

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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Relative Sunspot Numbers For April 1987

R _a final			*R _I prov.		
1) 13	11) 86	21) 19	1) 14	11) 80	21) 19
2) 11	12) 78	22) 25	2) 12	12) 77	22) 26
3) 11	13) 73	23) 27	3) 10	13) 79	23) 25
4) 14	14) 76	24) 28	4) 13	14) 74	24) 35
5) 27	15) 74	25) 23	5) 28	15) 78	25) 23
6) 40	16) 64	26) 21	6) 47	16) 60	26) 21
7) 68	17) 45	27) 11	7) 56	17) 41	27) 11
8) 67	18) 35	28) 12	8) 64	18) 36	28) 14
9) 69	19) 24	29) 24	9) 69	19) 29	29) 20
10) 75	20) 11	30) 32	10) 72	20) 16	30) 30
Mean = 39.4			Mean = 39.3		

.....

..... The smoothed mean American relative sunspot number (Waldmeier equation) is 11.1 for

..... October 1986. Thus far, the smoothed mean sunspot number for September 1986 (10.0)

..... was the lowest computed value since April 1965.

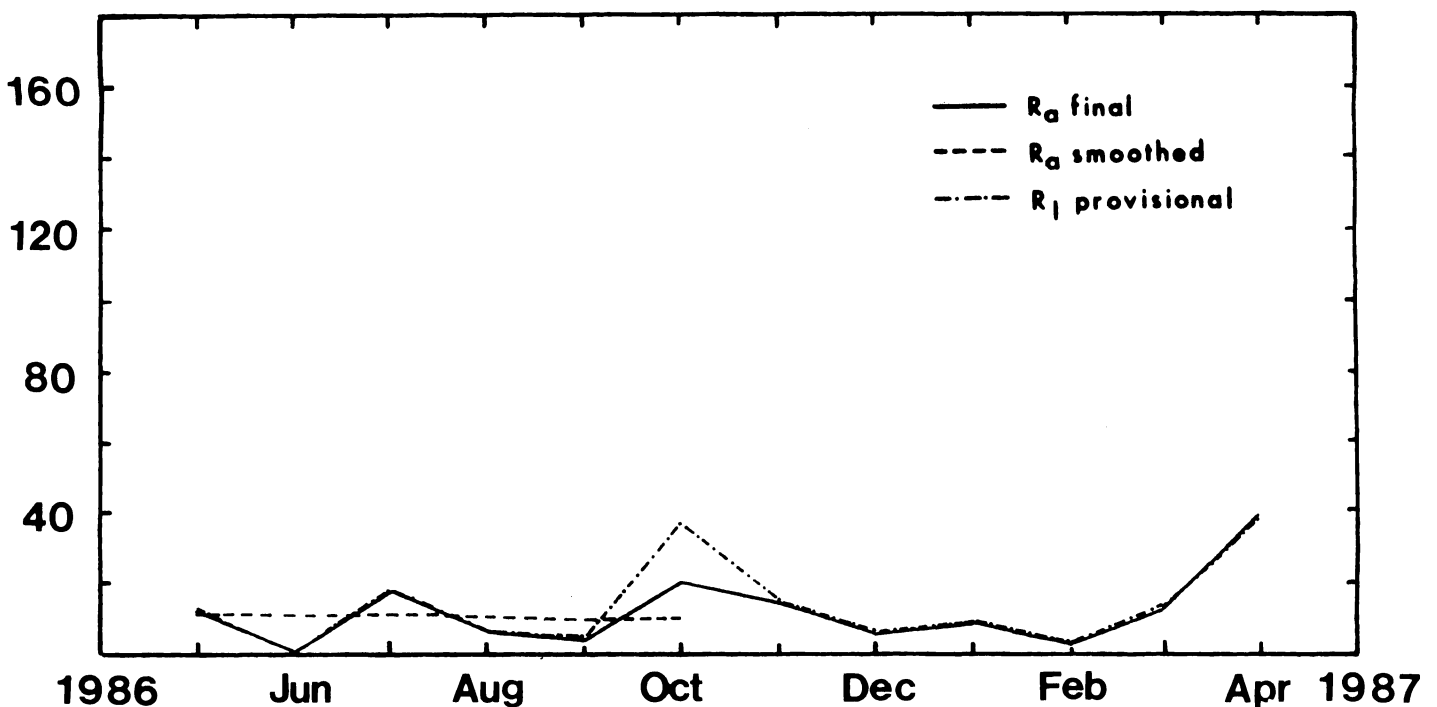
..... R_a final was computed from the reports of 49 members of the AAVSO international

..... sunspot-observer network. The mean American relative sunspot number for April 1987

..... is the highest calculated value since June 1984.

..... *Sunspot Bulletin, 1987, No. 4

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Sudden Ionospheric Disturbances Recorded During April 1987

Records were received from A1, 3, 9, 19, 26, 46, 49, 50, 52

<u>Day</u>	<u>Max</u>	<u>Imp</u>	<u>Def</u>	<u>Observers</u>
5	19:33	2	5	A1, 19, 26, 46, 49, 50
7	20:41	1+	5	A3, 49
9	06:44	2	5	A52
10	18:18	2	5	A1, 3, 19, 26, 46, 49, 50
15	07:35	2+	5	A52
16	15:13	1-	5	A1, 3, 19, 26, 46, 49, 50
16	16:12	3	5	A1, 3, 9, 19, 26, 46, 49, 50
17	17:25	1+	5	A1, 3, 26, 50
17	19:27	2-	5	A1, 3, 26
18	13:55	1+	5	A49, 50
18	14:45	2+	5	A50
18	17:08	2+	5	A26, 50
19	14:44	2-	5	A3, 26
19	19:47	1+	5	A49
24	07:33	2+	5	A52

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