

# Solar Bulletin

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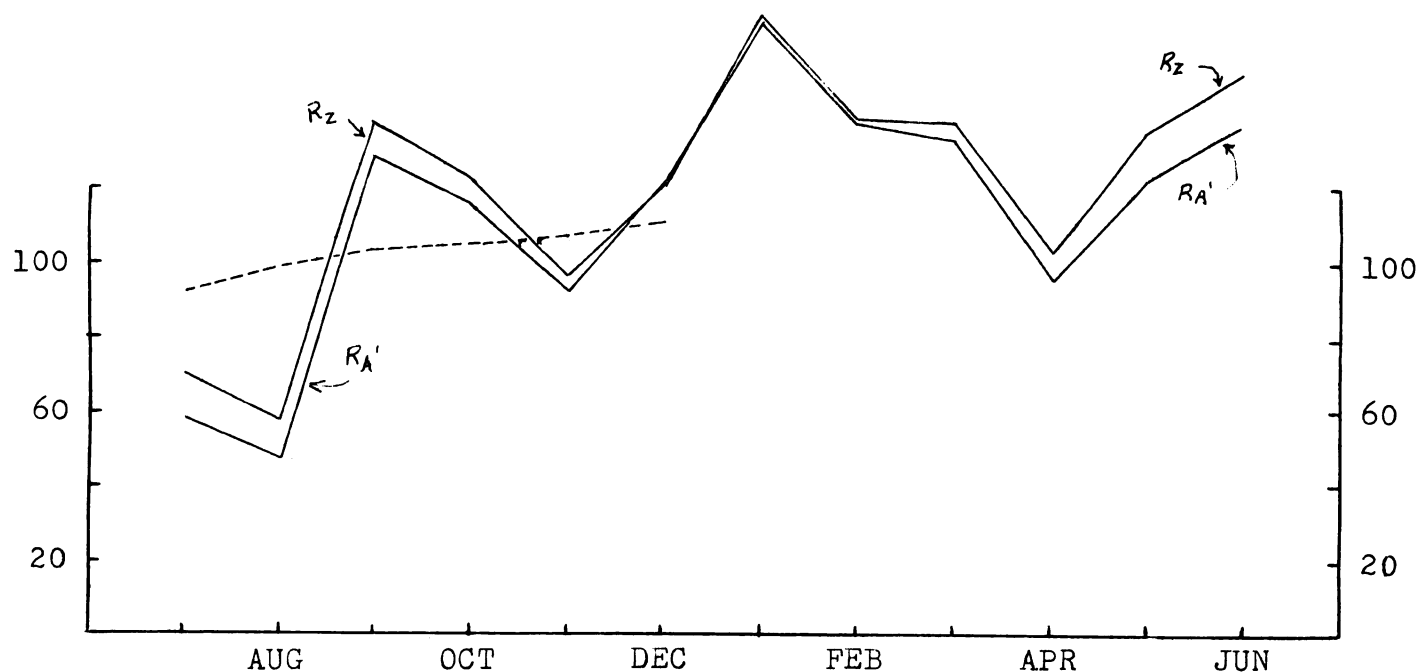
June 1979

## SOLAR ACTIVITY DURING JUNE

Sunspot activity continued at the level of recent months. The monthly mean of the American sunspot numbers for June was 136.4 up slightly from 121.8 last month. The 12-month smoothed mean rose to 110.6 for December 1978 continuing a steady upward trend

Ionospheric disturbances caused by solar flares continued at the moderate level of last month. Only a few disturbances of modest intensity were recorded by AAVSO observers. The most intense event occurred on 3 June starting at 1430 UT but it fell far short of being a major disturbance. A recording of this event is shown at the bottom of the second page. Recordings of eight other events, all small, are also shown. The one made on 2 June shows four disturbances. This was the most active day of June.

## RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN ( $R_A$ ) AND  
ZURICH ( $R_Z$ ) RELATIVE  
SUNSPOT NUMBERS FOR  
JUNE 1979

Day	$R_A$	$R_Z$
1	105	121
2	137	152
3	162	161
4	168	178
5	189	207
6	207	226
7	204	222
8	216	220
9	202	231
10	174	205
11	174	186
12	160	199
13	132	172
14	111	149
15	102	127
16	112	103
17	124	122
18	115	126
19	113	110
20	109	111
21	108	124
22	101	108
23	93	96
24	87	90
25	107	120
26	122	132
27	111	112
28	108	128
29	114	124
30	124	154
Mean	136.4	150.5

