

SUPPLEMENT OF THE CATALOGUE OF LDE FLARES

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ABSTRACT. The catalogue of LDE flares (Antalová, 1987) is the initial observational material for studying the fluctuations in the occurrence of long-lived X-ray flares in the course of two 11-year cycles (part of cycle 20 and cycle 21). The geoeffectiveness of LDE flares increases the demands on the completeness of the catalogue and on the homogeneous selection of this type of flares. The Supplement to the Catalogue gives not only new LDE flares, observed during the latter months of cycle 21 (April 1986 - June 1987), but complements the data on LDE flares of the whole period treated (1969 - 1986).

ДОПОЛНЕНИЕ К КАТАЛОГУ ВСПЫШЕК С МЕДЛЕННЫМ СПАДОМ МЯГКОГО РЕНТГЕНОВСКОГО ИЗЛУЧЕНИЯ. Каталог ЛДЭ вспышек (Анталова, 1987) представляет исходный наблюдательный материал для изучения флуктуаций в появлении долгодлительных рентгеновских вспышек, возникших в течении двух 11-летних циклов солнечной деятельности (в части 20-ого и в целом 21-ом циклах). Геоэффективность ЛДЭ вспышек повышает запросы на полноту Каталога и однородность селекции вспышек этой группы. Дополнение к Каталогу приводит не только список новых ЛДЭ вспышек, которые возникли к концу 21-ого цикла (апрель 1986 - июнь 1987 г.) но и укомплектовывание данных о ЛДЭ вспышках за весь обработанный промежуток времени (1969 - 1986).

DOMINOK KU KATALÓGU LDE ERUPCIÍ. Katalóg LDE erupcií (Antalová, 1987) je východným materiálom pre štúdium fluktuácií vo výskyte dlhotrvajúcich röntge-

nových erupcií v priebehu dvoch 11-ročných cyklov slnečnej aktivity (časť 20-teho a celý 21. cyklus). Geoeфекtívnosť LDE erupcií zvyšuje nároky na úplnosť katalógu a homogénny výber erupcií tohto typu. Doplnok ku katalógu uvádza nielen nové LDE erupcie, ktoré boli pozorované v posledných mesiacoch 21. cyklu (apríl 1986 - jún 1987), ale tiež dopĺňa údaje o LDE erupciách z celého spracovávaného obdobia (1969 - 1986).

1. INTRODUCTION

The purpose of this paper is to supplement the published Catalogue of LDE flares (Antalová, 1987) by adding further LDE flares. The Catalogue had to be supplemented for the following reasons and aspects:

- a) Continuation in time of the published Catalogue from April 1986 to June 1987, and supplementing of data on LDE flares over the whole cycle 21;
- b) Adding LDE flares from the time intervals of cycles 20 and 21 (May - June 1974, June 1983) for which SAR observations were not available at the time the Catalogue was published;
- c) Correction and adding data for some of the flares already published;
- d) Adding all data for the individual flares which were not included in the Catalogue namely because their duration was at the time limit of 2 hrs.

2. ARRANGEMENT OF SUPPLEMENTS TO THE CATALOGUE OF LDE FLARES (TAB. 1 - CYCLE 20, TAB. 2 - CYCLE 21)

All the LDE flares which are being published additionally in the Supplement are arranged in time sequence. Their catalogue number ties in with the preceding LDE flare in the published Catalogue, as explained in detail in the remarks to the second column of the tables. The selection of LDE flares and the given data are the same in the Catalogue and Supplement. The supplements to the Catalogue of LDE flares are divided according to 11-year cycles:

Tab. 1 contains the data for cycle 20 (January 1969 - May 1976)

Tab. 2 contains data for cycle 21 (June 1976 - June 1987)

The data in the tables are arranged as follows:

Column

- 1 - current number of the flare in the table
- 2 - designation of the LDE flare in the Supplement. The main number is the same as the Catalogue number of the flare which the added flare follows in time; the number in the suffix indicates the number of added flares, e.g. the number 180₃ of the added flare indicates that the flare being added belongs between catalogue flares nos 180 and 181 and that it is the 3rd flare added in this time interval.
- 3 - 11 the same as in Catalogue.

Table 1

Long decay Soft X-ray flares in the 20th cycle - Supplement

(January 1969 - May 1976)

No	Suppl No	Date (mo-day)	Event	Start UT	Dur hour	Group No	Position	Imp	SID	SGD
1969										
01	00 ₁	01 03	Ha	04:25	1.0	9855	N26 E72	2N	2/3	299/II
			SXR	04:30	2.0	AP/E	303	M8		295/I
02	01 ₁	01 07	Ha	05:51	0.5	9856	N03 E25	1N	1/3	299/II
			Ha	06:48	0.6	9856	N04 E27	SB		295/I
			SXR	05:51	2.0	/E	295	M7		
03	01 ₂	01 08	Ha	06:32	0.5	9855	N32 E08	1F	---	299/II
			SXR	06:00	3.0	AP/E	303	C5		295/I
04	01 ₃	01 08	Ha	17:29	0.8	9861	S13 E49	SB	1/5	299/II
			SXR	17:26	2.0	/E	295	M2		295/I
05	02 ₁	01 12	Ha	08:40	0.3D	9857	S34 W22	SB	---	299/II
			SXR	08:30	2.0	/A	284	C4		295/I
06	02 ₂	01 19	Ha	05:28	1.1	9879	N29 E65	1N	---	299/II
			Ha	06:57	0.5	9879	N23 E67	SF		295/I
			SXR	05:30	3.0	BF/D	103	C5		
07	02 ₃	01 22	Ha	09:47	0.4D	9879	N27 E21	SF	---	299/II
			SXR	08:50	3.0	BF/C	103	C4		295/I
08	04 ₁	01 27	Ha	07:32	1.4	9882	N09 E80	1N	---	299/II
			SXR	07:32	2.0	/O	325	C9		295/I
09	04 ₂	01 28	Ha	04:45	1.3	9879	N25 W60	1N	1-/1	299/II
			SXR	04:45	2.0	BF/A	103	C6		295/I
10	04 ₃	01 31	Ha	21:10	2.4	9893	N35 E14	1F	---	299/II
			SXR	21:00	3.0	/E	341	C4		295/I
11	04 ₄	02 03	Ha	07:25	0.6	9909	S02 E35	SN	1-/3	300/II
			SXR	07:28	2.0	AP/D	295	C5		296/I
12	04 ₅	02 04	Ha	21:08	1.5	9909	N02 E09	SN	---	300/II
			SXR	21:11	2.5	AP/D	295	C5		296/I
13	06 ₁	02 07	Ha	05:22	1.0	9909	N02 W21	1N	2-/5	300/II
			SXR	05:20	2.0	AP/E	295	M1		296/I

Table 1 continued

1969										
14	06 ₂	02 07	Ha	22:17	0.6	9909	S01 130	SB	1-/5	300/II
			SXR	22:18	2.0	AP/B	255	09		296/I
15	06 ₃	02 10	Ha	21:04	0.3	9909	S02 170	SF	1/1	300/II
			SXR	21:05	2.0	BP/D	296	M1		296/I
16	07 ₁	02 11	Ha	20:52	0.8	9911	H13 156	1B	1/1	300/II
			SXR	20:50	2.0	AP/B	258	M1		296/I
17	07 ₂	02 13	Ha	16:27	0.3	9911	H13 184	SB	1/1	300/II
			SXR	16:27	2.0	AP/D	258	M1		296/I
18	07 ₃	02 14	Ha	03:34	0.1	9911	H14 188	SF	---	300/II
			SXR	03:34	2.0	AP/D	258	08		296/I
19	07 ₄	02 14	Ha	11:20	0.3	9911	H10 190	SB	1/5	300/II
			SXR	11:20	2.5	AP/D	258	09		296/I
20	07 ₅	02 19	Ha	16:41	0.3D	9946	H18 144	SB	-/1	300/II
			SXR	16:41	2.0	BP/B	066	08		296/I
21	08 ₁	02 23	Ha	21:23	0.8	9957	S17 174	SB	1+/5	300/II
			SXR	21:10	2.0	/D	341	09		296/I
22	08 ₂	02 24	Ha	02:58	0.2	9946	H12 127	SF	1, 1	300/II
			SXR	03:00	2.0	BP/F	066	08		296/I
23	10 ₁	02 25	Ha	19:37	0.9	9946	H14 143	1B	3/1	300/II
			SXR	19:36	2.0	BP/F	066	M1		296/I
24	10 ₂	02 26	Ha	02:24	0.7	9960	H27 118	1B	---	300/II
			Ha	02:26	0.2D	9946	H13 141	SF		296/I
			SXR	02:20	2.0	BP/F	066	05		
25	12 ₁	02 27	Ha	05:27	0.9	9946	H13 160	SF	---	300/II
			SXR	05:30	2.0	BP/F	066	07		296/I
26	12 ₂	02 27	Ha	10:39	0.9	9957	S16 128	1B	2/5	300/II
			Ha	10:41	0.3	9946	H14 162	SF		296/I
			SXR	10:37	2.0	BP/L	341	M1		
27	12 ₃	02 27	Ha	12:45	0.6	9946	H13 166	SB	---	300/II
			SXR	12:45	2.0	BP/F	066	M1		296/I
28	13 ₁	02 28	Ha	01:38	0.6	9946	H12 173	SB	1/3	300/II
			SXR	01:35	2.0	BP/E	066	02		296/I
29	13 ₂	02 28	Ha	13:31	0.2	9957	S16 116	SF	1/5	300/II
			Ha	13:35	0.2	9966	H20 170	SB		296/I
			Ha	13:40	0.6	9940	H10 181	SF		
			SXR	13:36	2.0	BP/C	288	04		
30	13 ₃	02 28	Ha	19:12	0.4	9957	S18 107	1B	1/5	300/II
			SXR	18:58	2.0	/E	341	04		296/I

Table 1 continued

1969										
31	13 ₄	02 28	Ha	19:42	0.8	9957	S18 E09	1B	3/5	300/II
			SXR	19:38	2.0	/E	341	C9		296/I
32	13 ₅	02 28	Ha	20:32	0.6	9966	N14 E65	SN	2/5	300/II
			Ha	20:34	1.2	9957	S16 E10	1N		296/I
33	13 ₆	03 01	Ha	21:04	1.0	9946	N08 W89	1N	2/3	301/II
			SXR	21:04	2.0	BP/E	066	X1		297/I
34	13 ₇	03 04	Ha	16:24	0.3	9976	N18 E83	SF	1-/1	301/II
			SXR	14:00	4.0	/J	210	C5		297/I
35	13 ₈	03 05	Ha	05:50	0.4	9976	N16 E75	SN	1-/3	301/II
			SXR	05:00	2.0	/J	210	C5		297/I
36	13 ₉	03 05	Ha	15:02	0.8	9963	N04 W11	SN	---	301/II
			Ha	16:22	0.5	9966	N12 E24	1N		297/I
			Ha	16:51	0.5	9964	S16 W13	SB		
			SXR	15:00	3.0	x	x	C4		
37	13 ₁₀	03 06	Ha	14:49	0.3	9966	N13 E07	SF	---	301/II
			Ha	17:06	0.1	9966	N16 W16	SF		297/I
			SXR	14:00	4.0	/D	271	C3		
38	13 ₁₁	03 06	Ha	22:25	1.1	9966	N15 E00	SN	-/5	301/II
			SXR	22:25	2.0	/D	277	C8		297/I
39	13 ₁₂	03 07	Ha	02:10	0.6	9966	N14 W03	1N	1/5	301/II
			SXR	02:10	2.0	/D	271	C8		297/I
40	13 ₁₃	03 09	Ha	08:29E	0.3D	9966	N10 W50	SF	2-/5	301/II
			Ha	08:55	0.6	9966	N12 W52	SN		297/I
			Ha	09:22	0.1	9966	N15 W41	SN		
			SXR	08:28	2.0	/D	271	M2		
41	14 ₁	03 10	Ha	18:58	0.9	9988	S14 E89	SN	1/3	301/II
			SXR	18:58	2.0	/D	132	M2		297/I
42	14 ₂	03 12	Ha	14:44	0.7	9988	S14 E68	SN	1-/1	301/II
			SXR	14:44	2.0	/D	132	C4		297/I
43	15 ₁	03 16	Ha	05:42	0.3	9994	N19 E72	SN	---	301/II
			SXR	05:40	2.0	BP/C	073	C4		297/I
44	15 ₂	03 16	Ha	08:25E	0.7D	9994	N17 E41	SN	---	301/II
			SXR	08:21	2.0	BP/C	073	C4		297/I
45	15 ₃	03 16	Ha	21:08	0.5	9995	N23 W11	1B	---	301/II
			Ha	20:40	1.0	9994	N18 E59	SN		297/I
			SXR	21:00	2.0	BP/C	150	C7		
46	15 ₄	03 17	Ha	18:31	0.5	9994	N19 E61	SN	1+/1	301/II
			SXR	18:31	2.5	/D	073	C5		297/I

Table 1 continued

1969											
16	03	18	Ha	17:54	0.3	9994	N20 B53	SN	1-/5	301/II	
			Ha	19:07	0.5	9994	N17 B39	2N	3-/1	297/I	
			Ha	20:16	0.4	9994	N12 B08	SN	1/5		
			SXR	18:30	2.5	AP/D	073	M1			
47	16 ₁	03	20	Ha	15:04	0.5	9994	N20 B23	SN	1-/5	301/II
				Ha	15:07	0.4	9994	N13 W01	SN		297/I
				Ha	15:54	0.6	9994	N20 B18	1N	-/1	
				Ha	16:30	0.3	9994	N13 W08	1B	1+/5	
				SXR	15:10	3.0	AP/D	073	M8		
19	03	23	Ha	06:28	1.3	9994	N20 W13	1N	2/5	301/II	
			Ha	07:49	1.9	9994	N19 W07	2N	1-/1	297/I	
			SXR	06:30	3.5	AP/E	073	X1			
48	19 ₁	03	25	Ha	05:52	0.5	9994	N24 W39	1N	---	301/II
				SXR	05:30	2.0	AP/E	073	M2		297/I
49	19 ₂	03	26	Ha	01:44	1.4	9994	N21 W40	1N	1/1	301/II
				SXR	01:44	2.0	AP/E	073	C9		297/I
50	19 ₃	03	26	Ha	08:32	0.5D	10011	N23 B75	SN	3-/5	301/II
				SXR	08:40	2.0	AP/D	308	M2		297/I
51	19 ₄	03	26	Ha	13:13	0.2	9994	N20 W45	SB	---	301/II
				Ha	13:27	0.3	10014	N05 B90	SN	1/5	297/I
				SXR	13:20	3.0	(BP/E	277)	M4		
23	03	30	Ha	03:11	0.4	10014	N10 B53	SN	2-/5	301/II	
			Ha	03:23	0.9	10011	N26 B24	1F		297/I	
			SXR	02:50	4.0	A	303	X2			
52	24 ₁	04	09	Ha	02:46	0.8	10014	N08 W87	1N	---	302/II
				Ha	03:30	0.6	10030	S06 B84	1N	1-/1	298/I
				SXR	03:00	2.0	BP/D	113	C5		
25	04	10	Ha	03:30	0.6	10030	S06 B84	1N	2+/5	302/II	
			Ha	04:10	0.6	10035	N11 B90	1N		298/I	
			Ha	05:22	0.2	10030	S05 B63	SB	1-/1		
			SXR	03:50	3.0	BP/D	113	X1			
53	25 ₁	04	10	Ha	11:40B	0.1D	10023	S14 B02	SN	1+/5	302/II
				Ha	12:32	0.1	10031	S15 B51	SN		298/I
				SXR	11:00	14.0	/B	177	M5		
54	25 ₂	04	12	Ha	03:11	0.4	10031	S19 B28	SF	---	302/II
				SXR	02:00	3.0	/D	123	C2		298/I
55	25 ₃	04	14	Ha	17:12	0.5	10031	S14 W05	1N	1/5	302/II
				Ha	17:18	0.5	10035	N09 B32	SB		298/I

Table 1 continued

1969

55	25 ₃	04 14	SXR	17:00	2.0	/D	123	C9		302/II
						/D	089			298/I
56	25 ₄	04 14	Ha	20:29	0.1	10035	N21 E55	SF	---	302/II
			Ha	20:34	0.4	10032	L17 E14	SN	---	298/I
			Ha	21:47	0.6	10035	N20 E31	SB	-/5	
			SXR	21:00	3.0	/D	089	C9		
57	25 ₅	04 15	Ha	00:06	0.6	10035	N19 E32	1N	-/1	302/II
			Ha	00:17	0.2	10030	S10 W03	SF	---	298/I
			Ha	00:17	0.3	10035	N21 E54	1N	---	
			SXR	00:06	5.0	/D	089	M1		
58	25 ₆	04 15	Ha	20:01	0.2	10035	N15 E09	SN	1-/1	302/II
			SXR	20:10	2.0	/D	089	C2		298/I
59	25 ₇	04 15	Ha	23:36	1.0	10035	N19 E15	1N	-/5	302/II
		16	Ha	00:23	0.8	10035	N17 E28	SF	1-/1	298/I
			Ha	01:30	0.2	10035	N13 E14	SF	---	
			SXR	23:36	3.0	AP/D	086	C9		
60	25 ₈	04 18	Ha	21:27	0.8	10035	N22 E23	SB	-/1	302/II
			SXR	21:27	2.0	/H	058	C8		298/I
61	25 ₉	04 19	Ha	23:00	1.1	10035	N25 E10	1F	1-/5	302/II
			SXR	23:00	3.0	/H	058	C5		298/I
62	25 ₁₀	04 20	Ha	06:53	0.8	10035	N22 W13	1N	1+/5	302/II
			SXR	07:00	2.0	/H	058	C8		298/I
	26	04 21	Ha	08:08	0.3	10035	N21 W28	SN	---	302/II
			Ha	08:29	0.4	10035	N22 W26	1N	2+/5	298/I
			Ha	09:09	1.2	10035	N23 W27	2N	2+/5	
			SXR	08:00	6.0	AP/H	059	M3		
63	27 ₁	04 23	Ha	03:13	1.3	10035	N22 W51	2N	-/1	302/II
			Ha	03:58	0.5	10035	N07 W89	SF		298/I
			SXR	03:00	3.0	AP/C	058	M2		
	28	04 24	Ha	03:08	1.5	10035	N23 W64	2N	2+/5	302/II
			Ha	05:39	0.4	10035				298/I
			Ha	07:25	6.1	10041	S11 W57	1F		
			SXR	03:10	9.0	AP/H	056	X1		
64	28 ₁	04 24	Ha	12:11	0.3	10057	N07 E72	SN	2-/5	302/II
			SXR	12:11	2.5	BP/J	286	M1		298/I
65	28 ₂	04 26	Ha	06:15.3	0.7D	10052	S23 E29	SN	---	302/II
			SXR	06:00	2.0	/D	295	C5		298/I
66	29 ₁	04 29	Ha	10:43	0.5	10057	N09 E07	1N	1/1	302/II
			Ha	11:06	0.4	10057	N10 E05	SB	1/5	298/I

Table 1 continued

1969

66	29 ₁	04 29	SXR	10:43	2.5	AP/H	277	M2		302/II	
67	29 ₂	04 29	Ha	20:29	0.6	10057	N10 1.19	SN	---	302/II	
			SXR	20:29	2.0	AP/H	277	C4		299/I	
68	29 ₃	05 01	Ha	00:31	0.9	10055	N08 1.75	1F	---	303/II	
			SXR	00:00	5.0	/B	338	C9		299/I	
69	29 ₄	05 04	Ha	01:12	0.3	10057	N14 1.74	1F	---	303/II	
			Ha	01:16	0.6	10057	N07 1.54	SF		299/I	
			SXR	01:10	2.0	AP/H	277	C3			
70	29 ₅	05 05	Ha	01:45	0.9	10057	N07 1.69	SF	---	303/II	
			SXR	01:45	2.0	AP/C	277	C3		299/I	
	30	05 05	Ha	09:27	0.9	10057	N08 1.72	2H	1/5	303/II	
			Ha	09:29	0.6	10057	N09 1.73	1F		299/I	
			SXR	09:00	3.5	AP/C	277	C9			
71	30 ₁	05 05	Ha	13:58	0.2	10078	S30 1.73	1N		303/II	
			SXR	13:58	3.0	/B	131	C5		299/I	
	32	05 06	Ha	06:37	0.1	10057	N10 1.90	SF	1/5	303/II	
			SXR	06:30	3.0	AP/C	277	M2		299/I	
72	32 ₁	05 09	Ha	10:16	0.5	10071	S18 1.18	SN	---	303/II	
			SXR	10:10	2.0	/C	168	C8		299/I	
73	32 ₂	05 09	SXR	12:00	4.0	10057	---	C4	---	303/II	
			33	05 12	Ha	05:31	1.2	10088	N15 1.40	2H	1/1
				Ha	05:32	1.2	10088	N17 1.42	1B		299/I
				Ha	05:50	1.8	10088	N30 1.60	2F		
				Ha	06:55	0.6	10088	N14 1.37	2H		
			SXR	05:26	3.0	BP/C	080	M1			
74	33 ₁	05 12	Ha	07:57	0.3	10088	N20 1.64	SF	1/5	303/II	
			Ha	08:02	0.5	10084	S17 1.18	1H		299/I	
			Ha	08:10	0.5	10098	N10 1.19	2K			
			Ha	08:27	0.3	10089	S15 1.33	2F			
			Ha	09:15	1.3	10088	N19 1.36	SF			
			SXR	07:56	3.5	/D	087	C8			
75	33 ₂	05 12	Ha	16:58	1.3	10088	N18 1.47	SN	---	303/II	
			Ha	16:59	0.9	10088	N14 1.43	1N		299/I	
			SXR	16:58	2.0	BP/C	080	C5			
76	33 ₃	05 12	Ha	22:28	1.5	10084	S16 1.10	1N	---	303/II	
			SXR	22:30	3.0	/D	116	C7		299/I	
77	33 ₄	05 13	Ha	19:49	1.3	10088	N20 1.18	SF	---	303/II	
			Ha	20:23	0.2	10088	N21 1.30	SF		299/I	

Table 1 continued

1969

77	33 ₄	05 13	SXR	19:49	2.0	BP/C	080	C3		303/II
78	33 ₅	05 15	Ha	22:09	1.8	10089	S11 W14	1B	---	303/II
			SXR	22:17	2.0	/C	100	C9		299/I
79	33 ₆	05 18	Ha	03:18	2.5	10088	N16 W38	1N	---	303/II
			SXR	03:18	2.0	BP/C	080	C9		299/I
80	33 ₇	05 18	Ha	17:10	0.6	10109	N08 E83	1B	2/5	303/II
			SXR	17:10	2.0	BP/H	310	X1		299/I
81	33 ₈	05 19	Ha	05:35	1.0	10109	N08 E72	2N	2-/5	303/II
			SXR	05:35	2.0	BP/H	310	M3		299/I
82	33 ₉	05 19	Ha	14:31	0.5	10109	N07 E67	1B	1+/5	303/II
			SXR	14:31	2.0	BP/H	310	M1		299/I
83	33 ₁₀	05 19	Ha	19:12	0.5	10109	N08 E63	SB	---	303/II
			Ha	23:16	0.5	10109	N08 E63	SB		299/I
			SXR	19:12	5.0	BP/H	310	C5		
84	33 ₁₁	05 20	Ha	00:34	0.3	10109	N08 E60	1B	1-/5	303/II
			SXR	00:34	2.0	BP/H	310	M8		299/I
85	33 ₁₂	05 20	Ha	16:26	0.2	10109	N09 E52	SN	3/5	303/II
			Ha	16:55	0.3	10109	N08 E52	SN		299/I
			SXR	16:26	2.0	BP/H	310	C9		
86	33 ₁₃	05 20	Ha	19:29	0.5	10099	S12 E25	SN	2-/5	303/II
			SXR	19:29	2.0	/D	338	C5		299/I
	34	05 22	Ha	19:00	0.5	10109	N12 E40	2B	2-/5	303/II
			SXR	18:59	5.0	BP/D	310	X2		
87	34 ₁	05 24	Ha	08:21	0.9	10109	N12 E01	SF	---	303/II
			Ha	08:44	0.7	10109	N05 E02	SN		299/I
			Ha	09:24	0.5	10109	N12 E30	1N		
			SXR	08:10	2.0	BP/C	310	C5		
88	34 ₂	05 24	Ha	10:32	0.7	10103	S23 W26	1B	3-/5	303/II
			Ha	10:48	0.4	10103	S31 W20	SN		299/I
			SXR	10:32	2.0	BP/D	336	C6		
89	34 ₃	05 25	Ha	08:54	0.8	10103	S21 W41	SB		303/II
			SXR	08:54	2.0	BP/B	336	C3		299/I
90	34 ₄	05 25	Ha	11:47	1.4	10109	N08 W10	1N	2/5	303/II
			Ha	12:51	0.5	10109	N08 W11	2B		299/I
			SXR	11:52	2.0	BP/B	336	M1		
91	34 ₅	05 28	Ha	14:13	0.3	10109	N11 W62	SB	1+/5	303/II
			Ha	14:17	0.5	10103	S21 W84	SN		299/I
			Ha	14:40	0.2	10109	N12 W31	SN		
			SXR	14:13	2.0	BP/C	310	M1		

Table 1 continued

1969										
92	34 ₆	05 28	Ha	21:07	0.3	10109	N07 1.33	SF	1-/5	303/II
			Ha	21:33	0.7	10109	N08 1.34	SF		299/I
			SXR	21:07	2.0	BF/C	310	C9		
93	34 ₇	05 29	Ha	00:20	0.5	10109	N11 1.64	1B	1/5	303/II
			Ha	00:22	0.3	10099	S12 1.90	SF		299/I
			SXR	00:19	2.0	/C	338	M4		
94	34 ₈	05 30	Ha	04:21	0.1	10108	S16 1.90	SF	-/1	303/II
			Ha	05:34	0.3D	10108	S14 1.84	2N		299/I
			SXR	04:05	2.0	/J	318	C9		
95	34 ₉	05 30	Ha	06:04	2.0	10108	S13 1.81	SF	2+/5	303/II
			Ha	06:46	2.0	10108	S16 1.83	SF		299/I
			Ha	06:10	0.3	10109	N11 1.83	1N		
			Ha	07:25	0.2	10108	S15 1.88	SF		
			SXR	06:09	2.0	/J	318	C9		
96	34 ₁₀	05 30	Ha	14:04	0.3	10108	S16 1.90	SF	---	303/II
			SXR	14:04	2.0	/J	318	C9		299/I
	35	05 31	Ha	18:00	0.1	10116	N07 1.09	SF	2+/5	303/II
			SXR	19:14	2.0	/J	213	M4		
	36	05 31	Ha	23:17	0.8	10116	N07 1.04	SF	3, 5	303/II
			SXR	21:03	3.0	/J	213	M8		299/I
97	36 ₁	06 01	Ha	15:07	1.0	10130	N12 1.90	1N	---	304/II
			SXR	15:07	6.0	/C	115	C9		300/I
98	36 ₂	06 01	Ha	00:12	0.2	10130	N12 1.86	SF	---	303/II
			SXR	00:12	5.0	/C	115	C4		299/I
	40	06 06	Ha	09:50	0.9	10135	S16 1.54	2N	3/5	303/II
			Ha	09:51	1.2	10135	S16 1.53	1B		299/I
			SXR	09:50	2.5	BF/L	089	X1		
	41	06 06	Ha	23:03	0.7	10135	S16 1.46	1N	1/5	303/II
			Ha	23:51	0.2	10135	S14 1.42	SF		299/I
		06 07	Ha	00:18	1.2	10135	S15 1.45	1B		
			SXR	23:10	3.0	BF/L	089	X1		
	43	06 11	Ha	16:16	1.1	10134	N10 1.20	2B	2+/5	304/II
			Ha	16:35	0.1	10135	S13 1.23	SF		299/I
			SXR	16:10	3.0	AF/L	089	M9		
99	44 ₁	06 14	Ha	20:38	3.0	10135	S11 1.65	2B	-/5	304/II
			SXR	20:38	2.0	AF/H	089	M5		299/I
100	44 ₂	06 16	Ha	20:25	0.1D	10144	N09 1.12	SF	---	304/II
			SXR	20:20	2.0	/C	351	M5		1+/5

Table 1 continued

1969										
101	44 ₃	06 25	Ha	01:46	1.2	10146	S17 W73	1F	---	304/II
			SXR	01:46	2.0	/A	325	C9		300/I
102	44 ₄	06 27	Ha	22:16	2.3	10185	N15 E05	SF	---	304/II
			SXR	20:50	4.0	/Ø	212	C5		300/I
103	44 ₅	06 30	Ha	04:49	1.8	10185	N16 W24	1F	---	304/II
			SXR	04:40	2.5	/B	212	C9		300/I
		46	07 03	Ha	15:15	0.5	10166	S11 W33	1B	2/5
		Ha	15:35	0.6	10166	S17 W43	SN		301/I	
		SXR	15:14	2.0	BP/D+C	176	X2			
104	46 ₁	07 04	Ha	00:07	0.6	10181	S14 E36	1N	---	305/II
			Ha	00:51	0.2	10166	S09 W40	SN	-/1	301/I
		03	SXR	23:40	2.0	AP/H	093	C9		
105	46 ₂	07 04	Ha	08:00B	0.4D	10181	S15 E35	SN	---	305/II
			SXR	08:00	2.0	AP/H	093	C3		301/I
106	46 ₃	07 08	Ha	22:08	0.8	10181	S12 W28	1B	-/1	305/II
			SXR	22:08	2.0	AP/C	093	C8		301/I
107	46 ₄	07 10	Ha	05:37	0.7	10181	S19 W37	SN	---	305/II
			Ha	06:29	0.7	10181	S15 W36	1E		301/I
			SXR	05:37	2.0	AP/C	093	C8		
108	46 ₅	07 11	Ha	14:06	1.0	10198	S17 E42	SF	---	305/II
			SXR	14:06	2.0	/C	356	C3		301/I
109	47 ₁	07 13	Ha	02:30	0.4	10197	N21 E07	SN	---	305/II
			Ha	05:31	1.2	10197	N19 E06	SF		301/I
			SXR	04:06B	3.0	/D	009	M2		
110	47 ₂	07 13	Ha	10:41	0.4	10191	N14 W25	SN	---	305/II
			Ha	11:00	1.2	10191	N14 W25	1N		301/I
			SXR	10:41	2.0	/C	037	M1		
111	47 ₃	07 13	Ha	15:08	0.6	10181	S09 W90	SB	1/5	305/II
			SXR	15:08	2.0	AP/D+B	093	C8		301/I
112	47 ₄	07 13	Ha	22:28	0.3	10192	S17 W13	SB	---	305/II
			SXR	22:28	2.0	/E	016	C9		301/I
113	47 ₅	07 14	SXR	17:00	2.0	10197?	/D	C8	-/5	305/II
114	47 ₆	07 15	SXR	01:00	3.0	x	---	C4	---	305/II
115	47 ₇	07 15	Ha	16:54	0.8	10191	N13 W58	SN	---	305/II
			Ha	15:16	1.7	10191	N13 W58	1N	-/1	301/I
			Ha	16:32	0.2	10191	N13 W57	SN		
			SXR	16:32	2.5	/B	037	C8		

Table 1 continued

1969													
116	47 ₈	07 15	Ha	19:20	0.5	10191	N13 W59	SB	-/5	305/II			
			SXR	19:23	2.0	/B	037	C7		301/I			
117	47 ₉	07 16	Ha	07:50	0.9	10191	N11 W68	SF	---	305/II			
			SXR	07:50	2.0	/B	037	C3		301/I			
	48	07 16	Ha	17:44	0.4	10197	N22 W41	SN	---	305/II			
			Ha	18:13	0.4	10192	S16 W53	SN	---	301/I			
			Ha	18:19	1.6	10197	N22 W42	SN	-/5				
			Ha	19:06	0.2	10191	N13 W74	SN	-/3				
			SXR	17:51	3.0	/D	009	M4					
118	48 ₁	07 24	Ha	02:34	0.4	10222	S19 W89	SF	1-/5	305/II			
			SXR	02:10	2.0	/C	152	M1		301/I			
119	48 ₂	07 28	Ha	08:51	1.4	10215	S15 W04	1N	---	305/II			
			SXR	08:51	3.0	/C	152	C2		301/I			
120	48 ₃	07 29	Ha	08:28	1.5	10230	N09 W35	2N	1-/1	305/II			
			Ha	08:27	0.5	10230	N09 W32	SF		301/I			
			Ha	10:37	0.4	10222	S16 W10	1N	-/5				
			SXR	08:27	3.0	/D	125	C7					
121	48 ₄	07 29	Ha	13:00	0.7	10222	S16 W07	SB	---	305/II			
			Ha	14:11	0.6	10222	S16 W07	SN		301/I			
			Ha	15:19	0.5	10222	S16 W05	SN					
			SXR	15:00	2.0	/C	152	M1					
			122	48 ₅	07 31	Ha	09:12	0.4	10215	S13 W43	SN	---	305/II
						Ha	09:41	0.5	10215	S13 W44	1N		301/I
			SXR	09:00	2.0	/B	177	C9					
			49	08 01	Ha	02:30	0.9	10232	S11 W00	1N	1/5	306/II	
SXR	02:28	2.0			D/B	125	M2		302/I				
123	49 ₁	08 01	Ha	08:15	0.6	10232	S10 W04	1N	1/5	306/II			
			SXR	08:23	2.0	D/B	125	C9		302/I			
124	51 ₁	08 02	Ha	06:17	0.9	10222	S16 W34	SB	---	306/II			
			Ha	06:37	2.0	10243	N12 W08	1B		302/I			
			Ha	06:47	1.1	10232	S17 W31	SN					
			Ha	07:20	1.1	10243	N13 W10	SN					
			SXR	06:17	2.0	/C	117	C5					
			125	51 ₂	08 02	Ha	13:35	1.8	10232	S09 W21	SB	1+/5	306/II
Ha	13:42	0.1				10222	S17 W45	SF		302/I			
			SXR	13:35	2.5	/B	125	C9					
			126	51 ₃	08 02	Ha	20:27	0.9	10232	S11 W24	SN	-/1	306/II
SXR	20:29	2.0				/B	125	C9		302/I			

Table 1 continued

1969										
127	51 ₄	08 03	Ha	01:34	0.4	10232	S10 W28	1N	1/1	306/II
			Ha	02:09	0.2D	10232	S09 W33	1N		302/I
			SXR	01:34	2.0	/J	125	C9		
128	51 ₅	08 07	Ha	09:03	0.8	10253	N21 E28	1N	1/5	306/II
			Ha	09:18	0.7	10253	N21 E28	1N		301/I
			SXR	09:00	2.0	/A	015			
129	51 ₆	08 10	SXR	00:30	3.5	x	x	C5	306/II	
130	51 ₇	08 10	Ha	22:41	0.5	10241	N07 W71	SB	1-/1	306/II
			Ha	23:03	0.3	10250	S19 W57	1P		301/I
			SXR	22:41	2.0	/J	067	C6		
131	51 ₈	08 12	Ha	01:52	2.8	10250	S19 W68	1N	---	306/II
			SXR	03:41	1.0	/C	051	M1		301/I
			52	08 18	Ha	22:04	0.9	10262	S15 W53	1B
SXR	22:06	3.0			/O	303	M4		301/I	
53	08 20	SXR	08:49	3.0	x	x	M4	2/5	306/II	
		132	53 ₁	08 21	Ha	14:07	0.5	10283	N09 E88	1N
SXR	14:09				2.0	/E	127	M4		301/I
133	53 ₂				08 22	Ha	11:02	0.3	10283	N10 E82
		Ha	11:28	0.3		10283	N11 E79	SN		301/I
		SXR	11:20	2.0		/B	127	C9		
134	53 ₃	08 22	Ha	20:07	0.3	10266	S14 W50	SF	-/5	306/II
			SXR	19:55	2.0	/A	252	C8		301/I
135	53 ₄	08 24	Ha	14:45	0.9	10283	N15 E56	1N	1-/1	306/II
			Ha	15:48	0.6	10283	N13 E46	SF		301/I
			Ha	16:25	2.0	10283	N14 E55	1N		
			SXR	14:50	5.0	/E	127	M1		
136	53 ₅	08 26	Ha	04:30	0.7	10283	N12 E26	1N	no data	306/II
			Ha	04:46	3.7	10283	N13 E26	1N		301/I
			Ha	05:40	1.6	10283	N11 E24	1N		
			SXR	04:10	4.0	/E	127	C9		
137	53 ₆	08 26	Ha	09:58E	0.8D	10289	N03 E74	1N	1/5	306/II
			SXR	10:00	2.5	/C	079	C8		301/I
138	54 ₁	09 04	Ha	00:18	0.6	10289	N06 W46	SN		307/II
			SXR	00:18	3.0	/D	079	C5		302/I
139	54 ₂	09 04	Ha	17:03	1.1	10296	N20 E14	SN		307/II
			SXR	17:03	2.0	/B	015	C2		302/I
140	54 ₃	09 05	Ha	00:46	1.0	10289	N04 W61	1N		307/II
			SXR	00:40	2.5	/D	079	M1		302/I

Table 1 continued

1969

141	54 ₄	09 05	Ha	10:24	0.5	10289	N06 W68	SN	---	307/II
			SXR	10:00	2.0	/D	079	C5		302/I
	55	09 05	Ha	21:06	1.3	10293	N11 W48	SN	---	307/II
			Ha	22:06	0.4	10289	N04 W71	SB	1+/5	302/I
			Ha	22:30	0.7	10293	N10 W48	SN		
			SXR	22:06	2.5	D/D	079	II4		
142	56 ₁	09 07	Ha	18:53	0.2	10298	N22 W06	SN	---	307/II
			SXR	18:10	2.0	/C	342	C6		302/I
143	56 ₂	09 07	Ha	20:09	0.5	10298	N22 W07	SP	---	307/II
			SXR	20:09	2.0	/C	342	C6		302/I
144	56 ₃	09 09	Ha	05:21	0.5	10304	S36 W03	SN	---	307/II
			Ha	06:05	1.6	<u>10298</u>	N20 W16	SN		302/I
			SXR	05:00	3.0	/D	342	C6		
145	56 ₄	09 10	Ha	05:19	0.3	10309	S20 W69	1B	1-/1	307/II
			SXR	05:18	2.0	/C	247	II8		302/I
146	56 ₅	09 12	Ha	10:06	0.2	10304	S33 W40	SP	1/1	307/II
			Ha	10:33	0.3	<u>10309</u>	S18 W38	SN		302/I
			Ha	10:53	0.2	10314	R16 W51	SN		
			SXR	10:26	2.0	/C	247	II1		
147	57 ₁	09 12	Ha	22:20	0.3D	10304	S32 W46	SN	---	307/II
			SXR	22:20	2.0	/B	325	C9		302/I
	58	09 13	Ha	00:37	1.4D	10314	R18 W45	SL		307/II
			Ha	01:11	0.6	10304	S32 W47	1B	1/5	302/I
			SXR	01:10	2.5	BY/B	325	II6		
	60	09 15	Ha	12:25	0.7	10309	S18 W03	1B	2/5	307/II
			Ha	12:31	1.2	10309	S18 W02	2B		302/I
			SXR	12:23	2.0	D/J	247	II8		
148	60 ₁	09 16	Ha	06:25	1.2	10309	S19 W11	SN	---	307/II
			SXR	06:25	2.0	D/C	247	C6		302/I
149	60 ₂	09 16	Ha	11:27	1.6	10309	S19 W15	1N	1/5	307/II
			Ha	11:46	1.7	10309	S20 W16	SP		302/I
			Ha	12:06	1.0	10309	S20 W15	1N		
			Ha	12:10	0.8	10309	S19 W17	1B		
			SXR	11:25	2.0	D/C	247	II2		
			SXR	12:05				C6		
150	60 ₃	09 17	Ha	19:01	1.0	10309	S19 W34	SN	1+/5	307/II
			Ha	19:38	0.1	10317	S04 W10	SN		302/I
			SXR	19:00	3.0	D/J	247	II2		
151	60 ₄	09 20	Ha	20:00	0.4	10321	N05 W88	SE	-/5	307/II

Table 1 continued

1969

151	60 ₄	09 20	Ha	21:40	0.1	<u>10331</u>	N07 B68	SN	---	307/II
			SXR	21:34	2.0	/B	108	M2	---	302/I
152	60 ₅	09 21	Ha	11:31	0.7	10333	N13 B85	1N	2/5	307/II
			SXR	11:26	2.0	/0	085	M2		302/I
153	60 ₆	09 22	Ha	10:37	0.2	10317	S00 W73	SF	---	307/II
			Ha	11:18	0.4	10317	S08 W77	SN	-/5	302/I
			SXR	10:37	2.0	/C	220	C9		
154	60 ₇	09 23	Ha	21:03	0.4	10333	N05 B47	SN	-/1	307/II
			Ha	21:54	0.8	10333	N03 B46	SN		302/I
			Ha	21:43	0.2	<u>10325</u>	N05 W13	SF		
	62	09 24	SXR	21:47	2.0	/C	150	C9		
			Ha	10:15	0.9	10337	S19 B79	1N	2-/5	307/II
			Ha	10:14	1.1	10337	S19 B81	1N		302/I
63	09 25	Ha	10:50	0.1	10335	N09 B65	SF			
		SXR	10:13	2.5	/0	057	M3			
		SXR	10:46		/C	066				
155	63 ₁	09 25	Ha	01:52	0.3	10325	N04 W30	SN	2/1	307/II
			Ha	02:02	0.6	10325	N03 W32	SB		302/I
			SXR	01:50	2.0	/D	150	M2		
156	63 ₂	09 25	Ha	06:26	0.3	10332	S10 B16	SN	-/1	307/II
			Ha	07:05	5.8	<u>10326</u>	N12 W16	2N		302/I
			Ha	08:15 ^E	1.8	<u>10325</u>	N03 W35	1N		
			SXR	06:30	3.0	/D	150	C9		
157	64 ₁	09 25	Ha	09:55	0.8	10331	N07 B06	SF	---	307/II
			SXR	09:55	2.0	/B	108	C6		302/I
			Ha	14:17	0.6	10325	N06 W40	1N	1/5	307/II
158	64 ₂	09 26	Ha	14:18	1.2	10325	N05 W39	1B		302/I
			SXR	14:21	3.5	B/D	150	M1		
			Ha	13:07	0.9	10334	S15 B19	1N	-/1	307/II
159	66 ₁	09 26	SXR	13:07	2.0	/J	082	C9		302/I
			Ha	15:22	0.2	10325	N04 W60	SF	---	307/II
			Ha	15:47	0.6	10325	N05 W55	SN		302/I
65	09 27	SXR	15:22	2.5	B/D	150	C9			
		Ha	03:47	2.0	10333	N09 B02	3B	2+/5	307/II	
		Ha	05:00	1.9	10333	N10 B01	4F		302/I	
66	09 28	SXR	03:40	6.0	BP/D	090	X1			
		Ha	03:26	0.5	10325	N06 W77	1N	1/1	307/II	
159	66 ₁	09 30	SXR	03:26	4.0	/D	150	M2		302/I
			Ha	16:04	1.1	10334	S17 W36	1N	---	307/II

Table 1 continued

1969										
159	66 ₁	09 30	SXR	16:04	2.0	/J	082	09		302/I
	67	10 01	Ha	06:10	0.4	10337	S16 A20	SP	---	308/II
			Ha	07:54	0.9	10333	N07 A59	1N		303/I
			SXR	07:50	2.0	D/C	090	M3		
160	67 ₁	10 02	Ha	22:13	0.3	10352	K27 B77	SN	-/1	308/II
			SXR	22:13	2.0	/J	301	09		303/I
161	67 ₂	10 03	Ha	05:16	1.3	10344	S13 A03	SP	---	308/II
			SXR	05:16	3.0	/D	012	06		303/I
162	67 ₃	10 05	Ha	05:11	2.5	10350	S35 B30	1N	---	308/II
			SXR	05:00	4.0	/O	325	09		303/I
163	67 ₄	10 09	Ha	14:50	1.0	10351	M15 A48	1L	-/5	308/II
			Ha	14:35	0.2	10352	M23 A15	SN		303/I
			SXR	14:40	2.0	BY/B	336	M1		
	68	10 09	Ha	20:56	0.9	10351	M17 A52	SP	2-/5	308/II
			SXR	21:06	2.5	BY/E	335	M3		303/I
164	68 ₁	10 10	SXR	21:06	2.0	---	---	09	1-/5	304/I
165	68 ₂	10 11	Ha	01:33	0.5	10351	M19 A67	SP	---	308/II
			SXR	01:00	2.0	D/B	333	06		303/I
166	68 ₃	10 11	Ha	12:16	0.1D	10351	M17 A72	SB	---	308/II
			Ha	12:37D	0.2D	10352	M25 A35	SP		303/I
			SXR	12:00	3.0	B+A	335+301	04		
167	69 ₁	10 12	Ha	07:11	0.3	10351	M21 A87	1P	1-/1	308/II
			SXR	07:40	2.0	/L	335	06		303/I
168	69 ₂	10 12	SXR	13:11	3.0	-	---	05	---	308/II
169	69 ₃	10 15	Ha	03:16	0.2	10361	S04 A23	SN	---	308/II
			SXR	03:00	2.0	/B	239	05		303/I
170	69 ₄	10 15	Ha	14:25	0.3	10361	S07 A16	SN	---	308/II
			SXR	14:25	2.0	/L	239	02		303/I
171	69 ₅	10 16	SXR	06:00	2.0	-	---	02	---	308/II
172	69 ₆	10 17	Ha	07:51	0.3	10358	M15 A73	1N	---	308/II
			SXR	07:00	2.0	/J	256	05		303/I
173	70 ₁	10 17	SXR	19:00	3.0	-	---	06	-/5	308/II
174	71 ₁	10 18	SXR	00:01	2.0	-	---	M2	-/1	308/II
	72	10 19	Ha	12:00	0.8	10385	M10 B86	1N	2-/5	308/II
			SXR	12:00	2.0	AF/E	065	M5		303/I
	73	10 20	Ha	03:26E	0.2D	10385	M05 B80	SN	3/5	308/II
			Ha	03:53	0.3	10381	M15 B59	SN		303/I

Table 1 continued

1969										
	73	10 20	SXR	03:00	3.5	F+C	065+087	M7	---	308/II
175	74 ₁	10 21	Ha	17:24	0.4	10385	N08 E59	SB	-/5	308/II
			Ha	17:34	0.2	10381	N03 E44	SN		303/I
			SXR	17:00	3.0	F+C	065+087	C5		
176	74 ₂	10 22	Ha	10:27	0.2D	10386	S11 E59	SN	---	308/II
			Ha	10:46	1.1	10385	N12 E56	1N	1+/5	303/I
			SXR	10:44	2.0	0+F	060+065	M1		
177	74 ₃	10 23	Ha	13:50	0.6	10385	N11 E38	SF	1-/5	308/II
			SXR	13:50	2.0	F	065	C9		303/I
	75	10 24	Ha	07:15	1.5	10385	N09 E27	1N	1+/5	308/II
			SXR	07:00	2.5	/F	065	M5		303/I
	78	10 26	Ha	15:31	1.5	10385	N12 E02	SB	2-/5	308/II
			SXR	16:28	2.5	D/F	065	M3		303/I
178	75 ₁	10 27	Ha	08:47	0.2	10385	N13 W09	SB	-/1	308/II
			SXR	08:47	2.0	F	065	C5		303/I
179	75 ₂	10 28	Ha	22:28	0.2	10385	N13 W28	SF	---	308/II
			SXR	21:00	3.0	G	065	C8		303/I
180	76 ₁	10 31	Ha	17:45	0.1	10385	N07 W80	SN	---	308/II
			Ha	17:52	0.3	10392	S13 W20	SF		303/I
			SXR	17:00	3.0	x	x	C4		
181	79 ₁	11 03	Ha	18:20	1.0	10400	S16 W77	SN	-/1	308/II
			SXR	18:40	2.0	/A	029	C9		303/I
182	79 ₂	11 03	Ha	21:12	0.3	10412	N19 E83	SN	-/1	308/II
			Ha	21:49	0.1	10411	N07 E90	SN		303/I
			SXR	21:50	2.0	H + D	229+224	C9		
	80	11 04	Ha	04:06	0.3	10412	N22 E79	1B	1/5	308/II
			Ha	04:12	0.3	10411	N08 E89	1N		303/I
			Ha	04:44	0.5	10412	N19 E80	SN		
			Ha	04:36	0.8	10412	N21 E80	1N		
			SXR	04:00	2.5	H + D	229+224	X2		
183	80 ₁	11 04	Ha	21:20	0.8	10411	N07 E75	1B	2-/5	308/II
			SXR	21:00	2.0	/D	224	M2		303/I
184	80 ₂	11 05	Ha	03:32	0.3	10411	N07 E76	1B	2/1	308/II
			SXR	03:32	2.0	/D	224	M5		303/I
185	80 ₃	11 07	Ha	03:32	1.3	10406	N14 E11	1F	---	308/II
			SXR	03:30	4.0	/B	262	C5		303/I
186	80 ₄	11 12	Ha	03:06	0.9	10406	N14 W56	1N	---	308/II
			SXR	01:00	5.0	/C	267	M1		303/I
	81	11 17	Ha	17:12	0.3D	10432	N08 E45	SF	2+/5	308/II

Table 1 continued

1969										
	81	11 17	Ha	17:43	0.6	10432	N11 E49	SB	---	309/II
			SXR	17:01	7.0	D/F	080	M3		305/I
187	84 ₁	11 20	Ha	09:36	1.1	10432	N07 E12	2N	1/5	309/II
			SXR	09:36	2.0	D/F	080	M2		305/I
188	85 ₁	11 22	Ha	02:04	1.0	10432	N07 W12	SBx5	1/1	309/II
			SXR	02:04	2.0	D/F	080	09		305/I
189	90 ₁	11 25	Ha	07:50	0.3	10449	S14 E79	1N	---	309/II
			SXR	07:49	2.0	/H	311	M2		305/I
	93	11 27	Ha	01:49	0.7	10432	N08 W76	1F	---	309/II
			SXR	00:51	6.0	D/F	080	M3		305/I
	97	11 29	Ha	10:48	0.5	10432	N17 E90	1N	1/5	309/II
			SXR	10:55	3.5	/F	080	M2		305/I
190	97 ₁	11 29	SXR	14:30	2.0	x	x	05	---	309/II
191	97 ₂	11 30	SXR	01:20	2.0	x	x	04	---	309/II
192	97 ₃	12 01	Ha	05:51	0.7	10448	N15 W00	1N	---	310/II
			SXR	05:51	2.0	/A	324	04		306/I
193	98 ₁	12 03	Ha	12:45	0.9	10447	N25 W38	1F	---	310/II
			SXR	12:45	2.5	/C	320	05		306/I
194	98 ₂	12 03	Ha	21:48	0.4	10447	N23 W41	1N	-/5	310/II
			SXR	21:48	2.5	/C	320	05		306/I
195	98 ₃	12 05	Ha	01:49	0.9	10447	N14 W03	1N	---	310/II
			SXR	01:49	2.0	C + D	324+320	05		306/I
196	98 ₄	12 06	Ha	14:30	1.6	10455	S22 W25	SP	-/1	310/II
			SXR	14:50	2.0	/C	286	05		306/I
197	98 ₅	12 06	Ha	15:28	0.6	10459	N20 W12	SP	---	310/II
			Ha	16:06	0.8	10459	N21 W11	1F		306/I
			SXR	15:28	2.0	/C	220	05		
198	98 ₆	12 10	Ha	19:40B	0.9D	10472	S20 W39	SP	---	310/II
			SXR	19:40B	2.0	/D	224	05		306/I
199	98 ₇	12 11	SXR	03:05	2.0	-	---	05		310/II
	99	12 12	Ha	17:52B	0.2D	10477	N13 W90	SP	---	310/II
			SXR	18:07B	4.0	/C	062	M4		306/I
200	99 ₁	12 13	Ha	03:39	0.3	10477	N14 W89	1N	1/1	310/II
			SXR	03:58B	2.5	/C	062	05		306/I
	100	12 14	Ha	02:59	0.2	10477	N13 W87	1N	-/1	310/II
			SXR	02:57	0.5	/C	062	05		306/I
			Ha	03:36	0.7	10477	N13 W88	2N	1/1	
			SXR	03:38	3.0	/C	062	M5		

Table 1 continued

1969

201	100 ₁	12 15	Ha	02:48	1.5	10477	R07 B36	1E	---	310/II		
			SXR	02:30	2.0	/C	062	M1			306/I	
202	100 ₂	12 15	Ha	17:07	0.5	10478	S12 B30	SB	1-/5	310/II		
			Ha	17:13	0.5	10477	R14 B48	SE			306/I	
			SXR	17:10	2.0	0 + 0	063+062	C9				
203	100 ₃	12 15	Ha	23:00	1.1	10477	R09 B51	1H	---	310/II		
			Ha	01:11	1.2	10477	R10 B53	SE			-/1	306/I
		SXR	23:00	3.0	/C	062	C5					
	101	12 17	Ha	00:32	2.3	10477	R10 B38	2B	2+/5	310/II		
			Ha	04:23	0.6	10477	R09 B21	1F			306/I	
			SXR	00:32	4.5	/D	062	M6				
204	101 ₁	12 17	Ha	06:53	0.7	10478	S11 B10	1E	2/1	310/II		
			Ha	07:03	1.0	10477	R08 B21	1E			306/I	
			SXR	06:58	2.0	D + 0	063+062	M9				
205	101 ₂	12 17	Ha	09:47	0.7	10478	S11 B09	1E	1/5	310/II		
			SXR	09:50	2.0	/E	063	M8			306/I	
206	101 ₃	12 18	Ha	07:45	0.7	10477	R15 B28	1E	---	310/II		
			SXR	07:42	2.0	/B	062	C5			306/I	
207	101 ₄	12 18	SXR	15:00	2.0	---	---	C4	-/1	310/II		
208	101 ₅	12 19	Ha	01:29	0.7	10478	S12 B15	1E	-/1	310/II		
			SXR	01:29	2.0	/E	063	C5			306/I	
209	102 ₁	12 19	Ha	12:01	0.6	10477	R10 B08	1E	-/1	310/II		
			SXR	12:01	2.0	/B	062	C8			306/I	
210	102 ₂	12 23	Ha	06:13	1.1	10477	R11 B48	SE	---	310/II		
			SXR	06:13	4.0	/C	062	C9			306/I	
211	102 ₃	12 26	Ha	02:28	0.7	10492	S08 B15	SE	-/1	310/II		
			Ha	02:39	0.5	10495	S23 B05	SE			2/5	306/I
			SXR	02:38	2.5	0 + D	359+350	M8				
212	102 ₄	12 30	Ha	00:44	0.3	10491	S06 B75	1E	---	310/II		
			Ha	01:39E	0.0	10491	S15 B80	1E			306/I	
			SXR	00:44	2.0	J + A	008+359	C8				
	103	12 30	Ha	19:27	0.0	10491	S14 B85	1E	2-/5	310/II		
			SXR	19:21E	3.0	/A	359	M3			306/I	
213	103 ₁	12 31	Ha	11:15	0.2	10508	R13 B35	SB	---	310/II		
			Ha	11:40	1.9	10506	R14 B11	SE			306/I	
			Ha	11:43	0.2	10508	R14 B11	SE			---	
			SXR	11:20	2.0	B + 0	243+266	C3				

Table 1 continued

1970										
214	103 ₂	01 01	Ha	12:59	1.6	10503	S17 127	SF	---	311/11
			Ha	14:15	0.9	10500	S15 100	1E		307/1
			SXR	13:00	2.0	/D	287	09		
215	103 ₃	01 02	Ha	05:10	1.9	10512	S20 158	1B	---	311/11
			Ha	06:08	2.0	10512	S21 153	2E		307/1
			SXR	05:18	3.0	/D	198	08		
216	103 ₄	01 04	Ha	02:35	1.2	10512	S21 131	SF	---	311/11
			SXR	02:10	2.0	D + D	198+243	06		307/1
			Ha	02:50	0.7	10508	S18 110	SF		
217	103 ₅	01 05	Ha	04:15	1.2	10506	S15 145	1E	---	311/11
			SXR	04:00	2.0	0	286	05		307/1
218	103 ₆	01 08	SXR	02:00	2.0	x	x	05	---	311/11
			104	01 10	Ha	04:21B	0.3D	10522	S10 150	SF
			SXR	03:40	2.0	/D	017	14		307/1
219	104 ₁	01 12	Ha	11:55B	0.1D	10514	S28 182	SF	---	311/11
			SXR	11:00	2.0	/D	176	03		307/1
220	104 ₂	01 15	Ha	06:14	0.3	10531	S15 107	SF	2-7/5	311/11
			Ha	06:11	0.2	10524	S15 126	SF		307/1
			Ha	07:39	0.2	10531	S15 104	SF		
			SXR	06:14	3.0	D + D	019+057	08		
221	104 ₃	01 24	SXR	02:14	2.0	x	x	08	1-7/1	311/11
			105	01 24	Ha	06:02	0.4	10542	S18 132	SF
			SXR	06:57	4.0	EX/A	293	15		307/1
222	105 ₁	01 24	Ha	10:55	0.3D	10527	S14 150	SF	1+7/1	311/11
			SXR	10:49	2.0	/D	041	05		307/1
223	105 ₂	01 24	Ha	18:18	0.2	10536	S01 119	SF	---	311/11
			Ha	19:00	0.4	10536	S01 119	SF	1/5	307/1
			SXR	18:42	3.5	/D	334	12		
224	105 ₃	01 26	Ha	03:43	0.3	10542	S20 110	SF	---	311/11
			Ha	04:09	4.2	10544	S07 129	SF		307/1
			SXR	03:55	2.0	D + D	293+269	05		
225	105 ₄	01 26	Ha	17:29	0.1	10544	S08 129	SF	---	311/11
			SXR	16:19	3.0	/D	269	05		307/1
226	107 ₁	01 28	Ha	04:03B	0.5D	10542	S15 127	SF	1-7/1	311/11
			SXR	04:23B	2.0	/D	293	05		307/1
108	01 28	01 28	Ha	06:12	0.6	10542	S15 125	2E	2/5	311/11
			Ha	07:18	0.2	10542	S14 126	SF	2/5	307/1
			SXR	06:08	3.0	/D	293	X1		

Table 1 continued

1970

227	108 ₁	01 28	Ha	10:22	1.1	10542	S16 W26	1B	2+/5	311/II
			SXR	10:22	2.0	/B	293	C8		307/I
228	108 ₂	01 28	Ha	14:55	0.4	10542	S17 W26	SN	2/5	311/II
			Ha	16:00	0.5	10542	S11 W29	SF	1/3	307/I
			SXR	14:55	3.0	/E	293	M1		
229	109 ₁	01 29	Ha	01:58	0.8	10542	S20 W30	2N	1-/1	311/II
			SXR	01:43E	2.0	/F	293	C8		307/I
230	110 ₁	01 30	Ha	15:00	1.5	10544	S06 W32	1B	1+/5	311/II
			SXR	15:00	2.5	/C	269	C9		307/I
	111	01 31	Ha	14:28	0.3	10542	S18 W68	1N	1/5	311/II
			Ha	15:12	3.1	10542	S23 W62	2B	2/5	307/I
			SXR	15:13	6.0	AP/E	293	M6		
	112	02 02	Ha	20:37	0.3	10544	S08 W77	SN	1-/3	312/II
			Ha	21:43E	0.8D	10542	S23 W89	1B	2+/5	308/I
			SXR	21:28	4.0	E	293	X1		
231	112 ₁	02 03	Ha	02:15	0.3	10561	N19 W48	SF	---	312/II
			SXR	01:20	2.5	/D	236	C5		308/I
232	112 ₂	02 03	SXR	05:30	2.5	x	x	C8	---	312/II
233	112 ₃	02 04	Ha	23:46	1.4	10567	S23 E73	1F	---	312/II
			SXR	23:46	3.0	J + B	170	C5		308/I
234	112 ₄	02 08	Ha	07:27	2.0	10560	S12 W23	SN	1/1	312/II
			SXR	07:20	2.5	/D	140	C8		308/I
235	113 ₁	02 09	Ha	12:00	2.4	10568	N18 E18	SN	1/3	312/II
			SXR	12:00	2.0	/D	090	M1		308/I
236	113 ₂	02 10	Ha	16:57	0.6	10568	N17 W02	SF	1/5	312/II
			SXR	16:57	4.0	/E	090	C6		308/I
	115	02 11	Ha	07:03	1.4	10568	N18 W06	2B	2+/5	312/II
			Ha	07:52	1.1	10568	N19 W07	1B		308/I
			SXR	07:12	3.0	/E	090	X5		
	116	02 11	Ha	21:10	2.3	10568	N18 W13	2B	1/1	312/II
			Ha	22:50	1.0	10568	N19 W14	2F	2+/1	308/I
			SXR	21:10	3.0	BP/E	090	X5		
	118	02 12	Ha	07:46	1.0	10568	N18 W20	1B	1+/5	312/II
			SXR	07:20	2.5	D/E	090	M5		308/I
237	118 ₁	02 12	Ha	13:26	0.7	10568	N19 W25	1N	1+/5	312/II
			Ha	13:40	0.3	10571	S14 W02	SB		308/I
			SXR	13:20	2.0	E + D	090+C71	C6		

Table 1 continued

1970

	119	02 13	Ha	22:26	1.2	10568	E20 W39	1N	1+/5	312/II
			SXR	22:30B	2.5	D/B	090	M2		308/I
238	119 ₁	02 16	Ha	02:02	1.2	10567	S14 W82	2N	---	312/II
			SXR	02:00	2.0	0	089	C8		308/I
239	119 ₂	02 16	Ha	08:14	0.9	10571	S13 W56	SF	---	312/II
			SXR	07:50	2.0	A + 0	071+089	C8		308/I
240	119 ₃	02 17	Ha	15:30	0.5	10584	S18 E68	SN	1/5	312/II
			SXR	15:10	2.0	B	292	C8		308/I
241	119 ₄	02 17	Ha	22:26	1.0	10584	S18 E60	1N	1+/5	312/II
			SXR	22:18	2.0	B	292	M2		308/I
	120	02 18	Ha	04:31	0.6	10584	S19 E60	1N	2/5	312/II
			Ha	05:26	0.8	10584	S19 E60	SN		308/I
			SXR	04:31	2.5	C	292	M2		
242	120 ₁	02 18	Ha	18:03	0.6	10584	S19 E51	1N	1/5	312/II
			SXR	18:05	2.0	C	292	C8		308/I
243	121 ₁	02 19	Ha	08:00	0.4	10579	S13 W31	1F	---	312/II
			SXR	08:42	2.0	/B	002	C7		308/I
			Ha	08:42	0.2	10579	S13 W30	SN		
244	122 ₁	02 20	Ha	17:17	0.5	10579	S13 W45	SN	1+/5	312/II
			SXR	17:19	2.0	/B	002	C9		308/I
245	122 ₂	02 21	Ha	14:23	1.3	10584	S12 E11	1F	---	312/II
			SXR	14:24	2.0	C	292	C7		308/I
246	122 ₃	02 24	Ha	08:57	0.2	10595	E16 E41	1B	1/5	312/II
			SXR	08:56	2.0	D	236	M1		308/I
247	122 ₄	02 25	Ha	16:11	0.6	10595	E18 E22	SN	1-/1	312/II
			SXR	16:11	2.0	/D	236	C5		308/I
248	122 ₅	02 26	Ha	01:13	1.0	10588	S06 W13	SN	1/1	312/II
			SXR	01:13	2.0	/C	259	C7		308/I
249	122 ₆	02 26	Ha	12:47	0.3	10595	N14 E11	SN	1/3	312/II
			SXR	12:50	4.0	D	236	C9		308/I
250	122 ₇	02 27	Ha	04:26	1.2	10584	S22 W54	1N	---	312/II
			SXR	04:26	3.0	0	292	C4		308/I
251	122 ₈	02 27	Ha	18:45	0.1	10607	NC7 E75	SF	2/5	312/II
			SXR	18:45	2.0	A	156	M1		308/I
	123	02 27	Ha	23:18	0.6	10607	NC8 E70	1B	3-/5	312/II
			SXR	23:19	2.0	D	156	X2		308/I
252	123 ₁	02 28	Ha	12:57	0.5	10607	NC7 E61	SN	3-/5	312/II
			SXR	12:57	2.0	D	156	M9		308/I

Table 1 continued

1970

	124	02 28	Ha	19:08	1.7	10607	NC7 E58	SB	2+/5	312/II
			SXR	19:08	2.0	/D	156	M9		308/I
253	124 ₁	03 01	Ha	09:36	0.5	10607	NC5 E48	1B	3-/5	313/II
			SXR	09:30E	2.0	D	156	X2		309/I
	125	03 01	Ha	11:01	0.5	10607	NC7 E50	1N	2/3	313/II
			Ha	11:43	1.5	10595	N14 W33	2N	1+/3	309/I
			SXR	11:09	3.5	D ; D	156; 236	M9		
254	125 ₁	03 01	Ha	23:35	0.4	10607	NC7 E39	SB	1/5	313/II
			SXR	23:35	2.0	BY/D	156	M5		309/I
255	125 ₂	03 02	Ha	09:35	0.5	10607	NC6 E34	1N	2/1	313/II
			SXR	09:10	3.5	/D	156	C9		309/I
	126	03 02	Ha	13:17	0.3	10607	NC6 E32	SB	1/5	313/II
			Ha	14:20	0.9	10607	NC6 E33	1N	2/5	309/I
			SXR	13:23E	7.0	BP/D	156	M6		
256	126 ₁	03 02	Ha	21:58	0.6	10607	NC7 E30	SB	1-/1	313/II
			SXR	21:58	2.0	BP/D	156	C8		309/I
257	126 ₂	03 03	Ha	23:07	1.1	10595	N13 W64	1N	1+/5	313/II
			SXR	22:39	2.5	/H	236	C9		309/I
258	126 ₃	03 04	Ha	18:22	0.5	10595	N14 W80	SB	1/5	313/II
			SXR	18:22	2.0	/H	236	M5		309/I
259	127 ₁	03 05	Ha	12:26	0.6	10607	NC5 W05	SB	1/1	313/II
			SXR	12:00	2.0	/C	156	M2		309/I
260	127 ₂	03 05	Ha	16:16	0.5	10618	S16 E70	1B	1/1	313/II
			SXR	16:16	2.0	/C	C83	C9		309/I
	129	03 05	Ha	19:09	0.5	10618	S15 E72	1B	1+/3	313/II
			SXR	19:00	2.0	/C	C83	M4		309/I
	130	03 06	Ha	10:49	0.1	10618*	S12 E58	SF	3/5	313/II
			SXR	09:33	2.0	/C	C83	M5		309/I
	131	03 06	Ha	12:41	0.3	10607	NC4 W27	SF	3/3	313/II
			Ha	13:21	0.3	10618	S14 E60	1N		309/I
			SXR	11:44	5.0	C ; C	156; C83	M3		
261	132 ₁	03 07	Ha	06:30	0.6	10618	S14 E55	SF	1/3	313/II
			SXR	06:30	2.0	/C	C83	C9		309/I
262	132 ₂	03 07	Ha	11:22	0.7	10618	S14 E48	1B	2/3	313/II
			SXR	11:22	2.0	/C	C83	M1		309/I
263	133 ₁	03 08	Ha	16:07	0.7	10618	S16 E29	SN	1-/3	313/II
			SXR	16:07	2.0	/C	C83	C6		309/I

Table 1 continued

1970										
264	134 ₁	03 11	Ha	08:05	0.8	10617	N17 W20	1N	---	313/II
			SXR	08:05	2.0	0	065	06		309/I
265	135 ₁	03 12	Ha	06:38	1.5	10617	N23 W28	1N	1-/3	313/II
			SXR	06:35	2.0	0	065	08		309/I
266	135 ₂	03 13	Ha	01:15	0.1	10618	S16 W44	SE	1/1	313/II
			Ha	01:29	0.9	10618	S13 W28	1N	1/3	309/I
			SXR	01:15	2.0	D	083	06		
267	135 ₃	03 13	Ha	16:09	0.4	10618	S14 W05	SN	---	313/II
			SXR	16:09	2.0	(D	083	03		309/I
268	135 ₄	03 13	SXR	21:00	2.0	---	---	05	---	313/II
269	135 ₅	03 16	Ha	22:01	2.2	10618	S21 W82	SF	---	313/II
			SXR	22:01	2.0	/H	083	06		309/I
270	135 ₆	03 17	Ha	22:42	0.6	10630	S00 W36	1E	1/5	313/II
			SXR	22:50	2.0	/G	020	11		309/I
271	135 ₇	03 19	Ha	05:50	0.8	10641	N14 W78	SN	1-/1	313/II
			SXR	06:12	2.0	/J	263	11		309/I
272	135 ₈	03 19	Ha	21:56	0.4	10641	N14 W76	SF	1/3	313/II
			SXR	21:00	3.0	/J	263	05		309/I
273	137 ₁	03 21	Ha	17:31	0.5	10641	N15 W50	SN	1/3	313/II
			SXR	17:31	2.0	D + J	257+263	06		309/I
274	137 ₂	03 22	Ha	00:01	1.5	10641	N15 W55	2N	1/3	313/II
			SXR	00:01	3.0	D + J	257+263	11		309/I
275	137 ₃	03 22	Ha	23:36	1.9	10641	N16 W29	1N	1-/5	313/II
			SXR	23:36	4.0	D + J	257+263	11		309/I
276	137 ₄	03 23	Ha	03:17	2.1	10641	N15 W42	2N	1/1	313/II
			SXR	03:17	2.5	D + J	257+263	05		309/I
277	137 ₅	03 23	Ha	12:42E	0.1D	10638	N18 W70	SF	---	313/II
			SXR	12:00	2.0	EF/D	335	03		309/I
278	140 ₁	03 24	Ha	21:24E	0.6D	10638	N17 W81	1N	---	313/II
			SXR	21:24	2.0	AF/C	335	05		309/I
279	140 ₂	03 25	Ha	01:08	0.5	10641	N15 W16	SN	1/3	313/II
			SXR	00:01	2.0	/H	238	06		309/I
280	140 ₃	03 25	Ha	05:10	2.0	10638	N21 W88	1N	1-/5	313/II
			SXR	06:00	2.0	x	335	08		309/I
281	141 ₁	03 25	Ha	20:08	0.3	10652	N04 W89	SE	1/3	313/II
			Ha	20:22	2.5	10652	N02 W85	1N		309/I
			SXR	20:08	2.0	/J	162	09		

Table 1 continued

1970

	142	03 26	Ha	20:05	1.0	10652	N06 E66	1B	2/5	313/II
			SXR	20:08	3.0	/J	162	X1		309/I
282	142 ₁	03 27	Ha	12:30	1.0	10641	N16 W17	1N	2/3	313/II
			SXR	12:00	2.0	/C	257	M2		309/I
283	143 ₁	03 30	Ha	06:23	1.0	10641	N16 W52	SN	1/1	313/II
			SXR	06:23	2.0	/A	257	C6		309/I
284	143 ₂	03 30	Ha	23:51	0.5	10654	S14 E65	1N	1-/3	313/II
			SXR	22:00	2.0	/A	123	C9		309/I
	144	03 31	Ha	17:53	1.1	10654	S12 E45	2B	2/5	313/II
			SXR	18:08	2.0	/A	123	M2		309/I
285	144 ₁	03 31	Ha	22:14	0.6	10661	S12 E78	1N	1+/5	313/II
			SXR	22:00	2.0	/D	088	C6		309/I
286	144 ₂	04 04	Ha	11:06	0.6	10669	S08 E62	SF	1/1	313/II
			SXR	11:05	2.0	/E	053	C8		309/I
	146	04 06	Ha	11:40	0.8	10669	S11 E35	1N	2/5	314/II
			Ha	11:54	0.7	10669	S11 E39	1N		310/I
			Ha	12:33	1.3	10669	S13 E38	2N	2/5	
			SXR	11:40	5.0	D/B	053	M5		
	148	04 07	Ha	17:06	2.7	10669	S11 E14	SB	2+/5	314/II
			Ha	18:44	2.1	10669	S08 E19	SF	1-/3	310/I
			SXR	17:06	4.0	D/E	053	M4		
	149	04 08	Ha	15:43	0.6	10675	N18 E56	SN	2/5	314/II
			SXR	15:40	2.0	BY/B	006	M2		310/I
287	149 ₁	04 08	Ha	19:44	0.8	10675	N17 E55	1N	2+/5	314/II
			SXR	19:44	1.5	BY/B	006	M6		310/I
288	149 ₂	04 09	Ha	04:00	0.4	10675	N16 E52	1B	1/3	314/II
			SXR	04:00	3.0	/D	002	C9+C5		310/I
			Ha	05:23	1.3	10675	N18 E50	1B		
289	149 ₃	04 09	Ha	21:58	0.3	10675	N15 E40	SF	1-/3	314/II
			SXR	22:00	3.0	/D	002	C9		310/I
290	149 ₄	04 10	Ha	01:04	0.9	10675	N16 E39	1B	1/3	314/II
			SXR	01:04	2.0	/E	002	C9		310/I
	150	04 10	Ha	16:26	0.3	10669	S13 W19	1B	2/5	314/II
			SXR	16:29	3.0	/D	057	M4		310/I
291	150 ₁	04 11	Ha	02:07	0.5	10675	N15 E23	SF	---	314/II
			Ha	02:23	0.3	10675	N17 E23	SN	---	310/I
			SXR	02:00	2.0	/E	006	C5		

Table 1 continued

1970										
292	150 ₂	04 12	Ha	00:52	1.3	10664	N28 W52	1F	1-/1	314/II
			SXR	00:52	2.0	0	053	C4		310/I
293	151 ₁	04 13	Ha	05:25	x	10687	N15 W90	x	1/3	314/II
			SXR	05:10	2.5	J	275	C8		310/I
294	152 ₁	04 18	Ha	03:02	0.2	10675	N16 W72	SK	1/3	314/II
			SXR	03:00	4.0	/E	006	C8		310/I
	153	04 19	Ha	19:40B	0.5	10692	N22 W57	SF	1+/5	314/II
			SXR	19:20	2.0	/C	220	M4		310/I
295	154 ₁	04 25	Ha	08:03	0.1	10709	S07 W77	SF	---	314/II
			Ha	08:50	0.8	10708	N19 W70	SK		310/I
			SXR	08:00	2.0	C + B	110+135	C6		
296	154 ₂	04 28	Ha	21:16	0.6	10709	S09 W36	SB	1/5	314/II
			SXR	21:16	2.0	/C	121	C8		310/I
297	154 ₃	04 29	Ha	00:52	1.2	10709	S10 W46	1N	1-/1	314/II
			SXR	00:52	2.0	/C	121	C8		310/I
	155	05 01	Ha	14:26	0.6	10709	S13 W10	1N	1/5	315/II
			Ha	14:25	1.5	10709	S13 W11	1N		311/I
			SXR	14:27	3.0	AF/C	110	M2		
298	155 ₁	05 01	Ha	19:02	0.8	10709	S09 W13	SF	1-/3	315/II
			Ha	20:20	0.7	10709	S12 W06	SF		311/I
			SXR	19:00	2.0	C + C	121+110	C9		
299	155 ₂	05 04	Ha	22:22	3.8	10722	N32 W09	2F	---	315/II
			SXR	23:00	2.0	0	C62	C4		311/I
300	155 ₃	05 07	Ha	15:25	0.3	10725	N19 W33	SF	1/5	315/II
			SXR	15:25	2.0	/D	012	C8		311/I
301	156 ₁	05 10	Ha	08:46	0.1	10709	S09 W90	SN	---	315/II
			SXR	09:00	3.0	0	120	C3		311/I
	158	05 12	Ha	07:18	0.8	10743a	N16 W82	1N	2+/5	315/II
			SXR	07:30B	2.0	AF/B	297	M6		311/I
302	161 ₁	05 15	Ha	14:22	2.1	10740	S09 W12	SB	1/5	315/II
			SXR	14:22	2.0	D/E	306	C8		311/I
303	161 ₂	05 15	Ha	19:06	1.2	10740	S08 W16	SK	2-/5	315/II
			SXR	19:06	2.0	D/E	306	C9		311/I
304	161 ₃	05 16	Ha	14:00	0.6	10740	S05 W30	SB	---	315/II
			Ha	14:48	0.6	10740	S08 W26	1B	2-/5	311/I
			SXR	14:00	2.0	D/E	306	C8		
305	162 ₁	05 22	Ha	00:20	1.0	10750	N16 W11	1N	1-/3	315/II
			SXR	00:20	2.0	/C	201	M1		311/I

Table 1 continued

1970										
306	162 ₂	05 24	Ha	06:19	0.4	10743a	N20 W81	SN	1+/5	315/II
			SXR	06:19	2.0	/E	256	C8		311/I
307	162 ₃	05 24	Ha	23:00	1.0	10750	N19 W33	SF	1-/3	315/II
			SXR	22:00	2.0	/J	201	C6		311/I
	163	05 25	Ha	05:05E	0.4D	10760	S06 E35	SF	1+/5	315/II
			Ha	05:20	0.5	10747	S08 W78	SF		311/I
			Ha	05:20E	0.1D	10748	S08 W47	SF		
			SXR	05:26	3.0	x	x	M1		
308	163 ₁	05 28	Ha	16:46	0.2	10760	S08 W18	SN	---	315/II
			SXR	16:20	3.5	D/D	134	C4		311/I
309	166 ₁	06 04	Ha	21:18	0.2	10763	N08 W62	SF	---	316/II
			SXR	21:00	4.0	/J	089	C5		312/I
	168	06 05	Ha	20:08	0.4	10772	N20 W24	SF	1+/5	316/II
			SXR	19:14	3.0	/A	034	M2		312/I
310	168 ₁	06 06	SXR	09:22	2.5	10763?	---	M2	1/3	316/II
311	168 ₂	06 06	Ha	12:12	0.7	10763	N11 W90	SB	1/3	316/II
			SXR	12:12	2.0	/J	089	M2		316/II
312	172 ₁	06 08	Ha	07:40	0.6	10774	S09 E29	1N	---	316/II
			SXR	07:40	2.0	0	299	C4		312/I
313	177 ₁	06 13	Ha	13:32	0.5	10789	N16 E44	1E	1+/5	316/II
			Ha	13:29	1.0	10789	N16 E43	1N		312/I
			SXR	13:30	3.0	/E	223	M2		
314	177 ₂	06 13	Ha	21:57	0.4	10789	N19 E43	SB	---	316/II
			SXR	22:00	2.0	/E	223	C6		312/I
315	177 ₃	06 14	Ha	02:21	1.5	10781	N19 E01	2F	1-/3	316/II
			SXR	02:21	2.0	/E	265	C4		312/I
316	177 ₄	06 14	Ha	05:04	0.9	10789	N19 E42	2B	3/5	316/II
			SXR	05:04	2.0	/E	223	M8+C5		312/I
317	177 ₅	06 14	Ha	09:25	0.8	10781	N17 W08	1B	2-/3	316/II
			SXR	09:25	2.0	/E	265	C7		312/I
318	179 ₁	06 14	Ha	23:22	0.6	10789	N19 E29	1M	1/5	316/II
			SXR	23:22	2.0	/E	223	M7		312/I
319	181 ₁	06 15	Ha	23:30	1.4	10781	N18 W28	SF	1-/3	316/II
			Ha	23:28	0.7	10789	N20 E21	SF		312/I
			SXR	23:30	3.0	E+F	265+223	C8		
320	183 ₁	06 17	Ha	05:48	0.8	10781	N16 W44	SN	---	316/II
			Ha	06:21	0.6	10789	N19 W02	SN		312/I
			SXR	05:48	3.0	D + F	265+223	C9		

Table 1 continued

1970										
321	184 ₁	06 19	Ha	16:15	0.5	10789	N17 W38	SF	1+/5	316/II
			Ha	16:32	0.5	10781	N18 W76	SF		312/I
			SXR	16:15	2.0	F + C	265+223	C9		
322	184 ₂	06 19	Ha	22:01	1.1	10789	N19 W54	1E	1/3	316/II
			SXR	22:01	2.0	/F	223	M1		312/I
323	184 ₃	06 23	Ha	14:00	0.3	10807	S11 E90	SF	1-/3	316/II
			SXR	13:46	2.0	/B	048	M1		312/I
324	186 ₁	06 27	Ha	10:37	0.4	10808	N20 W43	SF	---	316/II
			SXR	10:00	2.0	/E	040	C5		312/I
			Ha	18:07	1.2	10808	N20 W29	1E		1/3
			SXR	18:00	2.0	/B	040	C9		313/I
325	193 ₁	07 06	Ha	13:02	0.8	10812	S08 W32	1E	1+/5	317/II
			SXR	13:02	2.0	/E	359	C9		313/I
			Ha	16:40	0.4	10808	S24 E90	SF		2+/5
Ha	16:54	0.4	10815	S09 W14	SF	313/I				
			SXR	16:48	2.0	/C	040	M6		
326	197 ₁	07 11	Ha	05:07	0.3	10832	S17 E74	SF	1/5	317/II
			SXR	05:07	2.0	/C	040	M3		313/I
327	197 ₂	07 11	Ha	08:19	0.5	10832	S18 E72	1E	---	317/II
			SXR	08:19	2.0	/C	040	M3		313/I
328	197 ₃	07 12	Ha	03:54	0.7	10821	N17 W17	SF	---	317/II
			SXR	03:20	2.0	/J	264	C6		313/I
329	197 ₄	07 12	Ha	20:06	0.4	10815	S07 W73	SF	---	317/II
			SXR	20:00	2.0	/E	317	C6		313/I
330	197 ₅	07 13	Ha	06:12	0.3D	10828	N02 W14	SF	1-/3	317/II
			SXR	06:12	2.0	C	246	C9		313/I
331	197 ₆	07 14	Ha	01:45	0.2	10836	S18 E64	SF	---	317/II
			SXR	00:30	2.5	/B	159	C5		313/I
			Ha	06:50	0.2	10837	S15 E90	SF		1/5
SXR	06:29	2.5	G	130	C9	313/I				
332	198 ₁	07 16	Ha	07:23E	0.5	10830	N19 W03	SF	1/3	317/II
			SXR	07:23	2.0	/C	203	M1		313/I
333	198 ₂	07 18	Ha	00:21	0.5	10832	S17 W24	SF	1-/3	317/II
			SXR	00:21	2.0	/C	196	C6		313/I
334	198 ₃	07 18	Ha	03:44	0.5	10845	N09 E82	1E	---	317/II
			SXR	03:44	2.0	/D	092	C6		313/I
335	198 ₄	07 18	Ha	17:44	0.7	10845	N08 E72	SF	---	317/I

Table 1 continued

1970											
335	198 ₄	07 18	Ha	18:55	1.5	10845	N11 B67	1N	2-/5	317/II	
			SXR	17:44	2.5	/D	092	C7		313/I	
	199	07 18	Ha	20:09	0.5D	10830	N11 B67	SN	---	317/II	
			SXR	20:35	3.0	/B	203	C9		313/I	
336	199 ₁	07 19	Ha	04:33E	0.1D	10845	N08 E70	1F	1/3	317/II	
			SXR	04:20	2.0	/D	092	C8		313/I	
	201	07 19	He	22:27	1.0	10845	N03 E64	SF	---	317/II	
			Ha	00:40	0.2	10845	N01 E67	SF		313/I	
			SXR	22:20	4.0	/D	092	C7			
337	213 ₁	07 30	Ha	01:07	0.5	10852	N11 E02	1N	---	317/II	
			SXR	01:07	2.0	/A	313	M1		313/I	
338	215 ₁	08 01	Ha	16:05	0.4	10847	S12 V65	SN	---	318/II	
			SXR	16:05	2.0	/L	016	C8		314/I	
339	216 ₁	08 03	Ha	16:20	0.6	10846	N17 W50	SN	---	318/II	
			SXR	16:20	2.0	/O	044	M1		314/I	
340	216 ₂	08 05	Ha	07:04	2.3	10865	N15 B44	SF	---	318/II	
			SXR	07:00	3.0	/J	259	C5		314/I	
341	216 ₃	08 09	Ha	00:54	0.4	10871	SC6 W04	SN	---	318/II	
			Ha	01:45	0.5	10871	SC7 W04	SN		1-/1	314/I
			SXR	00:54	3.0	/O	249	M1			
	217	08 11	Ha	23:17	0.3	10868	N18 E00	SF	2+/5	318/II	
			Ha	00:28	0.2	10868	N23 E04	SF		---	314/I
			SXR	23:17	4.0	A + D	209+200	M5			
342	217 ₁	08 13	Ha	07:42	0.4	10865	N17 W55	SN	2/5	318/II	
			Ha	08:02	0.7	10868	N21 W14	1B		2+/3	314/I
			SXR	07:42	2.5	B + B	237+200	M5			
	219	08 14	Ha	15:56	1.1	10865	N16 W74	1B	3-/5	318/II	
			Ha	16:03	2.1	10882	N11 E74	1B		314/I	
			Ha	17:02	4.2	10865	N17 W74	1B			
			SXR	15:50	5.0	B; H	237;094	X4.4			
	221	08 15	SXR	23:35	2.0	/B	237	M9		314/I	
			Ha	00:54	0.5	10865	N18 W90	1F	1+/3	318/II	
343	222 ₁	08 16	Ha	05:42	0.4	10875	SC8 W29	SN	2-/5	318/II	
			SXR	05:40	2.0	/D	180	C5		314/I	
	223	08 16	Ha	11:40	0.3	10865	N17 W90	1N	2+/5	318/II	
			SXR	11:40	3.0	/E	237	M9		314/I	
344	227 ₁	08 19	Ha	15:10E	1.7D	10868	N24 W86	1N	1/5	318/II	
			SXR	16:08	2.0	/D	200	C8		314/I	

Table 1 continued

1970											
345	227 ₂	08 19	Ha	22:30	0.2	10882	R08 W05	SF	1-/1	318/II	
			SXR	21:00	3.0	/H	094	C8			314/I
	229	08 20	Ha	04:25	0.3	10887	R22 W24	SN	2/3	318/II	
			Ha	04:26	0.2	10888	R15 W43	SN			314/I
			SXR	03:55	2.5	D + C	073+053	M9			
346	229 ₁	08 22	Ha	00:40	0.3	10887	R21 W02	SF	---	318/II	
			SXR	00:30	2.0	/D	073	C7			314/I
	230	08 27	Ha	12:48	3.1	10913	R19 W88	SN	1+/5	318/II	
			SXR	13:33	4.0	BP/C	274	M6			314/I
347	231 ₁	09 02	Ha	13:34	1.9	10913	R19 W15	SN	1-/1	319/II	
			SXR	13:34	2.5	/C	274	C5			315/I
348	231 ₂	09 03	Ha	16:52	1.1	10913	R19 W01	SN	1+/1	319/II	
			SXR	10:52	2.5	/C	274	C5			315/I
			Ha	17:25	1.6	10913	R19 W00	SN			
349	234 ₁	09 08	Ha	18:34	0.5	10935	R05 W40	SN	---	319/II	
			SXR	18:34	2.0	/D1	152	C6			315/I
350	234 ₂	09 10	Ha	08:58	0.3	10918	R19 W73	SN	1/1	319/II	
			SXR	08:58	2.0	/H	243	C5			315/I
			Ha	17:50	0.3	10918	R12 W88	SN			---
SXR	17:34	2.5	/H	243	C8	315/I					
351	235 ₁	09 25	Ha	04:55	0.1	10958	R01 W06	SF	2/3	319/II	
			Ha	05:06	0.2	10959	R11 W12	SN			315/I
			SXR	04:00	3.0	A + C	334+325	C5			
	238	09 29	Ha	07:34	0.2	10969	S06 W79	SF	---	319/II	
			Ha	10:40	0.3	10969	S07 W80	SF			315/I
			SXR	07:30	4.5	0	203	M5			
352	239 ₁	10 04	Ha	20:08	0.8	10905	R18 W28	SN	---	320/II	
			SXR	20:08	2.0	BP/D	245	C8			316/I
353	239 ₂	10 05	Ha	04:49	0.5	10971	S11 W25	SN	1-/1	320/II	
			SXR	04:49	2.0	BY/D	184	M1			316/I
354	239 ₃	10 05	Ha	06:36	0.7	10971	S11 W24	SF	1-/1	320/II	
			SXR	06:36	2.0	BY/D	184	C8			316/I
355	240 ₁	10 06	Ha	05:25	0.5	10965	R17 W52	SN	---	320/II	
			SXR	05:25	2.0	/B	245	C6			316/I
356	240 ₂	10 10	Ha	02:43	0.3	10971	S12 W40	SF	1/1	320/II	
			Ha	03:00	0.5	10971	S12 W44	SN			316/I
			Ha	03:32	0.7	10971	S14 W49	SN			
			SXR	02:50	3.0	BY/D	184	C6			

Table 1 continued

1970										
357	240 ₃	10 11	Ha	09:08	0.5	10979	N19 E02	SN	---	320/II
			SXR	09:08	2.0	/D	121	C4		316/I
	241	10 13	Ha	16:46	2.1	<u>10982</u>	S13 W15	2N	---	320/II
			Ha	16:50	1.5	10982	S15 W10	SF	---	316/I
			Ha	16:46	0.7	10987	NO9 E48	SF		
			SXR	16:30	4.5	/C	118	C8		
358	241 ₁	10 13	Ha	22:32	0.4	10987	NO5 E34	SF	---	320/II
			SXR	22:32	2.0	/D	061	C6		316/I
359	241 ₂	10 16	Ha	00:40	0.5	10987	N10 E14	SN	1-/3	320/II
			SXR	00:39	2.5	/D	061	M2		316/I
360	241 ₃	10 16	Ha	12:34	0.5	10982	S13 W62	SN	1/3	320/II
			SXR	12:31	2.0	/C	118	M1		316/I
361	241 ₄	10 18	Ha	06:40	1.2	10987	NO8 W32	SF	1-/1	320/II
			SXR	05:57	2.0	/C	061	M1		316/I
	246	10 25	Ha	04:21	0.3	11002	M17 E64	SF	2-/3	320/II
			SXR	03:51	3.5	/E	242	C6		316/I
362	248 ₁	10 26	Ha	17:44	0.2	11002	N16 E38	SB	1/5	320/II
			Ha	18:05	0.8	11002	N21 E42	SN	1+/3	316/I
			SXR	17:44	2.5	D/E	242	M2		
363	250 ₁	10 30	Ha	23:29	0.7	11002	N15 W30	1B	2-/5	320/II
			SXR	23:29	2.0	EF/E	242	C4		316/I
364	251 ₁	11 03	Ha	18:54	0.3	11012	S11 W19	SF	1-/1	321/II
			SXR	18:54	2.0	/J	198	C2		317/I
365	251 ₂	11 04	Ha	00:46	0.7	11019	S12 E48	SF	---	321/II
			SXR	00:46	2.0	/B	123	C4		317/I
366	251 ₃	11 04	Ha	21:19	1.3	11018	N22 E16	1B	2/5	321/II
			SXR	21:19	2.0	/J	153	C6		317/I
367	252 ₁	11 07	Ha	16:04	0.4	11019	S14 E05	SN	---	321/II
			Ha	16:33	0.5	11019	S14 E03	SN		317/I
			SXR	15:50	3.0	/B	123	C2		
368	252 ₂	11 08	Ha	05:17	0.3	11019	S13 W06	SF	---	321/II
			SXR	05:17	2.0	/B	123	C5		317/I
369	252 ₃	11 12	Ha	23:02	2.1	11029	N23 E25	SN	1/1	321/II
			SXR	23:02	2.0	/E	035	C6		317/I
370	252 ₄	11 13	Ha	03:35	1.3	11032	S13 E54	1B	---	321/II
			SXR	03:35	2.0	/D	003	C8		317/I

Table 1 continued

1970										
371	252 ₅	11 13	Ha	23:00	0.7	11029	R16 E09	SD	2/5	321/11
			SXR	23:00	2.0	/D	C35	R1		317/1
372	252 ₆	11 14	Ha	01:34	0.6	11029	N15 E11	1F	1-/3	321/11
			Ha	02:03	0.3	11029	N14 E07	SF	1-/1	317/1
			Ha	03:00	0.6	11029	N15 E07	SN	1-/3	
			Ha	04:40	0.8	11029	N16 E06	SH	1+/3	
			SXR	01:00	4.0	/B	C35	C8		
254	11 15	Ha	06:22	2.7	11029	N15 W10	1E	2-/3	321/11	
		Ha	06:55	2.0	11029	N16 W11	1E	1/3	317/1	
		SAR	06:24	5.5	D/B	C35	X4.1			
373	253 ₁	11 15	Ha	04:14	0.3	11029	N17 W12	SH	1-/3	321/11
			Ha	05:19	0.9	11029	N17 W09	SH	2+/3	317/1
			SXR	04:00	2.0	D/B	C35	R8		
374	258 ₁	11 16	Ha	22:12	1.5	11029	N16 W35	1E	2/5	321/11
			SAR	22:12	2.5	D/B	C35	R1		317/1
375	258 ₂	11 17	Ha	02:14	1.5	11032	S11 W02	SF	---	321/11
			SXR	02:14	2.0	/D	C03	C5		317/1
376	259 ₁	11 17	Ha	11:49	0.4	11029	N15 W40	1E	2/5	321/11
			SAR	11:49	2.0	BY/B	C35	R2		317/1
377	259 ₂	11 17	Ha	17:55	0.7	11029	N16 W45	1E	2/5	321/11
			SXR	17:55	2.0	BY/B	C35	R1		317/1
378	259 ₃	11 17	Ha	22:33	0.9	11029	N16 W48	1E	2+/5	321/11
			SAR	22:33	2.0	BY/B	C35	R2		317/1
379	260 ₁	11 18	Ha	04:08	0.5	11029	N15 W52	SN	2/3	321/11
			Ha	05:04	1.0	11029	N13 W50	1F	---	317/1
			SAR	04:00	4.0	BY/B	C35	C9		
380	260 ₂	11 19	Ha	15:00	0.5	11035	N05 W17	SF	1-/3	321/11
			Ha	14:59	0.6	11035	N06 W18	SF		317/1
			Ha	16:38	0.3	11035	N15 W34	SB		
			SXR	15:00	2.5	/D	C01	C5		
381	260 ₃	11 20	Ha	03:54	0.3	11035	N04 W25	SF	---	321/11
			Ha	04:07	0.9	11035	N16 W39	SN		317/1
			SAR	03:54	2.0	/D	C01	C5		
382	260 ₄	11 20	Ha	12:43	0.5	11035	N02 W26	SN	1-/1	321/11
			Ha	13:26	0.9	11035	N06 W31	SH	---	317/1
			SXR	12:43	2.0	/D	C01	C8		
383	260 ₅	11 21	Ha	09:06	1.0	11035	N04 W41	SN	1/3	321/11
			SXR	09:06	2.0	/D	C01	C9		317/1

Table 1 continued

1970										
384	260 ₆	11 21	Ha	13:23	0.6	11035	N06 W46	1B	2/5	321/II
			SXR	13:23	2.0	/D	C01	C5		317/I
385	261 ₁	11 22	Ha	20:07	0.7	11035	N07 W57	SN	1/3	321/II
			SXR	20:07	2.0	/D	C01	C9		317/I
386	261 ₂	11 23	Ha	10:54	0.8	11035	N08 W66	1B	1+/3	321/II
			SXR	10:54	2.0	/D	C00	M1		317/I
387	261 ₃	11 23	Ha	22:02	0.5	11035	N09 W72	SF	1-/3	321/II
			SXR	22:02	2.0	/C	343	C9		317/I
388	261 ₄	11 24	SXR	00:00	2.0	x	x	C9	---	321/II
389	262 ₁	11 26	SXR	19:00	3.0	x	x	C6	1/1	321/II
390	263 ₁	11 28	SXR	20:20	3.5	x	x	C7	1-/3	321/II
391	263 ₂	11 30	Ha	01:40	0.7	11060	M17 B42	SN	---	321/II
			Ha	02:42	0.6	11060	N18 B38	SN		317/I
			SXR	01:40	2.0	B/C	156	C8		
392	264 ₁	12 03	Ha	21:06	1.0	11063	S16 B08	SN	---	322/II
			SXR	21:06	2.0	/B	131	C5		318/I
393	264 ₂	12 05	Ha	05:15	0.3	11066	S10 B20	SN	1-/1	322/II
			Ha	05:13	0.5	11063	S16 W10	SN		318/I
			SXR	05:15	2.0	J, B	103, 131	C5		
394	265 ₁	12 07	Ha	02:30	0.2	11066	S13 W20	SF	---	322/II
			SXR	02:00	2.0	/B	103	M1		318/I
395	266 ₁	12 08	Ha	22:39	0.4	11073	M12 B42	SN	1/5	322/II
			SXR	22:39	2.0	/D	034	M1		318/I
		269	12 11	Ha	22:05	3.3	11073	M16 W02	1F	1-/3
			Ha	22:36	0.5	11077	N15 B30	SN		318/I
			SXR	22:10	6.0	D, D	034, C05	M8		
396	269 ₁	12 12	Ha	14:50	0.9	11077	N12 B28	1F	1-/3	322/II
			SXR	14:50	2.0	/D	C05	M1		318/I
397	269 ₂	12 13	Ha	00:38	0.7	11070	S11 W34	SN	1/1	322/II
			SXR	00:35	2.0	/A	C52	C8		318/I
	270	12 14	Ha	18:49B	0.1D	11070	SC3 W57	SF	---	322/II
			SXR	19:10	2.5	/A	C52	C8		318/I
	271	12 14	Ha	22:19	0.1	11077	K11 W04	SN	---	322/II
			Ha	22:29	1.7	11077	N05 W02	1F		318/I
			SXR	22:20	2.5	/D	C05	C8		
398	271 ₁	12 18	Ha	14:18	0.7	11090	S10 B81	SN	---	322/II
			SXR	13:00	4.0	/B	225	C5		318/I

Table 1 continued

1970										
399	271 ₂	12 20	Ha	21:29	0.2D	11084	N22 W14	SF	---	322/II
			SXR	21:00	2.0	AF/D	293	O3		318/I
400	273 ₁	12 22	Ha	18:42	0.1	11084	M12 W34	SF	---	322/II
			Ha	19:27	0.5	11084	M10 W35	SH		318/I
			SXR	18:42	2.0	AF/D	193	O5		
401	273 ₂	12 26	Ha	08:07	0.4	11097	M12 W44	SH	1/5	322/II
			SXR	08:07	2.0	/B	163	O5		319/I
402	273 ₃	12 27	Ha	09:11	0.0	11090	S11 W36	SH	---	322/II
			SXR	09:11	2.0	/B	225	O4		318/I
403	273 ₄	12 29	Ha	11:23	0.7	11095	S15 W19	SH	---	322/II
			SXR	11:23	2.0	/D	104	O8		318/I
404	273 ₅	12 30	Ha	18:25	0.3	11095	S14 W39	SH	1-/1	322/II
			SXR	17:00	4.0	/D	184	O2		318/I
1971										
405	273 ₆	01 06	SXR	03:00	2.0	x	x	O5	---	323/II
406	273 ₇	01 06	Ha	20:03	0.6	11111	SC5 W48	SF	---	323/II
			Ha	20:11	0.8D	11112	L12 W50	SF	1-/3	319/I
			SXR	20:00	2.0	g + j	008+006	O8		
407	273 ₈	01 09	Ha	14:54	1.3	11108	L14 W28	SF	---	323/II
			SXR	14:54	2.0	g	050	O5		319/I
408	273 ₉	01 09	Ha	16:51	0.7	11111	SC5 W07	SF	---	323/II
			SXR	16:51	2.0	/D	008	O5		319/I
409	273 ₁₀	01 09	Ha	22:59	0.7	11111	SC4 W06	SB	---	323/II
			SXR	22:59	2.0	/D	008	O8		319/I
410	273 ₁₁	01 10	Ha	17:25	0.7	11111	SC5 W05	SB	2/3	323/II
			Ha	17:33	0.1D	11119	M17 W66	SF		319/I
			SXR	17:25	2.0	g, j	008, 290	M1		
	274	01 16	Ha	08:05	2.6	11128	F19 W46	SH	2+/5	323/II
			SXR	07:53	6.0	AF/g	223	M9		319/I
411	274 ₁	01 16	Ha	12:04	0.4	11111	SC6 W84	SH	2+/3	323/II
			Ha	16:19E	0.4D	11111	SC6 W90	SH		319/I
			SXR	12:00	4.0	AF/B	223	M6		
412	274 ₂	01 19	Ha	15:34	0.5	11128	N21 W21	SH	1+/3	323/II
			SXR	15:35	2.5	/g	223	M1		319/I
413	274 ₃	01 21	Ha	04:39	2.0	11128	N22 W02	SH	2-/5	323/II
			SXR	04:39	2.0	/g	223	O8		319/I

Table 1 continued

1971

414	274 ₄	C1 21	Ha 13:21 0.5 11128 N19 W02 SF 3/5 323/II SXR 13:27B 2.5 /E 223 M9 319/I
415	274 ₅	01 22	Ha 11:04 0.2 11128 N22 W14 SF 1/5 323/II SXR 11:04 2.0 /D 223 M1 319/I
416	274 ₆	01 22	Ha 18:55 1.1 11128 N10 W22 SF 1-/5 323/II SXR 18:55 2.0 /D 223 C9 319/I
417	274 ₇	01 24	Ha 17:11 0.9 11128 N18 W45 SF 1+/3 323/II Ha 18:09 1.3 11128 N16 W45 1B 1 /5 319/I SXR 17:08 3.0 /D 223 M2
418	274 ₈	C1 24	Ha 20:35 0.7 11128 N19 W50 1B 2-/5 323/II SXR 20:35 2.0 /D 223 M1 319/I
	275	C1 24	Ha 22:15 2.1 11128 N18 W49 3B 2+/5 323/II Ha 23:09 1.2 11128 N19 W50 1B 319/I SXR 23:04 10.0 BF/D 223 X4.9
419	275 ₁	C1 28	Ha 08:12 0.2 11134 S12 W24 SF 1-/3 323/II SXR 07:21 2.0 /C 100 C6 319/I
420	276 ₁	C1 28	Ha 13:09 0.6 11129 N11 W67 SB 1/5 323/II SXR 13:09 2.0 B/E 192 C9 319/I
	277	C1 29	Ha 05:52 0.2 11137 N03 W50 SN 2-/3 323/II SXR 04:50 2.5 /E 067 M3 319/I
421	277 ₁	C1 29	Ha 09:35 0.1 11137 N07 W51 SF 1-/1 323/II SXR 07:55 3.0 /E 067 C9 319/I
422	277 ₂	C1 31	Ha 01:03 1.0 11134 S12 W07 1B 1-/1 323/II Ha 02:23 0.7 11134 S13 W08 SN 319/I SXR 01:03 2.0 /H 100 C5
423	277 ₃	C1 31	Ha 11:14 0.6 11134 S12 W13 SB 2+/3 323/II SXR 11:14 2.0 /H 100 M1 319/I
424	277 ₄	C1 31	Ha 19:00B 1.0D 11134 S10 W13 SF --- 323/II SXR 17:40 2.5 /H 100 C5 319/I
425	277 ₅	02 03	Ha 15:22 1.1 11145 S08 W33 1B 1/5 324/II SXR 15:22 2.0 /J 014 M1 319/I
426	277 ₆	C2 04	Ha 13:08 1.0 11137 N08 W31 SF 1-/3 324/II SXR 13:08 2.0 /E 067 M3 320/I
427	277 ₇	C2 05	Ha 14:24 0.4 11140 N10 W76 SF --- 324/II SXR 14:10 2.0 /E 092 C5 320/I
428	277 ₈	C2 05	Ha 22:21 1.0 11145 S09 W02 2B 1-/3 324/II SXR 22:23 2.0 /J 014 M3 320/I

Table 1 continued

1971

429	277 ₉	02 08	Ha	11:06	1.0	11153	N22 W60	1N	---	324/II
			SXR	11:06	3.5	/D	052	06		320/I
430	277 ₁₀	02 11	Ha	04:28	1.6	11146	N28 W60	2F	---	324/II
			SXR	04:28	3.0	0	009	08		320/I
431	277 ₁₁	02 11	SXR	20:20	4.0	x	x	M2	---	324/II
432	277 ₁₂	02 14	Ha	23:17	0.7	11163	S12 E76	SN	1-/1	324/II
			SXR	23:16	2.0	/J	203	09		320/I
433	277 ₁₃	02 15	Ha	16:40	2.0	x	x	09	1/3	324/II
434	277 ₁₄	02 22	Ha	09:21	0.1	11165	S16 E27	SN	---	324/II
			SXR	07:20	3.0	/E	141	M1		320/I
435	277 ₁₅	02 28	Ha	17:42	0.3	11181	S14 E83	SF	---	324/II
			SXR	17:42	2.0	/A	343	05		320/I
436	277 ₁₆	03 02	Ha	06:45	1.0	11181	S14 E74	SF	1-/1	325/II
			SXR	06:00	2.0	/A	343	08		321/I
437	277 ₁₇	03 02	Ha	22:22	0.3	11165	S18 W84	SF	1-/3	325/II
			SXR	22:22	2.0	/D	141	08		321/I
438	277 ₁₈	03 03	SXR	09:00	2.0	x	x	08	---	325/II
	278	03 03	Ha	22:24	0.3	11177	S02 W82	SF	---	325/II
			SXR	21:49B	3.0	/J	127	M2		321/I
	280	03 05	Ha	11:25	0.2D	11173	N07 W62	SF	---	325/II
			SXR	11:00	2.5	/J	073	08		321/I
439	290 ₁	04 11	Ha	20:17	0.5	11253	S05 E37	SN	1-/1	326/II
			SXR	17:00	4.5	0	206	04		322/I
440	290 ₂	04 13	Ha	13:33	0.8	11256	N19 E68	1F	1/3	326/II
			Ha	13:40	0.3	11257	N12 E68	SN	1/3	322/I
			SXR	13:33	3.0	C + A	156+148	08		
441	290 ₃	04 14	Ha	09:30	0.5	11256	N19 E60	SN	---	326/II
			Ha	09:39	0.3	11257	N13 E60	SF	---	322/I
			SXR	09:30	2.5	C + A	156+148	05		
442	290 ₄	04 18	Ha	17:05	0.6	11256	N21 W01	1N	1-/2	326/II
			SXR	17:05	2.0	/D	148	05		322/I
443	295 ₁	04 22	Ha	14:13	0.6	11256	N19 W64	SN	---	326/II
			SXR	14:13	2.0	/C	148	08		322/I
444	303 ₁	05 06	Ha	01:43	0.6	11294	N13 E13	SF	1-/1	327/II
			SXR	01:00	2.0	/D	271	08		323/I
445	303 ₂	05 06	Ha	11:18	0.1	11294	N13 E05	SF	---	327/II
			Ha	11:45	0.3	11294	N13 E05	SF	---	323/I

Table 1 continued

1971										
445	303 ₂	05 06	SXR	11:18	2.0	/D	271	06	---	327/II
446	303 ₃	05 10	Ha	09:42	0.6	11294	N12 W47	1N	1-/1	327/II
			SXR	09:42	4.0	/E	271	05		323/I
447	304 ₁	05 12	SXR	19:20	2.0	x	x	06	1/5	327/II
	309	05 14	Ha	22:00	0.4	11313	NO5 W31	SF	---	327/II
			SXR	18:45E	5.0	/H	131	09	1+/3	323/I
448	309 ₁	05 18	Ha	14:16	1.4	11313	NO4 W16	1N	1-/5	327/II
			Ha	14:22	1.3	11313	NO5 W19	SF		323/I
			SXR	14:16	2.0	/J	131	W5		
	310	05 20	Ha	06:05	1.1	11313	NO4 W40	2N	1+/5	327/II
			Ha	06:03	3.1	11313	NO5 W41	2N	2peaks	323/I
			SXR	06:07	5.0	BP/J	131	X1		323/I
449	310 ₁	05 26	Ha	14:52	0.2	11338	N11 W31	SF	---	327/II
			SXR	14:00	2.0	/D	338	08		323/I
450	310 ₂	06 24	Ha	05:24	0.6	11382	S21 W03	1N	1-/3	328/II
			SXR	05:24	2.0	/D	348	06		324/1
451	310 ₃	06 24	Ha	21:06	1.1	11382	S21 W06	SF	1-/3	328/II
			SXR	21:30	3.0	/D	348	08		324/1
452	310 ₄	06 25	Ha	14:43	0.6	11382	S19 W17	SF	---	328/II
			SXR	13:00	3.0	/D	348	06		324/1
453	313 ₁	06 26	Ha	21:31E	0.1D	11402	S08 W78	SF	---	328/II
			SXR	22:00	2.0	BP/D	229	06		324/1
454	314 ₁	07 04	Ha	03:50	0.3	11402	S15 W07	SF	1-/1	329/II
			SXR	03:40	2.0	/E	229	05		325/1
455	314 ₂	07 05	Ha	12:26	0.6	11402	S14 W28	SF	---	329/II
			SXR	12:10	2.0	/D	229	05		325/1
456	315 ₁	07 06	Ha	00:58	0.3	11402	S12 W39	SF	---	329/II
			SXR	00:58	3.0	/D	229	05		325/1
457	315 ₂	07 06	Ha	16:16	0.3	11415	S07 W65	SF	---	329/II
			SXR	16:18	3.0	BP/B	126	05		325/1
458	316 ₁	07 07	Ha	14:59	0.4	11402	S14 W55	SF	1-/5	329/II
			Ha	15:46	0.6	11402	S14 W56	1B	1 / 5	325/1
			SXR	14:59	2.0	/C	229	08		
459	318 ₁	07 10	Ha	04:20	0.8	11402	S13 W90	1B	1/5	329/II
			SXR	04:20	1.5	/x	229	W1		325/1
	320	07 11	Ha	01:10	0.7	11402	S10 W90	1B	2+/3	329/II
			SXR	01:06	2.0	/x	229	W3		325/1

Table 1 continued

1971

460	320 ₁	07 15	Ha	10:00	0.2	11423	N15 E12	SF	---	329/II
			SXR	10:00	4.0	/C	059	C3		325/I
461	320 ₂	07 24	Ha	00:13	0.3	11425	N10 W67	SN	1-/1	329/II
			Ha	00:22	0.9	11433	N13 W34	SN		325/I
			SXA	00:13	2.0	J, A	029,011	C3		
462	324 ₁	07 30	Ha	14:51	0.6	11447	N09 E35	SN	---	329/II
			SXR	14:51	2.0	/B	190	C5		325/I
463	324 ₂	07 31	Ha	15:16	0.5	11452	S27 E60	SN	---	329/II
			SXR	15:16	2.0	/B	158	M1		325/I
464	324 ₃	08 04	Ha	19:12	0.3	11457	S10 E70	SN	1-/1	330/II
			SXR	19:12	2.0	/J	100	C6		326/I
465	324 ₄	08 05	Ha	08:43	0.3	11457	S12 E62	SN	---	330/II
			SXR	08:43	3.0	/J	100	C8		326/I
466	324 ₅	08 06	Ha	11:07	0.6	11455	S07 E06	2N	---	330/II
			SXR	11:07	2.0	/A	137	C8		326/I
467	324 ₆	08 09	Ha	18:19	0.6	11457	S13 E05	SN	1-/1	330/II
			SXR	18:19	2.0	/J	100	M1		326/I
468	324 ₇	08 11	Ha	05:15	0.6	11457	S13 W16	SN	---	330/II
			SXR	05:15	2.0	/J	100	C4		326/I
469	326 ₁	08 19	Ha	05:45	1.1	11482	S10 E58	SN	1-/1	330/II
			SXR	05:45	3.0	/E	269	C6		326/I
470	327 ₁	08 29	Ha	00:32	0.5	11482	S07 W80	SN	---	330/II
			SXR	00:32	2.0	/F	269	C5		326/I
471	349 ₁	10 21	Ha	19:47	0.2	11565	N07 E00	SF	---	332/II
			SXR	19:47	2.0	/E	210	C5		328/I
472	349 ₂	10 22	Ha	08:41	0.3	11565	N06 W13	SN	1/3	332/II
			SXR	08:41	2.0	/E	210	C5		328/I
473	349 ₃	10 27	Ha	14:10	0.1	11569	N19 W57	SN	---	332/II
			SXR	14:10	2.5	/D	187	C6		328/I
474	350 ₁	10 28	Ha	05:27	0.2	11569	N15 W62	SN	---	332/II
			SXR	05:00	4.0	/D	187	C5		328/I
475	350 ₂	10 28	Ha	11:05	0.3	11575	S05 W14	SF	---	332/II
			SXR	10:00	4.0	/E	126	M1		328/I
476	350 ₃	10 28	SXR	21:20	3.0	x	x	C8	---	332/II
477	350 ₄	10 29	Ha	01:18	0.2	11575	S03 W20	SF	---	332/II
			SXR	01:18	4.0	/A	126	C9		328/I
478	350 ₅	10 31	Ha	21:00	0.2	11579	S11 W11	SF	---	332/II

Table 1 continued

1971											
478	350 ₅	10	31	SXR	21:00	2.0	A + B	C85+C90	C6		320/I
479	359 ₁	12	02	Ha	14:04	0.7	11619	S16 W71	1H	1-/3	334/II
				SXR	14:04	2.0	/D	C90	M1		330/I
480	361 ₁	12	05	Ha	08:30	0.5	11630	SC4 B22	SF	---	334/II
				SXR	07:20	3.0	/D	322	C5		330/I
481	361 ₂	12	10	Ha	01:00	0.4	11630	SC4 W40	SH	1-/5	334/II
				SXR	01:00	2.0	/D	322	M2		330/I
482	361 ₃	12	10	SXR	03:20	2.0	x	x	C5	---	334/II
483	361 ₄	12	10	Ha	11:49	0.5	11644	EC9 B32	SH	1/3	334/II
				SXR	11:49	3.0	/D	242	M1		330/I
484	361 ₅	12	11	Ha	04:33	0.7	11644	NC9 B24	SH	1/3	334/II
				Ha	06:27	0.5	11644	NC8 B23	SB	1-/3	330/I
				Ha	08:28	0.7	11644	NC9 B21	SH	1+/5	
				SXR	04:33	4.0	/D	242	L2		
485	361 ₆	12	11	Ha	11:34	0.7	11644	NC9 B20	1H	2/5	334/II
				SXR	11:34	2.5	/D	242	C9		330/I
486	361 ₇	12	11	Ha	16:59	0.8	11644	NC8 B16	1H	1-/5	334/II
				SXR	16:59	2.0	/D	242	C6		330/I
				Ha	17:44	0.3	11644	NC9 B18	SF	1-/5	
487	361 ₈	12	14	Ha	05:57	0.6	11647	NC9 B35	SF	---	334/II
				SXR	05:57	3.0	/D	195	C8		330/I
488	361 ₉	12	14	Ha	09:11	0.7	11644	NC8 W19	SH	1+/3	334/II
				SXR	09:11	2.0	/D	242	M5		330/I
489	361 ₁₀	12	14	Ha	18:11	0.4	11644	NC8 W28	SF	---	334/II
				Ha	19:00	1.0	11644	NC8 W27	1H	1-/5	330/I
				SXR	18:11	3.0	/D	242	M2		
490	361 ₁₁	12	15	Ha	03:38	0.4	11644	NC8 W30	SB	1-/3	334/II
				SXR	03:38	2.0	/C	242	M1		330/I
491	361 ₁₂	12	20	Ha	10:58	0.8	11656	SC9 B40	1H	---	334/II
				SXR	10:58	3.0	/H	116 C95	C9		330/I
492	361 ₁₃	12	21	Ha	17:20	0.3	11656	S11 B13	SH	---	334/II
				SXR	17:20	4.0	/D	116 C95	C7		330/I
493	361 ₁₄	12	23	Ha	15:23	0.6	11657	S15 B07	SH	---	334/II
				SXR	15:23	2.0	/D	C95	C5		330/I
494	361 ₁₅	12	24	Ha	00:46	0.1	11656	S15 W10	SH	---	334/II
			23	SXR	20:20	4.0	/D	C95	M2		330/I
495	363 ₁	12	30	Ha	11:25	0.5	11666	SC9 B10	SF	---	334/II
				SXR	11:25	2.5	/C	C01	C5		330/I

Table 1 continued

1972										
496	363 ₂	01 09	Ha	18:32	1.1	11687	SC9 B47	SP	---	335/II
			SXR	18:32	3.0	/B	195	05		331/I
497	363 ₃	01 10	Ha	02:05	0.9	11687	S11 B47	SP	---	335/II
			SXR	02:05	2.0	/D	195	02		331/I
498	363 ₄	01 11	Ha	18:44	0.1	11687	SC5 B13	SP	---	335/II
			SXR	18:44	4.0	/D	195	05		331/I
499	363 ₅	01 12	SXR	04:29	2.0	x	x	08	2-7/3	335/II
500	367 ₁	01 16	Ha	19:00	0.4	11693	S13 B26	SP	1/5	335/II
			SXR	19:00	2.0	/D	094	01		331/I
501	368 ₁	01 19	Ha	16:39	0.6	11693	S16 B10	18	2-7/5	335/II
			SXR	16:39	2.0	/D	094	00		331/I
502	393 ₁	03 04	Ha	09:46	0.4	11769	SC9 B52	11	1/3	337/II
			SXR	09:30	3.0	BP/F	191	04		335/I
	394	03 11	Ha	00:20	0.1	11769	S11 B32	SP	1-7/1	337/II
			SXR	00:31	0.0	BP/F	191	01		335/I
503	429 ₁	07 16	Ha	01:13	0.3	11958	S10 B43	10	---	341/II
			SXR	01:13	6.0	/D	227	09		337/I
504	429 ₂	07 21	Ha	20:53	0.8	11958	M8 B50	03	1-7/3	341/II
			SXR	20:53	2.0	/A	244	03		337/I
505	455 ₁	10 30	Ha	07:35	0.8	12094	SC5 B04	10	1/5	344/II
			SXR	07:35	2.0	/D	315	01		340/I
506	455 ₂	10 30	Ha	14:46	0.6	12094	S11 B09	SP	1-7/5	344/II
			SXR	14:46	2.0	/D	315	01		340/I
507	455 ₃	10 30	Ha	16:46	0.5	12094	S11 B10	SP	2/5	344/II
			SXR	16:46	2.0	/D	315	05		340/I
1973										
508	490 ₁	04 10	Ha	12:23	0.4	12306	SC3 B05	01	3-7/5	350/II
			SXR	12:23	2.5	/D	341	02		346/I
			He	12:00	1.4	12306	SC5 B05	SP		
509	490 ₂	04 10	Ha	19:05	0.5	12306	SC6 B10	01	2-7/5	350/II
			SXR	19:05	2.0	/D	341	06		346/I
510	490 ₃	04 11	Ha	14:01	0.5	12306	S10 B09	10	2/5	350/II
			SXR	14:01	2.0	/D	341	05		346/I
511	490 ₄	04 11	Ha	18:38	3.3	12306	SC9 B10	10	2/5	350/II
			SXR	18:38	2.0	/D	341	01		346/I

Table 1 continued

1973										
512	490 ₅	04 11	Ha	21:49	1.6	12306	SC9 W14	SP	1-/5	350/II
			SXR	21:49	3.0	/D	341	M1		346/I
513	529 ₁	08 11	SXR	12:00	4.0	12472			06	354/II
514	529 ₂	08 13	Ha	19:37					1N	354/II
			Ha	21:43					1N	350/I
			SXR	20:00	5.0				02	
1974										
515	564 ₁	05 01	Ha	10:02	0.4	12900	S11 B76	2B	2/5	363/II
516	564 ₂	05 01	Ha	12:25	0.1	12906	SC9 B75	SB	1-/5	359/I
517	564 ₃	05 02	Ha	11:05					1-/5	359/I
518	564 ₄	05 03	Ha	02:21	0.6	12906	SC9 B51	SB	1-/5	363/II
519	564 ₅	05 03	Ha	19:25	0.3	12906	SC7 B46	SB	1-/5	359/I
520	564 ₆	05 07	Ha	05:21	0.5	12906	S17 B14	1P	1/5	363/II
521	564 ₇	05 08	Ha	00:11	1.6	12906	S16 B03	1N	2-/5	359/I
522	564 ₈	05 12	Ha	21:40	1.0	12906	S17 B63	1N	1-/5	363/II
523	564 ₉	05 13	Ha	11:18	2.2	12915	S13 B06	2N	1-/5	359/I
524	564 ₁₀	05 27	Ha	17:28	0.5	12972	S13 B81	SN	1-/5	363/II
525	564 ₁₁	05 30	Ha	14:43	0.5	12977	S17 B87	SP	1-/5	359/I
526	564 ₁₂	05 30	Ha	16:06	0.2	12977	S10 B80	SP	1-/5	363/II
527	564 ₁₃	05 31	Ha	11:33	1.2	12977	S13 B76	1P	1+/5	359/I
528	564 ₁₄	06 01	Ha	15:40	0.2	12977	S12 B56	SN	1-/5	364/II
529	564 ₁₅	06 02	Ha	04:20	0.3	12977	S13 B48	1N	2-/5	360/I
530	564 ₁₆	06 04	Ha	00:08	0.8	12972	S14 B13	1B	2-/5	364/II
531	564 ₁₇	06 06	Ha	15:35	0.5	12972	S14 B40	1B	1/5	360/I
532	564 ₁₈	06 14	Ha	14:19	0.7	12993	RC6 WC9	1B	1-/5	364/II
533	564 ₁₉	06 19	Ha	22:00	0.9	13002	S12 WC8	SN	---	360/I
534	564 ₂₀	06 21	Ha	18:05	2.5	13002	S21 B27	SP	1-/1	354/II
535	564 ₂₁	06 23	Ha	05:13	2.0	13002	S15 B50	2B	1+/5	360/I
536	564 ₂₂	06 29	Ha	14:57	0.5	13043	S13 B56	SB	1/5	364/II
537	564 ₂₃	06 30	Ha	07:03	0.6	13043	S13 B44	1N	2/5	360/I
538	564 ₂₄	06 30	Ha	22:23	0.8	13043	S12 B45	SB	2/5	364/II

Table 2

Long decay Soft X-ray flares in the 21st cycle - Supplement
(June 1976 - June 1987)

No	Suppl No	Date (mo-day)	Event	Start U T	Dur hour	Group No	Position	Imp	SID	SGD
1978										
01	058 ₁	02 25	Ha	14:49	0.4	15161	N19 W21	1B	2/5	408/II
			SXR	14:49	2.0	2 x B	221	M4		403/I
02	099 ₁	05 30	Ha	14:58	0.2	15314	N21 W22	SF		411/II
			SXR	15:16	2.0		075	M1		406/I
03	111 ₁	07 11	Ha	05:55	0.7	15403	N16 E48	2B	2/5	413/II
			SXR	05:55	2.0	D	169			409/I
04	122 ₁	09 04	Ha	06:00	1.0	x	S31 E15	1B	1-/1	415/II
			SXR	06:00	2.0			C9		411/I
05	127 ₁	09 21	Ha	04:16	0.9	15546	N23 E40	1B	1/3	415/II
			SXR	04:10	2.0			X1		411/I
06	141 ₁	10 13	Ha	12:33	1.3	15587	S18 W01	2B	1-/5	416/II
			SXR	12:33	3.0			C9		412/I
07	148 ₁	10 17	Ha	21:42	x	15598	N32 E47	1B	---	416/II
			SXR	21:42	0.5			C2		412/I
08	148 ₂	10 18	Ha	00:00	0.8	15587	S19 W55	SB	---	416/II
			SXR	00:00	0.5			M1		412/I
1979										
09	184 ₁	02 18	Ha	06:37	0.7	15830	N16 E39	3B	2/5	416/I
			SXR	06:39	3.0	BY	147	M9		422/II
10	184 ₂	02 18	Ha	16:15	0.7	15830	N15 E19	1B	2/5	416/I
			SXR	16:38	3.5	BY	147	X1		422/II
11	184 ₃	02 19	Ha	17:55	1.2	15830	N16 E02	2B	2/5	416/I
			SXR	17:55	2.0	BY	147	M9		422/II
12	184 ₄	02 20	Ha	13:49	1.3	15823	N19 W40	SB	2/5	416/I
			SXR	13:49	2.0			M5		422/II
13	184 ₅	02 21	Ha	09:31	0.5	15830	N16 W30	SN	1+/5	416/I
			SXR	09:31	2.0	BY	147	C9		422/II

Table 2 continued

1979										
14	184 ₆	02 21	Ha	14:14	0.5	15830	N17 W28	SB	1+/5	416/I
			SXR	14:14	2.0	BP	150	C9		422/II
15	222 ₁	04 03	Ha	04:17	0.4	15918	S23 W04	1B	1+/3	430/II
			SXR	04:17	2.0	D	314	M4		422/II
16	287 ₁	08 21	Ha	06:13	1.1	16218	N17 W40	2B	1-/5	436/II
			SXR	06:13	2.0			C6		426/II
17	296 ₁	09 08	Ha	06:44	0.5	16271	S22 W86	1N	2/5	439/II
			SXR	06:44	1.5			M1		427/II
1983										
18	903 ₁	06 02	Ha	14:53	1.2	4201	S12 W37	SB	---	491/II
			SXR	14:53	4.0			C2.0		488/II
19	903 ₂	06 04	Ha	02:07	1.0	4201	S10 W09	1B	2/3	491/II
			SXR	02:07	3.5			M1.5		488/II
20	903 ₃	06 06	Ha	13:29	1.9	4201	S11 W15	1B	2+/5	491/II
			SXR	13:29	4.0	D		X1.4		488/II
21	903 ₄	06 07	Ha	14:11	0.5	4201	SC9 W33	SN	---	491/II
			SXR	14:11	4.0	D		C6.7		488/II
22	903 ₅	06 08	Ha	00:37	2.5	4201	S10 W38	SN	1/3	491/II
			SXR	00:37	5.0	D		C8.6		488/II
23	903 ₆	06 08	Ha	11:15	1.2	4201	S12 W46	SN	1/3	491/II
			SXR	11:15	5.0			M1.3		488/II
24	903 ₇	06 10	Ha	12:59	1.0	4204	S10 E13	SN	1/3	491/II
			SXR	12:59	3.0			C3.6		488/II
25	903 ₈	06 29	Ha	23:42	0.5	4227	S11 E32	SN	1/3	491/II
			SXR	23:42	3.0			M1.2		488/II
26	903 ₉	07 01	Ha	13:32	1.1	4227	S10 E10	1B	1-/5	491/II
			SXR	13:32	2.0			M1.7		488/II
27	903 ₁₀	07 25	SXR	02:00	2.5	x	x	M1	1-/1	488/II
28	903 ₁₁	07 27	Ha	22:51	0.5	4263	SC8 E83	M1	2/3	408/II
			SXR	22:51	2.5			SF		491/II
29	903 ₁₂	08 01	Ha	02:46	1.5	4263	S10 E33	M8.5	3/3	492/II
			SXR	02:46	4.0			2N		488/II
30	903 ₁₃	08 08	Ha	03:10	0.5	4278	S07 E76	1N	3/3	492/II
			SXR	03:10	4.0			M3.0		488/II
31	903 ₁₄	09 12	Ha	16:11	2.1	4307	S11 W30	2N	1+/3	492/II
			SXR	16:11	4.0			M1		488/II

Table 2 continued

1986										
32	1029 ₁	05 03	Ha	09:54	x	x	x	x	2/3	507/II
			SXR	09:54	1.0			02.1		503/I
33	1029 ₂	05 04	Ha	09:39	---	4727	N08 W75	---		503/I
			SXR	09:39	1.0	B-DRO	070	M1.2		507/II
34	1029 ₃	06 13	SXR	23:50	2.0	---	---	C1		508/II
35	1029 ₄	07 11	Ha	04:50	1.3	4736	N06 W55	SN	1/3	509/II
			SXR	04:50	1.5	B-DSO	210	C3.4		505/I
36	1029 ₅	07 13	Ha	03:46	0.2	4736	N08 W68	SF	1-/1	509/II
			SXR	03:52	1.0	A-HS	210	C2.4		505/I
37	1029 ₆	10 14	SXR	21:54	1.0	4747	N35 W90 100	C3.3	---	512/II
38	1029 ₇	10 17	SXR	03:43	1.5	x	x	C3.7	2/1	512/II
39	1029 ₈	10 19	Ha	00:15	1.5	4750	N23 E62	2N	3/1	508/I
			SXR	00:15	2.0	BP-EKI	210	M4.7		512/II
40	1029 ₉	10 31	SXR	20:59	1.0	x	x	C1.8	---	512/II
41	1029 ₁₀	11 01	Ha	07:58	0.9	4754	N00 E17	1N	1-/3	513/II
			SXR	07:58	1.5	AP-HK	090	C3.1		509/I
42	1029 ₁₁	11 13	SXR	16:56	1.0	4757	N22 E90	C4.1	1-/1	513/II
43	1029 ₁₂	11 20	Ha	08:54	1.1	4757	N24 E05	1F	---	513/II
			SXR	08:58	1.0	AP-AX	220	C1.6		509/I
44	1029 ₁₃	12 09	SXR	08:35	1.5	----	---	C1.3		514/II
1987										
45	1029 ₁₄	01 26	Ha	15:01	0.6	4765	S26 W65	SN	---	515/II
			SXR	15:01	1.0	B-BX0	120	C1.4		
46	1029 ₁₅	02 28	Ha	07:00	0.8	4773	N39 E42	1N	1/5	516/II
			SXR	07:00	1.5	AP-HS	300	C3.0		512/I
47	1029 ₁₆	03 13	Ha	21:25	0.4	4779	S35 E90	1B	1-/1	517/II
			SXR	21:25	4.0	--	060	C5.5		513/I
48	1029 ₁₇	03 20	Ha	10:37	1.3	4779	S34 E18	SN	---	517/II
			SXR	10:43	2.0	A-AX	060	B5.6		513/I
49	1029 ₁₈	04 15	Ha	11:34	1.7	4787	S32 W35	SN	1/3	518/II
			SXR	11:34	2.0	BP	CA0	C3.5		514/I
50	1029 ₁₉	04 16	Ha	15:45	1.0	4787	S31 W51	1B	2/5	518/II
			Ha	15:44	2.3	4790	S32 W44	1B		514/I
			SXR	15:44	2.5	BP	BX0	M1		
51	1029 ₂₀	04 21	SXR	18:24	2.5	4797	AP - HS	C1.4	---	518/II

Table 2 continued

1987

52	1050	05 24	Ha	12:09	0.2D	K26 W37	4811	SF		519/II
			Ha	12:29	0.8D	4811	N24 W41	SH	1+/3	515/I
			SXR	12:10	3.0	D-EKC	330	C2		
53	1051	05 26	Ha	19:41	0.5	N28 W70	4811	1N	---	519/II
			SXR	19:41	2.0	D-EKI	330	C8.1		515/I
54	1052	05 26	Ha	23:56	0.1	4811	N28 W71	1N	---	519/II
			Ha	01:32	0.2	4811	N28 W71	SF		515/I
		SXR	23:56	3.0	D-EKI	330	C2.9			
55	1053	05 28	SXR	09:49	2.0	4811	330	C1.9	---	519/II
56	1054	05 29	SXR	01:38	3.0	4811	330	C1.7	1-/1	519/II
57	1055	05 29	SXR	22:00	4.0	4811	330	C1	---	519/II
58	1056	06 11	SXR	01:40	2.0	--	N47 E90	C3.9	1-/1	520/II

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