

# Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE



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The AAVSO had its annual meeting in October and as part of our solar committee report it was an honor to announce solar observation awards. Please join me congratulating the following solar observers on their achievements:

## Sunspot Observation Awards

Gema Araujo  
Javier Ruiz  
K. Fujimori  
John Kaplan  
James & Shirley Knight  
Gerd-Lutz Schott

Gerhard Stemmler  
H. Takuma  
William M. Wilson

## SID Observation Awards

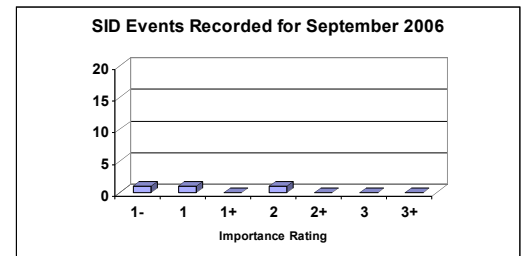
Paul Campbell  
Larissa Observatory



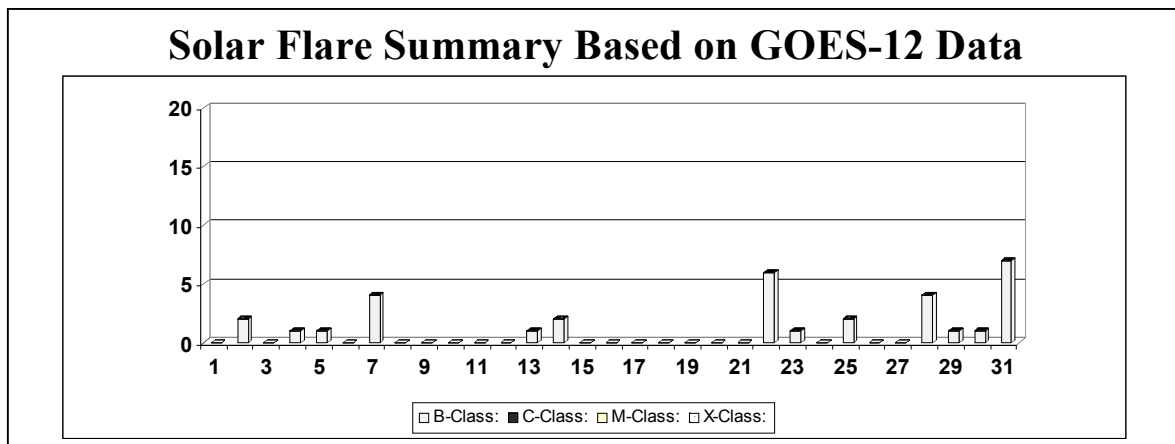
Pictured above is SID Award recipient Nick Stoikidis, Director of Larissa Observatory in Greece standing beside his 160mm f/15 triple solar telescope. You can find out more about their solar, PEP and education programs at [www.larobs.gr](http://www.larobs.gr)



# Solar Events



SID Activity for October was almost non-existent, only a bit higher than the low recorded back in February. We had only 3 correlated SID events this month and all of them were of low importance rating. This corresponds to the the matching low activity level seen by the GOES-12 satellite which recorded only 34 X-Ray flares. All of these in fact were lower B-Class events. The activity that remained high however was yours. Even though the sun is very quiet, a lot of you are still faithfully keeping watch and reporting in. Only those that reported SID events show up in the bulletin above and in the SID Database file on the AAVSO web site but rest assured your reports are recorded in the observer database that I maintain. Thanks, as always, to all of you for your data.



American Relative Sunspot Numbers (Ra) for  
October 2006 [**boldface = maximum, minimum**]

October 2006 Sunspot Observers

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

Means        **28.7**        **13.6**        **9.6**

No. of Observers: **60**

Total No. of Observations: **889**

AAP	A. Abbott	2
AJV	J. Alonso	10
ANGR	Raymund Ang	13
ARAG	G. Araujo	28
BARH	H. Barnes	6
BATR	R. Battaola	2
BEB	R. Berg	23
BERJ	J. Berdejo	11
BLAJ	J. Blackwell	13
BMF	M. Boschat	17
BRAB	B. Branchett	30
BRAM	M. Bradbury	2
BRAR	R. Branch	24
BROB	R. Brown	29
BYG	Y. Brovarets	33
CHAG	G. Morales	26
CKB	B. Cudnik	25
CLZ	L. Corp	7
COMT	T. Compton	8
CVJ	J. Carvajal	9
DEJV	J. van Delft	14
DGP	G. Dyck	14
DUBF	F. Dubois	24
FERJ	J. Fernandez	17
FLET	T. Fleming	24
FUJK	K. Fujimori	25
GFT	F. Gobet	12
GOEM	M. Goetz	1
HALB	B. Halls	4
HAYK	K. Hay	5
KAPJ	J. Kaplan	22
KNJS	J. & S. Knight	25
KQR	R. Kinne	7
KROL	L. Krozel	1
LARJ	J. Larriba	6
LERM	M. Lerman	4
MARE	E. Mariani	8
MARJ	J. Maranon	18
MCE	E. Mochizuki	22
MCHL	L. McHenry	3
MEU	E. Mason	10
MMI	M. Moeller	24
OATS	S. Oatney	17
OBSO	IPS Observatory	10
PEKT	R. Pektas	18
RICE	E. C. Richardson	14
RITA	A. Ritchie	23
SCGL	G. Schott	19
STEF	G. Stefanopoulos	5
STEM	G. Stemmler	16
STQ	N. Stoikidis	12
SUZM	M. Suzuki	25
SZUM	M. Szulc	25
TESD	D. Teske	26
TJV	J. Temprano	6
URBP	P. Urbanski	22
VARG	A. Vargas	18
WILD	D. Williams	1
WILW	W. Wilson	21
WRP	R. Wheeler	3

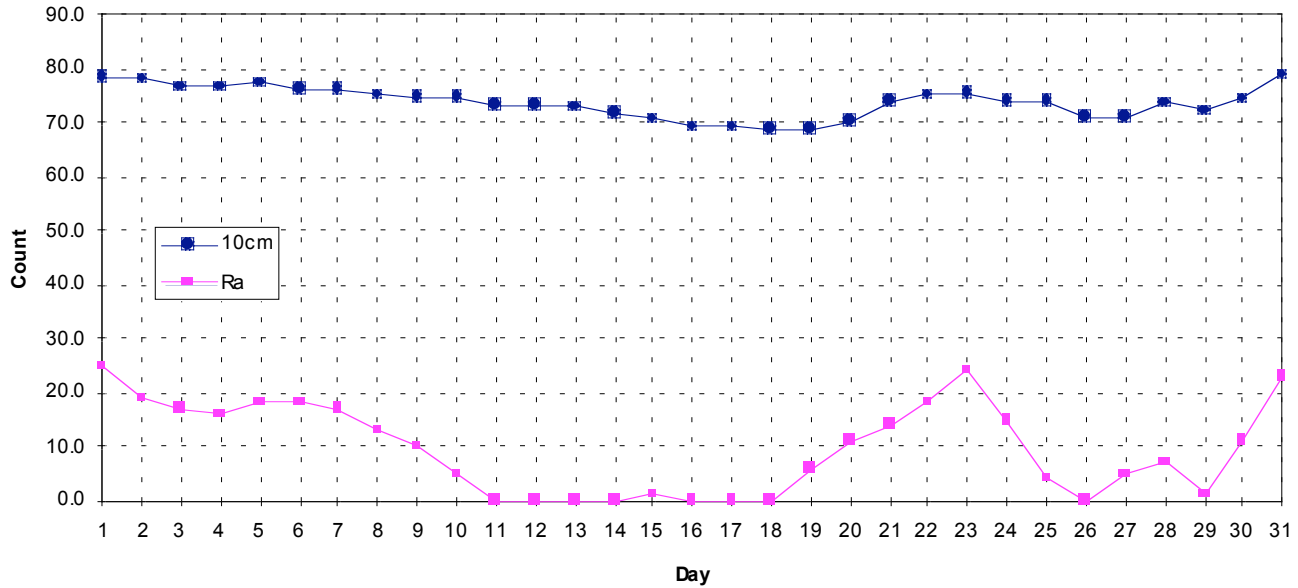
Reporting Addresses:

Sunspot Reports – Email: [solar@aavso.org](mailto:solar@aavso.org) Postal Mail: AAVSO,  
25 Birch St. Cambridge, MA, 02138 Fax: 617-354-0665

SID Flare Reports – email: [noatak@aol.com](mailto:noatak@aol.com) Postal Mail: Mike Hill,  
114 Prospect St., Marlboro, MA, 01752

### 10 cm Solar Flux and American Relative Sunspot Numbers (Ra) for October 2006

10cmsource: <http://www.drao.nrc.ca>



### Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to April 2006 (Waldmeier Method)

