VLA OBSERVING LOG   2017-07-17_2315_17A-240

Observing Date:	17-Jul-2017	**Project:**	17A-240	**# Subarrays:** 1	**Observation Type:** Science
Configuration:	C	**Observer(PI):**	Dr John M. Cannon		**Band(s) Used:** L
Decommissioned:	N/A	**SBID(s):**	33846637		
		Source File(s):	17A-240_sb33846637_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
17Jul 23:18:54	7.5	27.1	NE at 2.6 m/s	789.6	8.8	Sky cover 60%. Cumuliform clouds.
17Jul 23:53:49	8.1	25.5	S at 7.3 m/s	789.1	12.1	Sky cover 50%. Cumuliform clouds.
18Jul 0:27:15	8.3	24.4	S at 9.6 m/s	789.2	6.3	Sky cover 60%. Cumuliform clouds.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
17Jul 23:15:58		Starting project 17A-240.			
17Jul 23:15:58		The band(s) used is(are): L.			
17Jul 23:18:46		On source 3C286 with all available antennas.			
17Jul 23:15:58		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.			
17Jul 23:15:58		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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17Jul 23:15:58		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/				
17Jul 23:15:58	18Jul 0:46:49	Antenna(s) 9 (Data: Corrupted):	CRYOGENICS	C140213	1.00	90.8
		L-band receiver near ambient temperature and cooling following power restoration.				
		Sensitivity degraded. 15K stage temp at start of script ≈ 265 K, at end ≈ 175 K.				

Project End Time			Total Project Time (minutes x 27 ants.)	Down Time % of Total Time	Total Down Time
18Jul 0:46:49	**End of project 17A-240**		**2452.9**	**3.7%**	**90.8**