

2009 DECEMBER

DAY	Xray class	Observers	John Cook (23.4kHz)		Roberto Battaiola (20.9kHz)		Nigel Curtis (23.4kHz)		Bob Middlefell (22.1kHz)		Mark Edwards (18.3kHz)		
			Tuned radio frequency receiver, 0.58m frame aerial.	START PEAK END (UT)	Modified AAVSO receiver.	START PEAK END (UT)	Gyrator receiver, shielded loop aerial.	START PEAK END (UT)	Tuned radio frequency receiver, 0.5m frame aerial.	START PEAK END (UT)	Spectrum Lab / PC 2m loop aerial.	START PEAK END (UT)	
10	C3.4	3	12:51	12:57	13:04	1-				10:57	11:01	11:14	1-
16	C3.7	3											
21	C1.6	1											
22	C1.0	1											
22	C1.1	1											
23	C6.4	3	10:11	10:15	10:24	1-				10:13	10:17	10:40	1+

DAY	Xray class	Observers	Colin Clements (23.4kHz)		Karen Holland (19.5kHz)		Mike King (20.9kHz)		John Wardle (18.3kHz)		Peter King (18.3kHz)	
			AAVSO receiver, 0.76m screened loop aerial.	START PEAK END (UT)	Tuned radio frequency receiver, 0.58m frame aerial.	START PEAK END (UT)	AAVSO receiver. Tuned loop aerial.	START PEAK END (UT)	Gyrator MKII receiver, 1m loop aerial.	START PEAK END (UT)	Own designed receiver, 1.4m loop aerial.	START PEAK END (UT)
10	C3.4											
16	C3.7											
21	C1.6											
22	C1.0											
22	C1.1											
23	C6.4											

DAY	Xray class	Observers	Paul Hyde (22.1kHz)			
			Tuned radio frequency receiver, 0.58m frame aerial.	START PEAK END (UT)		
10	C3.4		10:57	11:02	?	-
16	C3.7		12:53	13:00	13:17	1
21	C1.6					
22	C1.0					
22	C1.1					
23	C6.4					

There was a good increase in activity this month, the 1st-8th, 11th, 12th, 24th, 28th & 29th being blank. The most energetic event being a C7.6 at 18:55UT on the 18th. The chart clearly shows cycle 24 increasing over the last 6 months, if a little later than expected.

VLF flare activity 2005/9.

