

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

Hiraiso

June 2002

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	44	44	44	44	44
2	43	43	42	46	43
3	45	43	43	44	44
4	42	42	43	43	42
5	43	42	42	44	43
6	43	42	42	42	42
7	41	40	39	42	40
8	40	39	39	43	40
9	41	40	39	45	41
10	44	44	50	38	44
11	42	44	47	41	43
12	43	43	42	41	42
13	39	39	38	40	39
14	39	39	41	38	39
15	39	39	38	38	38
16	37	37	37	36	37
17	37	36	36	36	36
18	35	35	36	39	36
19	38	35	36	39	37
20	37	37	39	38	38
21	37	37	38	38	37
22	39	39	40	41	40
23	41	40	41	42	41
24	41	40	40	39	40
25	39	39	39	40	39
26	39	40	40	42	40
27	41	42	43	44	42
28	42	41	39	41	41
29	40	39	39	40	40
30	42	43	42	37	41
31					

B. Solar Radio Emission  
B2.Outstanding Occurrences at Hiraiso

Hiraiso

June 2002

Single-frequency observations								
Normal observing period: 1915 - 1000 U.T. (sunrise to sunset)								
JUN. 2002	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
1	2800	3 S	0352.0	0354.0	7.0	240	-	0
1	500	4 S/F	0352.0	0353.0	12.0	60	-	0
1	200	47 GB	0357.0	0357.0	2.0	755	-	0
1	200	8 S	2327.0	2327.0	1.0	70	-	0
1	2800	3 S	2347.0	2347.0	6.0	245	-	0
1	500	4 S/F	2347.0	2347.0	1.0	190	-	0
1	200	47 GB	2347.0	2347.0	6.0	970	-	0
2	2800	1 S	0433.0	0436.0	5.0	40	-	0
2	500	7 C	0435.0	0444.0	10.0	15	-	0
2	200	8 S	0602.0	0602.0	1.0	15	-	0
2	2800	4 S/F	2034.0	2042.0	19.0	405	-	0
2	500	4 S/F	2036.0	2041.0	11.0	190	-	0
2	200	8 S	2101.0	2101.0	1.0	955	-	WR
3	200	8 S	0439.0	0439.0	1.0	25	-	0
3	200	8 S	0638.0	0638.0	1.0	35	-	0
3	200	8 S	0657.0	0657.0	1.0	35	-	0
3	200	7 C	0724.0	0726.0	5.0	30	-	0
3	500	8 S	0657.0	0657.0	1.0	20	-	0
3	500	4 S/F	0724.0	0728.0	6.0	20	-	0
3	500	4 S/F	0850.0	0853.0	5.0	110	-	0
5	500	7 C	0122.0	0122.0	4.0	50	-	WL
5	500	8 S	0212.0	0213.0	2.0	55	-	0
5	500	8 S	0441.0	0441.0	1.0	20	-	0
5	500	8 S	0545.0	0545.0	1.0	10	-	0
6	200	7 C	0043.0	0044.0	3.0	35	-	WR
7	500	8 S	0223.0	0223.0	1.0	25	-	0
7	2800	8 S	0402.0	0402.0	1.0	35	-	0
7	2800	4 S/F	0412.0	0414.0	3.0	40	-	0
7	500	8 S	0413.0	0414.0	1.0	35	-	0
7	200	8 S	0413.0	0413.0	2.0	135	-	0
9	500	8 S	0413.0	0414.0	1.0	120	-	0
9	500	7 C	0428.0	0429.0	3.0	30	-	0
9	500	8 S	2244.0	2244.0	1.0	20	-	0
10	500	8 S	0203.0	0203.0	1.0	40	-	0
10	500	8 S	0239.0	0239.0	1.0	10	-	0
10	500	4 S/F	0516.0	0521.0	6.0	45	-	0
10	500	8 S	0525.0	0526.0	1.0	290	-	0
10	500	8 S	0534.0	0534.0	1.0	15	-	0
10	500	8 S	0634.0	0634.0	1.0	230	-	0
10	500	8 S	0711.0	0712.0	1.0	35	-	0
11	500	8 S	0632.0	0632.0	1.0	40	-	0
12	2800	8 S	2115.0	2117.0	4.0	55	-	0
12	500	8 S	2116.0	2117.0	2.0	20	-	0
13	500	8 S	0412.0	0412.0	1.0	10	-	0
13	200	7 C	2020.0	2022.0	6.0	35	-	0
13	200	8 S	2117.0	2117.0	1.0	15	-	0
16	500	8 S	2106.0	2107.0	1.0	20	-	0

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Single-frequency observations								
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JUN. 2002	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	
16	200	8 S	2235.0	2235.0	1.0	30	-	0
18	200	4 S/F	2052.0	2052.0	3.0	55	-	WL
19	200	8 S	0834.0	0834.0	1.0	235	-	WL
19	200	42 SER	2047.0	2054.0	11.0	10	-	WL
20	200	8 S	2331.0	2331.0	1.0	10	-	0
20	500	1 S	2333.0	2335.0	5.0	10	-	0
22	500	8 S	0336.0	0336.0	1.0	30	-	0
23	200	8 S	0445.0	0447.0	2.0	20	-	0
23	2800	8 S	0822.0	0822.0	1.0	30	-	
23	500	8 S	0822.0	0822.0	3.0	90	-	
24	200	8 S	0505.0	0506.0	1.0	115	-	0
24	200	8 S	2348.0	2350.0	3.0	10	-	0
25	200	8 S	0346.0	0346.0	1.0	10	-	0
25	200	8 S	0407.0	0407.0	1.0	50	-	0
25	200	8 S	0429.0	0429.0	1.0	15	-	0
25	200	8 S	0610.0	0610.0	1.0	200	-	0
25	200	8 S	2053.0	2053.0	1.0	15	-	0
25	200	8 S	2121.0	2121.0	1.0	20	-	0
25	200	8 S	2224.0	2224.0	1.0	15	-	0
25	200	8 S	2240.0	2241.0	1.0	10	-	0
25	200	8 S	2314.0	2314.0	4.0	40	-	0
26	200	8 S	0508.0	0508.0	1.0	20	-	0
26	200	8 S	0616.0	0618.0	2.0	35	-	0
26	200	8 S	0757.0	0757.0	1.0	25	-	0
26	200	8 S	2004.0	2006.0	4.0	270	-	0
26	200	8 S	2046.0	2046.0	1.0	20	-	0
26	200	42 SER	2258.0	2301.0	9.0	275	-	0
27	200	8 S	0007.0	0007.0	1.0	225	-	0
27	200	8 S	0011.0	0011.0	1.0	295	-	WR
27	200	8 S	0016.0	0016.0	1.0	35	-	WR
27	200	8 S	0333.0	0333.0	1.0	10	-	0
27	500	8 S	0337.0	0339.0	3.0	10	-	0
27	200	8 S	0748.0	0748.0	1.0	100	-	0
27	200	8 S	2202.0	2203.0	1.0	15	-	0
28	200	8 S	0044.0	0045.0	1.0	150	-	0
28	500	8 S	0045.0	0045.0	1.0	30	-	0
28	200	8 S	0103.0	0103.0	1.0	25	-	0
28	2800	4 S/F	0214.0	0220.0	7.0	25	-	0
28	200	8 S	0444.0	0445.0	2.0	65	-	0
28	2800	1 S	0625.0	0627.0	5.0	35	-	0
28	200	8 S	0710.0	0710.0	1.0	15	-	0
29	500	8 S	0030.0	0030.0	1.0	50	-	0
29	500	42 SER	0413.0	0413.0	3.0	20	-	0
30	200	8 S	0330.0	0330.0	1.0	60	-	0
30	200	8 S	2213.0	2213.0	1.0	10	-	0

