

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

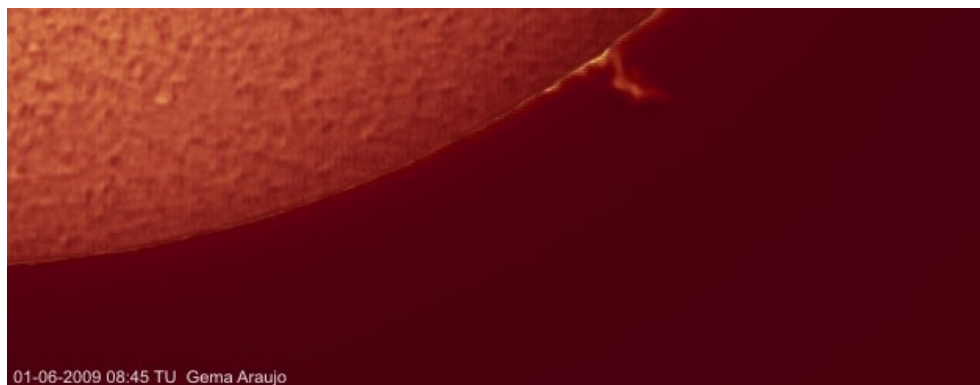


Paul Mortfield, Editor
c/o AAVSO, 49 Bay State Rd
Cambridge, MA 02138

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

Volume 65 Number 6

June 2009

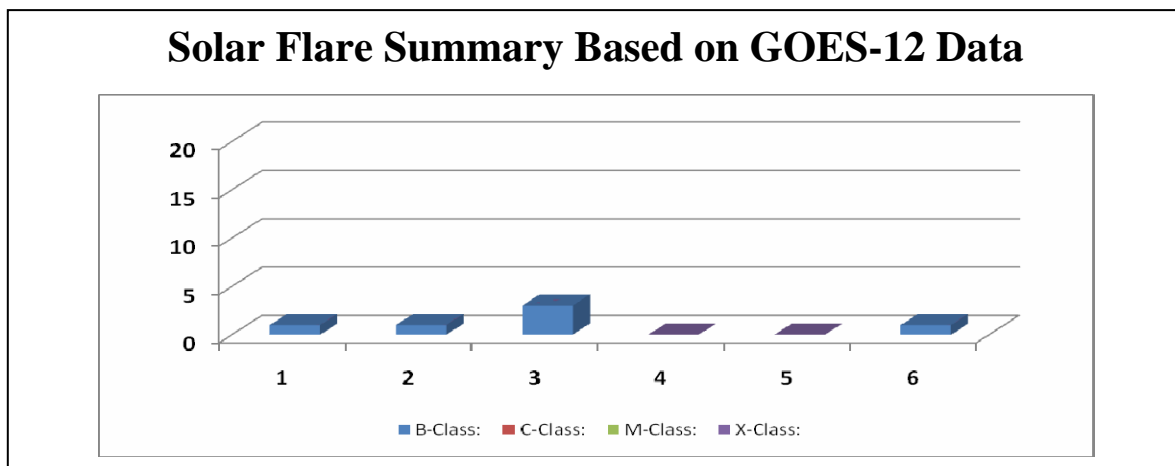


These wonderful images by solar observer Gema Araujo (www.astrosurf.com/obsolar) of Spain were made on June 1, 2009. The white light image highlights AR11019 at 07:56UT, while the H-alpha image shows a nice prominence at 08:45UT. It was nice to see some sunspot activity for a change, though only briefly.

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

June was once again a month with 0 correlated SID events. Although there has been a very little bit of activity on the sun, it has not resulted in many X-Ray flares. The GOES-12 satellite detected only six B-Class events.



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

Day	N	Raw Mean	Ra
1	35	21	15
2	44	21	15
3	35	19	14
4	31	16	11
5	27	5	3
6	33	0	0
7	39	1	0
8	29	3	2
9	32	2	1
10	32	0	0
11	32	0	0
12	37	0	0
13	42	0	0
14	39	0	0
15	31	0	0
16	30	0	0
17	34	3	2
18	32	0	0
19	31	0	0
20	43	0	0
21	38	3	2
22	33	14	10
23	37	13	9
24	36	13	9
25	32	3	2
26	37	0	0
27	41	0	0
28	36	0	0
29	33	0	0
30	36	0	0

Means **34.9** **4.6** **3.2**

No. of Observers: 61

Total No. of Observations: 1047

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**

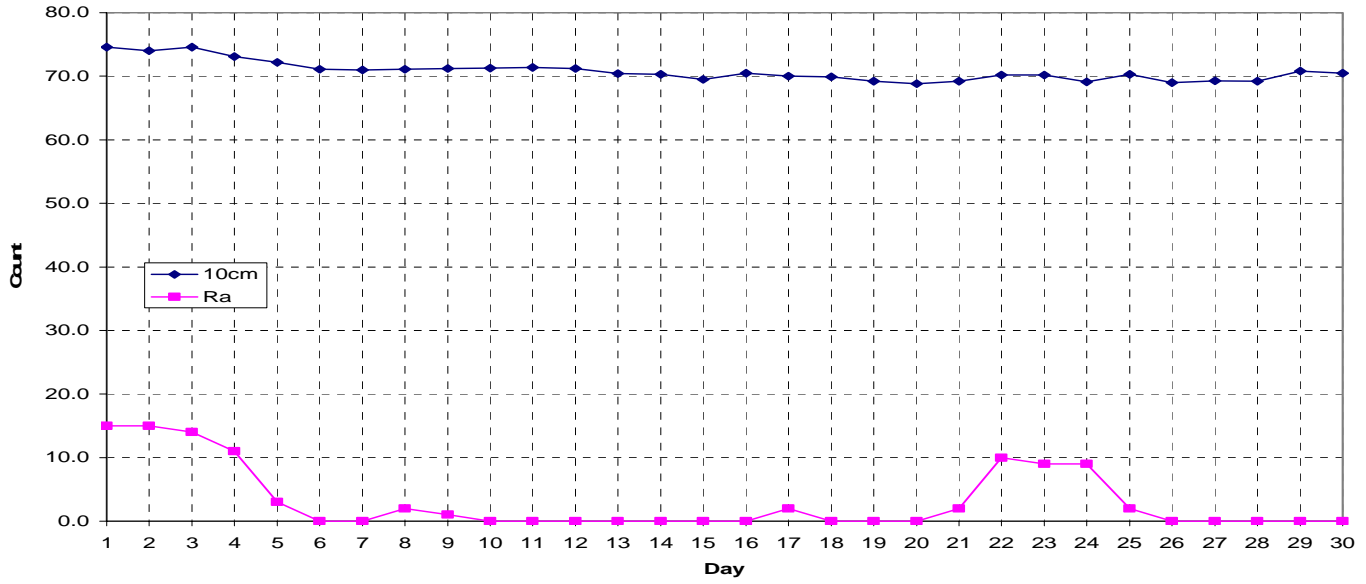
AAP	A. Abbott	17
AJV	J. Alonso	21
ANGR	R. Ang	15
ARAG	G. Araujo	30

BARH	H. Barnes	14
BATR	R. Battaiola	12
BERJ	J. Berdejo	11
BLAJ	J. Blackwell	1
BMF	M. Boschatt	15
BRAB	B. Branchett	29
BROB	R. Brown	20
BVC	A. Buck	30
BXD	A. Burda	11
CHAG	G. Morales	30
CKB	B. Cudnik	22
CLZ	L. Corp	14
CNT	D. Chantiles	15
CVJ	J. Carvajal	20
DEKP	P. Dekelver	24
DFS	S. Dufoer	18
DGP	G. Dyck	2
DUBF	F. Dubois	28
FLET	T. Fleming	16
FUJK	K. Fujimori	19
HAYK	K. Hay	13
HMQ	M. Harris	33
HRUT	T. Hrutkay	12
JASK	K. Jaskulska	15
KAPJ	J. Kaplan	22
KNJS	J. & S. Knight	21
KROL	L. Krozel	6
KUZM	M. Kuzmin	4
LARJ	J. Larriba	10
LEVM	M. Leventhal	17
LINH	H. Lindberg	21
MARE	E. Mariani	10
MCE	E. Mochizuki	19
MEU	E. Mason	5
MILJ	J. Miller	19
MMI	M. Moeller	25
OATS	S. Oatney	29
OBSO	IPS Observatory	14
RICE	E. Richardson	11
RITA	A. Ritchie	7
RO	J. Rousum	8
SCGL	G. Schott	23
SIMC	C. Simpson	12
STEF	G. Stefanopoulos	5
STEM	G. Stemmler	13
STQ	N. Stoikidis	28
SUZM	M. Suzuki	22
SZUM	M. Szulc	15
TESD	D. Teske	24
TJV	J. Temprano	21
URBP	P. Urbanski	25
VARG	A. Vargas	28

VIDD	D. Vidican	12
WILW	W. Wilson	27
WIRP	P. Wirkus	2
WRP	R. Wheeler	6

YESH H. Yesilyaprak 29

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



Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to December 2008 (Waldmeier Method)

