

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

Hiraiso

March 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	41	41	40	46	42
2	43	40	39	44	41
3	41	40	41	40	40
4	39	39	40	43	40
5	42	40	40	45	42
6	42	42	41	-	41
7	45	46	47	54	47
8	49	48	49	53	49
9	48	47	44	48	47
10	43	40	40	45	42
11	42	40	40	44	42
12	43	41	39	45	42
13	42	40	39	46	42
14	41	38	37	47	41
15	40	38	-	-	40
16	-	-	-	-	-
17	-	-	-	-	-
18	-	-	-	-	-
19	41	39	40	45	42
20	41	40	40	-	40
21	-	-	-	46	46
22	43	41	40	45	42
23	43	42	44	49	45
24	43	40	42	50	43
25	51	54	47	46	50
26	49	62	61	62	58
27	56	62	66	61	61
28	60	57	55	62	59
29	64	57	58	59	61
30	56	55	272*	69	61
31	64	55	51	52	56

Note: No data is available during the following periods.

6th 2100 - 6th 2400

15th 0600 - 18th 2400

20th 2100 - 21th 0900

A superscript * stands for being superposed on a burst.

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

March 2001

Single-frequency observations								
Normal observing period: 2040 - 0850 U.T. (sunrise to sunset)								
MAR.	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
3	200	8 S	0107.0	0108.0	1.0	320	-	0
4	200	8 S	0426.0	0426.0	1.0	140	-	0
4	200	8 S	0513.0	0514.0	2.0	100	-	0
4	200	8 S	0705.0	0705.0	1.0	75	-	0
7	2800	7 C	0009.0	0012.0	8.0	25	-	0
7	500	8 S	0012.0	0014.0	5.0	75	-	0
8	200	8 S	0110.0	0111.0	1.0	60	-	0
8	200	8 S	0159.0	0200.0	1.0	25	-	0
9	2800	3 S	0155.0	0156.0	5.0	115	-	0
9	500	4 S/F	0233.0	0242.0	17.0	40	-	0
10	200	8 S	0110.0	0110.0	1.0	70	-	0
10	2800	3 S	0403.0	0404.0	7.0	105	-	0
10	500	4 S/F	0403.0	0404.0	7.0	115	-	0
10	200	47 GB	0403.0	0404.0	7.0	5050	-	0
10	500	8 S	0740.0	0741.0	1.0	45	-	0
10	200	8 S	0740.0	0741.0	1.0	215	-	0
12	200	8 S	2118.0	2118.0	1.0	15	-	0
12	200	8 S	2216.0	2216.0	2.0	20	-	0
13	200	8 S	0014.0	0014.0	3.0	35	-	0
13	200	8 S	0103.0	0103.0	1.0	15	-	0
13	200	8 S	2222.0	2222.0	1.0	25	-	WR
13	200	8 S	2337.0	2339.0	2.0	40	-	WR
13	500	8 S	2338.0	2339.0	1.0	25	-	0
14	200	8 S	0055.0	0055.0	1.0	25	-	0
14	200	8 S	0336.0	0337.0	2.0	30	-	MR
14	200	8 S	0649.0	0650.0	2.0	25	-	WR
14	200	8 S	2304.0	2304.0	1.0	15	-	0
15	200	8 S	0003.0	0003.0	1.0	15	-	0
15	200	7 C	0011.0	0011.0	8.0	185	-	WR
15	500	8 S	0253.0	0253.0	1.0	10	-	0
15	200	8 S	0253.0	0253.0	1.0	25	-	WR
17	200	8 S	0610.0	0610.0	1.0	25	-	WR
18	200	8 S	0522.0	0523.0	1.0	25	-	0
18	200	8 S	2201.0	2202.0	1.0	30	-	0
18	200	8 S	2326.0	2326.0	1.0	50	-	WL
18	200	7 C	2341.0	2342.0	1.0	230	-	WL
19	200	8 S	0039.0	0039.0	1.0	15	-	ML
19	500	8 S	0050.0	0052.0	3.0	20	-	WL
19	200	7 C	0050.0	0050.0	3.0	215	-	WL
19	200	8 S	0056.0	0056.0	1.0	15	-	0
19	500	8 S	0116.0	0117.0	1.0	70	-	ML
19	200	8 S	0117.0	0117.0	1.0	10	-	0
19	200	8 S	0149.0	0149.0	1.0	15	-	0
19	200	7 C	0153.0	0155.0	2.0	40	-	ML
19	500	8 S	0154.0	0155.0	1.0	10	-	WL
19	200	7 C	0227.0	0227.0	1.0	60	-	ML
19	200	42 SER	0237.0	0238.0	12.0	110	-	ML

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MAR.	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
19	200	8 S	0244.0	0244.0	1.0	20	-	WL
19	200	8 S	0425.0	0426.0	1.0	15	-	0
19	2800	3 S	2317.0	2318.0	4.0	55	-	0
19	500	8 S	2318.0	2318.0	1.0	40	-	0
20	500	8 S	0332.0	0332.0	1.0	240	-	0
21	200	8 S	2331.0	2332.0	1.0	15	-	0
22	200	8 S	0001.0	0001.0	1.0	30	-	0
22	200	8 S	0139.0	0139.0	1.0	15	-	0
22	200	8 S	0817.0	0818.0	2.0	70	-	0
22	200	47 GB	0821.0	0823.0	3.0	680	-	WR
23	500	8 S	0038.0	0040.0	3.0	95	-	0
23	500	7 C	0538.0	0543.0	7.0	80	-	0
23	200	8 S	2137.0	2138.0	1.0	40	-	0
24	200	42 SER	0134.0	0150.0	17.0	50	-	0
24	2800	8 S	0135.0	0136.0	3.0	110	-	0
24	200	8 S	0743.0	0743.0	1.0	50	-	0
24	500	47 GB	2047.0	2104.0	64.0	1970	-	SL
25	500	8 S	0014.0	0014.0	1.0	45	-	0
25	2800	3 S	0414.0	0418.0	12.0	140	-	0
27	2800	7 C	0224.0	0233.0	13.0	55	-	0
27	200	47 GB	0224.0	0225.0	3.0	1130	-	WR
27	500	7 C	0225.0	0230.0	15.0	25	-	0
27	500	7 C	0544.0	0548.0	7.0	75	-	ML
27	500	42 SER	2108.0	2114.0	18.0	70	-	WL
27	200	42 SER	2109.0	2111.0	9.0	370	-	0
27	200	47 GB	2301.0	2301.0	1.0	785	-	SR
28	500	3 S	0026.0	0028.0	3.0	85	-	MR
28	500	8 S	0049.0	0049.0	1.0	45	-	WL
28	200	47 GB	0049.0	0049.0	1.0	990	-	SR
28	500	3 S	0156.0	0200.0	7.0	110	-	WR
28	200	7 C	0156.0	0159.0	3.0	250	-	WR
28	200	47 GB	2227.0	2236.0	13.0	635	-	SL
28	500	42 SER	2228.0	2233.0	14.0	90	-	ML
29	500	8 S	0613.0	0613.0	1.0	30	-	WL
29	200	8 S	0650.0	0651.0	1.0	50	-	0
29	500	8 S	0652.0	0652.0	1.0	85	-	WL
30	200	20 GRF	0410.0	0556.0	255.0	460	-	ML
30	500	20 GRF	0420.0	0556.0	254.0	460	-	ML
30	500	8 S	0420.0	0422.0	3.0	320	-	WL
30	2800	3 S	0422.0	0428.0	18.0	80	-	0
30	200	8 S	0422.0	0424.0	4.0	220	-	0
30	500	4 S/F	0429.0	0436.0	7.0	490	-	ML
30	500	4 S/F	0442.0	0444.0	5.0	275	-	ML
30	2800	3 S	0513.0	0515.0	7.0	80	-	0
31	500	8 S	0345.0	0346.0	1.0	30	-	WL
31	200	8 S	0345.0	0345.0	1.0	170	-	0
31	200	8 S	0527.0	0527.0	1.0	165	-	SR

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						(10 ⁻²² W m ⁻² Hz ⁻¹)		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
31	200	8 S	0846.0	0846.0	1.0	445	-	0
31	200	8 S	2049.0	2049.0	1.0	105	-	MR

