

2007 JULY

| DAY | Xray class | Observers | John Cook (23.4kHz)<br>Tuned radio frequency receiver,<br>0.58m frame aerial. | Roberto Battaiola (18.3kHz)<br>Modified AAVSO receiver. | Nigel Curtis (23.4kHz)<br>Gyrator receiver, shielded loop<br>aerial. | Bob Middlefell (22.1kHz)<br>Tuned radio frequency receiver,<br>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)    |
| 9   | B6.9       | 1         |   |   |  |   |                        |
| 10  | C7.4       | 1         | 07:11 07:23 07:40 1+  |   |  |   |                        |
| 10  | B5.4       | 2         |   |   |  | 10:38 10:47 11:08 1+  |                        |
| 10  | C1.9       | 1         | 11:13 11:24 11:45 1+  |   |  |   |                        |
| 10  | C8.2       | 2         | 12:37 12:46 13:35 2+  |   |  |   |                        |
| 10  | C5.2       | 3         | 17:50 17:55 18:15 1   |   |  | 17:52 17:58 18:12 1   |                        |

| DAY | Xray class | Observers | Colin Clements (23.4kHz)<br>AAVSO receiver, 0.76m screened<br>loop aerial. | Karen Holland (19.5kHz)<br>Tuned radio frequency receiver,<br>0.58m frame aerial. | Mike King (20.9kHz)<br>AAVSO receiver.<br>loop aerial. | John Wardle (23.4kHz)<br>Gyrator MKII receiver,<br>loop aerial. | Peter King (16.8kHz)<br>Gyrator MK II receiver, 1.4m loop<br>aerial. |
|-----|------------|-----------|--|---|--|---|--|
|     |            |           | START PEAK END (UT)  | START PEAK END (UT)   | START PEAK END (UT)                                    | START PEAK END (UT)   | START PEAK END (UT)  |
| 9   | B6.9       |           |  |   |  |   |  |
| 10  | C7.4       |           |  |   |  | 16:18 16:30 18:23 3   |  |
| 10  | B5.4       |           |  |   |  | 10:41 10:48 11:42 2+  |  |
| 10  | C1.9       |           |  |   |  | 12:27 12:37 13:48 2+  |  |
| 10  | C8.2       |           |  |   |  | 17:45 18:05 18:27 2   |  |

4 C-class, and 2 B-class flares were recorded as SID's in July, compared to a total of 19 in June. There were no flares in the GOES data on the 2nd, 4th..6th, 12th, 13th, 17th, 19th..27th & 29th..31st. Solar minimum looks set to continue for a few more months yet, with no signs of any high-latitude sunspot groups.

VLF flare activity 2005/7.

