

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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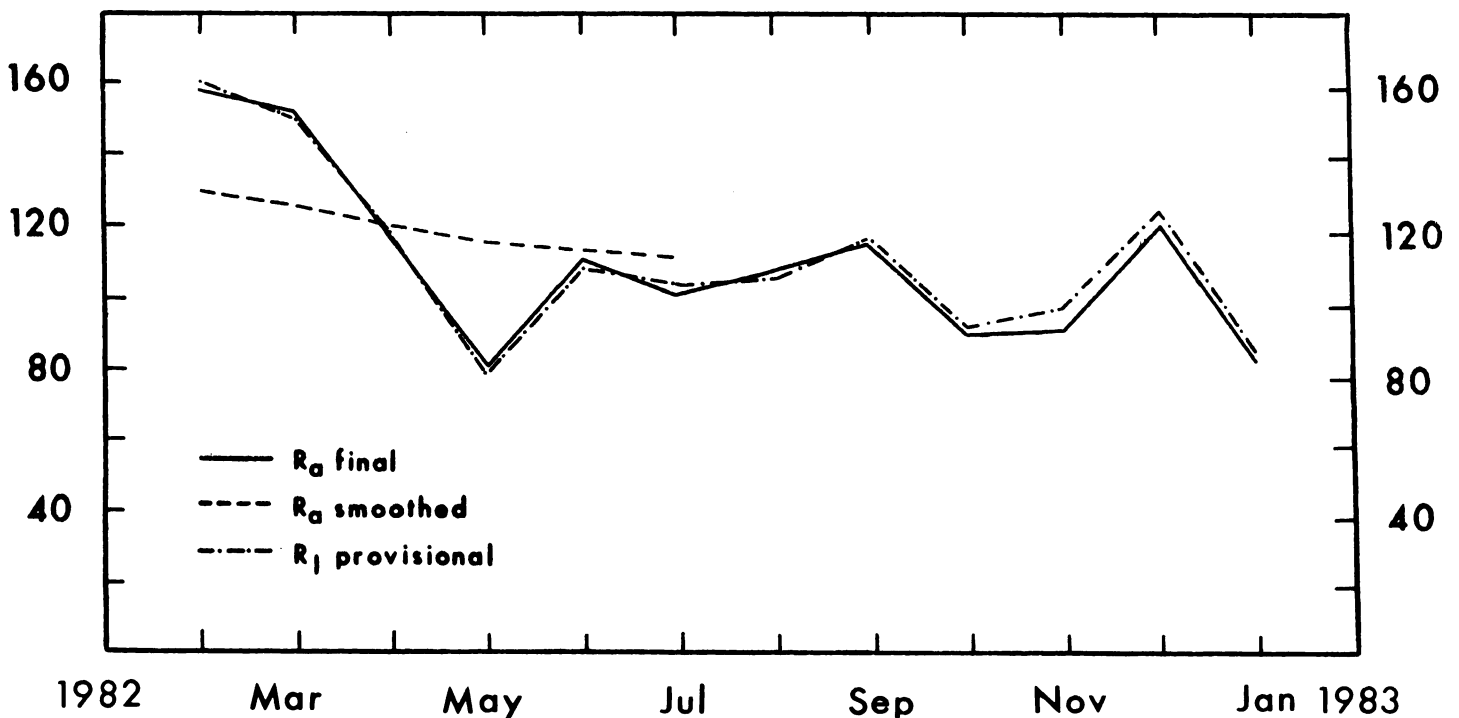
Number 1

January 1983

Relative Sunspot Numbers For January 1983

R _a final			*R _I prov.		
1) 59	11) 82	21) 69	1) 68	11) 90	21) 74
2) 58	12) 74	22) 66	2) 77	12) 77	22) 73
3) 53	13) 86	23) 56	3) 55	13) 94	23) 64
4) 60	14) 95	24) 55	4) 63	14) 92	24) 58
5) 81	15) 90	25) 73	5) 82	15) 92	25) 75
6) 101	16) 93	26) 74	6) 110	16) 89	26) 77
7) 106	17) 97	27) 74	7) 109	17) 102	27) 70
8) 105	18) 93	28) 94	8) 126	18) 86	28) 89
9) 92	19) 88	29) 94	9) 100	19) 93	29) 99
10) 94	20) 81	30) 108	10) 83	20) 81	30) 101
		31) 116			31) 110
Mean = 82.8			Mean = 85.8		

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The smoothed mean American relative sunspot number (Waldmeier equation) is 114.0 for July 1982.
R_a final was computed from the reports of 29 members of the AAVSO international sunspot-observer network.
*Sunspot Bulletin, 1983, No. 1.
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Sudden Ionospheric Disturbances Recorded During January 1983

Records were received from A1, 9, 19, 26, 28, 31, 46, 49, 50, 51, 52, 55, 56, 58

Day	Max	Imp	Def	Observers
1	00:47	1-	5	A55
1	09:53	1-	5	A52, 58
1	23:05	1-	5	A31, 55
2	02:07	1-	5	A31, 55
4	14:06	1	5	A9
5	05:54	1-	5	A52, 58
7	02:15	1-	5	A55
9	16:46	1-	5	A31
9	18:41	1-	5	A31, 50, 55
11	10:53	1-	5	A52
12	19:13	1-	5	A50
12	21:30	1-	5	A31, 49, 50, 55
13	15:52	1-	5	A31, 55
14	13:57	1	5	A19, 51
15	16:14	2	5	A19, 31, 51, 55
15	19:30	1	5	A19, 31, 51, 55
16	18:45	1	5	A19, 31, 51, 55, 56
16	23:30	1-	5	A31, 55
17	18:58	1	5	A1, 19, 26, 31, 51, 55
20	01:53	1-	5	A31, 55
20	05:43	1	5	A52
21	06:56	1-	5	A52
24	09:21	1-	5	A52
24	10:05	1-	5	A52
24	20:20	1-	5	A55
24	21:33	1-	5	A31, 55
27	03:47	1+	5	A52
29	19:37	1-	5	A19, 31, 55

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