

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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Volume 39

Number 4

April 1983

Relative Sunspot Numbers For April 1983

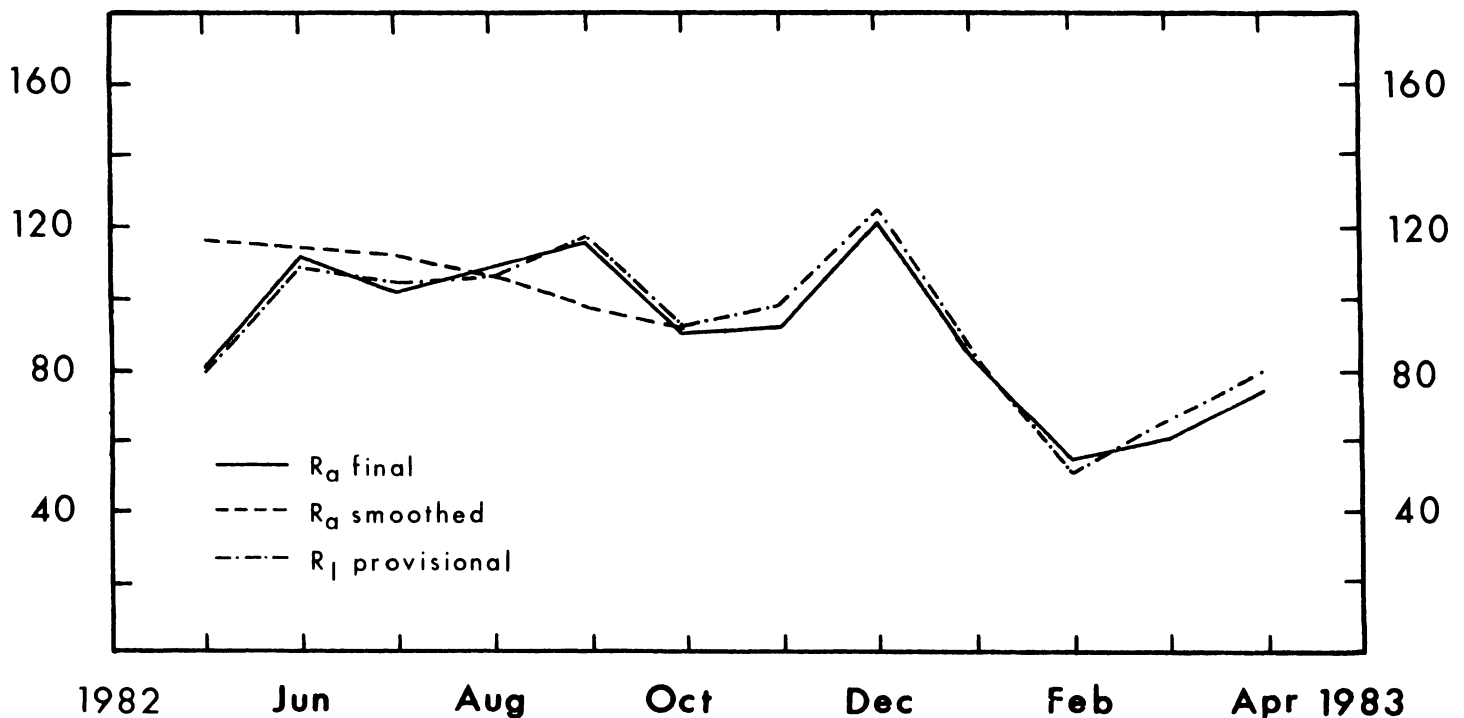
R _a final			*R _I prov.		
1) 55	11) 66	21) 77	1) 56	11) 69	21) 87
2) 56	12) 66	22) 79	2) 70	12) 61	22) 83
3) 53	13) 67	23) 77	3) 62	13) 64	23) 97
4) 47	14) 54	24) 86	4) 53	14) 64	24) 104
5) 38	15) 51	25) 106	5) 36	15) 53	25) 118
6) 47	16) 55	26) 102	6) 49	16) 63	26) 106
7) 61	17) 67	27) 115	7) 61	17) 63	27) 131
8) 57	18) 74	28) 138	8) 55	18) 75	28) 136
9) 54	19) 95	29) 130	9) 59	19) 103	29) 122
10) 63	20) 84	30) 116	10) 64	20) 90	30) 137

Mean = 74.5

Mean = 79.7

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 : The smoothed mean American relative sunspot number (Waldmeier equation) is 94.0 for
 : October 1982.
 : R_a final was computed from the reports of 31 members of the AAVSO international
 : sunspot-observer network.
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*Sunspot Bulletin, 1983, No. 4.



Sudden Ionospheric Disturbances Recorded During April 1983

Records were received from A1, 9, 19, 26, 28, 31, 46, 49, 50, 51, 52, 54, 55, 56, 58

Day	Max	Imp	Def	Observers
1	16:50	1-	5	A31, 56
3	17:16	1	5	A1, 19, 26, 31, 46, 49, 50, 51, 54, 55, 56
4	13:30	1-	5	A19, 26, 51
4	16:47	1-	5	A19, 26, 31, 46, 50, 51, 54, 55, 56
4	20:05	1-	5	A31, 55
5	02:12	1+	5	A31, 55
5	17:34	1	5	A19, 31, 49, 54, 55, 56
8	20:08	1-	5	A49
9	06:32	1+	5	A31, 52, 58
14	23:44	1-	5	A31, 46, 55, 56
15	02:15	1-	5	A31, 55, 56
15	04:52	1-	5	A52
15	06:35	1	5	A52, 55, 56, 58
15	07:00	1-	5	A56
15	15:08	1-	5	A1, 31
18	01:46	2	5	A31, 46, 55
18	19:29	1	5	A1, 19, 26, 31, 55, 56
20	17:35	1-	5	A19, 31, 49, 55
21	01:57	1-	5	A55
21	04:56	1	5	A52
21	14:37	1-	5	A19, 31, 55, 56
21	21:05	1+	5	A1, 19, 31, 49, 55, 56
21	23:33	1-	5	A31, 56
22	09:20	1-	5	A58
22	13:18	1-	5	A19, 46, 49, 54
22	14:16	1-	5	A19, 31, 46, 49, 54, 55, 56
22	15:45	1	5	A31, 56
22	16:37	1-	5	A31, 55, 56
22	18:45	1-	5	A55
23	18:13	1	5	A1, 19, 31, 49, 54, 55, 56
24	01:38	1	5	A31, 55, 56
24	15:42	1-	5	A31
25	04:45	1-	5	A52, 55
25	21:46	1-	5	A46, 55, 56
26	23:41	1-	5	A31, 55, 56
27	03:01	1-	5	A55, 56
27	14:00	1	5	A31, 49, 54, 55, 56
27	18:00	1-	5	A31, 55
27	19:34	1-	5	A31, 49, 55
27	21:30	1-	5	A31, 49, 55
27	22:12	1-	5	A31, 49, 55
28	18:46	1	5	A31, 49, 55, 56
30	00:59	1-	5	A55, 56
30	08:21	2+	5	A52, 58

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