

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

Hiraiso

June 2001

Single-frequency total flux observations at 500 MHz					
Flux density: $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$					
UT Date	00-03	03-06	06-09	21-24	Day
1	35	36	38	37	36
2	35	38	40	39	38
3	36	36	35	43	38
4	40	37	40	39	39
5	38	36	36	36	36
6	37	38	35	39	37
7	36	38	37	39	38
8	39	41	43	44	42
9	47	46	45	43	45
10	43	43	39	43	42
11	40	39	40	40	40
12	40	40	41	41	41
13	41	40	40	39	40
14	40	42	42	38	41
15	39	40	39	41	40
16	40	40	40	40	40
17	39	38	36	42	38
18	39	36	39	40	38
19	38	36	36	37	37
20	38	40	41	39	40
21	40	38	39	40	40
22	40	38	39	41	40
23	38	38	37	40	39
24	40	39	36	38	38
25	38	38	38	40	38
26	37	36	35	38	37
27	35	35	36	38	36
28	35	34	34	37	35
29	35	33	34	35	34
30	34	33	33	36	34
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B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

June 2001

Single-frequency observations								
Normal observing period: 1920 - 1000 U.T. (sunrise to sunset)								
JUN. 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
						PEAK	MEAN	REMARKS
2	200	2 S	0157.0	0159.0	8.0	45	-	ML
2	200	1 S	0724.0	0724.0	8.0	200	-	0
2	200	1 S	2059.0	2059.0	8.0	5	-	0
2	200	2 S	2256.0	2257.0	8.0	20	-	0
3	200	1 S	0156.0	0156.0	8.0	20	-	0
3	200	4 C	0840.0	0841.0	7.0	35	-	0
3	2800	3 S	2100.0	2101.0	3.0	60	-	0
3	500	7 S/F	2100.0	2101.0	4.0	10	-	0
3	200	3 S	2100.0	2101.0	8.0	60	-	0
3	200	17 GB	2107.0	2115.0	47.0	1020	-	0
3	500	14 C	2109.0	2114.0	7.0	30	-	0
3	2800	3 S	2117.0	2119.0	1.0	30	-	0
4	200	1 S	0801.0	0802.0	8.0	65	-	0
4	2800	5 S	0806.0	0808.0	3.0	170	-	0
4	500	9 S/F	0806.0	0812.0	4.0	25	-	0
4	200	13 C	0806.0	0807.0	7.0	320	-	0
4	200	1 S	2016.0	2016.0	8.0	40	-	WR
4	200	2 S	2221.0	2222.0	8.0	55	-	MR
4	200	1 S	2308.0	2309.0	8.0	20	-	0
5	200	1 S	0036.0	0036.0	8.0	25	-	0
5	2800	11 GB	0443.0	0447.0	47.0	835	-	WL
5	500	10 S/F	0443.0	0447.0	4.0	235	-	0
5	200	13 GB	0443.0	0446.0	47.0	2510	-	0
5	200	1 S	0509.0	0509.0	8.0	10	-	0
6	200	2 S	1933.0	1934.0	8.0	10	-	0
6	500	6 C	2125.0	2126.0	7.0	350	-	MR
6	500	1 S	2140.0	2140.0	8.0	30	-	0
6	500	1 S	2207.0	2208.0	8.0	20	-	0
6	200	3 S	2313.0	2314.0	8.0	55	-	WR
6	500	1 S	2314.0	2315.0	8.0	170	-	MR
6	500	4 S	2317.0	2318.0	8.0	250	-	MR
6	200	2 S	2318.0	2318.0	8.0	50	-	0
6	500	1 S	2338.0	2338.0	8.0	150	-	MR
6	200	1 S	2338.0	2338.0	8.0	30	-	0
7	200	1 S	0042.0	0043.0	8.0	15	-	0
7	200	3 C	0106.0	0109.0	7.0	15	-	WR
7	500	1 S	0109.0	0110.0	8.0	70	-	WR
7	500	1 S	0143.0	0144.0	8.0	25	-	0
7	200	1 S	0143.0	0143.0	8.0	20	-	WR
7	500	7 C	0247.0	0248.0	7.0	175	-	WR
7	200	2 S	0248.0	0250.0	8.0	40	-	WR
7	200	3 C	0355.0	0358.0	7.0	40	-	0
7	500	7 C	0356.0	0356.0	7.0	60	-	WR
7	200	2 S	0504.0	0505.0	8.0	90	-	WR
7	500	1 S	0506.0	0506.0	8.0	10	-	0
7	200	1 S	0626.0	0626.0	8.0	50	-	0
7	500	5 S	0707.0	0708.0	3.0	75	-	WR

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JUN. 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	
7	200	5 S	0707.0	0710.0	3.0	480	-	MR
8	200	1 S	0005.0	0005.0	8.0	35	-	WR
8	200	1 S	0024.0	0024.0	8.0	30	-	WR
8	200	5 S	0222.0	0224.0	8.0	290	-	0
8	500	7 S/F	0223.0	0225.0	4.0	40	-	0
8	2800	4 S	0226.0	0227.0	8.0	35	-	0
9	200	1 S	0533.0	0533.0	8.0	30	-	0
10	200	1 S	0645.0	0645.0	8.0	50	-	WL
12	200	1 S	0134.0	0134.0	8.0	80	-	0
12	2800	4 S/F	0713.0	0714.0	4.0	70	-	0
12	500	5 S/F	0713.0	0714.0	4.0	30	-	0
12	200	7 C	0713.0	0719.0	7.0	140	-	0
12	200	1 S	2318.0	2318.0	8.0	15	-	0
13	2800	18 S/F	0425.0	0432.0	4.0	75	-	0
13	500	17 S/F	0426.0	0428.0	4.0	30	-	0
13	200	2 S	0426.0	0428.0	8.0	10	-	0
13	200	15 S/F	0428.0	0434.0	4.0	5	-	0
13	2800	7 S	0825.0	0828.0	1.0	20	-	0
13	500	7 S	0825.0	0828.0	1.0	10	-	0
13	200	12 C	0825.0	0827.0	7.0	180	-	0
13	200	1 S	1954.0	1954.0	8.0	65	-	0
14	200	1 S	0628.0	0629.0	8.0	10	-	0
14	200	1 S	0717.0	0718.0	8.0	25	-	0
15	200	1 S	2028.0	0228.0	8.0	10	-	0
15	2800	8 S/F	2215.0	2220.0	4.0	30	-	0
15	500	4 C	2217.0	2218.0	7.0	10	-	0
15	200	17 C	2229.0	2230.0	7.0	10	-	0
16	500	1 S	0048.0	0048.0	8.0	10	-	0
16	200	1 S	0048.0	0048.0	8.0	10	-	0
16	2800	11 S	2233.0	2237.0	3.0	60	-	0
16	500	6 S/F	2233.0	2236.0	4.0	10	-	0
16	200	4 SER	2234.0	2235.0	42.0	15	-	0
17	2800	7 S	0307.0	0310.0	1.0	20	-	0
17	500	1 S	0309.0	0309.0	8.0	5	-	0
18	200	8 C	0833.0	0834.0	7.0	35	-	WL
19	500	8 S	0333.0	0336.0	3.0	60	-	0
19	200	14 C	0335.0	0337.0	7.0	90	-	0
19	200	3 S	0806.0	0807.0	8.0	60	-	-
20	200	10 SER	0117.0	0121.0	42.0	30	-	0
20	500	10 S/F	0340.0	0342.0	4.0	25	-	0
20	200	10 C	0341.0	0342.0	7.0	30	-	0
21	2800	1 S	0130.0	0130.0	8.0	40	-	0
21	500	1 S	0130.0	0130.0	8.0	20	-	0
21	200	1 S	0130.0	0130.0	8.0	80	-	0
21	200	20 GB	0259.0	0308.0	47.0	500	-	0
21	500	16 SER	0303.0	0308.0	42.0	35	-	0
21	500	1 S	0436.0	0437.0	8.0	10	-	0

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						PEAK	MEAN	REMARKS
21	200	1 S	0437.0	0437.0	8.0	5	-	ML
21	200	1 S	0830.0	0830.0	8.0	25	-	0
21	200	1 S	0903.0	0930.0	8.0	60	-	SL
22	500	2 S	0500.0	0500.0	8.0	80	-	0
22	200	1 S	0500.0	0500.0	8.0	30	-	0
22	200	31 C	2022.0	2034.0	7.0	75	-	0
22	500	24 C	2027.0	2034.0	7.0	180	-	0
22	2800	9 S	2215.0	2217.0	3.0	105	-	0
22	500	3 S	2216.0	2217.0	8.0	50	-	0
23	200	1 S	0000.0	0001.0	8.0	20	-	0
23	2800	3 S	0012.0	0013.0	1.0	35	-	0
23	500	2 S	0208.0	0209.0	8.0	70	-	0
23	200	1 S	0208.0	0208.0	8.0	20	-	0
23	2800	4 S	0406.0	0408.0	3.0	45	-	0
23	500	1 S	0507.0	0507.0	8.0	140	-	0
23	500	1 S	0519.0	0519.0	8.0	60	-	0
23	500	1 S	0637.0	0637.0	8.0	190	-	0
23	200	1 S	0638.0	0638.0	8.0	20	-	0
23	500	4 C	0832.0	0835.0	7.0	145	-	0
23	200	2 S	0832.0	0083.0	8.0	100	-	0
23	500	1 S	0849.0	0849.0	8.0	85	-	0
23	200	3 C	0853.0	0856.0	7.0	45	-	0
23	200	1 S	1927.0	1927.0	8.0	25	-	0
23	200	3 S	2257.0	2259.0	8.0	15	-	0
24	200	3 S	0045.0	0046.0	8.0	25	-	0
24	200	1 S	0229.0	0229.0	8.0	90	-	0
24	2800	3 S	0313.0	0314.0	8.0	90	-	0
24	500	3 GB	0313.0	0313.0	47.0	510	-	0
24	200	4 S	0313.0	0313.0	8.0	380	-	0
24	500	2 GB	0448.0	0448.0	47.0	790	-	MR
24	200	2 S	0448.0	0450.0	8.0	15	-	WR
24	200	2 S	0530.0	0531.0	8.0	90	-	0
24	500	3 C	0633.0	0633.0	7.0	160	-	0
24	500	2 S	0728.0	0729.0	8.0	25	-	0
24	200	1 S	0728.0	0729.0	8.0	20	-	0
24	200	1 S	0814.0	0814.0	8.0	20	-	MR
25	200	1 S	0545.0	0545.0	8.0	40	-	0
26	200	1 S	0307.0	0307.0	8.0	40	-	0
26	200	1 S	0622.0	0622.0	8.0	70	-	0
27	200	4 C	0115.0	0116.0	7.0	275	-	0
27	200	1 S	0741.0	0741.0	8.0	15	-	0
27	200	1 S	2105.0	2105.0	8.0	30	-	0
27	200	1 S	2252.0	2252.0	8.0	10	-	0
28	200	3 S	0323.0	0325.0	8.0	15	-	WL

