

PROMINENCE (Jan. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4	3h00m	2	1	3	5	11	
5		-	-	-	-	-	
6	2:57	2	3	3	2	10	
7	4:11	4	2	4	3	13	
8	4:06	4	1	2	1	8	
9		-	-	-	-	-	
10	3:27	4	3	3	3	13	
11	5:54	3	2	0	5	10	
12	5:35	3	3	3	5	14	
13		-	-	-	-	-	
14	4:48	2	1	4	4	11	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	2:49	3	3	1	6	13	
18	2:59	2	4	4	3	13	
19		-	-	-	-	-	
20	3:19	2	3	4	1	10	
21		-	-	-	-	-	
22	2:10	2	6	2	4	14	
23	5:20	3	5	4	0	12	
24	2:50	7	4	3	3	17	
25	3:00	4	4	5	1	14	
26		-	-	-	-	-	
27	5:42	1	2	9	2	14	
28	2:52	2	2	2	5	11	
29		-	-	-	-	-	
30	2:59	4	2	1	1	8	
31	3:27	2	2	3	1	8	
Sum		56	53	60	55		
		109		115		224	
Mean		5.74		6.05		11.79	

Days 19

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Jan. 2002)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
7	4h11m	5	S56-61E	5.8
8	4:06	6	N 9-14W	6.0
8	4:06	6	S44-50E	11.2
11	5:54	5	N19-26W	6.5
11	5:54	5	S49-52W	5.8
12	5:35	5	N19-23W	6.5
14	4:48	1	S39-53W	5.5
14	4:48	5	S22-27E	5.1
22	2:10	2	N 9-11W	6.5
22	2:10	5	S27-29E	5.1
27	5:42	5	S50-53W	5.5
30	2:59	6	N32-38W	6.4

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
12	3h13m	3h47m	3h22m	S 3- 5	W18-25	1n	S7382 E
14	1:52	3:30	1:54	N 3- 9	E38-45	1b	N7645 G
25	2:17	3:02	2:25	N11-14	E 6- 9	1n	N7655 D
27	6:05	6:18	6:09	S12-13	W51-55	1f	S7393 A

PROMINENCE(Feb. 2002)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	2h58m	2	1	4	1	8	
2		-	-	-	-	-	
3		-	-	-	-	-	
4	2:39	4	0	6	5	15	
5		-	-	-	-	-	
6	4:35	4	5	2	1	12	
7	3:42	5	4	3	3	15	
8	2:46	4	2	5	2	13	
9	4:02	2	2	4	2	10	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14	3:25	2	2	3	4	11	
15	2:40	2	3	2	4	11	
16	3:05	3	1	2	6	12	
17		-	-	-	-	-	
18		-	-	-	-	-	
19	3:19	3	3	4	3	13	
20	3:48	1	6	3	1	11	
21	3:39	5	5	4	1	15	
22	3:05	7	2	4	1	14	
23	3:31	2	3	5	3	13	
24	4:00	2	3	6	5	16	
25		-	-	-	-	-	
26	2:58	3	1	6	2	12	
27	3:00	1	4	6	4	15	
28		-	-	-	-	-	
Sum		52	47	69	48		
		99		117		216	
Mean		13.94	12.18	33.12			
		5.82		6.88		12.71	

Days 17

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Feb. 2002)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
4	2h39m	6	S 2- 3E	12.2
4	2:39	6	S31-42E	7.1
7	3:42	6	N15-19W	6.1
9	4:02	2	S31-36E	6.1
14	3:25	2	N32-34E	5.3
14	3:25	2	S54-58W	7.4
14	3:25	1	S18-27W	5.7
15	2:40	2	S59-63W	6.6
15	2:40	5	S18-28W	7.2
16	3:05	1	S24-30W	6.3
19	3:19	2	N13-20W	7.3
21	3:39	6	S41-42E	5.8
22	3:05	4	N 18 W	5.7
23	3:31	2	N29-31W	5.1
24	4:00	4	N32-33W	5.5
24	4:00	5	S39-41E	5.2
26	2:58	6	S 2- 3E	6.3
26	2:58	6	S14-15W	7.3
27	3:00	6	S 1- 3E	6.5

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
4	5h38m	-(7h40m)	6h01m	S 2-10	E28-33	2b	S7413 C
6	4:35	- 4:52	4:38	S13-15	W45-51	1b	S7406 E
6	6:07	- 6:16	6:08	S22-24	E41-43	1n	S7416 D
7	0:52	- 1:00	0:54	S13-15	W60-63	1n	S7406 C
14	1:37	- 1:46	1:40	N15-18	E 3- 6	1n	N7670 F
14	3:45	- 3:52	3:47	N 13	E 11	Sn	N7670 F
23	22:47	- 23:22	22:48	S15-19	W50-52	1n	S7425 E
25	2:53	- 3:07	2:57	S19-20	W65-72	1n	S7425 D
27	4:46	- 5:03	4:48	N14-17	E27-29	1n	N7681 D

PROMINENCE (Mar. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h10m	3	5	3	2	13	
2	3:04	3	2	2	2	9	*
3	4:36	2	1	2	1	6	
4	3:10	2	2	2	1	7	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	6:10	4	7	3	2	16	
8	4:11	2	5	1	1	9	
9	3:23	3	3	5	3	14	
10	2:36	1	4	5	2	12	
11	2:48	2	3	6	3	14	
12	4:20	4	1	3	4	12	
13	2:48	3	3	4	4	14	
14	3:39	4	2	2	3	11	
15		-	-	-	-	-	
16	6:30	4	4	2	2	12	
17	2:33	3	8	4	0	15	
18		-	-	-	-	-	
19	3:43	5	4	2	5	16	
20	3:42	3	2	2	2	9	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	3:26	2	3	4	1	10	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	2:42	1	8	2	3	14	
27		-	-	-	-	-	
28	2:34	0	4	4	2	10	
29		-	-	-	-	-	
30	3:13	5	3	3	4	15	
31	2:04	3	1	3	6	13	
Sum		59	75	64	53		
		134		117		251	
Mean		13.19	16.85	30.65			
		6.38		5.57		11.95	

Days 21 * - Contrast is bad

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Mar. 2002)

Date	Time		Type	Latitude	Altitude (ten thousand Km)
	U.	T.			
			1 - 6		
1	3h10m		1	S27-46E	7.3
2	3:04		1	S23-44E	6.5
7	6:10		6	N42-47E	12.1
10	2:36		6	S17-18E	8.7
11	2:48		6	S15-16E	6.5
13	2:48		5	N32-40E	6.2
14	3:39		6	N 0- 1E	8.3
19	3:43		6	S32-34W	7.4
31	2:04		6	S41-43E	6.5

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End		Latitude	Mer. Dist.		
4	7h30m	7h39m	7h33m	N15-17	W41-43	1n	N7681 G
14	1:39	4:07	1:48	S 5-18	E13-24	2b	S7449 E
28	1:52	2:06	1:55	N 7- 9	W46-53	1n	N7696 D

PROMINENCE (Apr. 2002)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	3h57m	1	3	5	2	11	
2	3:25	1	4	3	3	11	
3	3:20	2	5	2	3	12	
4	3:48	3	3	0	2	8	
5	3:51	4	2	1	4	11	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14	2:50	4	3	8	4	19	
15	3:07	6	3	3	1	13	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	3:05	8	1	5	2	16	
19	3:18	6	2	3	3	14	
20	3:32	4	3	4	3	14	
21		-	-	-	-	-	
22	3:41	3	3	2	3	11	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	3:37	3	4	0	3	10	
27		-	-	-	-	-	
28	3:12	2	5	7	6	20	
29	3:22	4	5	4	5	18	
30		-	-	-	-	-	
Sum		51	46	47	44	188	
Mean		6.93	6.50	6.50	6.50	13.43	

Days 14

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Apr. 2002)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
1	3h57m	5	N27-32E	5.5
4	3:48	6	S30-33W	13.9
5	3:51	6	S31-33W	16.6
14	2:50	1	N26-31W	5.6
15	3:07	2	N20-32W	15.0
22	3:41	6	N 6-14E	10.4
26	3:37	6	N 0- 1E	5.6
28	3:12	2	N 8-15E	6.7
28	3:12	5	N23-30E	7.4
28	3:12	5	N30-36W	6.4
28	3:12	5	N21-26W	5.8
28	3:12	6	S22-23W	5.6
29	3:22	5	N30-35W	8.3
29	3:22	5	N19-28W	9.2
29	3:22	6	N 5- 8W	6.6

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
2	0h46m	0h56m	0h49m	N 0- 3	E20-23	1n	N7703 E
4	6:50	6:58	6:53	S 8-10	E 1- 2	1n	S7460 C
14	3:35	4:25	3:50	N21-22	W45-48	1n	N7705 F
14	4:50	4:52	4:51	S 2	E 38	Sn	s7476 E
14	5:36	5:42	5:38	S 3- 5	E39-42	1n	S7476 E
14	6:58	7:05	7:01	S 2- 5	E41-44	1b	S7476 E
22	5:45	5:51	5:47	S15-17	E68-75	1n	S7487 D

PROMINENCE (May 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2	3h49m	7	6	5	1	19	
3		-	-	-	-	-	
4	2:48	3	2	3	2	10	
5	4:26	4	3	5	4	16	
6	3:48	4	3	5	2	14	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	3:25	4	3	7	3	17	
13	3:34	6	1	9	3	19	
14	3:09	4	2	4	2	12	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	3:33	1	5	1	2	9	
21	3:30	1	5	2	1	9	
22	4:15	2	3	2	4	11	
23	5:43	0	1	3	4	8	
24	4:42	4	1	4	3	12	
25	0:50	3	2	2	3	10	
26		-	-	-	-	-	
27	3:34	2	6	3	6	17	
28	3:05	1	3	2	5	11	
29	4:20	3	4	2	3	12	
30		-	-	-	-	-	
31		-	-	-	-	-	
Sum		49	50	59	48	206	
Mean		16.25		15.13		31.38	
		6.19		6.69		12.88	

Days 16

8cm Prominencescope
H-alpha (H.W 0.7A)

PRINCIPAL PROMINENCE (May 2002)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
2	3h49m	6	S 2- 4E	10.1
4	2:48	6	N26-27E	6.3
4	2:48	5	S30-35W	6.2
5	4:26	6	N26-28E	8.3
5	4:26	6	N16-19W	7.6
5	4:26	5	S30-42W	6.0
6	3:48	2	N22-24E	6.3
6	3:48	6	N17-22W	9.3
6	3:48	2	S37-39W	8.8
12	3:25	2	N18-23W	8.5
12	3:25	4	N 16 W	23.2
13	3:34	2	N29-32E	7.2
13	3:34	2	N25-27E	5.7
14	3:09	5	N24-29E	5.1
14	3:09	4	N31-32E	5.5
14	3:09	5	S59-62E	6.2
20	3:33	5	N 3-11W	6.5
21	3:30	5	N19-23W	7.1
21	3:30	6	S14-15W	7.1
22	4:15	4	S26-27W	6.1
25	0:50	1	N22-29E	6.5
27	3:34	5	N29-36W	6.9
27	3:34	2	S33-35W	8.4
27	3:34	2	S49-50W	7.2
28	3:05	6	S33-34W	7.2
28	3:05	2	S51-55W	10.2

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer.Dist.		
2	2h56m	3h30m	3h03m	N12-16	W35-40	1n	N7717 G
21	5:00	6:10	5:04	N12-18	E42-47	1n	N7729 C
21	21:27	22:46	21:34	N11-19	E27-35	1n	N7729 C
24	6:39	7:04	6:45	N12-14	E30-35	1b	N7731 E
29	2:43	2:50	2:45	S16-17	E70-76	1n	S7516 E
29	3:31	3:34	3:32	S16-17	E70-76	1n	S7516 E

PROMINENCE (Jun. 2002)

Date	Time	N		S		Total	Rem.
		U. T.	E	W	E		
1	3h21m		3	1	4	4	12
2	4:26		2	1	1	4	8
3	4:07		5	5	3	3	16
4	4:12		7	5	1	3	16
5	5:28		3	5	4	1	13
6	2:41		2	3	3	3	11
7	3:04		1	3	3	2	9
8			-	-	-	-	-
9	2:35		1	2	3	5	11
10			-	-	-	-	-
11			-	-	-	-	-
12			-	-	-	-	-
13			-	-	-	-	-
14	2:51		2	1	1	3	7
15			-	-	-	-	-
16			-	-	-	-	-
17			-	-	-	-	-
18			-	-	-	-	-
19	3:02		2	4	4	3	13
20			-	-	-	-	-
21	3:14		3	0	4	4	11
22	5:09		2	2	3	2	9
23			-	-	-	-	-
24			-	-	-	-	-
25			-	-	-	-	-
26			-	-	-	-	-
27			-	-	-	-	-
28	4:57		3	2	3	5	13
29			-	-	-	-	-
30			-	-	-	-	-
Sum			36	34	37	42	
			70		79		149
Mean			^{16.15} 5.38		^{14.46} 6.08		^{30.62} 11.46

Days 13

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Jun. 2002)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
2	4h26m	5	S35-41W	5.5
4	4:12	5	S35-40W	5.0
5	5:28	4	N 15 W	5.6
7	3:04	5	N16-34W	6.2
9	2:35	5	N27-35W	6.0
9	2:35	2	S43-45E	8.7
9	2:35	2	S51-54E	9.7
14	2:51	5	N 7-15W	5.6
14	2:51	5	S57-61E	5.0
19	3:02	6	N44-51E	9.0
19	3:02	4	N 55 E	7.0
19	3:02	2	S 1- 4W	6.9
22	5:09	6	S12-16W	6.7

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
1	3h05m	3h16m	3h08m	S 19	W 41	Sn	S7518 C
1	3:53	4:08	3:57	S17-19	E26-29	1b	S7516 E
1	6:31	6:42	6:33	S 74	E 74	Sn	S7520 D
1	6:49	7:25	6:58	N 5- 6	W13-16	1n	N7734 D
2	23:46	23:57	23:47	S17-19	E12-16	1n	S7516 E
2	4:33	4:53	4:35	S 21	W 53	Sn	S7518 C
3	7:24	7:38	7:27	N17-19	E 3- 5	1b	N7737 C

PROMINENCE (Jul. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2	3h59m	4	5	3	3	15	
3	4:44	5	3	8	3	19	
4	2:15	1	2	4	4	11	*
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	2:42	4	2	4	3	13	
9	2:36	6	2	4	0	12	
10		-	-	-	-	-	
11	6:33	3	1	1	4	9	
12	2:52	2	0	8	3	13	
13		-	-	-	-	-	
14	4:10	4	5	3	1	13	*
15		-	-	-	-	-	
16	3:38	1	1	5	3	10	*
17		-	-	-	-	-	
18	2:06	2	3	2	1	8	
19		-	-	-	-	-	
20	4:56	1	5	4	0	10	*
21	3:07	0	6	3	2	11	
22		-	-	-	-	-	
23	2:29	4	6	3	6	19	
24	2:24	2	4	2	5	13	
25	3:06	0	1	5	5	11	
26	3:50	1	1	3	3	8	
27		-	-	-	-	-	
28	4:38	4	2	2	4	12	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	3:07	0	5	2	4	11	
Sum		44	54	66	54		
		98		120		218	
		<i>16.56</i>		<i>17.28</i>		<i>33.83</i>	
Mean		5.44		6.67		12.11	

Days 18 * - Contrast is bad

8cm Prominencescope
H-alpha (H.W 0.7A)

PRINCIPAL PROMINENCE (Jul. 2002)

Date	Time		Type	Latitude	Altitude (ten thousand Km)
	U.	T.			
2	3h59m		5	N 9-15E	5.6
2	3:59		5	N33-36E	5.1
2	3:59		6	N39-45W	11.1
2	3:59		6	N15-19W	5.3
2	3:59		6	S20-26E	7.4
2	3:59		6	S32-35E	7.3
2	3:59		5	S57-61W	5.6
3	4:44		6	N12-16E	8.3
3	4:44		6	N43-49W	10.2
3	4:44		4	S 13 E	5.1
3	4:44		6	S15-21E	11.2
3	4:44		2	S27-29E	7.4
3	4:44		6	S31-36E	6.5
3	4:44		5	S58-62W	5.4
4	2:15		6	S12-34E	12.1
11	6:33		5	S27-40E	5.6
14	4:10		2	N47-49W	7.3
18	2:06		5	S44-50E	5.2
20	4:56		6	N15-22W	5.2
21	3:07		5	N40-49W	9.1
21	3:07		3	S11-16E	5.6
23	2:29		2	N37-41W	14.8
23	2:29		2	S24-27E	7.3
24	2:24		2	N19-21	5.2
24	2:24		2	S21-27W	7.1
25	3:06		6	N13-23	9.1
25	3:06		2	S22-27W	5.4
28	4:38		2	S34-37E	6.3

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
4	0h36m	- 0h45m	0h38m	S17-19	W62-66	1n	S7539 C
4	1:25	- 1:32	1:28	S17-19	W58-61	1n	S7539 C
4	4:55	- 5:17	5:03	S16-18	E13-15	1n	S7543 D
18	3:31	- 3:45	3:36	N19-21	W27-29	1n	N7755 F
18	7:40	- 8:00	7:42	N15-20	W26-34	2b	N7755 F
26	6:31	- 7:05	6:41	S18-21	E25-31	1b	S7558 E
28	0:28	- 1:20	0:34	S16-24	E 1-W8	2b	S7558 F
29	2:30	- 2:57	2:42	S17-19	W12-16	1b	S7558 F
31	1:41	- 2:26	1:47	S10-11	W36-41	1b	S7559 E

PROMINENCE (Aug. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h49m	1	6	2	6	15	
2		-	-	-	-	-	
3	2:46	3	2	0	6	11	
4	2:29	2	3	0	7	12	
5	4:17	2	3	2	7	14	
6	3:33	1	1	1	5	8	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10	2:30	3	1	3	0	7	
11		-	-	-	-	-	
12	3:37	4	3	4	4	15	
13	4:46	6	0	2	2	10	
14	4:49	5	2	1	4	12	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:02	3	3	6	6	18	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	3:32	0	2	5	2	9	
21	3:00	1	5	7	4	17	
22	2:58	4	4	6	4	18	
23		-	-	-	-	-	
24	3:56	1	3	4	7	15	
25	2:36	3	3	4	5	15	
26	3:27	2	1	6	1	10	
27	2:38	1	3	7	4	15	
28	1:00	1	5	4	7	17	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	3:02	1	4	5	6	16	
Sum		44	54	69	87		
		98		156		254	
Mean		<i>12.63</i> 5.16		<i>22.84</i> 8.21		<i>35.47</i> 13.37	

Days 19

8cm Prominencescope
H-alpha (H.W 0.7A)

PRINCIPAL PROMINENCE (Aug. 2002)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
3	2h46m	1	N25-36E	5.9
3	2:46	2	S 5- 7W	6.9
4	2:29	5	N22-35	5.8
4	2:29	2	S 3- 6W	8.1
10	2:30	6	N27-32E	10.8
17	3:02	5	N30-33W	5.5
17	3:02	2	S23-26W	6.5
17	3:02	4	S 14 W	6.5
21	3:00	6	N40-42W	7.4
21	3:00	2	S29-32W	5.6
21	3:00	6	S15-17W	5.6
22	2:58	5	S61-65E	5.5
24	3:56	5	S63-71E	5.2
24	3:56	3	S+1- 9W	7.4
26	3:27	4	S 43 E	7.1
26	3:27	2	S46-48W	5.2
28	1:00	4	S46-47W	5.6
31	3:02	6	S67-71W	9.3

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
1	7h41m	- 7h46m	7h43m	S11-14	W48-52	1n	S7559 E
3	4:22	- 4:55	4:45	S 6- 8	W 8-15	1n	S7564 D
3	5:17	- 5:29	5:21	S26-27	W12-14	1f	S7566 A
3	23:24	- 23:46	23:31	S16-18	W29-31	1n	S7564 E
6	1:34	- 2:00	1:42	S 4- 7	W56-62	1n	S7564 E
20	1:33	- 1:57	1:40	S17-22	W34-38	1b	S7571 H
20	2:06	- 2:44	2:13	S11-15	W29-38	2f	S7571 H
20	2:53	- 3:04	2:56	S 7	W 35	Sb	S7571 H
20	8:25	- 8:38	8:27	S 8-12	W34-38	1b	S7571 H
21	1:38	- 1:48	1:39	S 8-11	W47-51	1b	S7571 H
21	4:11	- 4:41	4:19	S 8-12	E36-38	1f	S7579 C
21	5:30	- 5:43	5:32	S 8-11	W47-51	1b	S7571 H
22	1:50	- 2:34	1:55	S 9-14	W56-68	2b	S7571 H
22	6:25	- (8:43)	6:50	S18-23	W42-31	2n	S7576 C
24	5:40	- 6:05	5:47	S 3- 8	E52-55	1b	S7583 H
25	23:39	- 25:43	24:44	S14-20	E39-53	2n	S7577 J
31	3:38	- 4:25	3:45	S 4- 7	W31-38	1n	S7583 C

PROMINENCE (Sep. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h06m	1	5	2	3	11	
2	3:21	3	5	2	6	16	
3	2:47	4	2	1	6	13	
4		-	-	-	-	-	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	2:07	3	3	5	5	16	
9	3:59	4	3	1	3	11	
10	1:30	5	2	4	5	16	
11		-	-	-	-	-	
12	3:54	3	3	5	4	15	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	2:06	1	1	8	0	10	*
19	3:59	1	3	5	0	9	
20	2:13	2	2	3	2	9	
21		-	-	-	-	-	
22		-	-	-	-	-	
23		-	-	-	-	-	
24	3:17	4	2	4	6	16	
25	2:40	3	2	3	4	12	*
26		-	-	-	-	-	
27	6:03	5	1	2	4	12	
28							
29							
30							
Sum		39	34	45	48		
		73		93		166	
Mean			12.69	16.92		29.62	
			5.62	7.15		12.77	

Days 13 * - Contrast is bad

8cm Prominencescope
H-alpha (H.W 0.7A)

PRINCIPAL PROMINENCE (Sep. 2002)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
1	3h06m	1	S34-39W	5.6
2	3:21	4	N 4- 5E	5.7
8	2:07	6	N 4- 6E	5.8
8	2:07	2	S16-18E	6.7
8	2:07	4	S26-27W	5.4
9	3:59	5	S 4- 9W	5.1
10	1:30	4	N21-22W	8.4
12	3:54	5	N26-38E	6.1
18	2:06	2	N 5- 7E	5.7
20	2:13	2	S28-30E	5.8
24	3:17	6	N17-26E	7.7

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
2	7h15m	7h21m	7h17m	N 6- 8	E24-26	1n	N7786 F
3	0:24	0:40	0:28	S 3- 7	W71-78	1n	S7583 J
18	2:10	2:40	2:21	S14-16	E 9-15	1n	S7602 D

PROMINENCE (Oct. 2002)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	-
2	3h51m	4	3	1	3	11	
3	3:23	1	2	4	3	10	
4	3:21	4	3	2	5	14	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	2:26	4	3	2	5	14	
8		-	-	-	-	-	
9	4:53	3	5	6	6	20	
10	4:15	1	3	1	6	11	
11	2:58	0	1	2	4	7	
12	2:58	2	3	3	6	14	
13	3:32	2	1	6	4	13	
14	2:41	2	4	6	1	13	
15	1:35	8	2	3	0	13	
16	2:45	0	3	5	2	10	
17	3:42	5	3	4	2	14	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	3:10	2	4	2	2	10	
23	2:42	0	4	4	2	10	
24	3:20	5	4	5	3	17	
25	3:21	3	2	2	8	15	
26	4:02	0	1	1	3	5	
27		-	-	-	-	-	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	4:04	2	1	1	5	9	
31	3:00	1	2	4	2	9	
Sum		49	54	64	72		
		103		136		239	
Mean		<i>11.95</i>		<i>18.75</i>		<i>30.70</i>	
		5.15		6.80		11.95	

Days 20

8cm Prominencescope
H-alpha(H.W 0.7A)

PRINCIPAL PROMINENCE (Oct. 2002)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
4	3h21m	2	N18-21W	5.8
7	2:26	5	N28-33W	5.5
7	2;26	6	N14-21W	5.8
9	4:53	6	N17-23W	6.2
9	4:53	6	S33-39E	6.9
9	4:53	2	S53-58E	5.8
10	4:15	1	S52-58E	8.5
11	2:58	2	N29-35W	5.6
11	2:58	5	S40-57E	9.3
12	2:53	5	S43-58E	9.3
13	3:32	5	S14-20E	6.5
13	3:32	1	S53-60E	8.4
14	2:41	5	S14-19E	5.1
14	2:41	2	S38-41E	7.1
14	2:41	5	S53-61E	7.4
15	1:35	5	S58-73E	5.2
16	2:45	2	S57-62E	5.8
16	2:45	4	S 71 E	5.0
17	3:42	2	S57-60E	7.4
17	3:42	2	S63-65E	7.1
17	3:42	1	S 68 E	6.3
17	3:42	2	S 1- 5W	6.9
22	3:10	2	S10-19E	6.5
22	3:10	5	S31-43E	5.6
23	2:42	5	S34-43E	5.3
25	3:21	2	S31-34E	9.2

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

Date	Time(UT)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
3	2h18m	- 2h55m	2h25m	S17-19	E 2- 8	1n	S7610 C
4	0:40	- 1:40	0:45	S17-20	W 3- 8	1n	S7610 D
10	22:06	- 22:45	22:09	N11-13	W37-40	1n	N7806 H
10	23:23	- 23:31	23:25	N15-17	E55-58	1b	N7811 C
14	2:38	- 3:32	2:51	N10-14	E 8-12	1n	N7811 D
16	3:12	- 3:19	3:13	S 18	E 36	Sb	S7624 C

PROMINENCE (Nov. 2002)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	4h39m	3	2	4	2	11	
9	4:20	2	2	5	3	12	
10	4:28	3	2	3	4	12	
11	3:16	2	2	0	5	9	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	4:08	3	3	5	2	13	
16	3:01	0	2	7	1	10	
17	3:48	1	3	7	1	12	
18	4:50	2	4	4	3	13	
19	3:41	3	5	3	3	14	
20	2:21	2	2	4	3	11	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	3:48	3	5	1	1	10	
24	1:24	2	4	3	3	12	
25		-	-	-	-	-	
26	4:03	2	2	3	0	7	
27		-	-	-	-	-	
28	3:49	1	3	3	4	11	
29	4:11	2	3	0	2	7	
30	3:50	0	3	2	5	10	
Sum		31	47	54	42		
		78		96		174	
Mean			4.88	6.00		10.88	

Days 16

8cm Prominencescope
H-alpha (H.W 0.7A)

PRINCIPAL PROMINENCE (Nov. 2002)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
9	4h20m	6	N 0- 3E	5.7
9	4:20	6	S41-45E	12.2
9	4:20	6	S55-59E	7.4
15	4:08	5	S18-20E	5.5
17	3:48	5	N 1- 7W	5.5
17	3:48	4	S 56 E	7.4
18	4:50	1	N 1- 4W	8.3
18	4:50	5	S34-46W	6.0
19	3:41	6	N11-14E	6.4
19	3:41	4	S 13 W	8.8
20	2:21	1	N16-24E	7.0
23	3:48	3	N 12 W	5.6
23	3:48	4	N 1- 2W	5.4
28	3:49	6	S 9-12W	8.2
29	4:11	5	N 0- 5W	5.6
30	3:50	2	S22-24W	5.2

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

Date	Time(U.T)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer.Distance		
10	3h06m	4h10m	3h13m	S 7-13	W32-45	2b	S7635 F
18	0:22	0:29	0:24	S18-20	W32-35	1b	S7640 F
18	2:04	2:16	2:06	S14-16	E52-59	1n	S7644 F

PROMINENCE (Dec. 2002)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2	3h59m	2	3	1	4	10	
3	2:58	3	3	1	2	9	
4		-	-	-	-	-	
5	3:32	4	0	1	3	8	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10	4:12	6	1	1	5	13	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14	0:58	4	2	0	1	7	
15	2:59	5	1	5	3	14	
16	0:57	3	2	8	1	14	
17	2:25	2	0	3	2	7	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	2:42	0	4	1	5	10	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	1:51	2	0	7	1	10	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	2:39	3	3	2	2	10	
27	2:50	2	4	2	0	8	
28	3:42	2	4	1	2	9	
29	2:33	0	3	2	5	10	
30	2:39	2	5	1	3	11	
31	2:56	3	2	2	3	10	
Sum		43	37	38	42		
		80		80		160	
Mean		5.00		5.00		10.00	

Days 16

8cm Prominencescope
H-alpha (H.W 0.7Å)

PRINCIPAL PROMINENCE (Dec. 2002)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
5	3h32m	5	N31-36E	5.4
16	0:57	2	S12-14E	5.6
17	2:25	2	S12-14E	6.4
26	2:39	1	S+1- 2W	5.8
27	2:50	4	N40-41W	5.6
28	3:42	6	N38-40W	7.3

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

Date	Time(U.T)		Max.	Helio. Position		Imp.	Group NO. and Type
	Beg.	End.		Latitude	Mer. Dist.		
2	1h54m	2h03m	1h56m	N11-13	E41-44	1n	N7839 C
16	1:37	1:50	1:43	N16-18	E48-50	1n	N7852 E
20	0:32	0:48	0:36	N 25	W 24	Sn	S7659 F