

VLA OBSERVING LOG

2017-08-12_2009_17A-240

Observing Date: 12-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):	33793618				
Source File(s):	17A-240_sb33793618_1_1				
Observer E-mail:	jcannon@macalester.edu				
Operator(s):	Jesse Hanowell				

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
12Aug 20:15:34	10.5	24.4	N at 3.7 m/s	791.4	53.2	Sky cover 50%. Mixed clouds.
12Aug 21:00:09	10.0	24.5	N at 4.0 m/s	790.9	77.9	Sky cover 50%. Mixed clouds.
12Aug 21:45:40	10.0	25.2	W at 2.6 m/s	790.5	20.0	Sky cover 50%. Mixed clouds.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
12Aug 20:09:57		Starting project 17A-240.			
12Aug 20:09:57		The band(s) used is(are): L.			
12Aug 20:11:17		On source 3c286 with all available antennas.			
12Aug 20:09:57		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 .			
12Aug 20:09:57		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			

VLA OBSERVING LOG

2017-08-12_2009_17A-240

		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/			
12Aug 20:09:57	12Aug 21:39:42	Antenna(s) 24 (Data: Corrupted):	FRONT END	Other	0.25
		IF D faulty on ea24 8Bit / .25 lost functionality			22.4
12Aug 14:31:00	12Aug 14:33:00	Antenna(s) 3 (Data: Lost):	ELECTRICAL	Power	1.00
		power glitch, lost DPM			2.0
12Aug 14:31:00	12Aug 14:33:00	Antenna(s) 11 (Data: Lost):	ELECTRICAL	Power	1.00
		power glitch, lost DPM			2.0
12Aug 14:31:00	12Aug 14:50:00	Antenna(s) 18 (Data: Lost):	ELECTRICAL	Power	1.00
		power glitch, lost DPM			19.0
Project End Time			Total Project Time (minutes x 27 ants.)	Down Time % of Total Time	Total Down Time
12Aug 21:39:42	End of project 17A-240		2423.2	1.9%	45.4