

# VLA OBSERVING LOG

## 2015-05-01\_2157\_14B-044

**Observing Date:** 01-May-2015  
**Configuration:** B  
**Decommissioned:** 17

<b>Project:</b>	<b>14B-044</b>	<b>SBID:</b>	<b>30206799</b>	<b>Observing Mode:</b>	
<b>Observation Type:</b>	Science	<b>Bands Used:</b>	L		
<b>Source File(s):</b>	14B-044_sb30206799_2	<b># Subarrays:</b>	1		
<b>Observer(s):</b>	Dr. John M. Cannon				
<b>Observer E-mail:</b>	jcannon@macalester.edu, spardy@astro.wisc.edu, matthew@astro.su.se, ostlin@astro.su.se				
<b>Operator(s):</b>	David Midgett				

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
01May 22:01:48	-5.0	20.7	NE at 8.3 m/s	787.4	11.1	Sky cover 90%. Cumuliform clouds.
01May 22:41:48	-2.3	19.0	NE at 7.6 m/s	788.5	5.8	Sky cover 90%. Cumuliform clouds. Light rain.
02May 0:45:02	-0.5	17.5	SW at 6.9 m/s	788.3	8.6	Sky cover 90%. Cumuliform clouds.

**Number of antennas used: 27**

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
01May 21:57:09		Starting project 14B-044.			
01May 21:57:09		The band(s) used is(are): L.			
01May 22:01:40		On source 3C147 with all available antennas.			
01May 21:57:09		Your data were taken with the new EVLA computer system controlling the Array.			
		Observers should carefully review their observations.			
		Data of a small fraction of projects, in particular those involving novel use			
		of the Widar correlator, will undergo inspection at the NRAO; if that is			
		the case you will receive a separate notification to that effect.			
		For the latest information about accessing your data from the archive, visit:			
		<a href="https://science.nrao.edu/facilities/vla/archive/">https://science.nrao.edu/facilities/vla/archive/</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> .			
01May 21:57:09		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:			

# VLA OBSERVING LOG

2015-05-01\_2157\_14B-044

		- 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:				
		<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>				
01May 22:20:00	01May 23:06:00	Antenna(s) 12 (Data: Lost):	CRYOGENICS	Other	1.00	46.0
		Tech investigating compressor problem.				
01May 22:26:00	01May 23:09:00	Antenna(s) 22 (Data: Lost):	WEATHER	Weather	1.00	43.0
		Antenna(s) auto-stowed due to high winds.				
01May 22:34:30	01May 23:12:00	Antenna(s) 21 (Data: Lost):	WEATHER	Weather	1.00	37.5
		Antenna(s) auto-stowed due to high winds.				
01May 22:44:30	01May 23:09:00	Antenna(s) 1 (Data: Lost):	WEATHER	Weather	1.00	24.5
		Antenna(s) auto-stowed due to high winds.				
01May 22:45:20	01May 23:09:00	Antenna(s) 2 (Data: Lost):	WEATHER	Weather	1.00	23.7
		Antenna(s) auto-stowed due to high winds.				
01May 22:46:30	01May 23:09:00	Antenna(s) 9 (Data: Lost):	WEATHER	Weather	1.00	22.5
		Antenna(s) auto-stowed due to high winds.				
01May 22:47:40	01May 23:09:00	Antenna(s) 13 (Data: Lost):	WEATHER	Weather	1.00	21.3
		Antenna(s) auto-stowed due to high winds.				
01May 22:47:40	01May 23:09:00	Antenna(s) 11 (Data: Lost):	WEATHER	Weather	1.00	21.3
		Antenna(s) auto-stowed due to high winds.				
01May 22:48:30	01May 23:09:00	Antenna(s) 20 (Data: Lost):	WEATHER	Weather	1.00	20.5
		Antenna(s) auto-stowed due to high winds.				
01May 22:52:00	01May 23:09:00	Antenna(s) 23 (Data: Lost):	WEATHER	Weather	1.00	17.0
		Antenna(s) auto-stowed due to high winds.				
01May 22:53:30	01May 23:12:00	Antenna(s) 14 (Data: Lost):	WEATHER	Weather	1.00	18.5
		Antenna(s) auto-stowed due to high winds.				
01May 23:24:40	01May 23:59:50	Antenna(s) 21 (Data: Lost):	WEATHER	Weather	1.00	35.2
		Antenna(s) auto-stowed due to high winds.				
01May 23:25:30	01May 23:59:50	Antenna(s) 14 (Data: Lost):	WEATHER	Weather	1.00	34.3
		Antenna(s) auto-stowed due to high winds.				
01May 21:57:09	02May 1:26:34	Antenna(s) 11 (Data: Lost):	FOCUS/ROTATION	Other	0.50	104.7
		Frequent subreflector faults or position errors.				

# VLA OBSERVING LOG

2015-05-01\_2157\_14B-044

Project End Time	Total Project Time (minutes x 27 ants.)	Down Time % of Total Time	Total Down Time	
02May 1:26:34	End of project 14B-044	5654.3	8.3%	470.0