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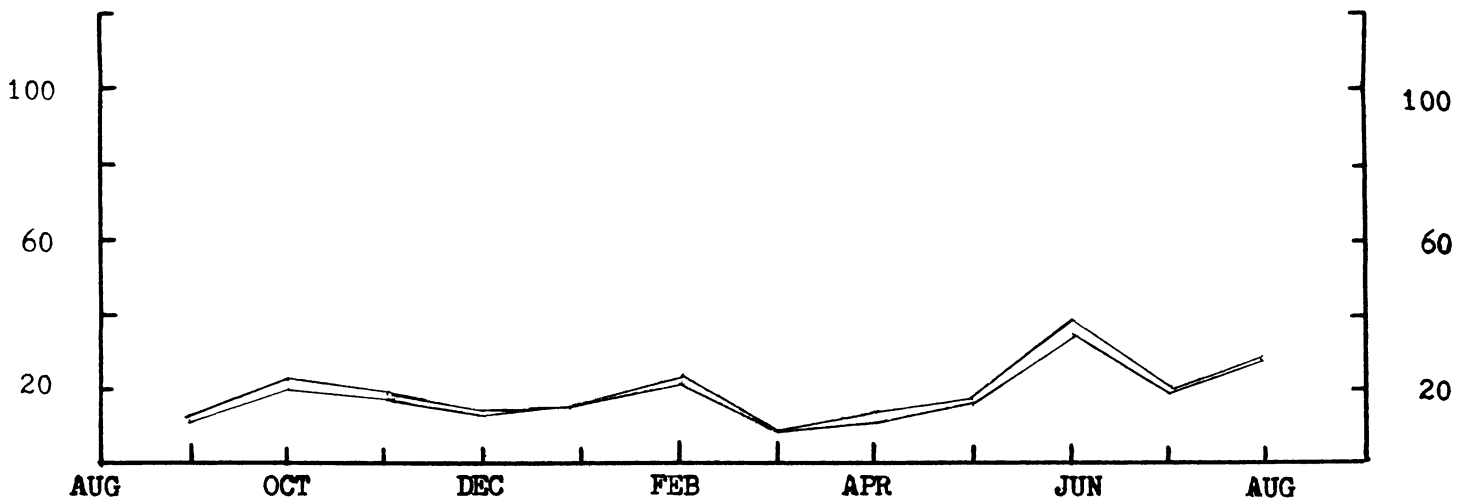
AUGUST 1977

SUNSPOT ACTIVITY FOR AUGUST

Sunspot activity maintained the higher level of recent months. The mean of the American Sunspot numbers rose to 27.6 from 18.3 in July. There were no spotless days. Much of the month's interesting activity was associated with an active group that developed to the east of a spot that rotated over the north-east limb on the third of August.

Four Ionospheric disturbances were recorded by the eleven observers who sent August charts for analysis. These were all associated with the interesting sunspot group mentioned above. One event occurred on the fourth, two on the fifth and one on the seventh. Charts made by observers Warshaw, Moore, Clarke, and Wingerter are reproduced on page two showing the interesting events of the fifth.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING AUGUST 1977

AMERICAN (R_A) AND ZURICH (R_Z)

RELATIVE SUNSPOT NUMBERS

FOR AUGUST 1977

DAY	R _A	R _Z
1	10	17
2	11	15
3	17	24
4	16	19
5	23	23
6	28	26
7	27	28
8	26	25
9	25	30
10	26	25
11	16	23
12	21	29
13	32	40
14	39	40
15	39	42
16	39	38
17	36	36
18	40	40
19	32	35
20	29	30
21	30	32
22	29	42
23	12	15
24	13	14
25	26	25
26	34	34
27	35	38
28	35	36
29	45	38
30	37	32
31	28	31
Mean	27.6	29.9

Day	Max.	SEA	SES	Def.	Observers
4	2110		1	4	A-1,31
5	1420	1	1+	5	A-1,26,31,37
5	1906	1	1+	5	A-1,26,30,31,34,37
7	1322	1+	1-	5	A-1,31

Charts from the following observers were received and analyzed:

A- 1, 19, 26, 28, 30, 31, 34, 36, 37, 40, 43

