VLA OBSERVING LOG

2017-07-21_1948_17A-240

| Observing Date: | 21-Jul-2017 | Project: | 17A-240 | # Subarrays: | 1 | Observation Type: | Science |
|------------------------|-------------|------------------|------------------------|--------------|---|-------------------|---------|
| Configuration: | С | Observer(PI): | Dr John M. Cannon | | | Band(s) Used: | L |
| Decommissioned: | 15 | SBID(s): | 33793726 | | | | |
| | | Source File(s): | 17A-240_sb33793726_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 |
|----------------|---------------|-----------|---------------------------------|--------------------------|-------------------------|---|
| 21Jul 19:59:41 | 12.7 | 22.3 | E at 2.4 m/s | 791.7 | 12.9 | Sky cover 70%. Cumuliform clouds. |
| 21Jul 20:39:37 | 13.7 | 19.2 | SE at 7.1 m/s | 791.1 | 14.2 | Sky cover 80%. Cumuliform clouds. Light rain. |
| 21Jul 21:41:57 | 12.1 | 22.4 | E at 2.9 m/s | 790.6 | 13.2 | Sky cover 60%. Mixed clouds. |
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Number of antennas used: 27

| Start Time | End Time | Comments/Outages | Form # | #Ants | Down Time (in minutes) |
|----------------|----------|--|--------|-------|---------------------------|
| 21Jul 19:48:02 | | Starting project 17A-240. | | | |
| 21Jul 19:48:02 | | The band(s) used is(are): L. | | | |
| 21Jul 19:48:02 | | On source 3C286 with all available antennas. | | | |
| 21Jul 19:48:02 | | Antenna(s):11 | | | |
| | | have recently updated baseline parameters to correct for errors resulting from | | | |
| | | their recent relocation. Please check for any significant errors and submit | | | |
| | | them to the NRAO Helpdesk (https://science.nrao.edu/observing/helpdesk) | | | |
| | | under the VLA Observing department. | | | |
| 21Jul 19:48:02 | | 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. | | | |
| 21Jul 19:48:02 | | Note: To support our ongoing RFI monitoring efforts, any feedback from your | | | |

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| | | 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 | t is continuous or | | | |
| | | intermittent? | | | | |
| | | - If possible, a spectrum of the RFI should be included | l in the e-mail. | | | |
| | | Thanks very much for your support; this information w | | | | |
| | | updated on the EVLA science pages at: | | | | |
| | | https://science.nrao.edu/facilities/vla/docs/manuals/ob | sguide/modes/rfi/ | | | |
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| Project End Time | | | Total Project Time (minutes x 27 ants.) | Down Time % of Total Time | | Total Down Time |
| 21Jul 21:56:08 | End of project 17/ | A-240 | 3458.7 | 0.0% |) | 0.0 |