

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

Hiraiso

April 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	50	48	48	57	51
2	47	43	42	55	51
3	50	51	51	53	51
4	51	50	47	51	50
5	45	42	42	49	44
6	44	43	43	54	45
7	46	43	41	44	44
8	43	42	42	22	37
9	290 [*]	23	20	44	29
10	43	41	85 [*]	45	43
11	42	39	40	39	40
12	38	37	35	40	37
13	37	35	35	38	36
14	36	34	34	38	36
15	36	36	36	41	37
16	38	35	35	41	37
17	36	34	35	38	36
18	36	35	34	37	36
19	38	37	37	42	38
20	39	37	37	42	37
21	42	43	42	44	43
22	45	43	43	51	46
23	47	45	44	47	46
24	44	42	43	41	42
25	42	44	43	47	44
26	44	43	42	47	44
27	43	40	40	44	42
28	43	40	38	43	41
29	41	39	39	40	40
30	42	43	45	39	42
31					

A superscript * stands for being superposed on a burst.

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

April 2001

Single-frequency observations								
Normal observing period: 2000 - 0920 U.T. (sunrise to sunset)								
APR. 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	2800	3 S	0523.0	0525.0	8.0	50	-	0
1	500	7 C	0523.0	0523.0	4.0	20	-	0
1	200	8 S	0524.0	0524.0	1.0	50	-	0
1	500	8 S	0633.0	0633.0	1.0	20	-	0
1	200	8 S	0633.0	0633.0	1.0	50	-	MR
2	2800	3 S	0016.0	0019.0	8.0	185	-	0
2	500	8 S	0018.0	0018.0	2.0	105	-	0
2	200	8 S	0130.0	0130.0	1.0	20	-	WL
2	200	8 S	0741.0	0742.0	1.0	30	-	WR
2	500	47 GB	2146.0	2150.0	17.0	510	-	0
2	200	47 GB	2149.0	2152.0	18.0	4460	-	0
2	500	47 GB	2205.0	2205.0	1.0	985	-	0
3	500	46 C	0316.0	0340.0	43.0	255	-	0
3	200	46 C	0317.0	0321.0	31.0	170	-	0
4	500	8 S	0523.0	0527.0	4.0	90	-	WL
4	200	8 S	0523.0	0523.0	3.0	80	-	0
5	500	8 S	0456.0	0457.0	2.0	10	-	0
5	500	8 S	0732.0	0733.0	2.0	20	-	0
5	200	8 S	2316.0	2316.0	1.0	25	-	0
7	200	8 S	0304.0	0304.0	1.0	30	-	0
8	200	8 S	0128.0	0128.0	1.0	10	-	0
8	200	8 S	0247.0	0248.0	2.0	20	-	0
9	500	47 GB	0109.0	0246.0	113.0	1200	-	0
9	2800	46 C	0129.0	0219.0	131.0	285	-	0
9	2800	8 S	0148.0	0149.0	1.0	305	-	SR
9	200	46 C	0113.0	0213.0	150.0	85	-	WL
10	200	8 S	0136.0	0136.0	1.0	15	-	0
10	500	47 GB	0504.0	0539.0	116.0	2850	-	0
10	200	47 GB	0504.0	0526.0		460	-	ML
10	2800	47 GB	0508.0	0526.0	58.0	3310	-	0
11	200	8 S	0026.0	0027.0	1.0	30	-	0
13	200	8 S	0130.0	0131.0	1.0	20	-	ML
13	200	8 S	0727.0	0728.0	1.0	10	-	WR
14	200	8 S	0053.0	0054.0	2.0	45	-	0
14	200	7 C	0157.0	0157.0	2.0	105	-	WR
14	200	7 C	2322.0	2325.0	4.0	45	-	0
15	200	8 S	0431.0	0431.0	1.0	35	-	0
15	200	8 S	0759.0	0800.0	1.0	10	-	0
15	200	8 S	0816.0	0817.0	1.0	75	-	0
15	200	8 S	2206.0	2206.0	1.0	15	-	WR
16	500	8 S	2105.0	2105.0	1.0	65	-	0
16	200	8 S	2105.0	2105.0	1.0	55	-	0
16	200	8 S	2223.0	2223.0	1.0	30	-	WR
17	200	8 S	0616.0	0616.0	1.0	30	-	0
17	200	8 S	0735.0	0736.0	1.0	85	-	WL
18	2800	3 S	2112.0	2118.0	14.0	495	-	0
18	500	8 S	2114.0	2115.0	1.0	170	-	0

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

April 2001

Single-frequency observations								
Normal observing period: 2000 - 0920 U.T. (sunrise to sunset)								
APR.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY		POLARIZATION
						(10 ⁻²² W m ⁻² Hz ⁻¹)		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
18	200	47 GB	2114.0	2115.0	16.0	550	-	WL
18	500	7 C	2115.0	2118.0	14.0	90	-	0
19	200	8 S	0440.0	0442.0	2.0	25	-	0
20	500	8 S	0057.0	0057.0	1.0	10	-	0
20	200	8 S	0057.0	0057.0	1.0	15	-	0
20	200	8 S	0705.0	0706.0	1.0	15	-	WL
20	2800	4 S/F	2129.0	2132.0	5.0	80	-	0
20	500	47 GB	2129.0	2129.0	6.0	830	-	WL
20	200	7 C	2130.0	2132.0	7.0	140	-	WL
21	200	8 S	0537.0	0537.0	1.0	25	-	WL
21	200	8 S	0903.0	0903.0	1.0	40	-	WL
21	500	42 SER	2349.0	2354.0	5.0	15	-	WL
21	200	42 SER	2350.0	2354.0	4.0	30	-	0
22	200	8 S	0042.0	0042.0	1.0	20	-	0
22	500	42 SER	0121.0	0147.0	28.0	55	-	WL
22	200	42 SER	0134.0	0148.0	16.0	390	-	WR
22	2800	8 S	0146.0	0147.0	1.0	30	-	WL
22	500	8 S	0405.0	0405.0	1.0	15	-	0
22	200	8 S	0407.0	0408.0	2.0	20	-	0
22	200	8 S	0620.0	0620.0	1.0	10	-	0
22	2800	3 S	-	.2041.0		170	-	0
22	500	7 C	2039.0	2041.0	7.0	285	-	WL
22	200	47 GB	2039.0	2045.0	8.0	1825	-	WL
22	500	7 C	2155.0	2158.0	5.0	20	-	WL
22	200	8 S	2157.0	2159.0	2.0	75	-	0
23	2800	3 S	0121.0	0123.0	8.0	80	-	0
23	200	8 S	0124.0	0125.0	3.0	460	-	MR
23	500	8 S	0125.0	0125.0	2.0	200	-	0
24	2800	3 S	0019.0	0019.0	3.0	55	-	0
24	500	8 S	0218.0	0218.0	1.0	90	-	0
24	2800	4 S/F	0535.0	0541.0	13.0	90	-	0
24	500	7 C	0535.0	0536.0	10.0	300	-	0
24	200	47 GB	0536.0	0540.0	10.0	1220	-	SR
24	2800	3 S	0656.0	0658.0	10.0	110	-	0
24	2800	3 S	2220.0	2222.0	8.0	120	-	0
24	500	8 S	2220.0	2222.0	7.0	350	-	0
24	200	7 C	2220.0	2225.0	3.0	340	-	MR
24	2800	4 S/F	2242.0	2246.0	7.0	65	-	0
24	500	4 S/F	2244.0	2246.0	3.0	10	-	0
25	200	8 S	0124.0	0124.0	1.0	175	-	MR
25	200	8 S	0533.0	0533.0	1.0	50	-	WR
25	500	8 S	0619.0	0619.0	1.0	20	-	0
26	500	8 S	0043.0	0043.0	1.0	15	-	0
26	200	7 C	0430.0	0434.0	7.0	285	-	WR
27	500	8 S	0655.0	0656.0	1.0	10	-	0
27	200	47 GB	0656.0	0656.0	1.0	1615	-	WR
27	200	8 S	0822.0	0822.0	1.0	25	-	0

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						(10 ⁻²² W m ⁻² Hz ⁻¹)		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
27	200	8 S	0859.0	0859.0	1.0	40	-	WR
27	200	8 S	2001.0	2002.0	2.0	435	-	WR
27	500	8 S	2117.0	2118.0	1.0	15	-	0
27	200	8 S	2315.0	2316.0	1.0	20	-	0
28	500	8 S	0310.0	0310.0	1.0	50	-	0
28	200	8 S	0310.0	0310.0	1.0	10	-	0
29	200	8 S	0029.0	0029.0	1.0	100	-	0
29	200	8 S	0259.0	0259.0	1.0	10	-	0
29	200	8 S	0519.0	0519.0	1.0	15	-	
29	200	8 S	0650.0	0650.0	1.0	5	-	
29	200	8 S	2054.0	2055.0	1.0	5	-	0
29	200	8 S	2101.0	2101.0	1.0	20	-	0
30	500	8 S	2111.0	2111.0	1.0	25	-	0
30	200	8 S	2111.0	2112.0	1.0	95	-	0

