

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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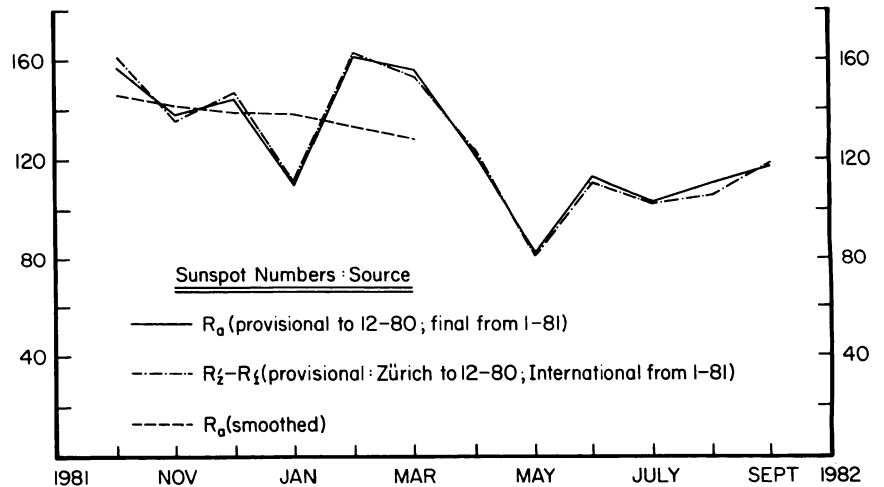
Volume 38 Number 9

September 1982

September 1982		
RELATIVE SUNSPOT NUMBERS (R):		
AAVSO (a), INTERNATIONAL (I)		
Day	R _a	R _I
1	113	115
2	131	124
3	155	146
4	168	176
5	158	160
6	145	141
7	119	117
8	115	115
9	91	100
10	82	81
11	83	86
12	79	78
13	84	81
14	104	104
15	128	129
16	129	133
17	125	127
18	107	107
19	104	117
20	102	104
21	95	102
22	95	95
23	101	97
24	106	109
25	115	118
26	130	138
27	128	133
28	138	140
29	150	144
30	155	160
Mean	117.8	119.2

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 128.8 for March 1982.



SUDDEN IONOSPHERIC DISTURBANCES (SESs) RECORDED DURING SEPTEMBER 1982

Records were received from A1, 9, 19, 26, 28, 31, 46, 49, 50, 51, 52, 54, 55, 56, 57

Day	Max	Imp	Def	Observers	Day	Max	Imp	Def	Observers
1	01:24	1	5	A31,55,56	14	01:18	1-	5	A31,55,56
1	16:23	1-	5	A19,28,31,46,51,55, 56	14	15:14	1-	4	A19,31
1	22:42	1-	5	A31	14	17:50	1-	5	A31,55,56
1	23:39	1-	5	A31,55,56	15	02:24	1-	5	A31,52,55,56
2	08:02	1-	5	A31	15	06:06	1+	5	A52
2	14:28	1-	5	A31	15	18:30	1+	5	A1,9,19,26,31,51, 54,55,56
2	18:53	2	5	A1,19,26,28,31,46, 51,55,56	16	03:15	1-	5	A56
3	15:13	1-	5	A1,19,26,51	18	19:08	1	4	A31,49
4	00:36	1-	5	A31,55,56	18	20:11	1-	5	A31
4	00:53	2	5	A31,55,56	20	14:24	1+	5	A1,19,26,31,51,55, 56
4	16:44	1-	5	A1,19,46	20	17:42	1	5	A1,31,55,56
5	20:08	1-	5	A31	21	04:00	1-	5	A31
6	00:51	1-	4	A31,56	21	19:28	2	5	A1,31,46,55,56
6	14:01	1-	4	A55	21	21:46	2+	5	A1,31,46,55,56
6	15:36	1-	4	A55	22	09:24	1	5	A52
6	18:12	1	5	A31,56	22	14:01	1-	5	A31
6	19:01	1-	4	A31,56	22	18:23	1-	5	A19,26,31,50,51,56
7	03:29	1-	4	A56	24	15:54	1	5	A55,56
7	18:28	1+	5	A31,46,56	25	14:08	1+	5	A19,31,51
8	14:19	1-	5	A31	25	20:00	1+	5	A1,19,31,46,55
9	00:35	1-	5	A31,55,56	25	21:08	1-	5	A1,19,26,31,46,51
9	11:54	1-	5	A19	26	15:29	1	5	A31,56
9	15:20	1+	5	A19,31,55,56	26	18:45	1-	4	A46
9	18:10	1+	5	A31	26	20:30	1-	5	A46
10	02:28	1-	5	A31,55,56	26	21:20	1	5	A31,46,55
10	04:45	1-	5	A31,55,56	26	23:30	1+	5	A31,46,55,56
10	08:40	1+	5	A31,55,56	27	07:28	2	4	A31
10	16:45	1	5	A31,50,56	27	23:45	1-	4	A31
11	06:44	1-	5	A31,56	29	05:16	1-	4	A31
11	12:17	1	5	A19,26,49,51	29	08:22	1	5	A52
11	17:07	2+	5	A1,9,19,26,31,46, 51,55,56	29	15:26	1	5	A50
11	21:08	1	5	A31,55,56	29	18:33	1	4	A31
12	01:30	1-	5	A31,56	30	01:43	1+	5	A31,46,52,55,56
12	16:45	1+	5	A19,31	30	06:21	1	5	A52
13	15:15	1	5	A31	30	08:34	1+	5	A52
13	15:33	2+	5	A1,19,26,31,51,55, 56	30	15:23	1-	5	A31,56
					30	16:32	1-	5	A1,50,57
					30	20:13	1-	5	A50