

Solar Bulletin

THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS - SOLAR COMMITTEE

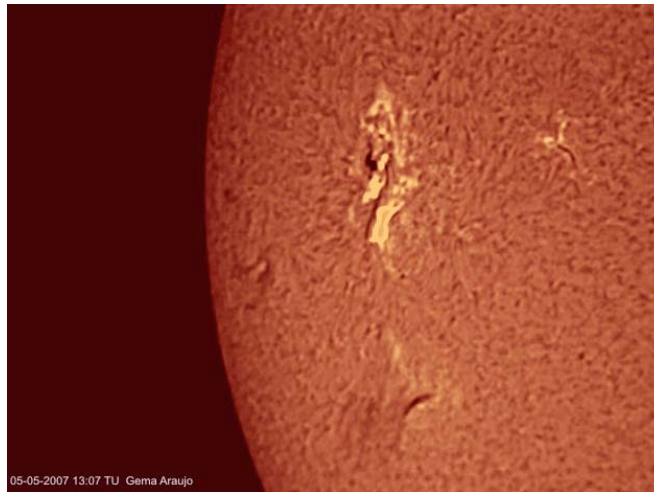


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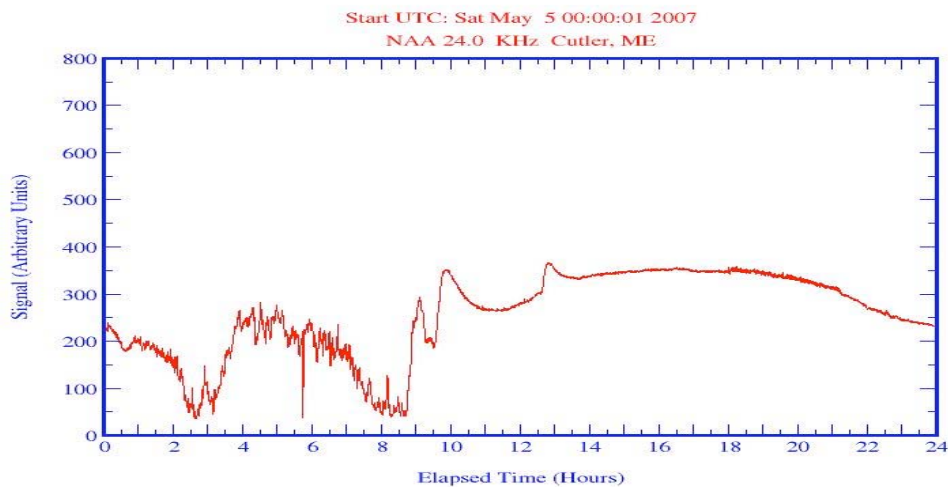
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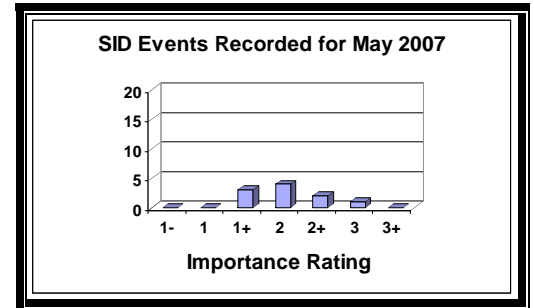


Gema Araujo's H-alpha image on May 5, 2007 at 13:07 of region 10953 showing the flare recorded below

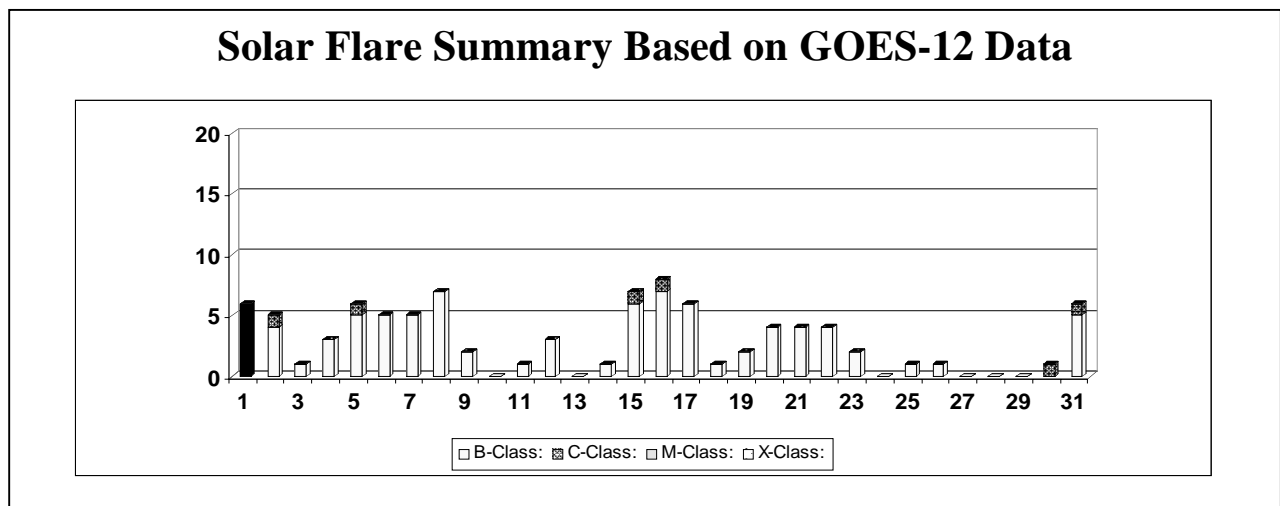


The above SID plot from the Moore Observatory VLF monitor in Brownsboro, Kentucky showing a nice C4 flare just before 1300UT. It was nice to see both sunspot and flare activity this month. Have a happy solstice.

Solar Events



May showed a slight increase in SID activity with 10 correlated events reported by observers. A welcome change from the last few months. The solar activity was spread pretty evenly throughout the month with a surge of activity at the beginning and again at mid-month. There were 70 X-Ray flares detected by the GOES satellite. Most of these were lower class events. There were 5 C-Class events and the rest of them were lower B-Class events. Thanks to all our observers for reporting in this month. Your continued observations are appreciated.



American Relative Sunspot Numbers (Ra) for
May 2007 [**boldface = maximum, minimum**]

May 2007 Sunspot Observers

Day	N	Raw Mean	Ra
1	30	31	23
2	36	29	23
3	39	19	15
4	34	18	13
5	37	16	12
6	33	13	10
7	32	12	9
8	34	9	7
9	34	16	12
10	39	21	15
11	35	23	16
12	36	21	16
13	35	19	14
14	41	28	21
15	33	27	19
16	30	30	23
17	24	32	25
18	34	36	26
19	30	31	22
20	25	21	15
21	34	17	12
22	35	13	10
23	37	14	10
24	35	3	2
25	31	0	0
26	28	0	0
27	33	2	1
28	33	4	2
29	39	10	7
30	34	8	6
31	30	2	1

Means **33.5** **16.9** **12.5**

No. of Observers: **63**

Total No. of Observations: **1040**

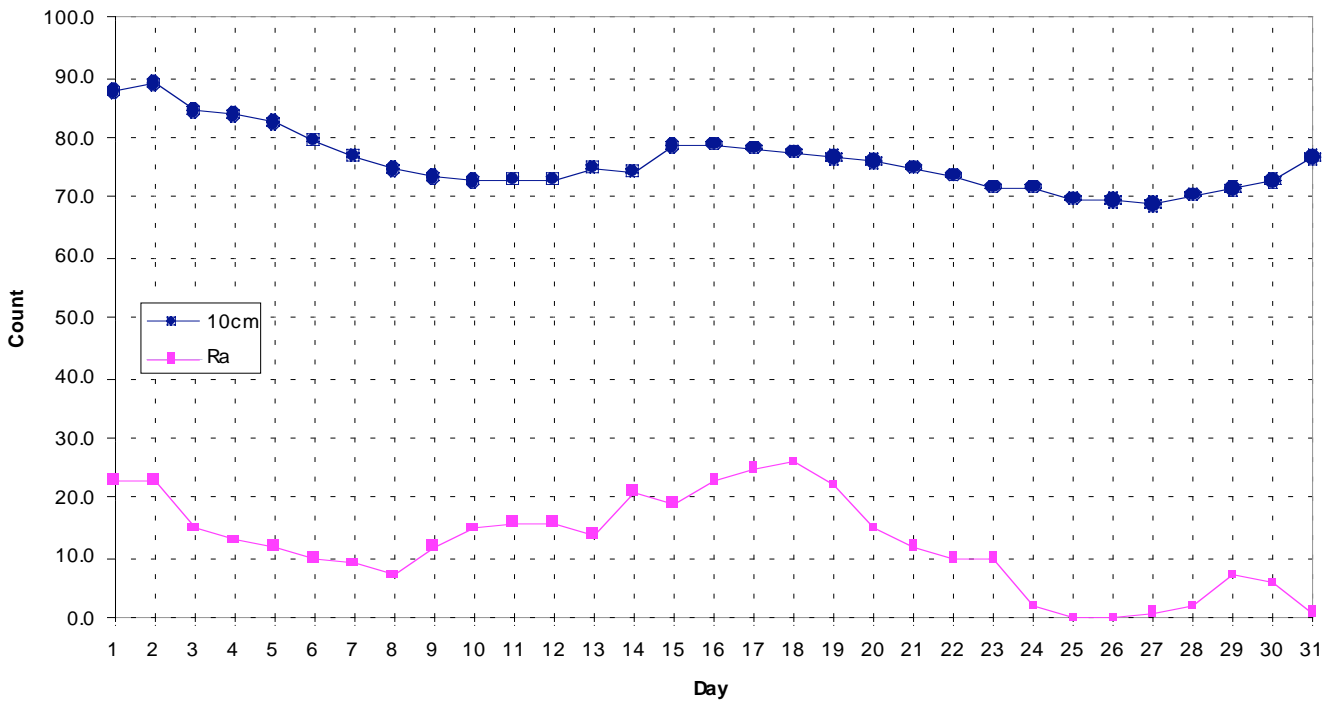
Reporting Addresses:

**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**

AAP	A. Abbott	19
AJV	J. Alonso	21
ARAG	G. Araujo	29
BARH	H. Barnes	12
BATR	R. Battaiola	11
BEB	R. Berg	7
BERJ	J. Berdejo	11
BMF	M. Boschat	18
BRAB	B. Branchett	31
BRAD	D. Branchett	18
BRAM	M. Bradbury	1
BRAR	R. Branch	29
BROB	R. Brown	30
BVC	A. Buck	31
CAMP	P. Campbell	3
CHAG	G. Morales	28
CKB	B. Cudnik	24
CLZ	L. Corp	4
CNT	D. Chantiles	3
COMT	T. Compton	11
DEJV	J. van Delft	15
DEMF	F. Dempsey	7
DGP	G. Dyck	17
DUBF	F. Dubois	24
FERJ	J. Fernandez	12
FLET	T. Fleming	26
FUJK	K. Fujimori	25
GFT	F. Gobet	6
GOEM	M. Goetz	4
HALB	B. Halls	7
HAYK	K. Hay	22
JENS	S. Jenner	3
KAPJ	J. Kaplan	26
KNJS	J. & S. Knight	12
KROL	L. Krozel	3
KUZM	M. Kuzmin	13
LARJ	J. Larriba	16
LERM	M. Lerman	8
LEVM	M. Leventhal	25
MCE	E. Mochizuki	27
MCHL	L. McHenry	2
MEU	E. Mason	3
MMI	M. Moeller	9
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OBSO	IPS Observatory	21
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RICE	E. C. Richardson	15
RITA	A. Ritchie	20
SCGL	G. Schott	27
SCHG	G. Scholl	18
SDP	D. Sharples	2
SIMC	C. Simpson	15
STEM	G. Stemmler	18
STQ	N. Stoikidis	21
SUZM	M. Suzuki	27
SZUM	M. Szulc	25
TESD	D. Teske	28
TJV	J. Temprano	9
URBP	P. Urbanski	24
VARG	A. Vargas	21
VIDD	D. Vidican	10
WILW	W. Wilson	30
WRP	R. Wheeler	1

10 cm Solar Flux and American Relative Sunspot Numbers (Ra) for May 2007
 10 cm source: <http://www.drao.nrc.ca>



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

