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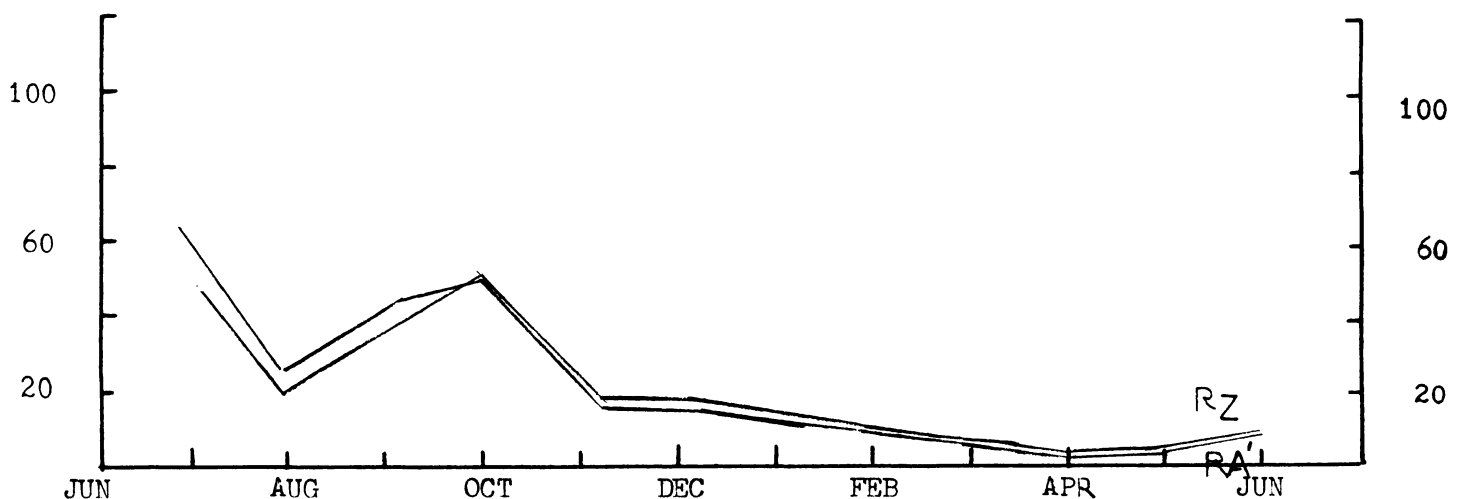
JUNE 1975

SOLAR ACTIVITY DURING JUNE

Sunspot activity increased somewhat during June. The Mean of the American Sunspot Numbers rose to - 10.3 from 7.3 last month and 4.0 in April. There were only seven spotless days compared to thirteen in May and 15 in April. Most of the activity took place at the end of the month with Relative Numbers rising to their highest point on the twenty-seventh! A large sunspot approaching the Central Meridian on the twenty-ninth and thirtieth was barely visible to the unaided eye if one knew where to look for it.

A single Ionospheric Disturbance occurred during June, reaching maximum at 19:24 UT on the 20th. This was the first disturbance in three months, the last one recorded by AAVSO observers having occurred at 18:08 UT on the seventeenth of March. Only a tiny Sunspot was visible at the time, but there is little doubt that the event was real due to its having been recorded by a sizeable fraction of the eleven observers sending in charts this month. It was also recorded on several frequencies which added to the certainty. Two recordings of this event are reproduced on page two.

RECENT TREND OF RELATIVE SUNPOT NUMBERS



AMERICAN (R _A)	AND	ZURICH (R _Z)	RELATIVE	SUNSPOT	NUMBERS,	JUNE 1975
DAY	R _A '	R _Z		DAY	R _A '	R _Z
1	9	7		16	16	19
2	10	11		17	14	17
3	8	8		18	11	12
4	8	7		19	13	16
5	9	7		20	3	0
6	3	7	MONTHLY MEANS	21	2	7
7	0	0		22	0	0
8	0	0	R _A ' = 10.3	23	11	12
9	0	0		24	19	20
10	0	0	R _Z = 11.4	25	24	24
11	4	9		26	30	33
12	2	0		27	34	38
13	0	0		28	31	36
14	0	0		29	24	23
15	6	8		30	18	22

SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING JUNE, 1975

Day	Max.	SEA	SES	Def.	Observers
20	19:24	1-	1-	4	A-19,30,31,34, 37,40

Charts from the following observers were received and analyzed:

A- 1, 4, 19, 26, 29, 30, 31, 32, 34, 37, 40

