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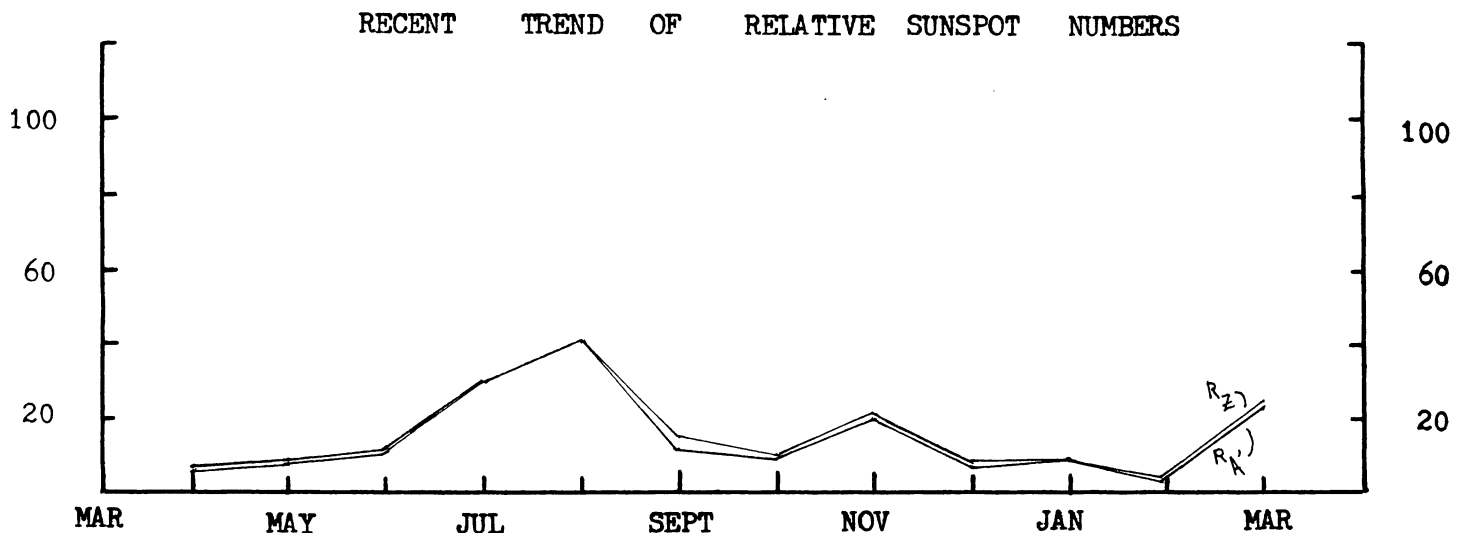
Number 3

MARCH 1976

SUNSPOT ACTIVITY FOR MARCH

Sunspot activity increased remarkably from the level of recent months. The mean of the American Sunspot Numbers rose to 21.1 compared to 3.8 last month. The first five days of the month were spotless. A large Gamma-type group in the southern hemisphere was visible to the unaided eye toward the end of the month and flare activity produced and aurora visible in mid-latitude.

Twenty-five ionospheric disturbances were recorded by A.A.V.S.O. observers of which twelve were detected by the SEA method. Charts reproduced on page-two show a sampling of these including an SEA recorded by A-42, Dr. V. Barocas of the British Astronomical Society (B.A.A.), who has long reported his observations to the AAVSO.



SUDDEN IONOSPHERIC DISTURBANCES RECORDED DURING MARCH 1976

AMERICAN (R_A) AND ZURICH

(R_Z) RELATIVE SUNSPOT NUMBERS FOR March 1976

DAY	R _A	R _Z
1.	0	0
2.	0	0
3.	0	0
4.	0	0
5.	0	0
6.	10	10
7.	11	12
8.	3	7
9.	10	10
10.	12	12
11.	14	13
12.	13	13
13.	16	13
14.	20	22
15.	15	16
16.	13	11
17.	34	30
18.	44	45
19.	44	51
20.	44	51
21.	42	48
22.	33	36
23.	25	28
24.	23	25
25.	20	22
26.	37	42
27.	45	46
28.	36	50
29.	34	42
30.	30	32
31.	26	27
Mean	21.1	23.0

Day	Max.	SEA	SES	Def.	Observers	Day	Max.	SEA	SES	Def.	Observers	
10	1601		1	5	A1,37,41	25	1724	1	1+	5	A1,4,19,26,31,34,37,41	
20	1804	1-	1-	5	A1,19,30,31,32,34,37,41	25	2102		1-	5	A1,4,19,31,37,41	
20	2200	1-	1+	5	A1,19,30,31,34,37,41	25	2200		1-	5	A1,31,37,41	
20	2245		1-	4	A30,31,37	25	2217	1	5	5	A1,19,30,31,37,41	
21	0148			2	5	A31	26	0006		2	5	A31
21	0810		1-	4	A42	26	0728		1-	3	A31	
21	1305		1+	5	A42	26	1448	1	1	5	A19,26,31,41,42	
21	1850	1	2+	5	A1,4,19,26,30,31,34,37,40,41	26	1814	2	1+	5	A1,19,26,31,37,41	
21	2240	1	1+	5	A19,30,31,34,37,41	27	2054		1+	5	A1,30,31,34,37,40	
22	2208	1-	1+	5	A1,4,19,26,30,31,34,36,37,41	28	0602		1+	5	A31	
24	0022		1	4	A30,31,37	28	1934	1-	2	5	A4,19,26,28,30,31,34,40,41	
24	1840		1-	5	A1,30,31,34,37,41	31	1350		2	4+	A1,19,28,31,34,37	
25	0023		1	5	A31							

**A-42 NEW OBSERVER!!!

