

# Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS — SOLAR DIVISION

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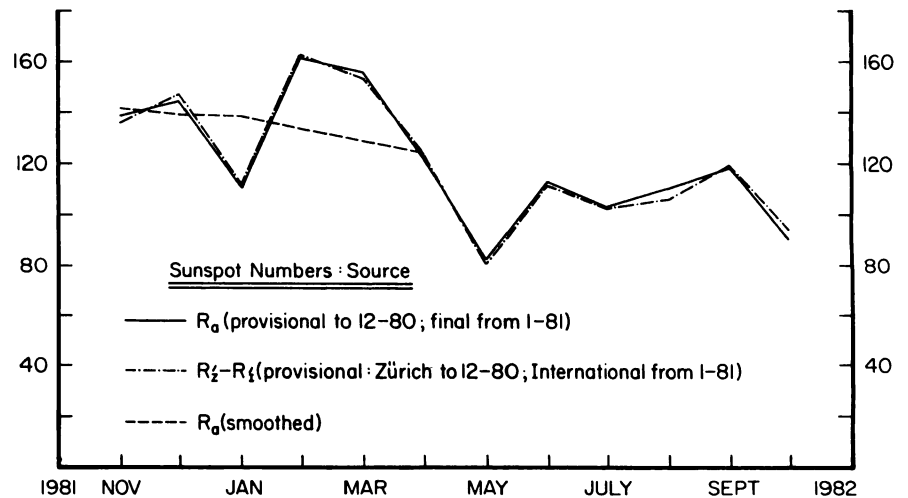
Number 10

October 1982

October 1982		
RELATIVE SUNSPOT NUMBERS (R):		
AAVSO (a), INTERNATIONAL (I)		
Day	R <sub>a</sub>	R <sub>I</sub>
1	130	132
2	147	164
3	136	143
4	115	120
5	97	109
6	54	55
7	47	54
8	54	55
9	60	54
10	82	88
11	79	87
12	87	92
13	95	98
14	82	88
15	72	71
16	59	65
17	47	54
18	37	39
19	53	56
20	73	70
21	91	91
22	104	100
23	125	128
24	130	145
25	130	134
26	129	135
27	122	131
28	98	103
29	98	94
30	90	96
31	69	73
Mean	90.1	94.3

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 123.7 for April 1982.



SUDDEN IONOSPHERIC DISTURBANCES (SESs) RECORDED DURING OCTOBER 1982

Records were received from A1, 9, 19, 26, 28, 31, 46, 49, 50, 51, 52, 54, 55, 56, 57, 58

Day	Max	Imp	Def	Observers	Day	Max	Imp	Def	Observers
1	18:23	2	5	A19,28,31,51,55,56	18	22:53	1-	5	A31
1	22:24	1-	4	A31	19	18:12	1-	5	A1,31,46,50,55
2	17:20	1	5	A9,31,55,56	20	16:39	1-	4	A31
2	18:36	1-	4	A31	21	07:00	1-	5	A52
2	23:42	1-	4	A31	21	07:48	1	5	A52
3	16:52	1-	4	A31	21	16:07	1-	5	A19,31,51
4	16:56	1-	5	A1,19,26,28,31,50,51	21	23:00	1+	5	A31,46,55,56
4	18:00	1	5	A1,26,28,46,50	22	07:15	1-	5	A52
4	21:53	1-	5	A46,50	22	14:30	1-	4	A19,26
5	16:44	1	4	A31	23	13:00	1-	5	A19,49,52,58
6	01:39	1-	5	A31,56	23	13:39	1	5	A19,49
6	02:51	1-	4	A55,56	24	05:48	1-	5	A52
6	05:56	1-	5	A52	24	07:15	1-	5	A52
6	07:51	1-	5	A52	24	08:36	1-	5	A52
6	19:39	2	4	A19,31,56	24	15:16	1	5	A1,19,26,31,49,50,51,55,58
6	23:08	1+	5	A9,31,50,55,56	25	14:08	1+	5	A1,19,31,51
7	02:57	1-	5	A31,52,55,56	25	16:00	1-	5	A1,26,31,50
7	19:10	1-	5	A31	25	23:02	1+	5	A9,19,31,50,55,56
8	19:15	2	5	A1,19,28,46,51	27	03:14	1-	5	A52,55,56
13	15:56	2	5	A28,31,51	27	04:15	1	5	A31,52,55,56
13	22:46	1+	5	A31,49,51,55,56	27	04:45	1-	5	A31,52,55
14	01:53	1	5	A31,52,55,56	27	16:33	1	5	A19,26,31,50,51,55,56
14	15:08	1-	5	A1,31,51	27	16:38	1+	5	A31,55,56
15	20:47	1	5	A1,9,31,50,55,56	27	20:22	1-	5	A1,9,19,31,50,55,56
16	08:42	1-	5	A52	31	19:21	1+	5	A1,9,31,46
16	09:51	1	5	A52					
16	16:32	1-	5	A1,50,51					

