

VLA OBSERVING LOG

2017-07-18_0046_17A-240

Observing Date: 18-Jul-2017
Configuration: C
Decommissioned: N/A

Project:	17A-240	# Subarrays:	1	Observation Type:	Science
Observer(PI):	Dr John M. Cannon			Band(s) Used:	L
SBID(s):	33871157				
Source File(s):	17A-240_sb33871157_1_1				
Observer E-mail:	jcannon@macalester.edu				
Operator(s):	Blythe Guvenen				

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 is available from the online archive at: <https://archive.nrao.edu>

Time (UTC)	Dew Point (C)	Temp. (C)	Wind Speed & Direction (avg)	Bar. Pressure (mbars)	API RMS Phase (degs)	Remarks
18Jul 0:55:13	9.6	22.4	N at 5.8 m/s	790.2	10.1	Sky cover 80%. Cumuliform clouds.
18Jul 1:31:50	11.1	21.6	N at 7.0 m/s	790.0	9.5	Sky cover 90%. Cumuliform clouds.
18Jul 1:51:47	11.2	20.8	E at 8.5 m/s	790.4	7.9	Sky cover 90%. Cumuliform clouds. Light rain.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
18Jul 0:46:49		Starting project 17A-240.			
18Jul 0:46:49		The band(s) used is(are): L.			
18Jul 0:55:02		On source J1206+6413 with all available antennas.			
18Jul 0:46:49		Antenna(s):11			
		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 submit them to the NRAO Helpdesk (https://science.nrao.edu/observing/helpdesk) under the VLA Observing department.			
18Jul 0:46:49		To access your data from the NRAO archive visit: https://science.nrao.edu/facilities/vla/archive .			
		All VLA science data are processed through the VLA calibration pipeline. Details are at: https://science.nrao.edu/facilities/vla/data-processing/pipeline .			
		For further questions please use the NRAO helpdesk at: https://science.nrao.edu/observing/helpdesk .			

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18Jul 0:46:49		Note: To support our ongoing RFI monitoring efforts, any feedback from your program on RFI can be sent to: nrao-rfi@nrao.edu.				
		The key information to provide is:				
		- Observation/project code				
		- Frequency and Time of the observations				
		- The characteristics of the RFI signal, in particular if it is continuous or intermittent?				
		- If possible, a spectrum of the RFI should be included in the e-mail.				
		Thanks very much for your support; this information will be continuously updated on the EVLA science pages at:				
		https://science.nrao.edu/facilities/vla/docs/manuals/obsguide/modes/rfi/				
18Jul 0:46:49	18Jul 2:16:35	Antenna(s) 9 (Data: Corrupted):	CRYOGENICS	C140213	1.00	89.8
		L-band receiver temperature elevated and cooling following power restoration. Sensitivity degraded. 15K stage temp at start of script \approx 150 K, at end \approx 90 K.				
18Jul 2:03:07	18Jul 2:12:04	Antenna(s) 1, 2, 8, 14, 17, 21 (Data: Lost):	SERVO	Power	6.00	53.7
		All antennas with new ACUs dropped out of digital position mode after power glitch.				
Project End Time		Total Project Time (minutes x 27 ants.)		Down Time % of Total Time	Total Down Time	
18Jul 2:16:35	End of project 17A-240	2423.7		5.9%	143.5	