

Solar Bulletin



THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

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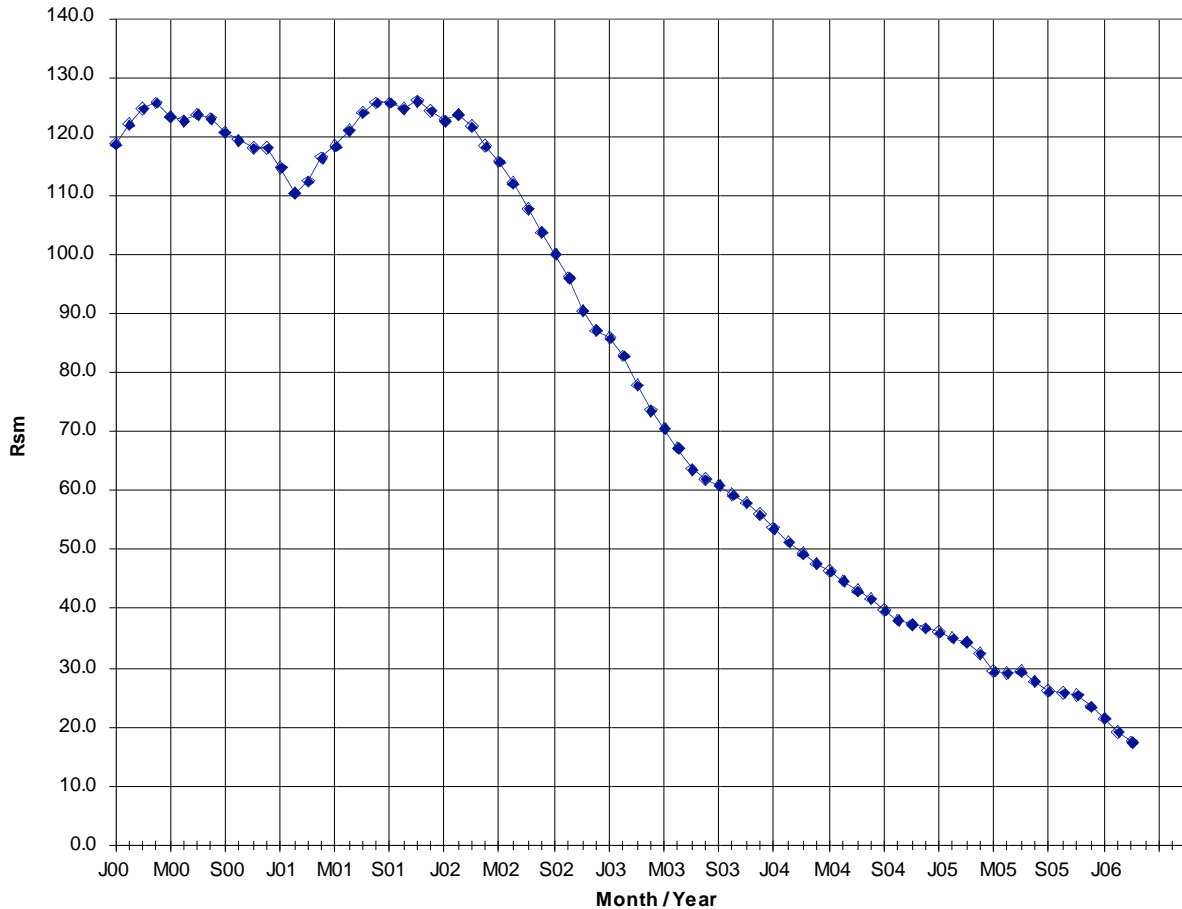
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ISSN 0271-8480

Volume 62 Number 9

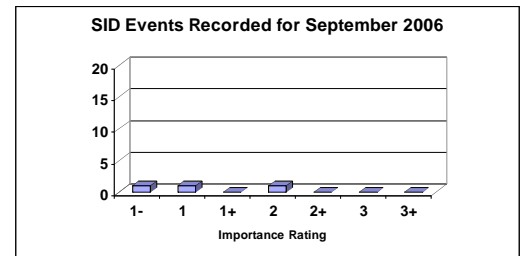
September 2006

Solar activity continues to decline as noticed by the sunspot and SID data. Its also pretty easy to see from the graph below of smoothed sunspot numbers covering the past six years. Thanks again to all our contributing observers. Please send more photos and drawings as I'd like to include them in the bulletin.

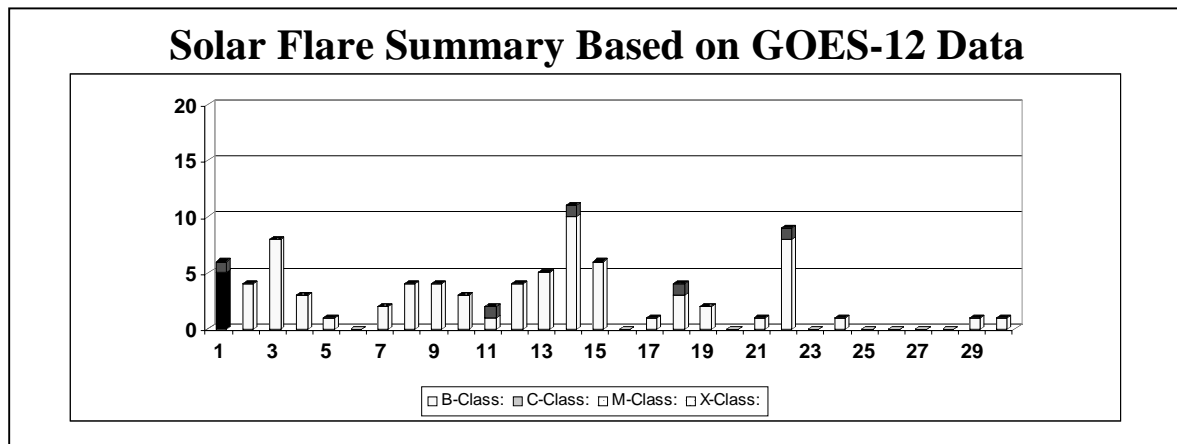
Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to March 2006
(Waldmeier Method)



Solar Events



September was an exceptionally slow month for SIDs. Most observers reported having recorded no SIDs for the month. There were 3 correlated events however, most of them of low importance rating. The GOES-12 satellite recorded 94 X-Ray events. Of these most were B-Class events although 5 were C-Class. As can be seen from the GOES data summary below, the end of the month was especially inactive. Thanks to all of you who reported in.



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

September 2006 Sunspot Observers

Day	N	Raw Mean	Ra
1	35	27	19
2	32	16	10
3	37	0	0
4	38	2	1
5	40	22	15
6	33	38	28
7	40	45	32
8	40	43	31
9	38	43	31
10	43	44	32
11	39	35	25
12	25	27	19
13	28	26	19
14	27	15	10
15	38	14	10
16	33	16	11
17	34	17	12
18	34	11	8
19	32	11	8
20	39	12	9
21	30	13	9
22	29	17	12
23	29	12	8
24	29	12	8
25	31	5	3
26	30	3	2
27	29	4	3
28	30	19	13
29	33	36	25
30	32	38	27

Means 33.6 20.7 14.7

No. of Observers: 61

Total No. of Observations: 1007

AAP	A. Abbott	14
AJV	J. Alonso	10
ARAG	G. Araujo	27
ARE	R. Allesse	1
BARH	H. Barnes	7
BEB	R. Berg	21
BERJ	J. Berdejo	12
BLAJ	J. Blackwell	1
BMF	M. Boschhat	18
BRAB	B. Branchett	28
BRAM	M. Bradbury	4
BRAR	R. Branch	30
BROB	R. Brown	30
BYG	Y. Brovarets	32
CAMP	P. Campbell	4
CHAG	G. Morales	29
CKB	B. Cudnik	25
CLZ	L. Corp	8
COMT	T. Compton	8
CVJ	J. Carvajal	7
DEJV	J. van Delft	23
DGP	G. Dyck	11
DUBF	F. Dubois	28
FERJ	J. Fernandez	20
FLET	T. Fleming	25
FUJK	K. Fujimori	18
GFT	F. Gobet	18
HALB	B. Halls	12
HAYK	K. Hay	4
JENS	S. Jenner	6
KAPJ	J. Kaplan	22
KNJS	J. & S. Knight	28
KROL	L. Krozel	2
KUZM	M. Kuzmin	1
LARJ	J. Larriba	9
LERM	M. Lerman	10
MARE	E. Mariani	10
MARJ	J. Maranon	29
MCE	E. Mochizuki	18
MCHL	L. McHenry	3
MEU	E. Mason	3
MMI	M. Moeller	18
OATS	S. Oatney	19
RICE	E. Richardson	17
RITA	A. Ritchie	17
SCGL	G. Schott	26
SIMC	C. Simpson	12
STAB	B. States	28
STEM	G. Stemmler	25
STQ	N. Stoikidis	23
SUZM	M. Suzuki	24
SZUM	M. Szulc	28
TESD	D. Teske	29
TJV	J. Temprano	14
URBP	P. Urbanski	22
VARG	A. Vargas	23
VIDD	D. Vidican	9
WILD	D. Williams	1
WILW	W. Wilson	28
WRP	R. Wheeler	5
YESH	H. Yesilyaprak	23

Reporting Addresses:

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

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

10 cm source: <http://www.drao.nrc.ca/icarus>

