

Solar Bulletin

Publisher:

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION
540 NORTH CENTRAL AVENUE
RAMSEY, NEW JERSEY, U.S.A.



Volume 35 Number 4

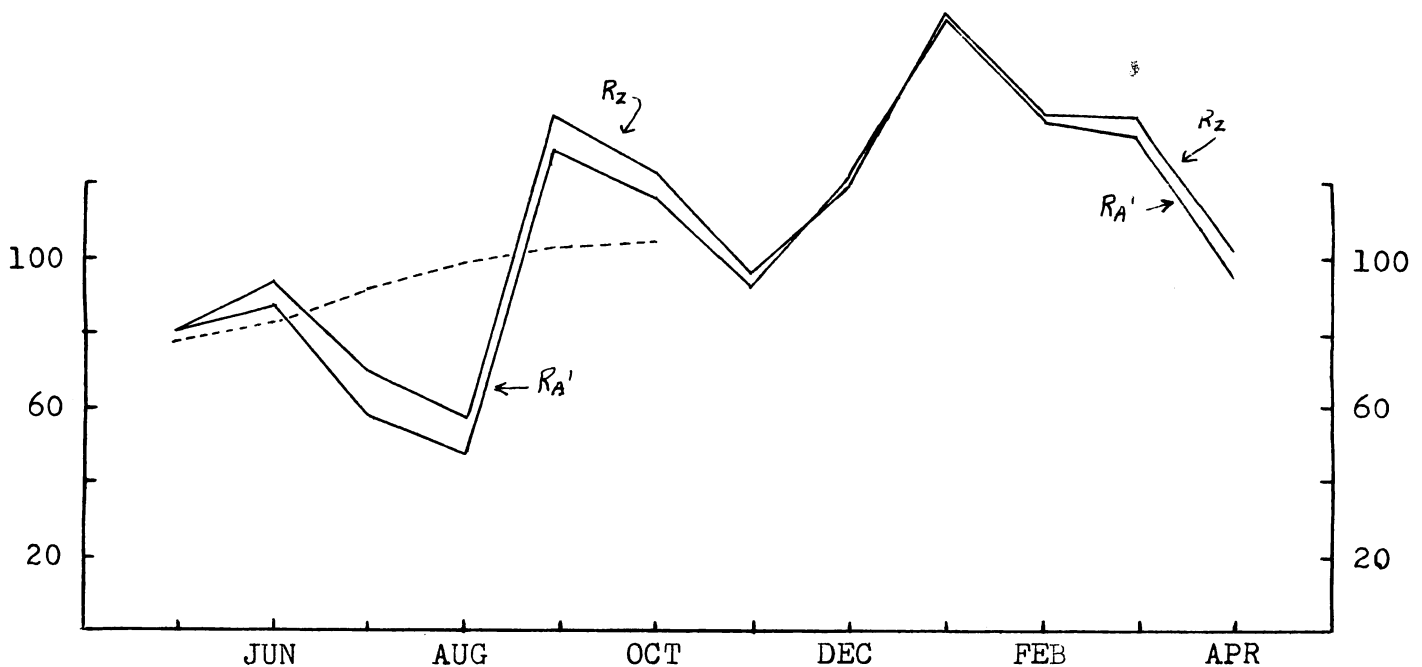
April 1979

SOLAR ACTIVITY DURING APRIL 1979

Sunspot activity continued its downward trend of the past three months. The monthly mean of the American sunspot numbers fell to 95.8 during April. The last time it fell this low was in November 1978. Recent lower means have caused the upward trend of the 12-month smoothed means to increase more slowly than in the recent past. This trend can be seen in the dashed line plotted below which is smoothed means up to and including October 1978

Despite the falling off of the sunspot counts, ionospheric disturbance activity remained at a comparatively high level during April. Most of these events were of moderate intensity, however. The most intense event occurred on 27 April reaching maximum at 1650 UT. Two recordings of this event are reproduced on page two along with other representative samples of April activity.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



American (R_A) and Zurich (R_Z) relative sunspot numbers for April 1979

Day	R_A	R_Z
1	125	131
2	132	134
3	134	135
4	117	138
5	85	109
6	91	91
7	78	77
8	51	69
9	55	61
10	66	87
11	91	109
12	93	107
13	115	113
14	120	116
15	106	117
16	111	119
17	119	107
18	98	98
19	76	79
20	63	68
21	60	68
22	72	79
23	68	79
24	69	80
25	79	85
26	118	118
27	125	125
28	132	132
29	128	132
30	96	120
Mean	95.8	102.8

