

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

P.O. Taylor, Editor
P.O. Box 1476
Boca Raton, FL 33429-1476 U.S.A.



Volume 40

Number 5

May 1984

Relative Sunspot Numbers For May 1984

R _a final			*R _I prov.		
1) 97	11) 96	21) 73	1) 97	11) 94	21) 65
2) 87	12) 96	22) 78	2) 89	12) 100	22) 77
3) 73	13) 111	23) 82	3) 68	13) 118	23) 83
4) 48	14) 95	24) 80	4) 49	14) 97	24) 86
5) 30	15) 87	25) 73	5) 38	15) 85	25) 70
6) 26	16) 97	26) 79	6) 24	16) 97	26) 87
7) 34	17) 78	27) 71	7) 35	17) 83	27) 86
8) 54	18) 67	28) 58	8) 54	18) 70	28) 63
9) 71	19) 67	29) 63	9) 72	19) 78	29) 74
10) 87	20) 63	30) 58	10) 85	20) 70	30) 70
		31) 55			31) 63

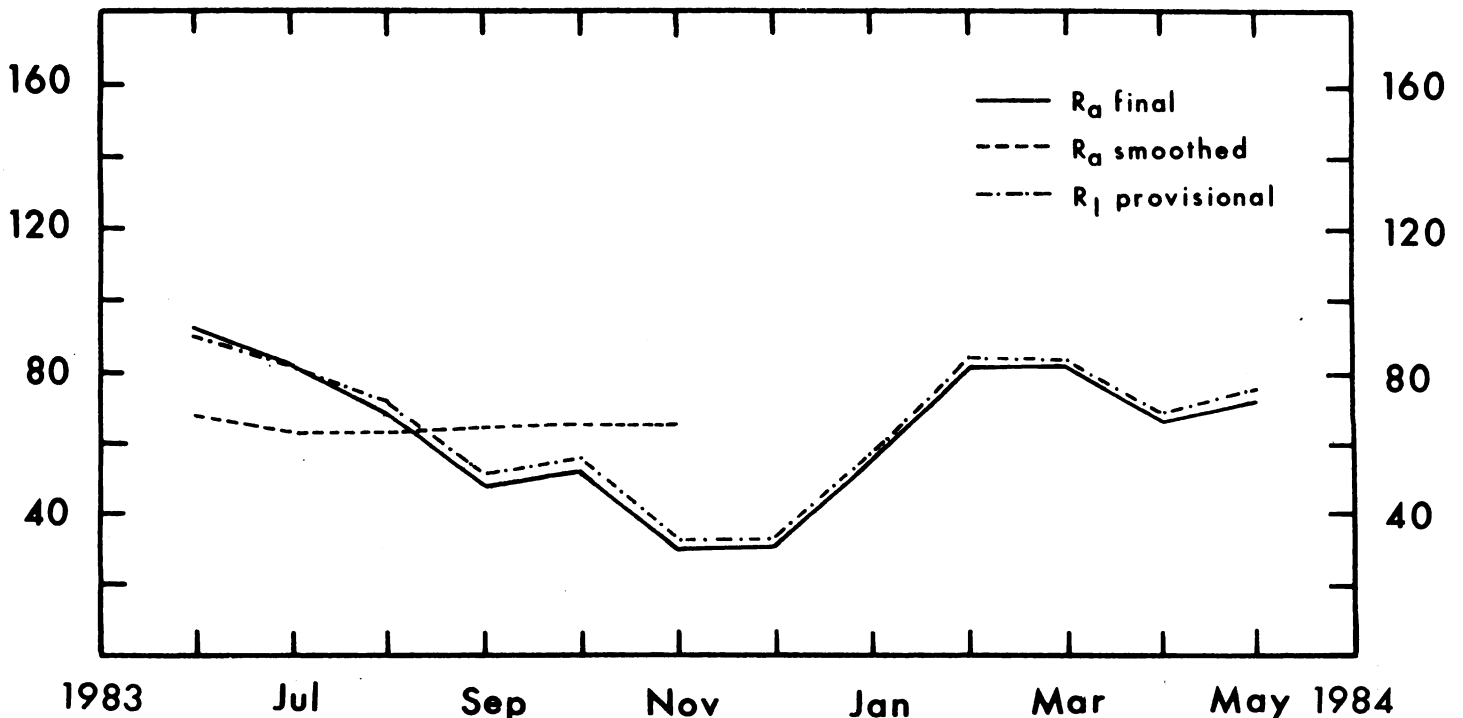
Mean = 72.1

Mean = 75.1

.....
The smoothed mean American relative sunspot number (Waldmeier equation) is 64.8 for November 1983.

R_a final was computed from the reports of 40 members of the AAVSO international sunspot-observer network.

*Sunspot Bulletin, 1984, No. 5.
.....



Sudden Ionospheric Disturbances Recorded During May 1984

Records were received from A1, 9, 19, 26, 28, 46, 49, 50, 52, 58

Day	Max	Imp	Def	Observers	Day	Max	Imp	Def	Observers
1	05:17	1	5	A52	18	19:00	1-	5	A1,19,26,49
1	06:18	1+	5	A52	18	19:23	2	5	A1,19,26,49
2	16:15	2+	5	A1,9,19,26,28,46,49,50	19	07:48	1+	5	A52
2	19:20	2+	5	A1,9,19,26,28,46,49,50	19	17:31	1+	5	A19,26,49
4	06:09	1	5	A52	19	18:14	1	5	A1,19,26,49
4	16:15	2+	5	A1,9,19,26,28,46,49,50	19	20:00	1	5	A19,26
4	18:31	2	5	A19,26	19	20:44	2	5	A1,19,26,49
4	20:39	2	5	A9,19,26,28,49	19	21:53	2+	5	A1,19,26,49
4	23:45	1-	5	A50	20	01:28	2+	5	A52
5	06:39	2+	5	A52	20	03:00	2	5	A52
5	08:52	1-	5	A52	20	04:07	1+	5	A52
5	09:07	1	5	A52	20	05:44	2	5	A52
5	11:45	2+	5	A1,19,26,28,46,52,58	20	06:18	1+	5	A52
5	14:47	1+	5	A1,9,19,26,28,46,50	20	08:22	1-	5	A52
5	16:18	1+	5	A1,9,19,26,28,46,50	20	09:01	2+	5	A52
5	18:16	2+	5	A1,9,19,26,28,46,50	20	13:37	1	5	A1,19,26,49
6	08:26	1	5	A52,58	20	15:16	2	5	A1,19,26,49
6	13:58	1+	5	A1,9,46	20	16:12	1-	5	A19,26,49
6	15:21	2	5	A1,9,19,26,28,46,49,50	20	16:43	1	5	A1,19,26,49
6	16:24	1	5	A1,9,19,26,28,46,49,50	20	18:03	1	5	A1,19,26
6	19:02	1+	5	A1,19,26,28,46,49	20	19:10	1-	5	A1,19,26,49
8	11:31	1	5	A52	20	19:30	1+	5	A1,19,26,49
8	21:04	1-	5	A1,9,19,26,50	20	21:53	1	5	A1,19,26,49
9	15:45	2+	5	A1,9,19,26,28,46,50	20	22:37	2	5	A1,19,26,49
10	15:42	1-	5	A19,26,50	21	13:36	1+	5	A1,26,49,50
10	15:53	1	5	A1,9,19,26,28,46,49,50	21	14:03	2	5	A1,19,26,49
10	17:01	1-	4	A26,28	21	15:43	1-	5	A1,19,26
10	17:22	1+	5	A1,9,19,26,28,46,49	21	16:21	1	5	A1,19,26,49
10	17:51	1	5	A1,9,19,26	21	17:20	1+	5	A1,19,26,49
11	15:00	1-	5	A1,19,50	21	17:46	1-	5	A1,19,26,49
11	15:24	1+	5	A1,9,19,50	21	18:10	2+	5	A1,19,26
11	19:49	1	5	A1,19,26,28,49,50	21	20:21	2+	5	A1,19,26,49
11	20:37	2	5	A1,9,19,26,28,49,50	22	02:52	2	5	A52
12	13:00	1	5	A1,19,26	22	04:40	1-	5	A52
12	14:23	1	5	A1,19,26,28,49	22	06:34	2+	5	A52
12	23:10	1+	5	A19,50	22	09:31	1+	5	A52
14	18:15	2+	5	A1,19,26,28,49	22	15:00	2+	5	A1,19,50,52
14	22:18	2	5	A19,26,50	23	05:13	2	5	A52
15	17:04	1+	5	A1,9,19,50	23	23:46	2	5	A50
17	14:00	1-	5	A26	24	07:01	1	5	A52
17	14:45	1	5	A19,26,50	24	09:59	1+	5	A52
17	15:30	1-	5	A19,26,50	24	14:49	1-	5	A1,19,26,50
17	18:25	1-	5	A19,26	25	08:44	3	5	A52
17	18:36	1+	5	A19,26	25	15:01	1	5	A19,26,28
18	12:04	1+	5	A19,26	25	20:00	1+	5	A19,26,28
18	12:35	1-	5	A19,26	25	21:33	2	5	A1,9,19,26,49
18	13:13	2+	5	A1,19,26,49,50	26	06:09	1+	5	A52
18	14:10	2	5	A1,19,26,49,50	26	13:20	2	5	A1,19,26,28,49
18	14:50	1	5	A1,19,26,50	31	11:44	2	5	A1,19,26,28,49,52
18	18:23	1	5	A1,26					