VLA OBSERVING LOG

2008-12-22_1105_AM962

Contact Observer's E-mail: kcavagno@sciborg.uwaterloo.ca
Configuration: A
Decommissioned: 15
VLBI Ref. Ant:
VLBI Antenna Pad:

Program:	**AM962**	Date:	22-Dec-08
Observer(s):	Cavagnolo	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 4
Subarray(s):	1	Bands Used:	P
Source File(s):	544AM962		
Operator(s):	Jim Campbell		

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

Time (IAT)	Dew Point (C)	Temp. (C)	Wind Speed & Direction	Bar. Pressure (mbars)	API sat. rms ϕ	Remarks
22Dec 11:05:11	-9.4	-2.0	E at 0.6 m/s	784.5	N/A	Sky cover 30%. Stratiform clouds.
22Dec 14:49:06	-10.2	-1.2	E at 2.0 m/s	783.6	N/A	Sky cover 70%. Stratiform clouds.
22Dec 16:49:28	-10.0	7.9	SW at 3.0 m/s	782.8	N/A	Sky overcast.

Total # of antennas used = 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Downtime
22Dec 11:05:11		Starting program AM962.			(in minutes)
22Dec 11:05:11		The band(s) used is(are): P			
22Dec 11:10:00		On source 1331+305 with all available antennas.			
22Dec 11:05:11		Antenna(s) : 28			
		have recently updated baseline parameters to correct for errors resulting from			
		their recent relocation.			
		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.			
22Dec 11:05:11		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.			
22Dec 11:05:11		We are currently including all checked-out (operational) EVLA antennas in			
		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			
22Dec 11:05:11		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.			
22Dec 11:05:11	22Dec 17:05:00	Antenna 9 (Data: Lost): EVLA	T100559	1.00	359.8
		Antenna is undergoing EVLA testing			
22Dec 11:05:11	22Dec 17:05:00	Antenna(s) 1 3 4 5 21 24 (Data: Lost): FRONT END	Other	6.00	2158.9
		P band receiver unplugged at the antenna.			
22Dec 11:05:11	22Dec 17:05:00	Antenna(s) 16 (Data: Lost): EVLA	Other	1.00	359.8
		No upconverter present for low band.			
22Dec 11:05:11	22Dec 17:05:00	Antenna(s) 13 (Data: Lost): EVLA	C123957	0.75	269.9
		Backend total power out of range. IF's B C D affected.			
22Dec 11:05:11	22Dec 17:05:00	Antenna(s) 26 (Data: Lost): EVLA	C124030	0.75	269.9
		Backend total power out of range. IF's B C D affected.			
22Dec 11:05:11	22Dec 17:05:00	Antenna(s) 28 (Data: Lost): EVLA	C124042	1.00	359.8
		Backend total power out of range. All IF's affected.			
22Dec 13:36:00	22Dec 13:39:00	Antenna(s) All (Data: Lost): OBS PROGRAM	C124061	16.00	48.0
		Obs file aborted for no apparent reason. Restarted			
		file where it dropped out.			
22Dec 14:52:00		Your new operator(s) is(are): Larry Brothers			

Program End Time		Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
22Dec 17:05:00	**End of program AM962**	**9715.0**	**39.4%**	**3826.1**