

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE



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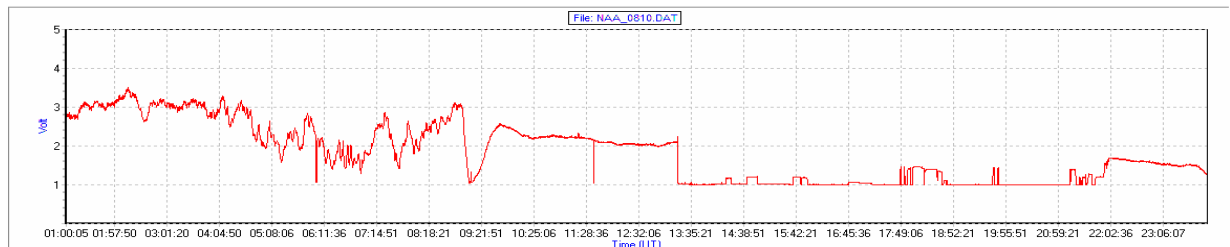


This fantastic prominence image was taken by solar observer Javier Ruiz Fernandez, of the Observatory of Cantabria, in Spain. It was shot on August 23, 2009 at 16:10UT using a TSA102, SM90 filter and DMK31 camera.

You'll note the sunspot counts for August were nil. Its really odd to see it like this even during solar minimum.

On a different note, two of our solar observers Krystyna Jaskulska (JASK) and Piotr Wirkus (WIRP) recently got married, to each other. We wish them all the best in their future together, and continued solar observing. Thanks again to all the dedicated observers who continue to patrol the sun and submit reports. Your data still counts and reflects the current status of this cycle. Don't forget to submit your images, drawings and SID plots to include in the bulletin.

Solar Events



Unfortunately August did not follow on to the short burst of solar activity we had last month. There were no correlated SID events reported this month. In fact there were no GOES-12 flares reported either. A very typical month as current activity goes. One atypical characteristic of the daily plots for those of us monitoring NAA in Cutler, Maine can be seen in the example trace provided at the top of the page. The day starts off normal when suddenly the signal goes to zero. This is followed throughout the day with short discrete on/off segments, all about the same level and with varying durations. This type of activity represents a transmitter station that is performing maintenance and/or testing of its system. All stations do this periodically so if you get this type of trace be patient and hope that the big super SID you have been waiting for doesn't happen on that day. Not much chance of that these days though.

American Relative Sunspot Numbers (Ra) for
August 2009 [**boldface = maximum, minimum**]

Day	N	Raw Mean	Ra
1	40	0	0
2	36	0	0
3	37	0	0
4	39	0	0
5	37	0	0
6	39	0	0
7	39	0	0
8	38	0	0
9	41	0	0
10	35	0	0
11	33	0	0
12	34	0	0
13	40	0	0
14	39	0	0
15	40	0	0
16	40	0	0
17	44	0	0
18	36	0	0
19	42	0	0
20	37	0	0
21	28	0	0
22	37	0	0
23	38	0	0
24	35	0	0
25	40	0	0
26	40	0	0
27	40	0	0
28	37	0	0
29	43	0	0
30	42	0	0
31	41	2	1

Means **38.3** **0.1** **0.0**

No. of Observers: 59

Total No. of Observations: 1187

Reporting Addresses:

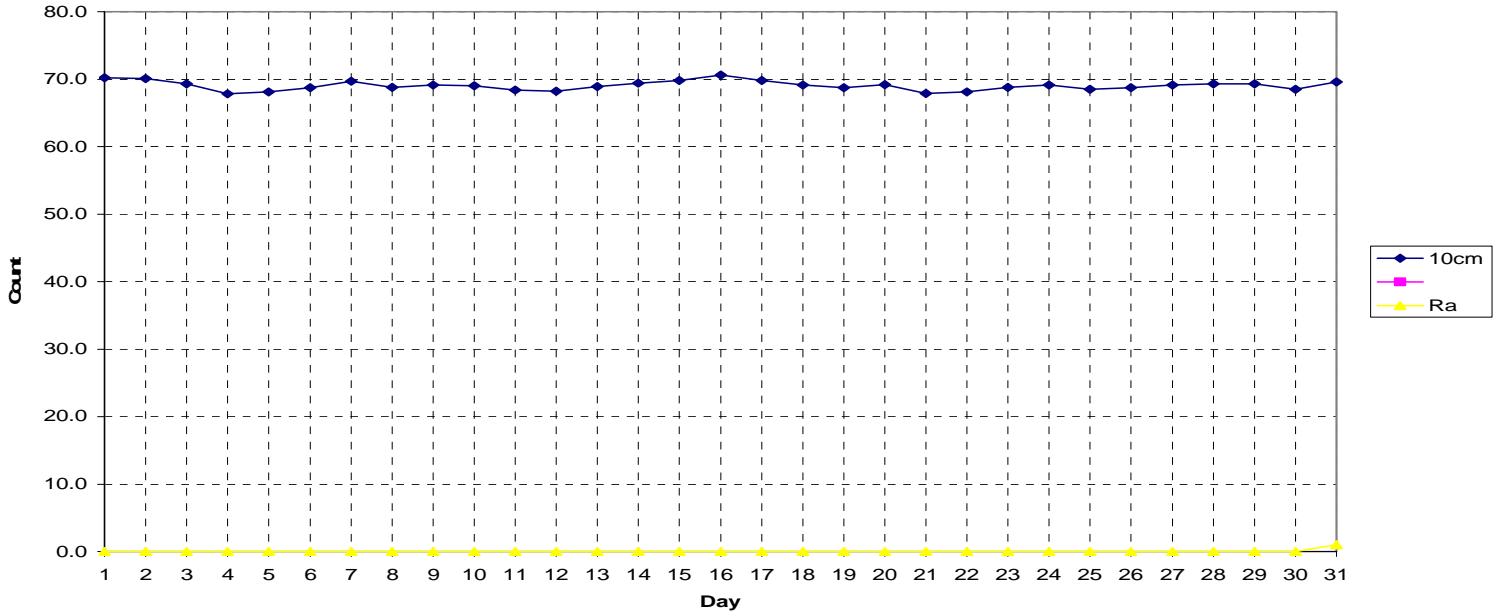
**Sunspot Reports – Email: solar@aavso.org Postal Mail: AAVSO,
49 Bay State Rd. Cambridge, MA, 02138 Fax: 617-354-0665**

**SID Flare Reports – email: noatak@aol.com Postal Mail: Mike Hill,
114 Prospect St., Marlboro, MA, 01752**

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10 cm Solar Flux and american Relative Sunspot Numbers (Ra) for August 2009
 10 cm source: ftp://lynx.drao.nrc.ca/pub/solar/FLUX_DATA/fluxtable/rolling



Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to February 2009 (Waldmeier Method)

