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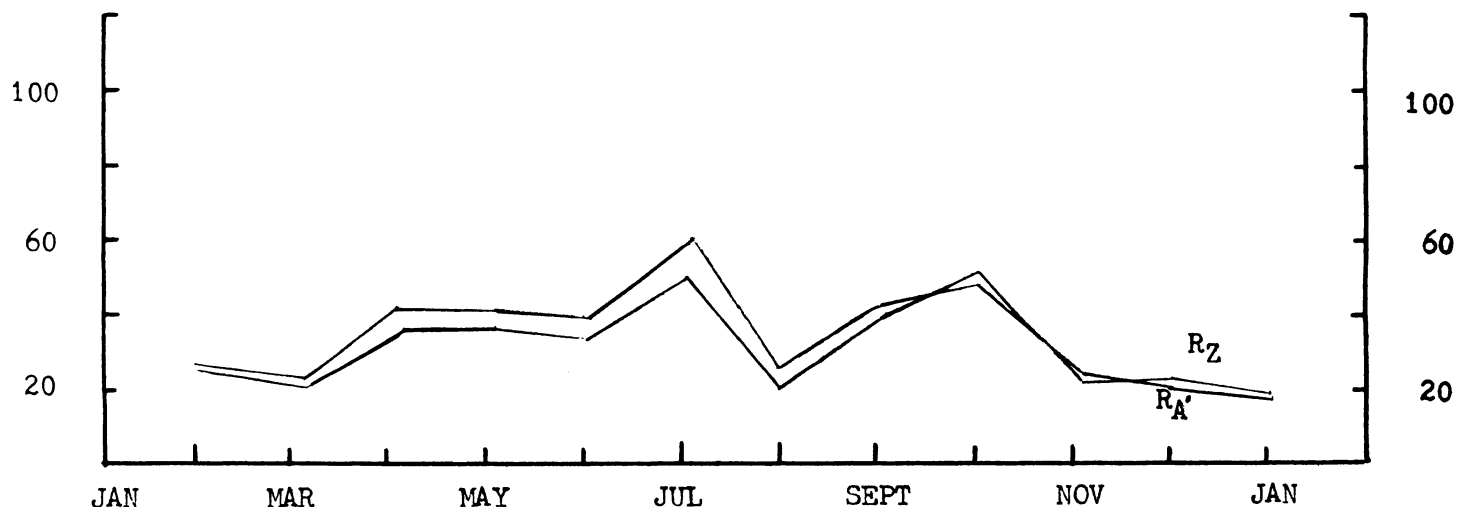
SOLAR ACTIVITY FOR JANUARY

Sunspot activity continued at a low level during January. The mean of the American Sunspot numbers fell slightly to 16.7 compared to 18.5 the previous month. There were two spotted days towards the end of the month.

A new-cycle sunspot group was visible for two days in the southern hemisphere at twenty-six degrees south latitude. This was not the first new - cycle group to be confirmed by magnetic data. Another was previously seen on 16 November 1974 at thirty-seven degrees north latitude.

There were no ionospheric disturbances recorded by A.A.V.S.O. observers this month. Charts were received from eleven observers but a careful analysis of these charts did not show anything that could be considered a real event.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS



AMERICAN (R_A) AND ZURICH (R_Z) RELATIVE SUNSPOT NUMBERS, JANUARY 1975

DAY	R_A	R_Z		DAY	R_A	R_Z
1.	27	30		16.	21	17
2.	31	30		17.	13	16
3.	28	28		18.	19	20
4.	22	19		19.	23	20
5.	20	18		20.	25	18
6.	17	23	Monthly means	21.	17	16
7.	28	32		22.	17	16
8.	30	29	$R_A = 16.7$	23.	5	15
9.	39	37		24.	2	7
10.	33	31	$R_Z = 18.7$	25.	5	7
11.	20	30		26.	1	7
12.	21	31		27.	0	0
13.	18	32		28.	1	7
14.	11	11		29.	1	7
15.	20	20		30.	3	7
				31.	0	0

SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING JANUARY 1975

There were none

Charts were received and analyzed by the following

observers: A - 1, 19, 26, 28, 29, 30, 31, 36, 37, 40