Multi-mission optimally interpolated sea surface salinity (OISSS) V3.0 (EVAL)

Daily:

Data type: NetCDF

Variables	sea surface salinity [$1e^{-3}$], estimated empirical uncertainty of sea surface salinity [$1e^{-3}$]
Zonal	Global by 0.25 deg
Meridional	Global by 0.25 deg
Vertical	Surface
Temporal	August 28, 2011 to present by 1 day

File Naming Convention:

-OISSS_L4_multimission_global_daily_vx.x_EVAL_YYYY-MM-DD,

where

- vx.x – version x.x
- EVAL – evaluation version
- [YYYY] is the year,
- [MM] is the month, and
- [DD] is the day of the daily SSS map in the file.

Monthly:

Data type: NetCDF

Variables	monthly mean sea surface salinity [$1e^{-3}$], estimated empirical uncertainty of the monthly mean sea surface salinity [$1e^{-3}$], sea surface salinity anomaly relative to the product-based monthly climatology [$1e^{-3}$], climatological SSS based on multi-mission OISSS dataset from 09/2011 to 08/2021 [$1e^{-3}$].
Zonal	Global by 0.25 deg
Meridional	Global by 0.25 deg
Vertical	Surface
Temporal	September, 2011 to present by 1 month

For each calendar month, the monthly mean SSS field is the mean of daily OISSS fields during the month.

Monthly climatological mean SSS fields are computed by averaging the corresponding monthly SSS fields over a 10-year period from September 2011 to August 2021.

Monthly SSS anomalies are determined by subtracting the corresponding monthly climatological means.

File Naming Convention:

-OISSS_L4_multimission_global_monthly_vx.x_YYYY-MM,

where

- vx.x – version x.x
- EVAL – evaluation version
- [YYYY] is the year,
- [MM] is the month of the monthly SSS map in the file.