

Solar Bulletin



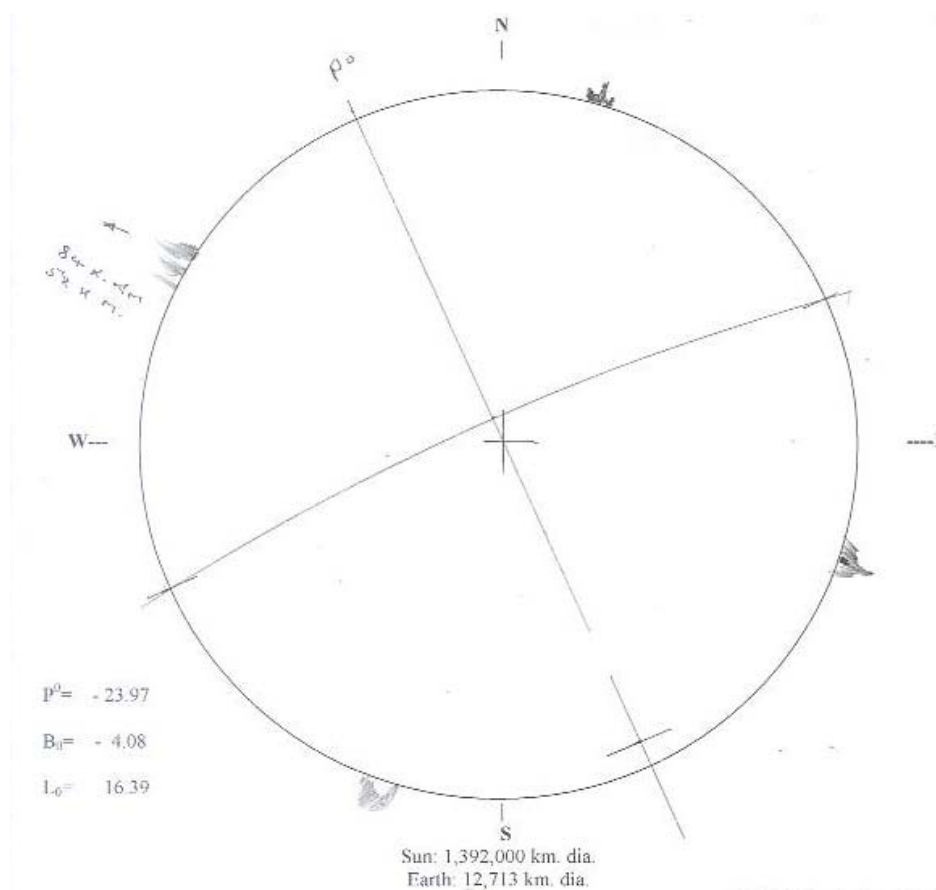
THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

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This wonderful H-alpha drawing by solar observer Monty Leventhal of the Sydney City Skywatchers, Australia was made on May 1, 2009. It clearly shows the wealth of prominences occurring in spite of the lack of sunspots and flare activity. This should at least encourage those with H-alpha capable scopes to take a quick peek.

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

April was another slow month with 0 correlated SID events. There was not even a single X-Ray flare detected by the GOES-12 spacecraft and thus no need to print a chart below. Unfortunately the lack of activity does seem to be taking its toll on the interest in SID monitoring as we had our lowest observer count for a long time this month with only 12 reports coming in. Thanks to those of you who keep faithfully sending in your report. Your continued efforts are always appreciated.

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

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

Means 30.6 0.6 0.4

No. of Observers: 52

Total No. of Observations: 917

Reporting Addresses:

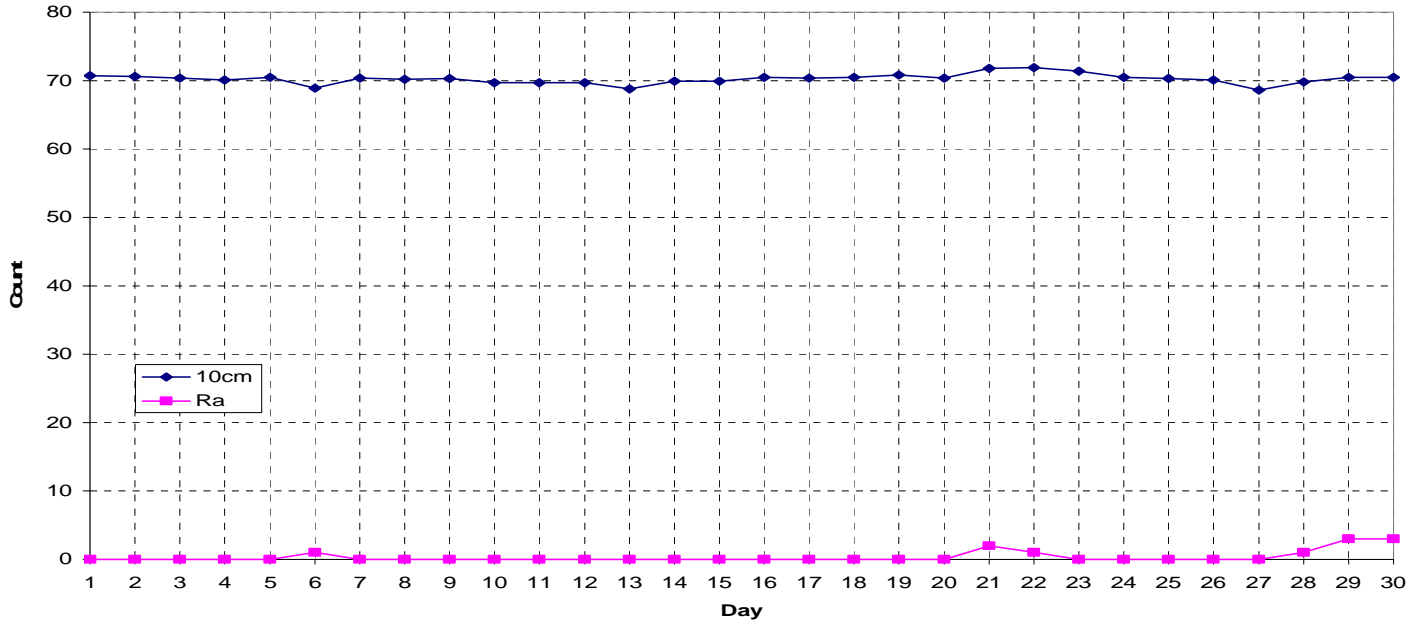
**Sunspot Reports – Email: solar@aavso.org Postal Mail: AAVSO,
 49 Bay State Rd. Cambridge, MA, 02138 Fax: 617-354-0665**

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

R. Battaiola	BATR	5
J. Berdejo	BERJ	9
J. Blackwell	BLAJ	11
M. Boschat	BMF	19
B. Branchett	BRAB	30
R. Brown	BROB	17
A. Burda	BXD	7
G. Morales	CHAG	26
B. Cudnik	CKB	28
L. Corp	CLZ	13
D. Chantiles	CNT	12
J. Carvajal	CVJ	7
P. Dekelver	DEKP	18
S. Dufoer	DFS	18
J. Fernandez	FERJ	19
T. Fleming	FLET	20
K. Fujimori	FUJK	24
K. Hay	HAYK	18
M. Harris	HMQ	29
T. Hrutkay	HRUT	14
K. Jaskulska	JASK	25
J. Kaplan	KAPJ	21
J. & S. Knight	KNJS	19
L. Krozel	KROL	4
M. Leventhal	LEVM	23
E. Mariani	MARE	6
F. Mariuzza	MARF	22
E. Mochizuki	MCE	17
E. Mason	MEU	3
J. Miller	MILJ	7
M. Moeller	MMI	29
S. Oatney	OATS	10
E. Richardson	RICE	14
A. Ritchie	RITA	12
G. Schott	SCGL	27
C. Simpson	SIMC	11
G. Stemmler	STEM	22
N. Stoikidis	STQ	16
M. Suzuki	SUZM	24
D. Teske	TESD	29
J. Temprano	TJV	18
P. Urbanski	URBP	30
A. Vargas	VARG	21
D. Vidican	VIDD	20
W. Wilson	WILW	23
P. Wirkus	WIRP	21
R. Wheeler	WRP	2
H. Yesilyaprak	YESH	25

J. Alonso	AJV	18
R. Ang	ANGR	18
G. Araujo	ARAG	28
H. Barnes	BARH	8

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



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

