VLA OBSERVING LOG

2017-06-09_0029_17A-240

Observing Date: 09-Jun-2017

Configuration: C **Decommissioned:** 11

| Project: | 17A-240 | # Subarrays: 1 | Observation Type: | Science |
|------------------|------------------------|----------------|-------------------|---------|
| Observer(PI): | Dr John M. Cannon | | Band(s) Used: | L |
| SBID(s): | 33784240 | | | |
| Source File(s): | 17A-240_sb33784240_1_1 | | | |
| Observer E-mail: | jcannon@macalester.edu | | | |
| Operator(s): | Jesse Hanowell | | | |

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 |
|---------------|---------------|-----------|---------------------------------|--------------------------|-------------------------|-----------------------------------|
| 09Jun 0:33:06 | 3.5 | 23.6 | S at 13.0 m/s | 787.3 | | Sky cover 70%. Cumuliform clouds. |
| 09Jun 1:59:29 | 1.0 | 24.0 | W at 4.4 m/s | 788.1 | 13.0 | Sky cover 60%. Cumuliform clouds. |
| 09Jun 2:58:33 | 2.0 | 22.5 | W at 4.4 m/s | 788.6 | 15.1 | Sky cover 50%. Mixed clouds. |
| 09Jun 3:57:09 | 2.6 | 21.6 | SW at 10.3 m/s | 789.0 | 10.0 | 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) |
|---------------|----------|--|--------|-------|---------------------------|
| 09Jun 0:29:15 | | Starting project 17A-240. | | | |
| 09Jun 0:29:15 | | The band(s) used is(are): L. | | | |
| 09Jun 0:32:50 | | On source J1219+4829 with all available antennas. | | | |
| 09Jun 0:29:15 | | Antenna(s):5 | | | |
| | | 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. | | | |
| 09Jun 0:29:15 | | 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. | | | |
| 09Jun 0:29:15 | | 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 | t 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 w | ill be continuously | | | |
| | | 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 |
| 09Jun 3:59:35 | End of project 17/ | A-240 | 5679.0 | 0.0% |) | 0.0 |