

S O L A R R A D I O E M I S S I O N
Spectral Observations

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Jul 06

JULY 2006

OBSERVATION			Sta	EVENT		Spectral Class	Event Remarks	Int (1-3)	FREQUENCY		Remarks
Day	Start (UT)	End (UT)		Start (UT)	End (UT)				Lower (MHz)	Upper (MHz)	
01	0604	1753	ONDR								
	0331	1919	POTS	0712	0853	I	S,N	2	200U	390	See Note 2
			SVTO	0828.0	1210.0	III	N	1	25	180	
			POTS	0852.3	0852.7	III	B	2	40X	320	See Note 2
			POTS	1101.8	1113.0	III	G,U	2	55	400	See Note 2
			SVTO	1138.0	1139.0	III		1	64	180	
			POTS	1138.5	1140.2	III	GG,U	2	60	400	See Note 2
			POTS	1200	1240 U	I	S,N	1	230	390	See Note 2
			POTS	1309	1331	UNCLF		1	200U	300	See Note 2
			POTS	1343	1702	I	S,N	1	210	380	See Note 2
			SGMR	1419.0	1421.0	III		1	30	77	
			SVTO	1419.0	1421.0	III		2	25U	82U	
			POTS	1420.0	1421.8	III	G	1	40X	80U	See Note 2
	1445	1815	BLEN								
			POTS	1446.9	1447.3	III	G	2	55	380	See Note 2
			SGMR	1518.0	1519.0	III		1	30	77	
			SVTO	1518.0	1519.0	III		1	28	83	
			POTS	1540.0	1540.2	III	B	1	40	80U	See Note 2
			SGMR	1540.0	1540.0	III		1	30	62	
			SVTO	1540.0	1540.0	III		1	25	61	
			SGMR	1633.0	1633.0	III		1	30	71	
			SVTO	1633.0	1633.0	III		2	28	83	
			POTS	1633.1	1633.4	III	G	1	40X	80U	See Note 2
			POTS	1727 U	1742	I	S	1	280	340	See Note 2
			POTS	1731.0	1731.8	III	G,U	2	45	330	See Note 2
			SGMR	1731.0	1731.0	III		1	45	54	
			SVTO	1731.0	1735.0	III		1	61	160	
			SGMR	1846.0	1850.0	III		1	30	172	
			POTS	1849.8	1850.2	III	B,U	1	55	270	See Note 2
			PALE	1850.0	1850.0	III		1	48	180	
			LEAR	2329.0	0747.0	CONT		1	84	180	
			LEAR	2334.0	2334.0	III		1	71	146	
			LEAR	2345.0	2345.0	III		1	25	180	
			PALE	2345.0	2345.0	III		1	25	56	
02			LEAR	0038.0	0041.0	III		1	25	157	
			PALE	0038.0	0038.0	III		1	25	86	
			LEAR	0142.0	0144.0	III		2	25	180	
			PALE	0144.0	0144.0	III		1	25	180	
			LEAR	0259.0	0300.0	III		1	52	180	
			LEAR	0306.0	0306.0	III		2	25	180	
			PALE	0306.0	0306.0	III		1	25	180	
			LEAR	0318.0	0318.0	III		1	64	180	
			LEAR	0335.0	0341.0	III		1	25	180	
			PALE	0336.0	0337.0	III		1	25	180	
	0331	1919	POTS	0340.3	0346.4	III	G,N	1	40X	85U	See Note 2
			LEAR	0345.0	0346.0	III		1	66	110	
			LEAR	0402.0	0402.0	III		1	25	162	
			PALE	0402.0	0402.0	III		1	25	180	
			SVTO	0402.0	0402.0	III		1	25	155	
			POTS	0402.3	0402.8	III	B,U	1	45	270	See Note 2
			LEAR	0427.0	0428.0	III		2	25	180	
			PALE	0427.0	0428.0	III		1	25	180	
			POTS	0427.0	0427.9	III	G	2	40X	400U	See Note 2
			SVTO	0427.0	0428.0	III		2	25	180	
			POTS	0554.2	0554.8	III	G	1	120U	400	See Note 2
	0605	1753	ONDR								
			LEAR	0646.0	0647.0	III		1	25	158	
			SVTO	0646.0	0647.0	III		1	25	160	
			LEAR	0710.0	0713.0	III		2	25	180	
			SVTO	0710.0	0719.0	III		2	25	180	
			POTS	0711.4	0719.5	III	GG,N	2	40X	390	See Note 2
	0430	1815	BLEN	0711.4	0715.0	III	GG	1	100X	350	
			LEAR	0715.0	0719.0	III		1	25	160	
			POTS	0747	0753	I	S,N	1	230	370	See Note 2
			LEAR	0751.0	0759.0	III		1	25	180	
			SVTO	0751.0	0759.0	III		1	25	156	
			POTS	0755.8	0808.7	III	GG,N	1	40X	400U	See Note 2
			LEAR	0807.0	0808.0	III		2	25	180	

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OBSERVATION		Sta	EVENT		Spectral Class	Event Remarks	Int (1-3)	FREQUENCY		Remarks
Start Day (UT)	End Day (UT)		Start (UT)	End (UT)				Lower (MHz)	Upper (MHz)	
02		SVTO	0807.0	0808.0	III		2	25	180	
		LEAR	0824.0	0831.0	III		1	25	155	
		SVTO	0824.0	0831.0	III		2	25	167	
		POTS	0824.4	0831.7	III	G,N	1	40X	400U	See Note 2
		POTS	0848.3	0856.8	III	GG,N	1	40X	400U	See Note 2
		BLEN	0848.4	0856.7	III	GG	1	100X	500	
		LEAR	0853.0	0856.0	III		1	25	180	
		SVTO	0854.0	1345.0	III	N	2	25	180	
		SGMR	0933.0	1645.0	III	N	1	30	180	
		POTS	0958.6	1027.5	I	S,N	1	200U	360	See Note 2
		POTS	1032.8	1041.7	III	G,N	1	40X	380	See Note 2
		POTS	1135.7	1135.9	III	B	1	40X	150	See Note 2
		POTS	1205	1238 U	I	S,N	1	230	360	See Note 2
		SVTO	1432.0	1645.0	III	N	2	25	149	
		POTS	1522.6	1522.8	III	B	1	40X	75	See Note 2
		POTS	1609.0	1609.9	III	G	2	40X	300	See Note 2
		POTS	1609.6	1611.7	I	DC	2	270	360	See Note 2
		BLEN	1630.0	1641.5	III	GG	2	100X	400	
		POTS	1639.4	1641.4	III	GG	1	40X	400	See Note 2
		POTS	1759.0	1802.1	III	GG,N,U	2	40X	400	See Note 2
		SGMR	1759.0	1805.0	III		1	30	180	
		SVTO	1759.0	1759.0	III		1	75	180	
		SGMR	2138.0	2138.0	III		1	34	180	
		LEAR	2349.0	2349.0	III		1	25	137	
03		LEAR	0206.0	0206.0	III		1	25	93	
		LEAR	0255.0	0255.0	III		2	25	180	
		PALE	0255.0	0255.0	III		1	25	173	
	0331 1430 0435 1815	POTS	0421	0440	I	S,N	2	250	370	See Note 2
		BLEN								
		POTS	0442.4	0450.8	III	GG,N,U	2	40X	400U	See Note 2
		LEAR	0443.0	0445.0	III		1	68	180	
		SVTO	0444.0	0449.0	III		1	37	180	
		LEAR	0449.0	0450.0	III		1	25	180	
		LEAR	0508.0	0508.0	III		1	25	126	
		SVTO	0508.0	0508.0	III		1	25U	124U	
		LEAR	0537.0	0538.0	III		1	25	157	
		SVTO	0537.0	0538.0	III		1	25	151	
		POTS	0537.5	0538.1	III	G	1	40X	130	See Note 2
		LEAR	0556.0	0556.0	III		1	25	145	
		SVTO	0556.0	0556.0	III		2	25	141	
		POTS	0556.1	0558.5	III	G,N	2	40X	290	See Note 2
	0609 1753	ONDR								
		LEAR	0640.0	0641.0	III		2	25	148	
		SVTO	0640.0	0641.0	III		2	25	142	
		POTS	0640.5	0641.8	III	G	2	40X	130	See Note 2
		POTS	0725	0739	I	S,N	1	320	400	See Note 2
		POTS	0740.6	0742.3	III	GG	2	200U	390	See Note 2
		LEAR	0810.0	0813.0	III		1	25	148	
		SVTO	0810.0	0812.0	III		1	25	147	
		POTS	0810.9	0813.3	III	G	2	40X	330	See Note 2
		POTS	0821	1430 U	I	S,N	1	300	380	See Note 2
		POTS	0900.7	0900.9	III	G	1	200U	330	See Note 2
		LEAR	0907.0	0908.0	III		2	25	180	
		SVTO	0907.0	0908.0	III		2	25	180	
		POTS	0907.6	0908.3	III	G	3	40X	400U	See Note 2
		SVTO	0938.0	0939.0	III		2	25	81	
		POTS	0938.8	0939.2	III	G	2	40X	150	See Note 2
		POTS	0948.2	0950.9	III	G,N	2	40X	370	See Note 2
		POTS	1024.0	1024.4	III	G	2	40X	300	See Note 2
		POTS	1149.9	1150.3	III	G	1	200U	370	See Note 2
		SGMR	1212.0	1213.0	III		1	30	180	
		SVTO	1212.0	1213.0	III		1	25	180	
		POTS	1212.8	1215.1	III	GG	2	40X	400	See Note 2
		SGMR	1242.0	1243.0	III		1	30	151	
		SVTO	1242.0	1243.0	III		1	25	153	
		POTS	1242.7	1245.9	III	G,N	2	40X	350	See Note 2
		SGMR	1332.0	1422.0	III	N	1	30	70	
		SVTO	1348.0	1348.0	III		1	25	68	

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OBSERVATION		Sta	Start (UT)	End (UT)	EVENT		Int (1-3)	FREQUENCY		Remarks	
Day (UT)	Start End (UT) (UT)				Spectral Class	Event Remarks		Lower (MHz)	Upper (MHz)		
03		SGMR	1618.0	1623.0	III		1	30	180		
		SVTO	1619.0	1623.0	III		1	25	152		
		SGMR	1824.0	1938.0	III	N	1	30	180		
		SGMR	2108.0	2224.0	III	N	1	30	180		
		LEAR	2356.0	2357.0	III		1	25	178		
		PALE	2356.0	2357.0	III		1	25	175		
04		LEAR	0242.0	0243.0	III		1	25	165		
		PALE	0242.0	0243.0	III		1	25	153		
		LEAR	0248.0	0250.0	III		1	25	164		
		PALE	0248.0	0250.0	III		1	25	172		
		LEAR	0317.0	0318.0	III		2	25	180		
		PALE	0317.0	0318.0	III		1	25	180		
		LEAR	0402.0	0402.0	III		1	25	180		
		SVTO	0402.0	0402.0	III		1	58	171		
	0332	1920	POTS	0402.3	0412.2	III	G,N,U	2	40X	370	See Note 2
			SVTO	0410.0	0414.0	III		1	25	180	
			LEAR	0411.0	0415.0	III		2	25	180	
			PALE	0411.0	0411.0	III		1	25	180	
			POTS	0448	1817	U I	S,N	2	200	380	See Note 2
	0609	1753	ONDR								
			LEAR	0629.0	0630.0	III		1	74	180	
			SVTO	0629.0	0630.0	III		1	25	148	
			LEAR	0636.0	0642.0	III		2	25	180	
			SVTO	0636.0	0643.0	III		2	25	180	
			POTS	0638.0	0647.4	III	GG,N	2	40X	360	See Note 2
			SVTO	0643.0	0647.0	III		1	25	173	
			LEAR	0644.0	0647.0	III		2	25	180	
	0435	1815	BLEN	0722.0	1815.0X	I	DC	1	100X	300	
			LEAR	0742.0	0742.0	III		1	25	141	
			SVTO	0742.0	0742.0	III		1	25	140	
			LEAR	0811.0	0812.0	III		1	25	180	
			SVTO	0811.0	0819.0	III		2	25	174	
			POTS	0811.7	0812.1	III	G	2	40X	330	See Note 2
			POTS	0824.9	0845.9	III	GG,N,U	2	40X	310	See Note 2
			LEAR	0825.0	0828.0	III		2	25	180	
			SVTO	0825.0	1125.0	III	N	2	25	180	
			LEAR	0832.0	0833.0	III		2	25	180	
			LEAR	0837.0	0839.0	III		2	25	180	
		LEAR	0845.0	0845.0	III		2	25	180		
		POTS	0930.8	0931.0	III	B,U	1	50	80	See Note 2	
		BLEN	0938.0	0938.4	III	G	2	100X	230		
		SGMR	0938.0	1127.0	III	N	1	30	180		
		POTS	0955.5	0959.5	III	G	1	40X	370	See Note 2	
		POTS	1011.4	1011.9	III	G	1	40X	380	See Note 2	
		POTS	1029.1	1029.5	III	B	2	40X	270	See Note 2	
		POTS	1109.7	1125.7	III	GG,N	2	40X	330	See Note 2	
		BLEN	1124.9	1125.9	III	GG,S	2	100X	300		
		SGMR	1125.0	1125.0	III		1	30	180		
		SGMR	1209.0	1215.0	III		1	30	180		
		SVTO	1210.0	1215.0	III		1	25	175		
		POTS	1211.2	1215.7	III	G	1	40X	330	See Note 2	
		SGMR	1304.0	1400.0	III	N	1	30	180		
		SVTO	1304.0	1357.0	III	N	2	25	180		
		POTS	1319.4	1357.8	III	GG,N	1	40X	270	See Note 2	
		SGMR	1446.0	1446.0	III		1	30	55		
		SVTO	1446.0	1446.0	III		1	28U	83U		
		SVTO	1547.0	1555.0	III		2	25	180		
		POTS	1547.8	1555.3	III	GG	2	40X	290	See Note 2	
		SGMR	1548.0	1555.0	III		2	30	180		
		SVTO	1559.0	1600.0	III		1	35U	64U		
		SGMR	1631.0	1633.0	III		1	30	180		
		SVTO	1631.0	1636.0	III		2	25	173		
		POTS	1631.5	1636.3	III	GG	1	40X	350	See Note 2	
		PALE	1632.0	1632.0	III		1	25	180		
		SGMR	1731.0	1732.0	III		1	30	152		
		SVTO	1731.0	1732.0	III		1	29U	174U		
		POTS	1731.8	1732.1	III	B	1	40X	250	See Note 2	
		POTS	1806.9	1807.1	III	B	1	40X	140	See Note 2	

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OBSERVATION		Sta	Start (UT)	End (UT)	EVENT		Int (1-3)	FREQUENCY		Remarks	
Day (UT)	Start (UT)				Spectral Class	Event Remarks		Lower (MHz)	Upper (MHz)		
04		PALE	2008.0	2009.0	III	N	2	25	180		
		PALE	2213.0	2213.0	III		1	25	180		
		SGMR	2213.0	2213.0	III		1	30U	146U		
		LEAR	2330.0	2330.0	III		2	25	150		
		LEAR	2337.0	2338.0	III		2	25	153		
		LEAR	2343.0	2343.0	III		2	25	167		
		LEAR	2353.0	2359.0	III		2	25	180		
05		LEAR	0028.0	0029.0	III		2	25	180		
		PALE	0028.0	0029.0	III		1	25	180		
		LEAR	0046.0	0046.0	III		1	66	180		
		LEAR	0117.0	0118.0	III		2	25	167		
		PALE	0117.0	0126.0	III		1	25	180		
		LEAR	0123.0	0935.0	III	N	2	25	180		
		PALE	0134.0	0149.0	III		1	25	180		
		LEAR	0140.0	0141.0	III		2	25	164		
		PALE	0226.0	0234.0	III		1	25	153		
		LEAR	0233.0	0243.0	III		2	25	180		
		PALE	0238.0	0248.0	III		1	25	180		
	0332	1917	POTS	0343.0	0343.2	III	B	1	40X	80U	See Note 2
			POTS	0356 U	1345 U	I	S,N	1	200U	380	See Note 2
			PALE	0404.0	0405.0	III		1	25	159	
			SVTO	0404.0	0405.0	III		2	25	147	
			POTS	0404.8	0405.0	III	B	1	40X	80U	See Note 2
			SVTO	0424.0	1007.0	III	N	3	25	180	
	0435	1815	BLEN	0435.0X	1815.0X	I	DC	2	100X	320	
			POTS	0443.7	0443.9	III	B	1	40X	140	See Note 2
			POTS	0516.2	0540.7	III	GG,N	2	40X	240	See Note 2
			LEAR	0517.0	0524.0	V		2	25	180	
			LEAR	0536.0	0538.0	III		1	25	180	
			LEAR	0540.0	0541.0	V		1	25	180	
	0609	1752	ONDR								
			POTS	0657.1	0657.3	III	B	1	40X	140	See Note 2
			POTS	0738.2	0749.4	III	GG,N	1	40X	160	See Note 2
			POTS	0824.6	0838.3	III	G,N	1	40X	170U	See Note 2
			LEAR	0825.0	0826.0	III		1	25	168	
			SVTO	0854.0	0855.0	III		1	30	180	
			POTS	0854.8	0855.0	III	B	2	40X	320	See Note 2
			POTS	0907.8	0914.9	III	G	1	40X	290	See Note 2
			POTS	0925.6	0929.4	III	G,N	2	40X	280	See Note 2
		POTS	0940.3	0944.5	III	GG	2	40X	230	See Note 2	
		POTS	0953.7	1003.1	III	G,N	1	40X	170	See Note 2	
		SVTO	1054.0	1203.0	III	N	1	25	145		
		POTS	1102.8	1108.2	III	G,N	1	40X	130	See Note 2	
		POTS	1118.7	1118.9	III	B	1	40X	150	See Note 2	
		POTS	1202.9	1203.1	III	B	1	40X	130	See Note 2	
		SVTO	1242.0	1800.0	III	N	1	25	180		
		SVTO	1253.0	1253.0	III		2	25	81		
		POTS	1253.8	1253.9	III	B	1	40X	80U	See Note 2	
		SGMR	1322.0	1329.0	III		1	30	154		
		POTS	1322.3	1328.9	III	G	1	40X	240	See Note 2	
		SVTO	1326.0	1327.0	III		3	25	180		
		SGMR	1358.0	1400.0	III		1	30	132		
		POTS	1358.1	1400.6	III	G	1	40X	250	See Note 2	
		POTS	1448.2	1448.7	III	G	1	40X	170U	See Note 2	
		POTS	1512.8	1513.1	III	B	2	40X	130	See Note 2	
		SVTO	1513.0	1513.0	III		2	25	146		
		POTS	1540.9	1545.9	III	G	2	40X	290U	See Note 2	
		SVTO	1542.0	1546.0	III		2	25	180		
		POTS	1545	1602	I	S,N	1	200U	310	See Note 2	
		POTS	1630.8	1638.6	III	G	2	40X	280	See Note 2	
		PALE	1634.0	1636.0	III		1	25	180		
		SVTO	1635.0	1636.0	III		2	25	180		
		PALE	1704.0	1713.0	III		1	25	180		
		POTS	1705.5	1714.7	III	GG	2	40X	240	See Note 2	
		POTS	1733.0	1744.2	III	G,N	2	40X	380	See Note 2	
		PALE	1736.0	1830.0	III	N	2	25	180		
		SGMR	1743.0	1744.0	V		1	30	180		
		POTS	1746	1811	I	S,N	1	200U	280	See Note 2	

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OBSERVATION		Sta	Start (UT)	End (UT)	EVENT		Int (1-3)	FREQUENCY		Remarks
Start Day (UT)	End Day (UT)				Spectral Class	Event Remarks		Lower (MHz)	Upper (MHz)	
05		PALE	2110.0	2212.0	III	N	2	25	180	
		SGMR	2110.0	2130.0	III	N	1	30	180	
		SGMR	2110.0	2230.0	III	N	1	30	180	
		PALE	2330.0	2343.0	III		1	25	167	
06		LEAR	0006.0	0013.0	III		1	25	146	
		PALE	0012.0	0013.0	III		1	25	146	
		LEAR	0033.0	0034.0	III		1	25	90	
		PALE	0033.0	0034.0	III		1	25	56	
		LEAR	0054.0	0823.0	CONT		1	72	151	
		LEAR	0110.0	0110.0	III		1	25	153	
		PALE	0110.0	0110.0	III		1	25	175	
		LEAR	0145.0	0145.0	III		1	25	169	
		PALE	0145.0	0145.0	III		1	25	168	
		SVTO	0413.0	0418.0	III		1	75	180	
		SVTO	0422.0	0425.0	III		1	64	180	
		LEAR	0451.0	0451.0	III		1	25	164	
		SVTO	0451.0	0451.0	III		1	25	151	
0332	1917	POTS	0452 U	0622 U	I	S,N	1	200U	390	See Note 2
		SVTO	0454.0	0824.0	CONT		1	42	164	
		POTS	0613.9	0614.9	III	GG	2	40X	400U	See Note 2
0435	1815	BLEN	0613.9	0614.9	III	GG	2	100X	600	
		LEAR	0614.0	0615.0	III		2	25	180	
		SVTO	0614.0	0615.0	V		3	25	180	
		LEAR	0716.0	0720.0	III		1	25	47	
		SVTO	0716.0	0720.0	III		2	25	64	
		LEAR	0751.0	0753.0	III		2	25	166	
		SVTO	0751.0	0753.0	III		2	25	147	
		POTS	0753.1	0753.3	III	B	2	40X	240	See Note 2
		LEAR	0817.0	0823.0	III		2	25	168	
		SVTO	0817.0	0822.0	III		1	25	180	
0609	1751	ONDR	0817.3	0857.0	DCIM	G	2	800X	2000X	
		BLEN	0817.9	0844.8	II		3	100X	180	
		BLEN	0817.9	1211.5	DCIM	C	2	100X	4000X	
		POTS	0819.6	0857 U	IV		2	40X	400U	See Note 2
		LEAR	0823.0	0927.0	IV		1	62	180	
		SVTO	0824.0	0841.0	II		2	25	180	ESS 0704
		POTS	0824.8	0848	II	F,SH	2	260	400U	See Note 2
		SVTO	0830.0	1025.0	IV		1	25	180	
		LEAR	0843.0	0843.0	III		1	25	105	
		SVTO	0843.0	0843.0	III		1	25	180	
		POTS	0857 U	1725	I	S,N	1	200U	300	See Note 2
		SGMR	1206.0	1545.0	III	N	1	30	180	
		SVTO	1206.0	1525.0	III	N	2	25	180	
		POTS	1310.9	1311.1	III	B	2	40X	130	See Note 2
		POTS	1723.0	1723.5	UNCLF		2	200U	400U	See Note 2
		PALE	1929.0	1930.0	III		1	25	67	
		PALE	1944.0	1945.0	III		1	25	55	
		PALE	2147.0	2147.0	III		1	25	61	
		SGMR	2147.0	2147.0	III		1	30	58	
		PALE	2316.0	2316.0	III		1	25	62	
		SGMR	2316.0	2316.0	III		1	30	34	
07		LEAR	0012.0	0020.0	III		2	25	180	
		LEAR	0158.0	0202.0	III		1	25	148	
		LEAR	0222.0	0224.0	III		1	25	174	
		PALE	0222.0	0223.0	III		1	25	107	
		LEAR	0453.0	0459.0	V		2	25	180	
		PALE	0453.0	0453.0	III		1	25	118	
		SVTO	0453.0	0457.0	III		2	25	180	
0332	1917	POTS	0453.2	0457.7	III	GG,N,U	2	40X	400U	See Note 2
		PALE	0456.0	0457.0	III		1	25	180	
		SVTO	0603.0	0945.0	III	N	2	25	180	
		LEAR	0653.0	0655.0	III		1	31U	180U	
		POTS	0653.7	0655.6	III	G	1	45	260	See Note 2
		LEAR	0712.0	0712.0	III		1	25	180	
		POTS	0712.2	0712.8	III	G	1	40X	370	See Note 2
		LEAR	0739.0	0740.0	III		1	25	152	
		POTS	0739.6	0801.3	III	G,N	1	40X	400U	See Note 2

S O L A R R A D I O E M I S S I O N
Spectral Observations

JULY 2006

OBSERVATION		Sta	EVENT		Event Remarks	Int (1-3)	FREQUENCY		Remarks
Start Day (UT)	End (UT)		Start (UT)	End (UT)			Spectral Class	Lower (MHz)	
07		LEAR	0756.0	0801.0	III	2	25	151	
		POTS	0818.8	0820.9	III	2	40X	360	See Note 2
		LEAR	0819.0	0820.0	III	2	25	180	
		LEAR	0850.0	0850.0	III	1	25	180	
		POTS	0850.5	0909.0	III	2	40X	360	See Note 2
		LEAR	0900.0	0909.0	III	2	25	180	
		POTS	1111.7	1111.9	DCIM	1	210	320	See Note 2
		SGMR	1158.0	1230.0	III	2	30	180	
		SVTO	1158.0	1206.0	III	3	25	180	
		POTS	1158.2	1219.2	III	3	40X	800X	See Note 2
		POTS	1201.5	1203.4	DCIM	2	280	800X	See Note 2
0440	1810	BLEN	1201.5	1213.9	III	3	100X	2000	
0610	1752	ONDR	1202.1	1204.5	DCIM	1	800X	2000X	
		SVTO	1207.0	1238.0	III	2	25	180	
		POTS	1229.3	1230.1	III	1	40X	320	See Note 2
		POTS	1234	1507 U	I	1	200U	350	See Note 2
		SGMR	1319.0	1644.0	III	1	30	180	
		SVTO	1332.0	1334.0	III	2	25U	68U	
		SVTO	1501.0	1503.0	III	2	25	180	
		POTS	1501.3	1503.5	III	2	40X	400U	See Note 2
		SGMR	1502.0	1503.0	III	1	30	180	
		BLEN	1502.9	1505.3	III	2	100X	500	
		SVTO	1525.0	1647.0	III	2	25	157	
		POTS	1556.5	1557.1	I	2	240	360	See Note 2
		POTS	1556.5	1608.5	III	1	40X	400U	See Note 2
		POTS	1709	1756 U	I	1	210	280	See Note 2
		SGMR	1812.0	1842.0	III	1	30	180	
		SGMR	2013.0	2031.0	III	1	30	180	
		SGMR	2114.0	2114.0	III	1	30	55	
		SGMR	2145.0	2150.0	III	2	30	180	
		SGMR	2159.0	2203.0	III	1	30	180	
		LEAR	2329.0	2342.0	III	1	25	147	
08		LEAR	0020.0	0021.0	III	1	25	156	
		PALE	0020.0	0021.0	III	1	25	180	
		LEAR	0050.0	0053.0	III	1	25	135	
		PALE	0050.0	0051.0	III	1	25	127	
		LEAR	0158.0	0158.0	III	1	25	137	
		PALE	0158.0	0158.0	III	1	25	70	
		LEAR	0226.0	0232.0	III	1	25	46	
		LEAR	0240.0	0250.0	III	1	25	143	
		LEAR	0349.0	0355.0	III	1	25	167	
		SVTO	0349.0	0355.0	III	1	25	56	
0332	1917	POTS	0349.2	0349.4	III	1	40X	70U	See Note 2
		LEAR	0413.0	0414.0	III	1	25	180	
		SVTO	0413.0	0414.0	III	1	25	160	
		POTS	0413.9	0414.3	III	2	40X	400U	See Note 2
		POTS	0459	0602	I	1	200U	300	See Note 2
		POTS	0536.4	0537.0	III	2	130	400	See Note 2
0440	1810	BLEN	0536.4	0537.1	III	1	100X	400	
0610	1751	ONDR							
		SVTO	0638.0	0639.0	III	1	28U	61U	
		LEAR	0701.0	0701.0	III	2	25	180	
		SVTO	0701.0	0701.0	III	1	25U	84U	
		POTS	0727	0827	I	1	200	280	See Note 2
		LEAR	0756.0	0756.0	III	1	25	99	
		SVTO	0756.0	0756.0	III	1	28U	84U	
		POTS	0756.6	0756.7	III	1	40X	80U	See Note 2
		LEAR	0821.0	0822.0	III	1	25	84	
		SVTO	0821.0	0822.0	III	1	28U	65U	
		POTS	0821.7	0822.2	III	1	40X	270	See Note 2
		POTS	0840.3	0840.7	DCIM	1	200U	340	See Note 2
		POTS	0906.3	0906.7	III	1	40X	320	See Note 2
		POTS	0911.9	0913.5	III	1	40X	550	See Note 2
		SVTO	0912.0	0913.0	III	1	30U	175U	
		SVTO	0946.0	1155.0	III	1	28	165	
		POTS	0946.7	0957.8	III	2	40X	400	See Note 2
		POTS	1021.0	1021.4	III	2	40X	250	See Note 2
		POTS	1031 U	1330 U	I	1	200	280	See Note 2

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Spectral Observations

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JULY 2006

OBSERVATION			Sta	Start (UT)	End (UT)	EVENT		Int (1-3)	FREQUENCY		Remarks
Day	Start (UT)	End (UT)				Spectral Class	Event Remarks		Lower (MHz)	Upper (MHz)	
28	0615	1734	ONDR								
29	0335	1859	POTS								See Note 2
	0500	1800	BLEN								
	0615	1733	ONDR								
30	0335	1859	POTS								See Note 2
	0619	1732	ONDR								
31	0335	1856	POTS								See Note 2
	0619	1731	ONDR								

Event Remarks:

B = Single burst	N = Intermittent activity in this period
C = Underlying continuum (particularly with Type I)	MOV = Moving (Type IV)
DC = Drifting chains	MWB = Meter wave burst
DP = Drifting pairs	RS = Reverse slope burst
F = Fundamental emission (Type II)	S = Storm in the sense of intermittent but apparently connected actively
FS = Fine structures (Type IV)	SH = Secondary harmonic emission
G = Small group of bursts (<10)	STA = Stationary (Type IV)
GG = Large group of bursts (>10)	U = U-shaped burst of Type III
H = Herringbone	UE = Uncertain emission (Type II)
HARM = Harmonic	W = Weak

Frequency qualifiers:

X = Extends beyond instrument range U = Uncertain frequency

Remarks:

SWF = Associated short wave fade observed
ESS = Estimated shock speed in km/s (Type II)
FLA = Associated flare observed (class optional)

Stations Reporting:

CULG = Culgoora	IZMI = Izmiran	LEAR = Learmonth	ONDR = Ondrejov	BLEN = Bleien
PALE = Palehua	POTS = Potsdam	SGMR = Sagamore Hill	SVTO = San Vito	

NOTE 1: Beginning June 26, 2001, the Bleien observatory changed to higher frequencies (1-4Ghz).
NOTE 2: Potsdam has reduced sensitivity in the 400-800 MHz range.