VLA OBSERVING LOG 2017-09-29_1132_17A-240

Observing Date: 29-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):	34233655				
Source File(s):	17A-240_sb34233655_1_1				
Observer E-mail:	jcannon@macalester.edu				
Operator(s):	Kristin Renda				

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
29Sep 11:38:17	10.8	10.4	E at 2.9 m/s	791.2	9.8	Sky cover 60%. Stratiform clouds.
29Sep 13:26:24	10.2	10.5	N at 1.7 m/s	791.8	17.2	Sky cover 90%. Stratiform clouds. Fog.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
29Sep 11:32:14		Starting project 17A-240.			
29Sep 11:32:14		The band(s) used is(are): L.			
29Sep 11:38:23		On source J1035+5628 with all available antennas.			
29Sep 11:32:14		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.			
29Sep 11:32:14		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/			
29Sep 11:32:14	29Sep 14:31:44	Antenna(s) 13 (Data: Lost): FOCUS/ROTATION	C140564	1.00	179.5
		Frequent subreflector drive faults or position errors. Excluded from script.			
29Sep 12:45:48	29Sep 12:48:28	Antenna(s) 11 (Data: Lost): SITE POWER	C140574	1.00	2.7
		Communications with antenna were lost during a site wide power hit. Antenna			
		recovered and repointed.			
29Sep 12:45:48	29Sep 12:48:42	Antenna(s) 19 (Data: Lost): SITE POWER	C140574	1.00	2.9
		Communications with antenna were lost during a site wide power hit. Antenna			
		recovered and repointed.			
29Sep 12:45:48	29Sep 12:48:42	Antenna(s) 18 (Data: Lost): SITE POWER	C140574	1.00	2.9
		Antenna went off source due to a site wide power hit. Antenna repointed.			
29Sep 12:45:48	29Sep 12:48:00	Antenna(s) 05 (Data: Lost): SITE POWER	C140574	1.00	2.2
		Antenna went off source due to a site wide power hit. Antenna repointed.			
29Sep 12:45:48	29Sep 12:47:41	Antenna(s) 10 (Data: Lost): SITE POWER	C140574	1.00	1.9
		Antenna went off source due to a site wide power hit. Antenna repointed.			
29Sep 12:45:48	29Sep 12:47:41	Antenna(s) 20 (Data: Lost): SITE POWER	C140574	1.00	1.9
		Antenna went off source due to a site wide power hit. Antenna repointed.			
29Sep 12:45:48	29Sep 12:47:41	Antenna(s) 16 (Data: Lost): SITE POWER	C140574	1.00	1.9
		Antenna went off source due to a site wide power hit. Antenna repointed.			
29Sep 13:56:00	29Sep 14:30:00	Antenna(s) 5 (Data: Lost): FIBER OPTICS	C140571	1.00	34.0
		D306 power issues/repair			
29Sep 14:08:00	29Sep 14:30:00	Antenna(s) 20 (Data: Lost): SERVO	C140573	1.00	22.0
		FrM voltage out of spec/repair			

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Project End Time		**Total Project Time (minutes x 27 ants.)**	**Down Time % of Total Time**		**Total Down Time**
29Sep 14:31:44	**End of project 17A-240**	**4846.5**	**5.2%**		**251.8**