

GHRSSST XXIII

EUMETSAT Sea-Surface Temperature activities

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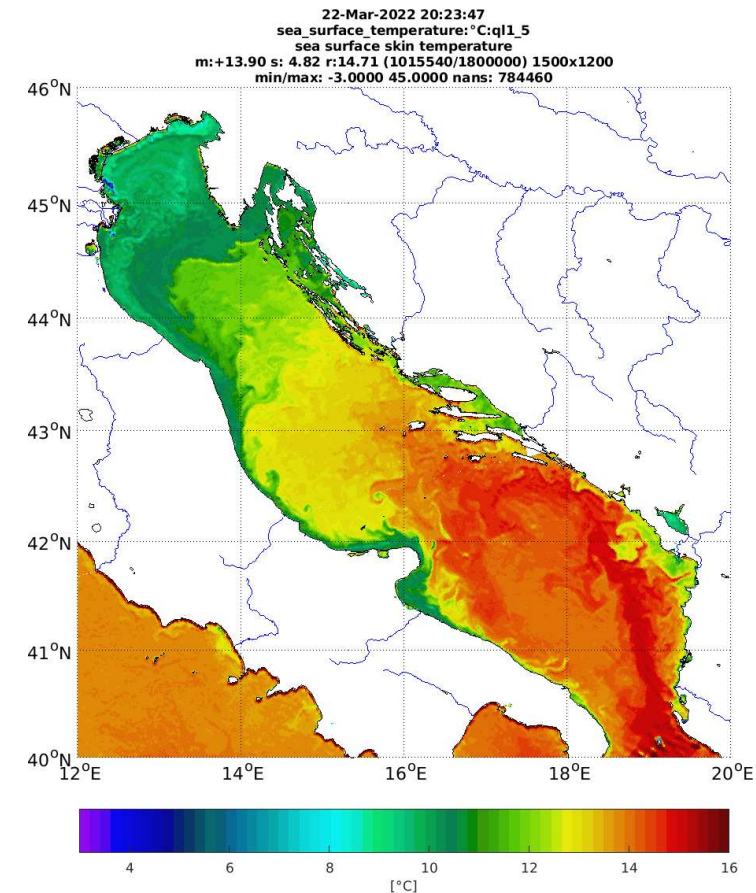
June 2022



Highlights since last meeting – EUMETSAT Sea Surface Temperature (I)

copernicus.eumetsat.int

- **Copernicus Sentinel-3A/B SLSTR SST (skin SST)**
 - New validation report for SLSTR SST Collection 3
 - Small updates to SLSTR processing on 18th January 2022 & 5th May 2022 not affecting product quality
 - Evolution of SLSTR day-2 SST / day-1 IST planned for 2024/2025 (includes depth SST)
 - Sentinel-3 C/D launches approx. 2024/2027
 - All information: <http://slstr.eumetsat.int>





Highlights since last meeting – EUMETSAT Sea Surface Temperature (2)

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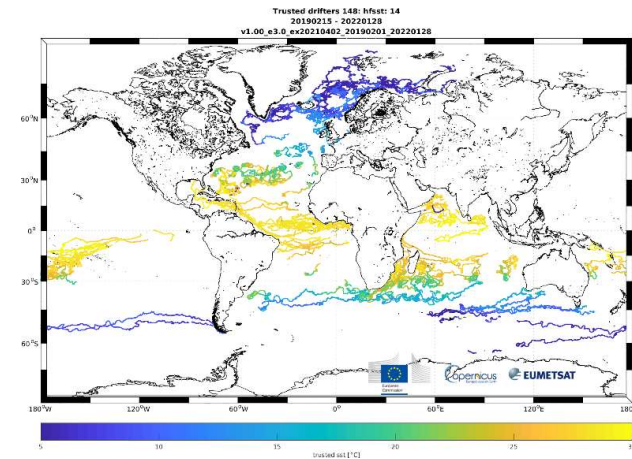
- **Metop-IASI SST (skin SST)**
 - **IASI-A and IASI-B SST L2P full reprocessing ongoing in 2022/2023**
- **CIMR L2 SST over global ocean**
 - **Study on synergistic global ocean & atmos. products begins 2022, launch approx. 2028**
- **MTG-I1 launch planned: December 2022 (FCI, IRS)**
- **Meteosat-9 will shortly replace Meteosat-8 in support of Indian Ocean Data Coverage Mission (IODC)**
- **EPS-SG first launch planned: not earlier than July 2024 (METimage, IASI-NG)**
- **Validation results for SLSTR-A/B, Metop-IASI/AVHRR continue to be available from <http://metis.eumetsat.int>**



EUMETSAT and Copernicus Sea-Surface Temperature Projects

copernicus.eumetsat.int

- **Copernicus FRM drifters (TRUSTED), extended to 2025:**
 - 150 HRSST drifting buoys: <https://www.eumetsat.int/TRUSTED>
 - MDB available for sharing: <https://s3calval.eumetsat.int/ma/sst/trusted/>
 - Next steps: 75 more buoys; QC & Metrology; Uncertainty models; FRM standard for drifters; Design and prototype of sea-ice ST drifter
- **Copernicus Sci4MaST:** <https://www.eumetsat.int/Sci4MaST>
 - Development of SLSTR day-2 SST and day-1 IST
 - Evolution of Cal/Val tools and MMDB (new format soon)
 - GHRSSST Project Office: <https://www.ghrsst.org/>
 - Implementation of GHRSSST data discovery & cataloguing (Ifremer)
- **Evolution of Bayesian Cloud Detection Scheme for SLSTR:**
 - Completed: <https://www.eumetsat.int/BCDS>





Thank you!
Questions are welcome.