

# Solar Bulletin

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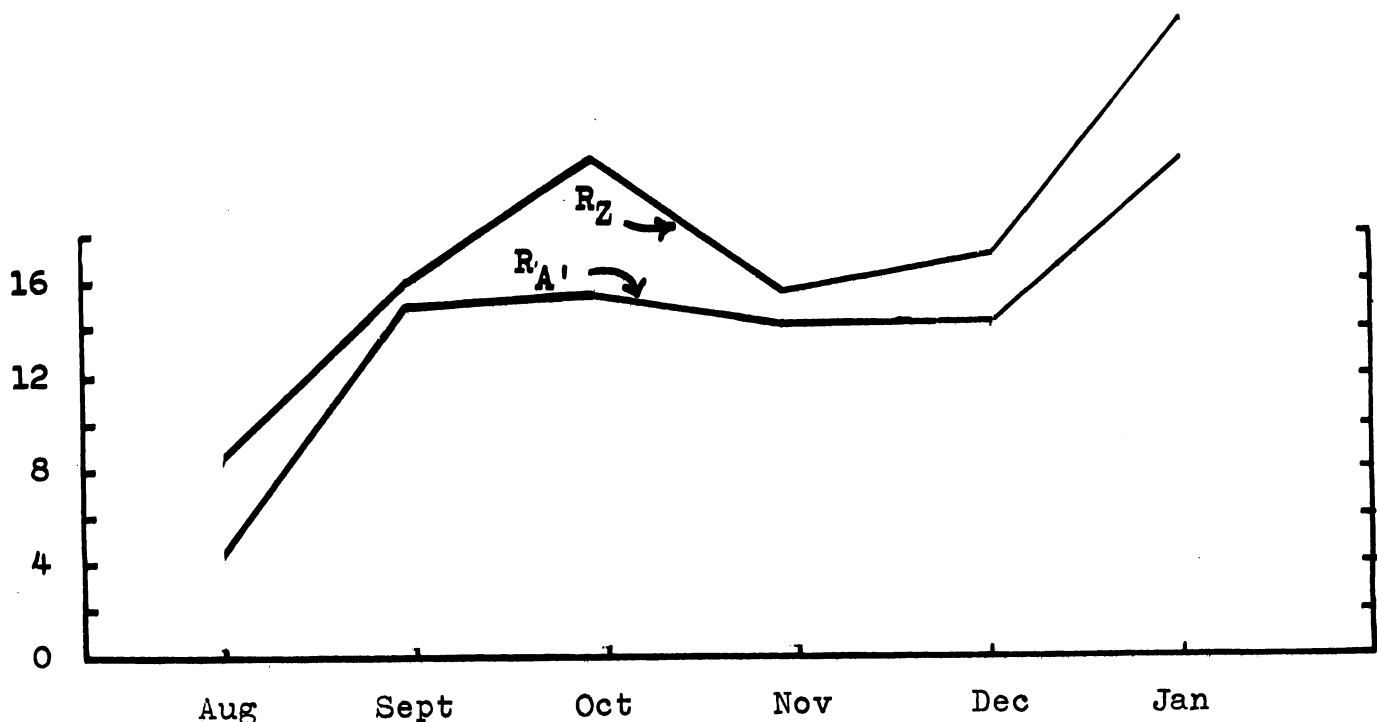
January 1966

## SOLAR ACTIVITY DURING JANUARY

Considerable solar activity occurred during January and most of it originated in an active beta-gamma group that came over the east limb on the 13th. This group seemed to reach its maximum on the 17th and many solar flares were reported at this time. No ionospheric disturbances were recorded by Solar Division observers although there were several observers who had excellent records throughout the entire period.

Sunspot activity increased during January. The monthly mean of the American Sunspot Number rose from 14.3 last month to 20.9 this month. This is the highest monthly mean of the new cycle, the previous high being 17.7 in May 1965. The number of spotless days increased from 6 in December to 7 this month. There were 7 sunspot groups with lifetimes greater than 2 days compared to 6 such groups last month. The highpoint of the month was reached on the 19th and 20th when there were 4 groups visible

## RECENT TREND OF RELATIVE SUNSPOT NUMBERS



(R<sub>A</sub>) January 1966

mean = 20.9

1	25
2	21
3	19
4	13
5	7
6	1
7	0
8	1
9	0
10	0
11	0
12	0
13	19
14	30
15	37
16	31
17	43
18	43
19	55
20	55
21	41
22	34
23	36
24	31
25	18
26	14
27	15
28	14
29	20
30	21
31	3

(R<sub>Z</sub>) January 1966

mean = 26.7

1	18
2	17
3	16
4	15
5	8
6	7
7	7
8	13
9	13
10	7
11	8
12	0
13	17
14	30
15	36
16	57
17	50
18	64
19	68
20	63
21	52
22	44
23	38
24	41
25	27
26	19
27	16
28	14
29	19
30	28
31	15

The American Sunspot Numbers (R<sub>A</sub>) are computed from observations made by the Solar Division of the American Association of Variable Star Observers. They are final numbers.

The Zurich Provisional Sunspot Numbers (R<sub>Z</sub>) are computed from observations made at the Federal Observatory in Zurich and its stations in Locarno and Arosa. Final numbers are issued at the end of the year.