

PROMINENCE (Jan. 1980)

Date	Time	N		S		Total	Rem.
	U. T.	E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	3h34m	1	3	2	3	9	
6	3:17	1	2	1	2	6	
7		-	-	-	-	-	
8	2:24	2	3	2	1	8	
9	0:53	5	1	3	3	12	
10	3:16	3	6	2	4	15	
11		-	-	-	-	-	
12	1:29	1	3	3	4	11	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	1:41	1	2	2	7	12	
19		-	-	-	-	-	
20	0:37	2	5	3	1	11	
21		-	-	-	-	-	
22	3:47	4	3	4	4	15	
23	2:44	2	1	3	6	12	
24	1:15	3	1	4	2	10	
25	1:19	5	2	6	3	16	
26	1:11	5	1	5	3	14	
27	4:46	3	2	5	1	11	
28	1:21	2	2	6	5	15	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	0:24	0	3	4	6	13	
Sum		40	40	55	55	190	
		80		110			
Mean		5.0		6.9		11.9	

Days 16

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

PRINCIPAL PROMINENCE (Jan. 1980)

Date	Time	Type	Latitude	Altitude
	U. T.			
10	3h16m	5	N38-49W	5.6
12	1:29	2	N44-48W	8.4
12	1:29	2	N33-39W	6.4
12	1:29	2	S33-37E	5.0
18	1:41	2	S51-56W	9.8
18	1:41	2	S38-39W	5.6
20	0:37	1	N28-45W	5.4
23	2:44	2	S24-29E	11.1
25	1:19	2	S33-35E	5.9
26	1:11	2	N62-66E	6.1
27	4:46	6	S10-18E	5.4
28	1:21	2	S11-16E	5.1
28	1:21	6	N 0-7 E	6.6
31	0:24	6	S47-53E	8.0

SOLAR FLARES

Date	Time	Helio. Position		Imp.	Sunspot No. and Type
		Latitude	Mer. Dist.		
8	2h24m	S 9-12	E37-40	1n	S3241 D

- * Type
- 1 Active
 - 2 Eruptive
 - 3 Sunspot
 - 4 Tornado
 - 5 Quiescent
 - 6 Coronal

PROMINENCE (Feb. 1980)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2		-	-	-	-	-	
3		-	-	-	-	-	
4	0h25	4	3	4	4	15	
5	3:07	3	3	2	2	10	
6	4:17	1	5	2	4	12	
7	1:54	5	7	6	2	20	
8		-	-	-	-	-	
9	2:07	1	6	2	1	10	
10	2:02	5	3	4	2	14	
11	2:35	3	5	5	2	15	
12	2:57	5	5	4	5	19	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	1:10	4	7	4	4	19	
16	3:34	2	4	5	2	13	
17	3:41	3	3	3	4	13	
18	5:04	2	6	0	4	12	
19		-	-	-	-	-	
20	4:32	4	2	9	3	18	
21		-	-	-	-	-	
22	4:03	2	3	6	2	13	
23	1:21	3	3	4	2	12	
24	1:38	1	6	4	4	15	
25	3:56	2	6	6	3	17	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	0:48	5	4	4	4	17	
Sum		55	81	74	54	264	
		136		128			
Mean		7.6		7.1		14.7	

Days 18

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

PRINCIPAL PROMINENCE(Feb. 1980)

Date	Time	Type	Latitude	Altitude
U. T.		1 - 6		(ten thousand Km)
5	3h07m	5	N65-68E	5.6
7	1:54	1	N 0-3 E	6.8
7	1:54	2	S52-56E	6.4
10	2:02	3	N-2-9 E	12.0
10	2:02	5	N38-48W	7.2
10	2:02	2	S 8-9 E	8.5
10	2:02	4	S 80 E	5.0
11	2:35	2	N40-46W	7.4
11	2:35	3	N18-19W	6.5
12	2:57	2	N66-68W	6.3
15	1:10	6	S29-33W	9.3
16	3:34	4	S60-63E	6.5
17	3:41	2	N16-19W	6.0
24	1:38	4	N 8 W	5.6
25	3:56	2	N 4-5 W	9.2
29	0:48	2	S29-36E	6.5

SOLAR FLARES

Date	Time	Helio. Position		Imp.	Sunspot NO. and Type
		U. T.	Latitude		
7	1h54m		N 3- 7	W 9- 7	1b N4034 D

- * Type
- 1 Active
 - 2 Eruptive
 - 3 Sunspot
 - 4 Tornado
 - 5 Quiescent
 - 6 Coronal

PROMINENCE (Mar. 1980)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1		-	-	-	-	-	
2	0h56m	7	3	13	4	27	
3		-	-	-	-	-	
4		-	-	-	-	-	
5		-	-	-	-	-	
6	2:31	5	3	2	3	13	
7		-	-	-	-	-	
8	3:21	6	3	7	1	17	
9		-	-	-	-	-	
10	2:30	3	3	3	2	11	
11	3:45	3	4	4	2	13	
12	1:43	3	3	4	3	13	
13	3:06	0	2	2	2	6	
14		-	-	-	-	-	
15	2:59	3	3	5	2	13	
16	5:17	2	2	3	4	11	
17		-	-	-	-	-	
18	1:27	2	2	2	2	8	
19	3:36	3	2	4	3	12	
20	2:25	7	3	3	3	16	
21	2:19	6	3	4	5	18	
22		-	-	-	-	-	
23	3:15	2	6	3	3	14	
24	4:02	3	2	0	0	5	*
25		-	-	-	-	-	
26		-	-	-	-	-	
27	2:39	3	4	3	2	12	
28	0:20	5	3	5	3	16	
29	3:27	3	2	6	3	14	
30	5:14	4	4	4	4	16	
31		-	-	-	-	-	
Sum		70	57	77	51	255	
		127		128			
Mean		6.7		6.7		13.4	

Days 19 * -- Contrast is bad

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

PRINCIPAL PROMINENCE (Mar. 1980)

Date	Time	Type	Latitude	Altitude (ten thousand Km)
	U. T.	1 - 6		
2	0h56m	2	S59-61W	8.7
8	3:21	4	N 30 E	5.2
10	2:30	2	N66-72E	7.6
10	2:30	2	S59-62W	5.8
11	3:45	2	N67-71E	10.1
11	3:45	2	S58-61W	5.6
12	1:43	2	S 4-8 E	6.4
13	3:06	2	S27-31W	7.4
13	3:06	2	S32-35W	5.7
16	5:17	2	S41-46W	5.1
20	2:25	5	S64-78W	6.7
27	2:39	2	S28-39E	7.5
28	0:20	2	N75-77W	5.5
28	0:20	2	S27-35E	7.6
28	0:20	2	S37-42E	5.5
28	0:20	6	S11-14W	5.7
29	3:27	1	S+2-11W	5.6

SOLAR FLARES

Date	Time	Helio.	Position	Imp.	Group NO. and Type
	U. T.	Latitude	Mer. Dist		
2	0h56	N 0-3	E16-23	2f	N4049 C
2	0:56	S 8-9	W50-49	Sf	S3282 J

PROMINENCE (Apr. 1980)

Date	Time	N		S		Total	Rem.
		E.	W	E.	W		
1		-	-	-	-	-	
2	1h50m	3	3	9	2	17	
3	-- 22	1	6	6	5	18	
4	1:16	5	4	8	3	20	
5		-	-	-	-	-	
6		-	-	-	-	-	
7	5:19	1	2	7	2	12	
8	1:59	2	4	6	3	15	
9		-	-	-	-	-	
10	2:56	4	3	4	2	13	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:41	4	1	1	1	7	*
18	2:55	4	2	2	2	10	
19	3:25	0	4	4	3	11	
20		-	-	-	-	-	
21	4:02	2	4	5	5	16	
22	3:43	4	2	7	5	18	
23	5:09	3	2	2	2	9	
24	3:24	1	2	1	0	4	*
25	3:12	2	2	3	4	11	
26	3:01	4	1	3	4	12	
27		-	-	-	-	-	
28	0:03	1	2	3	3	9	
29	1:34	1	3	2	2	8	
30		-	-	-	-	-	
Sum		42	47	73	48	210	
		89		121			
Mean		5.2		7.1		12.4	

Days 17 . . * - Contrast is bad

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

PRINCIPAL PROMINENCE Apr. 1980

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
3	22m	2	S 1-6 E	5.4
7	5:19	2	N65-73E	6.5
7	5:19	4	S62-63E	9.3
8	1:59	5	N66-76E	5.6
8	1:59	4	S 62 E	6.4
8	1:59	4	S 15 W	5.4
10	2:56	5	N65-79E	7.3
10	2:56	6	S57-61E	8.3
10	2:56	5	S22-29W	5.4
17	3:41	3	N25-26W	16.4
22	3:43	6	N14-17W	5.7
25	3:12	6	S55-57W	5.8
26	3:01	2	S56-57W	6.8

SOLAR FLARES

Date	Time	Helio. Position		Imp.	Group NO. and Type
		Latitude	Mer. Dist		
4	1h16m	N15-16	W66-65	Sb	N4071
4	1:16	N17-18	W59-57	Sb	-
4	1:16	N26-31	W26-22	ln	N4074
29	1:34	S10-11	W67-66	Sb	S3333

PROMINENCE (May 1980)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1	0h10m	4	6	7	4	21	
2	3:33	1	9	5	5	20	
3	1:30	1	4	7	2	14	
4	0:14	1	4	4	5	14	
5		-	-	-	-	-	
6	4:03	1	3	5	7	16	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11	- 56	1	6	10	8	25	
12	4:02	1	3	0	5	9	*
13		-	-	-	-	-	
14	4:29	1	3	9	5	18	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	2:09	2	4	5	2	13	
23		-	-	-	-	-	
24	2:16	2	4	3	3	12	
25		-	-	-	-	-	
26		-	-	-	-	-	
27	4:05	2	3	5	3	13	
28		-	-	-	-	-	
29		-	-	-	-	-	
30		-	-	-	-	-	
31		-	-	-	-	-	
Sum		17	49	60	49	175	
		66		109			
Mean		6.9		9.9		15.9	

Days 11 * - Contrast is bad

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

PRINCIPAL PROMINENCE (May 1980)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
2	3h33m	4	N31-32W	5.8
2	3:33	4	N19-20W	5.6
3	1:30	2	S50-52E	5.1
3	1:30	4	S 36 E	5.5
3	1:30	6	S27-29E	5.0
6	4:03	2	S48-50E	6.5
11	- 56	2	N64-71W	6.0
12	4:02	2	N 8-13W	5.2
12	4:02	6	S17-21W	8.3
22	2:09	2	N71-74E	5.4
24	2:16	5	N67-76E	5.0
24	2:16	4	N 19 W	8.5
24	2:16	5	S33-49E	5.4
27	4:05	2	N41-45W	7.2
27	4:05	6	N11-16W	5.8
27	4:05	2	S67-69E	11.3

- * Type
- 1 Active
 - 2 Eruptive
 - 3 Sunspot
 - 4 Tornado
 - 5 Quiescent
 - 6 Coronal

PROMINENCE (June 1980)

Date	Time	N		S		Total	Rem.
		U.	T.	E	W		
1		-	-	-	-	-	
2	- 26m	3	2	5	2	12	
3	3h44m	1	2	2	1	6	
4	2:35	2	4	3	2	11	
5	0:13	2	5	1	1	9	
6	0:08	2	6	3	3	14	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12	4:31	2	6	5	3	16	
13		-	-	-	-	-	
14	4:20	3	2	0	2	7	*
15		-	-	-	-	-	
16	3:52	5	2	2	9	18	
17		-	-	-	-	-	
18		-	-	-	-	-	
19	0:17	3	3	3	0	9	
20		-	-	-	-	-	
21		-	-	-	-	-	
22		-	-	-	-	-	
23		-	-	-	-	-	
24	0:24	3	2	3	3	11	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28	0:14	7	2	3	4	16	
29		-	-	-	-	-	
30	2:04	0	1	2	3	6	*
Sum		33	37	32	33	135	
			70		65		
Mean			5.8		5.4	11.3	

Days 12 * - Contrast is bad

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

PRINCIPAL PROMINENCE (June 1980)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
2	- 26m	2	N73-77W	6.2
3	3h44m	5	N27-41W	5.6
4	2:35	1	N 9-15W	8.4
4	2:35	2	N35-40W	5.2
5	0:13	2	N 9-12W	7.0
5	0:13	2	N40-43W	5.8
14	5:20	2	S49-52W	9.3
14	5:20	2	N21-24W	5.6
16	3:52	6	S 25 W	9.2
16	3:52	6	S40-45W	6.5
16	3:52	6	S46-51W	8.3
19	0:17	2	N 8-11E	5.0
19	0:17	4	S 49 E	5.6
24	0:24	1	S17-25W	5.9
24	0:24	2	S26-31W	5.8
25	1:33	6	S17-22W	9.3
28	0:14	2	N 5-8 E	5.0
30	2:04	2	S65-68W	5.6

SOLAR FLARES

Date	Time	Helio. Position		Imp.	Group NO. and Type
		U. T.	Latitude		
24	0h24m		S10-14	E40-44	1f S3406 C

PROMINENCE (July 1980)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	0h03m	0	5	3	2	10	*
2		-	-	-	-	-	
3	1:19	1	4	2	1	8	
4	1:08	4	2	2	4	12	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17	3:24	2	4	2	2	10	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	0:56	5	3	1	4	13	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	0:06	0	4	1	2	7	
26	1:50	3	2	3	6	14	
27	0:23	1	1	3	4	9	
28	0:24	2	3	5	6	16	
29		-	-	-	-	-	
30		-	-	-	-	-	
31	0:37	2	1	2	4	9	
Sum		20	29	24	35	108	
		49		59			
Mean		4.9		5.9		10.8	

Days 10 * - Contrast is bad

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

PRINCIPAL PROMINENCE (Jul. 1980)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
1	0h03m	4	S 30 - W	5.0
2	1:19	2	S25-28E	7.4
4	1:08	2	S28-30E	5.5
4	1:08	6	S17-19W	10.0
4	1:08	3	S21-23W	5.6
17	3:24	6	N19-22E	9.8
17	3:24	4	N 42 W	5.6
17	3:24	5	S68-76E	5.4
17	3:24	2	S24-27W	5.5
22	0:56	5	N42-50E	5.0
22	0:56	2	S40-45E	5.6
25	0:06	2	N70-74W	6.4
25	0:06	2	S49-59W	5.0
25	0:06	6	N-1- 3W	5.0
27	0:23	3	S18-29W	6.5

* Type

1	Active
2	Eruptive
3	Sunspot
4	Tornado
5	Quiescent
6	Coronal

PROMINENCE (Aug. 1980)

Date	Time	N		S		Total	Rem
		E	W	E	W		
1	3h10m	2	2	2	7	13	
2	2:09	1	4	3	4	12	
3		-	-	-	-	-	
4		-	-	-	-	-	
5	0:28	4	2	2	4	12	
6	3:15	2	3	7	3	15	
7		-	-	-	-	-	
8		-	-	-	-	-	
9	2:39	3	5	4	6	18	
10		-	-	-	-	-	
11	2:35	1	2	3	3	9	*
12	2:52	2	3	2	6	13	*
13	3:17	1	2	7	4	14	
14		-	-	-	-	-	
15		-	-	-	-	-	
16		-	-	-	-	-	
17		-	-	-	-	-	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22		-	-	-	-	-	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	1:13	4	3	6	8	21	
26		-	-	-	-	-	
27	3:55	3	3	3	3	12	
28	0:07	1	4	2	2	9	*
29		-	-	-	-	-	
30		-	-	-	-	-	
31		-	-	-	-	-	
Sum		24	33	41	50	148	
			57		91		
Mean			5.2		8.3	13.5	

Days 11 * - Contrast is bad

Scm Prominencescope
H-alpha 6563A (Hbw. 4.0A)

PRINCIPAL PROMINENCE (Aug. 1980)

Date	Time U. T.	Type 1 - 6	Latitude	Altitude (ten thousand Km)
1	3h10m	1	S20-31W	5.8
2	2:09	1	S16-26W	7.9
2	2:09	1	S33-47W	6.4
6	3:15	1	S13-28W	5.0
25	1:13	2	N13-17E	5.0
25	1:13	2	N 0- 8E	6.9
25	1:13	6	S38-44E	6.5
27	3:55	1	N33-40W	5.6
27	3:55	5	S46-51E	6.4
27	3:55	2	S82-84E	6.5
27	3:55	4	S 11 W	6.8
27	3:55	2	S70-71W	5.0

PROMINENCE (Sept. 1980)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1	4h09m	3	3	1	4	11	
2	1:17	2	5	3	4	14	
3	1:27	3	6	4	6	19	
4	2:36	2	6	6	3	17	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8		-	-	-	-	-	
9		-	-	-	-	-	
10		-	-	-	-	-	
11	3:09	4	5	1	2	12	
12	3:41	2	4	1	3	10	
13	3:57	3	2	2	4	11	
14	2:00	5	3	2	3	13	
15	2:24	8	4	5	3	20	
16	4:37	8	5	6	5	24	
17	4:12	4	5	4	3	16	
18		-	-	-	-	-	
19	4:50	6	5	4	6	21	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	4:50	6	2	6	6	20	
23		-	-	-	-	-	
24		-	-	-	-	-	
25		-	-	-	-	-	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29		-	-	-	-	-	
30	4:02	3	5	5	5	18	
Sum		59	60	50	57	226	
		119		107			
Mean		8.5		7.6		16.1	

Days 14

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

PRINCIPAL PROMINENCE (Sept. 1930)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	4h09m	2	N26-29E	5.6
1	4:09	2	N25-29W	5.2
1	4:09	5	S66-72W	5.8
2	1:47	2	N11-13W	5.6
3	1:27	2	N24-28W	5.6
3	1:27	2	S71-76W	7.0
4	2:36	5	N46-51W	5.1
4	2:36	6	N24-27W	9.3
4	2:36	2	S70-75W	6.3
11	3:09	2	N69-75E	5.2
12	3:41	5	N27-35E	5.3
12	3:41	4	N 24 W	7.1
12	3:41	5	S11-22E	6.7
13	3:57	2	N68-70E	5.0
17	4:12	2	N70-73E	6.4
17	4:12	2	S 9-10W	5.0
15	2:24	2	N71-76E	5.6
16	4:37	2	N71-72E	5.4
16	4:37	5	S 8-13E	5.4
22	4:50	6	N37-41W	7.4
30	4:02	2	S 0-9 E	7.4

- * Type
- 1 Active
 - 2 Eruptive
 - 3 Sunspot
 - 4 Tornado
 - 5 Quiescent
 - 6 Coronal

PROMINENCE (Oct. 1980)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1	1h15m	1	5	10	4	20	
2	3:27	2	3	3	4	12	
3	3:42	5	4	2	6	17	
4	0:26	6	4	1	5	16	
5		-	-	-	-	-	
6		-	-	-	-	-	
7		-	-	-	-	-	
8	0:01	2	4	6	6	18	
9		-	-	-	-	-	
10		-	-	-	-	-	
11		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	3:58	4	1	4	6	15	
16		-	-	-	-	-	
17	3:01	3	4	3	5	15	
18		-	-	-	-	-	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	3:01	3	4	3	4	14	
23	3:24	4	2	7	3	16	
24		-	-	-	-	-	
25		-	-	-	-	-	
26	2:10	8	7	2	6	23	
27	4:39	8	3	0	3	14	
28	3:59	6	6	3	3	18	
29	4:35	5	4	2	3	14	
30	1:27	6	6	2	4	18	
31	3:42	2	5	2	5	14	
Sum		65	62	50	67	244	
		127		117			
Mean		8.5		7.8		16.3	

Days 15

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

PRINCIPAL PROMINENCE (Oct. 1980)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
3	3h42m	2	N 1- 4W	6.4
3	3:42	6	S10-16W	6.6
4	0:26	5	N29-40E	5.1
4	0:26	2	S28-31E	5.5
4	0:26	1	S15-23W	5.4
4	0:26	2	S 8-13W	6.5
15	3:58	2	S30-33E	5.7
17	3:01	3	N12-14W	9.2
17	3:01	5	S66-77W	5.0
22	3:01	2	N41-49E	5.5
22	3:01	6	S48-49W	9.3
22	3:01	6	N 14 W	5.1
23	3:24	6	S25-26W	5.9
26	2:10	2	N11-16E	5.4
26	2:10	2	N 6- 8E	8.4
26	2:10	4	N 44 W	6.6
27	4:39	2	N 5- 7E	7.8
27	4:39	6	N46-51W	9.8
28	3:59	2	N 3- 6E	6.5
28	3:59	2	N24-26W	5.5
29	4:35	3	N 3- 4E	5.8
29	4:35	3	N 6-15E	5.6
29	4:35	2	N23-27W	8.4
29	4:35	2	S54-56E	5.8
30	1:27	3	N10-12E	14.8
30	1:27	2	N25-26W	6.6
30	1:27	2	N17-22W	5.8
30	1:27	6	S10-12W	6.5
31	3:42	1	N16-23E	5.5
31	3:42	2	N35-36W	5.6

* Type

- 1 Active
- 2 Eruptive
- 3 Sunspot
- 4 Tornado
- 5 Quiescent
- 6 Coronal

PROMINENCE (Nov. 1980)

Date	Time U. T.	N		S		Total	Rem.
		E	W	E	W		
1	1h19m	4	4	4	6	18	
2		-	-	-	-	-	
3	2:48	7	3	6	3	19	
4		-	-	-	-	-	
5	3:31	4	2	8	7	21	
6	4:23	7	3	5	5	20	Flare
7		-	-	-	-	-	
8	3:01	6	7	3	2	18	
9	0:50	5	6	5	1	17	
10		-	-	-	-	-	
11	1:10	2	8	3	0	13	
12	4:25	4	7	5	8	24	
13	4:53	4	2	2	5	13	
14	1:35	3	3	1	4	11	
15	1:30	4	4	3	2	13	
16		-	-	-	-	-	
17		-	-	-	-	-	
18	1:55	4	3	4	4	15	
19	3:59	5	5	4	3	17	
20	1:25	5	6	7	0	18	
21		-	-	-	-	-	
22		-	-	-	-	-	
23	2:40	4	7	3	5	19	
24	3:45	5	3	3	2	13	
25		-	-	-	-	-	
26	3:52	2	5	3	4	14	
27	0:44	2	5	0	4	11	
28		-	-	-	-	-	
29	3:46	7	5	3	3	18	
30		-	-	-	-	-	
Sum		84	88	72	68	312	
		172		140			
Mean			9.1		7.4	16.4	

Days 19

8cm Prominencescope

H-alpha 6563A(Hbw. 4.0A)

PRINCIPAL PROMINENCE (Nov. 1980)

Date	Time U. T.	Type 1 - 6	Latitude		Altitude (ten thousand Km)
1	1h19m	3	N 8-	9E	5.6
3	2:48	2	S36-	40E	7.3
6	4:23	4	S 71	E	5.6
8	3:01	2	N 7-	10E	7.3
9	0:50	2	N31-	37E	5.2
9	0:50	2	N 6-	11W	5.7
12	4:25	6	N 0-	1E	5.6
12	4:25	6	N15-	19W	5.8
15	1:30	2	N75-	77E	5.1
19	3:59	5	N 8-	38W	6.0
19	3:59	6	S+3-	14E	6.9
20	1:25	5	N 8-	40W	6.5
20	1:25	6	S10-	19E	7.4
23	2:40	1	N 0-	14E	11.1
23	2:40	2	N23-	25E	7.7
23	2:40	1	N28-	37W	6.4
23	2:40	2	S10-	12W	6.4
24	3:45	1	N 0-	12E	7.0
24	3:45	6	N16-	25E	6.6
29	3:46	5	N81E-	80W	5.0

SOLAR FLARES

Date	Time U. T.	Helio. Position		Imp.	Group NO. and Type
		Latitude	Mer. Dist.		
6	4h23m	S11-14	E71-75	1n	S3521

PROMINENCE (Dec. 1980)

Date	Time	N		S		Total	Rem.
		E	W	E	W		
1	5h14m	5	2	2	6	15	
2		-	-	-	-	-	
3	1:50	5	2	1	5	13	
4		-	-	-	-	-	
5	3:23	2	3	3	4	12	
6	2:17	2	6	4	3	15	
7	4:17	2	4	4	2	12	
8	3:09	3	7	2	3	15	
9	2:01	2	5	3	3	13	
10	2:32	0	4	2	4	10	
11	4:38	4	5	4	2	15	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
15	5:02	-	-	-	-	-	*
16	4:51	4	1	3	2	10	
17	2:53	3	4	7	3	17	
18	3:13	4	3	5	2	14	
19		-	-	-	-	-	
20		-	-	-	-	-	
21		-	-	-	-	-	
22	4:03	1	4	3	2	10	
23		-	-	-	-	-	
24		-	-	-	-	-	
25	1:45	2	3	4	1	10	
26		-	-	-	-	-	
27		-	-	-	-	-	
28		-	-	-	-	-	
29	2:21	3	1	4	3	11	
30	4:59	2	3	1	3	9	
31	1:13	3	2	2	3	10	
Sum		47	59	54	51	211	
		106		105			
Mean		6.2		6.2		12.4	

Days 17

* - Contrast is bad

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

PRINCIPAL PROMINENCE (Dec. 1980)

Date	Time	Type	Latitude	Altitude
	U. T.	1 - 6		(ten thousand Km)
1	5h14m	4	N 26 E	10.9
1	5:14	2	N79-81W	7.3
3	1:50	6	N10-11E	11.1
3	1:50	2	N85-86E	5.0
5	3:23	2	N-1- 5E	7.6
5	3:23	4	S 38 W	5.6
6	2:17	2	S46-52E	5.8
6	2:17	4	S37-38W	5.1
7	4:17	2	N 6-7 W	9.8
7	4:17	2	S48-51E	11.4
8	3:09	6	N 6-8 W	9.7
9	2:01	2	N 6-15W	8.4
9	2:01	2	S34-37E	5.8
15	5:02	5	S66-80E	5.2
16	4:51	5	N45-55E	5.0
17	2:53	6	N49-50W	6.0
17	2:53	4	N 40 W	5.0
18	3:13	6	N-2- 7E	5.5
18	3:13	2	S68-76E	7.3
22	4:03	4	S31-32E	5.5
22	4:03	5	S68-73E	5.8
25	1:45	2	N39-41E	5.2
25	1:45	5	S70-83W	7.1
29	2:21	2	S72-76W	6.5
30	4:59	2	S26-33W	5.5
31	1:13	1	N28-39W	7.1
31	1:13	2	S 3-4 W	7.2
31	1:13	5	S71-75W	5.0

* Type 1 Active
 2 Eruptive
 3 Sunspot
 4 Tornado
 5 Quiescent
 6 Coronal