VLA OBSERVING LOG 2017-09-18_1455_17A-240

Observing Date: 18-Sep-2017
Configuration: B
Decommissioned: 28

Project:	17A-240	**# Subarrays:**	1	**Observation Type:**	Science
Observer(PI):	Dr John M. Cannon			**Band(s) Used:**	L
SBID(s):	34233991				
Source File(s):	17A-240_sb34233991_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
18Sep 15:03:49	2.5	12.2	SW at 0.4 m/s	791.7	11.8	Sky clear.
18Sep 16:08:59	3.6	18.2	SW at 0.6 m/s	792.3	5.5	Sky clear.
18Sep 17:15:10	2.7	19.1	SW at 5.6 m/s	792.1	24.7	Sky clear.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
18Sep 14:55:14		Starting project 17A-240.			
18Sep 14:55:14		The band(s) used is(are): L.			
18Sep 15:03:44		On source J0135+5628 with all available antennas.			
18Sep 14:55:14		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.			
18Sep 14:55:14		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/			
18Sep 14:55:14	18Sep 17:24:49	Antenna(s) 15 (Data: Lost): ELECTRICAL	C140514	1.00	149.6
		Antenna excluded from the script; antenna has no power due to transformer failure.			
18Sep 14:55:14	18Sep 17:24:49	Antenna(s) 13 (Data: Lost): FOCUS/ROTATION	C140527	1.00	149.6
		Focus timeout and translator faults. Antenna parked and excluded from script.			
18Sep 14:55:14	18Sep 17:24:49	Antenna(s) 24 (Data: Corrupted): FIBER OPTICS	C140505	0.25	37.4
		Antenna IF D delays and fringes are unstable, fringe amplitude is often zero, due to			
		frequent loss of sync within the DTS system.			
18Sep 14:55:14	18Sep 17:24:49	Antenna(s) 10 (Data: Corrupted): CRYOGENICS	C140526	1.00	149.6
		Cryo warming L-band reciever. Fringe amplitudes will weaken as receiver			
		approaches ambient temperature.			

Project End Time		Total Project Time (minutes x 27 ants.)	Down Time % of Total Time	Total Down Time
18Sep 17:24:49	**End of project 17A-240**	**4038.8**	**12.0%**	**486.1**