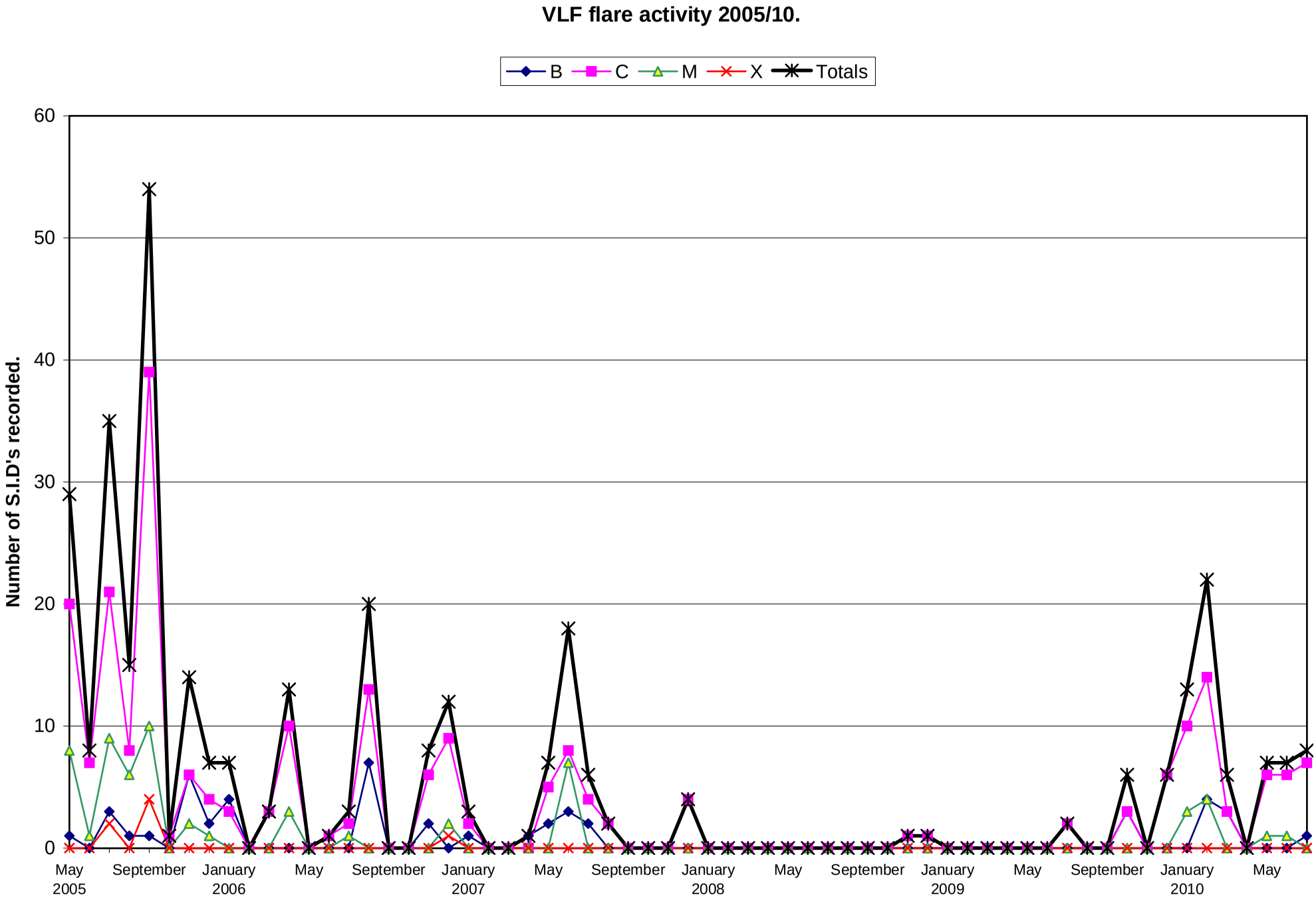
2010 JULY

DAY	Xray class	Observers	John Cook (23.4kHz) Tuned radio frequency receiver, 0.58m frame aerial. START	PEAK	END (UT)		Roberto Battaiola (18.3kHz) Modified AAVSO receiver. START	PEAK	END (UT)	Nigel Curtis (23.4kHz) Gyrator receiver, shielded loop aerial. START	PEAK	END (UT)	Bob Middlefell (22.1kHz) Tuned radio frequency receiver, 0.5m frame aerial. START	PEAK	END (UT)	Mark Edwards (21.75kHz) Spectrum Lab / PC 2m loop aerial. START	PEAK	END (UT)	
9	C1.8	1														08:55	09:05	09:25	1+
13	C2.6	4	10:46	10:51	11:20	2										10:46	10:52	11:46	2+
14	C1.4	1																	
14	C3.6	2																	
17	C2.4	1																	
20	C1.4	3														13:42	13:46	14:11	1+
23	B9.3	1																	
28	C2.8	1																	

DAY			Colin Clements (23.4kHz) AAVSO receiver, 0.76m screened loop aerial. START	PEAK	END (UT)	Karen Holland (19.5kHz) Tuned radio frequency receiver, 0.58m frame aerial. START	PEAK	END (UT)	Mike King (20.9kHz) AAVSO receiver. Tuned loop aerial. START	PEAK	END (UT)	John Wardle (23.4kHz) Gyrator MKII receiver, 1m loop aerial. START	PEAK	END (UT)	Peter King (16kHz) Own designed receiver, 1.4m loop aerial. START	PEAK	END (UT)	
9	C1.8																		
13	C2.6															10:45	10:55	10:55	1-
14	C1.4															12:10	12:30	12:55	2
14	C3.6															20:30	20:45	21:20	2+
17	C2.4															17:25	18:00	18:20	2+
20	C1.4															13:40	13:45	13:50	1-
23	B9.3																		
28	C2.8															20:35	20:40	20:50	1-

DAY			Paul Hyde (22.1kHz) Tuned radio frequency receiver, 0.96m frame aerial. START	PEAK	END (UT)		Gordon Fiander (18.3kHz) PC sound card. START	PEAK	END (UT)	John Elliott (18.3kHz) Tuned radio frequency receiver, 0.5m frame aerial. START	PEAK	END (UT)	Martyn Kinder (21.2kHz) Tuned radio frequency receiver, 0.58m frame aerial. START	PEAK	END (UT)		Mark Horn (23.4kHz) Tuned radio frequency receiver, 0.58m frame aerial. START	PEAK	END (UT)
9	C1.8																		
13	C2.6		10:46	10:52	11:19	2													
14	C1.4																		
14	C3.6												10:46	10:53	11:10	1			
17	C2.4																		
20	C1.4		13:42	13:48	14:06	1													
23	B9.3		15:21	15:25	15:43	1													
28	C2.8																		

Although there was a small increase in activity for July, many of our signals went quiet for at least part of the month. I'm glad to report that they seem to be back again, and that the togashef website is again showing signals above 16kHz. There were no flares recorded by GOES on the 2nd, 3rd or 4th, with mostly B-class events for the rest of the month. The C3.6 on the 14th. was about the most energetic.


VLF flare activity 2005/10.
B
C
M
X
Totals
Number of S.I.D's recorded.
60
50
40
30
20
10
0
May 2005
September
January 2006
May
September
January 2007
May
September
January 2008
May
September
January 2009
May
September
January 2010
May