

B. Solar Radio Emission
 B1. Daily Data at Hiraiso
 500 MHz

Hiraiso

May 2001

Single-frequency total flux observations at 500 MHz					
Flux density: $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$					
Date \ UT	00-03	03-06	06-09	21-24	Day
1	39	41	41	40	40
2	39	38	38	43	40
3	44	43	44	45	44
4	44	42	42	43	43
5	43	43	41	41	42
6	40	38	39	43	40
7	40	38	38	38	38
8	38	36	34	36	36
9	37	35	35	37	36
10	36	35	34	39	36
11	36	36	36	42	37
12	39	38	37	42	39
13	39	38	36	41	39
14	37	34	37	38	36
15	36	37	37	33	36
16	36	35	31	39	35
17	37	36	35	41	37
18	38	36	35	40	37
19	38	36	37	39	37
20	39	35	38	35	37
21	37	37	39	43	39
22	41	40	37	36	39
23	37	37	32	34	35
24	37	40	40	47	41
25	42	79	67	45	59
26	44	39	40	39	40
27	42	40	39	40	40
28	39	40	43	41	40
29	39	39	40	35	38
30	35	36	38	33	35
31	34	36	36	33	35

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

May 2001

Single-frequency observations								
Normal observing period: 1925 - 0945 U.T. (sunrise to sunset)								
MAY. 2001	FREQ. (MHz)	TYPE	START TIME (U.T.)	TIME OF MAXIMUM (U.T.)	DUR. (MIN.)	FLUX DENSITY (10^{-22} W m ⁻² Hz ⁻¹)		POLARIZATION
						PEAK	MEAN	REMARKS
1	200	8 S	2017.0	2018.0	1.0	300	-	0
2	500	8 S	0031.0	0032.0	2.0	40	-	0
2	2800	3 S	0032.0	0036.0	9.0	80	-	0
2	200	8 S	0120.0	0120.0	1.0	20	-	0
2	2800	4 S/F	0628.0	0631.0	6.0	80	-	0
2	200	8 S	0629.0	0630.0	1.0	30	-	0
2	200	8 S	2004.0	2004.0	1.0	40	-	0
3	200	8 S	0024.0	0025.0	1.0	15	-	0
3	500	8 S	0034.0	0035.0	1.0	30	-	WR
3	200	8 S	0332.0	0332.0	1.0	35	-	0
4	200	8 S	0738.0	0738.0	1.0	30	-	WL
4	200	8 S	2055.0	2055.0	1.0	20	-	0
5	200	8 S	0621.0	0621.0	1.0	20	-	0
5	200	8 S	2318.0	2318.0	1.0	15	-	0
6	200	8 S	0004.0	0004.0	1.0	30	-	0
6	200	8 S	0652.0	0652.0	1.0	10	-	MR
6	200	8 S	0748.0	0749.0	1.0	5	-	0
8	2800	7 C	0040.0	0051.0	15.0	40	-	0
8	2800	29 PBI	-	0055.0		40	-	0
8	200	8 S	0722.0	0722.0	1.0	10	-	0
10	500	7 C	0349.0	0353.0	7.0	40	-	0
10	200	8 S	0429.0	0429.0	1.0	5	-	0
10	500	8 S	0446.0	0447.0	1.0	10	-	0
10	200	8 S	0446.0	0446.0	1.0	160	-	0
10	500	8 S	2103.0	2103.0	1.0	70	-	0
11	200	8 S	0349.0	0349.0	1.0	15	-	0
11	500	4 S/F	0712.0	0716.0	8.0	50	-	WR
11	200	8 S	2031.0	2031.0	1.0	10	-	WR
11	500	8 S	2320.0	2320.0	1.0	55	-	0
12	200	47 GB	0226.0	0227.0	1.0	715	-	0
12	200	8 S	0535.0	0536.0	1.0	15	-	0
12	200	8 S	0743.0	0743.0	1.0	40	-	0
12	2800	7 C	2326.0	2337.0	51.0	185	-	0
12	500	8 S	2327.0	2327.0	3.0	480	-	0
12	200	8 S	2327.0	2327.0	1.0	1840	-	0
12	500	7 C	2332.0	2335.0	70.0	245	-	WR
12	200	27 RF	2332.0	0008.0	98.0	145	-	0
13	2800	7 C	0301.0	0309.0	12.0	105	-	0
13	500	47 GB	0302.0	0302.0	1.0	1075	-	0
13	500	47 GB	0303.0	0308.0	41.0	555	-	0
13	200	47 GB	0303.0	0308.0	2.0	1470	-	0
13	200	7 C	0307.0	0308.0	40.0	175	-	0
13	500	7 C	0358.0	0402.0	17.0	55	-	0
13	200	42 SER	0535.0	0535.0	5.0	25	-	0
13	200	8 S	0825.0	0826.0	1.0	10	-	0
14	200	8 S	0337.0	0338.0	1.0	10	-	0
14	200	8 S	2148.0	2148.0	1.0	15	-	0

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MAY. 2001	FREQ. (MHz)	TYPE	START TIME (U.T.)	TIME OF MAXIMUM (U.T.)	DUR. (MIN.)	FLUX DENSITY ($10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$)		POLARIZATION REMARKS
						PEAK	MEAN	
14	200	8 S	2208.0	2208.0	1.0	25	-	0
14	200	8 S	2218.0	2220.0	2.0	30	-	0
14	200	8 S	2244.0	2245.0	1.0	10	-	WR
14	200	8 S	2248.0	2248.0	1.0	5	-	0
14	200	8 S	2254.0	2254.0	1.0	30	-	WR
15	2800	1 S	0256.0	0258.0	5.0	35	-	0
15	500	8 S	0257.0	0258.0	5.0	95	-	WL
15	200	47 GB	0301.0	0303.0	2.0	505	-	0
15	200	8 S	0450.0	0450.0	1.0	20	-	0
15	500	8 S	0456.0	0456.0	1.0	60	-	0
15	200	8 S	0456.0	0457.0	2.0	45	-	0
15	200	8 S	0516.0	0516.0	1.0	50	-	0
15	200	8 S	0605.0	0606.0	1.0	15	-	0
15	200	8 S	0608.0	0608.0	1.0	45	-	0
15	200	8 S	2121.0	2121.0	1.0	25	-	0
16	500	8 S	0639.0	0639.0	1.0	200	-	0
16	200	8 S	0740.0	0740.0	1.0	15	-	0
17	2800	3 S	2043.0	2045.0	5.0	85	-	0
17	2800	1 S	2137.0	2139.0	2.0	20	-	0
17	200	8 S	2159.0	2159.0	1.0	20	-	0
17	2800	3 S	2317.0	2319.0	9.0	40	-	0
17	200	8 S	2330.0	2333.0	1.0	30	-	0
18	200	8 S	0446.0	0446.0	1.0	40	-	0
18	200	8 S	2016.0	2017.0	2.0	20	-	WL
19	200	47 GB	0742.0	0743.0	2.0	1180	-	0
20	2800	3 S	0601.0	0603.0	9.0	110	-	0
20	500	4 S/F	0601.0	0604.0	12.0	45	-	0
20	200	47 GB	0601.0	0603.0	2.0	520	-	0
20	200	47 GB	0604.0	0606.0	2.0	1220	-	0
20	200	8 S	0920.0	0920.0	1.0	160	-	0
21	2800	4 S/F	0313.0	0320.0	16.0	120	-	0
21	500	7 C	0313.0	0315.0	8.0	70	-	ML
21	200	7 C	0313.0	0315.0	13.0	290	-	ML
22	200	47 GB	0258.0	0258.0	1.0	1080	-	0
22	200	8 S	2036.0	2036.0	1.0	15	-	0
22	200	8 S	2221.0	2222.0	1.0	60	-	0
22	500	4 S/F	2240.0	2243.0	8.0	45	-	WL
22	200	4 S/4	2240.0	2244.0	10.0	70	-	0
23	200	8 S	0930.0	0931.0	1.0	60	-	WL
25	500	8 S	0665.0	0655.0	1.0	40	-	0
25	200	8 S	0655.0	0656.0	1.0	190	-	MR
25	200	8 S	0813.0	0813.0	1.0	265	-	MR
26	200	8 S	0513.0	0514.0	1.0	20	-	WL
29	200	8 S	0831.0	0831.0	1.0	5	-	0
29	200	7 C	2147.0	2149.0	3.0	340	-	0
29	500	8 S	2149.0	2149.0	1.0	10	-	0
30	200	7 C	0005.0	0006.0	3.0	55	-	0

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Normal observing period: 1925 - 0945 U.T. (sunrise to sunset)								
MAY.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY		POLARIZATION
						($10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$)		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
31	200	8 S	0142.0	0142.0	1.0	10	-	0
31	200	42 SER	0533.0	0533.0	4.0	15	-	0

