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Total 95 values

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Preliminary Design of the Copernicus Ocean Colour Vicarious Calibration: Infrastructure, Project Planning and Costing
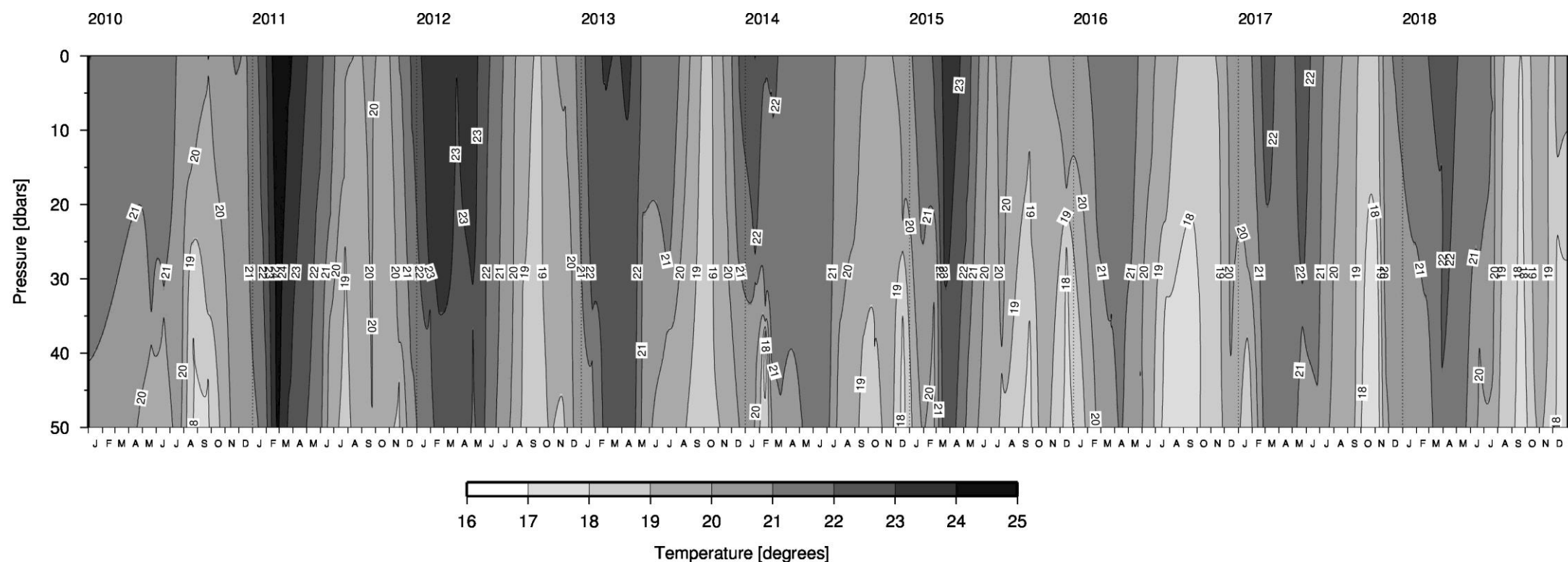
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1.2 Water salinity

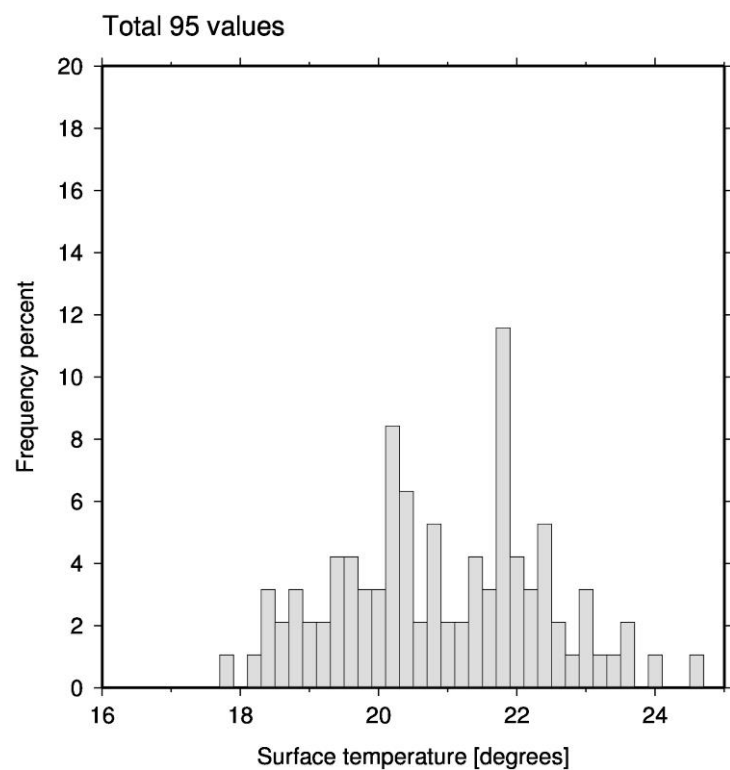*Figure 1-4 9-year depth-time series of salinity at EIO, from CTD data collected during monthly cruises.*

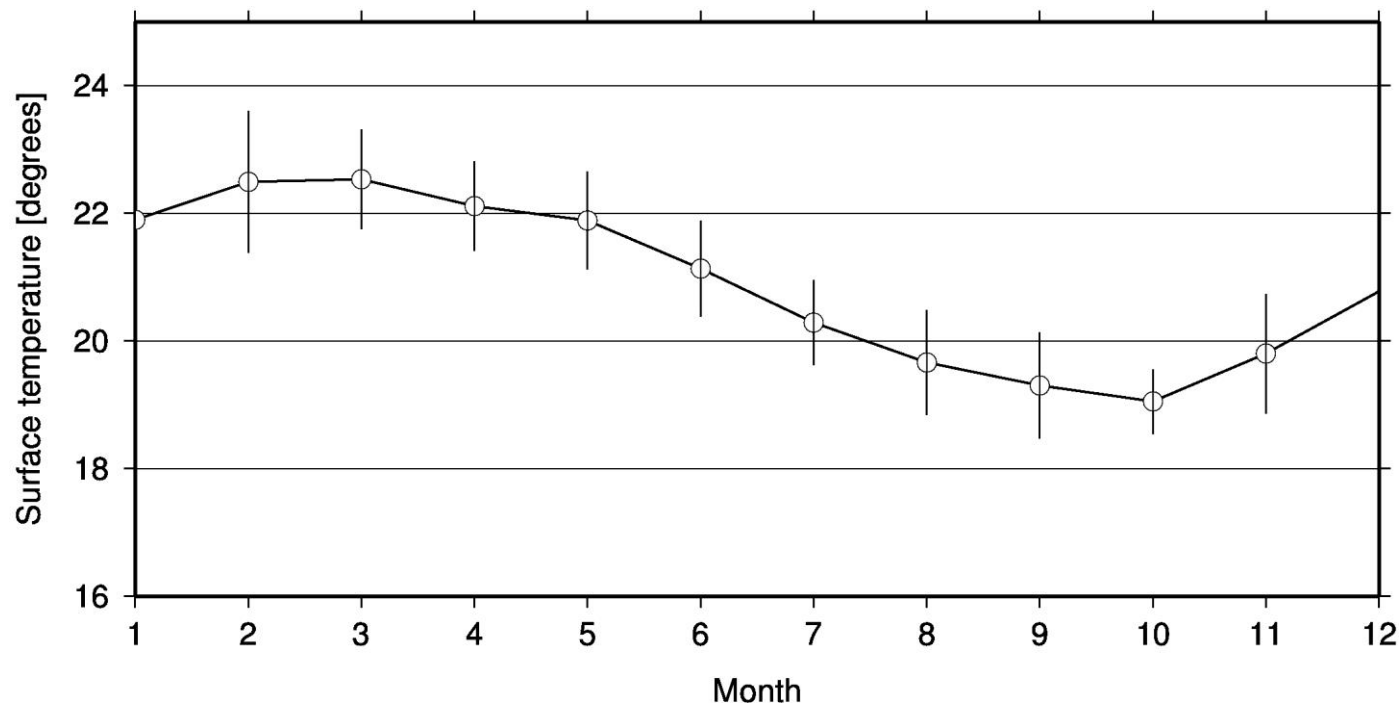Figure 1-5 Histogram of salinity at EIO, from the data presented in Figure 1-4.

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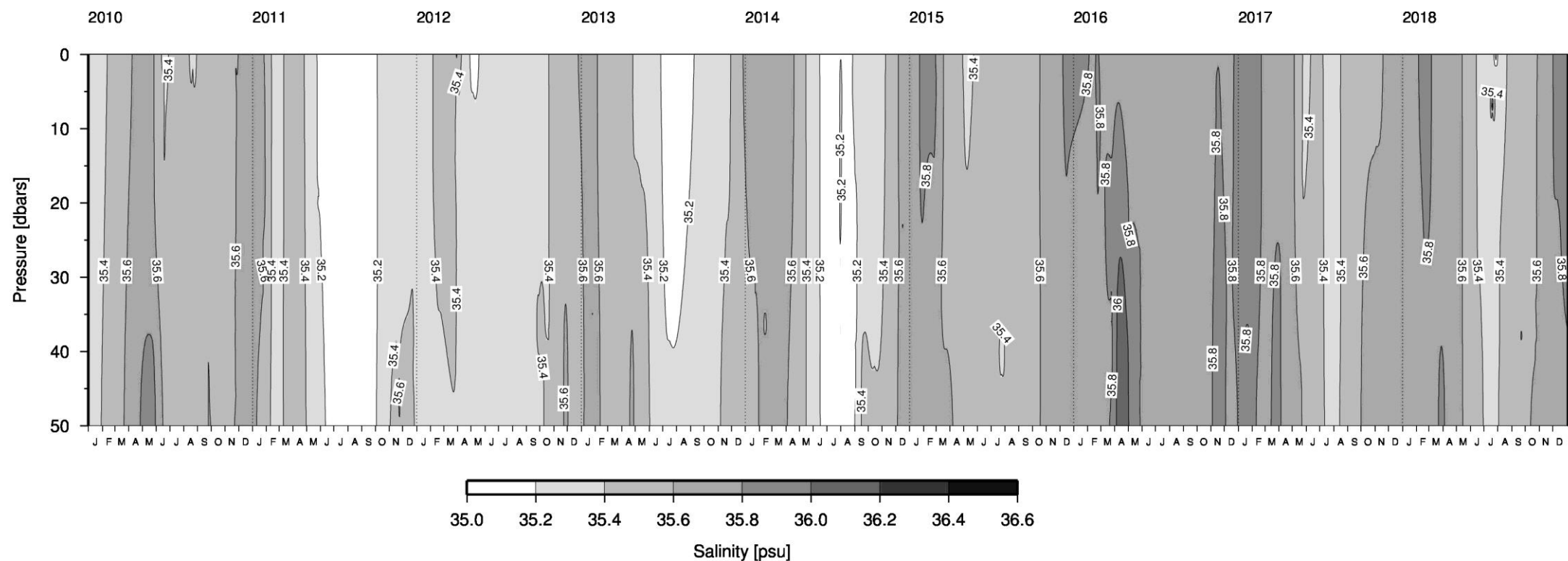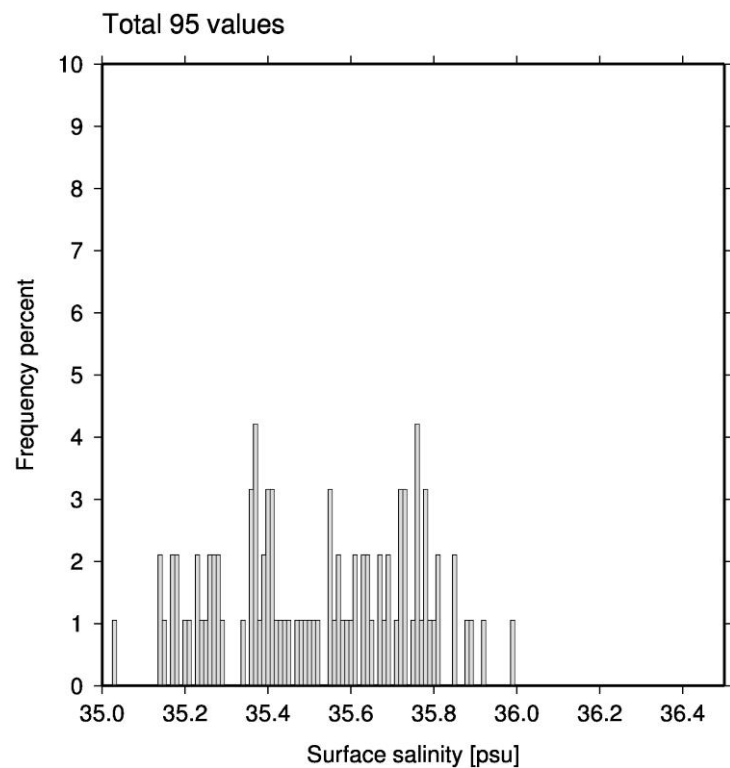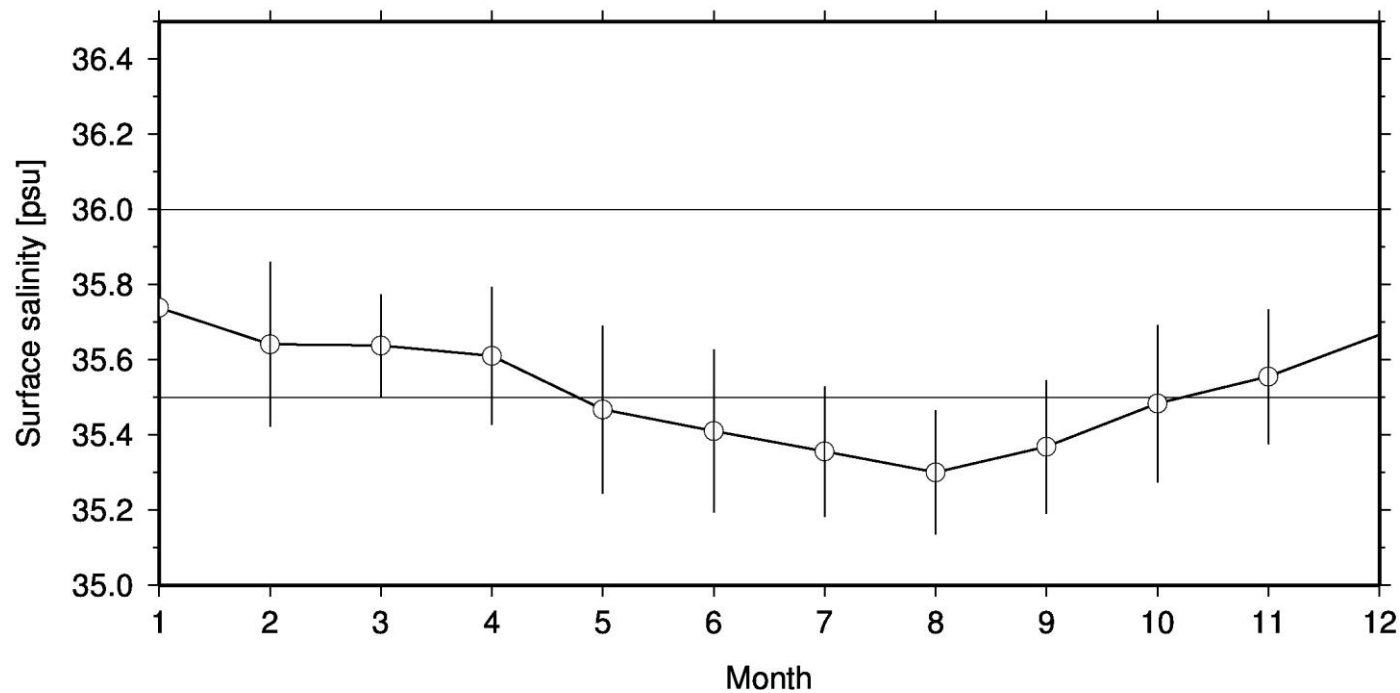
1.3 Phytoplankton chlorophyll (HPLC)

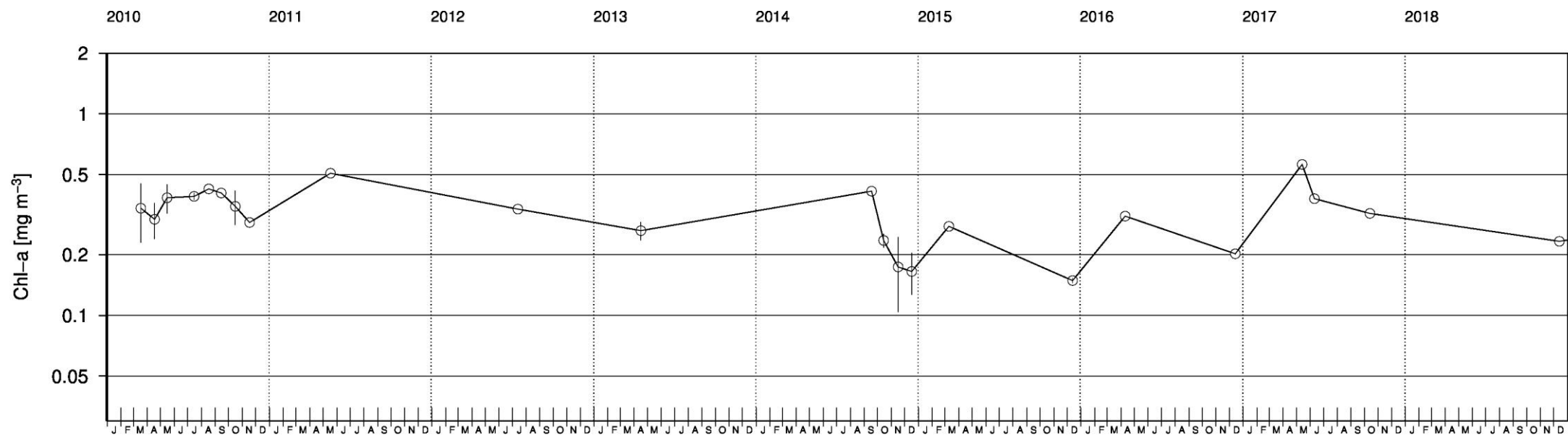*Figure 1-7 9-year time series of surface chlorophyll concentration at EIO, derived from HPLC analyses on samples collected during monthly cruises.*
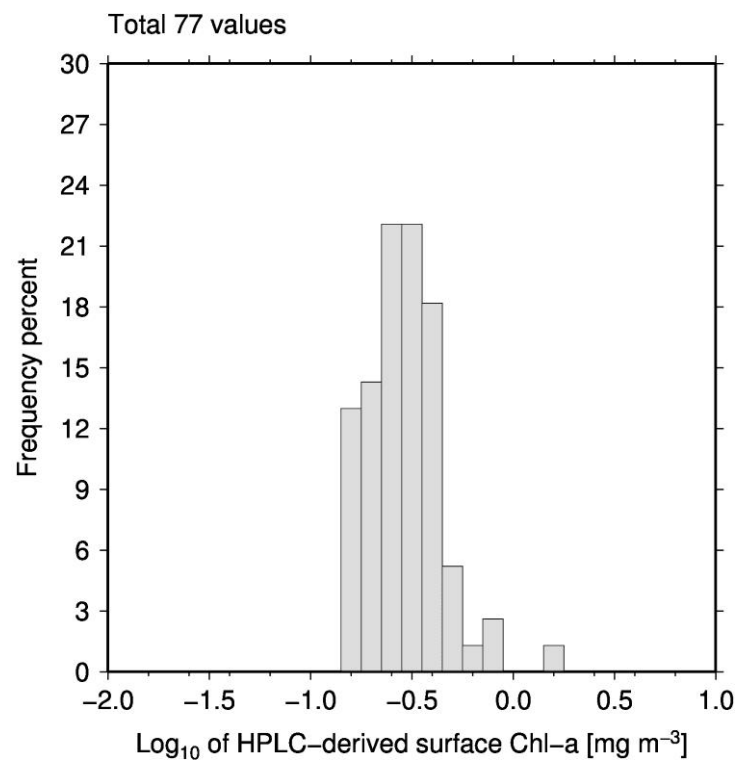
Figure 1-8.   Histogram of surface chlorophyll concentration at EIO, from the data presented in Figure 1-7.

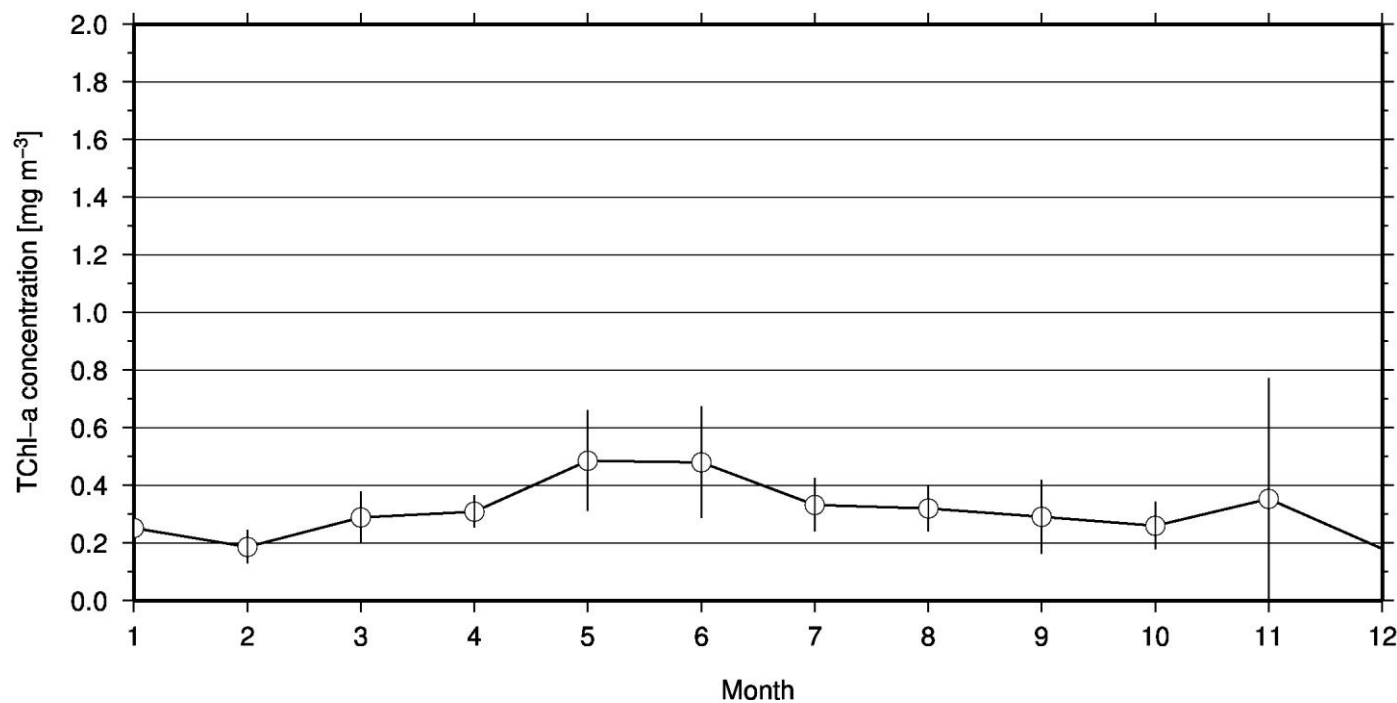Figure 1-9.   Climatological (average) monthly surface chlorophyll concentration at EIO, from the data presented in Figure 1-7. Vertical bars indicate standard deviation.
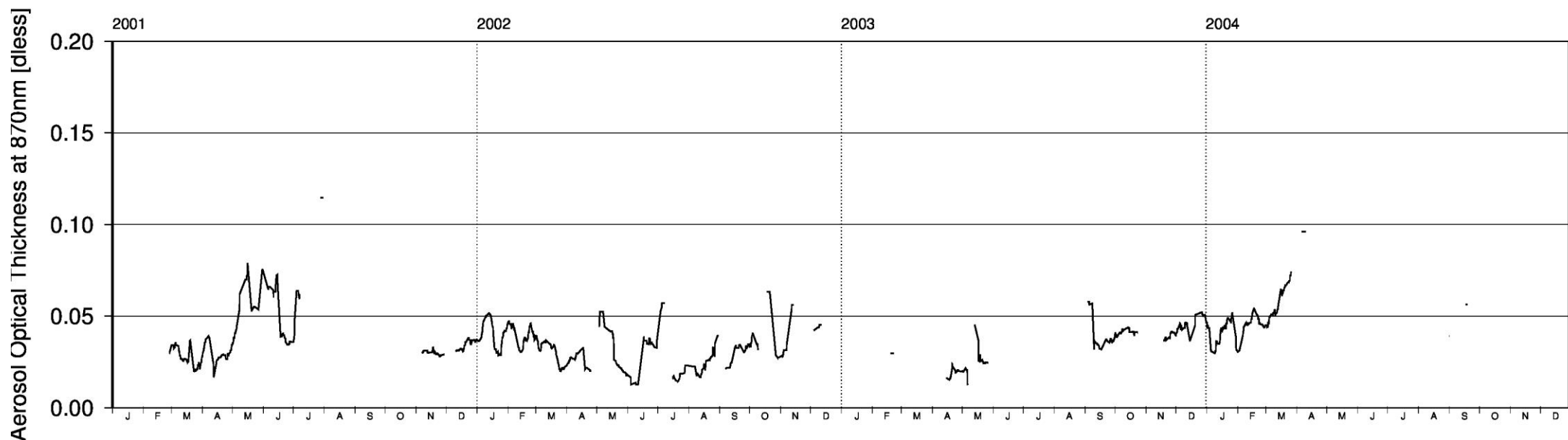
1.4   Aerosol optical depth

Figure 1-10 ~4-year time series of aerosol optical depth at 870 nm, from the Rottnest island AERONET Site (https://aeronet.gsfc.nasa.gov/cgi-bin/data_display_aod_v3?site=Rottnest_Island&nachal=2&level=3&place_code=10).
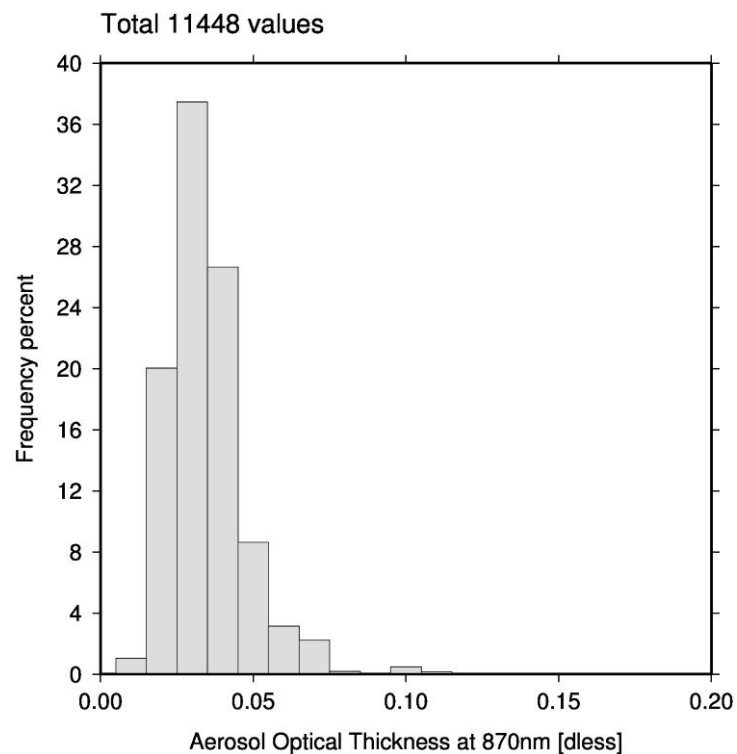
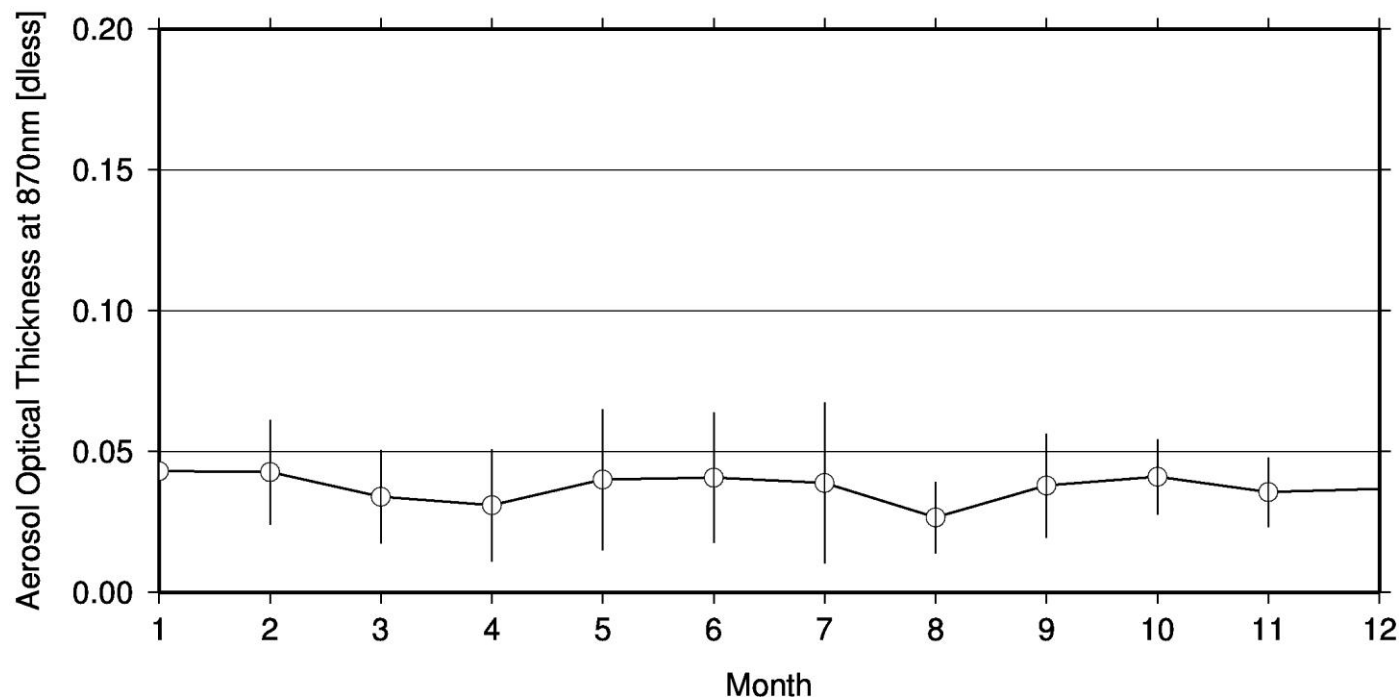Figure 1-11 Histogram of aerosol optical depth at 870 nm, from the data presented in Figure 1-10.

Figure 1-12 Climatological (average) monthly aerosol optical depth at 870 nm, from the data presented in Figure 1-10. Vertical bars indicate standard deviation.

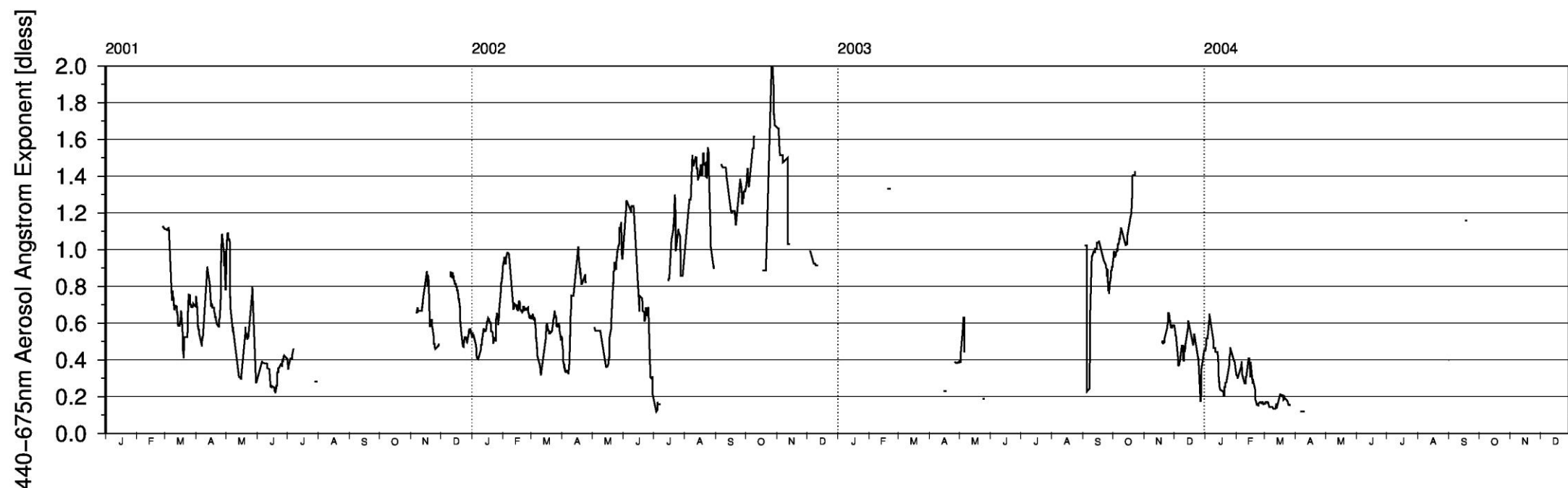## 1.5 Aerosol types (spectral dependence of aerosol scattering)

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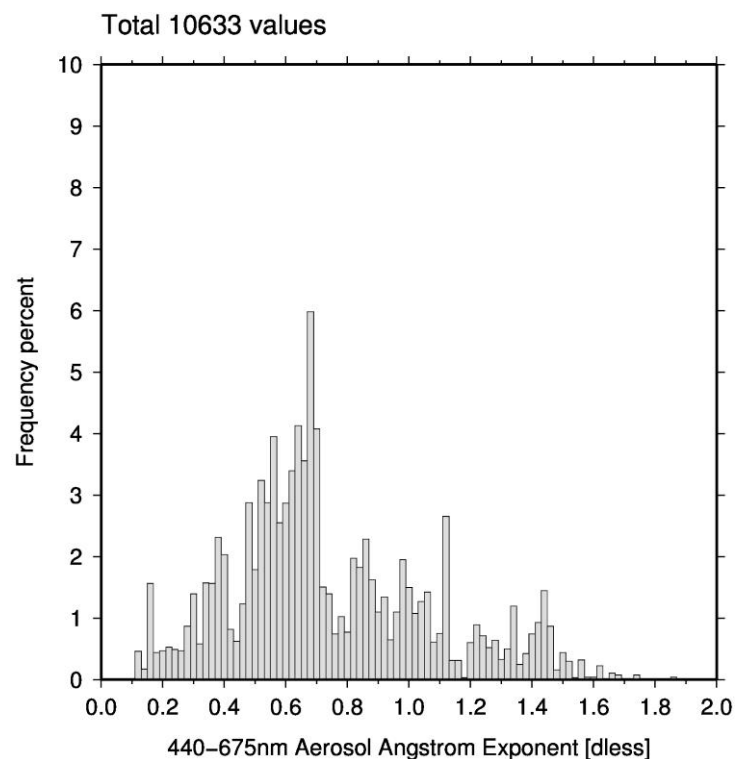
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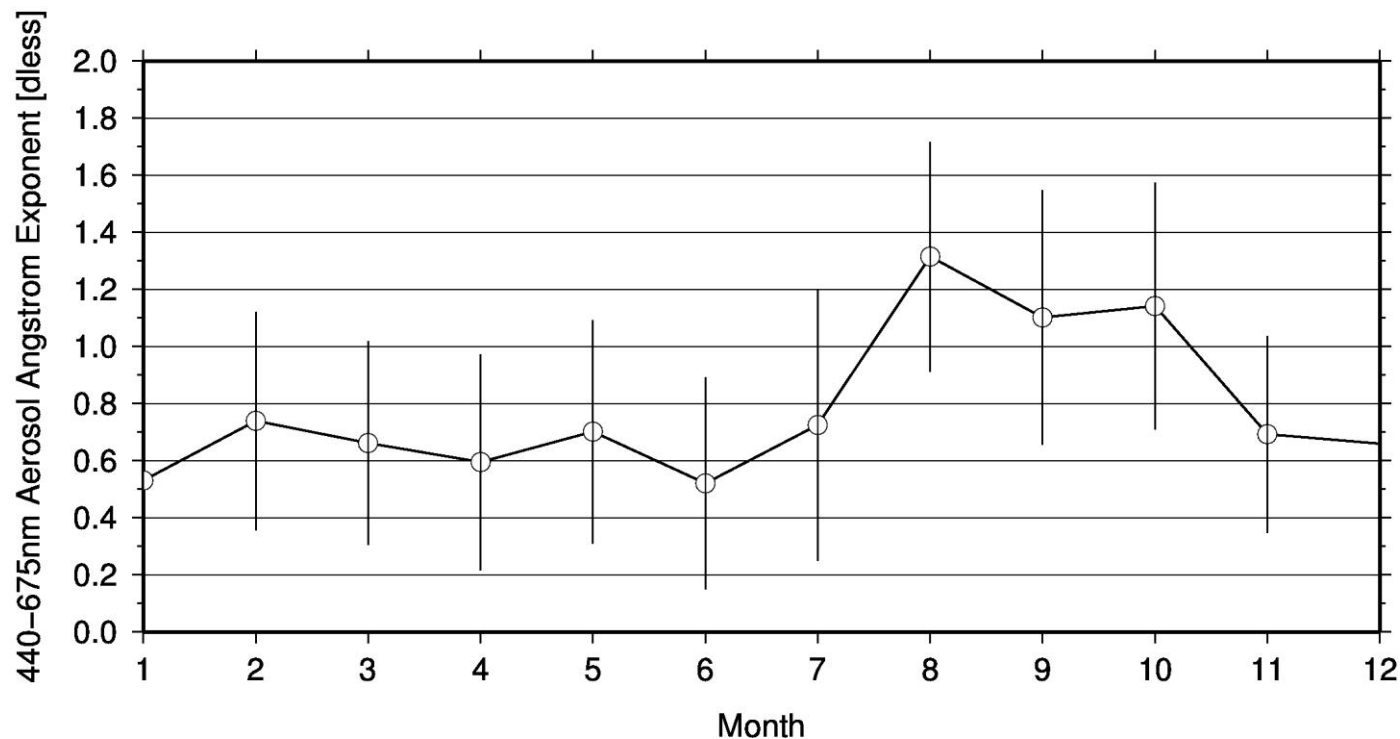
Figure 1-15 Climatological (average) monthly aerosol Angstrom exponent between 440 and 675 nm, from the data presented in Figure 1-13. Vertical bars indicate standard deviation.

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