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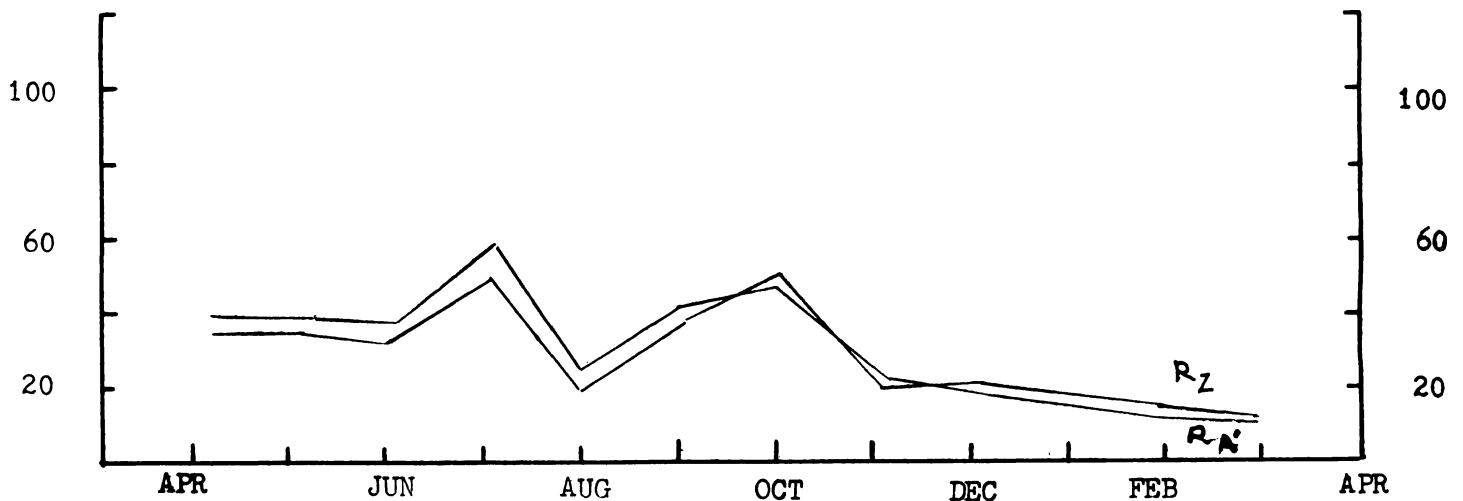
MARCH 1975

SOLAR ACTIVITY FOR MARCH

Sunspot activity continued its slow down-ward trend. The mean of the American sunspot numbers dropped slightly to 10.3 from 11.2 the previous month. March began with the sun spotless, but late on the first spots formed to begin a period of activity that ended early on the twenty-first and was followed by a comparatively spotless period through the end of the month. A small spot that appeared on the 30th was only about one degree south of the sun's equator. No new-cycle groups were observed in March.

Three small ionospheric disturbances were recorded around the time of highest sunspot numbers on the sixteenth. Recordings of events on the thirteenth and sixteenth are reproduced on page 2. All three events were small and detected by few of the thirteen SID observers reporting this month. The enhancement of the 34.5 signal on the thirteenth does show quite large from three different locations but most other frequencies and paths were rather insensitive as often happens. A-37 in particular has high sensitivity quite consistent using the 34.5 signal, a tribute to the particular receiver design he is using.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN (R_A) AND ZURICH

(R_Z) RELATIVE SUNPOT

NUMBERS FOR MARCH 1975

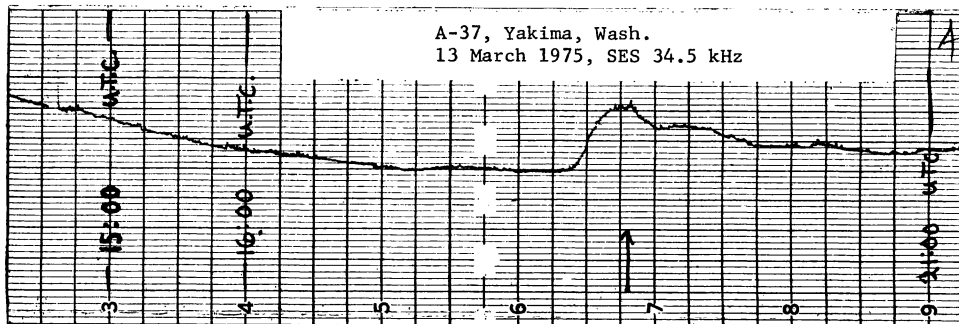
Day	R _A	R _Z
1	5	0
2	13	7
3	13	14
4	11	11
5	21	14
6	9	14
7	8	7
8	16	18
9	20	19
10	16	20
11	15	20
12	14	15
13	16	15
14	15	17
15	20	18
16	29	30
17	27	30
18	20	24
19	15	20
20	8	16
21	1	9
22	0	0
23	0	0
24	0	0
25	0	0
26	2	13
27	1	7
28	0	0
29	0	0
30	3	7
31	2	8
Means	10.3	12.0

SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING MARCH 1975

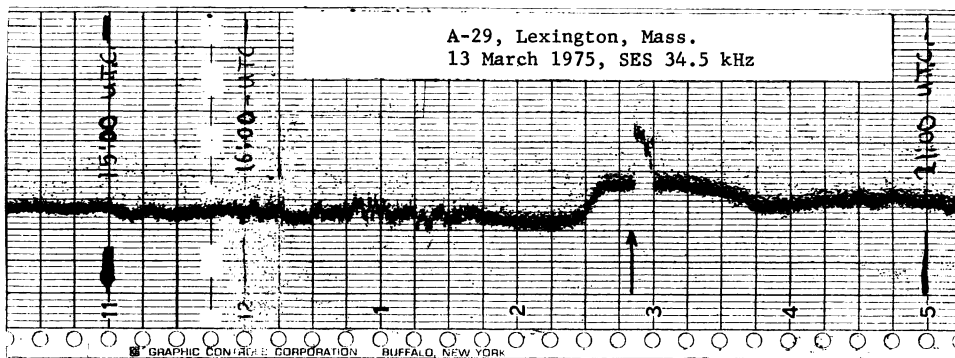
Day	Max.	SEA	SES	Def.	Observers
13	18:50	1	1+	3	A1,29,31,37,41
16	19:20		1-	4	A4,19,29,30,31,37
17	18:08		1	3	A30,31

Charts from the following observers were received and analyzed:

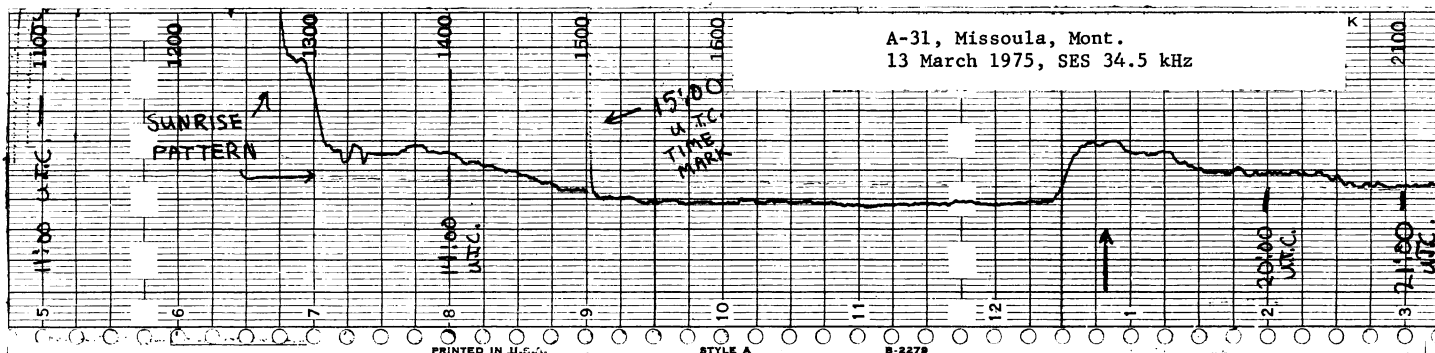
A- 1, 4, 19, 26, 28, 29, 30, 31, 32, 36, 37, 40, 41



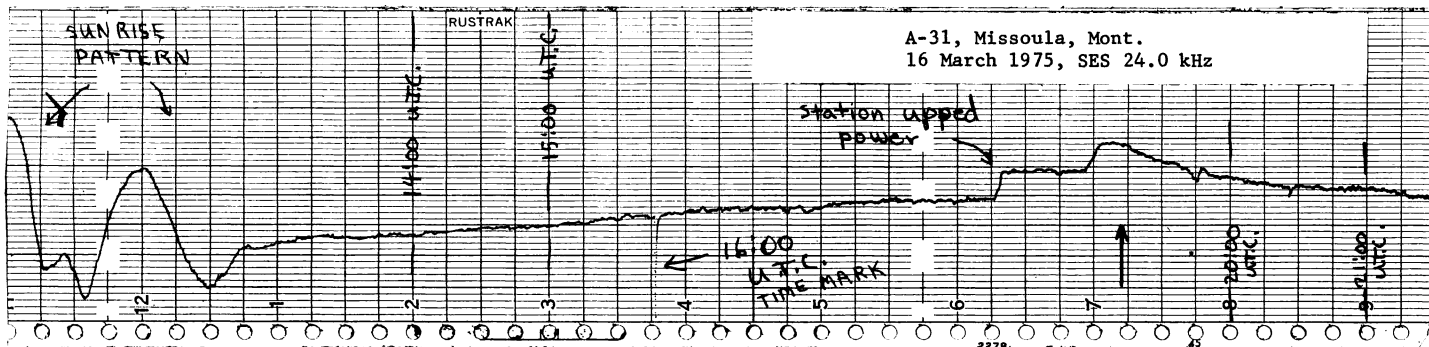
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