

# Solar Bulletin

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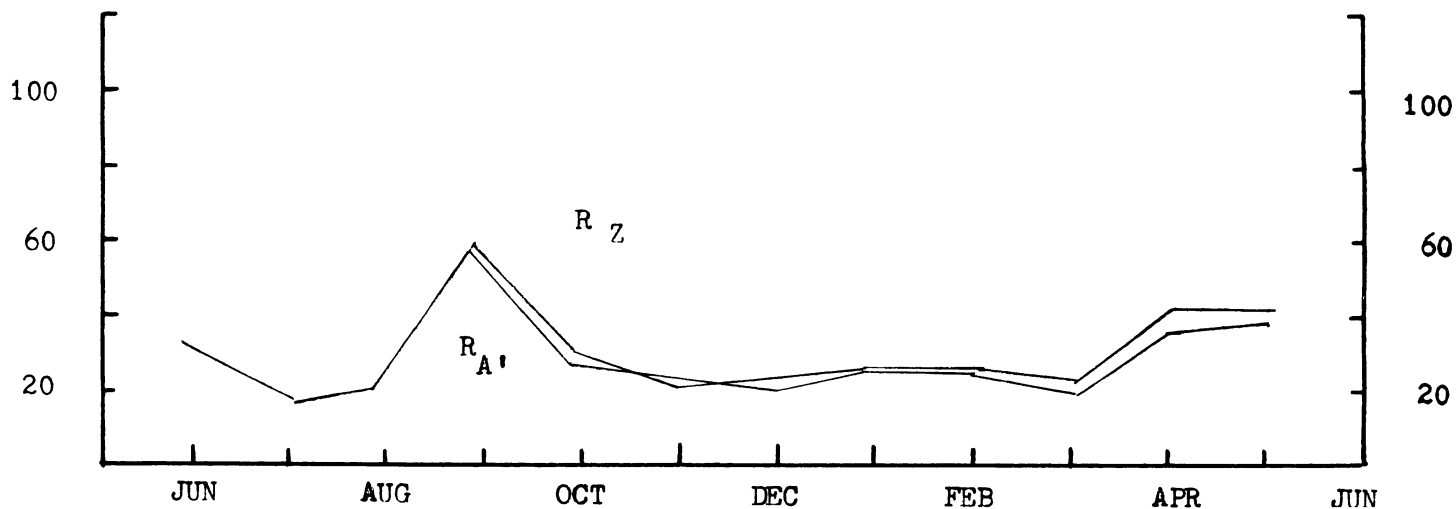
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## SOLAR ACTIVITY DURING MAY

Sunspot activity declined from the level of last month. A four-day period of spotlessness followed a flurry of activity earlier in the month. By 26 May obvious faculae in the southeast limb region heralded the return of the region that has produced so much activity during the past two rotations but it was not until the 30th that spots rotated over the limb in the very eastern part of the region. Although these turned out to be an interesting group, it hardly represents the kind of activity seen the previous two rotations.

Ionospheric disturbances were more in keeping with the level of recent months. Eleven separate disturbances were recorded by AAVSO observers which was far below the unexpectedly high level in April. Strip charts showing some of the disturbances are reproduced on page two. These charts for this month's Bulletin were selected by the AAVSO's new coordinator of indirect flare patrol activities, Prof. Robert Ammons, who also analyzed the charts this month and prepared the May report for NOAA. In the future, all SID observers should send their charts directly to Prof. Ammons whose address is 411 Keith Avenue, Missoula, Montana, 59801.

## RECENT TREND OF RELATIVE SUNSPOT NUMBERS



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING MAY 1974

AMERICAN (R<sub>A</sub>) AND ZURICH  
(R<sub>Z</sub>) RELATIVE SUNSPOT  
NUMBERS FOR MAY 1974

DAY	R <sub>A</sub>	R <sub>Z</sub>
1	49	48
2	69	70
3	85	89
4	103	103
5	93	106
6	92	113
7	98	109
8	82	106
9	81	91
10	70	69
11	55	64
12	37	56
13	23	40
14	22	35
15	17	24
16	11	16
17	9	8
18	0	0
19	0	0
20	0	0
21	0	0
22	5	7
23	5	9
24	2	7
25	5	0
26	22	20
27	19	18
28	29	32
29	14	20
30	10	0
31	31	52
Means	36.7	42.3

DAY MAX. SEA SES DEF. OBSERVERS

3	0215	1	4	A30,31
3	1929	2	5	A1,19,29,30,31,37
7	1250 1+	1-	2	A31,32
8	0025	2	5	A30,37
12	2152	1	5	A1,19,30,31,37
13	2136 1	2+	5	A1,19,30,31,32

DAY MAX. SEA SES DEF. OBSERVERS

27	1732	1	5	A19,30,31,37	
30	1703	1	1	5	A1,19,29,31,37
30	1839	1	1	5	A1,19,29,30,31,37
30	2256	1	1	4	A1,30,31,37
31	2154	2	1+	5	A1,29,30,31,37

