SOLAR RADIO EMISSION
Selected Fixed Frequency Events

NOVEMBER 2002

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
01	2695	SVTO	8	S	1027.0	1027.0	U	52.0			QL=4 ST=2 TYP=3
05	8800	SVTO	8	S	1255.0	1256.0	2.0	93.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1256.0	1256.0	1.0	48.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1256.0	1256.0	1.0	66.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1608.0	1609.0	3.0	150.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1608.0	1609.0	1.0	49.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2045.0	2045.0	U	47.0			QL=4 ST=2 TYP=3
09	2695	SGMR	48	C	1310.0	1316.0	650.0	500.0			QL=4 ST=1 TYP=8
	8800	SGMR	48	C	1311.0	1316.0	649.0	330.0			QL=4 ST=1 TYP=8
	2695	SGMR	8	S	1405.0	1405.0	U	30.0			QL=4 ST=2 TYP=3
10	2695	PALE	4	S/F	0307.0	0311.0	10.0	400.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	0309.0	0311.0	6.0	460.0			QL=4 ST=2 TYP=3
11	8800	LEAR	49	GB	0729.0	0730.0	2.0	550.0			QL=4 ST=3 TYP=6
	2695	LEAR	8	S	0729.0	0730.0	2.0	190.0			QL=4 ST=3 TYP=3
	2695	SVTO	4	S/F	0729.0	0730.0	3.0	180.0			QL=4 ST=2 TYP=3
	8800	SVTO	49	GB	0729.0	0730.0	6.0	600.0			QL=4 ST=2 TYP=6
	8800	SGMR	4	S/F	1605.0	1611.0	13.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1605.0	1611.0	13.0	230.0			QL=4 ST=2 TYP=3
12	8800	SGMR	8	S	1814.0	1814.0	2.0	53.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	1853.0	1855.0	3.0	63.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1853.0	1854.0	3.0	58.0			QL=4 ST=2 TYP=8
	2695	SGMR	46	C	1853.0	1853.0	U	33.0			QL=4 ST=2 TYP=8
13	8800	SGMR	8	S	1437.0	1437.0	U	55.0			QL=4 ST=2 TYP=3
14	2695	SVTO	8	S	1109.0	1109.0	U	51.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	2224.0	2224.0	U	66.0			QL=4 ST=2 TYP=3
16	8800	SGMR	8	S	1357.0	1358.0	1.0	64.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1357.0	1358.0	1.0	62.0			QL=4 ST=2 TYP=3
17	8800	SVTO	8	S	1445.0	1446.0	2.0	100.0			QL=2 ST=2 TYP=3
	2695	SVTO	8	S	1445.0	1446.0	2.0	80.0			QL=2 ST=2 TYP=3
	2695	SGMR	4	S/F	1733.0	1733.0	387.0	170.0			QL=4 ST=1 TYP=3
	8800	SGMR	4	S/F	1733.0	1733.0	387.0	310.0			QL=4 ST=1 TYP=3
	8800	PALE	4	S/F	2134.0	2135.0	3.0	180.0			QL=4 ST=2 TYP=3
18	2695	PALE	8	S	0022.0	0023.0	1.0	58.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0023.0	0023.0	U	43.0			QL=4 ST=2 TYP=3
	2695	PALE	4	S/F	0203.0	0205.0	3.0	140.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0204.0	0205.0	2.0	160.0			QL=4 ST=2 TYP=3
	8800	LEAR	48	C	0204.0	0205.0	5.0	210.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	0204.0	0205.0	4.0	190.0			QL=4 ST=2 TYP=8
	8800	SGMR	8	S	1654.0	1654.0	1.0	100.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1655.0	1655.0	U	27.0			QL=4 ST=2 TYP=3

Reports are received routinely from the following observatories:
LEAR = Learmonth PALE = Palehua SGMR = Sagamore Hill SVTO = San Vito

Explanation of Type Code:

1 Simple 1	7 Minor +	24 Rise	30 Post Burst Increase A	43 Onset of Noise Storm
2 Simple 1F	8 Spike	25 Rise A	31 Post Burst Decrease	44 Noise Storm in Progress
3 Simple 2	20 Simple 3	26 Fall	33 Absorption	45 Complex
4 Simple 2F	21 Simple 3A	27 Rise and Fall	40 Fluctuation	46 Complex F
5 Simple	22 Simple 3F	28 Precusor	41 Group of Bursts	47 Great Burst
6 Minor	23 Simple 3AF	29 Post Burst Increase	42 Series of Bursts	48 Major

1A Simple 1A	4A Simple 2AF	24PF Post Rise F	27F Rise and Fall F
3A Simple 2A	4O Rise Only	16A Fall A	27AF Rise and Fall AF
21A Simple 3A GRF	4OF Rise Only F	26O Fall Only	31A Post Burst Decrease A
2A Simple 1AF	4P Post Rise	26F Fall F	32A Absorption A