

# Solar Bulletin

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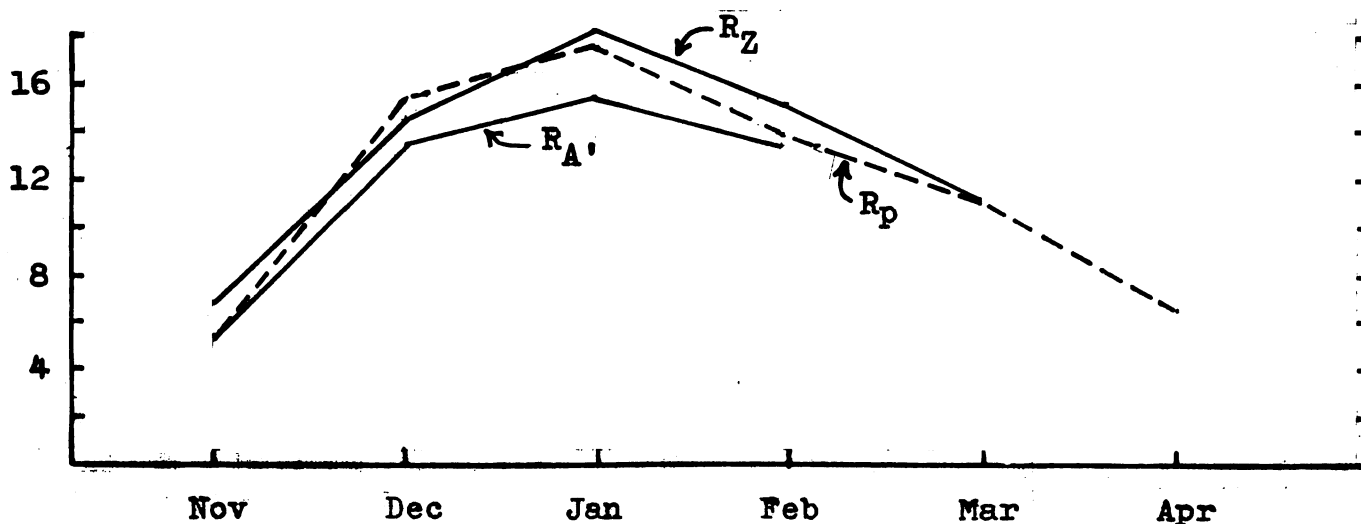
April 1965

## SOLAR ACTIVITY DURING APRIL

Ionospheric disturbances were reported by High Altitude Observatory in association with a small flare at 1453 UT on the 11th of April. A preliminary check of Solar Division observations shows a small SEA recorded at this time.

Sunspot activity continued to decline as it has for the past 3 months. The provisional sunspot number monthly mean dropped to 6.5 from 11.2 last month. The number of spotless days increased from 5 in March to 15 this month. Although 6 prominent sunspot groups were visible in March, only 3 were seen in April plus two faint short-lived groups on the 15th and 17th. After 10 spotless days a spot appeared at the east limb on the 11th and this group lasted through the 18th. Two more spotless days followed but then on the 21st a northern new-cycle group formed near the meridian. As this group faded from view on the 25th, another group formed south of it and lasted through the 28th. The sun was then spotless for the rest of April.

## RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN RELATIVE SUNSPOT NUMBER ( $R_A$ ) FOR FEBRUARY 1965

February mean = 13.3

1	13	11	21	21	0
2	12	12	22	22	0
3	13	13	22	23	0
4	11	14	22	24	4
5	10	15	24	25	14
6	17	16	14	26	19
7	19	17	10	27	22
8	20	18	3	28	19
9	20	19	0		
10	22	20	0		

ZURICH RELATIVE SUNSPOT NUMBERS ( $R_Z$ ) FOR FEBRUARY 1965

February mean = 14.3

1	14	11	17	21	7
2	13	12	23	22	0
3	13	13	25	23	0
4	13	14	16	24	13
5	10	15	23	25	15
6	23	16	15	26	22
7	23	17	8	27	24
8	17	18	8	28	18
9	23	19	0		
10	17	20	0		

PROVISIONAL RELATIVE SUNSPOT NUMBERS ( $R_p$ ) FOR APRIL 1965

April mean = 6.5

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

Note:

The above provisional relative sunspot numbers ( $R_p$ ) have been computed from some of the early reports received from Solar Division sunspot observers. They are not meant to be used for definitive purposes