

Solar Bulletin

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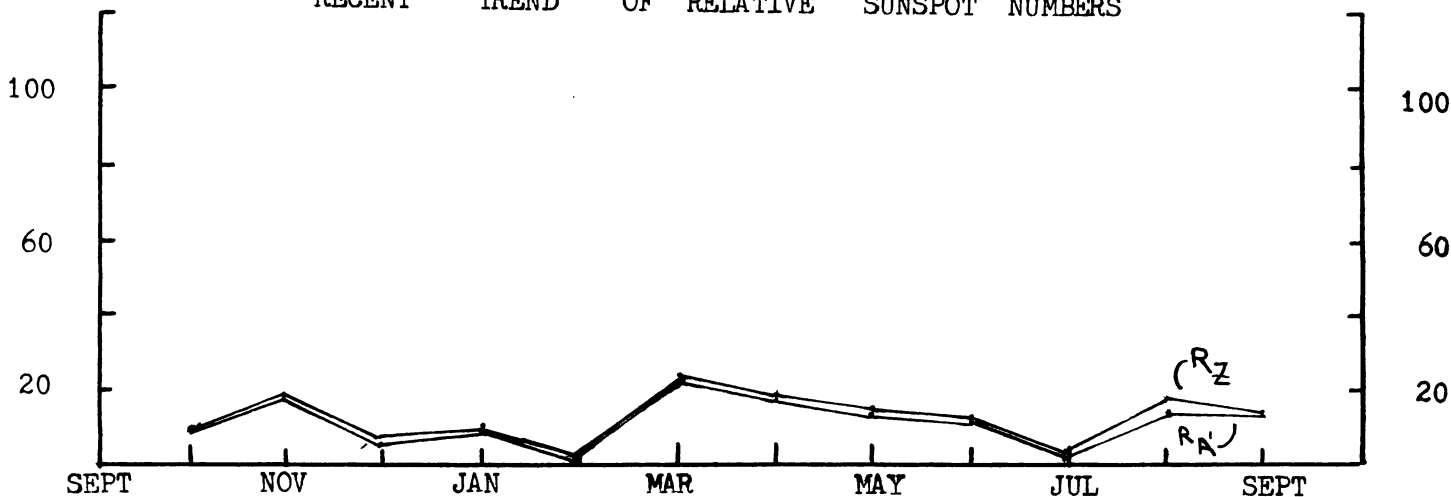
SEPTEMBER 1976

SUNSPOT ACTIVITY FOR SEPTEMBER

Sunspot activity remained at about the level of the previous month. The sun became spotless on the 20th and remained that way until late on the twenty-fourth. The month began with a spot near the east limb, which was a return of the spot that previously crossed the central meridian on the ninth of August. This same spot then reappeared at the east limb again late on the twenty-fourth to transit the disc for the third time, a rather unusual occurrence for the present phase of the solar cycle.

One ionospheric was recorded by A.A.V.S.O. observers during September. This reached maximum at 1833 UT on the seventeenth. Although several observers recorded it as both an SES and SEA, none of the charts were suitable for reproduction.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING SEPTEMBER, 1976

Day	Max.	SEA	SES	Def.	Observers
17	18:23	1	1	4	A-19,26,31,34

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Charts from the following observers were received and analyzed:

A- 1, 19, 26, 28, 29, 30, 31, 32, 34, 36, 37, 40, 42, 43

AMERICAN (R_A) AND ZURICH (R_Z) RELATIVE SUNSPOT NUMBERS
FOR SEPTEMBER 1976

DAY	R_A	R_Z		DAY	R_A	R_Z
1	21	17		16	10	14
2	22	20		17	9	8
3	13	12		18	9	8
4	10	11		19	7	7
5	15	17		20	0	0
			MEAN			
6	12	10	R_A 12.8	21	0	0
7	10	9	R_Z 13.4	22	0	0
8	9	9		23	1	7
9	17	18		24	1	7
10	9	22		25	12	16
11	6	24		26	19	17
12	18	20		27	20	18
13	17	12		28	20	18
14	10	10		29	20	25
15	11	16		30	26	31
