SOLAR RADIO NOISE STORM AT 164 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2002

	HELIOGRAPHICS POSITIONS MEAN VALUES[1]		IMP[2]	OBSERVING TIME[3]	
DAY	E-W	S-N		START(UT)	END(UT)
01/12/02*	-0.22	-0.40	I	8H09 E	15H10 D
03/12/02	-1.44	+0.88	II	12H27 E	15H10 D
04/12/02*	-1.24	+0.87	II	8H10 E	15H11 D
04/12/02*	-0.90	+0.98	II	11H50	15H11 D
05/12/02*	-0.60	+0.56	III	8H11 E	15H12 D
06/12/02*	+0.78	+0.53	I	8H11 E	15H12 D
07/12/02*	+1.12	+0.51	I	8H11 E	13H20
12/12/02*	-1.61	-0.65	III	11H30	14H05
12/12/02*	-1.10	-0.45	III	8H13 E	15H14 D
13/12/02*	-1.57	+0.26	I	11H59	15H05 D
15/12/02*	-1.41	+0.25	I	8H15 E	15H16 D
16/12/02*	-0.23	+0.50	I	8H15 E	11H45
16/12/02*	-0.68	+0.62	II	12H01	15H16 D
16/12/02*	-1.02	+0.28	III	11H30	15H16 D
17/12/02*	-0.87	+0.40	I	8H16 E	15H17 D
17/12/02*	+0.05	-0.73	II	13H33	15H17 D
18/12/02*	+0.43	-0.29	III	8H16 E	15H17 D
19/12/02*	+0.39	+0.51	II	8H17 E	13H40 D
19/12/02*	+0.64	-0.43	II	11H10	13H40D
20/12/02*	+0.93	-0.39	IV	10H04 E	13H26 D
21/12/02*	-0.23	-0.11	I	8H18 E	11H29
21/12/02*	+1.07	-0.43	III	10H45	15H19 D
22/12/02*	+0.00	+0.19	II	8H18 E	15H19 D

[1] POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT
[2] IMP1: FLUX< 5 SFU IMP2: 5< FLUX < 20 SFU IMP3: 20< FLUX <100 SFU
IMP4: 100< FLUX <300 SFU IMP5> 300 SFU
[3] E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS
D NOISE STORM IN PROGRESS AT THE END OF THE NANCAY OBSERVATIONS

NOISE STORM AT 327 MHZ
FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2002

	HELIOGRAPHICS POSITIONS MEAN VALUES[1]		IMP[2]	OBSERVING TIME[3]	
DAY					
01/12/02*	-0.34	-0.37	I	8H09 E	15H10 D
02/12/02*	-0.11	-0.39	I	8H09 E	15H10 D
04/12/02*	0.98	+0.68	I	8H10 E	15H11 D
05/12/02*	-0.59	+0.22	I	8H10 E	15H11 D
06/12/02*	-0.34	+0.36	I	8H11 E	10H50
06/12/02*	+0.73	+0.28	I	8H11 E	15H12 D
07/12/02*	+0.95	+0.40	I	8H11 E	15H12 D
08/12/02	+1.05	+0.29	I	8H12 E	15H13 D
12/12/02*	-1.18	-0.19	I	8H13 E	11H32
12/12/02*	-1.15	-0.59	I	11H32	15H14 D
14/12/02	-1.02	-0.45	I	8H14 E	15H15 D
15/12/02*	-1.05	+0.45	I	8H15 E	15H16 D
15/12/02*	-0.91	+0.31	I	8H15 E	15H16 D
15/12/02*	-0.43	+0.62	I	8H15 E	15H16 D
15/12/02*	-0.79	-0.40	I	8H15 E	15H16 D
15/12/02*	-0.50	-0.56	I	8H15 E	15H16 D
16/12/02*	-0.90	+0.47	I	11H20	15H16 D
16/12/02*	-0.51	+0.47	I	11H20	15H16 D
16/12/02*	-0.16	-0.42	I	8H15 E	15H16 D
17/12/02*	-0.71	+0.47	I	8H16 E	15H17 D
17/12/02*	+0.16	-0.53	III	13H40	15H17 D
18/12/02*	+0.34	-0.42	III	8H16 E	15H17 D
19/12/02*	+0.45	+0.87	II	8H17 E	13H40 D
19/12/02*	+0.62	-0.16	III	11H05	13H40 D
20/12/02*	-0.36	-0.23	II	10H04 E	13H26 D
20/12/02*	+0.82	-0.37	III	10H04 E	13H26 D
21/12/02*	-0.16	-0.14	III	8H18 E	15H19 D
22/12/02*	+0.14	-0.05	I	8H18 E	15H19 D
23/12/02	+0.47	+0.08	I	10H38	15H20 D
23/12/02	+1.05	-0.50	I	8H19 E	15H20 D
24/12/02	+1.13	-0.65	I	8H19 E	15H20 D

: NO DATA

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionopheric gravity waves are observed during the whole day. Without a mode detailed analysis leading to increase uncertainties in the deviation , the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available