

RDAC Update: NOAA/NESDIS/STAR 2

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STATUS

- **Geostationary Sea Surface Temperatures (SSTs)**
 - Meteosat-11
 - Meteosat-8 (Indian Ocean)
- **Reprocessing Geostationary SSTs**
 - **1995-2002** (2003-2016 GOES-E/W, MSG, MTSAT already complete)
- **Geo-Polar Blended SST Analyses**
 - Day/Night
 - Night
 - Diurnally Corrected Day/Night
- **Reprocessing Geo-Polar Blended SST Analysis**
 - 1995-2002
- **Oceanic Heat Content**
 - North Atlantic
 - North Pacific
 - South Pacific
- **EUMETSAT/NOAA JOINT SCIENCE AGREEMENT (2020-2021)**
 - Joint Product Development
 - Calibration/Validation Activities of Sea-Surface, Sea-ice and Lake-Surface Water Temperature, including diurnal modeling

Work in Progress/Future Work

WORK IN PROGRESS

- **Blended SSTs**

- Overhaul bias correction using Sentinel-3 SLSTR
- Blended 1-km Regions

- **Oceanic Heat Content**

- Indian Ocean
- High Resolution 25km to 5km

FUTURE WORK

- Generation of Lake Water Temperatures for NCEP Regional Models