

PROMINENCE (Jan. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	5h45m	1	5	1	1	8	
2		-	-	-	-	-	
3	3:23	2	3	6	6	17	
4	0:04	4	4	3	6	17	
5	4:27	2	4	2	4	12	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	2:24	2	2	5	4	13	
9	2:33	4	2	3	2	11	
10		-	-	-	-	-	
11	2:25	4	4	3	6	17	
12	4:55	2	5	2	2	11	
13	2:48	0	3	4	1	8	*
14		-	-	-	-	-	
15	1:06	4	2	4	0	10	
16		-	-	-	-	-	
17	2:39	7	2	1	2	12	
18	1:06	3	5	3	2	13	*
19		-	-	-	-	-	
20	4:32	5	5	8	3	21	
21	2:48	4	1	5	3	13	*
22	2:37	3	4	2	1	10	
23	6:53	3	2	2	2	9	
24	1:04	3	7	7	2	19	
25	1:40	4	6	5	5	20	
26	3:14	1	3	2	4	10	
27	2:25	1	2	1	4	8	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	3:13	2	5	5	7	19	
31		-	-	-	-	-	
Sum		61	76	74	67		
		137		141		278	
Mean			6.52		6.71	13.24	

Days 21 * - Contrast is bad

8cm Prominencescope
H-alpha 6563A (H.W 4.0A)

PRINCIPAL PROMINENCE (Jan. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
3	3h23m	5	N 2-11W	5.6
3	3:23	5	S40-42E	5.0
3	3:23	4	S 14 W	6.4
3	3:23	4	S 0- 1W	5.6
4	0:04	1	N 0- 8W	6.3
4	0:04	2	S11-14W	6.5
5	4:27	5	N 4- 6E	6.3
8	2:24	6	S 6-10E	7.0
8	2:24	4	S53-54W	7.4
9	2:33	1	S 7-10E	6.5
15	1:06	2	N27-37E	7.5
20	4:32	6	N41-43W	5.6
21	2:48	6	N37-44W	7.3
22	2:37	4	N 43 W	5.1
22	2:37	4	N 40 W	5.6
22	2:37	5	S+2- 7W	6.0
23	6:53	6	N31-37E	5.7
23	6:53	5	S+3- 8W	5.6
24	1:04	2	N34-36E	7.4
24	1:04	5	S+3- 9W	5.1
25	1:40	6	N41-45E	5.1
25	1:40	4	N 49 E	7.2
25	1:40	5	S43-51W	6.5
25	1:40	6	S24-34W	10.2
26	3:14	6	S49-51W	6.6
26	3:14	6	S32-40W	11.1
26	3:14	6	S28-30W	10.5
26	4:13	2	N29-33W	13.5
27	2:25	6	S50-54W	7.4
27	2:25	6	S32-40W	11.2
28	1:43	2	N 2- 4W	5.6
28	1:43	5	S67-69W	5.1
28	1:43	6	S54-58W	6.5
28	1:43	6	S34-42W	11.1
30	3:13	6	N 7-10W	5.6
30	3:13	6	S 1- 2W	6.0

SOLAR FLARES (H-alpha Patrol, H.W 0.7A)

Date	Time	Max..	Jan. 1990		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
9	6h59m - 7h11m	7h02m	S13-14	W 8-11	1n	S5097 D
21	2:43 - 3:10	2:50	S10-12	E18-24	1n	S5090 F
21	4:28 - 5:40	4:49	S10-13	E18-28	2b	S5090 F
22	2:57 - 3:10	3:02	S10-11	E77-80	Sb	S5095 F
22	5:20 - 5:30	5:23	S29-30	E25-26	Sn	S5092 E
22	5:41 - 6:09	5:54	S10-12	E 6-15	1b	S5090 F

PROMINENCE (Feb. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	-
2	2h47m	3	3	6	5	17	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	6:35	3	5	4	2	14	
6	4:12	5	3	2	0	10	
7	2:10	6	5	1	3	15	
8	2:16	4	1	5	3	13	
9	3:13	3	3	8	2	16	
10	1:27	4	1	3	2	10	
11		-	-	-	-	-	
12	- 04	5	0	4	4	13	
13	2:23	1	0	3	3	7	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:39	8	6	1	4	19	
18	1:49	2	2	7	4	15	
19		-	-	-	-	-	
20	6:35	5	2	4	3	14	
21	2:29	6	3	4	4	17	
22	2:32	2	3	3	3	11	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28	1:49	3	3	3	5	14	
Sum		60	40	58	47		
		100		105		205	
Mean		6.67		7.00		13.67	

Days 15

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Feb. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
5	6h35m	2	N36-39E	7.9
5	6:35	5	S 1- 7E	7.4
6	4:12	2	N42-45E	8.0
6	4:12	5	S+2- 5E	5.8
7	2:10	2	N46-49E	7.4
17	3:39	2	N34-36W	8.4
17	3:39	5	S31-34E	5.9
17	3:39	2	S55-58W	8.3
18	1:49	5	N59-67E	5.5
18	1:49	5	N33-41W	5.7
18	1:49	4	S12-13E	6.5
18	1:49	2	S32-34E	8.4
18	1:49	2	S56-61W	10.0
28	1:49	5	S13-16E	6.0

SOLAR FLARES (H-alpha Patrol, H.W 0.7A)

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
2	3h53m - 3h58m	3h56m	S 9-10	W61-62	Sf	S5095 G
8	4:11 - 4:20	4:13	S 23	W 53	Sn	S5108 A
13	0:43 - 1:09	0:47	N17-19	E 7-10	1n	N5649 D
13	5:29 - 6:19	5:38	N 18	E 7	Sf	N5649 D
28	2:34 - 2:43	2:39	S18-20	W22-24	Sn	S5114 E

PROMINENCE (Mar. 1990)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4	2h16m	2	2	1	6	11	
5	3:10	5	5	5	5	20	
6	0:21	6	5	3	2	16	
7		-	-	-	-	-	
8	3:30	3	5	2	1	11	
9	2:40	1	4	0	2	7	
10	1:00	4	5	1	1	11	
11	1:08	5	1	1	3	10	
12	5:29	4	3	2	3	12	
13	1:16	3	4	3	1	11	
14	1:48	3	2	2	2	9	*
15		-	-	-	-	-	
16	2:53	5	5	2	4	16	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	0:58	3	3	4	3	13	
21	1:10	2	3	4	6	15	
22	4:16	4	3	2	4	13	
23	0:32	3	3	0	2	8	
24		-	-	-	-	-	
25	3:02	1	5	1	2	9	
26	0:44	3	1	2	1	7	
27	1:48	3	2	2	1	8	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	1:49	3	4	1	4	12	
31		-	-	-	-	-	
Sum		63	65	38	53		
		128		91		219	
Mean		6.74		4.79		11.53	

Days 19 * - Contrast is bad

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Mar. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
4	2h16	5	N34-43E	5.6
4	2:16	3	S 17 W	7.4
4	2:16	3	S 13 W	6.5
5	3:10	5	N38-44E	5.6
6	0:21	5	N41-46E	5.6
6	0:21	5	S60-66W	5.1
8	3:30	5	N56-65E	6.2
9	2:40	5	N56-65E	6.0
20	0:58	5	S39-47W	5.6
20	0:58	5	S29-34W	6.5
20	0:58	5	S+4-23W	7.3
21	1:10	2	S34-36W	6.5
21	1:10	4	S41-42W	5.5
22	4:16	2	S47-49W	7.5
22	4:16	2	S39-41W	8.4
25	3:02	5	N37-57W	8.4
26	0:44	5	N37-55W	6.5
27	1:48	5	N44-55W	5.8

SOLAR FLARES (H-alpha Patrol, H.W 0.7A)

Date	Time		Max.	Helio. Position		Imp.	Group NO. and Type
	U. T.			Latitude	Mer. Dist.		
4	2h12m - 2h27m	2h16m	S 20	W 11	Sn	S5122 J	
6	1:23 - 1:53	1:28	S15-16	W 8-11	1f	S5124 B	
6	4:38 - 5:06	4:48	S14-17	W 8-12	1n	S5124 B	
6	6:38 - 7:00	6:46	N11-13	E62-65	1n	N5664 A	
6	7:30 - 7:40	7:34	S10-12	E34-36	Sn	S5123 D	
8	2:57 - 3:19	3:02	S 8-11	E 0- 3	1b	S5123 D	
9	7:02 - 7:53	7:07	S 9-12	W 6- 9	1b	S5123 D	
12	4:50 - 5:01	4:56	N30-32	E47-49	Sn	N5666 D	
13	2:15 - 2:25	2:21	N30-32	E39-42	1n	N5666 D	
13	6:48 - 7:46	7:16	N28-32	E34-40	1n	N5666 D	
14	1:06 - 1:18	1:08	S 39	E 82	Sn	S5127 C	
14	3:52 - 5:50	4:23	N21-24	E26-30	1n	N5666 D	
16	2:48 - 3:00	2:52	N30-32	W 2- 5	1f	N5666 D	
19	4:43 - 6:15	4:59	N30-35	W34-44	2b	N5666 C	
21	2:28 - 4:22	3:00	S31-33	W 4- 8	1n	S5127 F	
21	2:55 - 3:17	3:02	S 14	E 34	Sn	S5132 C	
21	4:47 - 4:49	4:48	S 34	W 2	Sb	S5127 F	
22	4:09 - 4:27	4:20	S32-34	W25-27	Sb	S5134 E	
25	4:16 - 5:08	4:26	S12-13	W15-19	1n	S5132 E	
26	0:47 - 1:11	0:55	S 37	W 63	Sn	S5127 E	
26	1:55 - 2:05	1:58	S 4- 5	W 9-10	Sn	S5136 G	
26	2:10 - 2:27	2:14	S 7- 9	E 2- 4	1n	S5136 G	
26	3:36 - 3:59	3:41	S12-14	W24-28	1b	S5132 E	
26	4:44 - 6:28	5:08	S11-12	W29-37	1n	S5132 E	
26	5:05 - 5:16	5:09	S 4	W 9	Sb	S5136 G	
26	6:11 - 6:31	6:14	S 7- 9	E 2- 4	1f	S5136 G	
27	4:14 - 4:25	4:17	S34-37	W75-80	1b	S5127 D	

PROMINENCE (Apr. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h20m	2	4	7	2	15	
2	3:11	7	2	3	2	14	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	6:15	6	5	2	3	16	
6	3:45	5	3	1	1	10	
7		-	-	-	-	-	
8	6:50	5	4	5	1	15	
9	2:12	4	4	3	2	13	
10		-	-	-	-	-	
11	2:15	4	5	1	2	12	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	3:46	3	7	0	1	11	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	2:58	1	4	3	4	12	
19	2:16	5	5	4	4	18	
20	3:00	2	5	5	2	14	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	5:35	3	4	2	4	13	
24	3:07	2	7	4	1	14	
25	3:06	1	4	2	2	9	
26		-	-	-	-	-	
27	3:02	1	5	1	2	9	
28	3:00	2	5	1	4	12	
29		-	-	-	-	-	
30	3:05	2	3	2	4	11	
Sum		55	76	46	41		
		131		87		218	
Mean			7.71		5.12	12.82	

Days 17

8cm ProminenceScope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Apr. 1990)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
1	3h20m	5	N32-40E	6.6
2	3:11	5	N35-43E	5.8
2	3:11	2	N33-40W	8.4
5	6:15	2	N44-46W	6.3
8	6:50	6	S 9-12E	7.1
9	2:12	5	N44-49E	5.6
9	2:12	5	N53-58E	5.9
11	2:15	5	N47-55E	6.0
15	3:46	5	N40-50W	5.7
15	3:46	5	S44-48W	5.6
18	2:58	5	N40-51W	7.4
20	3:00	2	N20-22E	5.7
20	3:00	2	S36-38E	6.1
23	5:35	2	N42-49W	15.6
23	5:35	5	S10-14W	5.6
24	3:07	2	N39-46W	20.4
27	3:02	4	S47-48W	8.4
28	3:00	2	N29-31W	5.6

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
2	22h48m - 22h56m	22h52m	N20-22	E31-33	Sn	N5687 E
5	0:57 - 1:08	1:02	N20-22	E 3- 7	1n	N5687 E
12	5:48 - 6:00	5:51	N 24	W 18	Sn	----
14	3:47 - 4:05	3:51	S30-33	E39-42	1b	S5156 D
15	(3:02) - 3:59	3:05	N28-35	E46-60	3b	N5701 E
21	(7:14) - ---	7:24	S12-15	W13-20	1n	S5160 E
24	6:24 - 7:11	6:40	S13-15	W55-60	1n	S5160 D
26	0:49 - 0:56	0:53	N 23	W 90	Sf	N5706 D

PROMINENCE (May 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	2h22m	1	4	2	6	13	
2	4:49	3	2	3	6	14	
3	2:11	0	2	0	2	4	*
4		-	-	-	-	-	
5		-	-	-	-	-	
6	2:43	1	1	2	3	7	
7		-	-	-	-	-	
8		-	-	-	-	-	
9	1:27	2	3	2	3	10	
10	1:14	1	4	5	5	15	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	2:45	4	1	4	4	13	
16	3:17	3	1	3	4	11	
17	3:30	3	3	1	1	8	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	2:52	2	3	2	1	8	
23	3:09	1	3	3	4	11	
24	3:22	1	3	5	5	14	
25	3:43	1	4	7	2	14	
26	4:02	4	2	3	3	12	
27	1:49	3	3	2	3	11	
28		-	-	-	-	-	
29	1:58	2	3	1	2	8	
30		-	-	-	-	-	
31		-	-	-	-	-	
Sum		32	42	45	54		
		74		99		173	
Mean		4.63		6.19		10.81	

Days 16 * - Contrast is bad

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (May 1990)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
2	4h49m	5	S60-64W	5.1
9	1:27	2	N71-78E	5.5
9	1:27	5	N69-72W	5.6
9	1:27	1	S45-48E	5.7
10	1:14	2	N72-76E	5.5
10	1:14	6	N57-68W	12.1
10	1:14	4	S39-40E	6.4
15	2:45	5	S52-55W	6.0
16	3:17	5	N56-60E	5.1
16	3:17	5	S33-38W	5.0
25	3:43	2	N 0- 5E	6.5
25	3:43	5	S37-47W	5.4
26	4:02	2	S50-53E	8.5
27	1:49	5	S49-55E	6.6
27	1:49	5	S63-68E	6.5
29	1:58	6	N28-35W	7.5
29	1:58	4	S52-53E	5.1

SOLAR FLARES (H-alpha Patorol, H.W 0.6A)

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
8	(0h23m) - 0h58m	0h26m	S16-18	E65-71	1b	S5180 D
15	2:04 - 2:16	2:12	S15-18	E45-49	1f	S5182 E
15	2:56 - 3:10	2:58	N31-33	E42-44	Sf	N5729 H
16	0:43 - 1:55	1:09	N29-34	E17-23	1n	N5729 H
16	2:07 - 2:24	2:12	S17-18	E33-35	Sn	S5182 E
17	3:14 - 3:42	3:28	N29-32	E15-19	1n	N5729 H

PROMINENCE (June 1990)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3	6h30m	4	3	1	4	12	
4		-	-	-	-	-	
5		-	-	-	-	-	
6	4:20	2	3	4	7	16	
7	3:54	3	4	4	5	16	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11	3:21	5	3	4	2	14	
12	1:15	3	2	3	1	9	
13	2:04	2	4	2	4	12	
14	3:37	4	4	2	2	12	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:18	1	8	5	6	20	
18	1:42	3	5	4	4	16	
19	2:55	4	5	3	4	16	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	4:20	3	6	1	2	12	
23	4:29	4	4	4	6	18	
24		-	-	-	-	-	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28	5:30	3	6	0	1	10	
29	2:04	3	7	0	2	12	
30		-	-	-	-	-	
Sum		44	64	37	50		
		108		87		195	
Mean		7.71		6.21		13.93	

Days 14

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (June 1990)

Date	Time	Type	Latitude	Altitude
U. T.		1 - 6		(ten thousand Km)
3	6h30m	2	N 2- 4E	5.4
3	6:30	5	N75-78W	5.4
6	4:20	5	S51-54W	6.4
6	5:16	6 - 2	S40-56E	37.4
7	3:54	2	N69-71W	8.2
11	3:21	5	N70-77W	5.9
11	3:21	2	S71-73W	7.4
12	1:15	5	N28-33E	5.3
12	1:15	5	N74-81E	7.4
12	1:15	5	N71-79W	5.0
12	1:15	6	S27-30E	7.4
12	1:15	6	S46-47E	6.4
13	2:04	2	N79-81W	6.0
13	2:04	6	S25-32E	7.9
14	3:37	5	N77-86W	6.5
14	3:37	6	S 3- 4E	5.6
14	3:37	5	S62-66E	5.0
17	3:18	2	N-1- 2W	7.3
22	4:20	5	S36-42W	6.6
22	4:20	6	S+1- 2W	7.1
23	4:29	6	S35-38W	5.7
23	4:29	2	S 7-15W	5.8
28	5:30	5	N69-76E	5.6
28	5:30	5	N53-57W	5.1
28	5:30	5	N31-37W	5.6
29	2:04	5	N53-60W	5.7

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
8	1h37m - 1h47m	1h40m	N 7- 8	E43-46	1n	N5744 H
12	0:47 - 0:59	0:49	N26-28	E26-28	Sn	N5750 B
12	4:32 - 4:49	4:36	N 9-12	W29-31	1n	N5744 D
12	5:24 - 6:50	5:48	N 7-12	W29-32	1b	N5744 D
13	0:34 - 1:09	0:37	N 8-10	W42-45	1n	N5744 D
17	9:06 - 9:35	9:16	S 7-10	E25-28	1n	S5212 C
22	6:51 - 7:33	7:01	S32-34	W59-64	1n	S5211 C

PROMINENCE (Jul. 1990)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	2h49m	3	5	3	4	15	
6	2:40	4	3	2	1	10	
7		-	-	-	-	-	
8	2:46	0	5	1	1	7	
9	2:28	1	3	2	5	11	
10	1:41	4	4	3	6	17	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	2:19	2	5	2	3	12	
18	5:04	3	7	2	5	17	
19	0:59	2	8	1	6	17	
20	3:09	5	6	2	3	16	
21	3:00	4	3	2	3	12	
22		-	-	-	-	-	
23		-	-	-	-	-	
24	5:20	4	3	4	4	15	
25		-	-	-	-	-	
26		-	-	-	-	-	
27	0:05	2	6	3	1	12	*
28		-	-	-	-	-	
29		-	-	-	-	-	
30	2:50	2	4	6	2	14	
31	4:09	2	4	3	1	10	
Sum		38	66	36	45		
		104		81		185	
Mean		7.43		5.79		13.21	

Days 14 * - Contrast is bad

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Jul. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
9	2h28m	3	S12-14W	5.5
10	1:41	5	S64-66W	6.0
10	1:41	2	N 9-11W	5.5
17	2:19	4	N 19 W	6.3
18	5:04	4	N 1- 2E	5.5
18	5:04	5	S29-36W	5.1
19	0:59	6	N 4-12W	6.5
20	3:09	5	N34-44E	5.2
21	3:00	2	N19-22E	6.6
21	3:00	5	S+8-15W	5.7
24	5:20	2	N36-38E	6.5
27	0:05	5	N43-47W	6.7
30	2:50	2	S23-26E	9.5
30	2:50	5	S52-65E	7.5
30	2:50	5	S68-74E	5.8

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Jul. 1990

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
5	3h21m - 4h23m	3h47m	N13-19	E 0- 6	2f	N5765 C
6	(5:45)- 6:54	6:03	N13-19	W 7-12	2n	N5765 C
6	6:40 - 6:55	6:44	N20-21	E 9-10	Sn	N5766 D
8	0:45 - 0:57	0:47	S20-22	W60-67	1n	S5223 E
9	23:38 - 23:58	23:38	N20-21	W47-49	Sn	N5766 G
11	0:19 - 0:28	0:22	N 17	W 85	Sf	N5765 J
25	22:04 - 23:44	23:07	N10-12	E39-43	1n	N5783 B
25	23:11 - 24:37	23:44	S10-16	E50-55	2n	S5248 C
26	23:57 - 24:16	24:05	N11-13	W18-21	1b	N5776 F
30	7:07 - ---	7:32	N12-20	E35-44	2n	N5784 G

PROMINENCE (Aug. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h53m	1	6	5	3	15	
2	3:59	2	4	2	2	10	
3	4:08	2	5	3	3	13	
4	4:36	1	1	6	5	13	
5	-1:01	2	3	2	6	13	
6	2:55	0	4	2	6	12	
7	3:55	1	2	1	4	8	
8	4:08	1	2	1	4	8	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	4:21	2	4	2	4	12	*
13		-	-	-	-	-	
14	6:06	3	7	5	8	23	
15	1:06	2	6	4	5	17	
16	7:11	1	3	1	3	8	
17		-	-	-	-	-	
18		-	-	-	-	-	
19	6:21	4	5	4	3	16	
20	4:12	3	2	3	3	11	
21	3:47	3	5	2	1	11	
22		-	-	-	-	-	
23		-	-	-	-	-	
24	1:54	3	6	5	3	17	
25	3:23	2	5	5	4	16	
26	2:13	2	6	5	5	18	
27	2:01	1	3	4	7	15	
28	1:22	2	4	4	5	15	
29	2:52	1	6	2	3	12	
30	3:54	2	3	4	8	17	
31	0:00	1	4	4	6	15	
Sum		42	96	76	101		
			138		177	315	
Mean			6.00		7.70	13.70	

Days 23 * - Contrast is bad

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Aug. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	3h53m	6	S19-20E	7.6
2	3:59	4	S21-22E	5.0
5	-1:01	2	S59-61W	5.6
6	2:55	5	N40-48W	6.8
7	3:55	2	N40-44W	9.6
7	3:55	1	S25-28W	5.6
8	4:08	2	N42-47W	10.2
8	4:08	5	S50-54E	5.1
12	4:21	6	N58-61W	5.6
12	4:21	5	S61-64E	5.4
12	4:21	5	S59-62W	5.5
12	4:21	2	S42-44W	8.3
14	6:06	6	N37-40W	5.7
14	6:06	5	S53-57E	5.6
14	6:06	6	S15-19W	9.0
15	1:06	2	S51-53E	6.6
15	1:06	2	S54-56E	8.4
15	1:06	6	S12-19W	9.4
16	7:11	5	S 9-17W	7.3
20	4:12	5	S60-63E	5.6
21	3:47	5	S61-65E	5.7
24	1:54	5	N70-73W	6.5
24	1:54	5	S67-73E	6.4
24	1:54	6	S17-19W	5.6
25	3:23	4	S50-51W	5.4
29	2:52	5	N55-58W	6.5
30	3:54	5	N55-61W	7.4
30	3:54	3	S17-22W	6.6
31	0:00	5	S58-61W	5.6

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
2	5h46m - 6h00m	5h50m	S25-27	W47-50	1n	S5246 E
8	4:33 - 4:42	4:35	S16-17	W33-35	Sf	S5256 D
13	0:33 - 0:42	0:36	N12-13	E18-19	Sn	N5797 D
13	22:24 - 22:51	22:33	N18-21	E24-28	1b	N5798 D
14	22:04 - 22:10	22:08	N11-12	E39-40	Sf	N5800 C
19	21:59 - 22:19	22:03	N21-22	E24-26	Sb	N5808 B
21	(4:09) - 4:48	4:12	N 4- 6	W64-69	1n	N5806 G
24	4:37 - 4:51	4:41	S 7-10	W59-65	1f	S5267 E
24	23:51 - 24:08	24:03	S26-27	E15-17	Sn	S5277 F
26	2:11 - 2:52	2:22	S 9-22	W28-31	1f	S5275 E
26	7:34 - 7:52	7:36	N13-15	E42-44	Sn	N5811 D
26	22:58 - 23:08	23:03	N12-14	E26-30	1n	N5811 E
27	3:31 - 3:38	3:36	N 14	E 28	Sf	N5811 E
27	3:49 - 4:23	3:55	S16-21	W28-36	2n	S5276 E
27	7:10 - 7:29	7:18	S 9-12	W42-46	1f	S5275 C
28	22:31 - 22:59	22:36	N13-14	E 8- 9	Sb	N5811 E
29	4:28 - 4:48	4:34	S18-22	W47-52	2n	S5276 E
30	1:57 - 2:06	1:59	N13-15	W13-15	1b	N5811 E
31	4:08 - 4:23	4:16	S17-21	W77-82	1n	S5276 A
31	5:08 - 5:18	5:14	N13-15	W23-25	Sn	N5811 E

PROMINENCE (Sep. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	-
2	3h53m	2	3	4	8	17	
3		-	-	-	-	-	-
4	3:40	2	4	7	6	19	
5		-	-	-	-	-	-
6	2:41	2	5	5	4	16	
7		-	-	-	-	-	-
8	3:08	7	5	5	5	22	
9	2:47	7	2	2	6	17	
10	3:35	9	7	1	6	23	
11	3:43	9	3	2	5	19	
12	3:50	6	5	3	3	17	
13	3:30	2	3	3	4	12	
14		-	-	-	-	-	-
15		-	-	-	-	-	-
16		-	-	-	-	-	-
17		-	-	-	-	-	-
18		-	-	-	-	-	-
19	1:20	3	2	2	3	10	
20	7:54	4	3	5	3	15	
21	2:42	3	4	5	4	16	
22	1:35	3	1	2	5	11	
23	2:35	2	2	2	11	17	
24		-	-	-	-	-	-
25		-	-	-	-	-	-
26		-	-	-	-	-	-
27	4:09	2	3	3	5	13	
28		-	-	-	-	-	-
29		-	-	-	-	-	-
30		-	-	-	-	-	-
Sum		63	52	51	78		
		115		129		244	
Mean			7.67		8.60		16.27

Days 15

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Sep. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
6	2h41m	4	S46-47E	6.7
6	2:41	4	S49-51E	6.5
6	2:41	5	S 8-31W	8.3
8	3:08	2	N46-48W	5.6
8	3:08	6	S22-31W	12.1
9	2:47	5	N48-53W	6.5
10	3:35	5	N77-81W	5.5
10	3:35	2	N44-47W	7.5
11	3:43	5	N60-63E	5.7
11	3:43	4	N 74 E	6.0
12	3:50	2	N57-59E	8.4
12	3:50	6	S14-17W	5.2
13	3:30	6	S12-16W	7.5
19	1:20	6	N17-18E	6.5
19	1:20	5	N40-48E	5.8
19	1:20	4	N 9 W	8.4
20	7:54	2	N42-45E	6.2
20	7:54	6	N49-53E	9.1
21	2:42	5	N42-46E	6.6
27	4:09	5	N53-58W	7.9
27	4:09	2	S33-36E	6.5

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Date	Time U. T.	Max. ↑	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
1	7h05m - 7h23m	7h13m	N13-14	W23-29	1n	N5881 E
2	7:21 - 7:32	7:25	N12-13	W41-43	Sf	N5811 E
4	0:43 - 1:06	0:46	N14-16	W61-69	1n	N5811 E
4	7:41 - (8:13)	8:04	N17-18	W62-70	1b	N5811 E
7	22:41 - 24:34	23:04	N 9-11	E32-36	1n	N5821 J
8	22:13 - 23:01	22:20	N 5- 8	E40-44	1f	N5822 C
8	23:41 - 23:55	23:45	N16-17	E48-49	Sf	N5824 C
9	6:00 - 6:18	6:04	S10-12	W60-66	1f	S5287 C
12	0:57 - 1:38	1:04	N 1- 9	W45-51	2n	N5818 J
22	3:07 - 4:02	3:30	S12-16	W53-58	1n	S5296 C
23	1:33 - 1:41	1:35	N15-16	E36-38	Sn	N5833 E

PROMINENCE (Oct. 1990)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	7h01m	2	4	4	5	15	
2	4:11	2	1	2	2	7	
3		-	-	-	-	-	
4		-	-	-	-	-	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10	1:03	1	1	1	5	8	
11	0:13	4	3	3	4	14	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16	2:50	2	1	1	3	7	
17		-	-	-	-	-	
18	3:59	3	4	6	4	17	
19		-	-	-	-	-	
20	2:00	1	2	4	3	10	
21	4:19	1	2	4	6	13	
22	2:58	3	2	3	3	11	
23		-	-	-	-	-	
24	4:01	5	3	6	6	20	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28	4:06	1	3	4	4	12	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	4:58	5	3	3	5	16	
Sum		30	29	41	50		
		59		91		150	
Mean		4.92		7.58		12.50	

Days 12

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Oct. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	7h01m	2	N53-55W	6.3
2	4:11	2	S41-43E	5.2
10	1:03	2	N25-27W	11.0
11	0:13	4	N29-30E	8.8
11	0:13	4	N 28 W	7.4
11	0:13	5	S35-37W	5.2
16	2:50	2	S44-46W	6.5
20	2:00	5	S60-62E	5.6
28	4:06	5	N37-42W	6.0
28	4:06	2	S62-65W	5.7
31	4:58	5	S59-64W	6.1

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Oct. 1990

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
2	1h34m - 1h51m	1h37m	S 8-12	W46-52	2b	S5307 H
16	2:06 - 2:14	2:11	S20-21	W 90	Sn	---
18	0:45 - 1:02	0:49	S 7-10	E 2-W 2	1n	S5329 E
20	2:02 - 2:19	2:08	S 7-11	W20-26	1n	S5329 E
22	3:58 - 4:09	4:02	N19-21	E 4- 6	1f	N5850 F

PROMINENCE (Nov. 1990)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	4h51m	1	3	2	3	9	
2	4:25	2	4	3	5	14	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	5:20	4	2	6	4	16	
6	0:04	4	4	0	5	13	
7	3:59	5	1	1	6	13	
8	4:07	5	0	1	5	11	
9		-	-	-	-	-	
10		-	-	-	-	-	
11	1 32	2	4	2	1	9	
12	1:17	1	4	3	2	10	
13		-	-	-	-	-	
14	1:33	4	3	1	3	11	
15	2:45	3	4	5	2	14	
16	4:11	5	4	3	4	16	
17		-	-	-	-	-	
18	2:42	1	3	0	3	7	
19		-	-	-	-	-	
20		-	-	-	-	-	
21	2:06	1	2	3	3	9	
22	3:34	0	5	4	2	11	
23		-	-	-	-	-	
24	3:41	1	7	2	4	14	
25		-	-	-	-	-	
26		-	-	-	-	-	
27	1:51	1	8	2	4	15	
28		-	-	-	-	-	
29		-	-	-	-	-	
30		-	-	-	-	-	
Sum		40	58	38	56		
		98		94		192	
Mean		6.13		5.87		12.00	

Days 16

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Nov. 1990)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	4h51m	6	S15-16E	5.7
1	4:51	5	S42-47E	5.9
1	4:51	5	S60-65W	5.7
2	4:25	5	S44-48E	6.5
2	4:25	4	S 0- 1W	5.0
5	5:20	5	S60-64E	6.1
5	5:20	6	N20-24W	5.6
8	4:07	5	N 9-21E	5.5
11	- 32	4	N39-40W	8.4
12	1:17	5	S32-38E	5.6
21	2:06	2	N86-88E	8.9
24	3:41	4	N57-58W	8.4
27	1:51	5	N53-60W	10.2
27	1:51	1	N 1- 6W	5.6

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Nov. 1990

Date	Time U. T.	Max.	Helio. Position		Imp.	Group NO. and Type
			Latitude	Mer. Dist.		
4	23h33m - 23h49m	23h38m	S22-24	E 7-13	1n	S5345 D
5	0:28 - 1:01	0:36	S20-25	E 5-14	2f	S5345 D
5	23:07 - 23:56	23:23	S21-26	E 6-W 5	2n	S5345 E
6	4:32 - 4:37	4:35	S17-18	W 9-10	Sn	S5343 C
8	3:01 - 4:50	3:33	S17-24	W27-36	3n	S5345 E
11	0:46 - 0:51	0:48	N 5- 6	E10-11	Sb	N5869 D
12	0:10 - 0:20	0:12	N 6- 7	W 4- 5	Sb	N5869 E
12	1:46 - 2:00	1:50	N 7- 8	W 3- 4	Sb	N5869 E
12	23:45 - 23:56	23:49	N 7- 8	W14-16	Sn	N5869 D
13	4:32 - 4:37	4:34	N 6- 7	W14-16	Sf	N5869 D
13	4:43 - 4:51	4:44	N 8-10	W13-17	1b	N5869 D
16	0:25 - 0:29	0:26	N16-17	E54-55	Sn	N5874 F
16	23:45 - 23:59	23:47	N10-16	E24-34	2b	N5874 F
17	2:20 - 4:11	2:30	N11-16	E33-38	1n	N5874 F
17	2:48 - 3:16	2:55	N 5- 8	W65-70	1f	N5869 D
18	0:16 - 0:47	0:32	N18-20	E27-31	1n	N5874 F
24	2:38 - 3:12	2:50	S 4- 5	E10-11	Sn	S5363 D

PROMINENCE (Dec. 1990)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
U.	T.						
1	- 46	2	2	3	4	11	
2	- 23	1	2	2	4	9	
3	2h12m	0	3	4	4	11	
4	4:04	1	2	1	2	6	
5	2:16	1	1	1	4	7	
6	3:44	2	1	1	5	9	
7	3:28	1	2	1	4	8	
8	4:43	3	1	2	5	11	
9		-	-	-	-	-	
10	0:34	4	3	3	3	13	
11		-	-	-	-	-	
12	1:45	1	2	4	5	12	
13	2:14	2	4	3	4	13	
14	1:32	2	1	3	4	10	
15	2:30	1	3	4	3	11	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19	2:07	0	3	3	2	8	
20	1:31	0	2	2	1	5	
21	5:05	1	5	2	2	10	
22	1:52	1	3	3	2	9	
23		-	-	-	-	-	
24	0:12	2	4	1	3	10	
25	2:16	2	4	1	3	10	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	4:41	2	1	2	2	7	
30	4:35	0	1	3	5	9	
31	1:28	0	4	1	4	9	
Sum		29	54	50	75		
		83		125		208	
Mean		3.77		5.68		9.45	

Days 22

8cm Prominencescope
H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Dec. 1990)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
1	- 46	5	S12-16E	5.3
1	- 46	4	S23-24W	7.5
2	- 23	6	S 27 E	9.2
2	- 23	4	S21-22W	7.6
4	4h04m	5	S16-22W	5.6
5	2:16	5	S49-54E	5.6
6	3:44	5	S49-56E	5.6
7	3:28	5	S61-69W	6.5
12	1:45	6	N31-42W	7.6
12	1:45	4	S64-65W	6.6
12	4:46	2	N7-10E	9.5
13	2:14	5	S37-43E	5.8
13	2:14	1	S57-64W	7.4
13	2:14	2	S40-42W	6.3
14	1:32	5	S37-41E	6.7
14	1:32	5	S54-62W	8.4
14	1:32	5	S46-52W	5.6
14	1:32	5	S17-24W	5.1
15	2:30	2	N20-23W	25.9
15	2:30	5	S32-40E	8.4
15	2:30	5	S55-64W	10.2
18	1:23	4	S49-50W	5.4
20	1:31	5	S48-53W	5.6
21	5:05	5	S47-55W	6.0
22	1:52	5	N43-56W	5.6
22	1:52	5	S48-55W	6.5
24	0:12	5	N44-53W	5.3
25	2:16	2	N50-54W	11.1
29	4:41	2	N33-35E	7.3
29	4:41	2	S31-33E	5.6
30	4:35	2	S29-32E	8.3
31	1:28	2	S29-32E	6.6

SOLAR FLARES (H-alpha Patrol, H.W 0.6A)

Date	Time U. T.	Max.	Helio.Position		Imp.	Group NO. and Type
			Latitude	Mer.Dist.		
2	0h25m - 2h16m	1h03m	S 1- 4	W12-18	1n	S5366 J
4	0:38 - 1:07	0:46	S19-21	W 9-15	1n	S5371 A
5	0:54 - 1:03	0:56	N18-19	E34-35	Sn	N5886 D
5	5:36 - 5:47	5:39	N18-19	E32-36	1b	N5886 D
6	6:29 - 6:43	6:31	N 8-10	E32-35	1n	N5887 D
7	1:33 - 1:37	1:35	S24-25	W29-30	Sf	S5372 D
12	3:24 - 4:07	3:31	N20-24	W64-71	2b	N5885 D
12	3:40 - 3:50	3:42	N12-15	W70-76	1b	N5888 C
12	3:39 - 3:52	3:42	N 17	E 79	Sb	N5899 G
12	6:25 - ----	7:03	N19-24	W65-75	2b	N5885 D
13	3:55 - 4:04	3:58	N 19	E 60	Sn	N5899 G
13	4:12 - 4:20	4:14	N 20	W 81	Sn	N5885 J
13	4:55 - 5:03	4:58	N 20	W 81	Sb	N5885 J
14	1:47 - 2:00	1:51	N19-20	E45-46	Sf	N5899 F
15	3:50 - 3:59	3:52	N12-13	E36-37	Sf	N5899 F
15	4:11 - 4:28	4:15	N12-13	E36-37	Sn	N5899 F
18	0:51 - 0:58	0:54	N 4- 5	W40-41	Sb	N5896 G
18	1:50 - 2:03	1:53	N 9-12	W16-18	1b	N5897 D
18	5:15 - 5:22	5:19	N 4- 5	W40-41	Sn	N5896 G
18	5:15 - 5:39	5:21	N11-14	W18-19	1n	N5897 D
19	0:25 - 0:40	0:33	S 6	W 3	Sf	S5388 C
19	4:09 - 5:14	4:33	N 15	W 28	Sb	N5897 D
19	6:10 - 6:33	6:16	N18-20	W12-16	1n	N5899 F
22	23:12 - 23:21	23:14	N 13	W 90	Sb	N5897 -
25	2:38 - 2:44	2:40	S19-20	E20-21	Sf	S5390 G
31	2:20 - 2:44	2:26	S22-24	E22-25	1f	S5401 C