

2006 NOVEMBER

DAY	Xray class	Observers	John Cook (23.4kHz) Tuned radio frequency receiver, 0.58m frame aerial.	Roberto Battaiola (20.9kHz) Modified AAVSO receiver.	Nigel Curtis (23.4kHz) Gyrator receiver, shielded loop aerial.	Bob Middlefell (22.1kHz) Tuned radio frequency receiver, 0.5m frame aerial.	Mark Edwards (20.9kHz)
			START PEAK END (UT)	START PEAK END (UT)	START PEAK END (UT)	START PEAK END (UT)	START PEAK END (UT)
5	C3.7	4	12:21 12:26 12:41 1	12:23 12:31 13:21 2+	12:20 12:26 13:23 2+	12:20 12:27 14:47 3+	
6	C2.4	3	10:19 10:31 11:08 2+	12:44 12:57 13:24 2	10:19 10:38 12:30 3+	10:25 10:42 11:09 2	
7	C3.0	4	12:45 12:51 13:05 1	13:27 13:47 14:23 2+	12:46 12:54 13:08 1	12:48 12:56 13:05 1-	
7	C6.5	4	13:26 13:41 13:56 1+	09:38 09:46 10:06 1+	13:27 13:38 14:07 2	13:32 13:43 14:05 2	
12	C1.0	2	09:40 09:46 09:59 1				
12	C1.1	1	10:41 10:46 10:53 1-				
18	B3.7	1					
28	B1.0	1					

DAY	Xray class	Observers	Colin Clements (23.4kHz) AAVSO receiver, 0.76m screened loop aerial.	Karen Holland (19.5kHz) Tuned radio frequency receiver, 0.58m frame aerial.	Mike King (20.9kHz) AAVSO receiver. loop aerial.	John Wardle (19kHz) Gyrator MKII receiver, 0.6m loop aerial.
			START PEAK END (UT)	START PEAK END (UT)	START PEAK END (UT)	START PEAK END (UT)
5						
6						
7						
7						
12						
12						
18						
28	B1.0		12:13 12:22 12:32 1			

November has seen quite an upturn in activity, with 8 events recorded by members. The first, appropriately on fireworks day, was very clear and well defined in my recordings. The C6.5 flare on the 7th. had a very slow start, and was not immediately clear as a SID. There were 2 blank days, on the 22nd. & 23rd. I found signals very noisy towards the end of the month, and the sunset dip often not present.

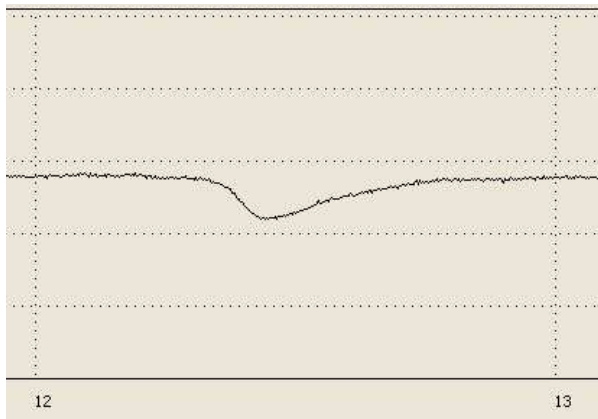


Chart showing the SID on 2006 November 5<sup>th</sup>. recorded by Mark Edwards at 20.9kHz.

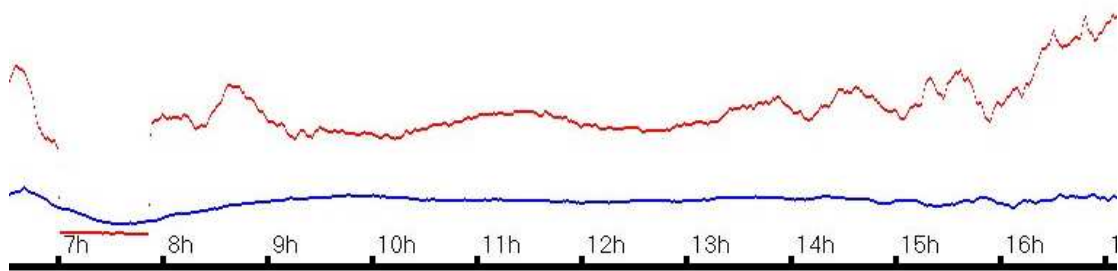


Chart showing a noisy signal at 23.4kHz on 2006 November 28<sup>th</sup>. Sunrise is during the break in transmission just before 8AM, Noise on the signal increases after 13:30, and the sunset dip (expected between 15 & 16h) is not really present. (John Cook).