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EDITOR: C. H. HOSSFELD

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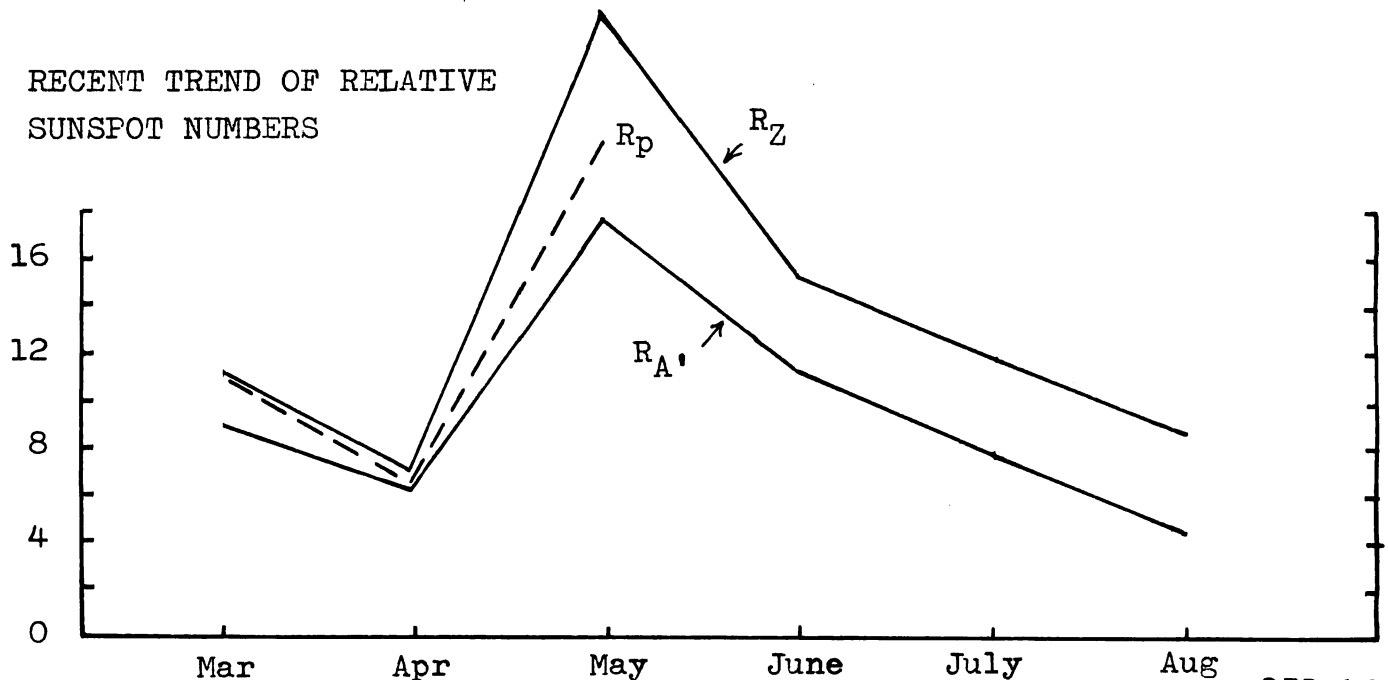
SOLAR ACTIVITY DURING AUGUST

Solar activity continued at a very low level through August. No ionospheric events were reported by Solar Division observers.

Sunspot activity continued the downward trend of the past two months. The monthly mean of the American Sunspot Number dropped to 4.5 from 7.7 last month. There were 16 spotless days this month compared to 15 in July. Three groups with lifetimes greater than two days were observed, the same number as last month. There were only three months during the minimum period of last year when the monthly mean of the American Sunspot Number dropped lower than 4.5 of this month. These were July, September, and October of 1964 when the means were 2.2, 2.1, and 3.7 respectively.

August started with the disk spotless but on the 3rd two groups of one spot each appeared. One of these groups near the east limb was short-lived and only seen by those who observed late that day. Three spotless days followed. A northern new-cycle group formed on the 7th and lasted through the 9th. A southern new-cycle group formed near the central meridian on the 10th and remained visible until the 12th. The disk was then spotless through the 25th except for a faint short-lived group on the 20th. A northern new-cycle group appeared on the 26th and was still visible at the end of the month. In addition, faint short-lived groups were seen by some observers on the 18th, 24th, and 31st.

RECENT TREND OF RELATIVE
SUNSPOT NUMBERS



SEP 13 1965

(R_A) AUGUST 1965

mean = 4.5

0 0 7 2 0 0 7 6 9 10
10 10 14
1 1 1 0 0 0 3 1 2 0 0 0 0 3 16
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(R_Z) JULY 1965

mean = 11.9

18 20 19 17 8 17 22 29 33 29 35 30 23 12 11
8 7 0 0 0 0 0 0 7 0 7 0 0 9 7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(R_Z) AUGUST 1965

mean = 8.6

0 0 15 14 0 16 7 31 10 14 16 13
8 7 0 0 0 7 0 7 7 0 0 8 0 8 14 18 16 10 22
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31