Argo_Indian_Profiles_1999-2022

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This data collection contains 515,349 Argo profiles for the Indian Ocean covering the period from October 1999 until February 2022.

The Argo netCDF files were downloaded from ftp://ftp.ifremer.fr/ifremer/argo/dac/ on February 28 2022, and were imported using the ODV Argo netCDF profile importer. The list of data variables follows below.

A number of prepared views can be loaded using the *View > Load Views* option in ODV or webODV. Typically, views take a few seconds to load, however, some views involve very large numbers of stations and may take longer. Some example views are shown below.

When using these data please acknowledge Argo as described here.

Variables:

1: Pressure (original) [decibar]   PRES | Sea water pressure, equals 0 at sea-level
2: Pressure (adjusted) [decibar]   PRES_ADJUSTED | Sea water pressure, equals 0 at sea-level
3: Temperature (original) [degrees_Celsius]   TEMP | Sea temperature in-situ ITS-90 scale
4: Temperature (adjusted) [degrees_Celsius]   TEMP_ADJUSTED | Sea temperature in-situ ITS-90 scale
5: Practical Salinity (original) [psu]   PSAL | Practical salinity
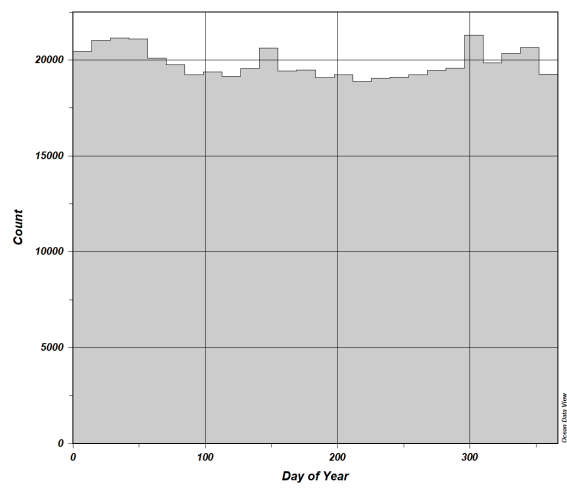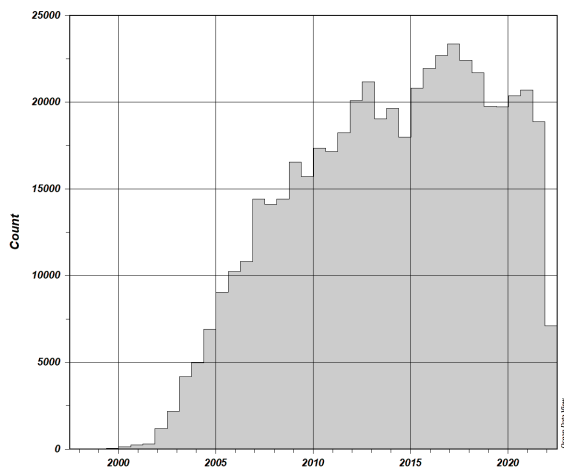6: Practical Salinity (adjusted) [psu]   PSAL_ADJUSTED | Practical salinity
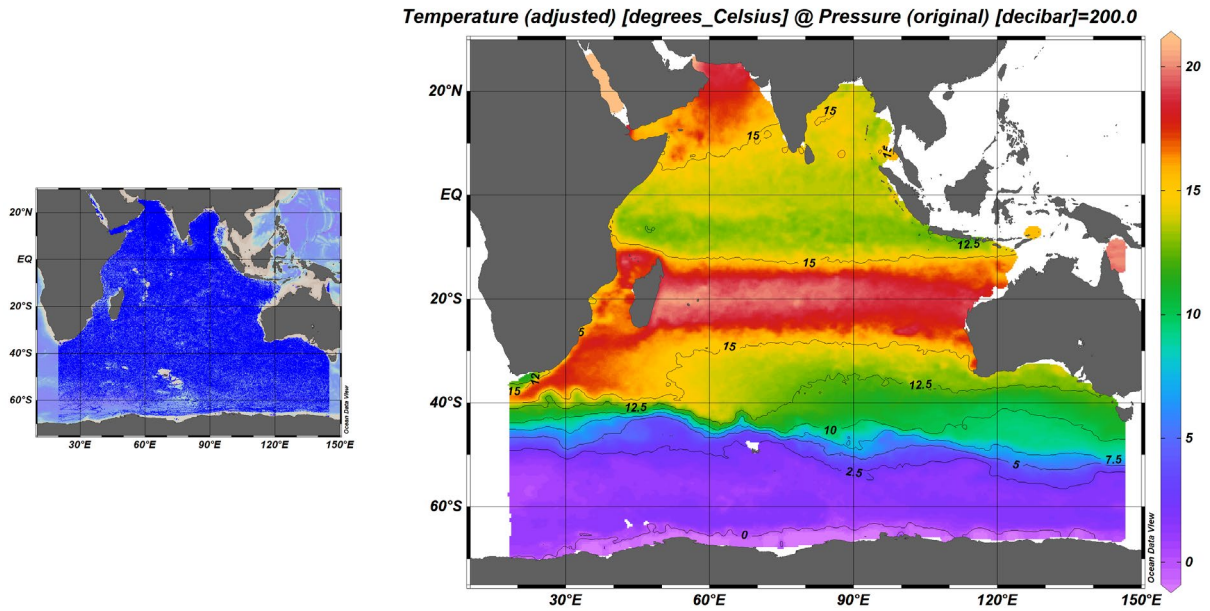

Station Map:
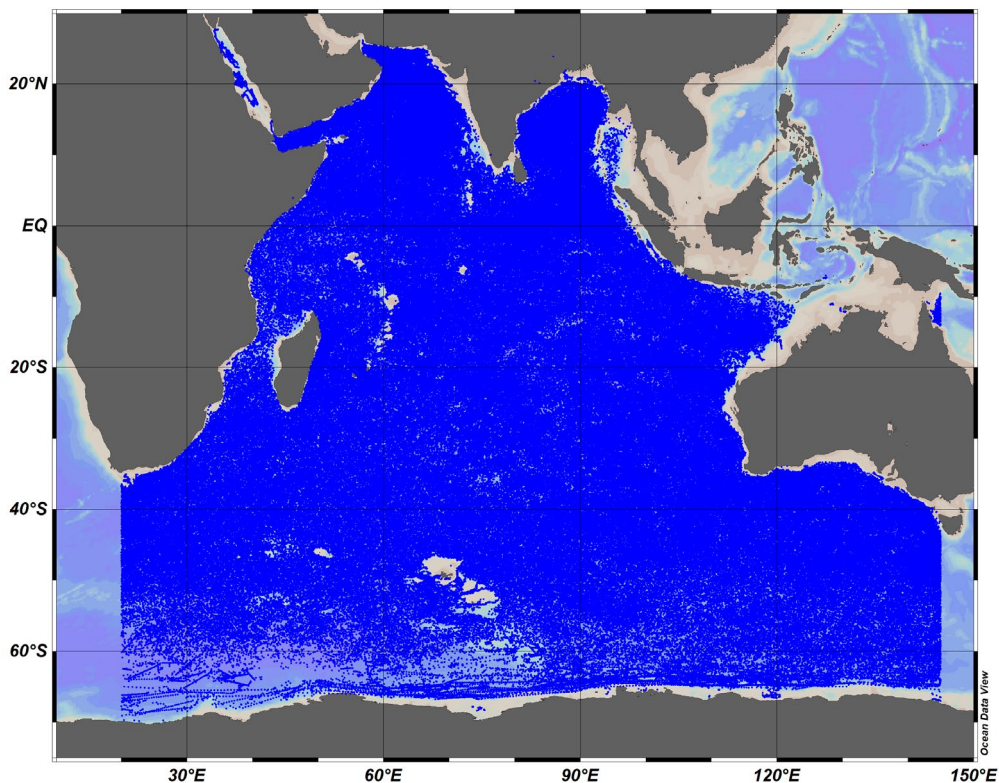
Spatial Coverage:
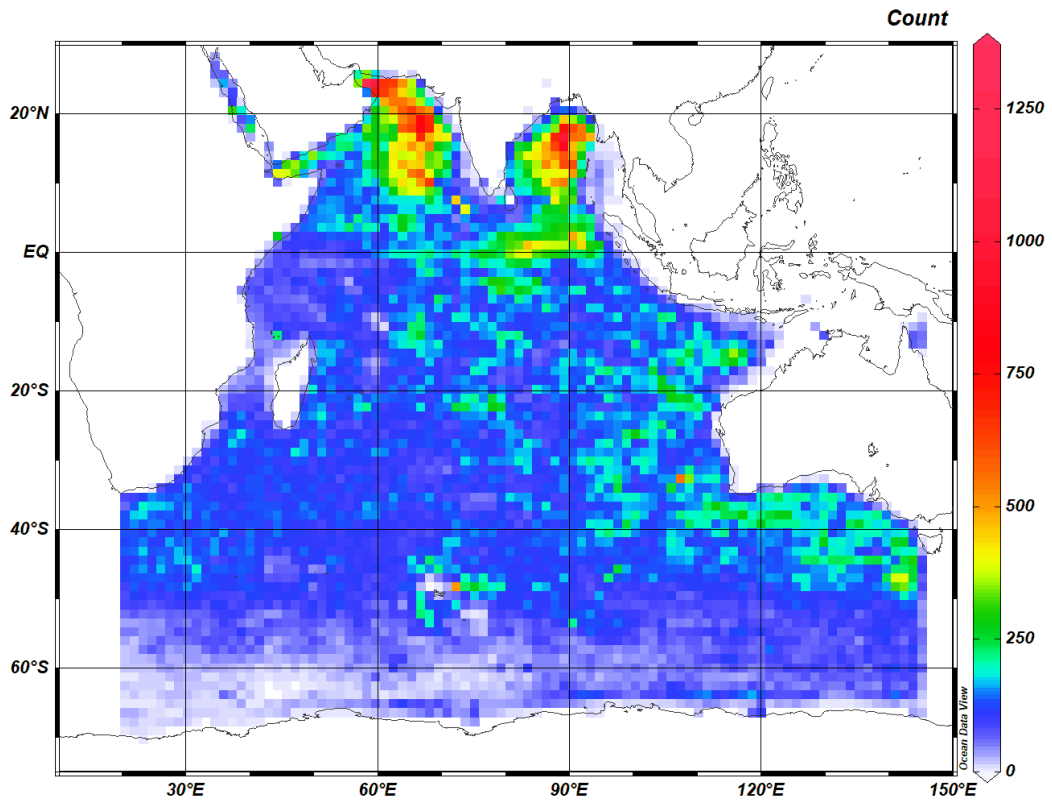
Temporal Coverage:

Example Views:

Temperature_at_200db: *Annual average temperature at 200 db.*

Temperature (adjusted) [degrees_Celsius] @ Pressure (original) [decibar]=200.0

Salinity_at_200db: *Annual average salinity at 200 db.*

Practical Salinity (adjusted) [psu] @ Pressure (original) [decibar]=200.0
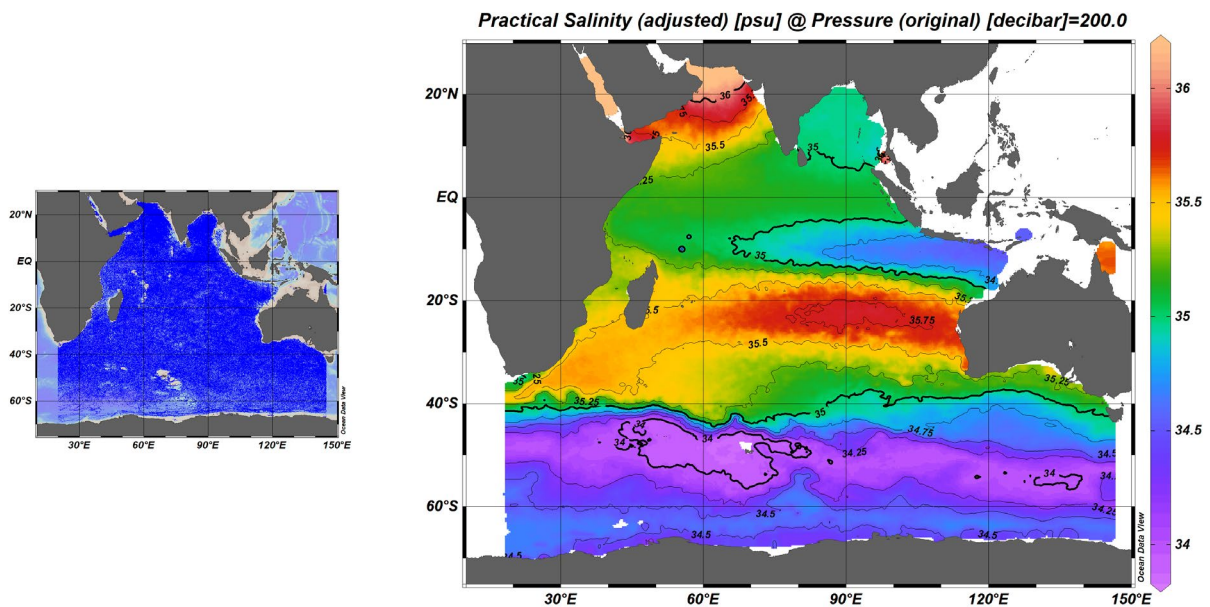
Pressure_at_sigma0_27-1_january: *Pressure on the $\sigma_0=27.1$ isopycnal for January.*

Pressure (adjusted) [decibar] @ Potential Density Anomaly σ_0 [kg/m^3]=27.100
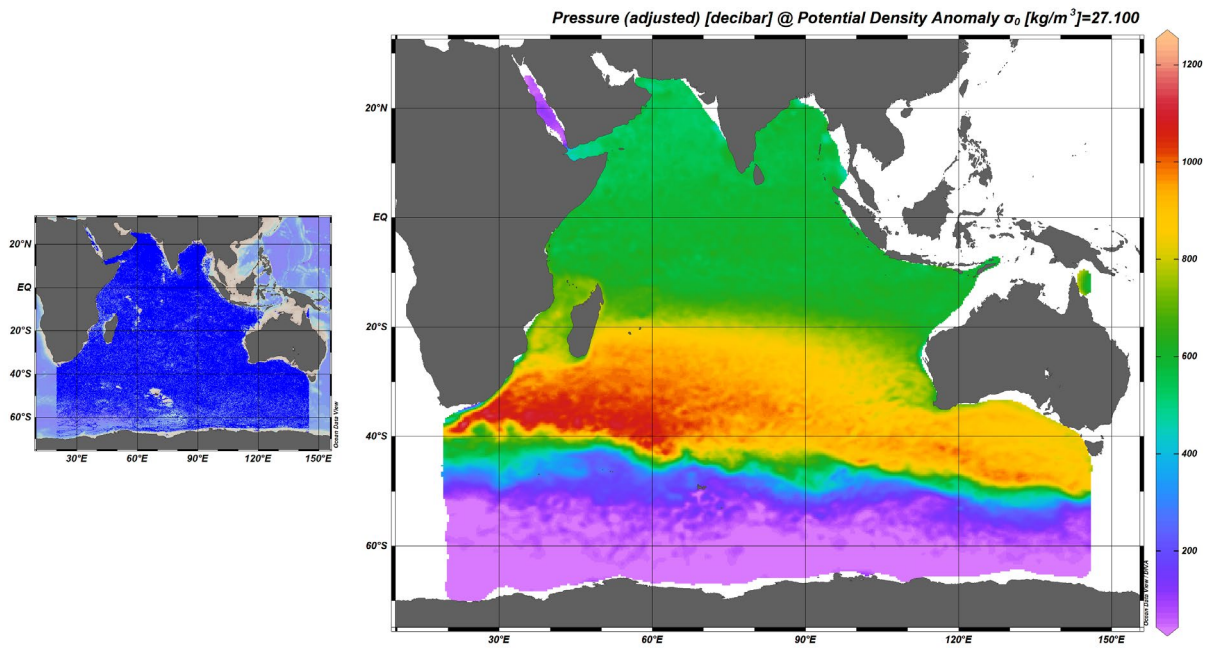
T-S_upper_50db_timeseries_ArabianSea: *Temporal evolution of temperature and salinity in the upper 50 db of the water column in the Arabian Sea.*