

# Solar Bulletin

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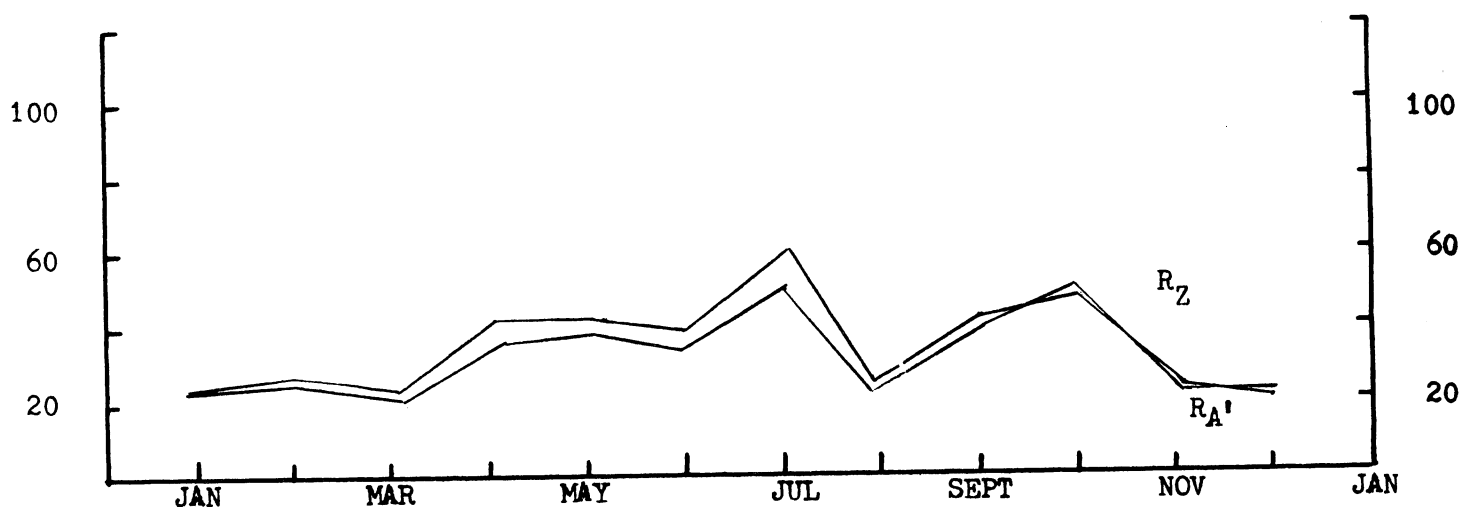
DECEMBER 1974

## SOLAR ACTIVITY FOR DECEMBER

Solar activity decreased from the level of last month. The Mean of the American Sunspot numbers fell slightly to 18.5 from 21.3 but there were no ionospheric disturbances recorded by A.A.V.S.O. observers. Enough sensitive equipment was in operation through out the month to make it seem unlikely that any disturbances were missed. This is the first month during which no disturbances were recorded since Feb. 1966.

The first two days of December found the Sun completely spotless. This was followed by five days of low sunspot activity and then two more spotless days on the 8th and 9th. Late on the 11th a spot rotated over the limb which was obviously a return of the large naked-eye spot of November. This time it was still visible to the unaided eye two days either side of its central meridian passage. Such a stable spot is very apt to last through another rotation.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN ( $R_A$ ) AND ZURICH

( $R_Z$ ) RELATIVE SUNSPOT

NUMBERS FOR DECEMBER 1974

DAY	$R_A$	$R_Z$
1.	0	0
2.	0	0
3.	1	9
4.	2	16
5.	12	17
6.	3	8
7.	1	7
8.	0	0
9.	0	0
10.	8	9
11.	16	21
12.	22	31
13.	38	35
14.	35	33
15.	33	33
16.	35	41
17.	36	36
18.	33	30
19.	35	40
20.	41	40
21.	45	46
22.	33	37
23.	25	28
24.	21	26
25.	9	9
26.	8	8
27.	7	8
28.	20	21
29.	19	16
30.	22	17
31.	<u>15</u>	<u>10</u>
MEANS	18.5	20.4