

# Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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## Relative Sunspot Numbers For January 1984

$R_a$ final				* $R_I$ prov.		
1) 7	11) 44	21) 65		1) 10	11) 48	21) 76
2) 16	12) 47	22) 65		2) 16	12) 51	22) 69
3) 16	13) 44	23) 65		3) 17	13) 45	23) 70
4) 18	14) 42	24) 75		4) 18	14) 46	24) 70
5) 17	15) 38	25) 99		5) 26	15) 44	25) 99
6) 24	16) 42	26) 106		6) 29	16) 46	26) 98
7) 22	17) 49	27) 102		7) 37	17) 51	27) 105
8) 35	18) 49	28) 98		8) 36	18) 49	28) 106
9) 47	19) 53	29) 108		9) 50	19) 51	29) 118
10) 47	20) 62	30) 93		10) 44	20) 69	30) 110
		31) 90				31) 82
Mean = 54.4				Mean = 57.6		

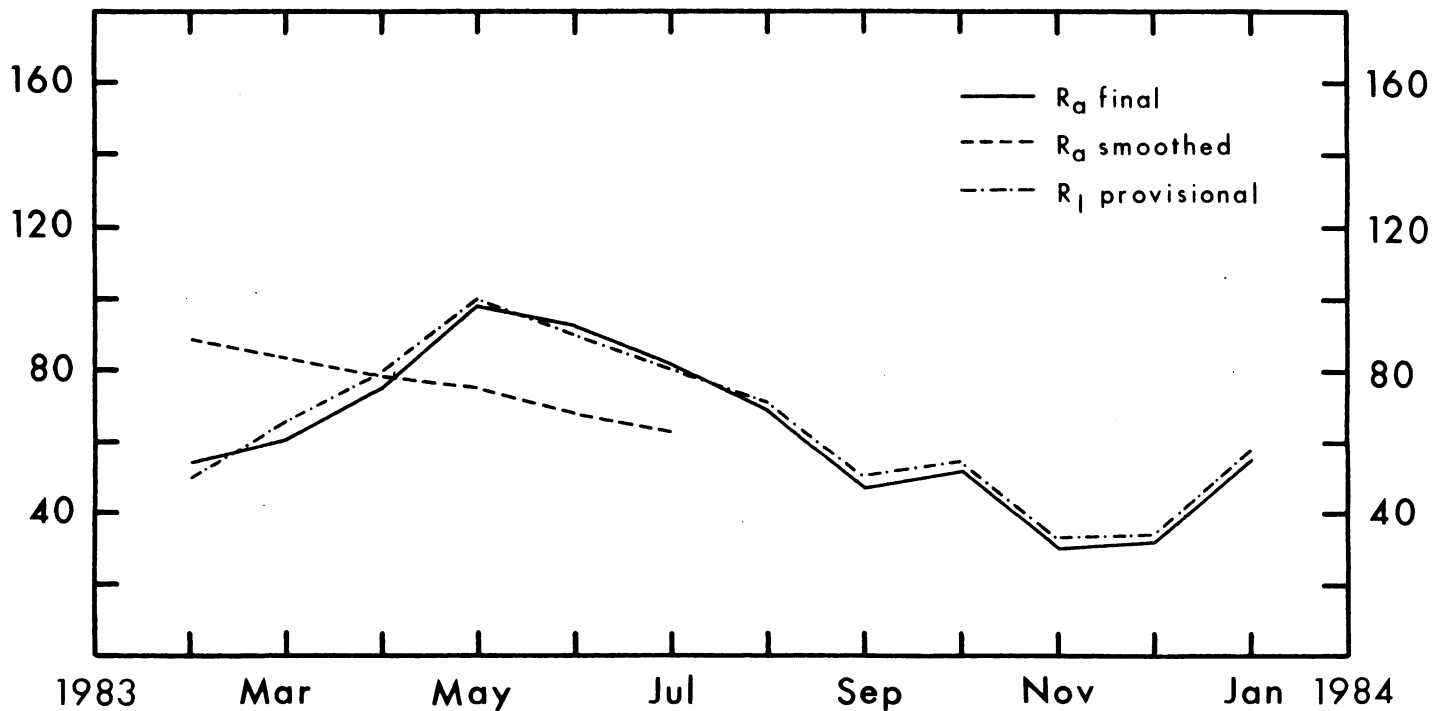
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The smoothed mean American relative sunspot number (Waldmeier equation) is 63.5 for July 1983.

$R_a$  final was computed from the reports of 35 members of the AAVSO international sunspot-observer network.

\*Sunspot Bulletin, 1984, No. 1.

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## Sudden Ionospheric Disturbances Recorded During January 1984

Records were received from A1, 9, 19, 26, 28, 46, 49, 50, 52

Day	Max	Imp	Def	Observers	Day	Max	Imp	Def	Observers
8	20:18	1	5	A1, 50	25	07:45	1-	5	A52
11	18:35	1+	5	A19, 26, 50	25	08:02	1+	5	A52
12	19:15	1-	5	A1, 26	26	05:49	1-	5	A52
12	19:30	1+	5	A1, 26	26	15:34	1+	5	A1, 19, 26, 50
13	17:01	1-	5	A1, 26, 50	26	16:30	2	5	A1, 19, 26, 28, 50
20	14:19	3	5	A1	26	17:22	1	5	A1, 26
20	17:43	2	5	A1, 9, 26, 50	27	07:03	2+	5	A52
20	23:42	1	5	A9	27	14:04	1	5	A1, 26, 50
21	16:00	1-	5	A1, 26, 50	27	14:44	1-	5	A1, 26, 50
21	19:51	1-	5	A50	27	16:59	1-	5	A26, 50
22	06:15	1-	5	A52	27	19:05	1	5	A1, 9, 26, 50
22	20:59	1	5	A1, 26, 50	28	07:19	1-	5	A52
23	08:38	1+	5	A52	28	07:38	2	5	A52
23	16:01	1-	5	A19, 26	28	15:37	2	5	A1, 26
23	16:53	1	5	A19, 26	28	18:01	1	5	A1, 19, 26, 50
24	04:17	1-	5	A52	28	21:59	1-	5	A9, 50
24	06:31	1-	5	A52	29	22:46	1	5	A9, 50
24	08:09	1-	5	A52	30	04:44	2+	5	A52
24	09:02	1+	5	A52	31	07:03	1-	5	A52
					31	07:32	2+	5	A52

