

# VLA OBSERVING LOG

## 2018-01-12\_1936\_17A-240

**Observing Date:** 12-Jan-2018  
**Configuration:** B  
**Decommissioned:** 7

<b>Project:</b>	17A-240	<b># Subarrays:</b>	1	<b>Observation Type:</b>	Science
<b>Observer(PI):</b>	Dr John M. Cannon			<b>Band(s) Used:</b>	L
<b>SBID(s):</b>	34297302				
<b>Source File(s):</b>	17A-240_sb34297302_1_1				
<b>Observer E-mail:</b>	jcannon@macalester.edu				
<b>Operator(s):</b>	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
12Jan 19:40:41	-7.5	10.5	NW at 10.4 m/s	789.9	11.1	Sky clear.
12Jan 20:48:38	-6.8	10.6	NW at 7.7 m/s	789.2	11.3	Sky clear.
12Jan 21:29:31	-7.2	11.1	W at 7.9 m/s	789.1	10.0	Sky clear.

**Number of antennas used: 27**

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
12Jan 19:36:44		Starting project 17A-240.			
12Jan 19:36:44		The band(s) used is(are): L.			
12Jan 19:40:28		On source 3C286 with all available antennas.			
12Jan 19:36:44		To access your data from the NRAO archive visit:			
		<a href="https://science.nrao.edu/facilities/vla/archive">https://science.nrao.edu/facilities/vla/archive</a> .			
		All VLA science data are processed through the VLA calibration pipeline. Details are at: <a href="https://science.nrao.edu/facilities/vla/data-processing/pipeline">https://science.nrao.edu/facilities/vla/data-processing/pipeline</a> .			
		For further questions please use the NRAO helpdesk at:			
		<a href="https://science.nrao.edu/observing/helpdesk">https://science.nrao.edu/observing/helpdesk</a> .			
12Jan 19:36:44		Note: To support our ongoing RFI monitoring efforts, any feedback from your program on RFI can be sent to: <a href="mailto:nrao-rfi@nrao.edu">nrao-rfi@nrao.edu</a> .			
		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

## 2018-01-12\_1936\_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:			
		<a href="https://science.nrao.edu/facilities/vla/docs/manuals/obsguide/modes/rfi/">https://science.nrao.edu/facilities/vla/docs/manuals/obsguide/modes/rfi/</a>			
12Jan 19:36:44	12Jan 19:46:33	Antenna(s) 18 (Data: Lost):	SERVO	Other	1.00 9.8
		Antenna late on source due to different wrap.			
12Jan 19:36:44	12Jan 21:38:20	Antenna(s) 19 (Data: Corrupted):	FOCUS/ROTATION	C141012	1.00 121.6
		Subreflector zero point incorrect, results in weak fringes.			
<b>Project End Time</b>			<b>Total Project Time (minutes x 27 ants.)</b>	<b>Down Time % of Total Time</b>	<b>Total Down Time</b>
<b>12Jan 21:38:20</b>	<b>End of project 17A-240</b>		<b>3283.2</b>	<b>4.0%</b>	<b>131.4</b>