

VLA OBSERVING LOG

2008-12-31_0929_AM962

Contact Observer's E-mail: kcavagno@sciborg.uwaterloo.ca

Configuration: A

Decommissioned: 15

VLBI Ref. Ant:

VLBI Antenna Pad:

API (Atmospheric Phase Interferometer) information can be found at:

<http://www.vla.nrao.edu/astro/guides/api/>

Adobe PDF version of this log is located at:

<http://www.vla.nrao.edu/operators/logs/>

Visibility data is updated each day at IAT/UT midnight and available from the online archive at:

<http://archive.nrao.edu>

Program:	AM962	Date:	31-Dec-08
Observer(s):	Cavagnolo	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 4
Subarray(s):	1	Bands Used:	P
Source File(s):	553AM962		
Operator(s):	Jim Campbell		

Time (IAT)	Dew Point (C)	Temp. (C)	Wind Speed & Direction	Bar. Pressure (mbars)	API sat. rms ϕ	Remarks
31Dec 9:29:48	-7.8	-1.6	NE at 2.0 m/s	794.0	1.0	Sky clear.
31Dec 12:59:22	-10.9	-6.5	NE at 0.3 m/s	793.5	0.6	Sky clear.
31Dec 14:59:09	-10.8	-5.5	NE at 0.9 m/s	794.1	1.1	Sky clear.
31Dec 15:29:20	-8.1	-3.1	NE at 1.2 m/s	794.1	1.0	Sky clear.

Total # of antennas used = 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Downtime (in minutes)
31Dec 9:29:48		Starting program AM962.			
31Dec 9:29:48		The band(s) used is(are): P			
31Dec 9:31:00		On source 1331+305 with all available antennas.			
31Dec 9:29:48		Antenna(s) : 9			
		do not have good baseline positions determined for them because they were			
		moved to their present location recently. Please check for any significant			
		errors and let the Data Analysts (email - analysts@nrao.edu) know what you			
		find. Thank you.			
31Dec 9:29:48		Your data were taken with the new EVLA computer system controlling the			
		Array. The data flagger is still incomplete for some EVLA failure modes,			
		so observers should carefully review their calibrator observations for			
		these flagger failures.			
31Dec 9:29:48		We are currently including all checked-out (operational) EVLA antennas in			

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		the VLA by default. For your project, we have included the following EVLA			
		antennas in the array: 1 2 3 4 5 11 13 14 16 17 18 19 21 23 24 25 26 28			
31Dec 9:29:48		Please note that using the EVLA antennas is a shared-risk operation			
		and we cannot guarantee that useful data will be produced by these			
		antennas. Users should consult the web page			
		http://www.vla.nrao.edu/astro/guides/evlareturn			
		for known problems and workarounds in using the EVLA antennas with			
		the VLA. We would like your input and feedback on the use of the			
		EVLA antennas in your project; please send all comments and/or			
		questions to gvanmoor@aoc.nrao.edu.			
31Dec 9:29:48	31Dec 15:29:20	Antenna 9 (Data: Lost): EVLA	T100559	1.00	359.5
		Antenna is undergoing EVLA testing			
31Dec 9:29:48	31Dec 15:29:20	Antenna(s) 1 3 4 5 16 21 24 28 (Data: Lost): FRONT END	Other	8.00	2876.3
		Antennas have no, or incomplete, P band receivers installed.			
31Dec 9:29:48	31Dec 15:29:20	Antenna(s) 26 (Data: Lost): LO/IF	C124065	0.25	89.9
		Total power on IF A low			
31Dec 9:29:48	31Dec 15:29:20	Antenna(s) 13 (Data: Lost): LO/IF	C123957	0.75	269.7
		Total power on IF B, C, and D low			
31Dec 14:51:00		Your new operator(s) is(are): Matt Gardiner			
31Dec 15:19:30	31Dec 15:28:00	Antenna(s) 23 (Data: Lost): HVAC	Other	1.00	8.5
		HVAC techs working on antenna.			
Program End Time		Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime	
31Dec 15:29:20	End of program AM962	9707.4	37.1%	3603.8	