

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS— SOLAR DIVISION

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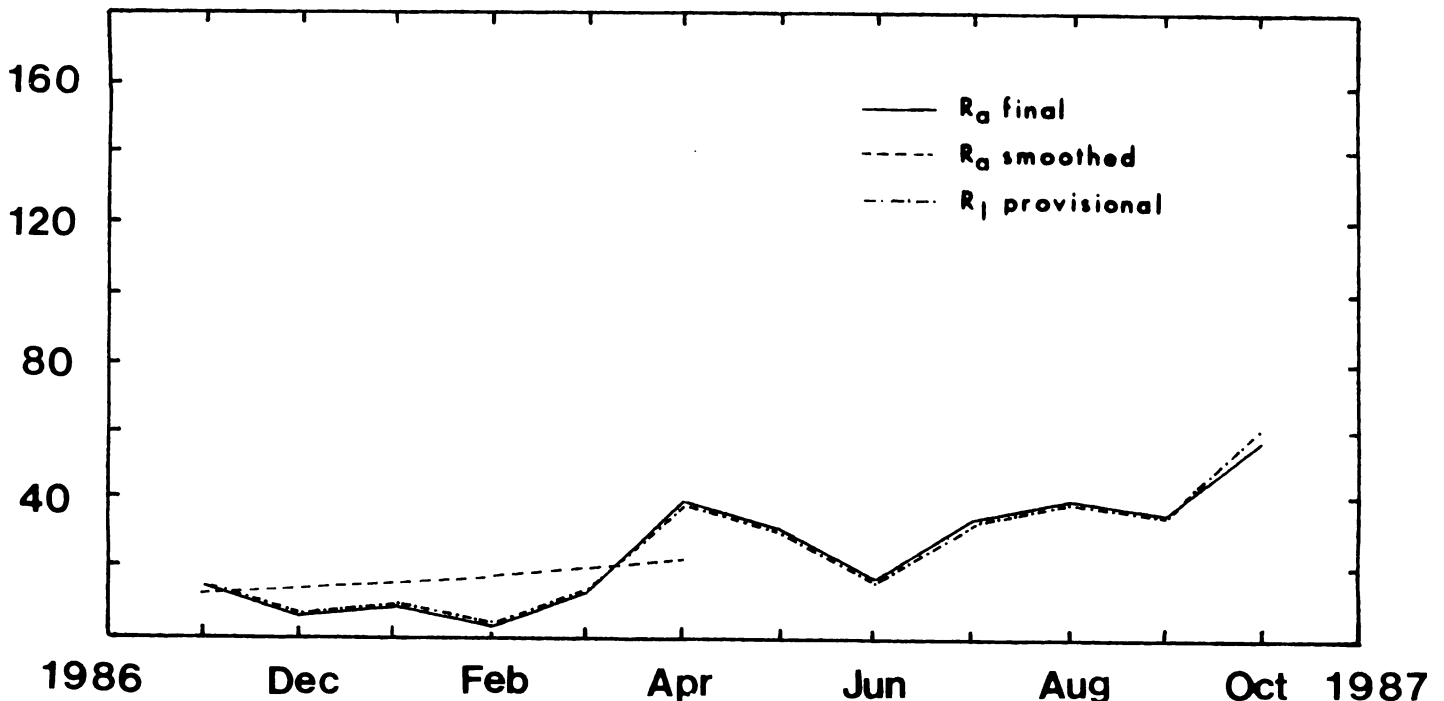
Number 10

October 1987

Relative Sunspot Numbers for October 1987

R _a final			*R _i provisional		
1) 34	11) 60	21) 58	1) 34	11) 63	21) 61
2) 26	12) 53	22) 47	2) 26	12) 53	22) 50
3) 31	13) 65	23) 29	3) 37	13) 74	23) 33
4) 52	14) 86	24) 27	4) 58	14) 92	24) 22
5) 49	15) 96	25) 25	5) 48	15) 101	25) 29
6) 40	16) 90	26) 37	6) 48	16) 101	26) 40
7) 34	17) 80	27) 58	7) 39	17) 91	27) 70
8) 48	18) 81	28) 72	8) 55	18) 86	28) 79
9) 46	19) 79	29) 74	9) 50	19) 82	29) 78
10) 52	20) 68	30) 72	10) 51	20) 79	30) 85
		31) 61			31) 78
Mean = 55.8			Mean = 61.1		

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 : The smoothed mean American Relative Sunspot Number (Waldmeier equation) is 23.2 for :
 : April 1987.
 : Note: If the present trend towards a rapid-rise continues, the maximum of cycle 22 :
 : should come earlier than expected and be of greater magnitude.
 : R_a final was computed from the reports of fifty-four members of the international :
 : network of American Sunspot Program contributors.
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 : *Sunspot Bulletin, 1987, No. 10.
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Sudden Ionospheric Disturbances Recorded During October 1987
Records were received from A1, 9, 19, 26, 46, 49, 50, 52, 59

<u>Day</u>	<u>Max</u>	<u>Imp</u>	<u>Def</u>	<u>Observer(s)</u>
15	09:12	1	5	A52
16	09:23	1	5	A52
16	10:05	2+	5	A52
17	12:29	1	5	A52
17	22:48	1	5	A9, 19
20	08:50	1-	5	A52
22	08:54	1	5	A52

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