

# Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

Carl E. Feehrer, Editor  
9 Gleason Rd.  
Bedford, MA 01730



Email: cfeehrer@hotmail.com

ISSN 0271-8480

Volume 62 Number 2

February 2006

**Table I. American Relative Sunspot Numbers (Ra) for February 2006 [boldface = maximum, minimum]**

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

**Table II. February 2006 Observers**

2 AAP P.Abbott	21 KAPJ J.Kaplan
13 AJV J.Alonso	17 KNJS J.Knight
15 ANGR R.Ang	1 KROL L.Krozel
20 ARAG G.Araujo	6 LARJ J.Larriba
15 BARH H.Barnes	9 MMI M.Moeller
2 BATR R.Battaiola	21 OATS S.Oatney
5 BEB R.Berg	9 OBSO IPS Observatory
9 BERJ J.Berdejo	1 OYE Y.Ogmen
6 BLAJ J.Blackwell	11 RICE E.Richardson
18 BMF M.Boschat	26 RITA A.Ritchie
25 BRAB B.Branchett	7 SCGL G.Schott
21 BRAD D.Branchett	13 SCHG G.Scholl
26 BRAR R.Branch	5 SIMC C.Simpson
23 BROB R.Brown	3 STEF G.Stefanopoulos
3 CAMP P.Campbell	12 STEM G.Stemmler
23 CHAG G.Morales	17 STQ N.Stoikidis
17 CKB B.Cudnik	21 SUZM M.Suzuki
11 CLZ L.Corp	13 SZAK K.Szatkowski
6 COMT T.Compton	13 SZUM M.Szulc
26 CR T.Cragg	16 TAKH H.Takuma
11 DEJV J.van Delft	16 TESD D.Teske
20 DGP G.Dyck	7 TJV J.Temprano
13 FERJ J.Fernandez	9 URBP P.Urbanski
15 FLET T.Fleming	21 VARG A.Vargas
19 FUJK K.Fujimori	4 WILD D.Williams
5 GOEM M.Goetz	12 WILW W.Wilson
9 HAYK K.Hay	6 WRP R.Wheeler
5 JENJ J.Jenkins	16 YESH H.Yesilyaprak

## Reporting Addresses

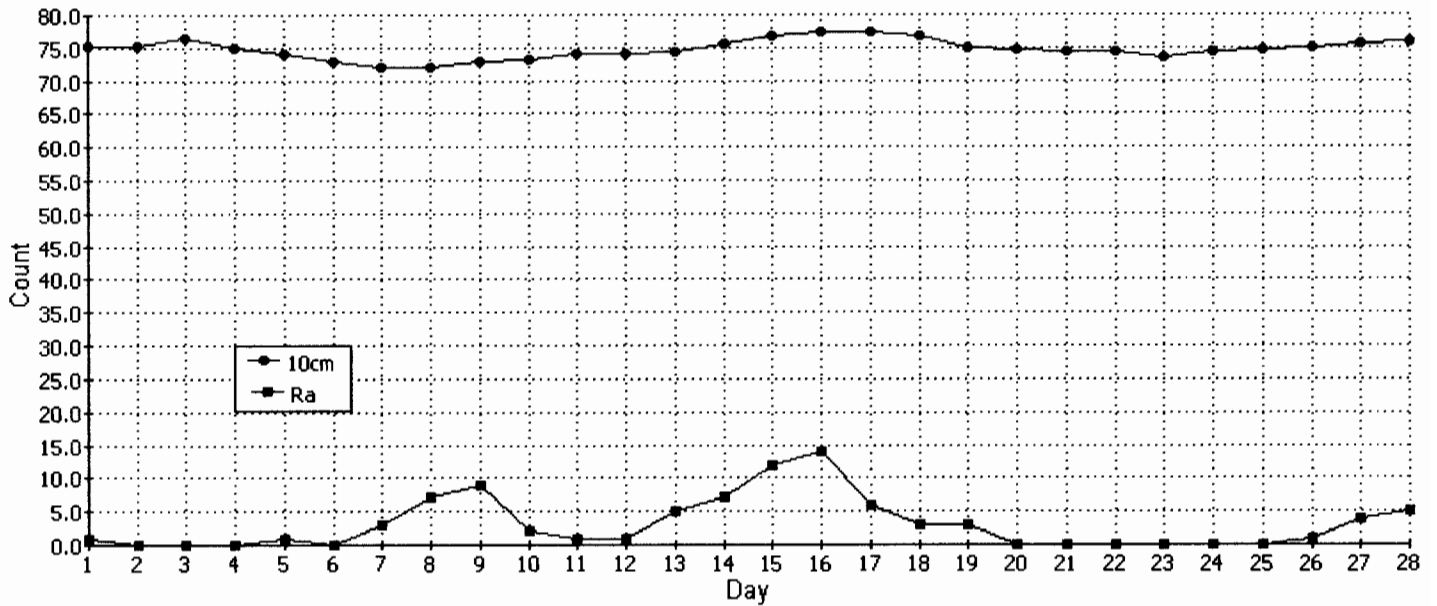
**Sunspot Reports -- email:** solar@aaavso.org  
**postal mail:** AAVSO, 25 Birch St. Cambridge, MA 02138  
**FAX (AAVSO):** (617) 354-0665

**SID Solar Flare Reports -- email:** noatak@aol.com  
**postal mail:** Mike Hill  
114 Prospect St. Marlboro, MA 01752

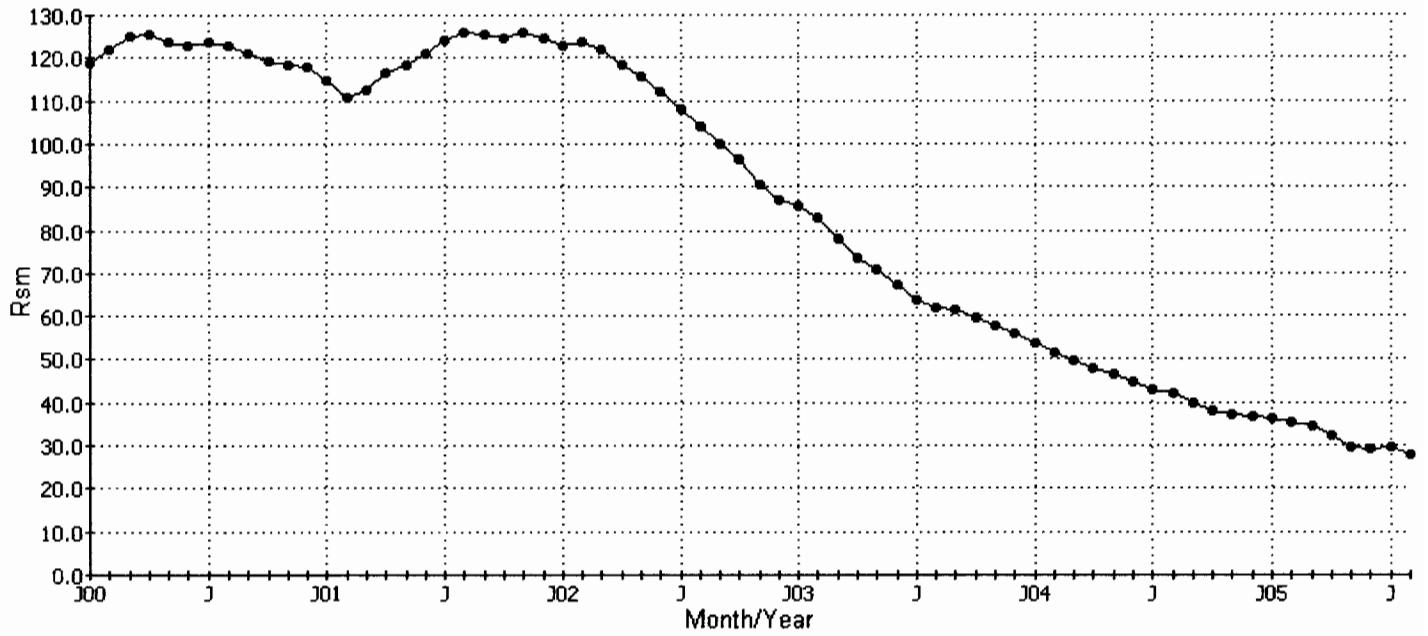
Means: 29 4.4 3.0

Total No. of Observers: 56

Total No. of Observations: 716



**Fig. 1. 10 cm Solar Flux and American Relative Sunspot Numbers (Ra) for February 2006.**  
 10 cm source: <http://www.drao.nrc.ca/icarus>



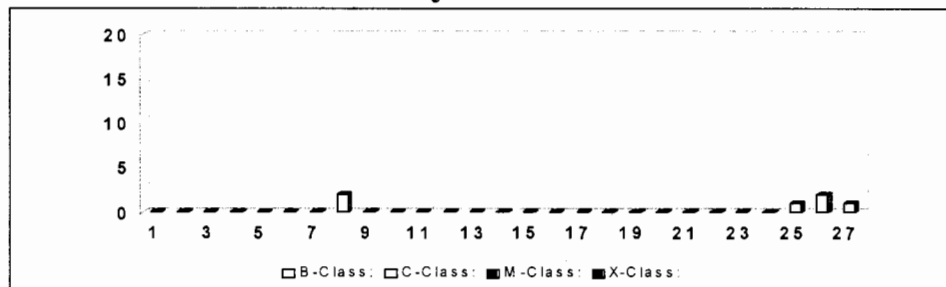
**Fig. 2. Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to August 2005 (Waldmeier Method).**



# Solar Events

As much as I have talked about slow months in the past, no month can or will be slower than this. We had ZERO Correlated SID Events this month even though 14 of you dutifully kept watch and reported in. This in an interesting month in it's own respect. The GOES Satellite only reported 6 X-Ray events, and all of them were B-Class. A few of you did report in with some events; Suprising since I had received so many reports on non-activity. That is OK though, better to be on the side of caution but do use this as a chance to get a feel for what are false positives with your particular reception characteristics. Thanks to all of you for reporting your results. Some day soon the sun will be sure to get active again. As you may have read the next solar max is predicted to be one of the more active cycles so that is something to watch build over the next five or six years. We certainly will be starting from a memorable lull in activity. Although I usually only include observer ID codes with the SID Database monthly record file if some or all of your data correlated with other observers events, this month I have included all of the observer ID codes just for the record of the observers reporting in for the month we had no events in this cycle (first time). I will continue to do this as long as we have months with no correlated events reported. The SID Database can be accessed from the AAVSO-SID web page.

## Solar Flare Summary Based on GOES-12 Data



February 2006