VLA OBSERVING LOG

2017-07-20_0101_17A-240

Observing Date: 20-Jul-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):	33854410				
Source File(s):	17A-240_sb33854410_1_1				
Observer E-mail:	jcannon@macalester.edu				
Operator(s):	Matt Gardiner				

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
20Jul 1:02:16	2.5	27.0	SE at 5.9 m/s	791.8	13.4	Sky cover 10%. Cumuliform clouds.
20Jul 2:31:05	9.1	20.2	SE at 13.1 m/s	792.3	14.4	Sky cover 30%. Cumuliform clouds.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
20Jul 1:01:25		Starting project 17A-240.			
20Jul 1:01:25		The band(s) used is(are): L.			
20Jul 1:04:02		On source J1219+4829 with all available antennas.			
20Jul 1:01:25		Antenna(s):11			
		have recently updated baseline parameters to correct for errors resulting from			
		their recent relocation. Please check for any significant errors and submit			
		them to the NRAO Helpdesk (https://science.nrao.edu/observing/helpdesk)			
		under the VLA Observing department.			
20Jul 1:01:25		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.			
20Jul 1:01:25		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/			
20Jul 1:01:25	20Jul 2:31:13	Antenna(s) 26 (Data: Lost): FIBER OPTICS	C140225	0.25	22.4
		ea26 IF B data lost due to fiber/DTS problem.			
20Jul 1:41:29	20Jul 2:18:39	Antenna(s) 14 (Data: Lost): WEATHER	Weather	1.00	37.2
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:42:23	20Jul 1:59:20	Antenna(s) 1 (Data: Lost): WEATHER	Weather	1.00	17.0
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:43:27	20Jul 2:10:56	Antenna(s) 28 (Data: Lost): WEATHER	Weather	1.00	27.5
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:43:31	20Jul 1:56:22	Antenna(s) 2 (Data: Lost): WEATHER	Weather	1.00	12.9
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:43:34	20Jul 1:58:09	Antenna(s) 22 (Data: Lost): WEATHER	Weather	1.00	14.6
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:45:19	20Jul 1:50:11	Antenna(s) 9 (Data: Lost): WEATHER	Weather	1.00	4.9
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:49:53	20Jul 1:56:25	Antenna(s) 11 (Data: Lost): WEATHER	Weather	1.00	6.5
		Antenna(s) auto-stowed due to high winds.			
20Jul 1:50:06	20Jul 1:56:25	Antenna(s) 26 (Data: Lost): WEATHER	Weather	0.75	4.7
		Antenna(s) auto-stowed due to high winds.			

Project End Time		**Total Project Time (minutes x 27 ants.)**	**Down Time % of Total Time**	**Total Down Time**
20Jul 2:31:13	**End of project 17A-240**	**2424.6**	**6.1%**	**147.6**