

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

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

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

Means: 26.7 14.0 9.9

Total No. of Observers: 57

Total No. of Observations: 827

Table II. March 2006 Observers

8 AAP P.Abbott	12 KAPJ J.Kaplan
12 AJV J.Alonso	18 KNJS J.Knight
12 ANGR R.Ang	2 KROL L.Krozel
21 ARAG G.Araujo	7 LARJ J.Larriba
12 BARH H.Barnes	27 MCE E.Mochizuki
5 BATR R.Battaiola	3 MENM M.Menegotto
3 BEB R.Berg	8 MMI M.Moeller
15 BERJ J.Berdejo	16 OATS S.Oatney
9 BLAJ J.Blackwell	17 OBSO IPS Observatory
17 BMF M.Boschat	11 RICE E.Richardson
30 BRAB B.Branchett	22 RITA A.Ritchie
28 BRAD D.Branchett	18 SCHG G.Scholl
22 BRAR R.Branch	2 SDP D.Sharples
17 BROB R.Brown	7 SIMC C.Simpson
15 BYG Y.Brovarets	12 STEF G.Stefanopoulos
2 CAMP P.Campbell	15 STEM G.Stemmler
26 CHAG G.Morales	16 STQ N.Stoikidis
21 CKB B.Cudnik	18 SUZM M.Suzuki
6 CLZ L.Corp	26 SZAK K.Szatkowski
12 COMT T.Compton	27 SZUM M.Szulc
20 DEJV J.van Delft	25 TESD D.Teske
16 DGP G.Dyck	15 TJV J.Temprano
21 FERJ J.Fernandez	24 URBP P.Urbanski
22 FLET T.Fleming	21 VARG A.Vargas
4 GOEM M.Goetz	3 VIDD D.Vidican
6 HAYK K.Hay	9 WILD D.Williams
13 JAMD D.James	24 WILW W.Wilson
4 JENS S.Jenner	5 WRP R.Wheeler
	18 YESH H.Yesilyaprak

Reporting Addresses

Sunspot Reports -- email: solar@aavso.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

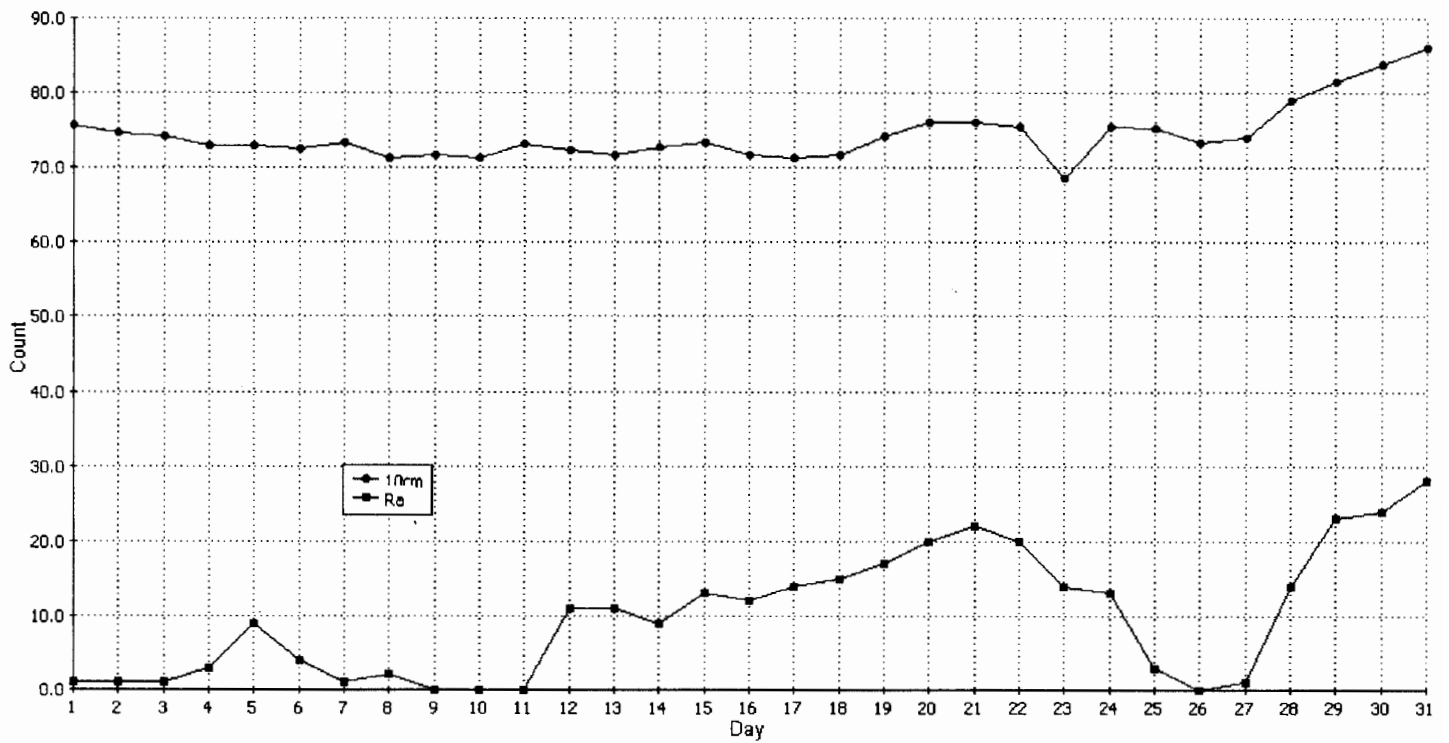


Fig. 1. 10 cm Solar Flux and American Relative Sunspot Numbers (Ra) for March 2006.
 10 cm source: <http://www.drao.nrc.ca/icarus>

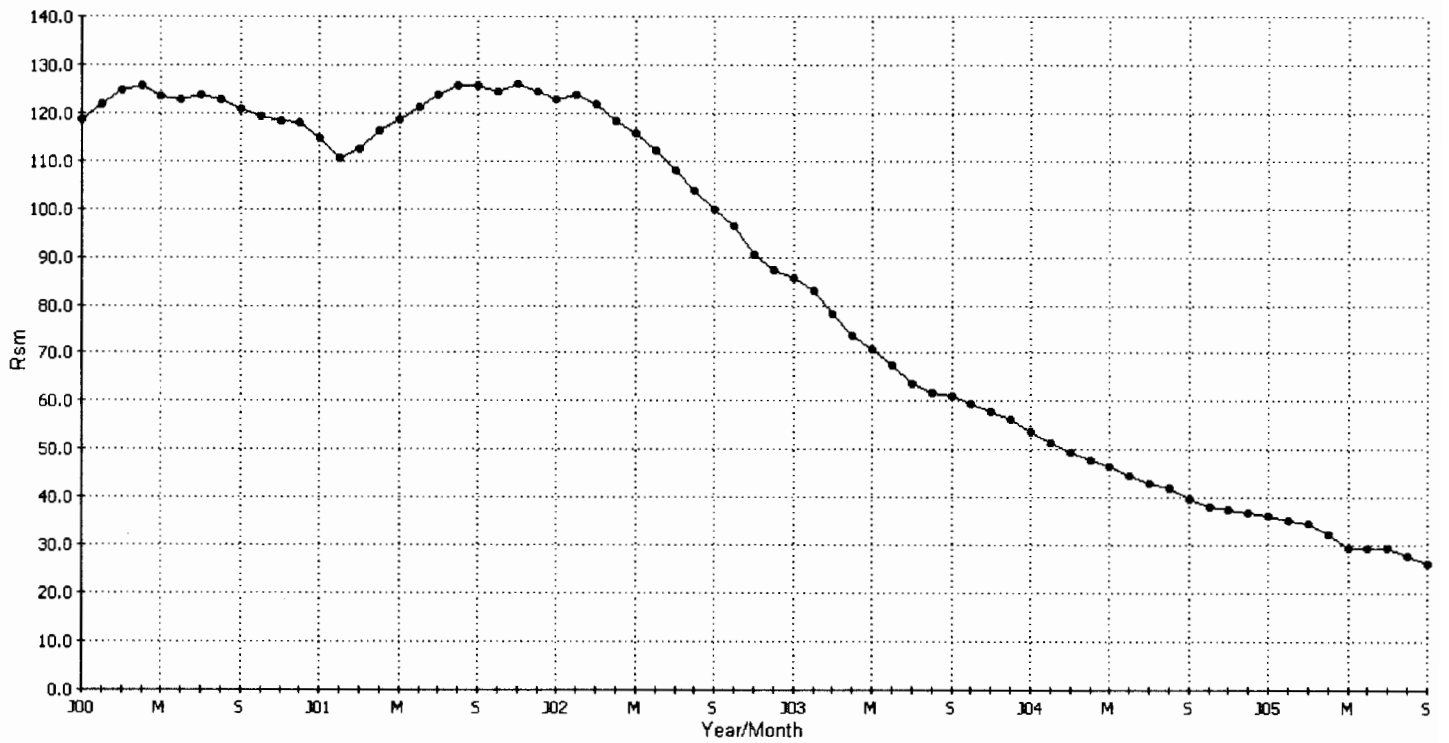
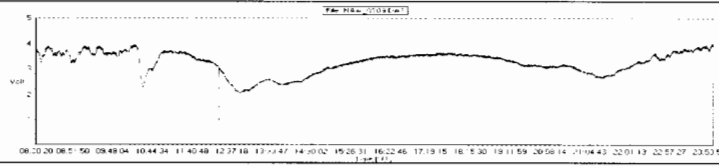


Fig. 2. Smoothed Mean Sunspot Numbers (Rsm) from January 2000 to September 2005 (Waldmeier Method).

Sudden Ionospheric Disturbance Report

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 Marlborough, MA 01752 USA
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Sudden Ionospheric Disturbances (SID) Recorded During March 2006

(Analysis performed by Michael Hill, SID Analyst)

Date	Max	Imp	Date	Max	Imp	Date	Max	Imp
060314	1222	2						
060321	0947	1+						
060321	1634	1						

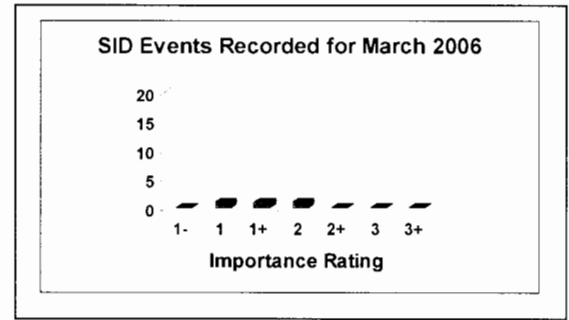
Importance rating:	Duration (min)	1-: <19	1: 19-25	1+: 26-32	2: 33-45	2+: 46-85	3: 86-125	3+: >125
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Observer	Code	Station(s) monitored	Observer	Code	Station(s) monitored
A Clerkin	A29	NAA			
J Winkler	A50	NAA NML NPM			
P King	A80	FTA			
M Hill	A87	NAA			
J Mandaville	A90	NPM			
G Di Filippo	A93	HWU			
J Wallace	A97	NAA			
F Steyn	A102	NWC			
P Mortfield	A108	NAA			

The events listed above meet at least one of the following criteria

- 1) Event reported by two or more observers within ±5 minutes
- 2) Event matched to GOES-8 XRA event to within ±15 minutes and event time < 1000 UT
- 3) reported by observer with a quality rating > 8 (scale 1-10)

Solar Events



March was another slow month for SID events. Only three this time around. Most of the activity was in the latter half of the month as can be seen by the GOES-12 data plot. There were only 60 X-Ray events recorded and of those all but six were B-Class. The rest were only C-Class events, all occurring on the 21st, the busiest day of the month.

Thanks to all of you for reporting in even if your report was one of no SID events recorded..

