

PROMINENCE (Jan. 1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	1h24m	7	1	3	2	13	
2	3:12	6	3	3	1	13	
3	2:36	4	2	2	1	9	
4	1:30	2	3	3	2	10	
5	2:06	0	5	3	2	10	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	3:33	2	4	4	5	15	
9	1:45	1	5	4	5	15	
10		-	-	-	-	-	
11	1:46	5	1	5	3	14	
12	2:39	4	2	7	2	15	
13	1:36	4	2	4	2	12	
14	2:10	4	7	2	4	17	
15		-	-	-	-	-	
16	2:56	3	2	2	4	11	
17	3:03	2	3	3	4	12	
18	4:06	4	4	5	2	15	
19		-	-	-	-	-	
20	3:10	5	2	7	2	16	
21	4:20	4	2	9	2	17	
22	3:12	5	2	8	4	19	
23	2:25	3	3	6	5	17	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	1:48	1	5	4	5	15	
27	3:02	3	4	4	3	14	*
28	2:02	3	5	4	6	18	
29	2:16	3	5	2	1	11	
30	1:57	4	4	5	4	17	
31	4:48	4	10	7	2	23	
Sum		83	86	106	73		
		169		179		348	
Mean		7.04		7.46		14.50	

Days 24 * - Contrast is bad

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

PRINCIPAL PROMINENCE (Jan. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
2	3h12m	5	N26-28E	5.2
2	3:12	5	N35-37E	5.4
2	3:12	5	N47-51E	5.6
21	4:20	4	N 30 E	8.4
26	1:48	5	N31-41W	5.7
27	3:02	5	N41-44W	6.0
27	3:02	5	N32-38W	5.6
28	2:02	2	N13-15E	5.3
28	2:02	5	N34-42W	6.8
29	2:16	2	N39-43W	13.0
30	1:57	5	S28-32W	5.8
31	4:48	5	S35-39W	8.0
31	4:48	6	S24-32W	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.		
1	0h24m	0h53m	0h27m	N25-28	W20-25	1n	N6768 E
14	0:57	1:06	0:59	N20-23	E70-75	1b	N6779 D
15	23:42	23:48	23:43	N. 20	E 42	Sn	N6779 E
16	23:27	23:45	23:33	N18-19	E24-31	1n	N6779 E
17	1:09	1:14	1:10	N 20	E 24	Sn	N6779 E
17	4:26	4:30	4:28	S 20	E 19	Sn	S6567 E
18	0:11	0:20	0:16	S20-21	E 6- 8	1n	S6567 E
18	2:28	2:41	2:33	S20-21	E 6- 8	1n	S6567 E
22	2:21	2:50	2:26	N17-20	W 8-10	1f	N6785 D
23	0:41	0:45	0:43	N21-23	W59-61	1f	N6779 G
28	5:54	6:10	5:58	N 18	W 20	Sf	N6786 C

PROMINENCE (Feb. 1999)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3	4h48m	2	4	2	6	14	
4	1:25	2	5	2	4	13	
5	2:56	2	5	5	4	16	
6	1:50	3	3	4	2	12	
7		-	-	-	-	-	
8	2:12	4	1	4	2	11	
9	3:56	4	1	5	3	13	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	2:28	1	3	1	3	8	
13	2:44	0	1	1	3	5	
14	3:35	3	1	2	3	9	
15	2:49	4	1	1	4	10	
16	2:10	2	2	6	3	13	
17	1:55	3	4	5	1	13	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	1:36	1	0	5	2	8	
21		-	-	-	-	-	
22	2:49	1	2	2	4	9	
23	2:42	1	3	2	3	9	
24		-	-	-	-	-	
25	2:03	2	3	5	2	12	
26	1:35	3	2	4	3	12	
27	3:49	1	3	3	6	13	
28	1:14	3	7	4	4	18	
Sum		42	51	63	62		
			93	125		218	
Mean			4.89	6.58		11.47	

Days 19

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

RTAP(Days)
0.57

PRINCIPAL PROMINENCE (Feb. 1999)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
3	4h48m	5	N53-63W	6.0
3	4:48	2	S 3- 6W	9.1
4	1:25	5	S44-51W	5.4
4	1:25	5	S 6- 8W	5.6
5	2:56	5	N39-46E	5.6
5	2:56	2	S46-55W	10.5
5	2:56	2	S33-35E	5.8
6	1:50	5	N38-43E	7.4
6	1:50	5	S29-33E	5.5
8	2:12	5	N45-47E	6.2
13	2:44	2	S 9-11W	5.6
17	1:55	2	N12-15W	5.7
20	1:36	5	N53-58E	5.1
23	2:42	5	S34-40E	5.6
25	2:03	6	N35-55W	16.6
25	2:03	6	S34-36E	6.3
26	1:35	5	S10-15E	7.4
27	3:49	5	S 9-14E	7.3
27	3:49	4	S 56 W	5.6
28	1:14	5	S 6- 8E	5.4

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.		
9	4h56m	- 5h27m	5h07m	N30-32	W32-35	1f	----
12	3:16	- 3:30	3:24	N15-17	E33-39	1n	N6795 E
13	3:32	- 3:49	3:39	N21-23	W 0- 2	1n	N6793 E
16	(0:08)	- 0:21	0:12	N19-21	W 2- 4	1n	N6796 D
16	2:14	- 2:22	2:17	N 15	W 14	Sn	N6795 E
16	2:53	- 4:00	3:09	S22-27	W 5-18	2n	S6578 H
16	4:05	- 4:32	4:07	N17-20	W 6-11	1n	N6796 D
17	0:58	- 1:04	1:00	N 19	W 15	Sn	N6796 D
25	7:38	- 8:16	7:41	S23-24	E40-43	1n	S6584 D

PROMINENCE (Mar. 1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	1h51m	3	5	8	4	20	
2	3:21	2	7	6	4	19	
3	1:57	2	7	3	3	15	
4	2:02	3	6	2	3	14	
5		-	-	-	-	-	
6	1:02	3	3	3	2	11	
7		-	-	-	-	-	
8	2:04	2	1	5	1	9	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13	3:29	4	4	1	3	12	
14	0:30	5	5	3	5	18	
15		-	-	-	-	-	
16	2:55	1	7	2	1	11	
17	3:05	3	4	3	3	13	
18	2:05	2	3	3	1	9	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	1:34	1	2	1	2	6	
24	1:37	2	3	2	4	11	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28	1:10	3	2	2	3	10	
29	2:24	3	2	2	3	10	
30		-	-	-	-	-	
31	3:47	4	5	2	4	15	
Sum		43	66	48	46		
		109		94		203	
Mean		6.81		5.88		12.69	

Days 16

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

PRINCIPAL PROMINENCE (Mar. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
3	1h57m	5	N56-60W	5.2
4	2:02	5	N52-62W	6.7
6	1:02	5	N53-58W	6.6
13	3:29	4	S42-43W	5.2
16	2:55	5	N26-35E	5.2
16	2:55	4	N46-47W	6.5
17	3:05	6	N29-36E	9.3
23	1:34	5	N55-62E	6.5
24	1:37	5	N54-64E	5.6
31	3:47	4	S42-43W	5.7
31	3:47	4	S 0- 1W	5.6

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	3h39m	3h49m	3h42m	N27-29	W16-18	1n	N6802 E
3	3:32	3:58	3:47	N27-30	W35-42	1n	N6802 E
3	23:35	24:00	23:43	N31-35	W 8-11	1b	N6806 E
16	2:52	2:56	2:53	N22-23	W28-29	Sn	N6809 F

PROMINENCE (Apr. 1999)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	3h00m	4	3	4	3	14	
2		-	-	-	-	-	
3	4:05	3	3	2	2	10	
4		-	-	-	-	-	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	3:14	2	1	3	3	9	
8	1:39	3	2	3	2	10	
9	4:10	1	2	6	2	11	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13	2:13	0	4	2	4	10	
14	1:32	2	6	0	4	12	
15	3:29	2	3	0	3	8	
16	2:23	3	3	3	5	14	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	2:33	4	3	2	2	11	
21	2:11	2	4	1	1	8	
22	3:00	1	2	4	4	11	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	4:12	3	4	2	4	13	
27	3:59	2	4	3	6	15	
28		-	-	-	-	-	
29	4:28	3	5	4	1	13	
30	2:50	3	4	5	2	14	
Sum		38	53	44	48		
		91		92		183	
Mean		<i>11.88</i>		<i>12.89</i>		<i>24.56</i>	
		5.69		5.75		11.44	

Days 16

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

PRINCIPAL PROMINENCE (Apr. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
1	3h00m	5	S45-49W	5.4
9	4:10	4	N 5- 6W	7.2
13	2:13	6	N42-48W	8.2
13	2:13	5	S 3-10E	5.5
15	3:29	6	N44-45E	5.2
15	3:29	4	N45-46W	5.6
15	3:29	5	S 7-13W	5.7
16	2:23	6	N46-48E	5.4
16	2:23	6	N51-52E	5.4
16	2:23	2	N33-35W	6.4
26	4:12	2	S 8-10E	6.5
29	4:28	5	N40-44E	5.6
29	4:28	2	N48-50W	6,4
29	4:28	2	S11-13E	5.0
30	2:50	6	N46-49W	6.5

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	5h07m	5h39m	5h17m	S13-16	W 2- 5	1n	S6601 D
16	4:45	4:51	4:48	S11-13	E 90	1f	S6610 -
20	1:45	1:50	1:47	S12-13	E38-40	1n	S6610 D
30	3:54	4:00	3:56	N20-21	W11-14	1f	N6831 E

PROMINENCE (May 1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	4h04m	2	2	3	0	7	
2	5:46	4	4	3	4	15	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	3:21	3	2	4	1	10	
6	3:26	4	2	3	1	10	
7	3:16	5	2	1	5	13	
8		-	-	-	-	-	
9	2:50	1	3	2	4	10	
10		-	-	-	-	-	
11	3:15	2	3	3	3	11	
12	3:24	1	4	6	4	15	
13	3:13	3	3	2	3	11	
14	4:22	2	2	3	6	13	
15		-	-	-	-	-	
16	5:20	2	5	3	2	12	
17	3:06	6	3	1	3	13	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	2:44	3	3	3	2	11	
21	3:14	1	3	1	1	6	
22	2:58	4	2	3	1	10	
23	0:41	2	2	0	6	10	
24		-	-	-	-	-	
25	3:07	3	7	3	3	16	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29		-	-	-	-	-	
30		-	-	-	-	-	
31		-	-	-	-	-	
Sum		48	52	44	49		
		100		93		193	
Mean			14.47	11.94		28.41	
			5.88	5.47		11.35	

Days 17

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

PRINCIPAL PROMINENCE (May 1999)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	4h04m	5	N45-50W	5.6
2	5:46	4	S 23 W	6.5
5	3:21	5	N55-58W	5.5
9	2:50	5	S44-54W	8.2
11	3:15	2	S49-52W	6.8
12	3:24	5	N38-48W	6.0
13	3:13	5	N41-47W	7.4
14	4:22	5	N43-46W	5.7
14	4:22	4	S 55 W	5.2
16	5:20	5	N43-53E	5.6
17	3:06	5	N47-54E	8.2
17	3:06	5	N36-43W	5.0

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	22h57	- 23h04m	22h59m	N 22	W 44	Sn	N6831 G
5	6:26	- 6:35	6:30	N 21	E 90	Sn	----
6	1:21	- 2:03	2:31	N 4- 5	E72-75	1n	N6840 C
7	6:58	- 7:20	7:01	N13-16	E56-60	1n	N6843 C
17	4:54	- 5:00	4:56	S15-18	W80-85	1n	S6615 A
18	4:00	- 4:08	4:02	N21-23	W52-54	1n	N6844 E
22	6:50	- 7:08	6:56	N 26	W 85	Sn	N6853 D
29	3:08	- 3:32	3:23	S13-16	E57-61	1b	S6627 D
30	23:35	- 24:10	23:50	S15-19	E31-36	1b	S6628 A

PROMINENCE(Jun. 1999)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	2h41m	1	6	3	3	13	
2	2:15	1	4	2	3	10	
3		-	-	-	-	-	
4	3:02	3	3	1	2	9	
5	3:29	1	4	4	0	9	
6	2:38	1	3	3	2	9	
7		-	-	-	-	-	
8		-	-	-	-	-	
9	3:35	0	2	3	2	7	
10	2:26	2	1	1	2	6	
11	2:49	3	3	1	2	9	
12	1:48	4	4	1	1	10	
13	2:28	3	2	2	2	9	
14	2:29	4	3	3	5	15	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21	4:06	3	4	4	2	13	
22		-	-	-	-	-	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29		-	-	-	-	-	
30		-	-	-	-	-	
Sum		26	39	28	26		
		65		54		119	
			<i>11.50</i>	<i>11.25</i>		<i>22.75</i>	
Mean		5.42		4.50		9.92	

Days 12

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

PRINCIPAL PROMINENCE(Jun. 1999)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
10	2h26m	5	S61-67E	5.0
12	1:48	5	S61-67E	5.5
13	2:28	5	S61-68E	6.6
14	2:29	5	S63-69E	6.4
14	2:29	6	N22-23W	6.6

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.		
12	22h54m	22h59m	22h57m	N 18	W 35	Sb	N6870 F
21	1:00	1:40	1:08	S12-15	W53-56	1b	----
28	3:01	3:14	3:05	S24-26	E56-60	1n	S6647 C

PROMINENCE (Jul. 1999)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	2h02m	2	4	2	4	12	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	3:18	2	2	1	5	10	
6	1:49	1	4	2	1	8	
7		-	-	-	-	-	
8	2:24	1	2	2	2	7	
9	1:27	1	4	4	6	15	
10	1:51	2	3	4	3	12	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14	3:03	0	1	4	4	9	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22		-	-	-	-	-	
23		-	-	-	-	-	
24	3:48	4	4	2	4	14	
25	3:46	3	4	5	4	16	
26	5:15	1	4	4	3	12	
27		-	-	-	-	-	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	2:02	2	3	2	5	12	
31	2:11	3	5	0	4	12	
Sum		22	40	32	45		
		62		77		139	
Mean		12.48		16.17		28.25	
		5.17		6.42		11.58	

Days 12

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

PRINCIPAL PROMINENCE (Jul. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)	
	5	3h18m	1	S 2- 4W	5.7
	6	1:49	5	S61-66E	5.5
	8	2:24	5	S61-67E	5.6
	9	1:27	5	N34-38W	5.7
	9	1:27	5	N26-32W	5.3
	9	1:27	5	S61-71E	6.6
	10	1:51	5	S61-70E	5.1
	14	3:03	5	S72-86E	5.8
	24	3:48	5	S25-30W	5.6
	25	3:46	5	N29-38E	5.7
	25	3:46	4	N 2 W	7.3
	26	5:15	5	N28-35E	7.4
	26	5:15	4	N 11 W	5.7
	30	2:02	6	N33-35W	5.7

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.		
1	9h45m	- 9h51m	9h47m	S14-15	W18-19	Sn	S6644 E
1	7:06	- 7:20	7:08	N20-22	W58-60	1n	N6885 D
1	8:09	- 8:16	8:11	N 18	E 68	Sb	N6895 J
1	23:27	- 23:36	23:30	S 15	W 26	Sb	S6644 E
9	0:40	- 0:54	0:43	N 19	E 64	Sn	N6908 B
9	23:52	- 24:10	23:54	S 9-12	E51-52	1n	S6654 E
24	3:59	- 4:14	4:02	S25-27	E 90	1b	S6661 J
25	1:01	- 1:37	1:03	S25-26	E70-71	Sn	S6661 F
30	1:57	- 2:20	2:00	N24-25	E43-49	1n	N6922 E

PROMINENCE (Aug. 1999)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1	2h29m	1	3	1	5	10	
2	3:24	1	4	1	0	6	
3	1:44	3	1	2	3	9	
4	2:45	3	4	2	2	11	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	2:34	3	1	4	5	13	
8	1:51	2	1	6	4	13	
9	2:34	3	4	4	5	16	
10	3:17	3	2	3	3	11	
11	4:35	3	3	4	4	14	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	2:13	1	3	2	6	12	
18	3:29	4	3	2	8	17	
19		-	-	-	-	-	
20		-	-	-	-	-	
21	2:34	1	4	1	5	11	
22	5:10	2	4	1	2	9	
23	3:15	4	2	7	6	19	
24	3:21	3	3	3	6	15	
25	2:34	3	1	4	9	17	
26		-	-	-	-	-	
27	6:58	1	6	6	4	17	
28		-	-	-	-	-	
29	2:03	1	5	5	4	15	
30	3:54	5	2	3	2	12	
31	2:30	3	1	4	4	12	
Sum		50	57	65	87		
		107		152		259	
Mean		5.35		7.60		12.95	

Days 20

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

PRINCIPAL PROMINENCE (Aug. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
7	2h34m	2	S15-17W	5.6
8	1:51	2	N25-29E	5.0
9	2:34	5	S56-59W	5.1
11	4:35	6	S22-23W	7.9
11	4:35	4	S 1- 2W	5.8
17	2:13	2	S55-57W	5.6
18	3:29	5	S56-61W	5.0
23	3:15	4	N29 E	5.1
24	3:21	5	S14-17W	5.6
25	2:34	4	S16-17W	5.6
27	6:58	6	N 9-21W	6.5
29	2:03	5	N56-61W	6.5
29	2:03	2	S59-63E	8.3
30	3:54	2	S57-62E	9.3
31	2:30	2	N 6- 9E	5.6
31	2:30	2	S57-63E	10.3

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.		
2	0h25m	- 0h31m	0h27m	S27-29	W22-25	1n	S6661 G
4	5:49	- 6:30	6:05	S15-18	W60-65	1b	S6662 E
8	3:27	- 3:33	3:28	S 13	E 49	Sn	S6669 C
20	23:06	- 23:13	23:07	S23-25	E63-66	1b	S6703 D
25	1:34	- 2:01	1:36	S24-27	E 8-12	1b	S6703 D
30	3:57	- 4:02	3:59	S23-25	W37-40	1n	S6702 F

PROMINENCE (Sep. 1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	-
2		-	-	-	-	-	-
3		-	-	-	-	-	-
4		-	-	-	-	-	-
5	4h33m	5	2	2	7	16	
6		-	-	-	-	-	-
7		-	-	-	-	-	-
8	3:54	4	1	2	5	12	
9	3:10	3	0	2	5	10	
10	3:37	6	0	5	9	20	
11	5:39	5	1	7	6	19	
12		-	-	-	-	-	-
13		-	-	-	-	-	-
14		-	-	-	-	-	-
15		-	-	-	-	-	-
16		-	-	-	-	-	-
17		-	-	-	-	-	-
18		-	-	-	-	-	-
19	2:34	3	4	2	5	14	
20		-	-	-	-	-	-
21		-	-	-	-	-	-
22		-	-	-	-	-	-
23	2:13	0	2	2	5	9	
24		-	-	-	-	-	-
25	3:30	2	6	2	2	12	
26	4:36	3	2	2	2	9	
27	4:16	1	5	6	2	14	
28		-	-	-	-	-	-
29	2:56	3	2	6	4	15	
30	3:38	4	1	3	4	12	
Sum		39	26	41	56		
		65		97		162	
Mean		<i>11.08</i> 5.42		<i>19.04</i> 8.08		<i>30.08</i> 13.50	

Days 12

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

PRINCIPAL PROMINENCE (Sep. 1999)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
9	3h10m	5	S 3-14E	5.1
10	3:37	5	S 4-15E	5.1
10	3:37	6	S55-65W	5.4
11	5:39	4	S42-43E	5.2
11	5:39	5	S46-48E	6.5
11	5:39	5	S66-68W	5.8
23	2:13	2	S 4- 6W	8.2
26	4:36	5	S57-64E	5.2
27	4:16	4	S45-46E	5.8
27	4:16	5	S55-61E	5.3
29	2:56	5	N61-63W	5.6
29	2:56	5	S56-63E	5.9
30	3:38	5	N63-66W	5.5
30	3:38	5	S59-65E	7.4

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.		
5	5h34m	6h15m	5h40m	N19-22	W64-71	1f	N6941 J
7	23:04	23:21	23:07	N13-15	E58-60	1n	N6948 J
7	23:05	23:21	23:08	N19-20	W56-60	1n	N6944 B
19	6:45	6:50	6:47	N 23	W 64	Sn	N6952 D

PROMINENCE (Oct.1999)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2	4h05m	3	2	5	3	13	
3		-	-	-	-	-	
4	3:02	5	4	3	8	20	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9	2:20	3	3	3	1	10	
10	4:51	2	3	4	3	12	
11	2:36	1	3	4	3	11	
12	3:28	2	4	4	7	17	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16	6:05	3	4	4	3	14	
17	3:18	2	3	3	6	14	
18	5:15	4	1	3	3	11	
19		-	-	-	-	-	
20	3:23	1	1	3	8	13	
21	3:24	3	3	3	6	15	
22		-	-	-	-	-	
23	3:00	3	2	0	2	7	
24	4:21	4	4	0	6	14	
25	3:13	4	5	3	3	15	
26	3:41	3	8	1	2	14	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	3:15	7	5	2	3	17	
30	3:27	6	3	3	5	17	
31		-	-	-	-	-	
Sum		56	58	48	72		
		114		120		234	
Mean		<i>14.76</i> 6.71		<i>12.71</i> 7.06		<i>31.47</i> 13.76	

Days 17

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

PRINCIPAL PROMINENCE (Oct. 1999)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
2	4h05m	5	S31-35E	6.4
4	3:12	5	N36-44	5.3
4	3:12	5	S61-64E	5.1
4	3:12	5	S49-51W	5.6
10	4:51	5	S65-73E	6.7
11	2:36	5	S56-62W	5.8
12	3:28	4	N64-65E	5.0
12	3:28	5	S56-59W	5.0
16	6:05	5	S59-62W	5.6
17	3:18	5	S61-63W	5.5
18	5:15	2	S40-44E	6.4
20	3:23	5	N58-63E	5.7
20	3:23	6	S 3-10W	5.6
25	3:13	4	N 2- 3E	7.4
26	3:41	6	N 2- 3E	5.5
26	3:41	6	N56-58W	5.3

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.		
11	2h47m	2h53m	2h50m	N23-24	E43-47	1n	N6970 D

PROMINENCE (Nov.1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	-
2	3h29m	1	0	3	6	10	
3	3:05	1	0	2	3	6	
4	3:16	2	1	2	4	9	
5	2:54	5	1	10	3	19	
6	4:05	4	2	5	5	16	
7	3:37	4	1	3	4	12	
8		-	-	-	-	-	
9		-	-	-	-	-	
10	4:07	2	3	8	4	17	
11		-	-	-	-	-	
12		-	-	-	-	-	
13	1:51	3	3	5	5	16	
14	3:22	4	2	6	4	16	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:10	3	3	5	4	15	
18	3:22	1	4	2	6	13	
19	3:33	3	8	6	6	23	
20	4:40	0	2	5	3	10	
21	3:06	2	5	2	0	9	
22		-	-	-	-	-	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	3:40	3	3	1	3	10	
26		-	-	-	-	-	
27	3:25	4	4	4	3	15	
28	4:12	2	2	4	4	12	
29	3:36	2	4	3	8	17	
30	4:10	3	3	1	2	9	
Sum		49	51	77	77		
		100		154		254	
Mean			9.84	17.26		27.61	
			5.26	8.11		13.37	

Days 19

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

PRINCIPAL PROMINENCE (Nov. 1999)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)
4	3h16m	4	S46-47W	5.6
6	4:05	4	N 8 E	5.9
6	4:05	4	S43-44E	6.2
7	3:37	6	S10-11W	5.1
10	4:07	5	N64-66W	6.0
14	3:22	4	S37-38E	5.7
14	3:22	1	S10-19W	7.4
18	3:32	5	S51-54E	5.6
18	3:32	6	S23-26W	5.6
19	3:33	5	S45-48E	5.8
19	3:33	5	S66-70W	7.2
19	3:33	5	S39-47W	5.8
19	3:33	2	S32-34W	7.3
20	4:40	4	S45-46E	6.5
20	4:40	5	S39-46W	7.6
20	4:40	5	S32-34W	8.4
25	3:40	4	S46-47E	6.2
27	3:25	5	N18-25E	5.3
27	3:25	2	N68-70W	5.0
27	3:25	2	S51-55E	6.9
28	4:12	5	N17-23E	5.2
28	4:12	5	S10-19E	8.4
28	4:12	5	S57-61E	5.1
29	3:36	4	S18-19W	6.2
29	3:36	3	S13-17W	11.2

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.		
7	4h36m	- 4h46m	4h38m	S 18	W 64	Sn	S6738 E
13	1:55	- 4:10	2:40	S12-17	E42-57	2n	S6742c, S6743D
14	3:51	- 4:11	3:55	S 9-10	E40-45	1n	S6743 E
17	23:58	- 24:05	24:00	N18-19	W 8-10	1n	N7001 E
21	0:09	- 0:21	0:12	S12-15	W45-50	1b	S6743 E
27	2:05	- 2:14	2:07	S13-15	W60-66	1b	S6747 E
27	2:43	- 3:12	2:51	S14-15	W60-70	1n	S6747 E
27	4:53	- 5:27	4:56	S10-15	W13-18	1n	S6752 E

PROMINENCE(Dec. 1999)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3	2h23m	4	0	1	8	13	
4	3:44	5	1	2	6	14	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	6:10	2	3	3	3	11	*
8	3:30	3	3	5	4	15	
9		-	-	-	-	-	
10	3:10	5	3	2	2	12	
11	2:09	6	3	5	1	15	
12	3:10	5	3	3	4	15	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16	4:16	3	5	6	4	18	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20	2:51	3	2	3	3	11	
21	2:11	2	2	6	4	14	
22	2:06	1	2	3	4	10	
23	2:30	2	2	2	3	9	
24	4:35	4	2	6	3	15	
25	3:09	2	4	4	2	12	
26	4:43	1	3	9	3	16	
27	4:10	1	3	5	4	13	
28		-	-	-	-	-	
29	2:17	2	3	4	7	16	
30	1:37	5	5	2	6	18	
31	3:24	3	4	3	8	18	
Sum		59	53	74	79		
		112		153		265	
Mean		<i>13.11</i> 5.89		<i>14.58</i> 8.05		<i>27.68</i> 13.95	

Days 19 * - Contrast is bad

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

PRINCIPAL PROMINENCE (Dec. 1999)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
7	6h10m	5	N63-66E	5.3
8	3:30	5	N64-67E	5.8
8	3:30	5	N69-76W	5.4
10	3:10	5	N19-31W	6.6
11	2:09	1	N19-28W	9.2
11	2:09	5	S11-16W	5.4
12	3:10	2	N48-50E	5.8
12	3:10	1	N20-28W	7.9
24	4:35	2	N21-24W	5.6
24	4:35	4	S50-51E	5.7
25	3:09	2	S47-49E	6.3
27	4:10	2	S55-58E	6.5
29	2:17	4	S55-56E	7.4
31	3:24	2	S14-16W	7.4

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.		
8	2h42m	- 3h19m	2h50m	N10-11	E25-30	1n	N7015 D
12	3:05	- 3:16	3:07	N14-16	E25-27	1n	N7016 J
22	(2:00)	- 3:05	2:03	N25-36	E24-32	2n	---
23	3:14	- 3:24	3:16	N12-13	E14-15	Sb	N7022 F
24	5:28	- 5:36	5:30	N23-25	E 0- 2	1n	N7022 F
27	1:49	- 2:24	1:51	N22-24	W34-37	1n	N7022 F
28	0:42	- 1:24	9:44	N20-25	W46-52	2b	N7022 F