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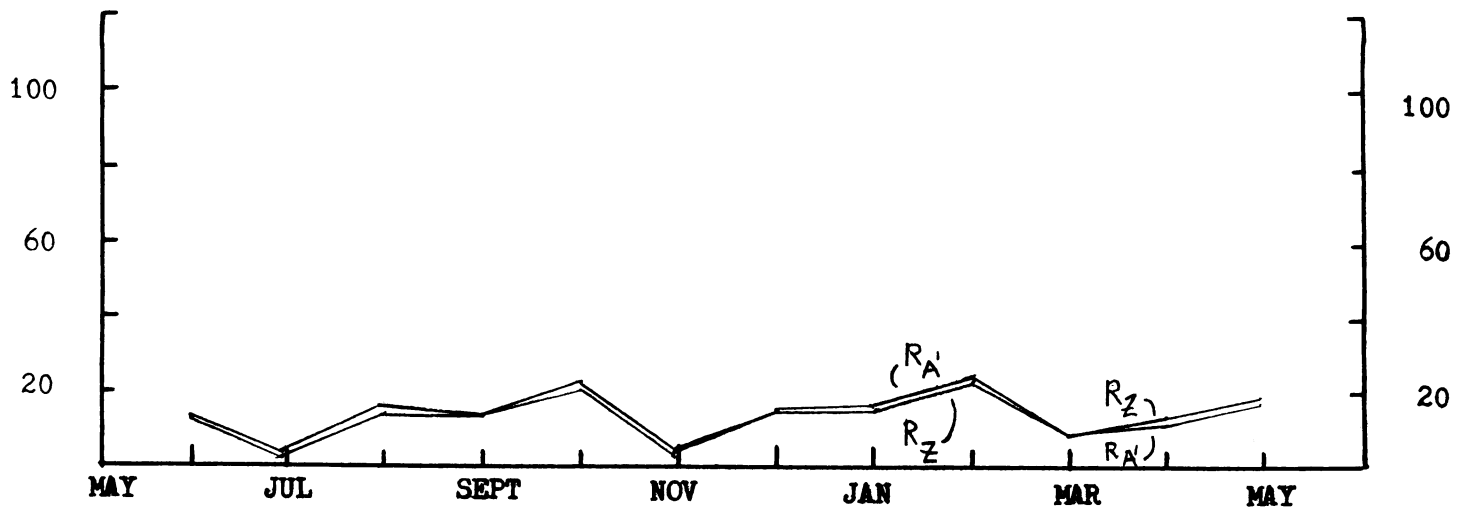
MAY 1977

SUNSPOT ACTIVITY DURING MAY

The mean of the American sunspot numbers rose to 16.0 from 10.7 in April and 8.0 in March. There was only one spotless day compared to four last month. Most of the groups seen in May were new-cycle.

Six ionospheric disturbances were found in the charts of eleven observers who sent charts for analysis this month. Three charts are reproduced on page two showing some of the events recorded during May. These charts were chosen to show differential sensitivities of paths and frequencies.

Recent Trend of relative sunspot numbers



American (R_A) and Zurich

SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING MAY 1977

(R_Z) relative sunspot numbers

May 1977		
Day	R_A	R_Z
1	14	15
2	11	14
3	21	22
4	21	23
5	19	16
6	13	16
7	11	12
8	13	19
9	19	25
10	28	29
11	35	34
12	41	35
13	28	26
14	27	33
15	19	26
16	23	21
17	16	20
18	6	12
19	0	0
20	9	11
21	11	14
22	2	7
23	3	7
24	1	7
25	2	0
26	5	7
27	5	13
28	9	16
29	17	20
30	29	30
31	37	40
Means	16.0	18.4

Day	Max.	SEA	SES	Def.	Observers
3	1458	1-	1	5	A-1,19,26,31,34,37
3	1622	1-	1-	4	A-1,19,26,31,34
3	1818		1+	5	A-1,19,31,34,37,40
3	2234		1-	5	A-1,19,30,31,34,37
4	1643		1-	4	A-31
4	1732		1-	4	A-31

Charts from the following observers were received and analyzed:

A-1, 19, 26, 30, 31, 32, 34, 36, 37, 40, 43

