Future NOAA/NESDIS/STAR GEO Datasets

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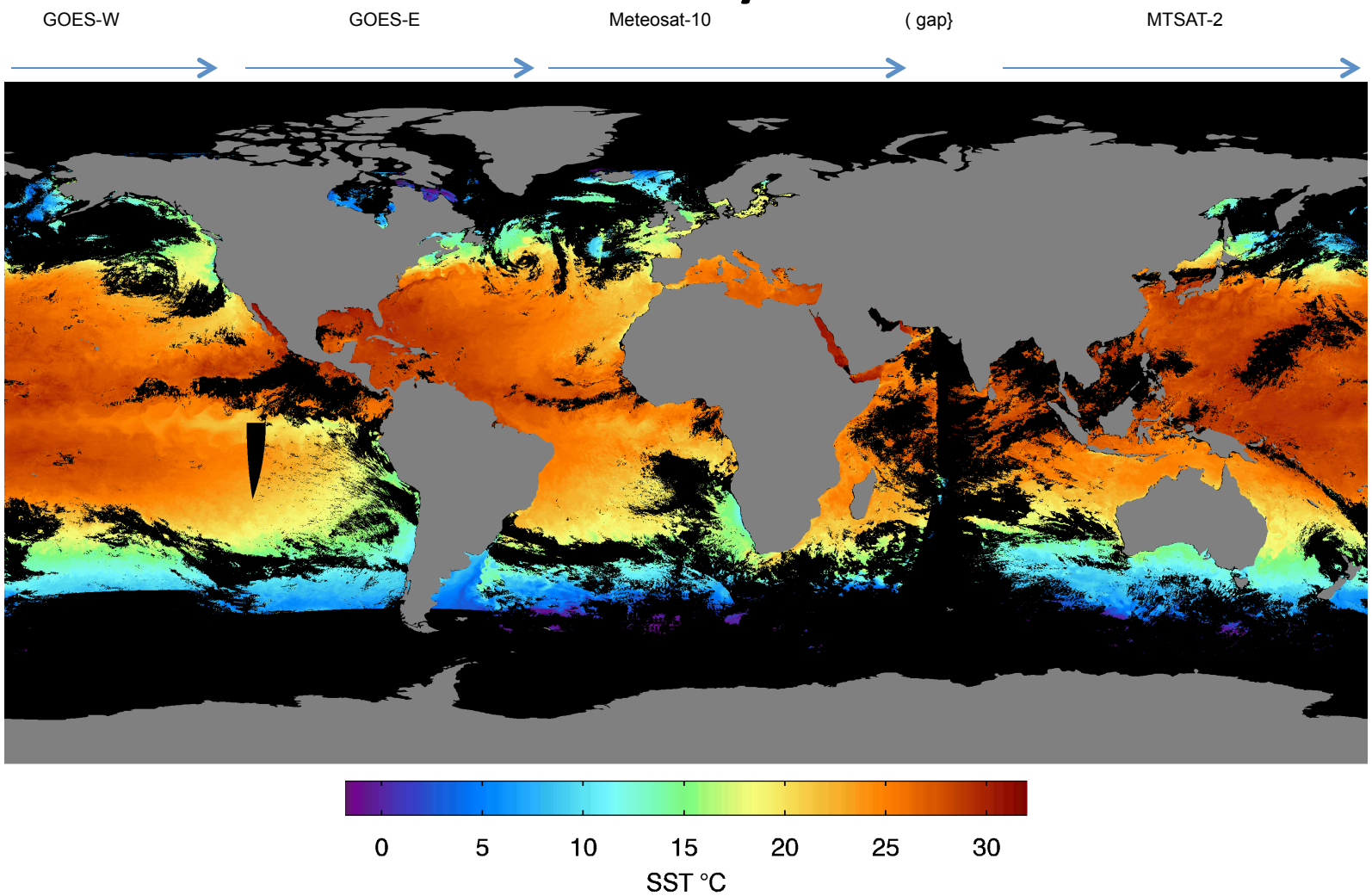
Current NOAA/NESDIS/STAR Geostationary Satellites



Himawari-8

- Multifunctional Transport Satellites (*MTSAT*) -2
  - December 2015 – last month of operation

- *Himawari-8* replaces *MTSAT-2*
  - Advanced Himawari Imager (AHI)
    - Full-disk images every 10 minutes
    - Regional images for the area around Japan every 2.5 minutes

Himawari-8
Sea Surface Temperatures

- Apply Physical Retrieval Methodologies
  - to the HIMAWARI data
- Generate Himawari GHRSST L2P SST retrievals
  - Operational November 2015
- Include Himawari GHRSST L2P SST retrievals
  - Into Geo-Polar Blended GHRSST L4 SST Analysis
  - Operational December 2015

INSAT-3D

- Launched December 27, 2013
- 82 E Longitude
  - Fill in the gap over the Indian Ocean
    - SST generation
- Apply Physical Retrieval Methodologies
  - to the INSAT-3D data
  - Generate GHRSST L2P SST Retrievals
  - Include into the 5kM Global Blended SST Analysis

MSG-4

- Replace MSG-3 with MSG-4
- Launch 2nd July 20, 2015
- Available in 5 months
- Apply Physical Retrieval Methodologies
  - to the INSAT-3D data
  - Generate GHRSST L2P SST Retrievals
  - Include into the 5kM Global Blended SST Analysis