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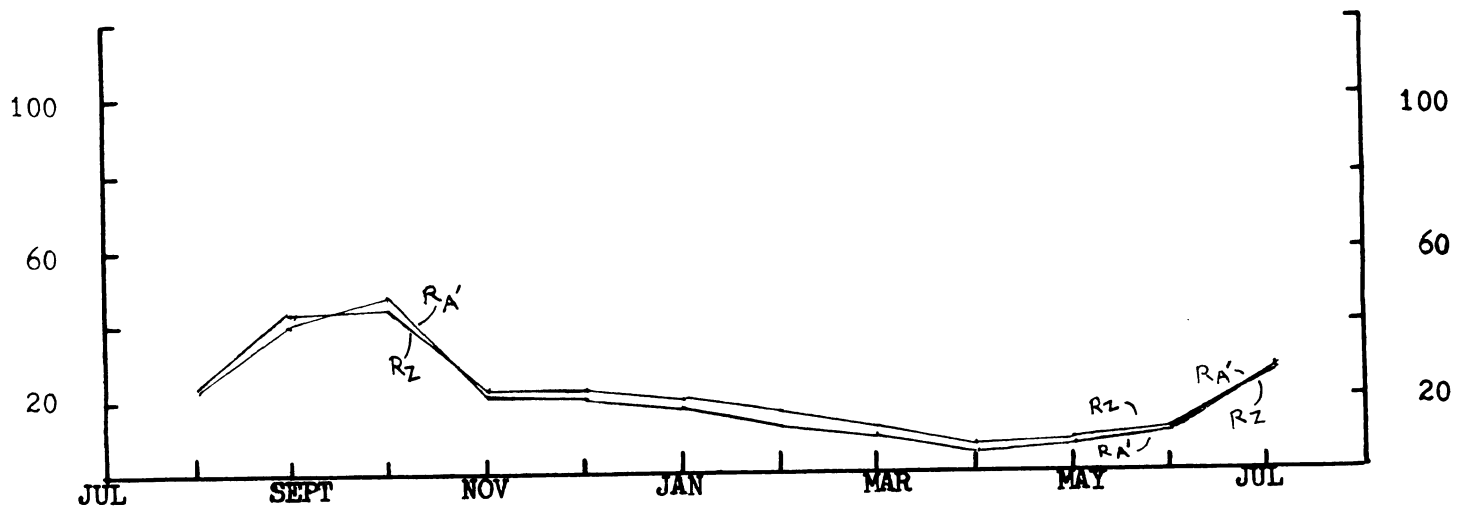
JULY 1975

SOLAR ACTIVITY DURING JULY

Sunspot Activity increased remarkably over the level of recent months. The monthly mean of the American sunspot numbers for July rose to 28.5 compared to 10.3 last month and a series of similar or smaller means back to the beginning of the year. There were no spotless days in July, the first such month since last November. All of this activity was old-cycle groups near the equator. There were apparently no new-cycle groups in July.

Despite numerous sunspots in July only two ionospheric Disturbances were recorded by A.A.V.S.O. observers and both of these were small. Four charts showing the Disturbance of the 13th are reproduced on page two. Eight of the ten observers reporting this month recorded this event and four recorded the smaller event.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING JULY, 1975

AMERICAN (R_A) And ZURICH

(R_Z) RELATIVE SUNSPOT

NUMBERS FOR JULY 1974

DAY	R _A	R _Z
1.	20	23
2.	14	18
3.	14	22
4.	13	22
5.	19	23
6.	36	33
7.	24	23
8.	20	19
9.	17	16
10.	24	23
11.	31	29
12.	34	33
13.	40	49
14.	46	44
15.	44	43
16.	37	39
17.	27	23
18.	18	18
19.	37	36
20.	31	26
21.	32	30
22.	24	27
23.	23	19
24.	30	30
25.	33	33
26.	29	30
27.	28	29
28.	26	26
29.	22	20
30.	34	27
31.	38	34
Means	28.5	28.3

Day	Max.	SEA	SES	Def.	Observers
13	16:24	1-	1	5	A19,26,29,30,31,34, 37,40
31	18:04	1-	1-	5	A26,31,34,40

Charts from the following observers were received and analyzed:

A- 4, 19, 26, 29, 30, 31, 32, 34, 37, 40

