

# Solar Bulletin

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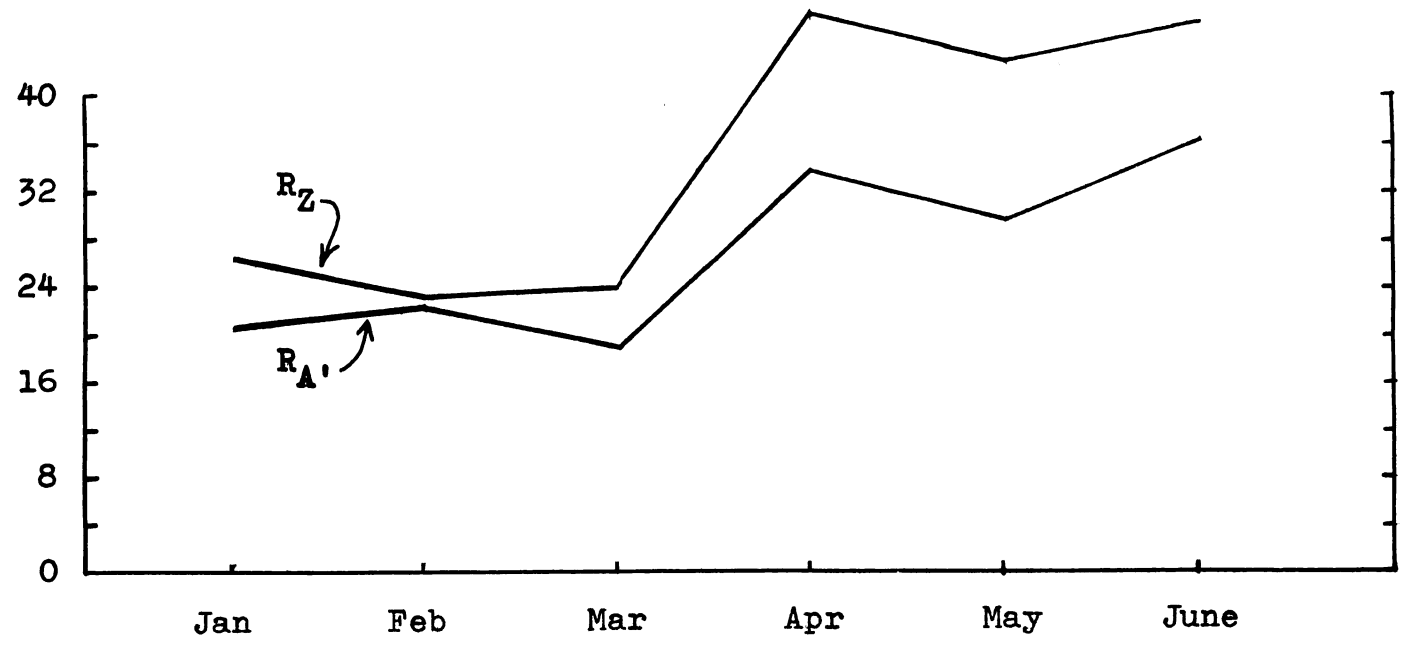
June 1966

## SOLAR ACTIVITY DURING JUNE

Some solar activity occurred at the end of the month. A sudden ionospheric disturbance starting at 1952 UT was recorded by several Solar Division observers on the 24th. A recording of this event is shown on page 2.

Sunspot activity was up somewhat from the May level. The mean of the American sunspot number rose from 30.5 in May to 36.6 this month. There were no outstanding groups during June but there were many small groups which contributed to the high relative numbers. There were no spotless days in June although there were two in May. There were 14 groups with lifetimes greater than 2 days compared to 12 last month. The greatest number of groups were seen on the 26th when 7 groups were visible.

## RECENT TREND OF RELATIVE SUNSPOT NUMBERS



(R<sub>A1</sub>) June 1966

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

mean =

mean = 46.4

1	56	16	33
2	48	17	36
3	41	18	31
4	50	19	27
5	39	20	28
6	26	21	32
7	22	22	42
8	26	23	58
9	27	24	61
10	24	25	66
11	26	26	62
12	32	27	44
13	18	28	35
14	21	29	29
15	24	30	33

1	71	16	40
2	74	17	46
3	41	18	39
4	60	19	33
5	43	20	42
6	43	21	29
7	38	22	34
8	35	23	59
9	33	24	63
10	25	25	80
11	43	26	78
12	34	27	69
13	34	28	52
14	31	29	47
15	22	30	55

Sudden ionospheric disturbance recorded by David Warshaw (A-1) at Valley Cottage, New York on 24 June 1966. The upper part of the trace is a recording of 27 kc atmospheric noise and shows an SEA reaching maximum at 2007 UT. The bottom part of the trace is a recording of the signal strength of NPG on 18.6 kc. It shows an SES reaching maximum at 1957 UT.

