GOES-R Series web sites

These are links for NOAA's GOES-16 (-17) imagery

GOES ABI (Advanced Baseline Imager) Realtime Imagery

- NOAA STAR ABI Image Viewer *(can save animated gif)* **GOES-16 GOES-17**
- SSEC Geo Browser All bands, Meso1 Meso2 and CONUS and Full Disk, plus a "spectral" (all channels) loop *(can save animated gif)* and **GOES-17**
- geo imagery (SSEC Real Earth TM) All bands, CONUS and Full Disk and both meso-scale sectors *(can save animated gif or mp4)* and **GOES-17**
- UW-Madison AOS Many sectors (including Southern Wisconsin) and several enhancements and **GOES-17**
- RAMMB Slider GeoColor, all bands and all sectors *(can save animated gifs, etc.)* and **GOES-17**
- GOES ABI imagery (CIRA) Meso-scale
- College of DuPage Select bands for the
- weather.us US view, several options
- Earl's Satellite Page FD, CONUS, Meso, etc.
- Meteo-Chile 16 bands and RGB images over Chile & band fact sheets in Spanish: B1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
- Brazil's CPTEC All ABI bands in animation over South America.
- Environment Canada Several sectors and animations.
- SMN (Mexico) Several sectors.
- UNAM (Mexico) Several sectors.
- NASA's Marshall Space Flight Center CONUS and Full Disk sectors. **GOES-17**
- NOAA NESDIS Full Disk view .
- Embry-Riddle Aeronautical University - Daytona Beach Meteorology Many sectors, several bands.
- Tropical Tidbits Many sectors (including Alaska) and Central Pacific **GOES-17**
- SSEC Geo Browser GOES-16 and -17 in the Mollweide projection *(can save animated gif)*

GLM (Geostationary Lightning Mapper)

- GLM realtime data (SPORT)
- GLM and ABI realtime data (SSEC Real Earth TM) for Groups and Group Density
- Weathernerds ABI (2 bands) and GLM (including gridded products), *can save animated gifs.*
- 2017 GOES-16 paper by S. Rudlosky et al. 2018 GOES-16 paper by S. Rudlosky et al.
- GLM Ground System Status and Product Performance Guide for Data Users.

GOES Calibration

- NOAA STAR GOES-16/17 calibration page Cal Event Log
- CIMSS Imagery 16-band; times difference images 16-panel of the ABI at both CONUS and Full Disk and **GOES-17**
- GOES Spectral Response functions Plots and files: GOES-16 and other GOES; plus Planck coefficents
- GOES-16 and GOES-17 ABI Clear-sky Weighting functions both static and realtime

http://cimss.ssec.wisc.edu/goes/goesdata.html

Imagery

GLM

Calibration

GOES-16/17 ABI Data

(Free) Software (+ webapps)

(Free) Phone apps

ABI Training and Info

Education (2020 Virtual Science Fair)

Level 2 -- Derived Products, etc.

Space Weather