

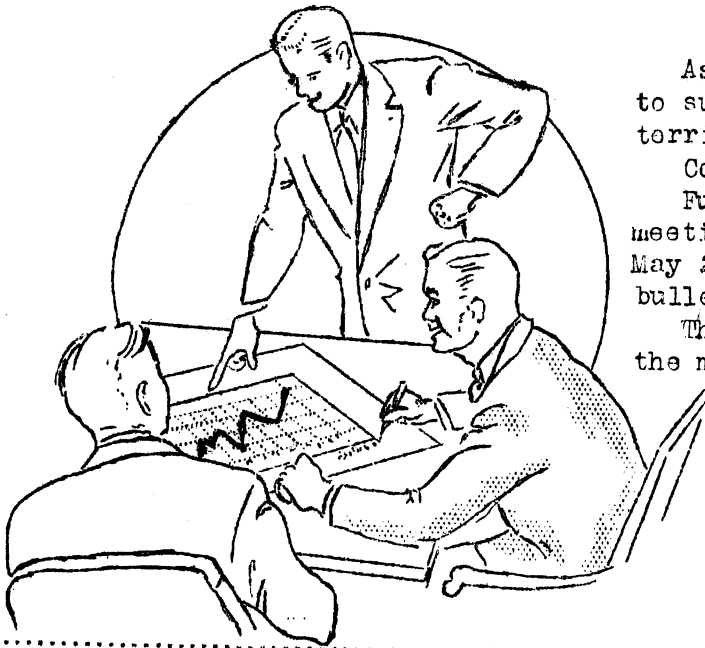
A.A.V.S.C.

SOLAR DIVISION BULLETIN

Neal J. Heines, Editor.

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560 Broadway.
Paterson 4, New Jersey.



As surprising as April was relative to sunspot activity so too was the terrific upsurge during middle May.

Counts of over 340 were made here.

Full details of the spring AAVSO meeting, at Mount Holyoke College on May 22nd., will be given in the next bulletin.

This bulletin will be short due to the many details connected with reports, papers etc attendant with organization meetings.

We are happy to report the coming Solar Conclave that is to be held at the McMath - Hulbert Observatory under the supervision of Mr. E. H. Pillsworth of Battle Creek Michigan, and the Conclave to be held in conjunction with the Northwestern Region of the Astronomical League under the

DO YOU REMEMBER MAY?

chairmanship of Mr. T. P. Maher, in June.

The Solar Division Bulletin will publish, as soon as received, full reports on these Conclaves.

STATISTICS.

The total number of observed groups for the month of April was 41.

Total number of days with spots was 30.

Zurich's Preliminary Relative Sunspot Number was for April 189.5.

*The highest number, as assigned at Solar Division Headquarters, on May 17th., was 180. This was the group on the North East limb of the sun which came from the invisible solar hemisphere

It is most important that all observers, using the Solar Division Monthly Report Form for the regular sunspot work and the Gleissberg project, prove said reports as per instructions found in the Instructions Leaflet on page 7, first paragraph, beginning with the line, "It can be seen -----".

After the report is totaled (which is a must) on the Σ (sigma) line we then have totals for headings except "c" "d" and "e".

It is easy to understand that the sum of headings "j" and "k" must equal the value of heading "f". Likewise the sum of "m" and "n" must equal "g". If this

is checked each day there will be no error on the report unless it be in the addition of heading-totals. Quite often errors are made in the posting process to the Monthly Report Form from the field book. Great care must be exercised here also.

We are pleased to add to the previous two reports on seeing conditions, That of James Hillebrand of Detroit Michigan.

1946.															
Date	Obsv.	Excellent		O		Good		O		Fair		O		Poor	
		Mino	Median	Mi	Med	Mi	Med	Mi	Med	Mi	Med	Mi	Med	Mi	Med
July	11	1198	1164	4	404	398	1	94	78	0	0	0	0	0	0
Aug	4	389	373	5	524	529	2	209	236	0	0	0	0	0	0
Sept	11	1024	1306	8	557	784	2	143	177	2	160	177	2	160	177
Oct	14	1457	1360	6	626	614	0	000	000	1	164	150	1	164	150
Nov	4	553	476	9	1247	1213	2	268	259	1	61	71	1	61	71
Dec	2	189	278	5	519	229	4	229	310	1	59	92	1	59	92
Totals	46	4810	4957	37	3732	4057	11	943	1060	5	444	490	5	444	490
		97 %		92 %		89 %		90 %							

Percentage

1947															
Jan	5	463	692	1	35	45	1	34	63	3	255	463	3	255	463
Feb	3	359	445	6	539	750	6	388	589	0	0	0	0	0	0
Mar	5	724	854	9	858	1126	3	235	326	3	179	289	3	179	289
Apr	10	1218	1489	8	645	970	5	594	699	0	0	0	0	0	0
May	5	884	963	6	1050	1211	2	299	405	1	110	170	1	110	170
Jun	8	1407	1725	11	1177	1331	3	300	348	0	0	0	0	0	0
Jul	10	1600	1598	13	2034	2086	2	425	425	0	0	0	0	0	0
Aug	16	3987	3626	7	1314	1276	3	533	544	3	512	523	3	512	523
Dec	3	362	407	1	153	147	2	203	262	1	116	110	1	116	110
Totals	65	11,004	11,799	62	8005	8938	27	2991	3661	11	1172	1556	11	1172	1556
		93 %		89 %		82 %		74 %							

Percentages

We greatly appreciate the efforts of those who have participated in this program of seeing conditions and would further appreciate other reports from the south and west of the United States as well as other countries.

One of the strange conditions of the present sunspot cycle is the absence of severe magnetic storms and phenomenal Aurorae, these are still expected and we would like to have reports of same when observed. They are expected, here, next fall so be on the lookout for them.

May 18, 1948.