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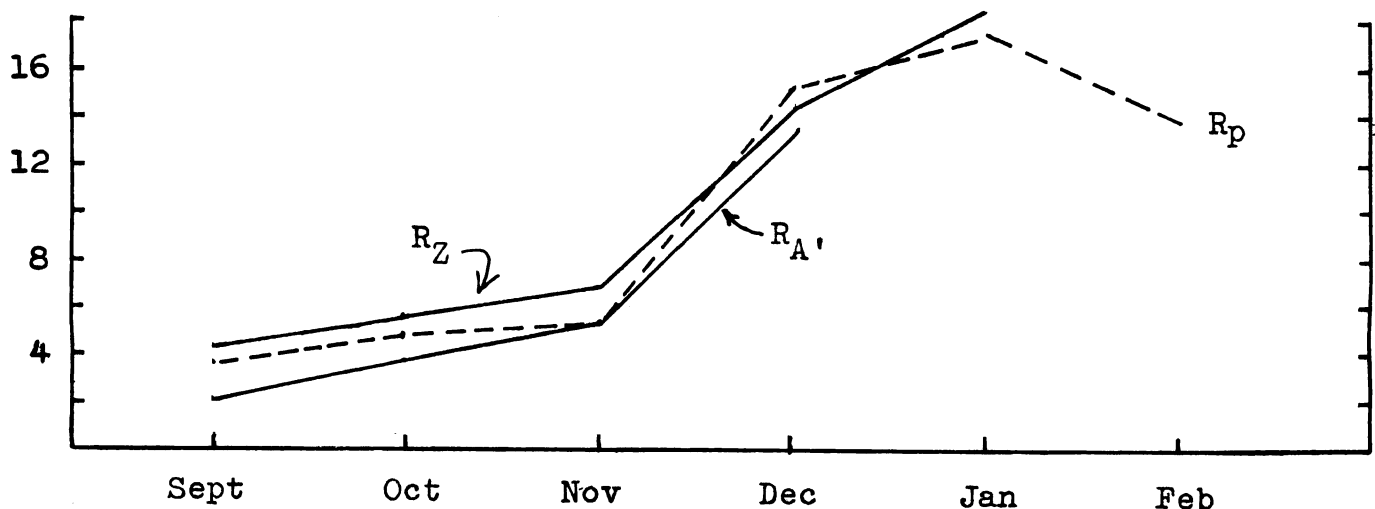
February 1965

SOLAR ACTIVITY DURING FEBRUARY

High Altitude Observatory reported a class 2 flare on the 5th of February and preliminary reports from Solar Division observers indicate that a small SEA may have been recorded at this time.

Sunspot activity was down slightly from last month. The February mean for the preliminary sunspot number was 13.8 compared with 17.8 in January. There were 7 spotless days this month but only 3 last month. Five sunspot groups were observed in February plus two short-lived groups on the 9th and 27th. It was noticeable that single spots predominated this month. The month began with a group of about 3 spots that had come over the east limb on 29 January. As this prominent spot rotated off the disk on the 9th, another single spot rotated on at the east limb and lasted through the 15th. Another group consisting of a single spot appeared at the east limb on the 7th and was last seen near the west limb on the 17th. The disk was then spotless until the 24th when another single spot came over the east limb. This was probably a reappearance of the spot that rotated off on the 9th. On the 25th the only spot in the southern hemisphere this month formed near the east limb. The month ended with these two groups of one spot each near the center of the disk.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN RELATIVE SUNSPOT NUMBERS (R_A) FOR DECEMBER 1964

December mean = 13.4

1	1	11	14	21	29
2	0	12	11	22	22
3	1	13	14	23	18
4	0	14	11	24	14
5	2	15	5	25	14
6	0	16	8	26	11
7	0	17	20	27	17
8	2	18	27	28	38
9	0	19	26	29	34
10	11	20	28	30	17
				31	21

ZURICH RELATIVE SUNSPOT NUMBERS (R_Z) FOR DECEMBER 1964

December mean = 14.6

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

PROVISIONAL RELATIVE SUNSPOT NUMBER (R_p) FOR FEBRUARY 1965

February mean = 13.8

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