SOLAR RADIO EMISSION
Selected Fixed Frequency Events

NOVEMBER 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	8800	LEAR	8	S	0650.0	0650.0	1.0	38.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0650.0	0650.0	1.0	40.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0742.0	0743.0	2.0	75.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0743.0	0743.0	1.0	66.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0743.0	0743.0	1.0	55.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0743.0	0743.0	1.0	61.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1243.0	1243.0	1.0	53.0			QL=4 ST=2 TYP=3
	2695	SVTO	48	C	1423.0	1501.0	62.0	450.0			QL=2 ST=2 TYP=8
	2695	SGMR	48	C	1426.0	1500.0	70.0	480.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1432.0	1500.0	64.0	350.0			QL=4 ST=2 TYP=8
	8800	SVTO	20	GRF	1500.0	1501.0	25.0	440.0			QL=2 ST=2 TYP=2
	8800	SGMR	8	S	1710.0	1710.0	U	66.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1710.0	1710.0	U	34.0			QL=4 ST=2 TYP=3
	2695	SGMR	46	C	1925.0	1926.0	17.0	32.0			QL=4 ST=2 TYP=8
	8800	SGMR	46	C	1926.0	1927.0	16.0	47.0			QL=4 ST=2 TYP=8
	8800	SGMR	4	S/F	1950.0	1953.0	9.0	160.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	1952.0	1953.0	2.0	130.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	2211.0	2213.0	7.0	34.0			QL=2 ST=2 TYP=3
02	2695	LEAR	8	S	2234.0	2234.0	1.0	39.0			QL=2 ST=2 TYP=3
03	2695	SGMR	4	S/F	1846.0	1849.0	6.0	62.0			QL=4 ST=2 TYP=3
04	8800	LEAR	4	S/F	0640.0	0641.0	3.0	190.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0641.0	0641.0	U	48.0			QL=4 ST=2 TYP=3
	2695	SGMR	48	C	1602.0	1624.0	478.0	1900.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1604.0	1616.0	476.0	2800.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1657.0	1658.0	2.0	170.0			QL=4 ST=2 TYP=8
05	2695	LEAR	8	S	0249.0	0249.0	U	29.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0249.0	0249.0	U	37.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0907.0	0909.0	8.0	60.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1517.0	1518.0	1.0	62.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1517.0	1518.0	1.0	85.0			QL=4 ST=3 TYP=3
06	2695	LEAR	8	S	0258.0	0259.0	2.0	160.0			QL=4 ST=2 TYP=3
	8800	LEAR	49	GB	0258.0	0258.0	7.0	500.0			QL=4 ST=2 TYP=6
	2695	PALE	8	S	0258.0	0259.0	2.0	170.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0743.0	0744.0	1.0	27.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0746.0	0746.0	1.0	30.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0830.0	0830.0	U	25.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0830.0	0830.0	1.0	100.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0830.0	0830.0	1.0	140.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0830.0	0830.0	1.0	27.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1357.0	1357.0	3.0	270.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1357.0	1357.0	3.0	91.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1357.0	1357.0	1.0	240.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1357.0	1357.0	1.0	70.0			QL=4 ST=2 TYP=3
07	8800	LEAR	4	S/F	0650.0	0650.0	3.0	110.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0650.0	0650.0	2.0	96.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1033.0	1035.0	3.0	81.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1316.0	1316.0	U	27.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1413.0	1413.0	U	50.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1413.0	1413.0	U	110.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1413.0	1413.0	U	110.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1413.0	1413.0	U	65.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1932.0	1933.0	55.0	660.0			QL=4 ST=2 TYP=8
	8800	PALE	8	S	1933.0	1933.0	1.0	95.0			QL=4 ST=2 TYP=3
	2695	SGMR	48	C	1947.0	1953.0	30.0	65.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1950.0	1953.0	21.0	62.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	1952.0	1955.0	4.0	59.0			QL=4 ST=2 TYP=8
08	8800	LEAR	8	S	0001.0	0002.0	1.0	110.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0002.0	0002.0	U	120.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0022.0	0023.0	3.0	200.0			QL=4 ST=2 TYP=3
	8800	LEAR	49	GB	0701.0	0702.0	6.0	1800.0			QL=4 ST=2 TYP=6
	2695	LEAR	4	S/F	0702.0	0702.0	5.0	460.0			QL=4 ST=2 TYP=3
	8800	SVTO	49	GB	0702.0	0702.0	5.0	1600.0			QL=4 ST=2 TYP=6

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

NOVEMBER 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
08	2695	SVTO	4	S/F	0702.0	0702.0	6.0	420.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1017.0	1018.0	1.0	130.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1017.0	1018.0	1.0	28.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1221.0	1224.0	12.0	190.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1224.0	1224.0	5.0	150.0			QL=4 ST=2 TYP=3
	8800	SVTO	48	C	1402.0	1404.0	10.0	110.0			QL=4 ST=2 TYP=8
	8800	SGMR	4	S/F	1404.0	1404.0	15.0	90.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1441.0	1441.0	3.0	31.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1502.0	1533.0	31.0	180.0			QL=4 ST=3 TYP=8
	2695	SGMR	46	C	1516.0	1524.0	17.0	39.0			QL=4 ST=3 TYP=8
	8800	SGMR	8	S	1706.0	1706.0	U	44.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	1711.0	1711.0	U	69.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1711.0	1711.0	5.0	280.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1711.0	1711.0	2.0	100.0			QL=4 ST=2 TYP=8
	2695	SGMR	4	S/F	1711.0	1711.0	11.0	280.0			QL=4 ST=2 TYP=3
	2695	PALE	48	C	1718.0	1719.0	3.0	51.0			QL=4 ST=2 TYP=8
	8800	SGMR	8	S	1840.0	1841.0	1.0	31.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1902.0	1902.0	1.0	34.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1902.0	1903.0	1.0	160.0			QL=4 ST=2 TYP=3
	8800	SGMR	46	C	1908.0	1908.0	U	28.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1929.0	1929.0	2.0	80.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	2312.0	2312.0	U	70.0			QL=4 ST=2 TYP=8
	8800	PALE	46	C	2338.0	2338.0	U	41.0			QL=4 ST=2 TYP=8
09	8800	LEAR	20	GRF	0121.0	0126.0	29.0	68.0			QL=4 ST=2 TYP=2
	8800	PALE	48	C	0126.0	0127.0	2.0	60.0			QL=4 ST=2 TYP=8
	8800	SVTO	4	S/F	0850.0	0853.0	18.0	120.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0853.0	0853.0	5.0	79.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0854.0	0854.0	U	23.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0901.0	0901.0	6.0	22.0			QL=4 ST=2 TYP=3
	2695	LEAR	20	GRF	0919.0	0950.0	36.0	54.0			QL=4 ST=2 TYP=2
	8800	SVTO	4	S/F	0947.0	0950.0	5.0	43.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0950.0	0950.0	U	26.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1825.0	1828.0	14.0	88.0			QL=4 ST=2 TYP=3
	2695	PALE	48	C	1828.0	1828.0	2.0	55.0			QL=4 ST=2 TYP=8
10	8800	SGMR	48	C	1950.0	1954.0	16.0	73.0			QL=2 ST=2 TYP=8
	8800	PALE	48	C	1954.0	1954.0	5.0	83.0			QL=4 ST=2 TYP=8
11	8800	LEAR	20	GRF	0606.0	0634.0	62.0	29.0			QL=4 ST=2 TYP=2
	8800	SVTO	8	S	1055.0	1055.0	U	89.0			QL=4 ST=2 TYP=3
12	8800	SVTO	8	S	0734.0	0736.0	2.0	69.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0754.0	0755.0	2.0	250.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0755.0	0755.0	2.0	230.0			QL=4 ST=2 TYP=3
13	2695	LEAR	4	S/F	0624.0	0625.0	4.0	180.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0624.0	0624.0	1.0	94.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1840.0	1841.0	4.0	37.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1841.0	1842.0	3.0	28.0			QL=4 ST=2 TYP=3
14	8800	SVTO	8	S	0922.0	0922.0	U	57.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	2204.0	2205.0	4.0	98.0			QL=2 ST=2 TYP=3
	2695	PALE	8	S	2205.0	2205.0	U	71.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	2221.0	2221.0	U	23.0			QL=4 ST=2 TYP=3
15	8800	SVTO	8	S	1123.0	1124.0	2.0	41.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1124.0	1124.0	U	37.0			QL=4 ST=2 TYP=3
17	8800	LEAR	20	GRF	0446.0	0459.0	88.0	89.0			QL=4 ST=2 TYP=2
	2695	LEAR	20	GRF	0449.0	0459.0	124.0	150.0			QL=4 ST=2 TYP=2
	2695	SVTO	46	C	0559.0E	0625.0U	37.0D	30.0			QL=4 ST=3 TYP=8
	8800	SVTO	46	C	0559.0E	0625.0U	37.0D	44.0			QL=4 ST=3 TYP=8
18	8800	LEAR	8	S	0745.0	0746.0	1.0	32.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	0745.0	0746.0	3.0	130.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0745.0	0746.0	3.0	120.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0746.0	0746.0	U	46.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	0916.0	0917.0	7.0	120.0			QL=4 ST=2 TYP=3

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

NOVEMBER 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
18	8800	LEAR	48	C	0917.0	0919.0	6.0	110.0			QL=4 ST=2 TYP=8
	8800	SVTO	48	C	0917.0	0919.0	6.0	120.0			QL=4 ST=2 TYP=8
	2695	SVTO	4	S/F	0917.0	0917.0	6.0	110.0			QL=4 ST=2 TYP=3
19	8800	LEAR	4	S/F	0649.0	0650.0	6.0	130.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0649.0	0651.0	8.0	130.0			QL=4 ST=2 TYP=3
20	8800	LEAR	8	S	0149.0	0149.0	1.0	34.0			QL=4 ST=2 TYP=3
21	8800	SVTO	48	C	0729.0	0734.0	9.0	100.0			QL=4 ST=2 TYP=8
	8800	LEAR	8	S	0733.0	0733.0	1.0	75.0			QL=4 ST=2 TYP=3
22	2695	LEAR	8	S	0728.0	0728.0	1.0	46.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0736.0	0739.0	3.0	58.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1704.0	1707.0	10.0	140.0			QL=4 ST=2 TYP=3
	2695	PALE	49	GB	2023.0	2027.0	16.0	630.0			QL=4 ST=2 TYP=6
	8800	PALE	48	C	2032.0	2032.0	4.0	190.0			QL=4 ST=2 TYP=8
	2695	LEAR	48	C	2159.0	2257.0	145.0	9700.0			QL=4 ST=3 TYP=8
	2695	PALE	48	C	2159.0	2259.0	165.0	1000.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	2202.0	2305.0	173.0	790.0			QL=4 ST=2 TYP=8
	8800	LEAR	4	S/F	2203.0	2203.0	117.0	120.0			QL=4 ST=1 TYP=3
	8800	LEAR	48	C	2204.0	2302.0	140.0	640.0			QL=4 ST=3 TYP=8
23	2695	LEAR	46	C	0828.0	0828.0	2.0	35.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	0828.0	0828.0	1.0	100.0			QL=4 ST=2 TYP=8
	8800	SVTO	48	C	0830.0	0830.0	2.0	130.0			QL=4 ST=2 TYP=8
	2695	SVTO	46	C	0830.0	0830.0	1.0	41.0			QL=4 ST=2 TYP=8
	2695	LEAR	48	C	2159.0	2257.0	145.0	9700.0			QL=4 ST=3 TYP=8
	2695	PALE	48	C	2159.0	2259.0	165.0	1000.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	2202.0	2305.0	173.0	790.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	2204.0	2302.0	140.0	640.0			QL=4 ST=3 TYP=8
24	8800	LEAR	4	S/F	0454.0	0455.0	5.0	86.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0550.0	0551.0	2.0	250.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0550.0	0551.0	1.0	34.0			QL=4 ST=2 TYP=3
	8800	SGMR	46	C	1708.0	1708.0	1.0	38.0			QL=4 ST=2 TYP=8
	2695	SGMR	48	C	1749.0	1752.0	6.0	72.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1749.0	1750.0	5.0	51.0			QL=4 ST=2 TYP=8
	2695	PALE	4	S/F	1750.0	1752.0	3.0	58.0			QL=4 ST=2 TYP=3
25	2695	LEAR	8	S	0113.0	0113.0	U	25.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0113.0	0113.0	U	42.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0918.0	0918.0	2.0	63.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1139.0	1141.0	5.0	66.0			QL=4 ST=2 TYP=3
26	8800	LEAR	4	S/F	0746.0	0747.0	3.0	130.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0747.0	0748.0	1.0	26.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0747.0	0748.0	1.0	25.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0747.0	0747.0	2.0	150.0			QL=4 ST=2 TYP=3
27	2695	SGMR	8	S	1545.0	1546.0	2.0	63.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1545.0	1546.0	2.0	88.0			QL=4 ST=2 TYP=3
28	8800	SGMR	8	S	1542.0	1542.0	1.0	140.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1542.0	1542.0	U	26.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1559.0	1559.0	U	57.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1559.0	1559.0	U	40.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1633.0	1633.0	2.0	1400.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1633.0	1634.0	4.0	450.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	1801.0	1801.0	1.0	53.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1801.0	1801.0	1.0	71.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	1802.0	1802.0	3.0	45.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	2317.0	2318.0	2.0	92.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2317.0	2318.0	2.0	120.0			QL=4 ST=2 TYP=3
29	8800	LEAR	4	S/F	0144.0	0145.0	5.0	140.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0145.0	0145.0	U	25.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0149.0	0149.0	U	70.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0149.0	0149.0	U	100.0			QL=4 ST=2 TYP=3

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

NOVEMBER 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
29	8800	LEAR	8	S	0521.0	0521.0	1.0	210.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	1020.0	1021.0	3.0	270.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1020.0	1021.0	7.0	240.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1020.0	1022.0	7.0	34.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	1021.0	1023.0	2.0	49.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1057.0	1058.0	3.0	84.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1057.0	1058.0	1.0	75.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1104.0	1107.0	7.0	76.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1150.0	1150.0	U	24.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1150.0	1150.0	1.0	51.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1155.0	1202.0	14.0	92.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1245.0	1247.0	6.0	71.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1247.0	1247.0	1.0	55.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1259.0	1300.0	1.0	70.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1300.0	1300.0	U	69.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1403.0	1403.0	1.0	46.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1403.0	1403.0	1.0	290.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1403.0	1404.0	1.0	270.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1403.0	1404.0	1.0	37.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1703.0	1704.0	1.0	77.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	1804.0	1808.0	4.0	72.0			QL=4 ST=2 TYP=8
	8800	SGMR	8	S	1804.0	1804.0	2.0	46.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1807.0	1807.0	1.0	60.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	2122.0	2122.0	U	57.0			QL=4 ST=2 TYP=8
30	8800	LEAR	4	S/F	0103.0	0104.0	3.0	140.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0104.0	0104.0	1.0	120.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0104.0	0105.0	2.0	170.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0104.0	0105.0	2.0	110.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1408.0	1411.0	6.0	37.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1410.0	1413.0	4.0	34.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	1959.0	2000.0	2.0	190.0			QL=4 ST=2 TYP=8

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.