

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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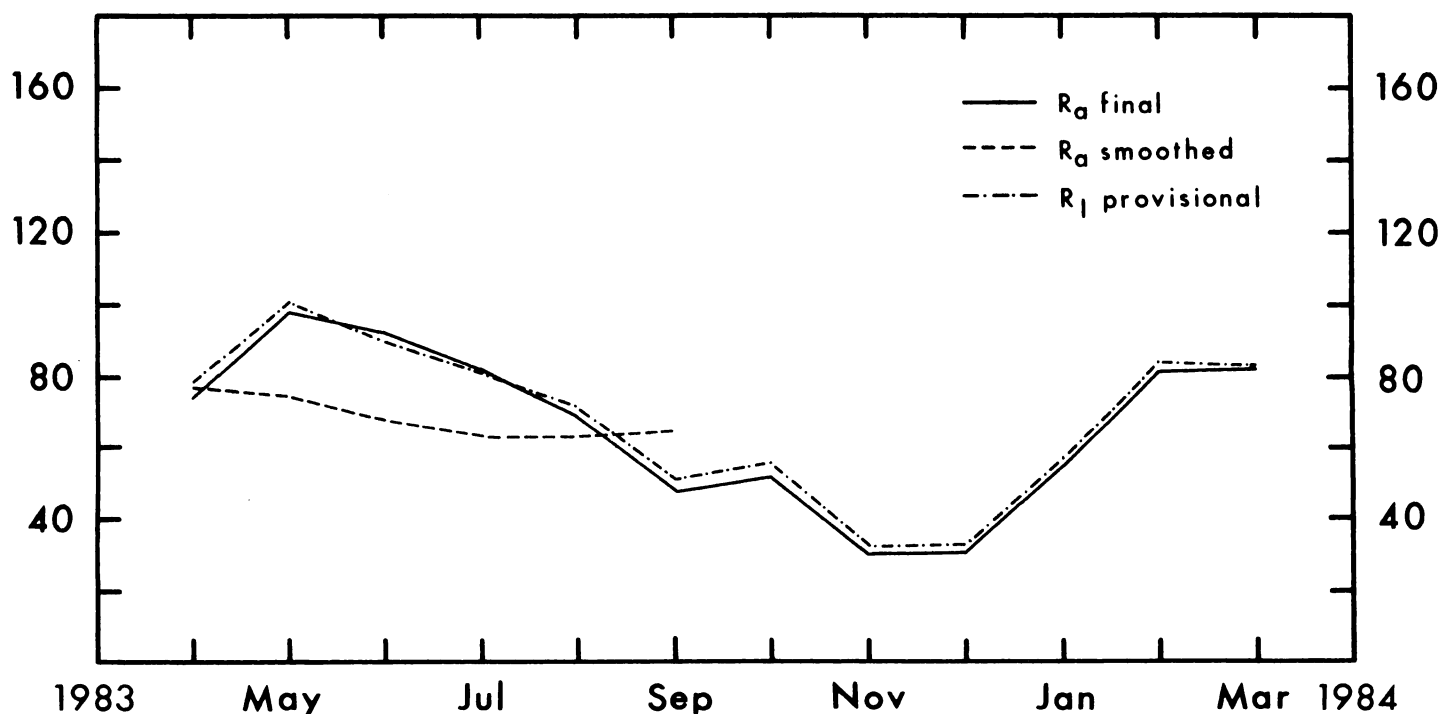
Number 3

March 1984

Relative Sunspot Numbers For March 1984

R _a final						*R _I prov.					
1)	76	11)	56	21)	96	1)	74	11)	61	21)	98
2)	74	12)	73	22)	95	2)	78	12)	72	22)	97
3)	63	13)	88	23)	84	3)	66	13)	79	23)	89
4)	57	14)	110	24)	85	4)	54	14)	98	24)	80
5)	62	15)	114	25)	96	5)	65	15)	112	25)	97
6)	49	16)	119	26)	90	6)	46	16)	117	26)	101
7)	48	17)	105	27)	87	7)	51	17)	105	27)	90
8)	56	18)	92	28)	95	8)	64	18)	92	28)	98
9)	54	19)	88	29)	97	9)	60	19)	90	29)	92
10)	44	20)	95	30)	109	10)	42	20)	103	30)	107
				31)	117					31)	113
Mean = 83.0						Mean = 83.6					

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 : The smoothed mean American relative sunspot number (Waldmeier equation) is 65.5
 : for September 1983.
 : R_a final was computed from the reports of 39 members of the AAVSO international
 : sunspot-observer network.
 : *Sunspot Bulletin, 1984, No. 3.
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Sudden Ionospheric Disturbances Recorded During March 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	07:30	1	5	A52, 58	16	04:08	1-	5	A52
1	16:14	1-	5	A26	16	07:25	1	5	A52, 58
1	19:57	1-	5	A1, 19, 26	16	08:58	2+	5	A52, 58
1	20:16	2	5	A1, 19, 26, 28	17	06:11	1+	5	A52, 58
1	21:10	1-	5	A1, 26, 49	17	09:26	2	5	A52, 58
2	04:35	1	5	A52, 58	17	15:56	1	5	A1, 26
2	06:31	1-	5	A52	19	19:21	2	5	A19, 26
2	08:04	1+	5	A52	20	15:32	2	5	A1
2	10:03	1	5	A52, 58	21	17:30	2+	5	A1, 9, 19, 26, 28, 46
2	12:50	2+	5	A1, 19, 26, 28, 52, 58	21	18:45	1	5	A1, 19, 26
2	18:01	1-	5	A1, 26	21	20:18	1	5	A26
2	19:46	1-	5	A1, 19, 26	22	08:47	2	5	A52, 58
2	20:00	2	5	A1, 9, 19, 26, 28	22	15:19	2	5	A1, 9, 19, 26, 28, 46, 49, 50
3	14:18	2	5	A26, 49	22	16:13	2+	5	A1, 19, 26, 28, 46, 49, 50
6	13:50	2+	4	A1, 19, 46	22	23:00	1	5	A50
6	18:37	2+	4	A1, 19	24	19:17	1-	5	A1, 19, 26, 46
8	09:21	1	5	A52, 58	27	14:41	1	5	A1
12	18:00	1+	5	A1, 9, 19, 26, 49	27	16:31	2+	4	A1, 46, 50
13	05:21	1+	5	A52, 58	27	19:50	1	5	A1, 9, 19, 26, 28, 46, 49, 50
13	07:30	1	5	A52, 58	27	20:11	2+	5	A1, 9, 19, 26, 28, 46, 49, 50
13	15:29	1-	5	A1, 9, 19, 46	27	21:55	2	5	A1, 9, 19, 26, 28, 46, 49, 50
13	15:43	1	5	A1, 9, 19, 46	29	03:33	2+	5	A52
14	03:35	3	5	A52	29	15:01	2+	5	A1, 9, 19, 26, 28, 46, 49, 50
14	06:49	1+	5	A52	29	17:55	2+	5	A1, 19, 26, 28, 49, 50
14	15:07	1	5	A1, 9, 19, 26, 46, 49	30	04:56	2	5	A52, 58
14	19:20	3	5	A1, 9, 19, 26, 46, 49, 50	30	06:00	2	5	A52, 58
15	06:19	2+	5	A52, 58	30	08:56	1	5	A52, 58
15	08:07	2	5	A52, 58					
15	15:31	1	5	A1, 19, 26, 46, 49					
15	17:19	1+	5	A1, 19, 26, 46, 49					
15	19:45	1	5	A1, 19, 26, 46, 49					
15	23:14	2+	4	A50					