S O L A R R A D I O E M I S S I O N
Selected Fixed Frequency Events

FEBRUARY 2003

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
06	2695	LEAR	8	S	0339.0	0339.0	U	55.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0340.0	0340.0	U	57.0			QL=4 ST=2 TYP=3
12	2695	PALE	8	S	0156.0	0157.0	2.0	56.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0157.0	0157.0	U	44.0			QL=4 ST=2 TYP=3
21	8800	SGMR	4	S/F	1514.0	1514.0	3.0	49.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1514.0	1514.0	1.0	53.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1948.0	1948.0	1.0	55.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1948.0	1948.0	5.0	300.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	1949.0	1949.0	U	70.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	1949.0	1949.0	1.0	280.0			QL=4 ST=2 TYP=3
22	8800	LEAR	8	S	0215.0	0215.0	U	57.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0215.0	0215.0	U	56.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0928.0	0928.0	U	89.0			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

RSTN Site Information: Beginning in April 1986, the RSTN sites LEAR, PALE, SGMR, and SVTO fixed frequency solar radio data are periodically adjusted to several world standard stations. These world standard stations include: Kislovodsk, USSR 15,500 MHz; Penticton, Canada 2800 MHz; and Hiraiso, Japan 500 and 200 MHz.