Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS-- SOLAR DIVISION

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Relative Sunspot Numbers For May

	R_a Final					R_i Provisional*					
1)	70	11)	72	21)	31	1)	69	11)	65	21)	25
2)	81	12)	61	22)	35	2)	84	12)	56	22)	32
3)	81	13)	56	23)	42	3)	76	13)	44	23)	41
4)	93	14)	52	24)	51	4)	96	14)	37	24)	47
5)	94	15)	54	25)	61	5)	97	15)	44	25)	57
6)	78	16)	58	26)	67	6)	77	16)	53	26)	63
7)	51	17)	58	27)	71	7)	50	17)	54	27)	61
8)	68	18)	45	28)	80	8)	63	18)	44	28)	70
9)	89	19)	22	29)	87	9)	74	19)	20	29)	74
10)	91	20)	27	30)	89	10)	87	20)	23	30)	83
				31)	92					31)	86
Mean = 64.7						Mean = 59.7					

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The smoothed-mean American Relative Sunspot Number for November 1987 is 46.9, calculated according to the method of Waldmeier.

R_a final was computed from the reports of sixty-three members of the international network of American Sunspot Program contributors.

Note: The estimated mean American Sunspot Number for June 1-21 is 105.

***Sunspot Bulletin**, 1988, No. 5.

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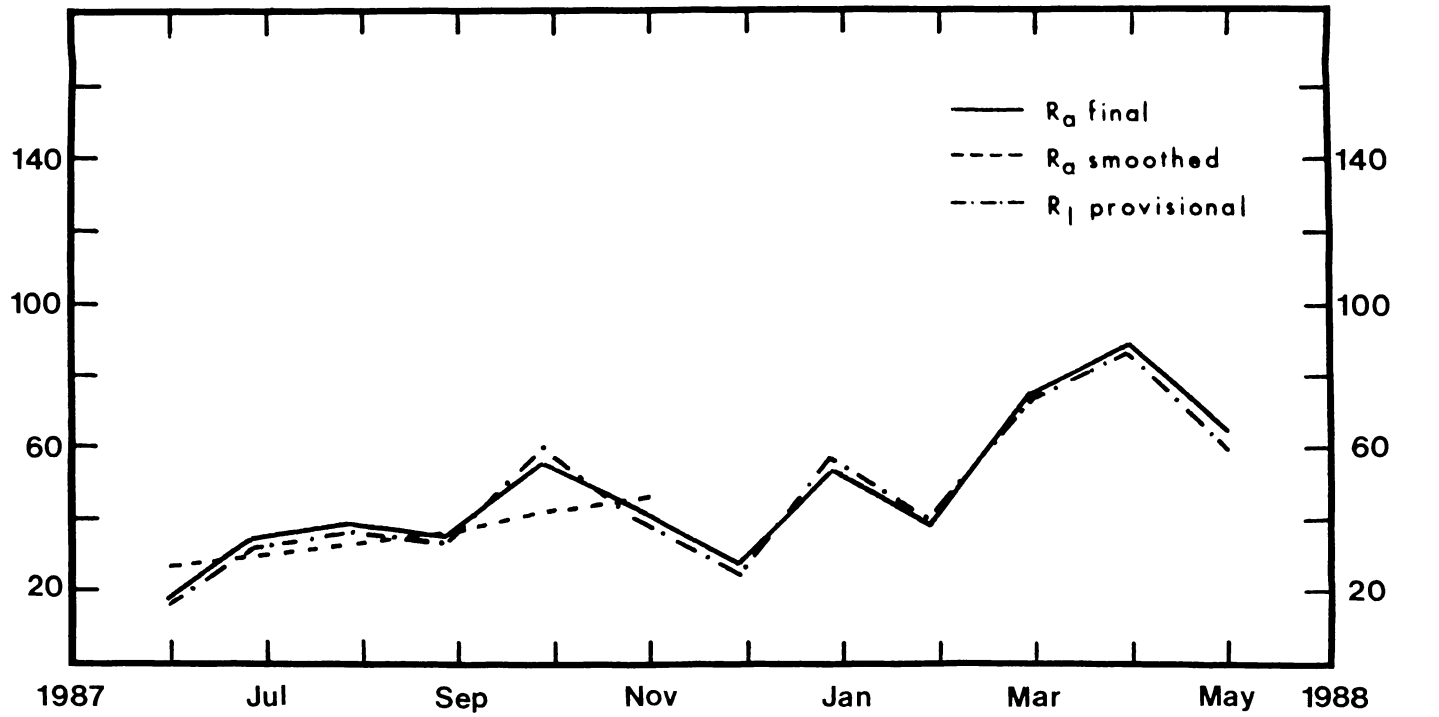

Sudden Ionospheric Disturbances Recorded During May

Records were received from A1,9,19,26,46,49,50,59

Day	Max(UT)	Imp	Def	Observer(s)	Day	Max(UT)	Imp	Def	Observer(s)
3	15:45	2+	5	A1,19,26,49,50,59	26	20:43	1+	5	A50,59
3	18:00	2+	5	A1,19,26,49,50,59	26	21:15	2	5	A9,19,26,46,49,50,59
5	19:50	2	5	A1,19,46,49,59	27	11:43	2	5	A1,19,26,46,49,59
17	20:15	2+	5	A1,9,19,26,46,49,50,59	27	13:50	2	5	A1,19,46,49,50,59
21	19:00	2+	5	A1,49,59	27	20:02	1	5	A1,49,50,59
23	12:10	2	5	A19,46,49,59	29	13:15	2	5	A1,59
23	15:15	1+	5	A1,19,50	29	13:49	1+	5	A1,49,59
23	16:18	1	5	A1,19,49,50,59	30	15:08	1+	5	A1,59
23	17:33	1	5	A1,19,46,49,50,59	30	18:00	2	5	A1,49,59
23	18:45	1+	5	A59	30	20:03	2+	5	A1,9,19,26,46,50,59
25	15:59	2	5	A19,46,49,50,59	31	14:23	1+	5	A19,26,46,50,59

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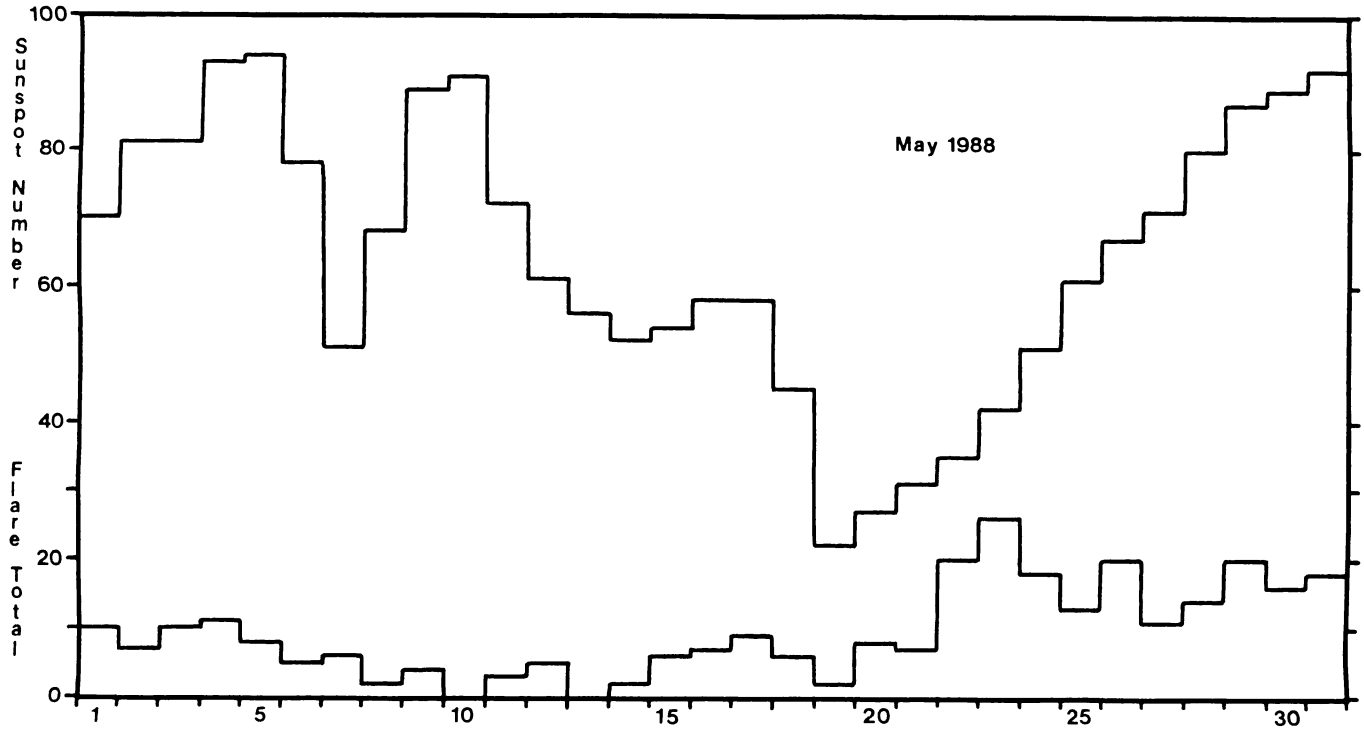

Daily Solar Flare Events & American Relative Sunspot Numbers

Note: Flare totals are SESC preliminary values.

SESC **PRF**, Numbers 661-666.

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Predicted Smoothed American Sunspot Numbers

(McNish - Lincoln Method)

December (59); January (65); February (71);
March (76); April (81); May (87).

Solar Geophysical Data, 524, Part I, p13.

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The American Sunspot Number and related information is available through the CompuServe Information Service, INFOPLEX, MCImail, and through domestic and international Telex/TWX. Contact the Editor for details.

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