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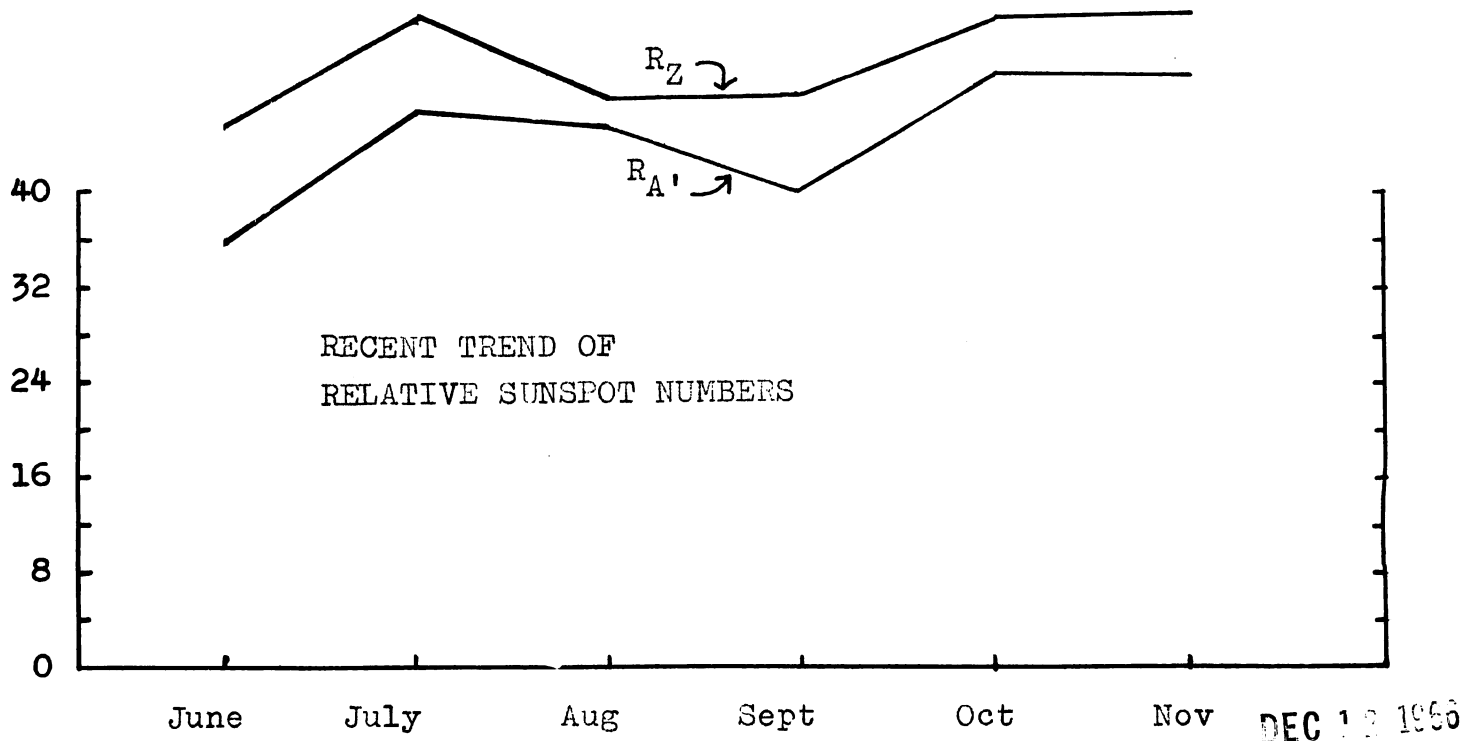
November 1966

SOLAR ACTIVITY DURING NOVEMBER

Solar activity was down somewhat from the October level. No sudden ionospheric disturbances were found in early reports received from the Solar Division's indirect flare patrol.

Sunspot activity remained about the same as the previous month. The mean of the American sunspot numbers was 50.0 compared to 50.6 in October. Although there were no spotless days, the southern hemisphere of the sun continues to remain relatively inactive. There were 23 days when it was spotless this month compared to 11 days in October, 21 in September, and 23 in August. Of the few groups seen in the southern hemisphere during November, none was large enough to develop a penumbra. On the disk as a whole, 14 groups were seen whose lifetime exceeded 2 days compared to 20 such groups last month.

A very long-lived "H" group appeared at the east limb on 6 November and crossed the disk for the 3rd time. This large spot, which was easily seen with the unaided eye, is probably the remains of a sunspot group that first appeared near the central meridian on 23 August. If this is correct, this would be the group's 4th appearance on the sun's disk. On 4 December, this same large spot again came over the east limb to start one more crossing. It is still a large spot in spite of its probably being 104 days old.



(R_A) November 1966

mean = 50.0

1	36
2	36
3	23
4	12
5	30
6	37
7	53
8	47
9	49
10	59
11	78
12	66
13	66
14	45
15	60
16	47
17	51
18	53
19	54
20	68
21	64
22	69
23	57
24	54
25	53
26	51
27	50
28	40
29	47
30	45

(R_Z) November 1966

mean = 55.7

1	43
2	42
3	33
4	38
5	20
6	32
7	48
8	51
9	56
10	62
11	72
12	80
13	68
14	66
15	62
16	44
17	54
18	51
19	61
20	70
21	72
22	82
23	76
24	72
25	74
26	67
27	59
28	41
29	37
30	37

The American relative sunspot numbers (R_A) are computed from observations made by the Solar Division of the American Association of Variable Star Observers.

The Zurich provisional relative sunspot numbers (R_Z) are computed from observations made at the Federal Observatory in Zurich and its stations at Locarno and Arosa.