	0.2	12002	S15 E23	SN		342/II
			Ha	07:40	0.3	12002	S15 E23	SN		
			SXR	05:10	3.0	BP	075	C6.8		
38	441_2	08 25	Ha	10:31	0.8	12002	S16 E20	1B	2-/5	338/I
			Ha	10:37	0.1	12002	S15 E31	SF		342/II
			SXR	10:31	2.5	BP	075	M1.5		
39	441_3	08 25	Ha	23:40	0.3	12001	S04 W22	SF	---	338/I
			SXR	20:00	4.0	BP	113	C1		342/II
	442	08 26	Ha	23:00E	0.2D	12011	N16 E89	SB	1-/3	338/I
			Ha	23:32E	0.2D	12011	N16 E90	SN		342/II
			SXR	21:56	3.5	AP	351	M1.1		
		08 27	Ha	01:22	0.5	12011	N18 E88	SB		
	443	08 27	Ha	23:21E	0.1D	12011	N17 E77	SN	2-/5	338/I
			Ha	23:34	0.1	12011	N14 E88	SN		342/II
		08 28	SXR	00:00	2.5	AP	351	M2.1		
40	443_1	08 28	Ha	20:21	0.4	12011	N14 E60	SN	---	338/I
			SXR	20:21	3.5	AP	351	C1		342/II
41	443_2	08 29	Ha	02:40	0.3	12011	N16 E57	SB	1-/1	338/I
			SXR	02:40	4.0	AP	351	C1		342/II
42	443_3	08 29	Ha	12:31	0.3	12011	N14 E79	SN	---	338/I
			Ha	12:43	0.3	12011	N13 E53	SN		342/II
			Ha	13:10	0.7	12011	N14 E77	SF		
			Ha	13:44	0.3	12011	N14 E51	SN		
			Ha	14:03	0.1	12011	N19 E54	SN		
			SXR	13:14	3.0	BP	345	C3.8		
43	443_4	08 29	Ha	21:16	0.1	12011	N11 E72	SN	---	338/I
			SXR	21:16	2.5	BP	345	C3		342/II
44	444_1	08 31	Ha	04:10	0.5	12007	N15 E06	1B	---	338/I
			SXR	04:10	2.0	BP	010	C4		342/II
45	445_1	09 01	Ha	19:30	0.2	12011	N18 E16	SF	---	339/I
			Ha	19:49	0.6	12007	N16 W08	SN		343/II
			SXR	19:30	2.0	BP	010	C1		

46	445_2	09 02	Ha	00:10	0.3	12016	S09 E37	SF	---	339/I
			Ha	01:30	0.4	12016	S09 E37	SF		343/II
			Ha	03:46	0.3	12016	S08 E36	SF		
			SXR	00:10	3.5	B	321	C1		
47	445_3	09 02	Ha	08:36	1.2	12011	N15 E25	1N	---	339/I
			Ha	08:37	0.8	12011	N15 E24	SN		343/II
			SXR	08:36	2.0	BP	345	C2		
48	445_4	09 03	Ha	01:28	0.5	12005	S12 W47	1F	---	339/I
			Ha	02:56	0.2	12025	S15 E85	SF	---	343/II
			SXR	01:28	2.0	BP	025	C2		
	446	09 03	Ha	08:55	1.3	12005	S12 W52	SN	2/3	339/I
			Ha	09:12	0.6	12005	S10 W54	1N		343/II
			SXR	08:59	2.5	BP	025	C8.3		
49	446_1	09 03	SXR	15:00	4.0	12005?	S12.025	C2	---	343/II
50	446_2	09 04	Ha	00:20	0.8	12005	S12 W60	SF	---	339/I
			Ha	02:45	1.2	12005	S09 W59	2N	---	343/II
			SXR	00:20	4.0	BP	025	C4		
51	446_3	09 04	Ha	04:55	0.1	12005	S07 W59	SF	---	339/I
			SXR	05:00	2.0	BP	025	C1		343/II
52	446_4	09 04	Ha	20:42	0.7	12005	S04 W64	SN	---	339/I
			SXR	20:42	2.0	BP	025	C2		343/II
53	446_5	09 04	Ha	23:24	0.3	12007	N10 W65	1N	1-/1	339/I
			Ha	23:28E	0.1D	12005	S05 W65	SF		343/II
		09 05	Ha	01:06E	0.1D	12005	S08 W79	SF		
			SXR	23:24	2.0	BP	025	C6		
54	446_6	09 05	Ha	06:31	0.1	12005	S10 W80	SF	---	339/I
			SXR	03:00	3.0	BP	025	C2		343/II
55	446_7	09 05	Ha	13:49	0.3	12011	N15 W20	SF	---	339/I
			Ha	14:28	0.9	12014	S24 W21	1N	---	343/II
			Ha	14:20	2.3	12014	S26 W21	1N	---	
			Ha	15:36	0.8	12011	N17 W19	SN		
			SXR	15:36	2.0	BP	345	C3.8		
56	446_8	09 05	Ha	17:32	0.6	12011	N17 W24	SN	1-/1	339/I
			Ha	20:00E	0.8D	12011	N13 W27	SF	---	343/II
			SXR	17:32	3.0	BP	345	C3.8		
57	446_9	09 05	Ha	22:42E	0.1D	12005	S05 W77	SN	1-/1	339/I
			SXR	22:42E	2.0	BP	025	C2		343/II
58	446_{10}	09 06	Ha	04:10	0.5	12016	S07 W87	1B	2-/3	339/I
			Ha	02:19	0.3D	12016	S08 W16	1F		343/II
			SXR	03:00	2.0	BP	320	C3		
59	447_1	09 06	Ha	21:49E	0.1D	12016	S08 W29	SN	1+/5	339/I
			SXR	21:38	2.5	BP	320	C2		343/II

60	447_2	09	07	Ha	01:35	0.4	12016	S11 W29	SN	---	339/I
				Ha	03:55E	0.1D	12016	S09 W34	SF		343/II
				SXR	01:00	4.0	BP	320	C2		
61	447_3	09	07	Ha	20:55E	0.1D	12022	S15 W64	SF	---	339/I
				SXR	20:00	2.0	BP	034	C1		343/II
62	447_4	09	08	Ha	00:45	2.7	12021	N14 E40	SF	---	339/I
				SXR	00:45	2.0	BP	240	C2		343/II
63	447_5	09	08	Ha	04:58E	0.6D	12021	N09 E39	2F	---	339/I
				Ha	05:41	0.6	12021	N13 E39	1F	---	343/II
				Ha	06:57	0.1D	12021	N09 E38	1F	1-/1	
				SXR	04:58	2.0	BP	240	C2		
64	447_6	09	09	Ha	10:08E	0.1D	12011	N13 W78	SN	---	339/I
				Ha	10:25	0.2D	12011	N16 W89	SF		343/II
				Ha	10:59	0.1	12011	N15 W79	SN		
				Ha	11:25	0.7	12011	N17 W81	SN		
				SXR	10:25	2.0	B	331	C1		
65	447_7	09	09	SXR	20:00	3.0	12011?	N13-331	C1	---	343/II
66	447_8	09	10	Ha	01:23	0.4	12028	S13 E67	SN	1-/3	339/I
				SXR	01:23	2.0	BF	185	C4		343/II
67	447_9	09	10	Ha	13:45	0.7	12021	N20 E04	SN	---	339/I
				Ha	13:38	1.2	12021	N20 E06	SN		343/II
				SXR	13:38	2.0	BP	239	C3		
68	447_{10}	09	10	SXR	21:00	2.0	12021?	N20-239	C3	---	343/II
69	448_1	09	11	SXR	19:00	3.0	12028?	S13-185	C1	---	343/II
70	449_1	09	14	Ha	22:00	0.7	12028	S15 W03	SF	---	339/I
				SXR	22:00	2.0	BP	186	C3		343/II
71	449_2	09	15	Ha	03:10	0.2	12035	N11 E51	SF	---	339/I
				SXR	03:10	2.0	BP	133	C2		343/II
72	449_3	09	16	SXR	23:30	2.0	12035?	N11-133	C3	---	343/II
73	449_4	09	17	Ha	17:37	0.2	12028	S15 W40	SN	---	339/I
				Ha	17:41	0.3	12021	N20 W90	SN	---	343/II
				SXR	17:37	2.0	BP	186	C3		
74	450_1	09	18	Ha	09:03	0.1	12040	S17 E61	SN	---	339/I
				Ha	10:25E	0.2D	12040	S15 E59	SN	---	343/II
				Ha	11:30	0.8	12040	S16 E59	1F	---	
				SXR	10:00	3.0	AP	078	C4		
75	450_2	09	18	SXR	22:00	2.0	12028?	S15-186	C2	---	343/II
76	450_3	09	19	Ha	02:06	0.5	12040	S16 E53	SN	1-/1	339/I
				SXR	02:12	2.0	AP	078	C3.8		343/II
77	450_4	09	19	Ha	09:14	1.9	12040	S13 E48	1N	---	339/I
				SXR	09:14	2.5	AP	078	C2		343/II

78	450_5	09 19	SXR	16:00	2.5	12040?	S16-078	C1	---	343/II
79	450_6	09 20	Ha	07:01	0.2	12034	N06 W39	SN	---	339/I
			Ha	08:28	0.1	12034	N06 W33	SN	---	343/II
			SXR	07:01	2.0	AP	152	C1		
80	450_7	09 20	Ha	15:50	0.2	12044	S05 E88	SF	---	339/I
			SXR	15:50	2.0	BY	034	C1		343/II
81	450_8	09 20	Ha	19:29	0.3	12044	S08 E78	SF	---	339/I
			SXR	18:00	2.0	BY	031	C1		343/II
82	450_9	09 21	Ha	01:17	0.2	12044	S07 E76	SF	---	339/I
			Ha	02:32	0.2	12044	S06 E76	1F	---	343/II
			SXR	01:17	2.0	BY	034	C1		
83	450_{10}	09 21	Ha	03:55	1.9	12044	S06 E71	SN	---	339/I
			SXR	03:00	3.0	BY	034	C2		343/II
84	450_{11}	09 21	Ha	08:49	0.2	12044	S06 E68	SF	---	339/I
			Ha	09:13	0.5	12044	S07 E67	1N	1+/5	343/II
			SXR	09:30	2.0	BY	034	C4.5		
	451	09 21	Ha	12:10	0.6	12044	S07 E66	SN	1+/5	339/I
			Ha	12:30	0.7	12044	S05 E67	SN	---	343/II
			SXR	12:10	2.0	BY	031	C9.8		
85	451_1	09 21	Ha	22:41	1.1	12040	S17 E14	SB	1-/1	339/I
			SXR	22:38	2.0	BP	080	C4		343/II
86	451_2	09 22	Ha	10:05	0.4	12044	S05 E58	SN	1/5	339/I
			Ha	10:22	1.0	12044	S05 E56	1N	2/5	343/II
			SXR	10:05	3.0	BY	031	C5?		
87	452_1	09 22	Ha	23:47E	0.2D	12044	S05 E54	SF	---	339/I
			SXR	22:00	2.0	BY	031	C1		343/II
88	452_2	09 23	Ha	10:08	0.3	12044	S06 E42	SB	1+/5	339/I
			SXR	10:00	2.0	BY- D	031	C4		343/II
89	452_3	09 24	Ha	00:28	0.9	12040	S19 W15	SB	---	339/I
			SXR	00:28	2.0	BP	080	C3.7		343/II
90	452_4	09 26	Ha	01:48	1.0	12044	S06 E07	1B	2/5	339/I
			SXR	01:48	2.0	D	032	M2.0		343/II
91	452_5	09 26	Ha	08:09	0.5	12040	S17 W42	2F	---	339/I
			SXR	08:09	2.0	AP	080	C2		343/II
92	452_6	09 26	Ha	14:49	0.1	12040	S14 W50	SF	---	339/I
			Ha	15:50	0.2D	12040	S18 W48	SF	1-/1	343/II
			SXR	14:49	2.5	AP	080	C2		
93	452_7	09 27	Ha	11:38	0.6	12040	S19 W61	1F	---	339/I
			Ha	14:35E	0.2D	12040	S17 W58	SF	---	343/II
			SXR	12:00	4.0	AP	080	C1		

94	452_8	09 28	Ha	21:44	0.1	12044	S08 W40	SF	---	339/I
			SXR	19:00	4.0	D	032	C1		343/II
95	452_9	09 29	Ha	21:37E	0.3D	12056	N12 E39	SF	---	339/I
			SXR	20:00	3.0	BP	311	C2		343/II
96	452_{10}	09 30	Ha	00:09	0.4D	12056	N10 E38	SF	---	339/I
			SXR	00:09	2.0	BP	311	C4		343/II
97	452_{11}	10 01	Ha	12:39	0.5	12056	N12 E21	SF	---	340/I
			Ha	14:28	0.5	12056	N13 E18	SF	2/5	344/II
			SXR	12:39	2.0	BP	311	C2		
98	452_{12}	10 01	Ha	20:35	0.6	12056	N12 E14	1B/M1.6 1/5		340/I
			Ha	22:03	0.5	12056	N12 E13	1B/C5.3 1/1		344/II
			SXR	20:35	3.0	BP	311	M1		
99	452_{13}	10 06	SXR	01:20	2.0	12057	N20-267	C2	---	344/II
100	452_{14}	10 06	SXR	10:00	2.0	12057?	N20-267?	C2	---	344/II
101	452_{15}	10 06	Ha	18:39	0.3D	12073	N04 W01	SN	---	340/I
			SXR	18:39	2.0	BP	257	C2		344/II
102	452_{16}	10 07	SXR	01:00	2.0	x	N?	C2	---	344/II
103	453_1	10 10	Ha	20:51	0.2	12072	N07 E47	SF	---	340/I
		10 11	Ha	00:11	0.6	12072	N07 E44	SF	---	344/II
			SXR	20:51	3.5	A	161	C2		
104	453_2	10 12	SXR	20:00	4.0	12059? BP	S06-258	C4	---	344/II
105	453_3	10 13	Ha	15:24	0.2	12074	N13 E33	SF	---	340/I
			SXR	15:24	2.0	Ø	133	C1		344/II
106	453_4	10 13	SXR	22:00	2.0	12074?	N - 133	C1	---	344/II
107	453_5	10 14	Ha	03:05	0.5	12074	N12 E26	1N	---	340/I
			Ha	03:56	0.4	12072	N06 E15	1N	---	344/II
			SXR	03:05	3.0	Ø	133	C3		
108	453_6	10 14	Ha	09:07	0.1D	12079	S12 E89	1N	---	340/I
			SXR	06:00	3.0	BP	068	C2		344/II
109	453_7	10 14	Ha	10:45E	0.1D	12074	N11 E22	SN	---	340/I
			SXR	10:45	2.0	Ø	133	M1		344/II
110	453_8	10 14	SXR	13:00	4.0	12086?	S13-058	C2	---	344/II
111	454_1	10 17	Ha	10:35E	0.1D	12086	S10 E79	SF	---	340/I
			Ha	11:58	0.1D	12086	S17 E61	SF	1-/1	344/II
			Ha	13:20E	0.5D	12079	S04 E52	SF	1-/1	
			SXR	10:35	6.0	BP	068	C2		
112	454_2	10 17	Ha	23:52	0.2	12079	S06 E45	SB	---	340/I
		10 18	Ha	00:12	0.2	12079	S06 E45	SB	---	344/II
			Ha	02:11	0.1	12086	S07 E70	SF		
			SXR	23:00	4.0	BP	068	C2		

113	454_3	10 18	Ha	09:55E	0.1D	12079	S07 E40	SN	---	340/I
			Ha	10:20E	0.2D	12079	S10 E40	SF	1-/1	344/II
			Ha	11:25	0.1	12079	S07 E39	SN		
			SXR	05:00	6.0	BP	068	C1		
114	454_4	10 20	Ha	05:06E	0.3D	12089	S14 E65	SN	---	340/I
			Ha	06:25E	0.3D	12089	S13 E62	1N	---	344/II
			Ha	07:44	0.1	12089	S10 E66	1-/1	SN	
			Ha	07:21	0.4	12086	S11 E23	SN		
			SXR	04:00	5.0	BP	058	C2		
115	454_5	10 20	Ha	17:48	1.0	12086	S10 E18	SF	1/1	340/I
			Ha	17:49	0.3	12089	S17 E52	SN		344/II
			Ha	17:53	0.5	12085	S08 E18	SN		
			SXR	17:40	4.0	BP	052	C2		
116	454_6	10 21	SXR	02:00	4.5	x	x	C1	---	344/II
117	454_7	10 21	Ha	18:39	0.3	12086	S13 E05	SF	---	339/I
			SXR	16:00	3.0	BP	052	C2		344/II
118	457_8	10 21	Ha	20:54E	0.5D	12086	S15 E08	SN	---	340/I
			SXR	20:10	2.5	BP	052	C2		344/II
119	454_9	10 22	Ha	10:31	0.3	12079	S06 W16	SF	---	340/I
			Ha	10:13			068		1+/3	344/II
			Ha	10:54		12089	S08 E30	1N	1-/3	
			SXR	10:31	3.0	BP	024	M1		
120	454_{10}	10 22	SXR	23:30	2.0	12094	S	M2.0	1/5	344/II
121	454_{11}	10 23	Ha	15:48	0.2	12079	S07 W34	SF	1-/1	340/I
			SXR	15:48	2.0	BP	068	C6.8		344/II
122	454_{12}	10 24	Ha	06:28	0.4	12094	S13 E76	SN	1/5	344/II
			SXR	06:28	2.0	BP	313	M1.3		340/I
			Ha	06:28	0.6	12094	S11 E78	SF		
123	454_{13}	10 25	Ha	07:55	0.6	12094	S09 E64	1N	2/5	340/I
			Ha	08:00	0.8	12094	S09 E63	SN		344/II
			SXR	07:55	2.0	D	313	M3.3		
124	454_{14}	10 25	Ha	14:58	0.2	12094	S13 E50	SN/C3.7		340/I
			Ha	15:40	0.4	12094	S11 E56	SF	---	344/II
			Ha	16:02	0.2	12094	S16 E60	SF	---	
			Ha	16:24	0.3	12094	S15 E59	SF/C6.0		
			Ha	17:40	0.2	12094	S14 E49	SF	1-/1	
			SXR	14:00	6.0	D	313	C1		
125	454_{15}	10 25	Ha	23:27	0.2	12094	S13 E46	1B	1-/1	340/I
			Ha	23:43	0.2	12094	S14 E53	SN/C6.8		344/II
		10 26	Ha	00:01	0.4	12094	S15 E53	SN	1-/1	
			Ha	01:59	0.3	12094	S13 E49	SB/M1.3		1-/3
			Ha	03:15	0.2	12094	S10 E48	SN/M2.1		1-/3

125	454_{15}	10 26	Ha	06:41	0.7	12094	S12 E47	1B/X3.1 2/5	340/I
		10 25	SXR	23:27	6.5	D	313	C2	344/II
126	454_{16}	10 26	Ha	12:54	0.5	12094	S08 E43	1N/M1.7 1+/5	340/I
			Ha	13:26	0.5	12094	S08 E44	1B/C9.8 1+/5	344/II
			SXR	12:40	2.0	D	313	C2	
127	454_{17}	10 26	Ha	19:08	0.1	12094	S08 E39	SF ---	340/I
			Ha	20:26E	0.1D	12094	S08 E38	SF ---	344/II
			SXR	18:30	2.0	D	313	C2	
128	454_{18}	10 27	Ha	18:30E	0.1D	12094	S09 E26	SF 1-/5	340/I
			Ha	18:45	0.7	12094	S15 E25	1N	344/II
			SXR	17:52	2.0	D	313	M1.4	
129	454_{19}	10 28	Ha	03:22	0.3	12094	S13 E25	SB ---	340/I
			Ha	03:50	0.8	12094	S15 E24	SN 1/1	344/II
			Ha	04:22	0.3	12094	S16 E22	1B/M1.7 1-/5	
			Ha	04:05E	0.4D	12086	S16 W80	SF	
			Ha	04:53	0.8D	12094	S13 E22	SN	
			Ha	06:40	0.3	12094	S14 E22	SB	
			SXR	02:00	6.0	D	313	C2	
130	454_{20}	10 28	Ha	09:23	0.5	12094	S15 E18	SN/C9.8	340/I
			Ha	09:44	0.3	12094	S14 E18	SF 1-/3	344/II
			Ha	10:13	0.3	12094	S15 E19	SN	
			Ha	08:55	0.3D	12086	S17 W81	SF 1/3	
			SXR	08:55	5.0	AP	056	C9.8	
131	454_{21}	10 28	Ha	17:00	0.5	12094	S14 E15	SN ---	340/I
			Ha	17:52	1.3	12099	S09 E67	1B ---	344/II
			Ha	18:05	0.1	12094	S10 E10	SN	
			Ha	18:29	0.1	12094	S13 E13	SF/C4.5	
			Ha	18:33	0.2D	12085	S08 W90	SF	
			SXR	17:00	2.0	Ø Ø-AP	054 267	C4.5	
132	454_{22}	10 29	Ha	00:37	0.4	12094	S10 E04	SN 1/5	339/I
			Ha	02:23	0.2	12094	S11 E06	SN/M1.6 1+/1	340/I
			Ha	02:57	0.6	12094	S13 E07	1N 1/5	344/II
			SXR	00:37	3.5	D	313	C1	
	455	10 29	Ha	15:44	4.6	12094	S10 E05	2N/M3.3	340/I
			Ha	23:46	0.3	12094	S16 W08	SN 1-/5	344/II
		10 30	Ha	00:11	1.7	12094	S15 W07	1F	
			Ha	00:40	0.4	12094	S17 W02	SN/C7.6	
			Ha	02:29	0.2	12094	S08 W01	SN/C6.1	
		10 29	SXR	16:10	9.0	D	313	M3.3	
133	455_{1}	10 30	Ha	04:11	0.3	12094	S14 W02	SF 1-/1	340/I
			Ha	05:17	0.2	12094	S11 W10	SN/C5.3	344/II
			SXR	04:11	2.0	D	313	C2	

134	455_2	10 30	Ha	08:45	0.8	12094	S13 W08	SF	---	340/I
			Ha	09:48	0.5	12094	S10 W05	SN/C3.7	1-/1	344/II
			Ha	10:34	0.1	12094	S13 W10	SB/C6.8	1/3	
			Ha	12:17	0.3	12090	S20 W45	SB		
			Ha	12:19	0.3	12094	S12 W14	SN		
			SXR	08:45	5.0	D	313	C2		
135	455_3	10 30	Ha	14:46	0.6	12094	S11 W09	SN/C6.1	1-/5	340/I
			Ha	15:02	0.3	12090	S19 W47	SN		344/II
			SXR	14:00	2.0	D	313	C6		
136	455_4	10 30	Ha	16:46	0.5	12094	S11 W10	SB/M2.1	2/5	340/I
			Ha	17:34	0.3	12094	S07 W15	SF		344/II
			SXR	16:00	2.0	D	313	M2		
137	455_5	10 30	Ha	20:28	0.6D	12094	S17 W12	SN/C6.8	1-/3	340/I
			SXR	19:50	2.0	D	313	C5		344/II
138	456_1	10 31	Ha	15:51	0.3	12094	S13 W32	SN	---	339/I
			SXR	15:51	2.0	D	313	C3		343/II
139	456_2	10 31	Ha	20:30	0.6	12094	S10 W24	SN	---	340/I
			SXR	20:30	2.0	D	313	C3		344/II
140	456_3	11 06	Ha	02:47E	0.5D	12099	S10 W50	SF	---	341/I
			SXR	03:00	5.0	AF	262	C2		345/II
141	456_4	11 09	SXR	00:00	3.0	12099?	S10-262	C3	---	345/II
142	456_5	11 10	Ha	05:57E	0.3D	12103	N05 W42	SF	---	341/I
			SXR	02:00	4.5	BF	201	C1		345/II
143	456_6	11 11	SXR	08:00	3.0	12103?	N05-201	C2	---	345/II
144	457_1	11 17	SXR	04:30	3.0	12110?	S06-133	C3	---	345/II
145	457_2	11 18	SXR	04:30	2.5	12116?	S	C2	---	345/II
146	457_3	11 18	Ha	11:52	0.5	12116	S11 E65	SN	---	341/I
			SXR	10:30	3.0	BP	348	C2		345/II
147	457_4	11 18	SXR	18:00	3.0	12116?	S11-348	C2	---	345/II
148	457_5	11 21	Ha	16:15	0.1	12114	S15 W36	SN	---	341/I
			Ha	17:56	0.1	12114	S14 W36	SN		345/II
			SXR	16:15	3.0	AP	056	C2		
149	457_6	11 22	Ha	19:11	0.5	12115	S07 W10	SB	1-/1	341/I
			Ha	21:39E	0.1D	12115	S05 W11	SN		345/II
			SXR	19:40	2.5	BP	005	C4		
150	457_7	11 23	Ha	15:31	0.3	12115	S05 W22	SF	---	341/I
			SXR	15:31	2.0	BP	005	C2		345/II
	459	11 25	Ha	07:23	0.5	12115	S05 W41	SN	---	341/I
			Ha	08:20	0.9	12115	S06 W44	1B	2-/5	345/II
			Ha	10:16	0.4	12115	S06 W44	SN/C4.5		
			SXR	08:20	3.0	BF	010	M4.9		

151	459_1	11 26	Ha	02:09	0.3	12115	S06 W54	1B	---	341/I
			SXR	02:09	2.0	BF	010	C4.1		345/II
152	459_2	11 26	Ha	05:03	0.6	12115	S07 W57	1N/C6.5	1-/3	341/I
			SXR	05:03	2.0	BF	010	C6.5		345/II
153	460_1	11 27	Ha	15:37	0.1	12115	S06 W77	SF	---	341/I
			SXR	12:30	4.0	BF	010	C2		345/II
154	461_1	11 30	Ha	09:51	0.3	12126	S17 W25	SN	---	341/I
			SXR	09:30	2.0	BF	283	C3		345/II
155	461_2	12 02	SXR	08:50	2.0	12126?	S17-283	C1	---	346/II
156	462_1	12 08	Ha	02:42	0.5	12136	N10 E52	SN	1-/1	342/I
			SXR	02:42	2.0	BF	106	C8		346/II
157	462_2	12 08	SXR	11:30	2.5	12136?	N10-106	C4	---	346/II
158	462_3	12 08	SXR	17:00	3.0	12136?	N10-106	C1	---	346/II
	463	12 08	Ha	22:58	0.8	12136	N10 E38	1N	2/5	342/I
		12 09	Ha	00:38E	0.8D	12136	N10 E37	SN		346/II
		12 08	SXR	22:58	4.5	BP	106	M2.8		
	464	12 09	Ha	16:00		12136	N11 E28	1N?	2/5	342/I
			SXR	16:04	4.0	BP	106	M1.4		346/II
159	465_1	12 10	Ha	17:55E	0.3D	12136	N10 E13	SN	---	342/I
			Ha	18:46	0.3	12136	N12 E15	SF	---	346/II
			SXR	17:30	3.0	BP	106	C2		
160	465_2	12 11	Ha	19:45	0.3	12136	N11 W01	SN	2+/5	342/I
			SXR	19:30	2.0	BP	106	C1		346/II
161	465_3	12 12	Ha	01:44	0.9	12136	N11 E02	1F	---	342/I
			SXR	01:44	2.0	BP	106	C6		346/II
162	465_4	12 13	Ha	16:47	0.7	12136	N11 W28	SF	---	342/I
			SXR	16:47	2.0	BP	106	C4		346/II
163	465_5	12 14	Ha	12:38	1.2	12136	N11 W40	SN	---	342/I
			SXR	12:38	2.0	BP	106	C3.2		346/II
	466	12 15	Ha	05:39	1.1	12143	S06 E47	1B	2-/3	342/I
			SXR	05:39	3.5	AF 12139?	014 BP - 058	M2.9		346/II
	467	12 16	Ha	03:44	0.9	12136	N12 W57	1B	2+/5	342/I
			SXR	03:44	2.0	AP	106	X1.0		346/II
164	467_1	12 17	Ha	00:27E	0.9D	12136	N12 W66	SN	---	342/I
			SXR	00:05	2.0	AP	106	C1		346/II
	468	12 18	Ha	06:58	1.0	12143	S09 E08	1N	1/3	342/I
			Ha	06:45	1.1	12143	S07 E06	SN		346/II
			Ha	08:15E	0.7D	12143	S07 E05	1N		
			SXR	06:51	4.0	BF	017	M1.4		

165	468_1	12 22	Ha	00:03	1.2	12149	N12 E27	SN	---	342/I
			SXR	00:03	2.0	BF	306	C2		346/II
166	468_2	12 22	Ha	06:30E	0.7D	12149	N11 E22	SN	---	342/I
			Ha	07:30	0.3	12149	N11 E21	SN		346/II
			SXR	06:30	3.5	BF	306	C4		
167	468_3	12 22	Ha	14:09	0.6	12149	N12 E14	1F	---	342/I
			Ha	15:21	0.4	12149	N10 E15	SF		346/II
			SXR	14:09	2.5	BF	306	C3		
168	468_4	12 23	Ha	00:40E	0.5	12149	N11 E10	SN	---	342/I
			Ha	01:46	0.3	12149	N13 E13	SN	---	346/II
			SXR	00:30	2.0	BF	306	C2		
169	468_5	12 24	Ha	10:28	0.2	12149	N13 W05	SF	---	342/I
			Ha	22:05	0.3	12149	N12 W17	SN	1-/5	346/II
			SXR	20:30	3.0	BF	306	C4		
170	468_6	12 31	Ha	02:24	0.3	12160	N07 E75	1N/M1.4	1/3	342/I
			Ha	04:26	0.2	12160		M1.4		346/II
			Ha	05:47	0.2	12160		C7.1		
			SXR	02:24	4.5	BP	138	C2		

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171	469_1	01 04	Ha	06:03	0.4	12164	N15 E39	SF	---	343/I
			Ha	06:41	0.3	12164	N15 E46	SN	1-/3	347/II
			SXR	06:03	2.5	B	114	C6.1		
172	469_2	01 04	Ha	20:32	-	12160	N11	-	1-/5	343/I
			SXR	20:32	2.0	BP	138	C4.5		347/II
173	470_1	01 07	Ha	10:52	0.7	12164	N11 E05	SB	1/3	343/I
			SXR	10:52	2.5	B	114	C2		347/II
174	470_2	01 10	Ha	06:13	1.0	12160	N11 W68	SN	1/1	343/I
			SXR	06:13	2.0	BP	138	C3		347/II
175	470_3	01 10	Ha	19:17	1.0	12164	N13 W43	SF	---	343/I
			SXR	19:17	2.0	B	114	C2		347/II
176	470_4	01 10	Ha	21:18	0.2	12160	N07 W71	SF	---	343/I
			Ha	21:36	0.2	12160	N11 W69	SF	---	347/II
			SXR	21:18	2.0	BP	138	C1		
	471	01 11	Ha	00:13	0.3	12160	N10 W78	SF	---	343/I
			Ha	00:35	0.9	12160	N11 W80	1B	3/5	347/II
			Ha	01:45	0.2D	12160	N10 W42	SF	---	
			SXR	00:40	5.0	AP	148	M1.4		
177	471_1	01 11	Ha	18:00	-	12164	N12 W62	-	2+/5	343/I
			Ha	17:17E	0.2D	12160	N10 W90	SN	1/5	347/II
			Ha	18:53	0.3	12164	N12 W62	SB	1-/5	
			SXR	18:00	2.0	BY	114	C5.8		

178	471_2	01	11	Ha	23:37	0.6	12164	N18 W57	1F	---	343/I
		01	12	Ha	01:48	0.2	12164	N10 W57	SB		347/II
		01	11	SXR	23:37	2.0	BY	114	C1		
179	471_3	01	12	Ha	08:20	0.5	12164	N14 W67	SF	---	343/I
				SXR	08:20	2.0	BY	114	C1		347/II
180	471_4	01	12	Ha	11:57	1.1	12164	N12 W71	1N	1/5	343/I
				SXR	11:57	2.0	BY	114	M2.9		347/II
181	471_5	01	12	Ha	16:05	0.2	12164	N12 W76	SF	---	343/I
				Ha	16:38	0.4	12164	N12 W76	SN/C4	1-/3	347/II
				Ha	17:12	0.2	12164	N12 W76	SF/C6	1-/5	
				Ha	18:12	0.5	12164	N12 W77	SN/M1.4	1-/5	
				SXR	16:05	2.5	BY	114	C2		
182	471_6	01	13	Ha	14:25E	0.8D	12164	N15 W81	1N	---	343/I
				SXR	10:30	4.5	BY	114	C1		347/II
183	471_7	01	14	Ha	01:03	0.3	12164	N12 W89	1N	---	343/I
				SXR	01:03	2.0	BY	114	C1		347/II
184	471_8	01	17	SXR	14:30	2.0	12185?	N11-AP-316	C2	---	347/II
185	472_1	01	30	Ha	12:40E	0.1D	12197	N09 W75	SF	---	343/I
				SXR	10:00	2.0	AP	241	C1		347/II
186	475_1	02	12	Ha	12:08	1.0	12224	S11 E18	1N	---	344/I
				SXR	12:08	2.0	AF	347	C2		347/II
187	475_2	02	13	Ha	17:20	0.3	12217	N04 W31	SF	---	344/I
				SXR	17:20	2.0	BP	016	C4		348/II
188	475_3	02	14	SXR	03:00	2.0	12223?	N10-030	C1	---	348/II
189	475_4	02	14	Ha	23:09	0.2	12223	N16 W65	SF	---	344/I
				SXR	22:00	2.0	BP	030	C9.0		348/II
190	476_1	02	15	Ha	23:37	0.3	12228	S10 E31	SF	---	344/I
		02	16	Ha	02:08	0.2	12228	S08 E36	SF	---	348/II
				SXR	23:37	4.5	AP	285	C2		
191	476_2	02	16	Ha	12:09	0.6	12228	S09 E25	1N	2/1	344/I
				SXR	12:09	2.0	AP	286	C3		348/II
192	479_1	02	21	Ha	06:14E	0.3D	12227	S13 W61	SN	---	344/I
				SXR	06:10	2.0	BP	306	C6		348/II
193	479_2	02	21	Ha	22:32E	0.1D	12236	N18 E14	SN	---	344/I
				SXR	22:20	2.0	AF	219	C5		348/II
194	479_3	02	22	Ha	08:02	-	12246	N09 E90	SB	2/5	344/I
				SXR	07:55	2.0	AP	141	M4.3		348/II
195	479_4	02	22	Ha	15:00	0.2D	12228	S11 W58	2F	---	344/I
				SXR	14:00	2.5	AP	286	C2		348/II
196	479_5	02	22	Ha	23:50E	0.5D	12246	N08 E90	1B	1+/5	344/I

196	479_5	02 22	SXR	23:21	-	12246	N08 E90	M1.4	2/3	344/I
		1973	SXR	23:20	1.5	AP 286		M9.4		348/II
197	479_6	02 23	Ha	02:23	0.3	12246	N08 E88	SN	1-/1	344/I
			Ha	02:52	0.2	12246	N09 E89	SB	---	348/II
			SXR	01:30	2.0	AP 286		C5		
198	479_7	02 24	Ha	02:10	0.5	12247	S10 W63	SF	---	344/I
			SXR	02:10	2.0	Ø 271		C3		348/II
199	479_8	02 28	Ha	16:26	1.1	12246	N08 E02	SN	---	344/I
			Ha	17:32	0.4	12246	N09 E03	SN	2/5	348/II
			SXR	16:32	2.0	BP 140		C6.4		
200	479_9	02 28	Ha	21:55	0.7	12246	N08 W01	1B	2/5	344/I
			SXR	21:55	2.0	BP 140		M6.5		348/II
201	479_{10}	03 01	Ha	08:28	0.5	12246	N08 W06	1B	1/5	345/I
			Ha	08:39	0.3	12246	N07 W07	1F	---	349/II
			SXR	08:28	2.0	BP 140		C7		
	480	03 01	Ha	11:15	0.8	12246	N08 W07	1B/M8	2+/5	345/I
			Ha	11:19E	0.8	12246	N07 W09	1B		349/II
			SXR	11:15	3.5	BP 139		C9.2		
202	480_1	03 02	Ha	18:34E	0.5D	12246	N08 W24	SB	1/5	345/I
			SXR	18:07	3.0	BP 139		C6.4		349/II
203	480_2	03 04	Ha	14:55E	0.3	12261	S15 E65	SN	---	345/I
			Ha	16:29	0.3	12261	S17 E61	SF	---	349/II
			Ha	17:45	0.3	12261	S17 E61	SF	---	
			SXR	15:00	3.0	AP 018		C8		
	481	03 05	Ha	22:04E	0.3D	12261	S16 E60	SN	1/5	345/I
			Ha	22:22E	0.8D	12261	S16 E61	1F		349/II
			SXR	21:58	2.5	AP 018		C8		
204	481_1	03 06	Ha	09:19	1.0	12261	S18 E53	SN	1+/3	345/I
			Ha	09:40	0.5	12261	S16 E55	SB		349/II
			SXR	09:19	2.0	AP 018		C6.1		
205	481_2	03 06	Ha	19:49	0.7	12261	S16 E48	SN	1/5	345/I
			SXR	19:49	2.0	AP 018		C4		349/II
206	481_3	03 08	Ha	01:52	1.5	12263	S06 E70	SN	---	345/I
			SXR	01:52	2.0	D 340		C1		349/II
207	481_4	03 08	Ha	08:25	1.5	12263	S07 E67	SN	1/3	345/I
			Ha	09:25	0.6	12263	S07 E67	SN	1+/3	349/II
			SXR	08:25	2.5	D 340		C4		
208	481_5	03 08	Ha	12:30	0.3	12263	S06 E64	SN	---	345/I
			Ha	13:14	0.4	12263	S06 E64	SN	---	349/II
			Ha	14:45	1.4	12263	S05 E63	SN/C7.1	1-/5	
			Ha	16:21	0.3	12263	S06 E63	SN		
			SXR	12:00	5.0	D 340		C7		

209	481_6	03 09	Ha	04:29	0.3	12263	S07 E56	SN/M1.4	1+/3	345/I
		1973	Ha	05:18	0.2	12261	S15 E14	SN		349/II
			Ha	05:34	0.2	12261	S15 E14	1N		
			Ha	05:58	0.7	12263	S07 E56	1N		
			SXR	04:29	2.0	D	340	C5		
210	481_7	03 09	Ha	17:04	0.1	12263	S06 E50	SF	---	345/I
			Ha	17:43	0.1	12263	S10 E48	SF		349/II
			SXR	15:20	2.5	D	340	C3		
211	481_8	03 12	Ha	03:57	0.9	12261	S16 W21	SN	---	345/I
			SXR	03:57	2.0	AP	021	C2		349/II
	482	03 12	Ha	10:56	1.2	12261	S19 W21	1B/C9	1+/3	345/I
			Ha	11:33	0.8	12261	S17 W24	1N		349/II
			SXR	10:56	3.5	AP	021	C9		
212	482_1	03 13	Ha	22:22E	1.5	12264	S12 E04	1N	1-/5	345/I
			SXR	22:22	2.0	BP	321	C7.1		349/II
213	482_2	03 14	Ha	01:38	1.8	12261	S18 W47	SF	---	345/I
			SXR	01:38	2.0	AP	021	C4		349/II
214	482_3	03 15	Ha	20:16E	0.1D	12263	S08 W30	SF	---	345/I
			Ha	20:42	0.6	12263	S13 W28	SF	---	349/II
			Ha	22:05	0.3D	12263	S08 W30	SN/C3.9		
			SXR	20:30	3.0	B	344	C3		
215	485_1	03 19	SXR	14:00	2.5	12263?	S	C5	---	345/I
216	485_2	03 21	Ha	18:50	0.7	12273	N16 E08	SF	---	345/I
			SXR	18:50	2.0	D	224	C2		349/II
217	485_3	03 24	Ha	03:04	0.9	12273	N16 W25	SB	1-/1	345/I
			Ha	03:03	1.3	12273	N16 W24	1N		349/II
			SXR	03:03	2.0	D	224	C4.8		
218	486_1	03 26	Ha	19:33	1.6	12280	N10 E22	1N	1-/1	345/I
			Ha	19:31	0.9	12280	N14 E21	SB		349/II
			SXR	19:31	2.5	B	145	C4		
219	486_2	03 27	Ha	16:37	0.9	12280	N05 E04	SF	1-/1	345/I
			SXR	16:37	2.0	B	145	C1		349/II
220	486_3	03 28	Ha	10:25	0.9	12273	N15 W87	SN	1-/1	345/I
			SXR	10:13E	2.5	D	224	C2		349/II
221	488_1	04 02	Ha	13:23	0.8	12298	N12 E34	1B	1-/1	346/I
			SXR	13:23	2.0	Y	040	C2		350/II
222	488_2	04 03	Ha	07:11	0.1	12293	S08 W15	SN	1-/1	346/I
			Ha	07:59	0.6	12293	S06 W16	SN	2/5	350/II
			Ha	08:34	0.3	12293	S06 W17	SN		
			SXR	07:11	2.0	D	078	C5.2		
	489	04 03	Ha	18:36E	1.2D	12293	S06 W19	1N	1/5	346/I

	489	04 03	Ha	21:05	0.3	12293	S03 W23	SN	---	346/I
		1973	SXR	18:40	2.0	D	078	C9.3		350/II
223	489_1	04 04	Ha	11:30	1.5	12300	S12 E69	1B	---	346/I
			Ha	11:26E	1.1	12300	S18 E71	1N	1-/5	350/II
			Ha	12:34	0.3	12293	S06 W34	SN		
			SXR	12:00	2.0	BP	356	C8		
224	489_2	04 05	Ha	19:45	2.3	12298	N16 W12	SN	1-/1	346/I
			SXR	19:45	3.0	D	040	C1		350/II
225	489_3	04 06	Ha	16:29	0.8	12300	S08 E29	SN	---	346/I
			Ha	17:24	0.9	12300	S09 E27	SF	---	350/II
			SXR	16:29	2.0	BP	356	C4		
	490	04 10	Ha	00:26	1.4	12306	S08 E14	SB	2-/5	346/I
			Ha	01:43	0.5	12306	S10 E09	SB	---	350/II
			Ha	01:52	0.1	12306	S08 E12	SN	---	
			SXR	00:16	3.5	BY	327	M5.0		
226	490_1	04 10	SXR	04:30	2.0	12306?	S08-327	C3.9	1-/1	350/II
227	490_2	04 10	Ha	10:00	0.5	12306	S08 E12	SB	1/3	346/I
			Ha	10:47	0.6	12306	S07 E10	SN	1-/1	350/II
			SXR	10:00	2.0	BY	327	C4.9		
228	490_3	04 10	Ha	12:23	0.6	12306	S08 E09	SB	3-/5	346/I
			Ha	13:12E	0.3	12306	S08 E09	SB	---	350/II
			Ha	13:00	1.4	12306	S09 E09	SB		
			SXR	12:23	2.0	BY	327	M7.2		
229	490_4	04 10	Ha	13:00	2.3	12300	S13 W21	2F	3-/5	346/I
			Ha	13:12E	0.7	12300	S12 W20	1N		350/II
			SXR	13:00	2.0	BP	356	C4		
230	490_5	04 10	Ha	19:05	0.5	12306	S06 E06	SB	2-/5	346/I
			SXR	19:05	2.0	D	341	M1.4		350/II
231	490_6	04 11	Ha	07:59	0.2	12306	S11 W04	SB	1-/1	346/I
			SXR	06:26	2.0	D	341	C4		350/II
232	490_7	04 11	Ha	14:01	0.5	12306	S10 W05	1B	2/5	346/I
			SXR	14:01	2.0	D	341	M2.8		350/II
233	490_8	04 11	Ha	18:38	3.3	12306	S09 W10	1B	2/5	346/I
			Ha	20:17	0.4	12306	S12 W07	1B	---	350/II
			SXR	18:38	2.0	D	341	X2.1		
234	490_9	04 11	Ha	20:17	0.4	12306	S12 W07	1B	---	346/I
			Ha	21:49	1.6	12306	S09 W14	SF	---	350/II
			Ha	22:50	0.1	12306	S10 W14	SN	1-/5	
			SXR	20:17	3.0	D	341	C4		
235	490_{10}	04 12	Ha	00:03	0.4	12306	S08 W13	SN	1-/3	346/I
			Ha	02:08	0.3	12306	S08 W13	SN	---	350/II
			SXR	00:03	2.0	D	341	C7.4		

	491	04 16	Ha	08:04	0.3	12306	S08 W73	SN	1/5	346/I
		1973	SXR	08:02	2.0	D	341	C7.7		350/II
236	492_1	04 18	SXR	10:41	2.0	12322?	N11-145	M1.4	1+/5	350/II
237	492_2	04 19	SXR	00:42	2.0	12322?	N11-145	C4.1	1-/3	350/II
238	492_3	04 19	Ha	18:32	0.2	12321	S14 E26	SN	---	346/I
			SXR	18:32	2.0	BF	184	C1		350/II
239	492_4	04 21	Ha	06:50	1.7	12322	N08 E37	SN	2-/1	346/I
			Ha	06:57	0.5	12322	N09 E37	SF		350/II
			SXR	06:50	2.5	BP	146	C1		
240	492_5	04 21	Ha	15:58	0.3	12322	N14 E33	SN	1-/5	346/I
			SXR	15:00	2.0	BP	146	C1		350/II
	493	04 22	Ha	14:07	0.2	12323	S05 E87	SN	1/5	346/I
			Ha	15:05	0.9	12322	N12 E22	SN	1/5	350/II
			SXR	15:05	2.0	BP	146	C4.8		
241	493_1	04 23	Ha	17:03E	1.0	12322	N11 E07	SF	1-/1	346/I
			SXR	17:03	2.0	BP	146	C4		350/II
242	493_2	04 24	Ha	13:15	0.8	12322	N14 W04	SN	---	346/I
			Ha	14:13	0.6	12322	N14 W03	SN	1-/5	350/II
			SXR	13:45	2.0	BP	146	C8.3		
243	493_3	04 24	Ha	19:17	0.9	12322	N13 W06	SB	1+/5	346/I
			SXR	19:17	2.0	BP	146	M5.7		350/II
244	494_1	04 25	Ha	12:12	0.6	12322	N12 W18	SN	1-/5	346/I
			SXR	12:12	2.0	D	146	C3.2		350/II
245	494_2	04 26	Ha	06:28	1.0	12322	N12 W29	SB	1/5	346/I
			SXR	06:28	2.0	D	146	M2.9		350/II
	495	04 26	Ha	19:17	1.6	12322	N12 W36	SN	1-/5	346/I
			Ha	19:33	1.6	12322	N13 W36	SN		350/II
			SXR	19:17	2.5	D	146	M8.6		
246	495_1	04 28	Ha	00:02	0.9	12323	S08 E08	SN	---	346/I
			SXR	00:02	2.0	BP	146	C1		350/II
247	495_2	04 29	Ha	01:33	0.6	12322	N14 W65	SN	1+/3	346/I
			Ha	01:32	0.8	12322	N15 W66	SN/M1.4		350/II
			Ha	02:52	0.2	12322	N13 W65	SF		
			SXR	00:20	2.5	D	146	M1.4		
	496	04 29	Ha	04:14	0.3	12322	N12 W65	1N/C9	1-/3	346/I
			LPS	06:25	0.5	12332	S10 E90			350/II
			Ha	06:25	1.1	12322	N12 W65	SB		
			SXR	06:25	2.0	D	146	M5.0		
	497	04 29	Ha	09:59	0.5	12322	N12 W74	SB	2-/5	346/I
			Ha	10:35	0.4	12322	N13 W65	SN	1-/1	350/II
			Ha	10:15	1.1	12322	N12 W66	1N		
			SXR	09:59	3.0	D	146	M2.2		

248	497_1	04 29	Ha	18:39	0.5	12322	N13 W73	SN	2-/5	346/I
		1973	SXR	18:39	2.0	D	146	M2.7		350/II
	498	04 29	Ha	20:56	1.7	12322	N14 W73	2B	3+/5	346/I
			Ha	21:58E	1.0	12322	N13 W75	1B		350/II
			SXR	20:56	3.0	D	146	X1.7		
249	498_1	04 30	Ha	01:50E	0.5D	12323	S02 W19	SF	---	346/I
			SXR	00:10	2.5	A	092	C4		350/II
250	498_2	04 30	Ha	05:52	1.9	12323	S05 W22	1B	1+/5	346/I
			Ha	05:55E	1.9	12323	S04 W24	2N		350/II
			Ha	06:32	1.2	12323	S04 W21	SB		
			SXR	05:53	2.5	A	092	M4.3		
251	498_3	04 30	Ha	17:37	0.5	12322	N14 W88	SB	1+/5	346/I
			SXR	17:28	2.0	D	146	M3.6		350/II
252	498_4	04 30	Ha	22:47	0.4	12322	N13 W89	SB	2/5	346/I
			SXR	22:47	2.0	D	146	M7.2		350/II
	499	05 01	Ha	02:43	0.1D	12322	N12 W90	SB	1/5	347/I
			Ha	03:05E	0.7D	12322	N13 W90	1B		351/II
			Ha	04:24E	4.8	12322	N13 W90	2B		
			SXR	02:31	5.5	D	146	X2.1		
253	499_1	05 01	Ha	11:15	0.3	12322	N15 W90	1N/C7.7	1+/5	347/I
			Ha	11:52	0.5	12322	N15 W90	1B	1+/5	351/II
			SXR	11:15	2.0	D	146	M3.6		
254	500_1	05 01	Ha	16:50	0.2D	12336	S13 E69	SN	1+/3	347/I
			Ha	17:36	0.1	12336	S14 E74	SF		351/II
			SXR	15:52	2.0	D	335	C4		
255	500_2	05 01	Ha	18:25	0.5	12336	S14 E74	SF	1+/5	347/I
			SXR	18:25	2.0	D	335	C9		351/II
	504	05 02	Ha	20:39	0.9	12336	S14 E59	SB	2+/5	347/I
			Ha	21:48	0.2	12336	S12 E58	SN		
			SXR	20:39	2.0	D	335	M5.0		
256	504_1	05 02	Ha	23:13	1.0	12336	S13 E59	SN	1-/5	347/I
			SXR	23:13	2.0	D	335	C8.3		351/II
257	504_2	05 03	Ha	01:45	0.9	12336	S15 E53	SN	2/5	347/I
			SXR	01:45	2.0	D	335	M2.9		351/II
258	504_3	05 03	Ha	03:57	0.6	12336	S15 E55	SB	1+/3	347/I
			SXR	03:57	2.0	D	335	M2.9		351/II
259	505_1	05 04	Ha	06:08	0.6	12336	S14 E38	SN	1-/3	347/I
			SXR	06:08	2.0	D	335	C4.5		351/II
260	506_1	05 04	Ha	22:45E	0.1D	12336	S14 E31	SN	1/1	347/I
			Ha	23:01E	0.2D	12336	S15 E32	SF		351/II
			SXR	22:15	2.0	D	335	C7.4		

	506	05 04	Ha	14:20	0.5	12336	S13 E38	SN/C4 1/3	347/I
		1973	Ha	14:18	0.5	12336	S12 E39	SN	351/II
			Ha	14:54	0.7	12336	S13 E37	1N 1/5	
			Ha	15:37	0.4	12336	S14 E37	SB	
			SXR	14:20	3.5	D	335	M1.4	
261	506_2	05 05	Ha	04:19	0.2	12336	S12 E47	SF ---	347/I
			Ha	04:23	0.3	12336	S13 E66	SN	351/II
			Ha	04:23	0.2	12336	S15 E21	SN	
			Ha	04:56	0.3	12336	S15 E25	SN/C7.6 1-/3	
			Ha	05:22	0.6	12336	S15 E24	SN/C9.8 1-/3	
			Ha	06:34	0.8	12336	S15 E24	SN 1-/3	
			SXR	04:19	3.0	D	335	C8	
	507	05 05	Ha	09:28	0.7	12336	S15 E21	1N/M2.0 2/5	347/I
			Ha	11:08	0.3	12336	S14 E21	SN ---	351/II
			Ha	11:38	0.2	12336	S12 E24	SN	
			Ha	11:59	0.2	12336	S14 E22	SF	
			SXR	09:28	2.5	BY	338	M2.0	
	508	05 05	Ha	16:25	0.2	12336	S14 E21	SN ---	347/I
			Ha	16:55	0.4	12336	S16 E18	SF 3/5	351/II
			Ha	17:02	1.5	12336	S15 E19	1B/X3.8	
			SXR	16:25	2.5	BY	338	X3.8	
262	508_1	05 05	Ha	19:23	1.7	12336	S17 E16	SN 1/5	347/I
			SXR	19:23	2.0	BY	338	C7	351/II
263	508_2	05 07	Ha	04:42	0.7	12336	S16 W03	SN	347/I
			Ha	07:30	0.4	12336	S14 W01	SF/M1.5	351/II
			Ha	07:25	0.5	12336	S12 E00	SN	
			Ha	08:37	0.6	12336	S15 W04	SN/C5.3	
			SXR	07:30	2.0	BY	338	C4	
	509	05 07	Ha	19:53	0.7	12336	S18 W04	SN ---	347/I
			Ha	19:48	0.8	12336	S16 W08	SF	351/II
			Ha	20:53E	0.6D	12336	S18 W14	SF/C5.3	
			Ha	21:08E	0.2D	12336	S13 W10	SF	
			SXR	19:53	2.0	D	340	C5	
264	510_1	05 09	Ha	06:20	1.5	12332	S15 W43	SF ---	347/I
			Ha	06:23	1.5	12332	S15 W43	1F	351/II
			Ha	06:36	1.0	12332	S13 W46	1N	
			SXR	06:20	2.0	BP	355	C4	
265	510_2	05 10	Ha	15:39	0.5	12336	S12 W45	SF ---	347/I
			Ha	16:36	0.6	12336	S08 W43	SN 1-/1	351/II
			SXR	15:39	2.0	D	340	C4	
	511	05 13	SXR	23:31	3.5	12352	N13 E80	AP-156 C3.7	351/II
266	511_1	05 14	SXR	06:00	6.0	12352	N13 E80	AP-156 C4	351/II

267	511_2	05 18	Ha	03:53	0.2	12352	N11 E42	SF	1-/3	347/I
		1973	SXR	03:53	2.0	AP	150	C3		351/II
268	511_3	05 19	Ha	00:03	0.6	12352	N06 E29	SN	---	347/I
			Ha	00:55	1.0	12352	N07 E25	SN		351/II
			Ha	10:02	0.2	12352	N11 E26	SN		
			SXR	02:16E	4.0	AP	150	C3.2		
269	511_4	05 19	Ha	22:33	1.0	12352	N09 E19	2B	2+/5	347/I
			SXR	22:33	2.0	AP	150	X2.1		351/II
	512	05 20	Ha	05:16	0.5	12349	S10 W33	SN	2-/5	347/I
			Ha	05:58	1.1	12349	S09 W33	1B		351/II
			SXR	05:26	3.0	BP	201	M5.0		
270	512_1	05 22	Ha	17:16	0.8	12352	N13 W19	SN	---	347/I
			SXR	17:16	2.0	AP	150	C5		351/II
271	514_1	05 25	Ha	01:52	0.9	12352	N14 W52	1N	1-/3	347/I
			SXR	01:52	2.0	AP	150	C3.8		351/II
272	514_2	05 27	Ha	13:21	0.5	12357	S00 W33	SN	---	347/I
			Ha	14:17	0.2	12357	S01 W35	SN		351/II
			Ha	16:06	0.2	12357	S01 W37	SN	1-/1	
			SXR	13:21	3.5	BP	101	C3		
273	514_3	05 28	Ha	12:42	0.3	12357	S00 W47	SN	---	347/I
			SXR	12:42	2.0	BP	101	C2		351/II
274	514_4	06 09	Ha	18:15	0.5	12379	N16 E45	SN	1-/3	348/I
			SXR	18:15	2.0	BP	210	C3		352/II
275	515_1	06 13	Ha	03:21E	0.1D	12387	N12 E58	1F	---	348/I
			Ha	05:39	1.0	12387	N13 E56	SB		352/II
			Ha	06:53E	0.9D	12387	N12 E56	SF	1-/1	
			SXR	03:21	3.0			C1		
276	515_2	06 14	Ha	02:06	2.4	12375	N12 W67	1N	---	348/I
			SXR	02:06	2.5	BP	268	C1		352/II
	516	06 16	Ha	14:19	0.9	12387	N13 E11	2B	1-/1	348/I
			Ha	14:24	0.3	12389	N04 E04	SF/M2.	72/5	352/II
			Ha	15:36	0.7	12387	N14 E11	SN/C2		
			SXR	14:19	3.0	BP	150	M2.7		
277	516_1	06 19	SXR	23:00	6.0	12397	S08-066	C1	---	352/II
278	517_1	06 24	Ha	06:45	1.0	12397	S08 W02	SN	---	348/I
			SXR	06:45	2.0	BP	066	C2		352/II
279	517_2	06 26	Ha	00:38	0.5	12397	S09 W27	SN	1-/1	348/I
			SXR	00:38	2.0	BP	066	C1		352/II
	518	06 26	Ha	01:57	2.1	12397	S08 W27	1B	1-/3	348/I
			SXR	01:42	3.5	BP	066	C9.7		352/II
			Ha	01:35	1.4	12397	S09 W28	SB		

280	518_1	06	26	Ha	23:40	0.5	12402	S12 W17	SN	---	348/I
				SXR	23:40	2.5	BP	037	C1		352/II
281	518_2	06	28	Ha	08:01	0.7	12402	S11 W37	SN	1-/1	348/I
				SXR	08:01	2.0	BP	037	C1		352/II
282	523_1	07	04	Ha	02:02	0.6	12414	S08 E13	SB	1-/3	349/I
				SXR	02:02	2.0	AF	279	C4.1		353/II
283	523_2	07	08	Ha	06:53	0.5	12427	N02 W13	SF	---	349/I
				Ha	08:12	0.5	12417	N12 W34	SB	1-/1	353/II
				SXR	08:12	2.0	BP	271	C4.1		
284	523_3	07	08	Ha	18:44	0.2	12417	N12 W40	SF	---	349/I
				Ha	19:06	0.4	12417	N10 W40	SN	1-/3	353/II
				SXR	19:06	2.0	BP	271	C4.1		
	524	07	08	SXR	23:51	2.0	12417?	N12-271	C4.8	---	353/II
285	524_1	07	09	Ha	05:05	0.7	12417	N11 W45	SN	1-/5	349/I
				Ha	05:02	1.8	12417	N11 W49	1N		353/II
				SXR	05:02	2.0	BP	271	C9.4		
286	525_1	07	18	Ha	02:17	0.8	12431	N14 W46	SN	1-/1	349/I
				Ha	03:00	0.2	12431	N13 W46	SN		353/II
				SXR	02:17	2.0	B	152	C1		
	526	07	23	Ha	20:05	0.6D	12449	N16 W30	SF	---	349/I
				SXR	15:00	6.0	AP	061	C1		353/II
	527	07	27	Ha	09:54	0.2	12461	N11 E68	SN	---	349/I
				Ha	10:23	0.5	12460	S06 E58	SN	1-/1	353/II
				SXR	09:54	2.0	AP	280	C1		
	528	07	29	Ha	13:13	2.1	12461	N14 E45	3B	2+/5	349/I
				Ha	13:15	5.0	12461	N14 E44	3B		353/II
				Ha	14:41	2.6	12461	N14 E43	3B		
				SXR	13:10	5.5	AP	280	M7.1		
	529	08	06	Ha	06:25	0.8	12474	N07 W05	1N	1+/5	350/I
				Ha	06:42	0.9	12474	N07 W05	SB		354/II
				SXR	06:25	2.0	D	217	M1.8		
287	529_1	08	06	Ha	08:37	1.0	12474	N07 W06	1N	---	350/I
				Ha	08:47	2.0	12474	N07 W05	1N	2/5	354/II
				SXR	08:37	2.5	D	217	C9		
288	529_2	08	06	Ha	14:02	0.5	12474	N07 W09	SN	1/5	350/I
				Ha	14:36	0.2	12474	N07 W07	SN		354/II
				SXR	14:02	2.0	D	217	C7.0		
289	529_3	08	07	Ha	13:07	0.5	12474	N07 W23	SN	---	350/I
				Ha	14:25	0.4	12474	N07 W24	SN	---	354/II
				SXR	13:07	2.0	D	217	C5		
290	529_4	08	10	Ha	00:14	0.4	12474	N08 W54	SN	1-/1	350/I

290	529_4	08	10	Ha	01:51	0.1	12474	N08 W55	SN	---	350/I
				SXR	00:14	2.0	D	217	C6		354/II
291	529_5	08	11	SXR	12:00	3.0	12474	N08-217	C1	---	354/II
292	529_6	08	13	SXR	20:00	4.0	12472	AP-S09-197	C1	---	354/II
293	530_1	08	27	Ha	16:58	0.5	12488	N12 W60	SN	---	350/I
				SXR	16:58	2.0	BP	349	C1		354/II
294	530_2	08	29	Ha	22:30E	0.1D	12503	N02 W08	SN	---	350/I
				SXR	21:00	2.5	B	270	C1		354/II
295_1	530_3	09	02	Ha	04:00	2.3	12512	S18 E55	1B	---	351/I
				Ha	05:31	0.4	12512	S18 E56	SN	1-/1	355/II
				SXR	04:00	2.0	AP-C	163	C2		
295_2	530_3	09	02	Ha	06:14	0.3	12512	S18 E55	1N		351/I
				SXR	06:16	2.0	AP-C	163	C4.6		355/II
	532	09	06	Ha	09:12	0.3	12511	N06 W90	1B	2/3	351/I
				SXR	09:14E	2.0	B-B	252	X1.1		355/II
296	533_1	09	07	Ha	02:10	1.7	12507	S13 W43	SN	---	351/I
				SXR	02:10	2.0	AP - C	194	C2		355/II
297	533_2	09	07	Ha	06:43	0.3	12501	N10 W90	SN	---	351/I
				SXR	06:43	3.0	Ø	220	C3		355/II
298	533_3	09	07	Ha	08:50	0.2	12507	S16 W42	SN	---	351/I
				SXR	08:50	3.0	AP - C	194	C4		355/II
	534	09	07	Ha	11:41	2.0	12507	S18 W46	2B	3/5	351/I
				Ha	12:06	1.5	12507	S16 W47	3B		355/II
				SXR	11:42	4.5	BP-C	192	X1.4		
299	534_1	09	07	Ha	17:14	0.4	12513	S16 E07	SF	---	351/I
				SXR	16:05	2.0	BP-C	136	C4.5		355/II
300	534_2	09	08	Ha	12:16	0.7	12513	S11 W03	1N	1-/3	351/I
				SXR	12:31	2.0	B - D	136	C3.8		355/II
	535	09	10	Ha	02:23	0.5	12520	S11 W41	SN	1-/3	351/I
				Ha	02:27	0.5	12512	S17 W45	SN		355/II
				Ha	02:34	0.8	12512	S18 W44	SF		
				Ha	02:56	0.5	12520	S10 W41	SN		
				SXR	02:20	3.0	B - B BP- C	163 152	M1.3		
301	535_1	09	10	Ha	11:40	0.6	12520	S10 W46	SF	1-/1	351/I
				Ha	11:50	0.5	12508	N23 W90	SN		355/II
				Ha	12:11	0.3	12513	S10 W32	SN		
				SXR	11:30	2.5	BP - C BP - C	152 201	C3		
302	535_2	09	10	SXR	21:20	2.0	12513	B/D-136	C2		355/II
	537	09	11	Ha	17:00	0.6D	12513	S12 W43	2N	---	351/I
				SXR	17:00	7.0	B - B	136	C5		355/II
303	537_1	09	15	SXR	06:00	2.0	12522?	AP - A -342	C5		355/II

304	537_2	09 15	Ha	22:43	0.2	12522	S08 E54	SF	---	351/I
		1973	SXR	22:43	2.0	A - A	342	C4		355/II
305	537_3	09 17	Ha	01:50	0.2	12522	S10 E37	SF	---	351/I
		09 16	SXR	23:40	4.0	A - A	342	C3		355/II
306	537_4	09 25	Ha	00:34	1.0D	12541	N29 E73	1N	---	351/I
			Ha	01:35	1.0D	12535	N15 E22	SF		355/II
			SXR	00:20	4.0	AP -J B - D	195 254	C9		
307	537_5	09 25	Ha	17:16	0.4	12530	N05 W16	SF	---	351/I
			SXR	17:16	2.0	AP - H	261	C2		355/II
308	537_6	09 26	Ha	03:53	0.1	12532	N05 E04	SF	---	351/I
			SXR	03:53	2.0	B -	254	C2		355/II
309	537_7	09 30	Ha	05:36	0.8	12535	N08 W53	SF	---	351/I
			SXR	05:36	2.5	AP - J	261	C5		355/II
310	537_8	10 04	Ha	10:32	1.8	12540	S14 W44	SN	x	352/I
			Ha	10:31	2.0	12540	S15 W43	1N		356/II
			Ha	11:12	1.1	12540	S13 W45	1N		
			SXR	10:32	2.5	B - B	195	C4		
	538	10 05	Ha	02:48	1.3	12540	S13 W55	SN	x	352/I
			Ha	02:52	1.0	12540	S15 W53	SF		356/II
			SXR	02:40	3.0	B - B	195	C2		
311	538_1	10 05	Ha	19:28	0.5	12542	S15 W42	SF	x	352/I
			Ha	19:37	1.0	12540	S12 W59	SF		356/II
			SXR	19:37	2.0	B - B B - B	173 195	C1		
312	538_2	10 06	Ha	01:36	0.6	12542	S14 W45	SN	x	352/I
			SXR	01:36	2.0	B - B	173	C3		356/II
	539	10 06	Ha	02:54	1.9	12542	S15 W49	SF	x	352/I
			Ha	03:12	1.8	12542	S17 W46	1N		356/II
			SXR	02:54	3.0	B - B	173	C4		
313	540_1	10 20	SXR	18:00	6.0	12584?	B-D-201/S	C1	x	356/II
314	540_2	10 23	Ha	21:36	0.5	12584	S16 E51	SN	x	352/I
			SXR	21:00	2.5	BP-D	201	C1		356/II
315	540_3	10 27	Ha	02:15	0.4D	12584	S16 E23	SF	x	352/I
			SXR	02:00	2.0	BP-D	201	C1		356/II
316	542_1	10 30	Ha	04:41E	0.5D	12590	N13 E15	SN	x	352/I
			SXR	04:40	2.0	AP - J	155	C1		356/II
317	544_1	11 02	Ha	02:00	0.4	12584	S14 W58	SN	x	353/I
		11 01	SXR	23:40	3.0	AP - C	201	C1		357/II
	546	11 04	SXR	19:35	3.5	12584?	S14-H-201	C4		357/II
318	547_1	11 24	Ha	00:03E	0.1D	12628	S13 E54	SN	x	353/I
			Ha	00:29E	0.3D	12628	S13 E55	SN		357/II
		11 23	SXR	23:30	2.0	AP - D	155	C1		

319	547_2	11 26	Ha	13:39	0.4	12628	S09 E11	1N	x	353/I
			Ha	15:20	0.3	12628	S07 E10	1B		357/II
			SXR	13:32	2.5	BP - D	155	M1.8		
320	548_1	11 28	Ha	05:33	0.4	12628	S09 W04	SF	x	353/I
			SXR	05:00	2.0	AP - C	155	C1		357/II
321	548_2	11 28	Ha	09:48	0.4	12628	S09 W05	SN	x	353/I
			SXR	09:30	2.5	AP - C	155	C1		357/II
322	548_3	11 29	Ha	04:45	0.5	12628	S09 W19	SB	x	353/I
			Ha	06:46	1.1	12628	S09 W19	SB		357/II
			SXR	04:00	4.0	AP - C	155	C1		
	549	11 30	Ha	19:47	0.6	12628	S15 W37	SF	x	353/I
			SXR	14:40	6.0	AP-B+C	150	C6		357/II
	550	12 02	Ha	01:56	0.6	12628	S15 W57	SN	1-/3	354/I
			Ha	03:56	0.2D	12628	S10 W58	SN		358/II
			SXR	01:56	3.0	AP-B+B	150	C8.9		
323	550_1	12 02	Ha	08:59	0.3	12628	S13 W61	SB	1-/3	354/I
			SXR	08:20	2.0	AP-B+B	150	C2		358/II
324	550_2	12 02	Ha	12:21	0.3	12628	S13 W64	SF	---	354/I
			SXR	11:50	2.0	AP-B+B	150	C1		358/II
325	550_3	12 02	Ha	15:05	0.5	12628	S13 W64	1N	1-/5	354/I
			Ha	16:06	0.4	12628	S13 W66	SF		358/II
			SXR	15:05	2.0	AP-B+B	150	M1.3		
326	550_4	12 16	Ha	07:44	0.3	12664	S18 E87	SN	---	354/I
			Ha	07:48	0.9	12664	S17 E88	SF		358/II
			SXR	07:44	2.0	BP - C	193	C1		
327	551_1	12 16	Ha	21:45	0.3	12664	S19 E77	SF	1-/3	354/I
			Ha	23:54	0.3	12664	S17 E77	SN	1-/1	358/II
			SXR	21:45	2.0	BP-C	193	M1.3		
328	551_2	12 17	Ha	00:29	0.5	12664	S17 E77	1B	1-/3	354/I
			SXR	00:29	2.0	BP - C	193	M1.3		358/II
329	551_3	12 19	Ha	01:24	0.4	12664	S16 E45	SN	---	354/I
			SXR	01:24	2.0	AP-C	193	C1		358/II
330	551_4	12 19	Ha	07:56	0.4	12664	S17 E43	SN	---	354/I
			SXR	07:56	2.0	BP- C	193	C1		358/II

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331	551_5	01 13	Ha	22:00	x	12694	S11 E12	-	---	359/II
			SXR	22:00	2.0	BP - C	246	C2		355/I
	552	01 14	Ha	02:03	0.2	12706	S10 E84	-	---	359/II
			SXR	03:34	3.0	AP -J	177	C8-M2		355/I

332	552_1	01 14	Ha	-	-	12706	S10 E84	-	---	359/II
		1974	SXR	09:24	2.0	AP - J	177	C4.5		355/I
333	552_2	01 15	Ha	08:28	0.5	12686	N07 W86	-	---	359/II
			SXR	09:00	2.0	AP - C	310	C5		355/I
	553	01 15	Ha	10:50	0.5	12686	N08 W85	1N	1-/3	359/II
			Ha	11:27	0.3	12706	S14 E62	SN		355/I
			SXR	10:54	4.0	AP - C AP - J	310 177	M1.3		
	554	01 16	Ha	06:29	-	12686	N08 W90	-	---	359/II
			SXR	06:29	2.0	AP - C	310	M1.8		355/I
334	554_1	01 16	Ha	21:50	-	12694	S12 W26	---	---	359/II
			SXR	21:50	2.0	AP - C	246	C2		355/I
335	554_2	01 17	SXR	08:55	2.0	12694	S12-246/J	C1	---	359/II
336	554_3	01 17	SXR	20:00	2.0	12694	S12-246/J	C1	---	359/II
337	555_1	01 21	Ha	22:44	0.9	12708	N06 W51	SN	1-/1	359/II
			SXR	23:20E	2.5	BP - B	196	C7.6		355/I
338	556_1	01 23	SXR	19:20	2.0	12703 B - B	S17 W65 186	C1	---	359/II
339	560_1	02 16	Ha	06:10	2.5	12749	S12 W60	SF	---	360/II
			SXR	06:10	3.5	BP- C	232	C6		364/II
340	560_2	02 20	Ha	23:19	0.4	12752	S19 W38	SB	1-/1	360/II
			SXR	23:19	2.0	BP- E	151	C4		364/II
	561	02 21	Ha	13:06	0.6	12752	S18 W44	SN	2-/5	360/II
			Ha	13:14	0.6	12752	S18 W48	SN		364/II
			SXR	13:16	2.0	BP - E	151	C4-C9		356/I
341	561_2	02 22	Ha	00:47	0.2	12752	S17 W46	1N	---	360/II
			SXR	00:47	3.0	BP - E	151	C3		364/II
342	561_3	02 25	Ha	18:46	1.3	12747	S16 W90	SN	1/5	360/II
			SXR	18:45	2.0	BP - D	132	C4		364/II
343	561_4	03 06	Ha	06:12	0.5	12781	N12 E50	1F	---	361/II
			SXR	06:12	2.0	BP - C	249	C2		357/I
344	561_5	03 06	Ha	15:53	2.0	12781	N12 E48	SF	---	361/II
345	561_6	03 07	Ha	08:43	0.1D	12781	N11 E36	1F-C	---	361/II
346	561_7	03 09	SXR	10:40	2.0	12794 BP-Ø	S10 E90 177	C5	1-/1	361/II
347	561_8	03 12	Ha	20:46E	0.1D	12791	N03 W31	SF	1-/1	361/II
			SXR	20:38	2.0	BP- C	242	C		357/I
348	561_9	03 17	Ha	17:40	-	12811	S15 E90	SF	1-/1	361/II
			SXR	17:40	2.0	Ø	063	C2		357/I
349	561_{10}	03 21	Ha	04:22E	0.1D	12812	S08 E49	SF	1-/1	361/II
			SXR	04:22E	2.0	AP -C	056	C3		357/I

350	561_{11}	03 23	SXR	15:00	2.0	12812?	S09-056	C3	1-/5	361/II
351	561_{12}	03 29	Ha	00:59	0.3	12834	N09 W42	SF	---	361/II
		1974	SXR	00:59	2.0	BP-B	041	C5		357/I
352	561_{13}	04 01	Ha	15:02	0.6	12834	N09 W90	SF	---	358/I
			SXR	15:02	2.0	BP- J	041	C3		
353	561_{14}	04 01	SXR	12:00	2.0	12834?	N09 W90	C3	---	358/I
354	561_{15}	04 09	Ha	07:26	0.2D	12848	S11 E25	SN	1-/1	358/I
			SXR	07:42	2.0	BP -E	185	C5		365/II
355	561_{16}	04 10	Ha	07:10	0.9	12848	S14 E15	SB	1-/3	358/I
			SXR	07:08	2.0	BP - E	185	C5		365/II
356	561_{17}	04 12	Ha	05:57	1.3	12848	S11 W13	SN	1/3	358/I
			SXR	05:26	2.0	BP - F	185	C5		365/II
357	561_{18}	04 12	Ha	23:33	0.1	12848	S08 W22	SN	1-/5	358/I
		04 13	Ha	00:13	15.3	12848	S11 W28	1B		365/II
		04 12	SXR	23:33	2.0	D-EKC	185	M1		362/I
358	561_{19}	04 13	Ha	00:19	1.9	12848	S14 W26	SB	2-/3	358/I
			Ha	01:25	0.6	12848	S12 W28	1B		365/II
			SXR	01:25	2.0	D-EKC	185	M3.1		
	562	04 13	Ha	00:19	2.2	12848	S13 W27	1N	2-/3	358/I
			Ha	02:38	0.4	12849	S16 W07	SF		365/II
			SXR	02:38	2.0	D-EKC	185	C5		
359	562_{1}	04 13	Ha	04:05	2.0	12848	S12 W31	1B/M2	1/3	358/I
			Ha	06:56	0.7	12848	S13 W31	1B		362/I
			SXR	04:05	2.0	D-EKC	185	M3.5		365/II
360	562_{2}	04 13	Ha	07:49	0.7	12848	S12 W29	1B	2/5	358/I
			Ha	08:37	0.4	12848	S11 W32	1N		365/II
			SXR	07:40	1.5	D-EKC	185	X1.3		362/I
361	562_{3}	04 13	Ha	09:24	0.6	12848	S11 W32	SN	2/5	358/I
			SXR	09:24	2.0	D-EKC	185	M1.8		365/II
362	562_{4}	04 13	Ha	10:47	0.4	12848	S12 W33	1N	2/5	358/I
			SXR	10:47	2.0	D-EKC	185	M7.8		365/II
363	562_{5}	04 13	Ha	15:41	0.5	12848	S12 W36	SB	3-/5	358/I
			SXR	15:41	2.0	D-EKC	185	M4.8		365/II
364	562_{6}	04 16	Ha	16:20	0.5	12849	S13 W55	1B	3/5	358/I
			SXR	16:20	2.0	D-DAI	165	M2		362/II
365	562_{7}	04 17	Ha	11:40	2.6	12849	S14 W66	SF	2/5	358/I
			SXR	11:00	2.0	D-DAI	165	C9		365/II
366	562_{8}	04 18	SXR	00:35	2.0	12848?	S15 W90	C9	2/5	358/I
367	562_{9}	04 18	SXR	19:58	2.0	12849?	S14 W90	C9	2/5	365/II

	563	04 19	Ha	08:05	0.1	12856	S13 W49	SF	2/5	358/I
		1974	Ha	08:12	0.1	12856	S13 W54	SF		365/II
			Ha	08:54	0.2	12856	S12 W51	SF	2/3	362/II
			SXR	07:18	3.0	B-DSO	124	M1.3		357/I
368	563_1	04 20	Ha	07:42	0.5	12856	S13 W62	SN	---	358/I
			SXR	07:30	2.0	BP-ESO	126	C9		362/II
369	563_2	04 20	Ha	14:28	0.1	12856	S13 W62	SF	---	358/I
			SXR	13:10	3.0	BP-ESO	126	C9		362/II
370	563_3	04 22	Ha	01:26	0.2	12856	S14 W80	SB	1-/3	358/I
			SXR	01:26	2.0	B-ESO	126	C7		362/II
	564	04 23	Ha	20:44	0.1D	12884	S08 E27	SF	---	358/I
			SXR	17:10	4.0	BF-BXO	352	C4		362/II
371	564_1	04 30	Ha	02:07E	0.2D	12906	S08 E90	1B	1+/5	358/I
			SXR	02:05	2.0	AP-DKC	203	M1		362/II
373	564_3	05 01	Ha	10:02	0.4	12906	S11 E76	2B	2/5	359/I
			SXR	10:02	2.0	D-DCK	202	M1		363/II
374	564_4	05 01	Ha	12:25	0.1	12906	S09 E75	SB	1-/5	359/I
			SXR	12:25	2.0	D-DCK	202	C5		363/II
375	564_5	05 02	Ha	08:28	0.3	12906	S12 E74	SN	1+/3	359/I
			SXR	08:28	2.0	D-DCK	202	C5		363/II
376	564_6	05 02	Ha	15:04	1.5	12904	S11 E36	SN	1-/3	359/I
			Ha	15:13	0.1	12906	S13 E75	SF		363/II
			SXR	15:10	2.0	AP-HSX	225	C5		
377	564_7	05 02	Ha	20:30E	0.7	12901	N08 W46	SF	1-/3	359/I
			SXR	20:30E	2.0	AP-C	300	C5		363/II
378	564_8	05 03	Ha	02:21	0.6	12906	S09 E51	SB	1-/5	359/I
			SXR	02:21	2.0	D-DCK	202	C5		363/II
379	564_9	05 03	Ha	14:00	0.4	12906	S08 E45	SN	1-/3	359/I
			SXR	14:00	2.0	D-DCK	202	C5		363/II
380	564_{10}	05 03	Ha	19:25	0.3	12906	S07 E46	SB	1/5	359/I
			Ha	20:02	0.1	12906	S07 E40	SF		363/II
			SXR	19:25	2.0	D-DCK	202	C5		
381	564_{11}	05 06	Ha	12:25	1.8	12894	N10 W56	SF	---	359/I
			SXR	12:25	2.0	AP-AXX	263	C1		363/II
382	564_{12}	05 06	Ha	14:18	0.5	12894	N11 W58	1F	1-/1	359/I
			SXR	14:18	2.0	AP-AXX	263	C3		363/II
383	564_{13}	05 06	Ha	22:46	1.5	12915	S17 E32	SN	---	359/I
			SXR	22:46	2.0	AP- J	173	C2		363/II
384	564_{14}	05 07	Ha	05:21	0.5	12906	S17 E14	1F	1/5	359/I
			SXR	05:21	2.0	AP-CKD	202	C5		363/II
385	564_{15}	05 07	Ha	12:56	0.8	12906	S12 E07	1N	1+/5	359/I
			SXR	12:56	2.0	AP-CKD	202	C5		363/II

386	564_{16}	05 08 1974	Ha	00:11	1.6	12906	S16 E03	1N	2-/5	359/I
			SXR	00:11	2.0	AP-CKD	202	M3		363/II
387	564_{17}	05 08	Ha	04:48	0.9	12906	S12 W01	SF	1-/1	359/I
			SXR	04:48	2.0	AP-CKD	202	C3		363/II
388	564_{18}	05 09	Ha	02:08	0.4	12906	S12 W15	1N	1-/1	359/I
			SXR	02:08	2.0	AP-DSO	202	C3		363/II
389	564_{19}	05 09	Ha	10:36	0.4	12906	S05 W38	1B	1-/3	359/I
			SXR	10:36	2.0	AP-DSO	202	C3		363/II
390	564_{20}	05 09	Ha	16:19	0.6	12906	S05 W40	1N	1-/1	359/I
			SXR	16:19	2.0	AP-DSO	202	C3		363/II
391	564_{21}	05 12	Ha	21:40	1.0	12906	S17 W63	1N	1-/5	359/I
			SXR	21:40	2.0	AP-HSX	202	C3		363/II
392	564_{22}	05 13	Ha	00:31	0.9	12906	S16 W65	1F	---	359/I
			SXR	00:31	2.0	AP-HSX	202	C2		363/II
393	564_{23}	05 13	Ha	21:18	2.2	12915	S13 W66	2N	1-/5	359/I
			SXR	21:18	3.0	AP-HSX	173	C5		363/II
394	564_{24}	05 16	Ha	23:09	1.1	12918	N07 W43	SF	---	359/I
			SXR	23:09	2.0	AP-C	113	C2		363/II
395	564_{25}	05 26	Ha	10:25	1.9	12968	S15 W38	SN	---	359/I
			SXR	10:25	2.0	B - B	344	C2		363/II
396	564_{26}	05 27	Ha	15:23	0.4	12968	S16 W52	SN	1-/1	359/I
			SXR	15:23	2.0	B - C	344	C4		363/II
397	564_{27}	05 27	Ha	17:28	0.5	12972	S13 E81	SN	1-/5	359/I
			SXR	17:28	2.0	A - A	216	C3		363/II
398	564_{28}	05 27	Ha	22:23E	0.1D	12968	S17 W57	SN	1-/3	359/I
			SXR	22:23E	2.0	B - C	344	C2		363/II
399	564_{29}	05 30	Ha	07:20	0.3	12977	S24 E90	1B	1-/1	359/I
			SXR	07:20	2.0	BP-HAX	166	C1		363/II
400	564_{30}	05 30	Ha	08:24	0.3	12977	S12 E87	SN	1-/1	359/I
			SXR	08:24	2.0	BP-HAX	166	C2		363/II
401	564_{31}	05 30	Ha	14:43	0.5	12977	S17 E87	SF	1-/5	359/I
			SXR	13:46	2.0	BP-HAX	166	C3		363/II
402	564_{32}	05 30	Ha	18:35	0.1	12977	S11 E78	SF	1-/5	359/I
			SXR	18:35	2.0	BP-HAX	166	C3		363/II
403	564_{33}	05 30	Ha	22:52E	0.3D	12977	S14 E84	1N	1-/5	359/I
			SXR	22:52E	2.0	BP-HAX	166	C3		363/II
404	564_{34}	05 31	Ha	01:59E	0.1D	12977	S16 E80	1N	1-/1	359/I
			Ha	03:29E	0.1D	12977	S14 E78	SF	---	363/II
			SXR	01:59	2.0	BP-EAI	166	M1		
405	564_{35}	05 31	Ha	09:55E	0.9D	12977	S15 E75	1B	1/5	359/I
			SXR	09:55E	2.0	BP-EAI	166	C5		363/II

406	564_{36}	05 31	Ha	11:33	1.2	12977	S13 E76	1F	1+/5	359/I
		1974	SXR	11:33	2.0	BP-EAI	166	M1		363/II
407	564_{37}	05 31	SXR	21:40	2.5	12977	S13-166	M1	1-/5	359/I
408	564_{38}	06 01	Ha	11:54	0.2	12977	S14 E60	SN	1-/3	360/I
			Ha	11:58	0.5	12972	S12 E30	SF		364/II
			SXR	11:54	2.0	BP-DSI	166	C3		
409	564_{39}	06 01	Ha	15:40	0.2	12977	S12 E56	SN	1-/5	360/I
			SXR	15:40	2.0	BP-DSI	166	C3		364/II
410	564_{40}	06 02	SXR	00:43	2.0	12977	S14-166	C3	1-/5	360/I
411	564_{41}	06 02	Ha	04:20	0.3	12977	S13 E48	1N	1-/5	360/I
			SXR	04:20	2.0	BP-DSI	166	C5		364/II
412	564_{42}	06 02	Ha	22:10E	0.1D	12977	S16 E42	SN	1-/5	360/I
			SXR	22:10E	2.0	BP-DSI	166	C3		364/II
413	564_{43}	06 03	Ha	22:20	1.7	12972	S13 W13	SB	---	360/I
			SXR	22:20	2.0	BP-DAO	205	C1		364/II
414	564_{44}	06 04	Ha	00:08	0.8	12972	S14 W13	1B	2-/5	360/I
			SXR	00:08	2.0	BP-AX	205	M2	IV	364/II
415	564_{45}	06 06	Ha	15:35	0.5	12972	S14 W46	1B	1/5	360/I
			SXR	15:35	2.0	AP-A	205	C5	IV	364/II
416	564_{46}	06 07	Ha	09:12	1.0	12977	S14 W26	1N	1+/1	360/I
			SXR	09:12	2.0	AP-A	205	C3		364/II
417	564_{47}	06 11	Ha	11:15	0.3	12993	N04 E35	SN	1-/1	360/I
			SXR	11:15	2.0	BP-D	061	C1		364/II
418	564_{48}	06 12	SXR	21:17	2.0	12981 B - B	N08-127	C1	1-/1	360/I
419	564_{49}	06 14	Ha	14:19	0.7	12993	N06 W09	1B	1-/5	360/I
			SXR	14:19	2.0	BP-EHI	061	C5		364/II
420	564_{50}	06 19	Ha	22:00	0.9	13002	S12 W08	SN	---	360/I
			SXR	22:00	2.0	BP-CAO	349	C1		364/II
421	564_{51}	06 21	Ha	18:05	2.5	13002	S21 W27	SF	1-/1	360/I
			SXR	18:05	2.5	AP-HAX	349	C5		364/II
422	564_{52}	06 23	Ha	05:11	0.5	13002	S14 W50	1N	1/3	360/I
			Ha	05:13	2.0	13002	S15 W50	2B	1+/5	364/II
			SXR	05:13	2.0	AP-BGO	349	M1		
423	564_{53}	06 24	Ha	15:08	0.4	13002	S13 W69	1N	---	360/I
			SXR	15:08	2.0	AP-AXX	349	C2		364/II
424	564_{54}	06 29	Ha	03:37	0.5	13043	S17 E69	1N	---	360/I
			SXR	03:37	2.0	D-EAI	149	C1		364/II
425	564_{55}	06 29	Ha	10:37	1.1	13043	S17 E59	1N	1-/1	360/I
			SXR	10:37	2.0	D-EAI	149	C3		364/II

426	564_{56}	06 29 1974	Ha	14:57	0.5	13043	S13 E56	SB	1/5	360/I
			SXR	14:57	2.0	D-EAI	149	C5		364/II
427	564_{57}	06 30	Ha	02:26	0.3	13043	S11 E49	SN	1-/3	360/I
			SXR	02:26	2.0	D-EAI	149	C5		364/II
428	564_{58}	06 30	Ha	07:03	0.6	13043	S13 E44	1N	2/5	360/I
			SXR	07:03	2.0	D -EAI	149	M5		364/II
429	564_{59}	06 30	Ha	22:23	0.8	13043	S12 E45	SB	2/5	360/I
			SXR	22:23	2.0	D - F	149	M5		364/II
430	564_{60}	07 01	Ha	16:12	0.6	13043	S14 E30	SN	2/5	361/I
			SXR	16:12	2.0	D-EKI	158	M1		365/II
431	564_{61}	07 01	Ha	18:02	1.2	13043	S14 E33	SN	1/5	361/I
			SXR	18:02	2.0	D-EKI	158	C9		365/II
432	564_{62}	07 01	Ha	22:05	0.8	13043	S13 E30	SB	1+/5	361/I
			SXR	22:05	2.0	D-EKI	158	M2		365/II
433	564_{63}	07 01	Ha	23:34	1.0	13043	S15 E27	SN	1-/5	361/I
			SXR	23:34	2.5	D-EKI	158	C9		365/II
	565	07 02	Ha	06:00	0.5	13043	S16 E22	SB	2/3	361/I
			Ha	06:29	1.3	13043	S16 E23	1N	2/5	365/II
			Ha	07:00	0.6	13043	S14 E23	1N	2+/5	
			SXR	06:06	4.0	D-EKI	158	M9		
434	565_1	07 02	Ha	09:44	0.4	13043	S16 E19	1N/M1	2+/5	361/I
			SXR	09:30	2.0	D-EKI	158	C1		365/II
435	565_2	07 02	Ha	13:48	0.5	13043	S16 E16	SF	1-/3	361/I
			SXR	13:48	2.0	D-EKI	158	C1		365/II
436	565_3	07 02	Ha	16:26	0.5	13043	S13 E10	SN	1-/5	365/II
			SXR	16:26	2.0	D-EKI	158	C3		361/I
437	565_4	07 02	Ha	19:23	1.6	13043	S17 E11	SN	1-/5	361/I
			SXR	19:23	2.0	D-EKI	158	C4		365/II
438	565_5	07 02	Ha	22:47	1.1	13043	S15 E14	1N	1/5	361/I
			SXR	21:50	2.5	D-EKI	158	M1		365/II
439	565_6	07 03	Ha	02:05	0.8	13043	S15 E06	SB	1/5	361/I
			SXR	02:05	2.0	D-FKC	158	C8		365/II
	566	07 03	Ha	02:59	1.2	13043	S15 E09	1B	2/3	361/I
			Ha	03:00	1.4	13043	S15 E08	1B		365/II
			Ha	04:17	0.3	13043	S14 E10	SN		
			SXR	02:59	4.0	D-FKC	158	M7		
440	569_1	07 04	Ha	16:41	0.4	13043	S16 W08	SN	1-/3	361/I
			Ha	17:04	0.3	13043	S17 W09	SN	1/3	365/II
			SXR	16:41	2.0	D-FKC	158	M1		
441	569_2	07 04	Ha	18:18	0.6	13043	S17 W10	1N	1/5	361/I
			SXR	18:18	2.0	D-FKC	158	M3		365/II

442	570_1	07 05	Ha	01:48	0.9	13043	S14 W15	SB	1-/5	361/I
		1974	Ha	02:20	0.7	13043	S16 W16	SF	1-/3	365/II
			SXR	01:48	2.0	D-FKC	158	M1		
443	570_2	07 05	Ha	11:59	0.6	13043	S15 W20	SN	1/5	361/I
			Ha	12:22	0.7	13043	S14 W22	SN	2/5	365/II
			SXR	11:59	2.0	D-FKC	158	M5		
444	575	07 07	Ha	08:07	3.4	13043	S16 W46	SN	1-/1	361/I
			Ha	09:20	1.9	13043	S16 W47	1B	1+/3	365/II
			Ha	10:38	0.7	13043	S18 W49	SB	2/5	
			SXR	09:20	3.0	D-EKC	158	X1		
445	576_1	07 07	Ha	18:25	0.4	13043	S15 W54	SN	1-/5	361/I
			SXR	18:25	2.0	D-EKC	158	C9		365/II
446	576_2	07 08	SXR	01:41	2.5	13043	S16-158	C3	1-/1	361/I
447	576_3	07 08	Ha	09:57	0.8	13043	S15 W61	SF	1/3	361/I
			Ha	10:27	0.3	13043	S16 W61	SN		365/II
			SXR	09:57	2.0	D-EKC	158	C2		
448	579_1	07 18	Ha	20:12	0.1	13063	S11 W18	SF	---	361/I
			Ha	20:26	0.6	13063	S11 W21	SF		365/II
			SXR	20:12	2.0	B-DAO	339	C1		
	596	09 22	Ha	22:30	2.0	13225	N13 W90	1B	---	367/II
		09 23	Ha	00:21E	0.4D	13225	N13 W90	1B		Don 1
			SXR	22:30	8.0	BP-D	268	M6		
449	598_1	10 04	Ha	14:15	0.7	13278	S18 E58	SF	1-/5	364/I
			SXR	14:15	2.0	BP-BXI	316	C2		Don 1
	599	10 05	Ha	14:05	0.3	13263	S08 W18	SN	1-/1	368/II
			Ha	15:08	0.6	13278	S20 E44	SN		Don 1
			SXR	14:05	2.0	BP-DSO	019	C8		364/I
450	599_1	10 05	Ha	17:37	0.1	13280	N09 E89	SF	---	368/II
			SXR	17:37	2.0	AP-CKO	277	C3		Don 1
451	599_2	10 06	Ha	01:12	0.7	13280	N06 E87	SF	1/5	368/II
			Ha	02:32	0.7	13280	N05 E81	1N	1/5	
			SXR	01:12	2.5	G-DKI	277	M1		Don 1
	600	10 06	Ha	21:17	0.8	13280	N11 E64	1N	1/5	368/II
			Ha	21:22E	0.7D	13280	N12 E63	SN		Don 1
			Ha	21:48	0.8	13278	S18 E23	SN		364/I
			SXR	21:17	2.0	G-DKI	277	M1		
452	600_1	10 08	Ha	11:14	0.8	13280	N07 E49	SN	1+/3	368/II
			SXR	11:14	2.0	BP-DKI	277	C2		Don 1
453	600_2	10 11	Ha	03:25	0.6	13280	N12 E02	1N/M1	2/5	368/II
			SXR	03:25	2.0	D-EKC	274	C5		Don 1
454	600_3	10 11	Ha	10:10	0.7	13280	N13 W03	1B	2+/5	368/II
			SXR	10:10	2.0	D-EKC	274	M1		Don 1

455	601_1	10 12	Ha	01:25	0.5	13280	N12 W10	SN	1-/1	368/II
			Ha	02:01	0.6	13280	N10 E03	SB		Don 1
			SXR	01:25	2.0	D-DKC	272	C5		364/I
	602	10 12	Ha	11:30	0.8	13280	N11 W05	1B	2+/5	368/II
			Ha	11:49	0.4	13280	N14 W16	SN		Don 1
			SXR	11:30	4.0	D-DKC	272	M1		364/I
456	602_1	10 12	Ha	18:58	0.5	13280	N11 W07	SN	1-/5	368/II
			SXR	18:58	2.0	D-DKC	272	C4		Don 1
457	602_2	10 13	Ha	05:09	0.7	13280	N11 W13	1B	1/3	368/II
			SXR	05:09	2.0	D-DKC	272	M1		Don 1
458	605_1	10 16	Ha	00:03	0.3	13280	N10 W53	SB	1-/1	368/II
			SXR	00:03	2.5	BP-DAI	278	C2		Don 1
459	605_2	10 16	Ha	08:35	1.5	13280	N11 W58	1N	---	368/II
			SXR	08:35	2.0	BP-DAI	278	C3		Don 1
460	606_1	10 17	Ha	04:12	0.8	13280	N10 W71	SB	1-/5	368/II
			SXR	04:12	2.0	BF-DKI	273	C3		Don 1
461	606_2	10 18	Ha	03:59	0.5	13280	N14 W86	SF	1-/1	368/II
			SXR	03:55	2.0	BF-DKI	272	C2		Don 1
462	610_1	11 06	SXR	01:05	2.0	13310 BP - J	S10 W90 024	C8	1-/3	365/I
463	611_1	11 06	Ha	12:17	0.3	13310	S13 W90	M1/SB	2/5	365/I
			SXR	12:17	2.0	BP- J	024	M1		369/II
464	611_2	11 06	Ha	13:45	0.9	13324	N15 E14	1B	1+/5	365/I
			Ha	14:15	0.5	13324	N15 E12	1N		Don 1
			SXR	13:45	2.0	BP-BX0	277	M1		
465	615_1	12 25	Ha	19:07	1.4	13383	N04 W26	1B	1-/3	366/I
			SXR	19:07	2.0	AP-HSI	035	C3		370/II
					1 9 7 5					
466	616_1	03 14	Ha	23:39	0.7	13532	S15 W70	1B	1-/3	369/I
			SXR	23:37	2.0	B-DRI	114	C3.2		368/I
467	616_2	03 16	Ha	19:18	0.6	13540	S16 W31	SF	1-/5	369/I
			SXR	19:01	2.0	BF-DSO	052	C3.2		368/I
468	616_3	07 13	Ha	16:09	0.6	13750	N04 W51	1N	1+/5	373/I
			SXR	16:03	2.0	B-DAI	300	C9.1		372/I
469	616_4	07 31	Ha	10:47	1.0	13786	N06 E64	1F	---	373/I
			SXR	10:47	2.0	BF-CSO	310	C1		372/I
470	616_5	07 31	Ha	23:39E	0.4	13786	N06 E56	SF	1-/1	373/I
			SXR	23:39E	2.0	BF-CSO	310	C3		372/I
471	616_6	08 01	SXR	16:25	2.0	13786	N05 E47	C5.1	1+/5	374/I

472	618_1	08 06	Ha	16:40	0.9	13786	N06 W16	SN	1-/5	374/I
			SXR	16:40	2.0	BF-DAI	311	C2		373/I
473	618_2	08 10	Ha	13:52	0.9	13786	N04 W71	SN	2/5	374/I
			SXR	13:52	2.0	AP-CRO	306	C9		373/I
474	630_1	11 17	Ha	11:45E	0.9	13937	S07 E30	SN	1/5	381/II
			SXR	11:45	2.0	D-DKI	345	C3		376/I
475	630_2	11 18	Ha	13:23E	2.0	13937	S07 E16	SN	---	381/II
			SXR	13:23	2.5	D-DKI	346	C1		376/I
476	632_1	11 26	SXR	22:00	2.0	13937	S07-345	C1	---	Don 1
					1 9 7 6					
477	633_1	01 12	SXR	02:16	2.0	14029	S09 E82	C3.2	---	383/II
478	634_1	01 12	Ha	09:50	0.4	14029	S10 E71	1N	---	383/II
			Ha	11:13	0.6	14029	S12 E76	SB	---	378/I
			SXR	09:50	2.0	BP-BAI	283	C1		
479	634_2	01 12	Ha	18:33	1.0	14029	S12 E74	SF	1/3	383/II
			SXR	16:50	2.0	D-ESI	283	C1		378/I
480	634_3	03 21	Ha	18:29	0.9	14127	N03 W34	SB	2/5	385/II
			SXR	18:38	2.0	D-EAI	198	M2.2		381/I
481	635_1	03 22	Ha	21:56	0.7	14127	N03 W51	SN	1/5	385/II
			SXR	21:52	2.0	BP-ESI	197	C5.1		381/I
	636	03 23	Ha	08:37	0.1	14143	S07 E90	SN	3/5	385/II
			Ha	09:07	0.6	14143	S07 E90	SN		381/I
			SXR	08:37	6.0	D-DKC	043	X1		
	638	03 25	Ha	11:54	0.6	14143	S06 E75	SN/M1	1/1	385/II
			Ha	13:05	1.4	14143	S05 E69	1N/C9	1/1	381/I
			Ha	16:36	1.9	14143	S05 E68	SN/C1	---	
			SXR	11:34	5.0	D-DKC	043	M1.1		
482	638_1	03 26	Ha	00:01	0.2	14143	S05 E64	SF	1/5	385/II
			SXR	00:01	2.0	D-DKC	043	C8		381/I
483	639_1	03 28	Ha	09:22	0.7	14143	S08 E31	SN	---	385/II
			SXR	09:00	3.0	D-DKC	042	C2		381/I
484	643_1	04 30	Ha	05:57	0.5	14179	S08 W38	SF	1/5	382/I
			SXR	05:47	2.0	D-DSC	042	C6.9		386/II
485	646_1	05 16	Ha	14:44	0.6	14203	S03 W65	SF	---	383/I
			SXR	14:44	2.0	BY-BXO	212	C1		387/II
486	003_1	09 03	SXR	23:00	2.0	14403 AP - C	N18-223	C1	---	387/I
	006	12 17	Ha	10:01	-	14558	S26 W46	-	---	390/I
			SXR	10:01	2.0	B-BXI	232	C1		394/II

487	006_1	12 18 1976	SXR	21:52	2.0	14558 B - B	S25 W61 234	C1	---	390/I
488	007_1	12 29	Ha	11:38	0.5	14579	S20 E16	SF	---	Don 1
			SXR	11:38	2.0	BP-CAO	013	B9	GLE	390/I

1 9 7 7

489	008_1	01 12	Ha	17:53	1.0D	14607	S28 W06	SB/C2.3 1/3		395/II
			SXR	17:46	2.0	B-DAI	222	C4		Don 2
			Ha	19:51E	0.3D	14607	S28 W06	SN/C4.3 1/5		
490	008_2	01 13	Ha	00:50	1.2	14607	S28 W08	SN/C5.7 1-/1		Don 2
			SXR	00:50	2.0	B-DAI	222	C5.7		395/II
491	008_3	01 31	SXR	06:19	2.0	14630 B - B	N26 E56 272	C2.6	1-/1	Don 2
492	008_4	01 31	SXR	17:26	2.0	14630	N26 E56	C2.3	1+/5	Don 2
493	010_1	02 11	Ha	21:25	0.5	14637	S39 W01	1N	1+/5	396/II
			Ha	21:54	0.3	14637	S40 W01	SF		392/I
			SXR	21:26	2.0	D-EAI	164	C9		Don 2
494	010_2	02 17	Ha	15:28	0.6	14637	S42 W65	1N	1/5	396/II
			SXR	15:28	2.0	B-ESI	154	C9	GLE?	392/I
495	012_1	03 02	SXR	03:23	2.0	14674 AF-HSX	N17 E78 199	C2.6	---	397/II
496	012_2	03 08	Ha	22:36	0.4D	14674	N21 W03	SF	1-/1	392/I
			SXR	22:19	2.0	AF-HRX	198	C2.5		393/I
497	012_3	03 09	Ha	17:07	0.3	14674	N22 W14	SB	1-/1	392/I
			SXR	17:07	2.0	AF-HRX	198	C1		393/I
498	012_4	03 23	SXR	07:00	2.0	14697 BP-CRO	S29 W50 050	C1	---	393/I
499	012_5	04 04	SXR	01:00	2.0	14701 AF-BXO	N24 W10 250	C1	---	393/I
500	012_6	04 07	Ha	02:46	0.3	14717	N17 W71	1N	1-/1	393/I
			SXR	15:30	2.0	B-BXO	242	C1		394/I
501	012_7	04 11	SXR	14:00	2.0	14726 AP-HSX	S21 E90 025	C1	---	394/I
502	017_1	04 16	Ha	07:17	1.2	14726	S21 E26	SN	1-/1	394/I
			SXR	07:10	2.0	Y-DAI	025	C2.4		393/I
503	018_1	04 19	Ha	07:22	0.6	14726	S21 W09	1N	1-/5	394/I
			SXR	07:15	2.0	BP-DSO	020	C3.8		393/I
504	018_2	04 19	Ha	14:56	0.5D	14726	S20 W17	1N	1/1	394/I
			SXR	14:15	2.0	BP-DSO	020	C2.2		393/I

505	018_3	04 20	Ha	16:34	0.5	14726	S22 W31	SN	---	394/I
		1977	SXR	15:43	2.0	BP-CSI	025	C1.1		393/I
506	018_4	05 19	Ha	00:15	0.7	14771	S18 W39	SB	1-/1	395/I
			SXR	00:15	2.0	AP-BXI	019	C2		399/II
507	018_5	06 13	Ha	03:54	1.4	14801	S29 E04	SN	1-/1	396/I
			SXR	03:49	2.0	BP-CSO	003	C2.3		400/II
508	020_1	06 26	Ha	13:04	0.5	14822	N15 E45	SB	---	396/I
			Ha	13:34	0.5	14815	S22 W16	2N/M1.9	2/5	400/II
			Ha	14:22	1.4	14815	S22 W18	1N/M1.2	2+/5	395/I
			SXR	13:34	2.0	D-EAI	208	M1.9		Don 2
509	036_1	10 07	Ha	05:31	3.0	15016	S23 W45	1N	---	401/I
			SXR	05:31	2.0	AP-HSX	268	C1		Don 2
510	053_1	01 07 1978	SXR	19:12	2.0	15081? B-CAO	S20 W71 203	C6.1	---	402/I
511	055_1	02 09	Ha	14:00E	0.6D	15139	N15 E29	SB	1/5	404/I
			SXR	13:57	2.0	D-EKI	029	C4.4		Don 2
512	055_2	02 09	Ha	21:55	2.3	15139	N13 E25	1N	1/3	404/I
			SXR	21:56	2.0	D-EKI	029	M1.9		Don 2
513	055_3	02 10	Ha	21:05	0.5	15135	N19 W30	1N	1+/5	404/I
			SXR	21:05	2.0	BF-DSO	077	M3.6		Don 2
514	057_1	02 12	Ha	13:07	0.7	15139	N14 W05	1N	1-/5	404/I
			SXR	13:06	2.0	BY-FKC	029	C3.9		Don 2
515	058_1	02 13	SXR	18:58	2.0	15139 BY-FKC	N13 W24 029	M1.4	1+/5	404/I
516	058_2	02 16	Ha	21:17	0.9	15139	N15 W69	SN	1-/5	404/I
			SXR	21:17	2.0	BP-FKI	031	C2		Don 2
517	058_3	02 17	Ha	01:37	0.3	15139	N12 W80	1B/M1.7	2-/5	404/I
			Ha	02:44	0.7	15139	N16 W65	2B	1+/5	Don 2
			SXR	01:36	2.0	AF-HKX	031	M1.7		408/II
518	058_4	02 24	Ha	01:01	0.1	15161	N20 E03	SN	---	404/I
			Ha	02:41	0.3	15161	N20 E02	SB/C4.2		Don 2
			Ha	03:00	0.1	15161	N20 W01	SN	---	408/II
			SXR	01:01	2.0	B-FSI	224	C4.2		
519	058_5	02 25	Ha	14:49	0.4	15161	N19 W21	1B	2/5	408/II
			SXR	14:45	2.0	2xB-FSI	224	M4.1		403/I
520	058_6	02 27	Ha	02:26	2.6	15168	N27 E47	1N	---	408/II
			SXR	02:26	2.0	AP-HSX	145	C2		Don 2
521	058_7	02 28	Ha	07:36	0.3	15161	N22 W49	1N	1-/5	408/II
			SXR	07:36	2.0	B-FAO	224	C2		Don 2
522	062_1	03 10	Ha	01:04	0.7	15176	N13 E45	SN	1-/1	409/II
			SXR	01:04	2.0	B-DKC	356	C2.9		405/I

523	062_2	03 11	Ha	02:31U	2.5	15176	N12 E33	SF	---	409/II
		1978	SXR	00:57	3.0	B-DKC	356	C2.9		Don 2
	074	04 15	Ha	17:25	0.1D	15244	N17 E70	SF	---	410/II
			SXR	17:00	3.0	AP-AXX	208	C4		Don 2
524	074_1	04 18	Ha	01:04	0.7	15235	N14 W45	1B	2+/3	410/II
			SXR	01:04	2.0	D-HSX	297	M1		Don 2
	076	04 21	Ha	07:00	1.5	15235	N18 W90	1N	2/5	410/II
			Ha	08:05	0.7	15254	N20 W54	SF		406/I
			SXR	07:31	2.0	D - H	297	C9		Don 2
	077	04 23	SXR	04:02	12.0	15266	N22 E90	M6	2+/5	406/I
					D-073	15254	N20 W90			
	078	04 23	Ha	20:16	-	15266	N22 E90	-	2+/5	410/II
			Ha	21:17E	0.7	15255	N18 W40	SN		Don 2
			SXR	20:16	4.0	D	073	M5		
525	092_1	05 10	Ha	21:57	0.7	15294	N19 E40	1B	-	411/II
			SXR	22:00	2.0			C3.4		Don 2
526	092_2	05 11	Ha	02:49	0.6	15294	N20 E38	2B	-	411/II
			SXR	02:47	2.0			C3.1		Don 2
527	097_1	05 26	Ha	17:32	0.7	15319	N20 E61	1B	x	411/II
			SXR	17:44	2.0			M3.8		Don 2
528	112_1	07 11	Ha	21:59	1.5	15403	N18 E38	2B	2+/5	409/I
			SXR	22:24	2.5	D-EKC	170	X2.3		413/II
529	117_1	07 23	Ha	14:43	0.7	15415	N18 W60	SB	1+/5	409/I
			SXR	16:39	2.5	AP-DSO	115	C9.8		413/II
530	118_1	08 07	Ha	23:11	0.7	15454	S26 E37	SB	1-/5	414/II
			SXR	23:07	2.0	B-EAC	187	C5.1		410/I
531	121_1	09 01	Ha	21:44	1.3	15509	S31 E43	1N	1-/5	415/II
		09 02	Ha	00:04	1.9	15509	S31 E43	SB	1-/3	411/I
			SXR	22:20	2.0	D-EAI	208	C9		
532	122_1	09 02	Ha	14:15	1.6	15509	S32 E36	SB	1+/5	415/II
			SXR	14:18	2.0	D-EAI	200	M1.8		411/I
533	122_2	09 04	Ha	04:20E	0.7	15509	S30 E15	SB	1/5	415/II
			SXR	04:26	2.0	BF-FKC	188	C5.1		411/I
	123	09 04	Ha	08:00	0.3	15509	S31 E14	1F	2/5	415/II
			Ha	08:12	1.3	15521	S15 E52	2N		411/I
			SXR	08:25	2.0	B-BXO	169	M2.0		
534	123_1	09 04	Ha	15:58	1.2	15508	N16 W12	SB	1-/5	415/II
			SXR	15:58	2.0	B-EHC	220	C2		411/I
535	124_1	09 07	Ha	23:30	1.1	15518	S28 W17	SN	1-/1	415/II
			SXR	23:31	2.0	-HSX	189	C5.9		411/I

536	124_2	09 15	Ha	18:24	2.0	15543	N36 E46	SB	1-/5	415/II
		1978	SXR	18:19	2.0	B-EKC	024	C4.5		411/I
537	125_1	09 17	Ha	03:58	1.3	15543	N35 E30	1B	1/5	415/II
			SXR	04:06	2.0	BY-EAC	020	M1.0		411/I
538	127_1	09 17	Ha	22:42	1.7	15543	N36 E19	SB	1-/5	415/II
			SXR	22:40	2.0	BY-EAC	020	C6.5		411/I
539	127_2	09 18	Ha	01:19	0.9	15543	N35 E18	1N	1/5	415/II
			SXR	01:15	2.0	BY-FKI	020	C7.5		411/I
540	127_3	09 21	Ha	04:16E	0.9	15546	N23 E40	1B	1/3	415/II
			SXR	04:09E	2.0	BP-CSI	321	M1		411/I
541	129_1	09 24	Ha	17:20	0.6D	15546	N25 W07	1B	1/5	415/II
			SXR	17:18	2.0	AP-HSX	320	M1.9		411/I
542	129_2	09 24	Ha	21:10	1.7	15542	S20 W43	SB	1-/5	415/II
			SXR	21:10	2.0	AP-DAC	353	C8.1		411/I
	130	09 27	Ha	07:25	1.2	15542	S18 W80	1F	1-/1	415/II
			Ha	08:18	0.9	15551	N29 W16	1N		411/I
			SXR	06:31	2.5	AP-AXX	353	C8.3		
	131	09 27	Ha	14:28	1.3	15551	N27 W19	2B	2/5	415/II
			SXR	14:32	2.0	BP-DSO	294	M3.1		411/I
543	131_1	09 27	Ha	17:00E	1.4	15551	N30 W20	1B	1/5	415/II
			SXR	17:00	2.0	BP-DSO	294	C5		411/I
544	132_1	09 29	Ha	16:56	0.9	15557	N37 E22	SB	---	415/II
			SXR	17:02	2.0	BP-DRO	225	C2.2		411/I
545	133_1	10 03	Ha	17:15	1.9	15570	S12 E23	SB	---	416/II
			SXR	17:15	2.0	Y-DAI	157	C2		412/I
546	133_2	10 05	Ha	07:33	-	15570	S14 W04	-	1-/3	416/II
			SXR	07:33	2.0	YD-DHI	158	C4.8		412/I
	137	10 10	Ha	09:56	0.5	15589	N21 E56	1N	---	416/II
			Ha	10:08	0.6	15570	S12 W69	SN	1-/5	412/I
			SXR	10:07	2.0	AP-DAI	158	C5.0		
547	137_1	10 11	Ha	05:11	1.0	15587	S15 E16	SF	---	416/II
			SXR	05:11	2.0	AP-DAO	043-064	C2		412/I
548	141_1	10 13	Ha	12:33	1.3	15587	S18 W01	2B	1-/5	416/II
			SXR	12:33	3.0	YD-DAI	043-064	C9		412/I
549	148_1	10 16	Ha	00:27	0.7	15598	N28 E61	2N	1-/1	416/II
			Ha	02:18	0.1D	15598	N27 E60	SN	1/1	412/I
			SXR	00:27	3.0	BP-DAI	320	C5.3		
550	148_2	10 16	Ha	07:37	0.2	15591	S21 E04	1N	1-/5	416/II
			Ha	08:47	0.2	15587	S15 W30	SF		412/I
			SXR	07:35	2.0	B-DAO	007	C4.5		

551	148_3	10 16	Ha	16:45	1.5	15587	S20 W38	1B	1-/5	416/II
		1978	SXR	17:33	2.0	B-DAO	049	C4.8		412/I
552	148_4	10 16	Ha	21:42	0.3	15598	N32 E47	1B/M1.7	1+/5	416/II
			Ha	23:32	0.5	15598	N30 E47	SN	---	412/I
			SXR	21:40	2.0	BP-DAI	320	C2.0		
553	148_5	10 19	Ha	04:06	0.6	15610	N25 E77	2N	1+/5	416/II
			SXR	04:04	2.0	AP- C	272	M2.5		412/I
554	148_6	10 19	Ha	07:05	0.5	15610	N27 E74	SN/C2.3	---	416/II
			Ha	07:47	0.3	15610	N28 E74	1N	1/5	412/I
			SXR	07:10	2.0	AP- C	272	M2.2		
555	148_6	10 20	Ha	01:20	0.3	15591	S20 W42	1N	1-/1	416/II
			SXR	01:19	2.0	B - C	010	C5.7		412/I
556	148_7	10 20	Ha	07:19	0.2	15591	S23 W41	SB	1/1	416/II
			SXR	06:56	2.0	B - C	010	C4.3		412/I
557	148_8	10 20	Ha	10:41	0.8	15598	N29 E00	1N	1-/3	416/II
			SXR	10:43	2.0	AP-H	318	C2.7		412/I
558	148_9	10 21	Ha	15:51	1.3	15598	N30 W12	1N	1/5	416/II
			SXR	15:54	2.0	AP- H	318	C5.4		412/I
559	148_{10}	10 23	Ha	08:48	0.2	15620	S16 E90	SN	---	416/II
			SXR	09:00	2.0	BP- H	202	C6.1		412/I
560	150_1	10 26	Ha	02:03	0.1	15620	S18 E61	SF	---	416/II
			SXR	00:56	2.0	AP- C	190	C1.0		412/I
561	150_2	10 31	SXR	04:23	2.0	15619 210	N18 W58 AP - C	C3.2	---	416/II
562	150_3	11 01	Ha	03:38	0.6	15635	S28 E50	1N	1-/1	417/II
			SXR	03:38	2.0	BY-EAI	125	C3.3		413/I
	152	11 01	Ha	22:58	0.2	15635	S19 E29	SN	---	417/II
			SXR	21:14	3.0	BY-EAI	125	C6.4		413/I
563	154_1	11 15	Ha	10:36	1.1	15643	N20 W70	1N	1-/5	417/II
			SXR	10:38	2.0	BP-ESO	048	C6.1		413/I
564	154_2	11 20	Ha	14:37	1.1	15668	S22 E05	SB	---	417/II
			SXR	14:37	2.0	AP-BXO	264	C1.0		413/I
565	162_1	12 08	Ha	09:32	0.4D	15697	S17 E59	SN	1-/1	419/II
			SXR	09:32	2.0	B-EHI	334	C2		414/I
566	162_2	12 09	Ha	10:56	0.5	15697	S14 E43	SN	1/5	419/II
			SXR	10:56	2.0	BY-EKC	334	M1.8		414/I
	167	12 12	Ha	15:03	1.3	15694	S18 W61	1B	2/5	419/II
			Ha	15:03	1.5	15696	S22 W14	SN		414/I
			SXR	15:09	4.0	BD-EKC	037	X2.5		

567	167_1	12	13	Ha	00:11	0.9	15694	S18 W67	1B/M2.5	2/3 419/II
				Ha	01:05	0.5	15696	S22 W21	1N/M2.1	414/I
				Ha	01:55	0.6	15697	S16 W01	SN	1-/1
				Ha	02:02	1.0	15694	S17 W68	2N/M2.0	
				Ha	02:18	0.7	15700	N28 W06	1N/M2.0	
				SXR	00:08	3.0	BY-EKC	036	M2	
	168	12	13	Ha	03:40	2.7	15697	S15 E01	2B/M9.5	2+/3 419/II
				Ha	03:49	1.1	15694	S17 W69	1B	414/I
				SXR	03:52	3.0	BD-EKI	333	M9.5	
	168´	12	13	Ha	05:13	1.6	15694	S17 W71	1B/M4.9	1-/3 419/II
				Ha	06:17	1.1	15694	S17 W69	1B/X1.2	1/3 414/I
				SXR	05:16	3.0	BY-EKC	036	M5	
568	170_1	12	14	Ha	03:50	0.3	15694	S17 W82	SN/M1.9	1-/3 418/II
				Ha	04:20	0.3	15697	S14 W18	1B/M1.7	1-/3 419/II
				SXR	03:50	2.0	BY-DRI	326	M1.7	
569	171_1	12	15	Ha	22:39	1.3	15697	S14 W39	SB	1+/5 418/II
				SXR	22:39	2.0	B-DKI	326	M1.2	419/II
570	174_1	12	22	Ha	03:57	1.1	15704	N21 W77	SN	1/1 418/II
				SXR	04:08	2.0	B-HSX	289	M4.7	419/II
	175	12	23	Ha	21:36	0.1	15733	S17 E90	1N	1-/5 418/II
		12	24	Ha	00:06	0.1	15733	S18 E90	SN/C9.9	1/1 413/I
		12	23	SXR	21:37	2.5	AP-HSX	094	M2.2	419/II
	176	12	24	Ha	22:07	0.5	15733	S20 E90	SN	1-/5 418/II
				SXR	22:18	2.5	AP-HSX	094	M1.5	419/II
571	176_1	12	26	Ha	03:27E	0.1D	15733	S15 E60	SB	1/1 418/II
				SXR	04:00	2.0	AP-HSX	077	C9	419/II

1 9 7 9

572	178_1	01	05	Ha	00:10	1.0	15748	S19 E54	SN	--- 420/II
				SXR	00:10	2.0	BF-DAI	330	C2	419/II
573	178_2	01	05	Ha	22:02	1.5	15734	S25 W85	SN	--- 420/II
				SXR	22:02	2.0	B - B	094	C3	419/II
574	178_3	01	06	Ha	00:05	1.0	15742	S22 W53	SN	--- 420/II
				SXR	00:05	2.0	AP-EXO	068	C3	419/II
575	178_4	01	06	SXR	03:00	2.5	15742	068	C8	--- 420/II
576	178_5	01	07	Ha	06:23	2.0	15750	N18 E17	1N	--- 420/II
				SXR	06:23	2.0	B-DSI	343	C2	419/II
577	179_1	01	11	Ha	00:57	0.3	15762	S24 E60	1F	--- 420/II
				SXR	00:57	2.0	B-DSO	248	C5	419/II
578	179_2	01	11	Ha	07:39	0.6	15748	S19 W25	1B	3/5 420/II
				SXR	07:39	2.0	Y-DKI	331	M1	419/II

579	179_3	01 11	Ha	12:00E	0.4D	15754	N15 E15	SN	1/5	420/II
		1979	SXR	11:40	2.0	D-EKI	285	M1		419/II
580	179_4	01 12	Ha	00:25	0.4	15748	S18 W34	1B	1+/5	420/II
			SXR	00:25	2.0	Y-DKI	330	M1		419/II
581	183_1	01 16	Ha	21:40	1.9	15754	N20 W54	2N	---	420/II
			SXR	21:40	2.0	Y-EKI	285	C5		419/II
582	184_1	01 24	Ha	12:20	0.3	15785	S15 E27	1B	1/5	420/II
			SXR	12:20	2.0	Y - D	108	M1		419/II
583	184_2	01 24	Ha	22:48	1.1	15785	S14 E23	SN	1-/3	420/II
			SXR	22:48	2.0	Y - D	108	C3		419/II
584	184_3	01 25	Ha	03:17	0.7	15785	S14 E20	SB	3/3	420/II
			SXR	03:17	2.0	Y - C	108	M1		419/II
585	184_4	01 25	Ha	06:26	1.3	15785	S14 E18	SB	---	420/II
			SXR	06:26	2.0	Y - C	108	C8		419/II
586	184_5	02 01	Ha	07:52	1.3	15800	S22 E57	3N	2/5	422/II
			SXR	08:00	2.5	B-DAI	341	M5		419/II
587	184_6	02 02	Ha	01:55	1.0	15802	N10 E24	1F	1-/1	420/II
			SXR	01:55	2.0	B-BXO	359	C5		419/II
588	184_7	02 03	Ha	07:09	0.6	15807	N10 E84	SB	---	420/II
			SXR	07:10	2.0	B-HSX	289	C2		419/II
589	184_8	02 04	Ha	18:35	0.8	15802	N07 W15	SN	1/5	420/II
			Ha	18:57	0.5	15802	N13 W09	SN		419/II
			SXR	18:35	2.0	B-DAI	002	C5		Prog 7
590	184_9	02 05	Ha	01:24E	0.6D	15802	N07 W80	SB	1-/1	420/II
			SXR	01:24	2.0	B-DAI	002	C5		419/II
591	184_{10}	02 05	Ha	06:34	0.8	15808	S21 E49	2B	2/5	420/II
			SXR	06:34	2.0	Y-DSC	289	M5		419/II
592	184_{11}	02 05	Ha	11:10E	0.3D	15804	S12 W04	1F	---	420/II
			SXR	10:00	2.0	B-EKI	341	C2		419/II
593	184_{12}	02 05	Ha	21:15	0.6	15808	S18 E43	1B	2/5	420/II
			SXR	21:15	1.5	Y-DSC	289	C9		419/II
594	184_{13}	02 06	Ha	04:35	1.1	15807	N17 E37	1N	---	420/II
			SXR	04:35	2.0	BP-DHI	289	C1		419/II
595	184_{14}	02 06	Ha	20:37	1.3	15807	N12 E29	1N	1-/1	420/II
			SXR	20:37	2.0	BP-DHI	289	C2		419/II
596	184_{15}	02 07	Ha	03:44	0.5	15808	S19 E27	1N	2/3	420/II
			SXR	03:44	2.0	Y-DKI	287	C5		419/II
597	184_{16}	02 07	Ha	11:10	0.2D	15808	S21 E22	1B	1+/5	420/II
			SXR	11:10	2.0	Y-DKI	287	C5		419/II
598	184_{17}	02 08	Ha	02:01	1.5	15808	S20 E15	1N	2+/3	420/II
			SXR	02:01	2.0	Y-DAI	289	C9		419/II

599	184_{18}	02 08	Ha	07:12E	1.5	15807	N12 E15	2N	2/1	420/II
		1979	SXR	06:40	2.0	BP-EAO	279-299	M1		419/II
600	184_{19}	02 08	Ha	14:58	1.3	15802	N14 W61	1B	1-/5	420/II
			SXR	14:58	2.0	AP-ESO	002	C5		419/II
601	184_{20}	02 08	Ha	22:20	1.0	15807	N13 E04	SN	---	420/II
			SXR	22:20	2.5	AP-CAO	289	C2		419/II
602	184_{21}	02 09	Ha	07:50	0.6	15807	N11 W05	1B	2/5	420/II
			SXR	07:50	2.0	BF-EAI	289	C9		419/II
603	184_{22}	02 10	Ha	05:50	1.3	15807	N18 W10	SF	---	420/II
			SXR	05:50	2.0	Y-DAI	291	C2		419/II
604	184_{23}	02 10	Ha	08:03E	0.3D	15807	N16 W16	1N	1+/5	420/II
			SXR	07:41	2.5	Y-DAI	291	C5		419/II
605	184_{24}	02 11	Ha	12:23	0.9	15807	N12 W32	1B	1+/5	420/II
			SXR	12:23	2.5	D-EXX	291	C5	1+/5	419/II
606	184_{25}	02 12	Ha	00:00	2.1	15807	N16 W36	1N	2+/3	420/II
			SXR	00:00	2.5	D-EXX	291	M5		419/II
607	184_{26}	02 16	Ha	01:44	1.5	15830	N16 E59	3B	1-/1	420/II
			SXR	01:44	6.0	Y-DAI	142	X2		419/II
608	184_{27}	02 17	Ha	14:55	1.4	15830	N19 E32	SN	1-/5	420/II
			SXR	14:55	2.0	D-EHI	142	C5		419/II
609	184_{28}	02 18	Ha	06:37	0.7	15830	N16 E39	3B	2/5	416/I
			SXR	06:39	3.0	BY-FKI	147	M9/X1		422/II
610	184_{29}	02 18	Ha	16:15	0.7	15830	N15 E19	1B	2/5	416/I
			SXR	16:38	3.5	BY-FKI	147	X1		418/II
611	184_{30}	02 19	Ha	15:00	1.8	15823	N19 W27	1B	1-/5	416/I
			SXR	15:00	2.0	D - D	176	C5		422/II
612	184_{31}	02 19	Ha	17:55	1.2	15830	N16 E02	2B	2/5	416/I
			SXR	17:55	2.0	BY-FKI	147	M9		422/II
613	184_{32}	02 20	Ha	04:35	0.8	15830	N18 W06	1F	1+/1	416/I
			SXR	04:35	2.0	BY-FKI	147	C8		422/II
614	184_{33}	02 20	Ha	17:21	1.4	15828	N03 W32	1B	1-/1	416/I
			SXR	17:21	2.0	AP-AXX	168	C5		422/II
615	184_{34}	02 20	Ha	17:45	1.8	15830	N17 W20	1B	1-/5	416/I
			SXR	17:45	2.0	BY-FKI	147	C8		422/II
616	184_{35}	02 20	Ha	21:38	1.6	15823	N20 W45	1N	1/5	416/I
			SXR	21:38	2.0	D-DKI	176	C8		422/II
617	184_{36}	02 21	Ha	14:14	0.5	15830	N17 W28	SB	1+/5	416/I
			SXR	14:14	2.0	BF-FKI	150	C9		422/II
618	184_{37}	02 21	Ha	19:39	1.8	15830	N16 W30	SB	1-/5	416/I
			SXR	19:39	2.0	BY-FKI	150	C9		422/II

619	184_{38}	02 22	Ha	05:03	0.6	15830	N18 W33	SB	3/3	416/I
		1979	SXR	05:03	2.0	BY-FKI	150	M6		422/II
620	184_{39}	02 22	Ha	09:10	0.6	15830	N17 W40	SB	1+/3	416/I
			SXR	09:10	2.0	BY-FKI	150	C9		422/II
621	184_{40}	02 22	Ha	11:19	1.6	15823	N25 W48	2N	1-/5	416/I
			SXR	11:19	2.5	D-DKI	176	M5		422/II
622	217_{1}	04 01	Ha	00:05	1.0	15920	S17 E43	1F	---	430/II
			SXR	00:05	2.0	BP-CSI	301	C5		422/II
623	217_{2}	04 01	Ha	04:15	0.7	15906	S25 W38	SF	---	430/II
			SXR	04:15	2.0	B - B	005	C2		422/II
624	222_{1}	04 03	Ha	11:51	0.9	15918	S21 W11	1N	---	430/II
			SXR	11:51	2.0	AP-BXO	319	C9		422/II
625	223_{1}	04 06	Ha	03:53	2.0	15918	S35 W41	1N	---	430/II
			SXR	03:53	2.0	AP-AXX	318	C6		422/II
626	227_{1}	04 15	Ha	22:37	0.7	15948	N10 E08	1N	---	430/II
			SXR	22:37	2.0	AP-HSX	130	C6		422/II
	242	05 09	Ha	12:05	1.1	16003	N33 E74	1N	---	430/II
			Ha	13:48	1.1	15990	N21 E10	SB	1-/3	423/II
			SXR	12:05	2.0	AP-AXX	127	C8		
627	245_{1}	05 17	Ha	15:07	0.3	15999	N18 W57	SN	1-/1	430/II
			SXR	15:07	2.0	B - D	133	C3		423/II
628	266_{1}	07 02	Ha	16:15	-	16122	N09 E80	-	1-/1	425/II
			SXR	16:15	2.0	D-EKD	125	C3		434/II
629	266_{2}	07 02	Ha	20:10	0.6	16122	N09 E65	SN	1-/3	425/II
			SXR	20:10	2.0	D-EKD	125	C5		434/II
630	271_{1}	07 07	Ha	07:44	1.3	16125	S30 E45	1N	1/1	425/II
			SXR	07:44	2.0	BY-DSO	093	C3		434/II
631	271_{2}	07 08	Ha	20:08	1.1	16127	N29 E38	1B	1+/5	425/II
			SXR	20:08	2.0	B-DAI	074	M1		434/II
632	271_{3}	07 08	Ha	22:00	1.2	16122	N09 W13	SB	1-/3	425/II
			SXR	22:00	2.0	BP-CRO	116	C4		434/II
633	271_{4}	07 20	Ha	12:50E	0.4D	16161	N13 W40	SN	---	425/II
			SXR	12:00	2.0	BP-DRI	353	C2		434/II
634	271_{5}	07 21	Ha	13:20	1.1	16161	N15 W51	1B	1+/5	425/II
			SXR	13:20	2.0	B-EKI	353	M1		434/II
635	271_{6}	07 22	Ha	13:33	1.2	16161	N13 W65	SN	1-/5	425/II
			SXR	13:33	2.0	D-EKI	353	C4		434/II
636	272_{1}	07 24	Ha	04:41	1.2	16156	N32 W30	1F	---	425/II
			SXR	04:41	2.0	BY-DSI	298	M1		434/II
637	273_{1}	07 24	Ha	10:17	1.4	16156	N31 W33	1N	1-/3	425/II
			SXR	10:17	2.0	BY-DSI	298	C4		434/II

638	273_2	07 24	Ha	15:07	1.0	16156	N32 W36	SN	1-/5	425/II
		1979	SXR	15:07	2.0	BY-DSI	298	C4		434/II
639	277_1	08 01	Ha	08:56	1.5	16175	S14 E06	SB	1-/3	426/II
			SXR	08:56	2.5	D-DRO	152	C5		436/II
640	295_1	09 03	Ha	04:19	1.1	16267	S23 E56	1N	2-/3	439/II
			SXR	04:19	2.0	BP-ESO	035	M1		427/II
641	300_1	09 14	Ha	02:45	1.3	16279	N06 W05	2N	1+/5	439/II
			SXR	02:45	2.0	D-DKI	301	M1		427/II
	301	09 14	Ha	07:00	-	16298	N06 E90	1N	3/5	439/II
			SXR	07:00	8.0	D-EKI	194	X2		427/II
642	301_1	09 14	Ha	21:15	1.0	16279	N07 W15	SN	1-/5	439/II
			SXR	21:15	2.0	D-DKI	301	M1		427/II
643	311_1	09 22	Ha	01:51	1.5	16298	N06 E03	1N	1+/5	439/II
			SXR	01:51	2.0	Y-EKI	190	M8		427/II
644	311_2	09 25	Ha	11:06	1.0	16325	N15 E56	1N	1+/5	439/II
			SXR	11:06	2.0	BP-D	092	M1		427/II
645	312_1	09 30	Ha	11:49	1.4	16325	N13 W12	SN	---	439/II
			SXR	11:49	2.0	BP-D	092	C6		427/II
646	338_1	11 05	Ha	21:13	2.4	16413	S14 E49	2B	1/5	442/II
			SXR	21:18	2.0	BY-EHO	274	M1		429/II
647	341_1	11 06	Ha	19:02						
648	360_1	11 26	Ha	00:19	1.2	16439	S20 W40	SN		442/II
			SXR	00:19	2.0	AP-AXX	106	C2	---	425/I
649	360_2	11 27	Ha	06:47	1.3	16448	N16 E05	1N	---	442/II
			SXR	06:47	2.0	AP-CSO	045	C2		429/II
650	360_3	11 30	Ha	21:02	0.3	16476	S24 E90	SB	---	442/II
			SXR	21:02	2.0	AP-AXX	265	C2		428/I
651	362_1	12 07	Ha	01:51	0.7	16465	S25 W22	1B	---	430/II
			SXR	01:51	2.0	BY-EAI	295	C8		443/II
652	362_2	12 08	Ha	04:14	1.1	16458	S16 W69	1F	---	430/II
			SXR	04:14	2.0	AP -	322	C2		443/II
653	362_3	12 11	Ha	11:50E	0.8D	16507	N25 E41	1N	---	430/II
			SXR	11:50	3.0	B -	178	C1		443/II
	366	12 20	Ha	15:51	2.0	16529	S16 E25	1B	1-/5	430/II
			SXR	15:51	3.0	BY-FKI	073	M1		443/II
654	367_1	12 24	Ha	21:06	0.4D	16529	S12 W34	SN	---	430/II
			SXR	19:30	2.5	BY-EKI	073	C4		443/II
655	368_1	12 26	Ha	20:36E	0.1D	16541	S16 E00	SF	---	430/II
			SXR	20:36	2.0	BY-EKI	017	C3		443/II

	390	01 25	Ha	19:03	4.7	16604	S19 W50	2B	2/5	431/II
		1980	Ha	21:13	1.0	16611	N18 W80	SN		445/II
			SXR	20:30	8.0	AP-DKI	027	M5		427/I
656	395_1	02 01	Ha	02:00	1.3	16631	S13 E47	1F	---	432/II
			SXR	02:00	2.0	B-EKI	205	C2		447/II
657	395_2	02 01	Ha	05:52	1.7	16631	S14 E49	1N	---	432/II
			SXR	05:52	2.0	B-EKI	205	C2		447/II
658	395_3	02 01	Ha	08:25	0.7	16622	S21 N25	1N	1/5	432/II
			SXR	08:25	2.0	BF-BXO	277	C5		447/II
659	395_4	02 03	Ha	10:05	0.6D	16625/7	N08 W26	2N	2/5	432/II
			SXR	10:05	2.0	AP-CSO	254	M1		447/II
660	395_5	02 03	Ha	13:18	2.0	16631	S15 E15	1B	2/5	432/II
			SXR	13:18	2.0	BY-FKC	205	M1		447/II
661	395_6	02 04	Ha	13:38	1.0	16627	N15 W17	1B	1/5	432/II
			SXR	13:38	2.0	BP-HSX	238	C5		447/II
662	395_7	02 04	Ha	17:09	1.3	16634	N18 E10	1B	1/5	432/II
			SXR	17:09	2.0	AP-DKO	193	C5		447/II
			Ha	17:09	2.3	16633	N19 E01	1N		428/I
663	396_1	02 04	Ha	20:32	2.1	16644	S11 E69	SB	1/5	432/II
			SXR	20:32	2.0	AP-DKO	110	C5		447/II
664	397_1	02 06	Ha	10:20	2.1	16630	S18 W37	2B	1/5	432/II
			SXR	10:20	2.0	AP-	224	C5		447/II
665	407_1	02 16	Ha	07:17	0.3	16644	S12 W85	SF	1/5	432/II
			SXR	07:17	2.0	BP-CKD	130	C5		447/II
666	407_2	02 19	Ha	20:27	0.8	16659	S10 E45	1N	---	432/II
			SXR	20:27	2.0	AF-CSO	328	C2		447/II
667	407_3	02 20	Ha	20:16	0.7	16659	S08 E27	1B	1-/5	432/II
			SXR	20:16	2.0	AP-CSO	328	C4		447/II
668	410_1	03 02	Ha	02:29	1.1	16680	N17 E20	1N	---	433/II
			SXR	02:29	2.0	B - Ø	204	C4		449/II
669	410_2	03 04	Ha	03:35	1.1	16673	S23 W36	1F	---	433/II
			SXR	03:35	2.0	BP-H	229	C3		449/II
670	411_1	03 25	Ha	04:00	1.1	16725	S26 W25	2F	---	433/II
			SXR	04:00	2.0	B-HSX	296	C4		449/II
	420	04 05	Ha	05:51	0.6	16747	N11 E29	1N	3/3	451/II
			SXR	05:51	2.0	BGD/E	104	C9		434/II
	421	04 05	Ha	15:48	1.8	16761	S10 E66	SF	2+/5	451/II
			Ha	15:43	0.8	16747	N10 E24	1B		434/II
			SXR	15:43	2.0	BGD-E	104	M5		
671	421_1	04 06	Ha	03:56	1.5	16747	N11 E16	1N	3/3	451/II
			SXR	03:56	5.0	BGD-E	104	X2	II+IV	434/II

the Catalogue (1987) namely because their duration was at the SXR time limit of 2 hours.

c) Correction and adding data for some of the LDE flares already published.

The method of selecting SXR LDE flares was described in detail in previous papers (Antalová 1987, 1988). The SXR LDE flares with optical H-alpha flares were identified by temporal coincidence of both events as compared with the data published in Solar Geophysical Data.

2. LDE FLARES IN THE 22ND CYCLE (TAB. 1)

Table 1 contains the LDE flare data for cycle 22 (July 1988 - January 1989). A total of 400 LDE flares were selected in the years 1986 - 1989 and the first 133 LDE flares are given in previous paper (Antalová 1989, Tab. 1). The catalogue numbering and the lay-out of Table 1 is identical with that of the Catalogue of LDE flares (Antalová 1987).

3. LDE FLARES IN THE 20TH AND 21ST CYCLES (TAB. 2)

All the LDE flares which are being published additionally in Table 2 are arranged in time sequence. Their catalogue number ties in with the preceding LDE flare in the published Catalogue (1987), as explained in detail in the remarks published in the Supplement (1988).

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