# **VLA OBSERVING LOG**

# 2017-07-15\_2259\_17A-240

<b>Observing Date:</b>	15-Jul-2017	Project:	17A-240	# Subarrays:	1	Observation Type:	Science
Configuration:	С	Observer(PI):	Dr John M. Cannon			Band(s) Used:	L
Decommissioned:	N/A	SBID(s):	33802018				
		Source File(s):	17A-240_sb33802018_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
15Jul 23:04:59	7.5	26.2	SE at 6.6 m/s	791.9	23.6	Sky cover 30%. Cumuliform clouds.
16Jul 0:28:15	7.8	26.0	SE at 5.9 m/s	791.5	15.2	Sky cover 70%. Cumuliform clouds.

#### Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
15Jul 22:59:54		Starting project 17A-240.			
15Jul 22:59:54		The band(s) used is(are): L.			
15Jul 23:04:51		On source 3C286 with all available antennas.			
15Jul 22:59:54		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.			
15Jul 22:59:54		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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16Jul 1:02:58	End of project 17	/A-240	3322.8	3.7%	)	123.1
Project End Time		Tota	l Project Time (minutes x 27 ants.)	Down Time % of Total Time		Total Down Time
	<u> </u>					
		ea13 is parked and excluded from the script due to FRM and	d HVAC issues.			
15Jul 22:59:54	16Jul 1:02:58	Antenna(s) 13 (Data: Lost):	FOCUS/ROTATION	C140207	1.00	123.1
		https://science.nrao.edu/facilities/vla/docs/manuals/obsguid	le/modes/rfi/			
		Thanks very much for your support; this information will be updated on the EVLA science pages at:				
		- If possible, a spectrum of the RFI should be included in the				
		intermittent?				
		- The characteristics of the RFI signal, in particular if it is co				
		- Frequency and Time of the observations				
		- Observation/project code				
		The key information to provide is:				
		Note: To support our ongoing RFI monitoring efforts, any fe program on RFI can be sent to: nrao-rfi@nrao.edu.				