

# Solar Bulletin

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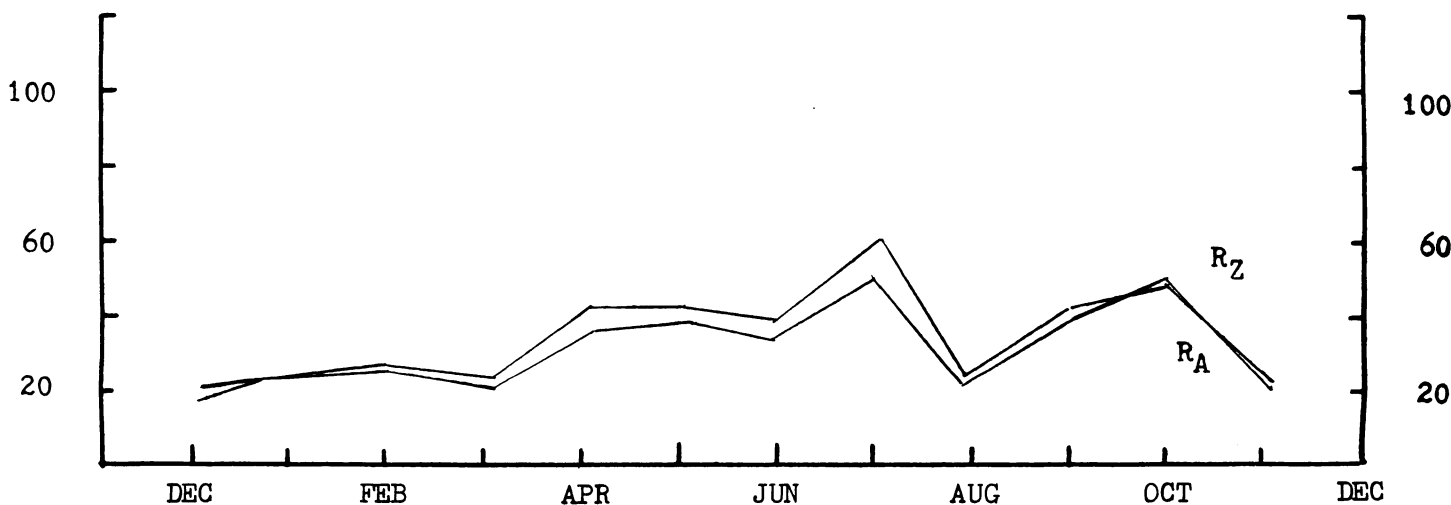
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## SOLAR ACTIVITY DURING NOVEMBER

Sunspot activity was down from the previous month. The mean of the American Sunspot number fell to 21.3, less than half the October mean. Although there were no completely spotless days during November, a short period of spotlessness started late on the 8th and lasted through part of the 9th. Spots seen in the NE on the second and third were an obvious return of a complex region seen on the central meridian on 11 October. By now this region was considerably subdued and failed to last out its disk passage this time.

Ionospheric activity was at a much lower level too. There were only five events recorded by twelve observers who reported this month compared to forty-one in October. A disturbance that reached maximum at 15 39 UT on the fifth was November's most intense event although not the most widely recorded. Four charts showing this event are reproduced on page two. Two of these were made by recording the new 21.4 MHz signal. A recording made in New Jersey shows enhancement of this signal, while the recording made in Ohio shows an inverted SES.



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING NOVEMBER 1974

AMERICAN (R<sub>A</sub>) And ZURICH

(R<sub>Z</sub>) RELATIVE SUNSPOT

NUMBERS FOR NOVEMBER 1974

DAY	R <sub>A</sub>	R <sub>Z</sub>
1.	21	16
2.	20	17
3.	36	39
4.	33	44
5.	30	34
6.	17	22
7.	17	26
8.	6	14
9.	4	7
10.	16	24
11.	24	24
12.	22	21
13.	15	15
14.	10	7
15.	10	16
16.	18	20
17.	18	20
18.	20	18
19.	35	34
20.	34	37
21.	40	37
22.	36	39
23.	41	46
24.	35	33
25.	20	28
26.	18	27
27.	21	27
28.	9	10
29.	7	7
30.	6	7
Means	21.3	23.9

Day	Max.	SEA	SES	Def.	Observers
3	17:44		1	5	A1,4,19,28,29,31,37
5	15:39		2+	5	A1,19,28,31,40,32
6	17:35		1	5	A1,4,19,29,31,37
6	18:35		1	5	A1,4,19,29,31,37
6	21:24		1-	5	A37

