

OCT 27 1975

Solar Bulletin

Publisher:

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION
540 NORTH CENTRAL AVENUE
RAMSEY, NEW JERSEY, U.S.A.



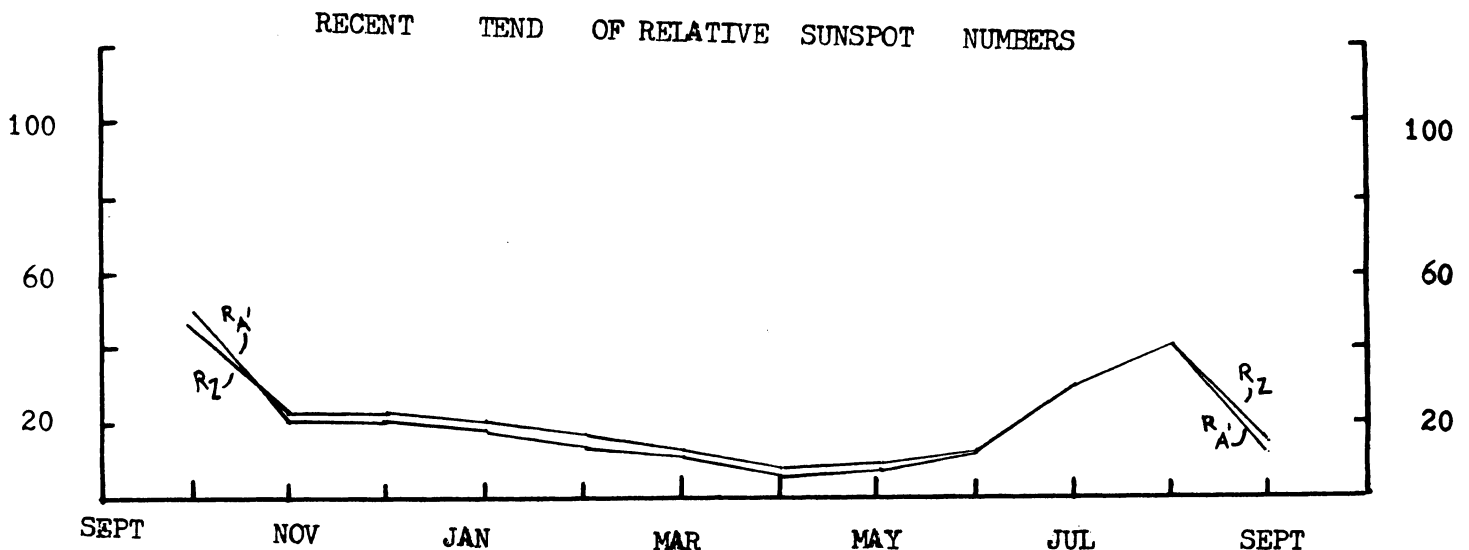
Volume 31 Number 9

SEPTEMBER 1975

SOLAR ACTIVITY DURING SEPTEMBER

After unexpected high means of 28.5 and 39.1 in July and August, the September mean of the American Sunspot Numbers fell to 11.9 which seems more appropriate for near-minimum phase of the solar cycle. The sun became spotless on the later part of the twenty-second and remained that way until the 30th when a group rotated over the northeast limb. This group at 32° north was later confirmed to be a new-cycle group by magnetic data.

There was only one ionospheric disturbance although of low intensity, was nevertheless clearly recorded by seven of the thirteen observers who reported this month. Four of their charts are reproduced on page two.



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING SEPTEMBER 1975

AMERICAN (R_{A1}) And ZURICH

Day 12 Max. 1633 SEA 1 SES 1 Def. 5 Observers A1,4,19,26,31,34,37

R_Z RELATIVE SUNSPOT

NUMBERS FOR SEPTEMBER 1975

DAY	R _{A1}	R _Z
1.	13	14
2.	12	16
3.	16	19
4.	28	29
5.	23	25
6.	24	24
7.	20	24
8.	14	23
9.	10	17
10.	9	10
11.	11	10
12.	12	16
13.	13	25
14.	11	17
15.	9	8
16.	14	14
17.	18	14
18.	14	18
19.	14	13
20.	25	30
21.	28	27
22.	9	23
23.	0	0
24.	0	0
25.	0	0
26.	0	0
27.	0	0
28.	0	0
29.	0	0
30.	4	7
Means	11.9	14.1

Charts from the following observers were received and analyzed:

A- 1, 4, 19, 26, 28, 29, 30, 31, 32, 34, 36, 37, 40

