

# VLA OBSERVING LOG

## 2017-08-11\_0156\_17A-240

**Observing Date:** 11-Aug-2017  
**Configuration:** C  
**Decommissioned:** 15

|                         |                        |                     |   |                          |         |
|-------------------------|------------------------|---------------------|---|--------------------------|---------|
| <b>Project:</b>         | 17A-240                | <b># Subarrays:</b> | 1 | <b>Observation Type:</b> | Science |
| <b>Observer(PI):</b>    | Dr John M. Cannon      |                     |   | <b>Band(s) Used:</b>     | L       |
| <b>SBID(s):</b>         | 33800319               |                     |   |                          |         |
| <b>Source File(s):</b>  | 17A-240_sb33800319_1_1 |                     |   |                          |         |
| <b>Observer E-mail:</b> | jcannon@macalester.edu |                     |   |                          |         |
| <b>Operator(s):</b>     | 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                           |
|---------------|---------------|-----------|------------------------------|-----------------------|----------------------|-----------------------------------|
| 11Aug 1:58:05 | 9.8           | 20.8      | S at 6.0 m/s                 | 792.7                 | 5.6                  | Sky cover 50%. Stratiform clouds. |
| 11Aug 3:24:24 | 9.5           | 20.7      | SW at 3.9 m/s                | 793.4                 | 7.3                  | Sky cover 70%. Stratiform clouds. |
|               |               |           |                              |                       |                      |                                   |
|               |               |           |                              |                       |                      |                                   |
|               |               |           |                              |                       |                      |                                   |
|               |               |           |                              |                       |                      |                                   |

**Number of antennas used: 27**

| Start Time    | End Time | Comments/Outages   | Form # | #Ants | Down Time (in minutes) |
|---------------|----------|--|--------|-------|------------------------|
| 11Aug 1:56:03 |          | Starting project 17A-240.  |        |       |                        |
| 11Aug 1:56:03 |          | The band(s) used is(are): L.   |        |       |                        |
| 11Aug 1:57:54 |          | On source 3C286 with all available antennas.   |        |       |                        |
| 11Aug 1:56:03 |          | To access your data from the NRAO archive visit:   |        |       |                        |
|               |          | <a href="https://science.nrao.edu/facilities/vla/archive">https://science.nrao.edu/facilities/vla/archive</a> .  |        |       |                        |
|               |          | All VLA science data are processed through the VLA calibration pipeline. Details are at: <a href="https://science.nrao.edu/facilities/vla/data-processing/pipeline">https://science.nrao.edu/facilities/vla/data-processing/pipeline</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> .  |        |       |                        |
| 11Aug 1:56:03 |          | 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:   |        |       |                        |
|               |          | - Observation/project code   |        |       |                        |
|               |          | - Frequency and Time of the observations   |        |       |                        |
|               |          | - The characteristics of the RFI signal, in particular if it is continuous or  |        |       |                        |

