

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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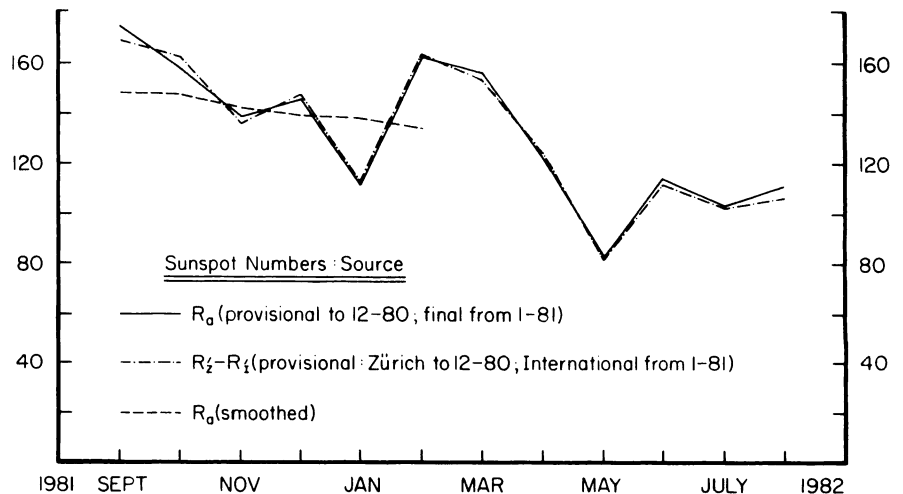
August 1982

August 1982
 RELATIVE SUNSPOT NUMBERS (R):
 AAVSO (a), INTERNATIONAL (I)

Day	R_a	R'_I
1	61	55
2	65	68
3	76	68
4	81	81
5	103	97
6	133	128
7	154	144
8	169	150
9	162	161
10	157	155
11	143	157
12	133	138
13	113	113
14	107	100
15	108	100
16	92	86
17	103	93
18	110	105
19	93	91
20	84	77
21	82	79
22	83	90
23	77	71
24	84	79
25	104	101
26	101	98
27	119	104
28	136	120
29	138	132
30	141	134
31	114	109
Mean	110.5	105.9

To regain its normal schedule, the Solar Bulletin will limit this and several following issues to data without commentary. Any researcher urgently needing data not yet published should request them directly from the Editor.

The smoothed mean sunspot number is 133.7 for February 1982.



SUDDEN IONOSPHERIC DISTURBANCES (SESs) RECORDED DURING AUGUST 1982

Records were received from A1, 9, 19, 26, 28, 31, 49, 50, 51, 54, 55, 56, 57

Day	Max	Imp	Def	Observers	Day	Max	Imp	Def	Observers
1	23:35	1-	4	A31,56	10	03:39	1-	4	A31
2	04:16	1-	4	A31,56	10	05:32	1-	5	A31,55,56
2	05:39	1-	4	A31	10	15:37	2+	5	A31
2	16:32	1	5	A9,19,26,28,31,51	10	16:30	1-	4	A31
2	17:34	2+	5	A9,19,26,28,31,51,55,56	10	18:29	1	5	A1,26,31,55
2	18:28	1-	5	A19,28,31,56	10	20:00	1	5	A31
2	21:16	1	5	A26,31,56	11	01:15	1-	4	A31
3	04:45	1-	5	A31	11	03:36	1	4	A31
3	05:07	1	5	A31	11	18:08	1-	5	A31
3	13:06	1-	5	A19,26,28,51	12	16:10	1	5	A31
3	13:32	1-	5	A19,26,28	13	15:45	1-	5	A1,9,19,26,28,31,51,55
3	15:59	1-	5	A1,19,26,28,31,51,56	13	18:24	1+	5	A1
3	18:34	2+	5	A1,9,19,26,28,31,51,55,56	13	23:08	1	5	A9,19,31,55,56
4	14:01	1-	5	A1,26,28,31,51	14	02:92	1+	5	A31,55,56
4	20:24	1-	5	A31	14	04:08	1	5	A31,55,56
4	23:46	1-	5	A31,55,56	14	05:15	1	5	A31,55,56
5	03:46	1-	5	A31,55,56	14	17:05	1-	5	A31
5	17:30	1-	5	A1,31,55	17	15:24	1+	5	A19,31,55,56,57
5	18:00	1-	5	A1,31,55	17	17:54	1	5	A9,31,49,55,56
5	21:34	1-	5	A31,55	17	20:34	1-	5	A31,56
6	13:48	1-	5	A19,26,51	18	14:53	1	5	A31,56
6	16:50	1+	5	A1,19,26,28,31,51,55	18	18:20	1-	5	A1,19,28,31,55
6	20:45	1	5	A31	18	19:16	2	5	A1,9,19,26,28,31,49,51,55,56
6	23:35	1+	5	A9,31,55,56	19	15:53	1-	5	A19,55
7	01:55	1	4	A31,56	21	13:44	1-	5	A1,19,26,31,49,51
7	12:16	1+	5	A1,19,26	21	16:16	1-	5	A31
7	15:08	1	5	A1,19,31,55	26	14:33	1-	5	A1,19,26,51
7	20:16	1-	5	A1,19,26,31,51,55	26	23:08	1+	5	A9,31,55,56
7	21:52	1-	4	A31	27	01:45	1	5	A31,55,56
8	02:09	1+	5	A31,55,56	27	03:32	1	5	A31,55,56
8	16:11	2+	5	A1,9,19,26,28,31,51,55,56,57	27	05:59	1	5	A31,56
8	18:46	1-	4	A31	27	20:17	1-	5	A31
8	19:18	1-	4	A31	28	17:53	1-	5	A1,19,26,31,51,55
9	01:00	1-	4	A31	29	03:10	1-	4	A31,55,56
9	14:53	1	4	A31	29	17:52	1-	4	A19,31
9	16:40	1-	5	A19,31	31	03:30	1	5	A31,56
9	16:53	1-	5	A31	31	02:09	1	5	A31
10	02:17	1-	4	A31	31	05:31	2	5	A31,56
10	03:16	1-	5	A31	31	17:37	2+	5	A9,19,31,55,56

