SOLAR RADIO EMISSION
Selected Fixed Frequency Events

AUGUST 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
03	8800	LEAR	8	S	0305.0	0305.0	1.0	77.0			QL=4 ST=2 TYP=3
05	8800	SVTO	8	S	1201.0	1202.0	2.0	40.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1202.0	1202.0	1.0	42.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1503.0	1503.0	2.0	44.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1503.0	1504.0	2.0	47.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1526.0	1528.0	10.0	93.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1527.0	1528.0	16.0	82.0			QL=4 ST=2 TYP=8
	8800	PALE	4	S/F	2219.0	2220.0	9.0	340.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	2219.0	2220.0	7.0	300.0			QL=4 ST=2 TYP=3
07	8800	LEAR	8	S	0011.0	0012.0	1.0	46.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0728.0	0729.0	8.0	130.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0728.0	0729.0	15.0	150.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1254.0	1255.0	3.0	130.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1254.0	1255.0	2.0	130.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1441.0	1442.0	3.0	130.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1442.0	1442.0	1.0	110.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1626.0	1626.0	5.0	90.0			QL=4 ST=3 TYP=3
	8800	SVTO	8	S	1626.0	1626.0	1.0	92.0			QL=4 ST=2 TYP=3
	8800	SGMR	46	C	1854.0	1854.0	2.0	40.0			QL=4 ST=3 TYP=8
	2695	SGMR	46	C	1854.0	1854.0	1.0	46.0			QL=4 ST=3 TYP=8
08	8800	LEAR	8	S	0312.0	0312.0	1.0	41.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1652.0	1653.0	5.0	55.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1652.0	1653.0	3.0	34.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1653.0	1653.0	4.0	44.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1653.0	1656.0	7.0	90.0			QL=4 ST=2 TYP=3
10	2695	PALE	4	S/F	0131.0	0132.0	5.0	64.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	0131.0	0133.0	5.0	44.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0132.0	0133.0	3.0	46.0			QL=4 ST=2 TYP=3
11	2695	LEAR	8	S	0116.0	0117.0	2.0	67.0			QL=4 ST=2 TYP=3
20	2695	PALE	8	S	1921.0	1921.0	1.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1921.0	1921.0	1.0	72.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1921.0	1921.0	U	41.0			QL=4 ST=2 TYP=3
21	8800	SGMR	4	S/F	1036.0	1037.0	5.0	130.0			QL=2 ST=2 TYP=3
	2695	SGMR	4	S/F	1036.0	1037.0	5.0	120.0			QL=2 ST=2 TYP=3
	8800	SVTO	4	S/F	1036.0	1037.0	3.0	140.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1036.0	1037.0	4.0	110.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2155.0	2155.0	2.0	150.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	2155.0	2155.0	U	43.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	2155.0	2155.0	1.0	170.0			QL=4 ST=2 TYP=3
22	8800	SGMR	8	S	1556.0	1557.0	1.0	60.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1556.0	1557.0	1.0	77.0			QL=4 ST=2 TYP=3
23	8800	LEAR	8	S	0027.0	0027.0	U	32.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0510.0	0511.0	6.0	82.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0510.0	0511.0	3.0	99.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	1754.0	1754.0	2.0	110.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1754.0	1754.0	3.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1755.0	1755.0	U	30.0			QL=4 ST=2 TYP=3
24	8800	SVTO	8	S	0623.0	0624.0	1.0	54.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1332.0	1333.0	5.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1332.0	1333.0	5.0	49.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1332.0	1333.0	5.0	150.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1332.0	1333.0	3.0	49.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	2017.0	2040.0	36.0	330.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	2037.0	2039.0	9.0	330.0			QL=4 ST=2 TYP=8
	2695	PALE	4	S/F	2039.0	2040.0	6.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	48	C	2039.0	2040.0	7.0	100.0			QL=4 ST=2 TYP=8
	8800	PALE	20	GRF	2243.0	2249.0	19.0	67.0			QL=4 ST=2 TYP=2
	8800	PALE	48	C	2348.0	2401.0	43.0	1700.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	2350.0	2401.0	57.0	1700.0			QL=4 ST=2 TYP=8

S O L A R R A D I O E M I S S I O N
Selected Fixed Frequency Events
AUGUST 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
24	2695	LEAR	4	S/F	2358.0	2401.0	14.0	280.0			QL=4 ST=2 TYP=3
	2695	PALE	4	S/F	2359.0	2401.0	10.0	250.0			QL=4 ST=2 TYP=3
25	8800	SVTO	49	GB	1624.0	1631.0	49.0	15000.0			QL=4 ST=2 TYP=6
	2695	SVTO	49	GB	1624.0	1631.0	49.0	7900.0			QL=4 ST=2 TYP=6
	2695	SGMR	49	GB	1624.0	1631.0	66.0	8100.0			QL=4 ST=2 TYP=6
	8800	SGMR	49	GB	1624.0	1631.0	66.0	14000.0			QL=4 ST=2 TYP=6
	2695	PALE	48	C	1636.0	1643.0	444.0	500.0			QL=2 ST=2 TYP=8
27	8800	LEAR	4	S/F	0634.0	0635.0	3.0	280.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0634.0	0635.0	3.0	270.0			QL=4 ST=3 TYP=3
	8800	SVTO	8	S	1258.0	1258.0	1.0	130.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1527.0	1527.0	3.0	28.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1527.0	1527.0	1.0	38.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1930.0	1930.0	5.0	28.0			QL=4 ST=2 TYP=3
28	2695	LEAR	4	S/F	0006.0	0007.0	13.0	99.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0007.0	0008.0	2.0	84.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0007.0	0008.0	18.0	46.0			QL=4 ST=2 TYP=3
	8800	PALE	48	C	0009.0	0014.0	15.0	75.0			QL=4 ST=2 TYP=8
	8800	LEAR	49	GB	0200.0	0200.0	3.0	540.0			QL=4 ST=2 TYP=6
	2695	LEAR	8	S	0200.0	0200.0	2.0	110.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	0200.0	0200.0	2.0	110.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	0200.0	0200.0	1.0	280.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0819.0	0820.0	4.0	64.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0819.0	0820.0	6.0	59.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1218.0	1221.0	8.0	120.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1218.0	1221.0	8.0	130.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1221.0	1221.0	2.0	27.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1557.0	1557.0	6.0	41.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1557.0	1557.0	1.0	41.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1558.0	1602.0	5.0	35.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1602.0	1602.0	U	26.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2004.0	2005.0	2.0	80.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2004.0	2004.0	2.0	10.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	2004.0	2005.0	2.0	180.0			QL=4 ST=2 TYP=3
29	2695	LEAR	4	S/F	0229.0	0229.0	3.0	17.0			QL=4 ST=2 TYP=3
	8800	LEAR	4	S/F	0514.0	0519.0	15.0	110.0			QL=4 ST=2 TYP=3
	8800	SVTO	48	C	0517.0	0519.0	11.0	92.0			QL=4 ST=2 TYP=8
	2695	SVTO	46	C	0519.0	0519.0	1.0	21.0			QL=4 ST=2 TYP=8
	2695	LEAR	8	S	0610.0	0611.0	2.0	110.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0611.0	0611.0	U	85.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1229.0	1246.0	47.0	230.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1244.0	1246.0	14.0	180.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1246.0	1246.0	1.0	26.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1247.0	1247.0	U	22.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1439.0	1439.0	U	54.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1439.0	1439.0	U	64.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	2015.0	2016.0	3.0	72.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	2017.0	2017.0	1.0	32.0			QL=4 ST=2 TYP=3
30	8800	LEAR	8	S	0133.0	0134.0	2.0	38.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0134.0	0134.0	1.0	34.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	1730.0	1731.0	3.0	36.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1730.0	1731.0	5.0	100.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1749.0	1751.0	15.0	170.0			QL=4 ST=2 TYP=8
	8800	PALE	8	S	1750.0	1751.0	2.0	130.0			QL=4 ST=2 TYP=3
	2695	SGMR	46	C	1750.0	1750.0	14.0	37.0			QL=4 ST=2 TYP=8
	8800	SGMR	4	S/F	2035.0	2036.0	10.0	1800.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	2035.0	2036.0	10.0	1000.0			QL=4 ST=2 TYP=3
	2695	PALE	49	GB	2036.0	2036.0	4.0	930.0			QL=4 ST=2 TYP=6
	8800	PALE	49	GB	2036.0	2036.0	2.0	1700.0			QL=4 ST=2 TYP=6
31	2695	SVTO	4	S/F	1035.0	1038.0	7.0	270.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1035.0	1038.0	6.0	500.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1136.0	1137.0	3.0	21.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1531.0	1531.0	U	31.0			QL=4 ST=2 TYP=3
	8800	PALE	49	GB	2240.0	2241.0	2.0	1100.0			QL=4 ST=2 TYP=6
	2695	PALE	49	GB	2240.0	2241.0	3.0	540.0			QL=4 ST=2 TYP=6