

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

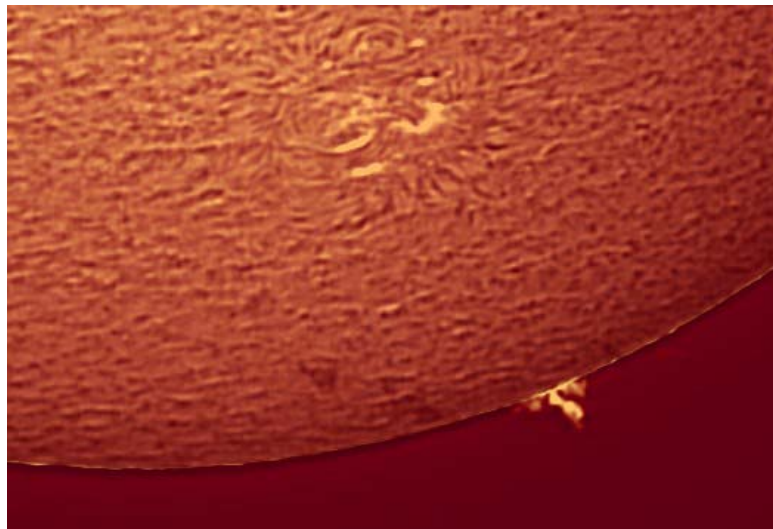
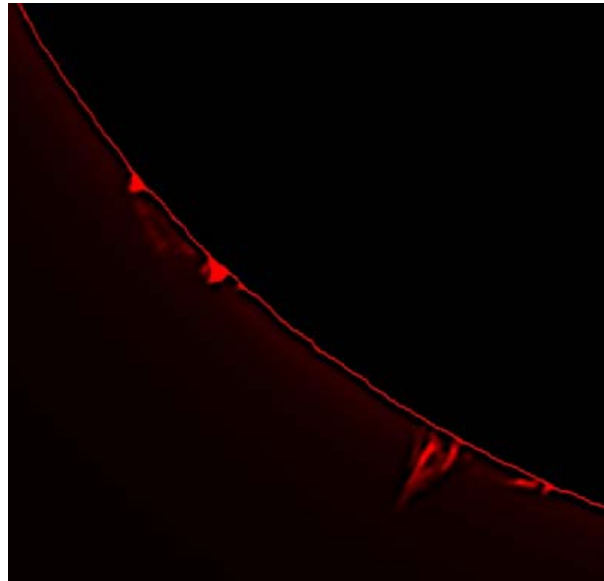


Paul Mortfield, Editor
c/o AAVSO, 49 Bay State Rd
Cambridge, MA 02138

Web: www.AAVSO.org
Email: Paul@IndustrialStars.com
ISSN 0271-8480

Volume 65 Number 9

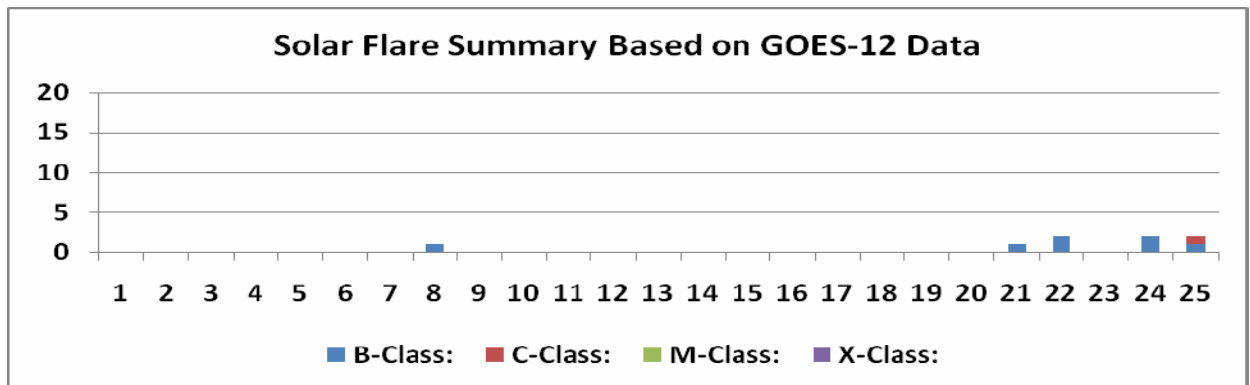
September 2009



Both images were taken by Gema Araujo of Spain. The upper image taken on Sept 6, 2009 at 07:48UT, the lower image was taken on Sept 25, 2009 at 08:36UT.

Solar Events

September was another slow month. There were 0 correlated SID events reported by observers which corresponds with the very low number of X-Ray flares detected by the GOES-12 satellite. There were only eight flare events. All were B-Class events except for one C-Class event.



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

Day	N	Raw Mean	Ra
1	40	7	4
2	39	0	0
3	38	0	0
4	46	0	0
5	40	0	0
6	38	0	0
7	33	0	0
8	36	0	0
9	36	0	0
10	35	0	0
11	35	0	0
12	34	0	0
13	30	0	0
14	31	0	0
15	31	0	0
16	33	0	0
17	32	0	0
18	30	0	0
19	41	1	0
20	45	0	0
21	35	9	6
22	33	25	17
23	34	29	21
24	40	29	21
25	32	24	17
26	39	16	12
27	34	11	7
28	32	17	13
29	32	12	9
30	30	10	7

Means 35.5 6.4 4.6

No. of Observers: 57

Total No. of Observations: 1064

Reporting Addresses:

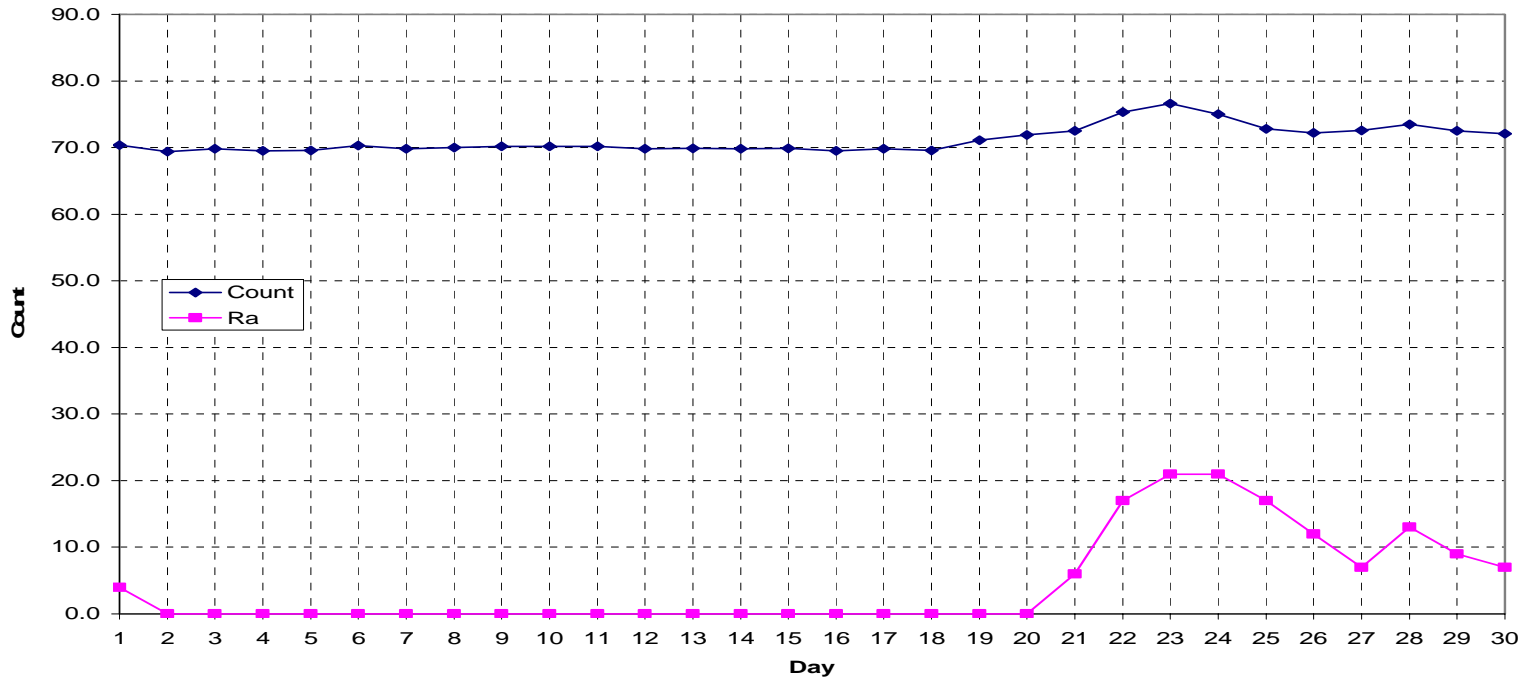
**Sunspot Reports – Email: solar@aavso.org Postal Mail: AAVSO,
49 Bay State Rd. Cambridge, MA, 02138 Fax: 617-354-0665**

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

AAP	A. Abbott	11
AJV	J. Alonso	24
ANGR	R. Ang	10
ARAG	G. Araujo	30

BARH	H. Barnes	9
BEB	R. Berg	9
BERJ	J. Berdejo	20
BLAJ	J. Blackwell	6
BMF	M. Boschat	24
BRAB	B. Branchett	31
BROB	R. Brown	30
BVC	A. Buck	30
BXD	A. Burda	27
CHAG	G. Morales	30
CKB	B. Cudnik	25
CLZ	L. Corp	11
CNT	D. Chantiles	13
CVJ	J. Carvajal	20
DEKP	P. Dekelver	21
DGP	G. Dyck	6
DUBF	F. Dubois	30
FERJ	J. Fernandez	18
FLET	T. Fleming	19
FUJK	K. Fujimori	21
HAYK	K. Hay	25
HMQ	M. Harris	19
JASK	K. Wirkus	24
KAPJ	J. Kaplan	30
KNJS	J. & S. Knight	17
KROL	L. Krozel	11
LEVM	M. Leventhal	23
MARF	F. Mariuzza	24
MEU	E. Mason	8
MILJ	J. Miller	16
MMI	M. Moeller	28
OATS	S. Oatney	18
OBSO	IPS Observatory	18
RICE	E. Richardson	16
RITA	A. Ritchie	10
RO	J. Rousum	3
SCGL	G. Schott	26
SDP	D. Sharples	1
SIMC	C. Simpson	14
STEF	G. Stefanopoulos	8
STEM	G. Stemmler	20
STQ	N. Stoikidis	21
SUZM	M. Suzuki	21
SZUM	M. Szulc	24
TESD	D. Teske	23
TJV	J. Temprano	20
URBP	P. Urbanski	28
VARG	A. Vargas	24
VIDD	D. Vidican	6
WILW	W. Wilson	22
WIRP	P. Wirkus	8
WRP	R. Wheeler	4
YESH	H. Yesilyaprak	29

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



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

