

PROMINENCE (Jan. 1986)

Date	Time	N				S	Total	Rem.
		E	W	E	W			
1		-	-	-	-	-	-	
2		-	-	-	-	-	-	
3		-	-	-	-	-	-	
4		-	-	-	-	-	-	
5	1h22m	2	0	0	0	2	-	
6		-	-	-	-	-	-	
7		-	-	-	-	-	-	
8		-	-	-	-	-	-	
9	3:44	1	0	0	0	1	-	
10	1:29	2	0	0	0	2	-	
11	2:23	1	0	0	0	1	-	
12	3:59	1	0	0	0	1	-	
13		-	-	-	-	-	-	
14	1:15	1	0	0	0	1	-	
15		-	-	-	-	-	-	
16		-	-	-	-	-	-	
17	3:59	1	0	0	1	2	-	
18	3:16	1	0	0	0	1	-	
19	1:21	0	0	0	0	0	-	
20	2:07	0	0	0	0	0	-	
21	2:07	0	0	1	0	1	-	
22	2:48	0	1	1	0	2	-	
23	1:48	0	1	1	0	2	-	
24		-	-	-	-	-	-	
25		-	-	-	-	-	-	
26	1:01	0	0	0	0	0	-	
27		-	-	-	-	-	-	
28	2:51	0	0	1	0	1	-	
29	1:43	0	0	2	0	2	-	
30		-	-	-	-	-	-	
31		-	-	-	-	-	-	
Sum		10	2	6	1	19		
		12		7				
Mean		0.75		0.44		1.19		

Days 16

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

PRINCIPAL PROMINENCE (Jan. 1986)

Date	Time	Type	Latitude	Altitude
U. T.	1 - 6			(ten thousand Km)

Not Observed .

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PROMINENCE (Feb. 1986)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2	3h02m	1	0	0	0	1	
3	3:20	1	1	1	0	3	
4	1:21	0	0	0	0	0	
5	1:48	0	0	3	0	3	
6	1:50	1	0	1	1	3	
7	1:13	1	0	0	1	2	
8	2:05	3	0	3	1	7	
9	3:58	0	0	0	0	0	
10	0:57	0	0	0	0	0	
11		-	-	-	-	-	
12	1:17	1	1	1	0	3	
13		-	-	-	-	-	
14	0:18	1	0	0	1	2	
15	5:05	1	0	0	3	4	
16	3:01	1	0	1	2	4	
17	0:51	0	0	1	0	1	
18		-	-	-	-	-	
19	3:48	1	0	1	0	2	
20	1:03	0	0	2	2	4	
21	2:35	0	0	2	1	3	
22	2:32	0	0	2	4	6	
23	1:02	0	0	2	3	5	
24	0:28	1	0	0	0	1	
25	3:46	1	0	0	0	1	
26	1:06	1	1	0	0	2	
27	1:36	0	0	0	0	0	
28		-	-	-	-	-	
Sum		15	3	20	19		
		18		39		57	
Mean		0.78		1.70		2.48	

Days 23

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

PRINCIPAL PROMINENCE (Feb. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
6	1h50m	4	N41-42E	5.4
15	5:05	3	S 2- 5W	5.1

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PROMINENCE (Mar. 1936)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	0h51m	0	0	2	0	2	
2	1:46	1	0	1	1	3	
3	2:07	1	0	1	0	2	
4	1:26	1	0	1	0	2	
5		-	-	-	-	-	
6	2:17	1	0	2	1	4	
7	1:47	1	0	1	1	3	
8	2:01	1	0	1	2	4	
9	1:51	1	2	2	3	8	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	1:35	2	1	2	2	7	
13	1:40	1	3	3	3	10	
14		-	-	-	-	-	
15	2:52	1	1	1	1	4	*
16	1:32	1	0	1	2	4	
17	1:44	2	0	2	0	4	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21	1:40	2	0	3	0	5	
22		-	-	-	-	-	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	0:51	4	0	2	0	6	
26	1:49	2	1	1	0	4	
27	2:07	1	0	1	0	2	*
28		-	-	-	-	-	
29		-	-	-	-	-	
30	1:05	0	0	1	0	1	
31	1:46	1	0	1	1	3	
Sum		24	8	29	17		
		32		46		78	
Mean		1.68		2.42		4.11	

Days 19

* - Contrast is bad

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

PRINCIPAL PROMINENCE (Mar. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
7	1h47	4	N 32 E	5.7
9	1:51	4	S 22 W	5.5
25	0:51	5	N29-33E	5.4

3 (0)

PROMINENCE (Apr. 1986)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h06m	1	0	1	1	3	
2	2:54	0	0	4	2	6	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	3:53	0	1	2	2	5	
6		-	-	-	-	-	
7	3:38	0	0	3	0	3	
8	3:24	0	1	3	2	6	
9	3:32	3	1	1	2	7	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	3:21	1	0	1	2	4	
13	3:26	0	1	1	2	4	
14	3:11	2	0	0	1	3	*
15		-	-	-	-	-	
16	3:19	0	0	3	2	5	
17	3:30	1	0	4	3	8	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	3:08	1	0	6	1	8	
24		-	-	-	-	-	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	3:47	3	0	2	2	7	
30	2:41	0	1	0	1	2	
Sum		12	5	31	23		
		17		54		71	
Mean		1.21		3.86		5.07	

Days 14

* - Contrast is bad

8cm Prominencescope

H-alpha 6563A (H.W 4.0A)

PRINCIPAL PROMINENCE (Apr. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
7	3h38m	4	S11-12E	16.1
8	3:24	2	S 0- 2E	6.0
14	3:11	4	S26-27W	9.6
30	2:41	2	S32-35W	6.4

4 (1)

PROMINENCE (May 1986)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	3h54m	5	0	4	1	10	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	3:13	3	1	4	1	9	
6		-	-	-	-	-	
7	3:56	2	0	2	2	6	
8	3:26	1	0	3	2	6	
9	3:11	1	0	0	1	2	
10	0:25	2	0	0	3	5	
11		-	-	-	-	-	
12	3:31	0	1	4	1	6	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	3:36	0	3	3	2	8	
16		-	-	-	-	-	
17	1:20	1	0	1	0	2	*
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	2:52	1	0	2	0	3	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	3:52	1	0	1	0	2	
26		-	-	-	-	-	
27	3:25	0	0	0	1	1	
28	4:04	1	0	0	1	2	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	2:57	2	1	1	1	5	
Sum		20	6	25	16		
		26		41		67	
Mean		1.86		2.93		4.79	

Days 14

* - Contrast is bad

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

PRINCIPAL PROMINENCE (May 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
5	3h13m	5	N33-39W	5.6

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PROMINENCE (Jun. 1986)

Date	Time	N		S		Total	Rem
		U.	T.	E	W		
1	3h20m	3	2	0	1	6	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	0:24	0	0	1	1	2	
9	5:00	0	0	2	1	3	
10	2:35	2	0	1	0	3	
11	2:28	0	0	1	0	1	
12	1:56	3	0	1	1	5	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	1:22	3	0	3	1	7	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	3:01	2	1	3	0	6	
19	3:40	3	0	2	0	5	
20	3:32	3	1	0	3	7	
21		-	-	-	-	-	
22		-	-	-	-	-	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	2:51	2	4	1	1	8	
27	2:33	1	2	2	0	5	
28	0:29	1	2	3	0	6	
Sum		23	12	20	9		
		35		29		64	
Mean		2.69		2.23		4.92	

{ 29 -
30 -

Days 13

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

PRINCIPAL PROMINENCE (Jun. 1986)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
1	3h20m	2	N11-15W	6.9
11	2:28	5	S32-36E	5.5
12	1:56	5	S32-38E	6.3
15	1:22	4	S39-40W	5.0
20	3:32	4	N 11 E	5.1
20	3:32	4	N 14 E	5.7
26	2:51	5	N22-25W	5.1
27	2:33	5	N32-35W	5.1
27	2:33	5	N27-30W	5.7
27	2:33	6	S33-34E	5.6
28	0:29	5	N32-35W	5.5

11 (0)

PROMINENCE (Jul. 1986)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1	3h30m	0	0	0	1	1	*
2		-	-	-	-	-	
3	2:21	1	0	0	1	2	
4	0:52	0	0	2	2	4	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14	3:03	2	1	1	0	4	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	2:04	0	1	1	2	4	
19	1:31	1	2	2	1	6	
20		-	-	-	-	-	
21	3:02	0	2	1	0	3	
22		-	-	-	-	-	
23	2:57	2	2	1	2	7	
24	2:38	3	2	2	0	7	
25	2:45	4	4	2	0	10	
26	2:44	2	2	3	1	8	
27	1:40	2	2	1	3	8	
28	2:12	1	1	1	3	6	
29	0:00	1	2	1	2	6	
30	1:55	1	1	1	1	4	
31	2:28	3	1	1	1	6	
Sum		23	23	20	20	86	
		46		40			
Mean		2.88		2.50		5.38	

Days 16 * - Contrast is bad

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

PRINCIPAL PROMINENCE (Jul. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	3h30m	5	S38-44W	5.5
3	2:21	5	S38-42W	6.5
14	3:03	3	N 6- 8W	5.4
19	1:31	6	N13-16E	6.5
24	2:38	1	N31-40E	5.8
25	2:45	5	N35-39E	6.8
26	2:44	5	N36-41E	5.5
26	2:44	4	S37-38E	5.6
27	1:40	4	S31-32E	7.3
30	1:55	5	S39-43W	6.4
31	2:28	5	S39-42W	5.7

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11 2 年

PROMINENCE (Aug. 1986)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	2h30m	2	1	1	3	7	
2	2:10	1	1	4	3	9	
3	0:56	0	3	1	3	7	
4		-	-	-	-	-	
5	3:53	2	0	2	1	5	
6	1:39	5	1	2	1	9	
7	3:31	1	1	2	2	6	
8	2:58	1	0	2	3	6	
9	2:34	3	0	1	2	6	
10	2:14	0	1	2	1	4	
11	2:33	0	1	2	1	4	
12		-	-	-	-	-	
13	3:00	0	2	1	0	3	
14		-	-	-	-	-	
15		-	-	-	-	-	
16	2:02	0	0	4	3	7	
17	2:01	0	1	3	1	5	
18	2:51	0	2	0	3	5	
19	2:23	2	2	0	3	7	
20	-2:04	2	2	0	1	5	
21	1:29	1	0	1	1	3	
22		-	-	-	-	-	
23	0:19	2	2	3	1	8	
24	3:03	2	1	3	4	10	
25	2:39	1	1	0	2	4	
26	4:56	1	1	1	0	3	
27	1:13	2	2	1	1	6	
28	2:38	1	2	2	3	8	
29	2:19	1	0	3	3	7	
30	3:07	0	0	1	2	3	
31	2:49	3	0	2	3	8	
Sum		33	27	44	51		
		60		95		155	
Mean			2.31		3.65		5.96

Days 26

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

PRINCIPAL PROMINENCE (Aug. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	2h30m	2	N10--13E	5.6
3	0:56	5	S37-39E	5.3
6	1:39	6	N 8- 9E	6.5
7	3:31	5	S35-41W	6.7
8	2:58	5	S36-40W	5.2
9	2:34	4	N 9-10E	9.2
13	3:00	6	N16-19W	6.0
16	2:02	5	S32-37W	5.6
17	2:01	5	S30-33E	5.6
17	2:01	5	S36-38E	5.2
19	2:23	1	N25-28W	6.2
19	2:23	5	S35-37W	7.3
19	21:54	4	N27-28W	5.4
24	3:03	4	N33-34E	5.6
24	3:03	5	S26-31W	5.6
26	4:56	5	N11-16E	8.4
27	1:13	5	N12-17E	5.8
28	2:38	2	S16-19E	5.6
28	2:38	1	S39-41W	8.2
29	2:19	4	S22-23E	5.4
29	2:19	5	S27-31W	7.7
31	2:49	2	S37-39W	5.1
31	2:49	2	S22-26W	7.9

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PROMINENCE (Sept. 1986)

Date	Time	N		S		Total	Rem.
		U.	T.	E.	W.		
1	2h13m	3	0	1	4	8	
2	2:12	4	0	3	2	9	
3		-	-	-	-	-	
4	2:32	0	1	4	1	6	
5	2:41	1	1	1	2	5	
6		-	-	-	-	-	
7	2:38	2	1	2	1	6	
8	2:56	2	5	1	1	9	
9	- 11	0	5	1	1	7	*
10		-	-	-	-	-	
11	2:23	0	3	0	3	6	
12		-	-	-	-	-	
13	-1:34	1	0	2	0	3	*
14	1:36	2	0	3	1	6	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	- 25	0	2	2	2	6	
19		-	-	-	-	-	
20		-	-	-	-	-	
21	4:48	4	0	2	2	8	
22	0:56	4	3	2	3	12	
23	0:25	3	3	0	2	8	
24	2:25	3	3	5	1	12	
25	3:44	0	0	2	2	4	
26	2:29	0	0	2	4	6	
27	1:37	1	1	1	2	5	
28	0:47	0	0	2	2	4	
29	4:43	1	0	2	1	4	*
30	2:27	3	0	2	2	7	
Sum		34	28	40	39	141	
			62		79		
Mean			2.95		3.76	6.71	

Days 21 * - Contrast is bad

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

PRINCIPAL PROMINENCE (Sept. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
2	2h12m	4	N26-27E	5.4
7	2:38	4	N 43 E	5.3
8	23:49	6	N41-42W	5.6
14	1:36	4	S 31 E	5.6
21	4:48	5	N25-27E	7.9
22	0:56	5	N20-26E	7.5
23	0:25	5	N20-25E	7.6
24	2:25	2	N20-22E	6.3

8(0)

PROMINENCE (Oct. 1986)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3	2h48m	1	3	1	2	7	
4	2:35	0	2	2	2	6	
5	3:10	0	1	1	0	2	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9	0:05	0	0	0	1	1	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	0:34	0	1	1	1	3	
13	0:51	1	1	1	0	3	
14	3:37	0	1	2	0	3	
15		-	-	-	-	-	
16	3:41	2	1	2	1	6	
17	4:02	1	1	1	0	3	
18	1:31	1	1	0	1	3	
19	2:49	2	1	0	1	4	
20	3:13	1	1	2	1	5	
21	3:28	1	0	1	1	3	
22		-	-	-	-	-	
23	1:41	0	0	1	1	2	
24		-	-	-	-	-	
25	2:43	1	0	2	1	4	
26	3:17	2	0	2	4	8	
27	3:11	1	0	2	1	4	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	2:52	3	1	1	2	7	
31	3:09	3	1	2	1	7	
Sum		20	16	24	21		
		36		45		81	
Mean		1.89		2.37		4.26	

Days 19

8cm Prominencescope

H-alpha 6563A(H.W 4.0A)

PRINCIPAL PROMINENCE (Oct. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		
4	2h35m	4	N 23 W	6.4
5	3:10	5	N19-32W	9.6
20	3:13	5	N24-29E	7.4
21	3:28	5	N24-26E	6.6
30	2:52	1	N36-40E	7.5
30	2:52	5	N41-45E	6.5
31	3:09	2	N35-37E	6.7
31	3:09	2	N41-44E	6.7

Filament

8 (6)

Date	Time U. T.	Helio. Position		Group NO. and Type
		Latitude	Mer. Dist.	
20	3h33m	N23	E43	N5066 D

PROMINENCE (Nov. 1986)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2	2h19m	2	1	1	2	6	
3		-	-	-	-	-	
4	4:00	0	4	0	0	4	
5		-	-	-	-	-	
6	3:25	0	2	2	2	6	
7		-	-	-	-	-	
8	1:53	0	1	0	0	1	*
9	2:31	0	1	2	2	5	
10	1:38	3	2	0	0	5	
11	2:50	2	1	1	0	4	
12	2:17	1	3	3	0	7	
13		-	-	-	-	-	
14	0:16	0	3	2	2	7	
15		-	-	-	-	-	
16	- 44	0	1	0	0	1	*
17		-	-	-	-	-	
18	0:42	0	0	2	0	2	
19	3:33	1	0	5	1	7	
20	1:45	1	0	0	1	2	
21	2:52	1	0	1	1	3	
22	1:05	1	0	3	1	5	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	0:40	0	1	1	1	3	
26	0:50	0	2	1	3	6	
27	2:50	1	1	1	0	3	
28	2:51	2	1	1	0	4	
29	3:04	1	1	1	0	3	
30	1:31	1	3	1	1	6	
Sum		17	28	28	17		
		45		45		90	
Mean		2.14		2.14		4.29	

Days 21

* - Contrast is bad

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

PRINCIPAL PROMINENCE (Nov. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
8	1h53m	5	N28-32W	6.5
9	2:31	5	S34-37E	5.5
21	2:52	5	N26-31E	6.4
21	2:52	5	S39-46E	5.2
22	1:05	5	S39-46E	5.8
27	2:50	4	N17-18W	5.2
29	3:04	5	S34-41E	5.2
30	1:31	2	S37-40E	6.0

8(0)

PROMINENCE(Dec. 1986)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	1h26m	0	4	1	2	7	
2	2:52	0	1	0	4	5	
3	2:23	1	0	2	4	7	
4		-	-	-	-	-	
5	3:02	0	0	1	3	4	
6	3:40	0	2	1	3	6	
7		-	-	-	-	-	
8	1:17	0	0	0	2	2	
9	1:40	1	0	0	1	2	
10	1:31	1	0	1	1	3	
11	1:58	1	2	1	1	5	
12	3:32	2	2	2	0	6	
13	1:09	2	1	1	2	6	
14		-	-	-	-	-	
15		-	-	-	-	-	
16	3:05	3	0	6	0	9	
17	2:22	2	0	4	0	6	
18		-	-	-	-	-	
19	2:38	3	0	1	1	5	
20	1:38	0	0	1	2	3	
21		-	-	-	-	-	
22	3:15	0	0	2	0	2	
23	1:55	0	0	2	0	2	*
24	2:00	1	0	3	3	7	
25		-	-	-	-	-	
26	3:12	0	3	1	1	5	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	2:05	1	1	3	1	6	
30	3:57	0	2	0	3	5	
31		-	-	-	-	-	
Sum		18	18	33	34		
		36		67		103	
Mean		1.71		3.19		4.90	

Days 21 * - Contrast is bad

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

5 万 km 以上 = 90 (0.40)
10 万 km 以上 = 2 (0.01)

Obs. day = 223

PRINCIPAL PROMINENCE (Dec. 1986)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	1h26m	2	S35-40W	6.3
2	2:52	5	S35-38W	5.5
6	3:40	4	S 35 W	6.4
9	1:40	5	S34-37W	5.2
11	1:58	1	N35-45E	8.0
12	3:32	1	N37-45E	9.3
13	1:09	2	N42-46E	13.0
23	1:55	5	S38-41E	5.5
26	3:12	2	S37-41W	5.6
29	2:05	6	S21-26E	8.5
29	2:05	5	S27-34W	8.1

11 (1)