SOLAR RADIO EMISSION
Selected Fixed Frequency Events

FEBRUARY 2001

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	LEAR	4	S/F	0710.0	0710.0	1010.0	120.0			QL=2 ST=1 TYP=3
	8800	LEAR	4	S/F	0710.0	0710.0	1010.0	99.0			QL=2 ST=1 TYP=3
02	2695	LEAR	48	C	2354.0	2359.0	8.0	100.0			QL=2 ST=2 TYP=8
	2695	PALE	48	C	2354.0	2359.0	8.0	86.0			QL=4 ST=2 TYP=8
	8800	LEAR	4	S/F	2354.0	2359.0	20.0	77.0			QL=2 ST=2 TYP=3
	8800	PALE	48	C	2354.0	2359.0	21.0	110.0			QL=4 ST=2 TYP=8
05	2695	LEAR	8	S	0443.0	0443.0	U	66.0			QL=2 ST=2 TYP=3
	2695	SVTO	4	S/F	1510.0	1512.0	4.0	39.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1510.0	1512.0	12.0	68.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1514.0	1516.0	8.0	34.0			QL=4 ST=2 TYP=3
11	2695	SVTO	8	S	1029.0	1030.0	1.0	54.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1029.0	1030.0	1.0	97.0			QL=4 ST=2 TYP=3
21	8800	SVTO	4	S/F	1418.0	1425.0	9.0	93.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1419.0	1420.0	4.0	89.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1425.0	1425.0	3.0	100.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1425.0	1425.0	1.0	79.0			QL=4 ST=3 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.