

Technical Note for the AMSU Brightness Temperature - NOAA CDR (01B-18, 18a)

Aqua satellite anomaly

In August 2020, Aqua AMSU-A L1c data are only available from 08/01/2020 to 08/15/2020 because of the Aqua satellite anomaly during the period 08/16/2020 - 09/02/2020. See below for additional details from NASA Jet Propulsion Laboratory.

[NASA/JPL Atmospheric Infrared Sounder](#)

On August 16, 2020 at 09:26:40 UTC, the data formatter for the solid state recorder on the Aqua satellite began exhibiting anomalous behavior during playback operations. All X-Band science data playback has been corrupted since the anomaly began. The AIRS instrument continues to operate normally. The spacecraft direct broadcast transmitter is still operational, although, this system may also experience periodic outages as we continue to diagnose the problem. For more information on the direct broadcast system, please see <https://directreadout.sci.gsfc.nasa.gov/>.