

VLA OBSERVING LOG

2017-08-13_0207_17A-240

Observing Date: 13-Aug-2017
Configuration: C
Decommissioned: 15

Project:	17A-240	# Subarrays:	1	Observation Type:	Science
Observer(PI):	Dr John M. Cannon			Band(s) Used:	L
SBID(s):	33798560				
Source File(s):	17A-240_sb33798560_1_1				
Observer E-mail:	jcannon@macalester.edu				
Operator(s):	Kristin Renda				

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
13Aug 2:08:55	14.7	20.4	S at 6.1 m/s	789.9	18.5	Sky cover 80%. Cumuliform clouds.
13Aug 2:46:40	12.6	19.4	NE at 8.2 m/s	791.0	52.8	Sky overcast. Light rain. Thunderstorms.
13Aug 2:51:36	11.9	17.8	NE at 4.3 m/s	791.0	54.5	Sky overcast. Heavy rain. Thunderstorms.
13Aug 3:07:39	10.3	16.2	E at 5.4 m/s	790.7	58.1	Sky overcast. Lightning.
13Aug 3:29:00	10.6	16.4	SE at 3.7 m/s	791.0	14.1	Sky overcast.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
13Aug 2:07:18		Starting project 17A-240.			
13Aug 2:07:18		The band(s) used is(are): L.			
13Aug 2:08:47		On source 3C286 with all available antennas.			
13Aug 2:07:18		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 .			
13Aug 2:07:18		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			

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		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/			
13Aug 2:07:18	13Aug 3:37:04	Antenna(s) 24 (Data: Corrupted):	LO-IF	C140335	0.50
		One of IF D's modules lost optical power, causing clocks to be reset for IF D only.			
		Fringes for IF D are zeroed for most scans.			
Project End Time			Total Project Time (minutes x 27 ants.)	Down Time % of Total Time	Total Down Time
13Aug 3:37:04	End of project 17A-240		2423.7	1.9%	44.9