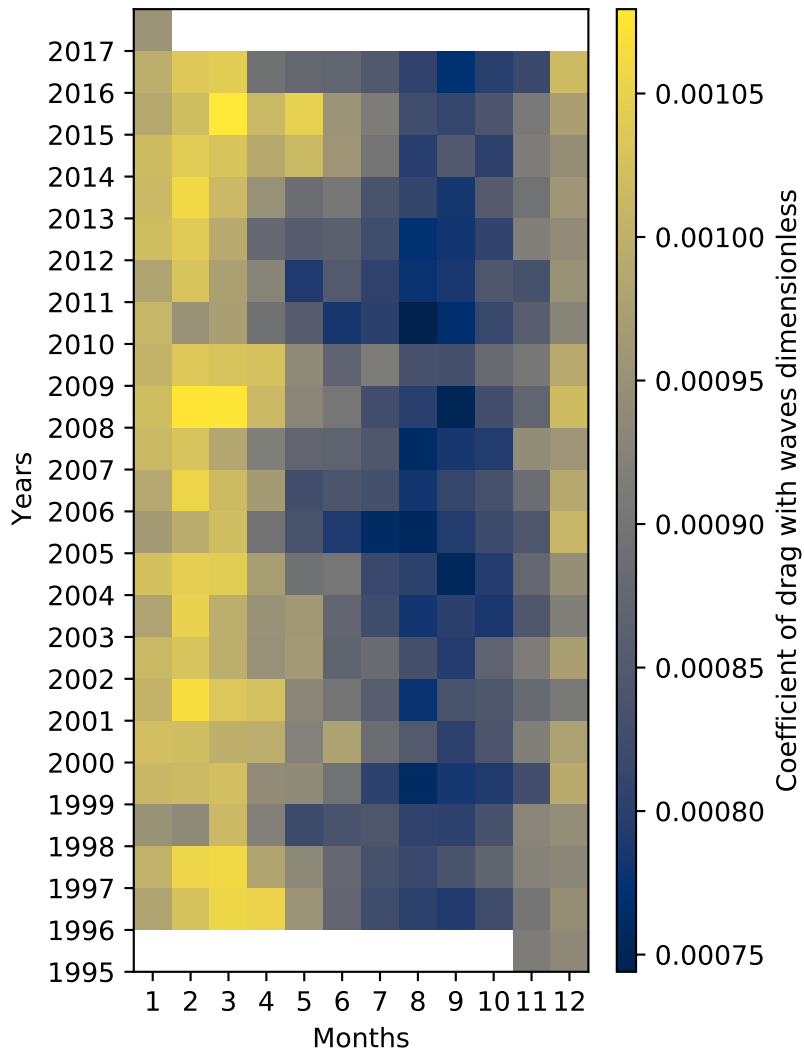
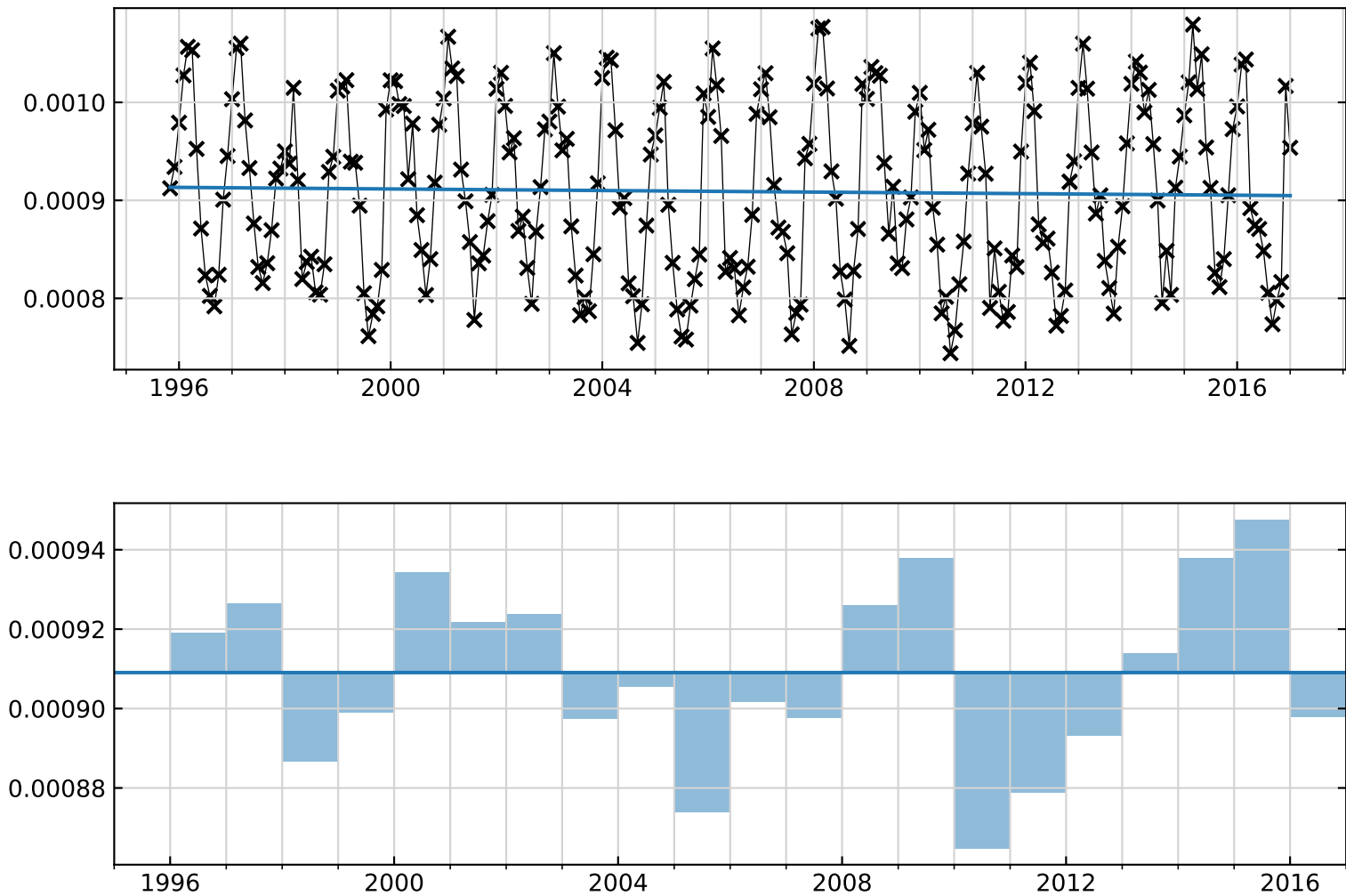


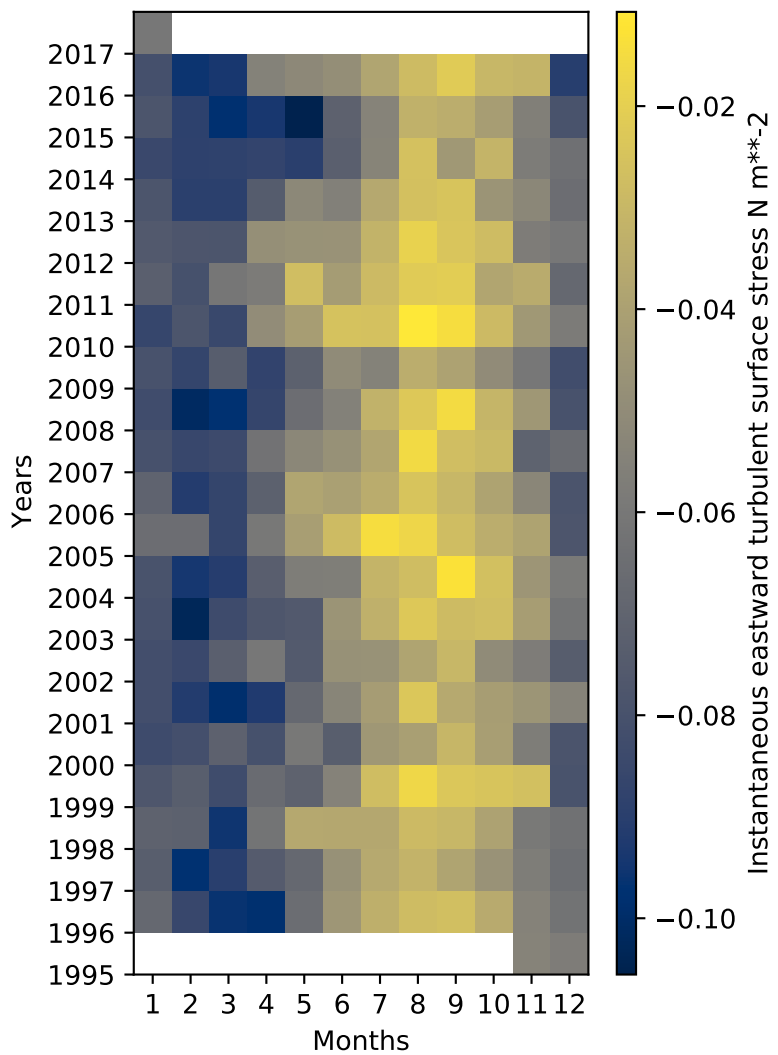
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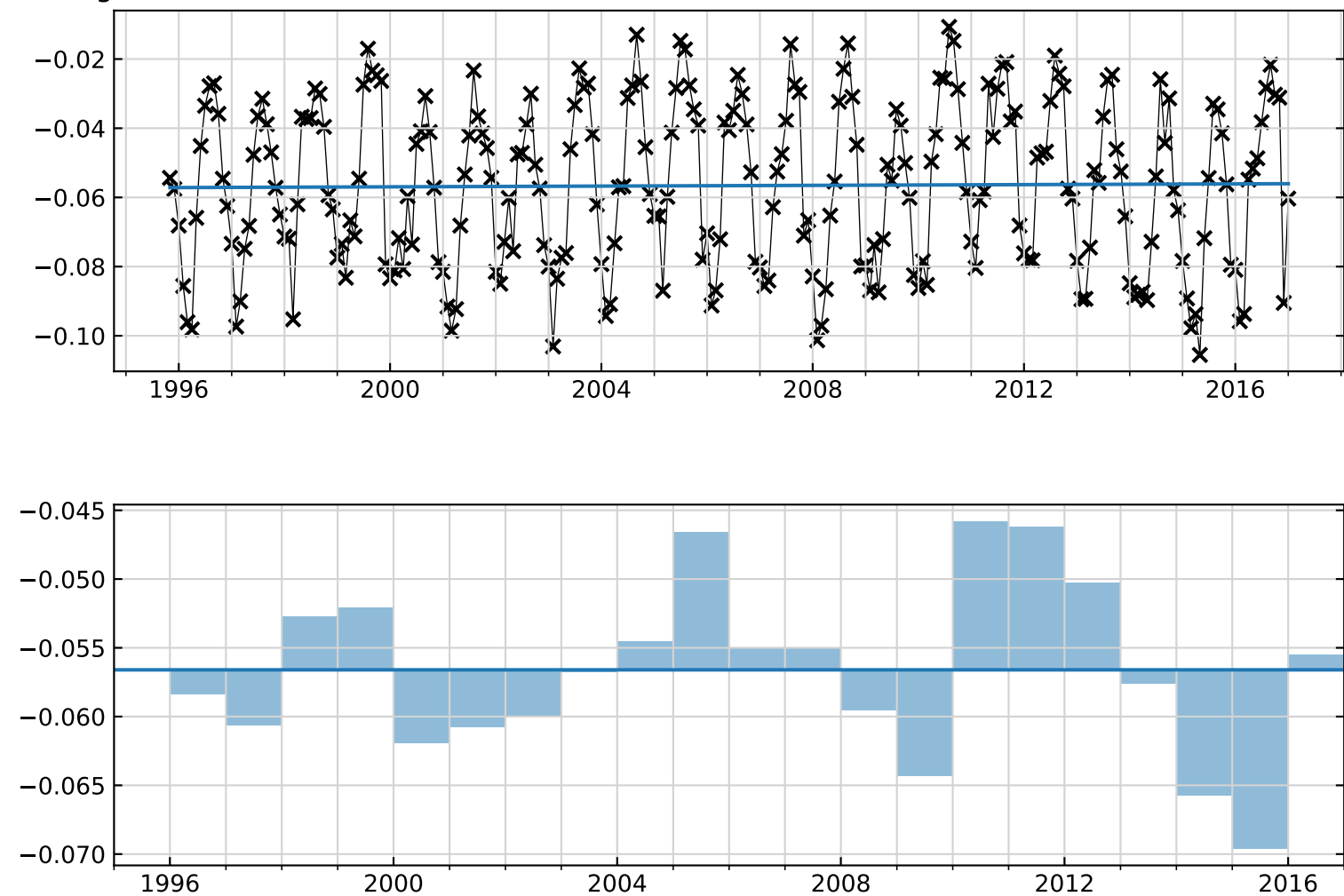
Long name: Coefficient of drag with waves, Source: ERA5, Subset: waves



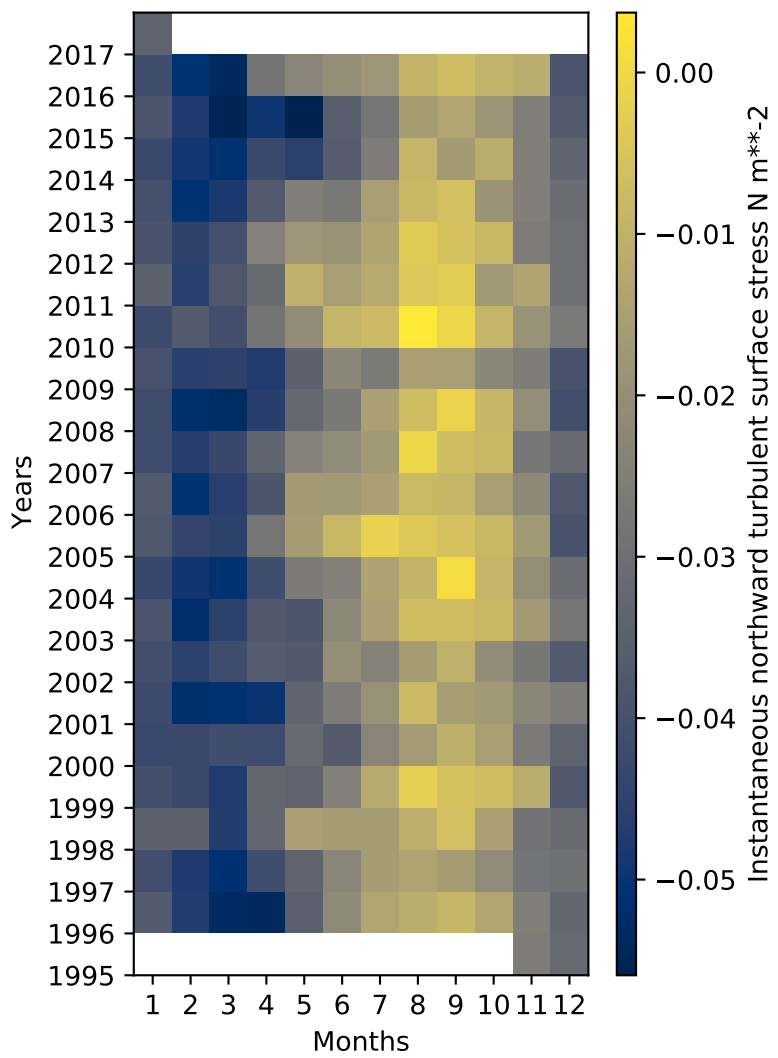
IEWS



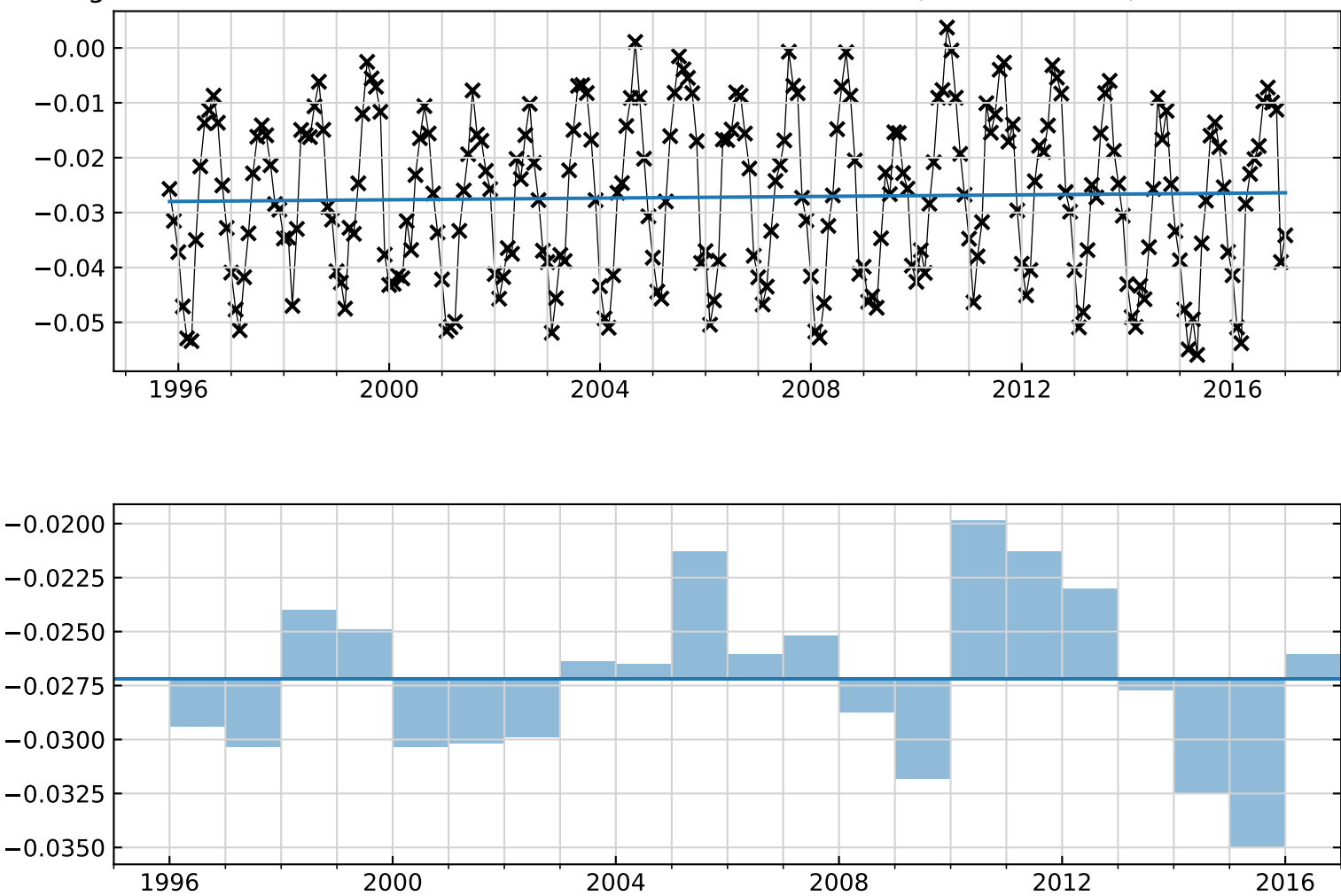
Long name: Instantaneous eastward turbulent surface stress, Source: ERA5, Subset: wind str



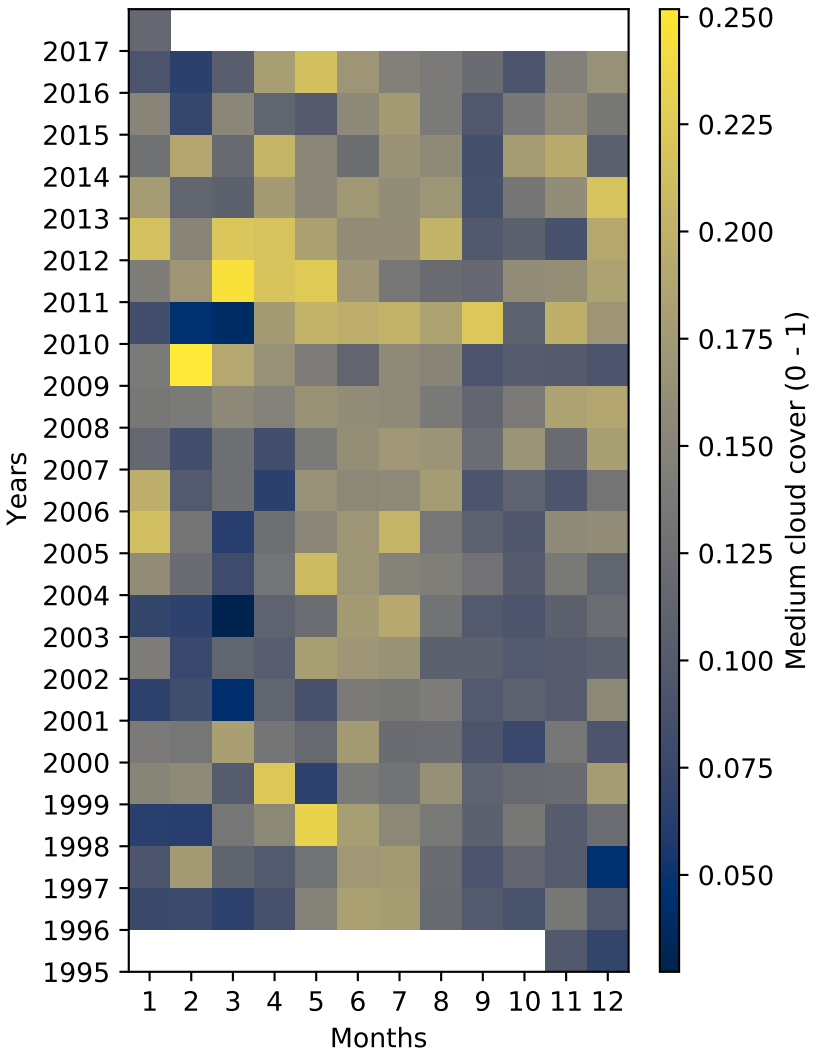
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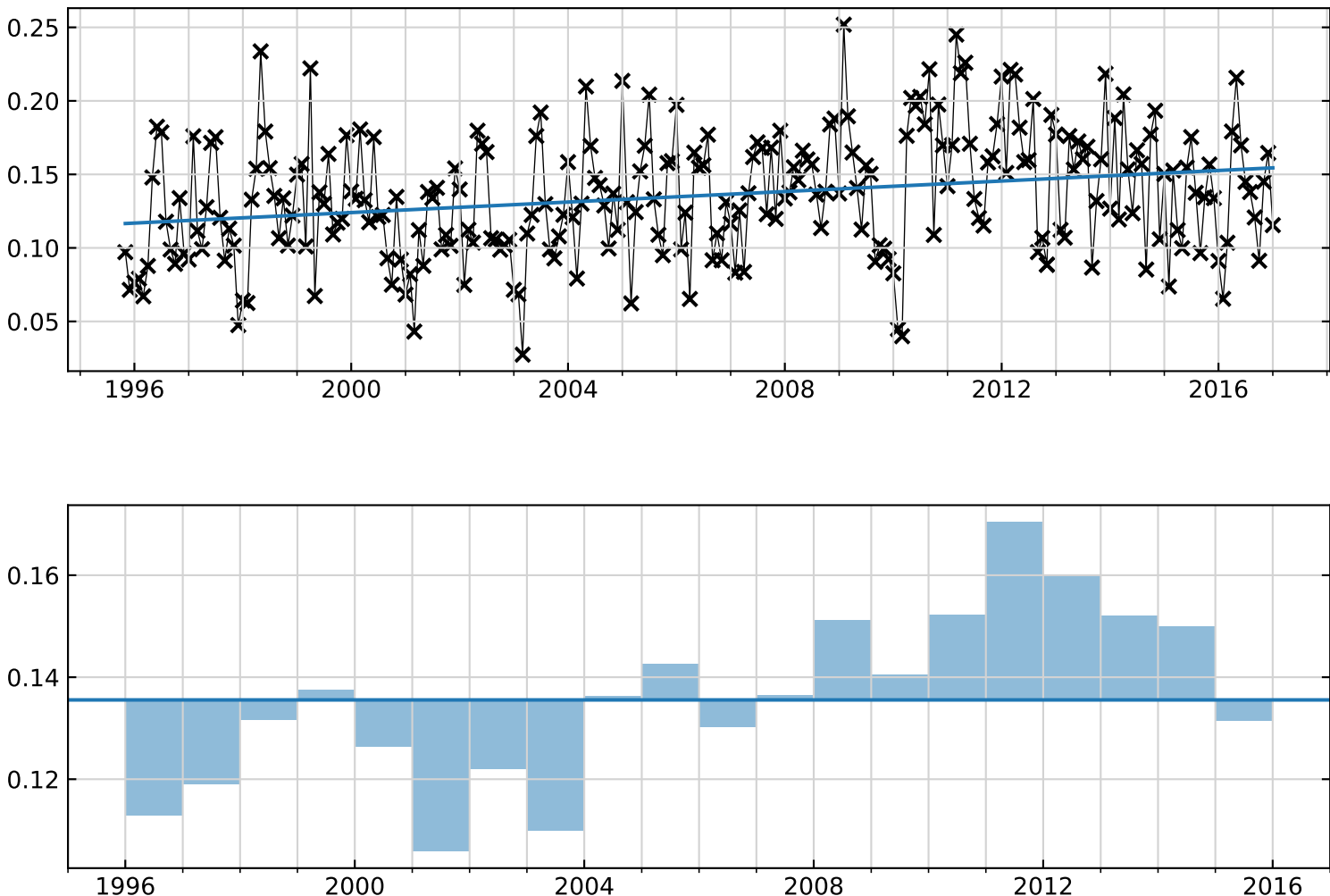
Long name: Instantaneous northward turbulent surface stress, Source: ERA5, Subset: wind st



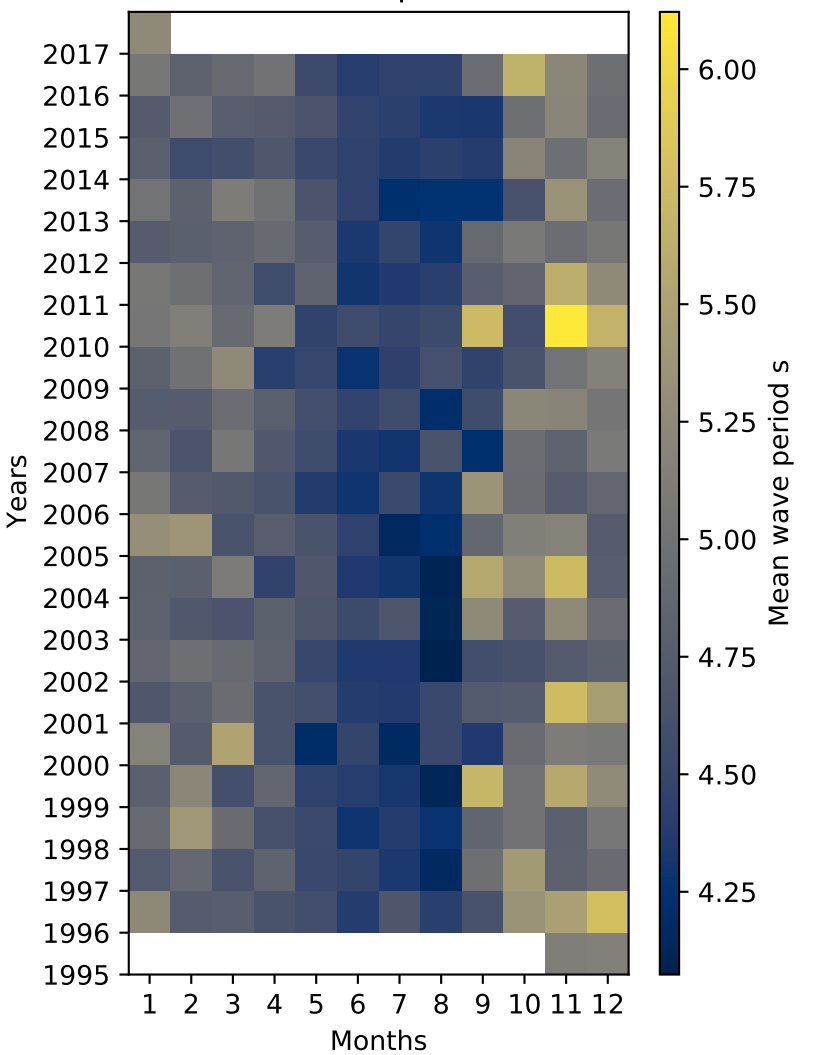
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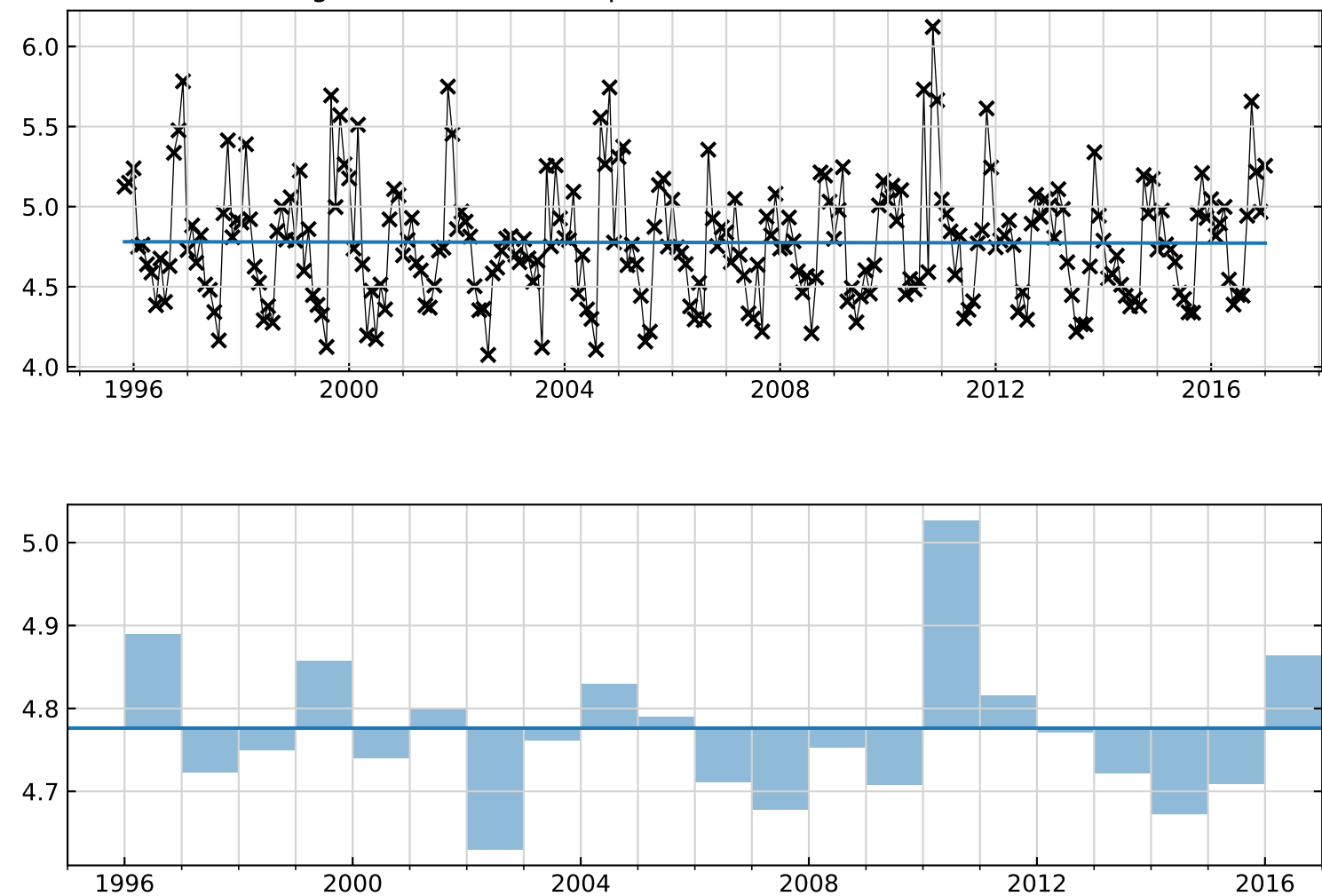
Long name: Medium cloud cover, Source: ERA5, Subset: radiation



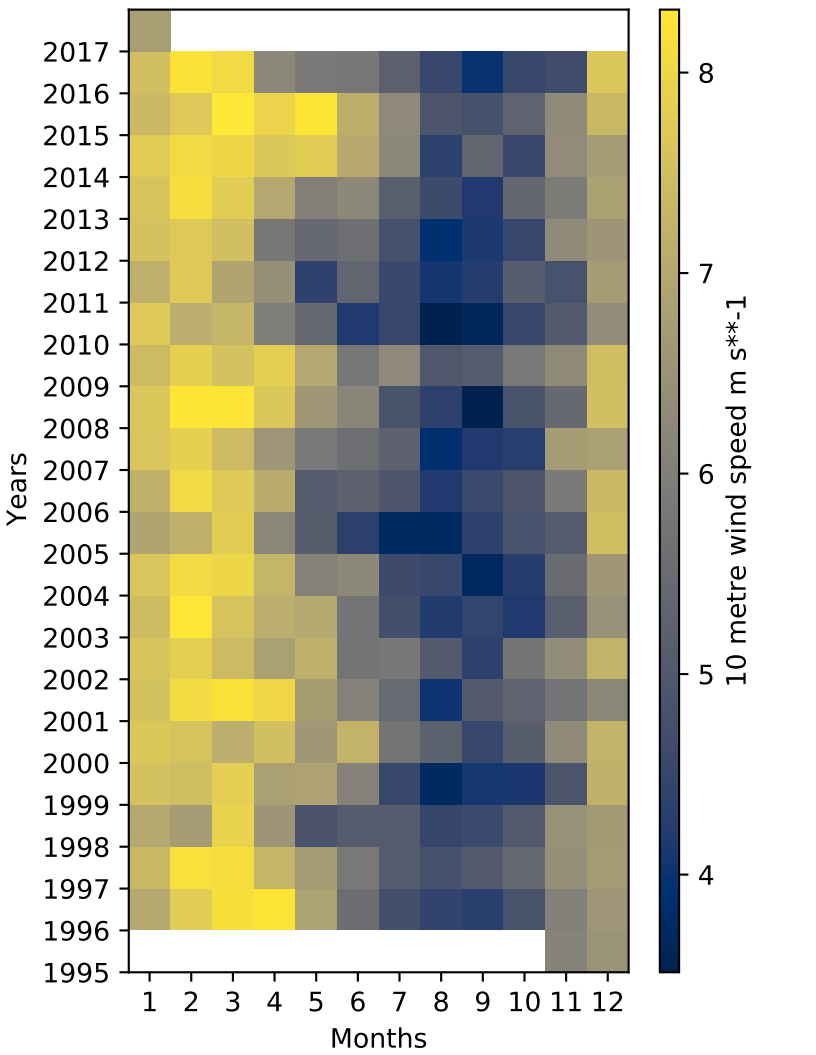
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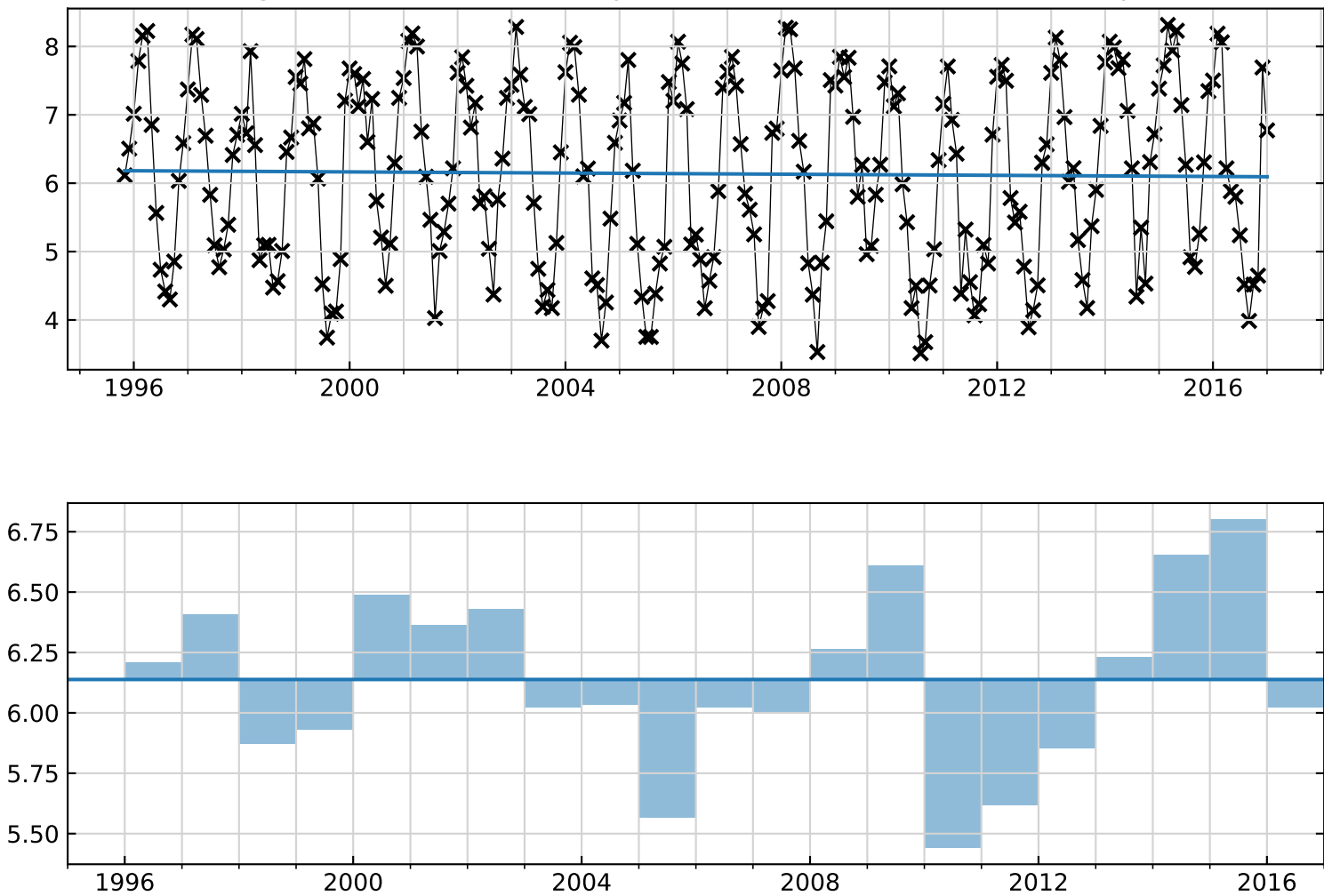
Long name: Mean wave period, Source: ERA5, Subset: waves



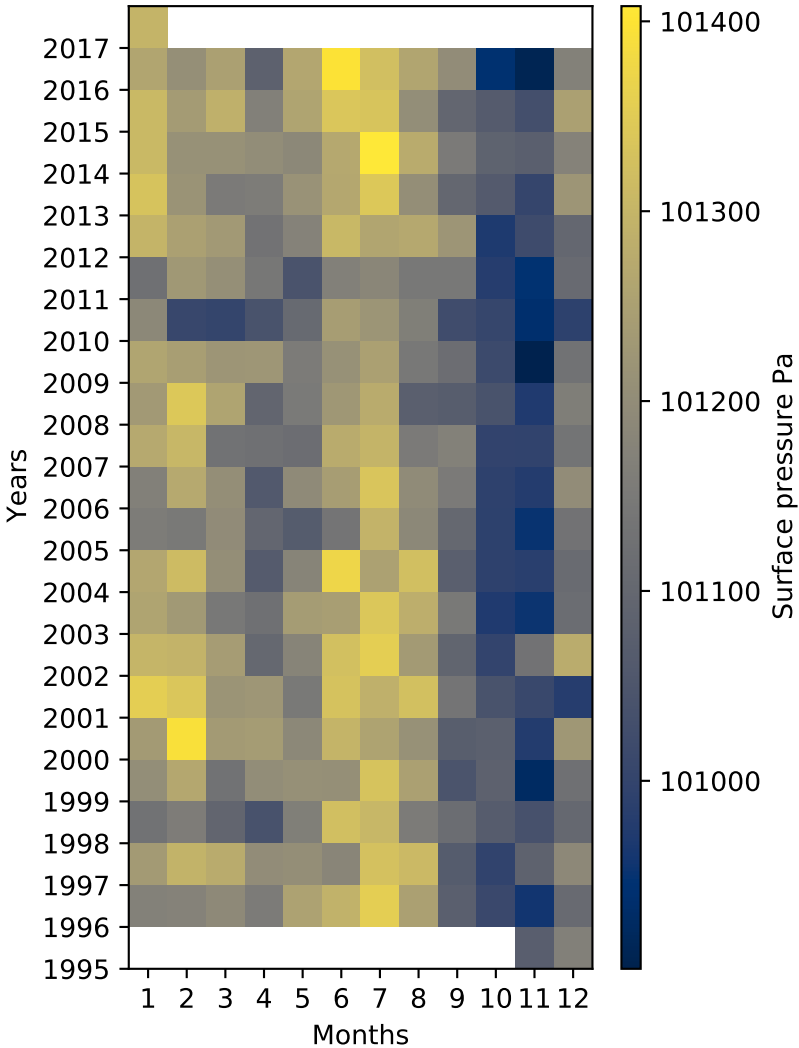
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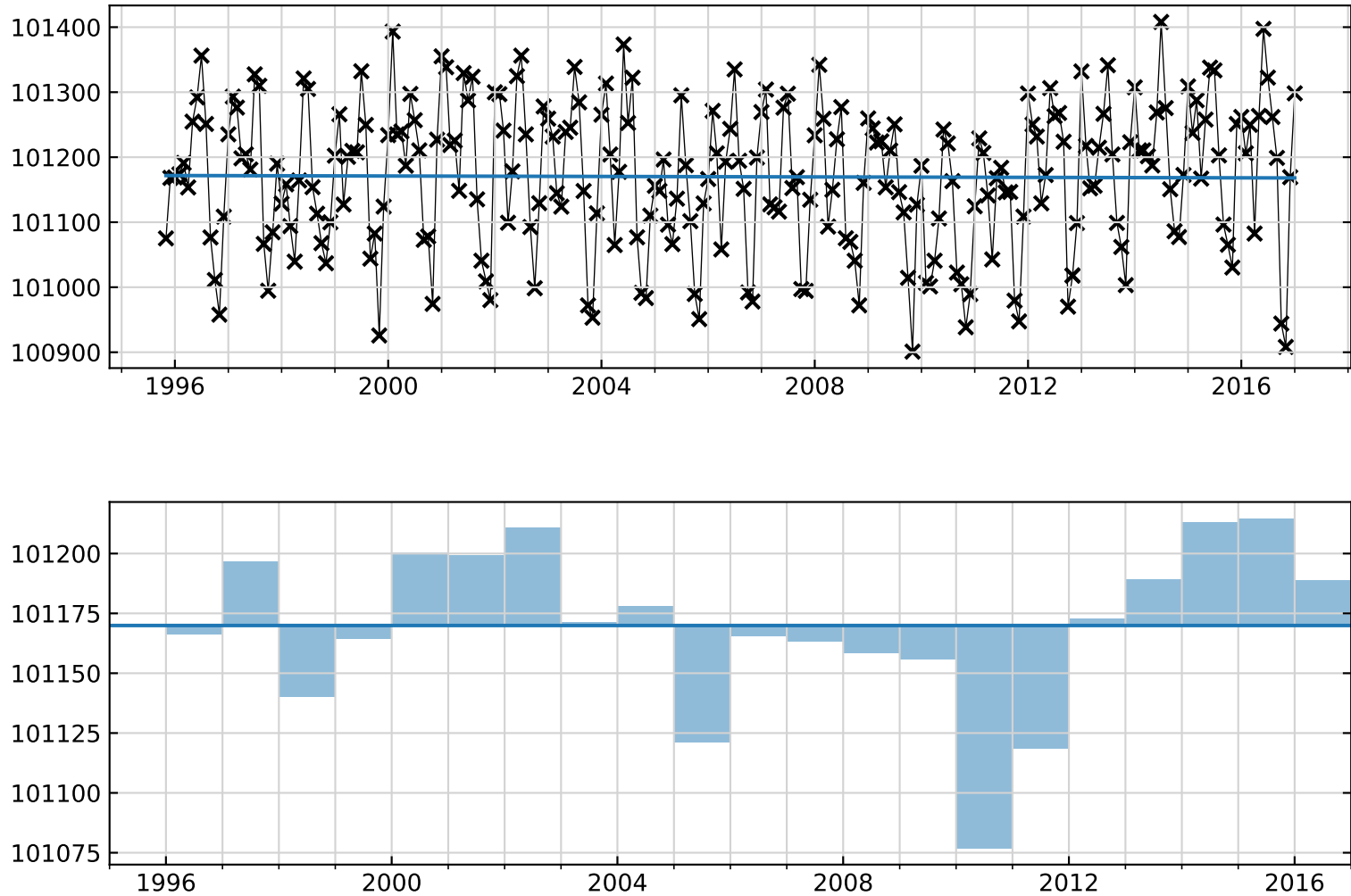
Long name: 10 metre wind speed, Source: ERA5, Subset: wind speed



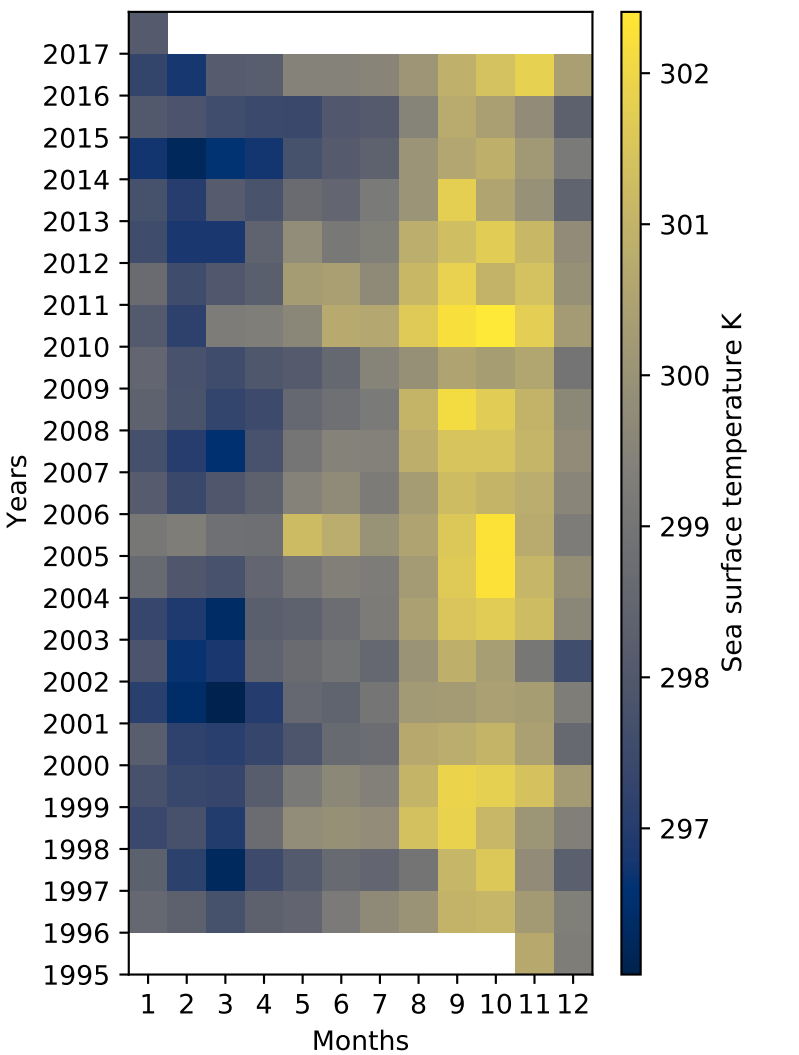
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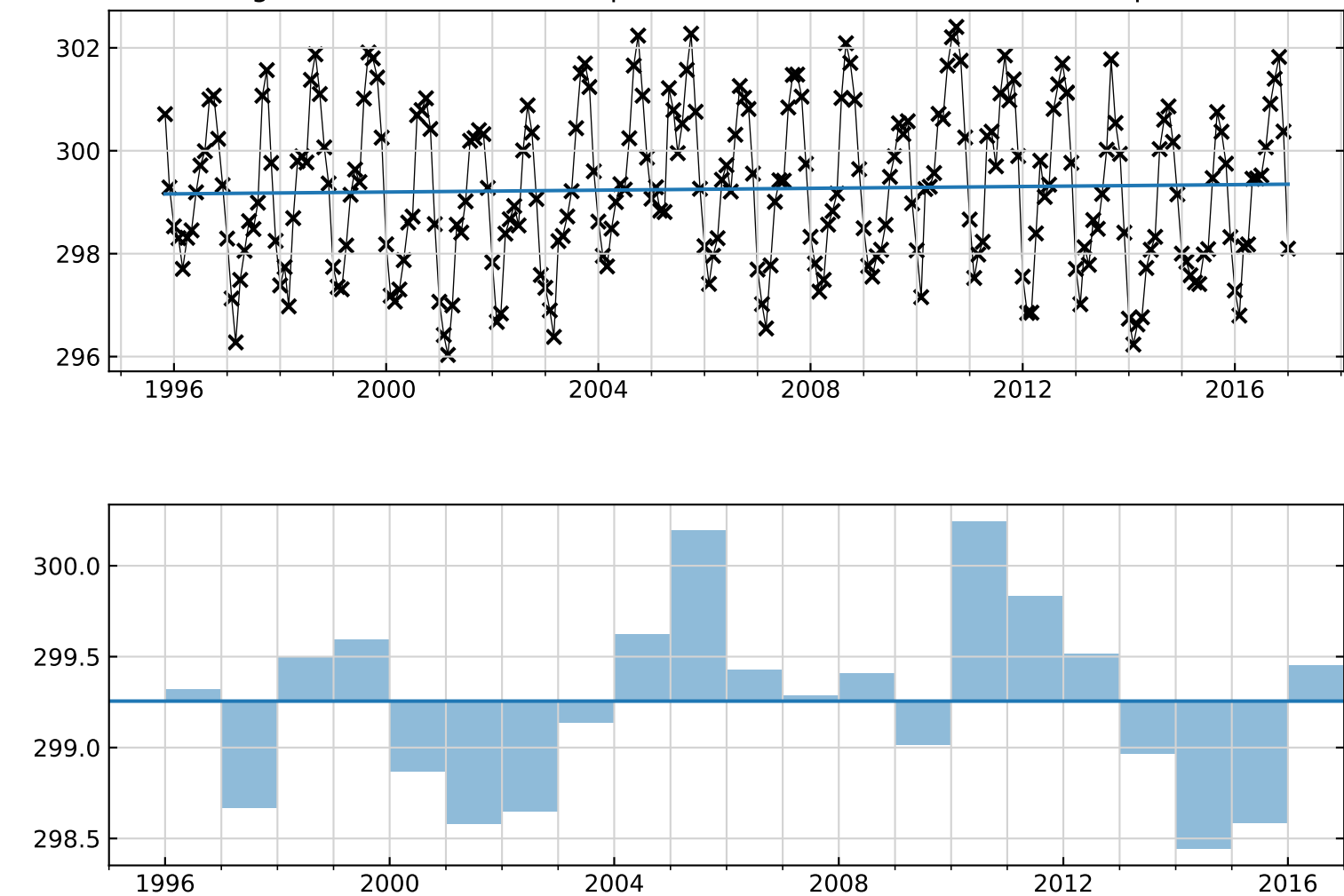
Long name: Surface pressure, Source: ERA5, Subset: misc



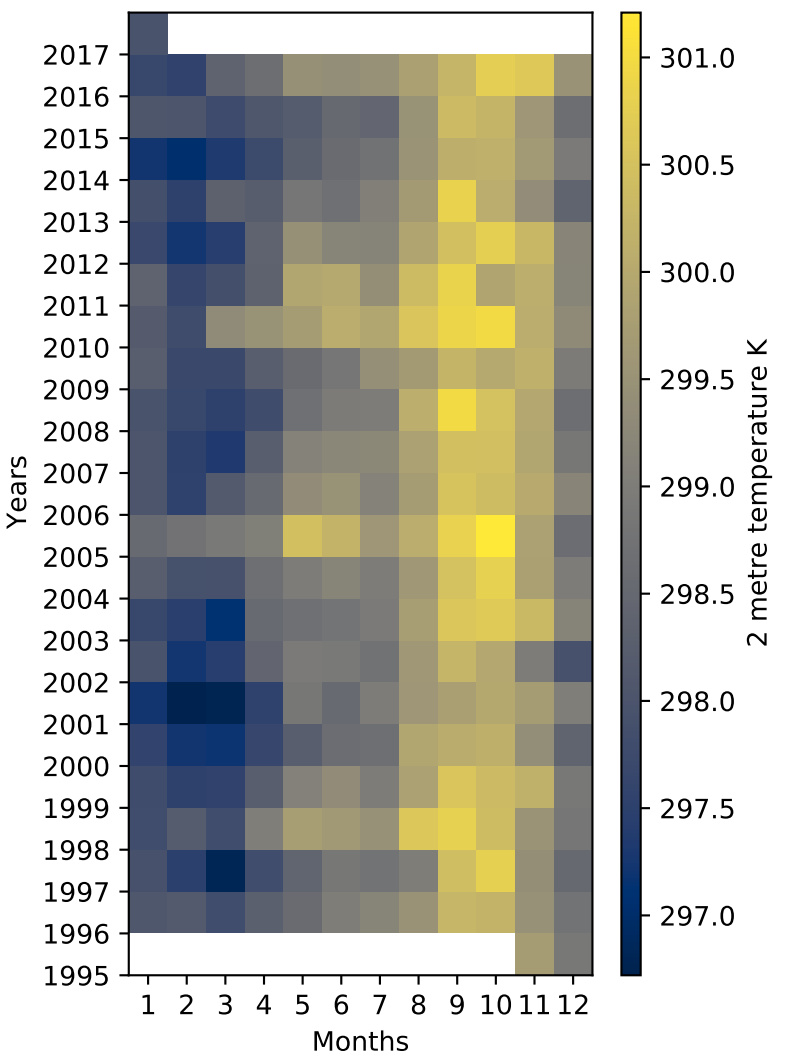
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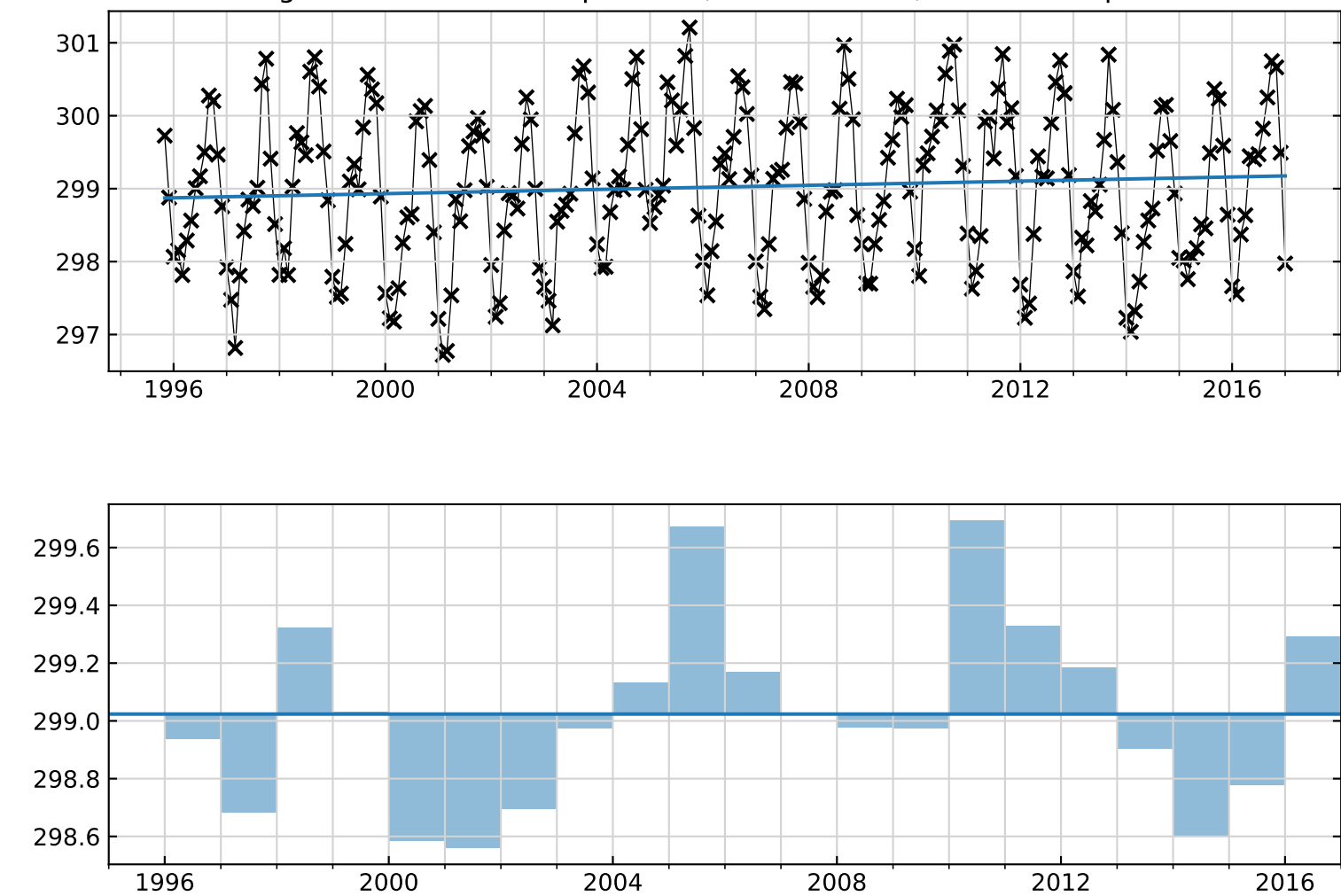
Long name: Sea surface temperature, Source: ERA5, Subset: temperature



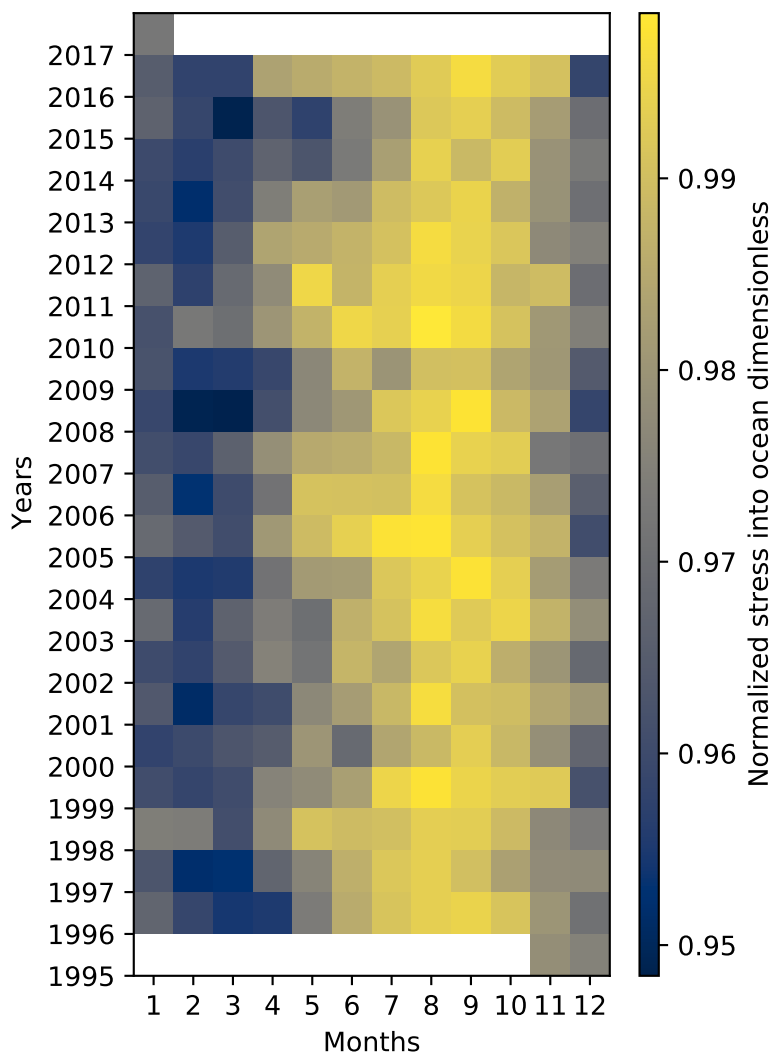
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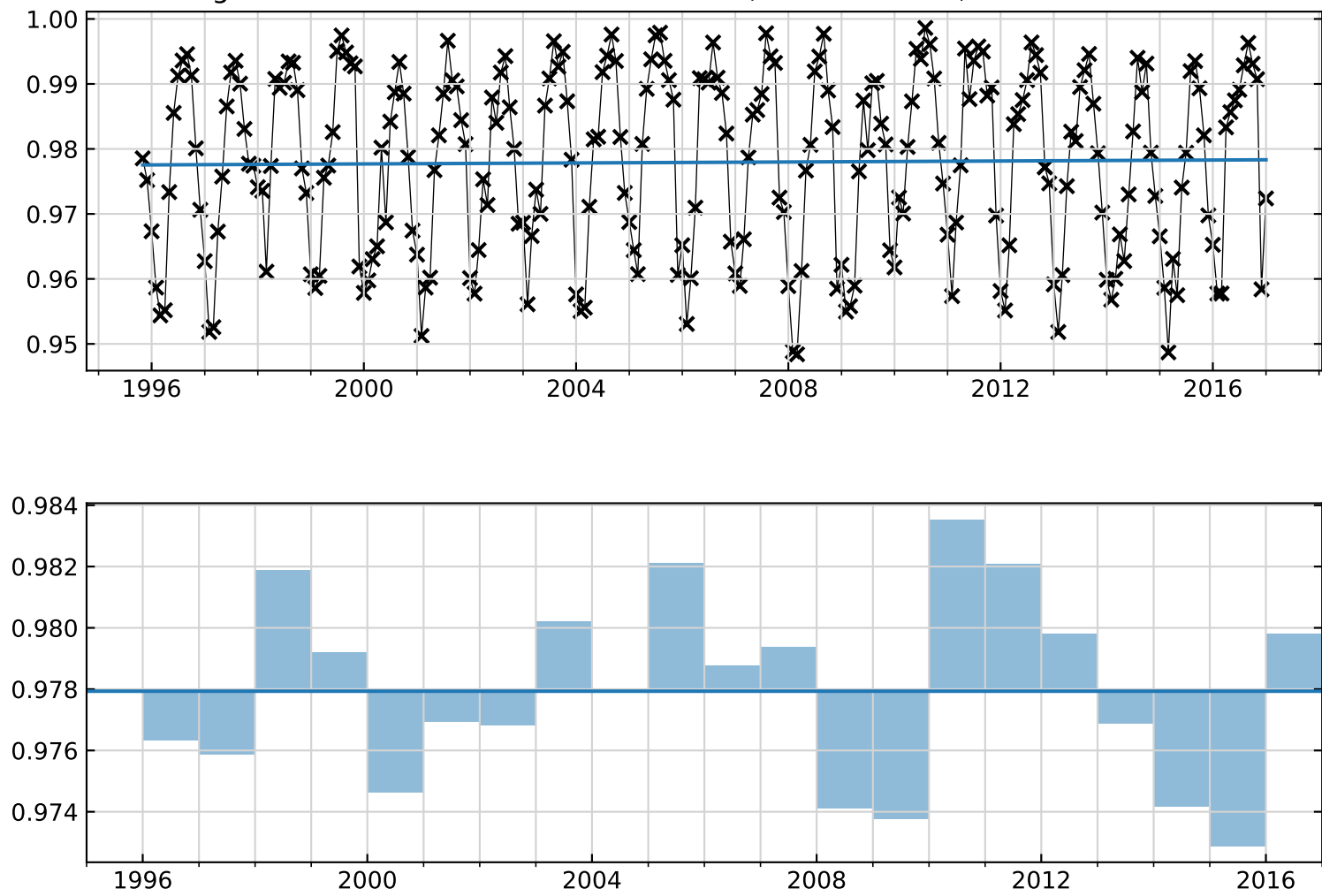
Long name: 2 metre temperature, Source: ERA5, Subset: temperature



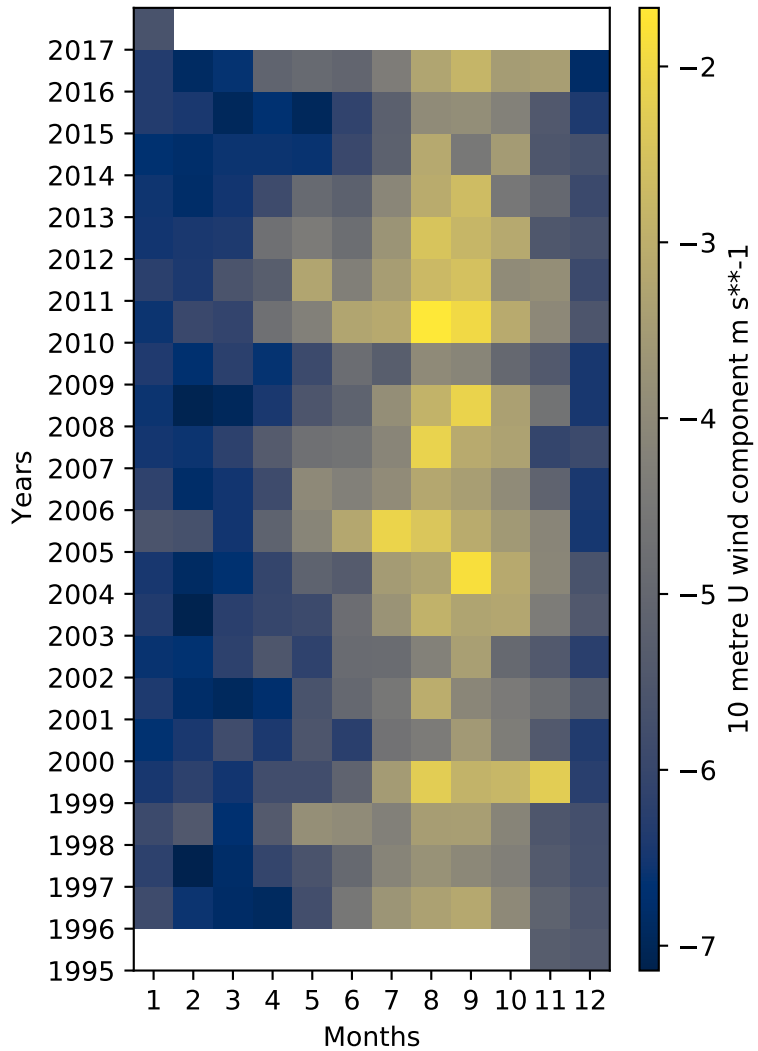
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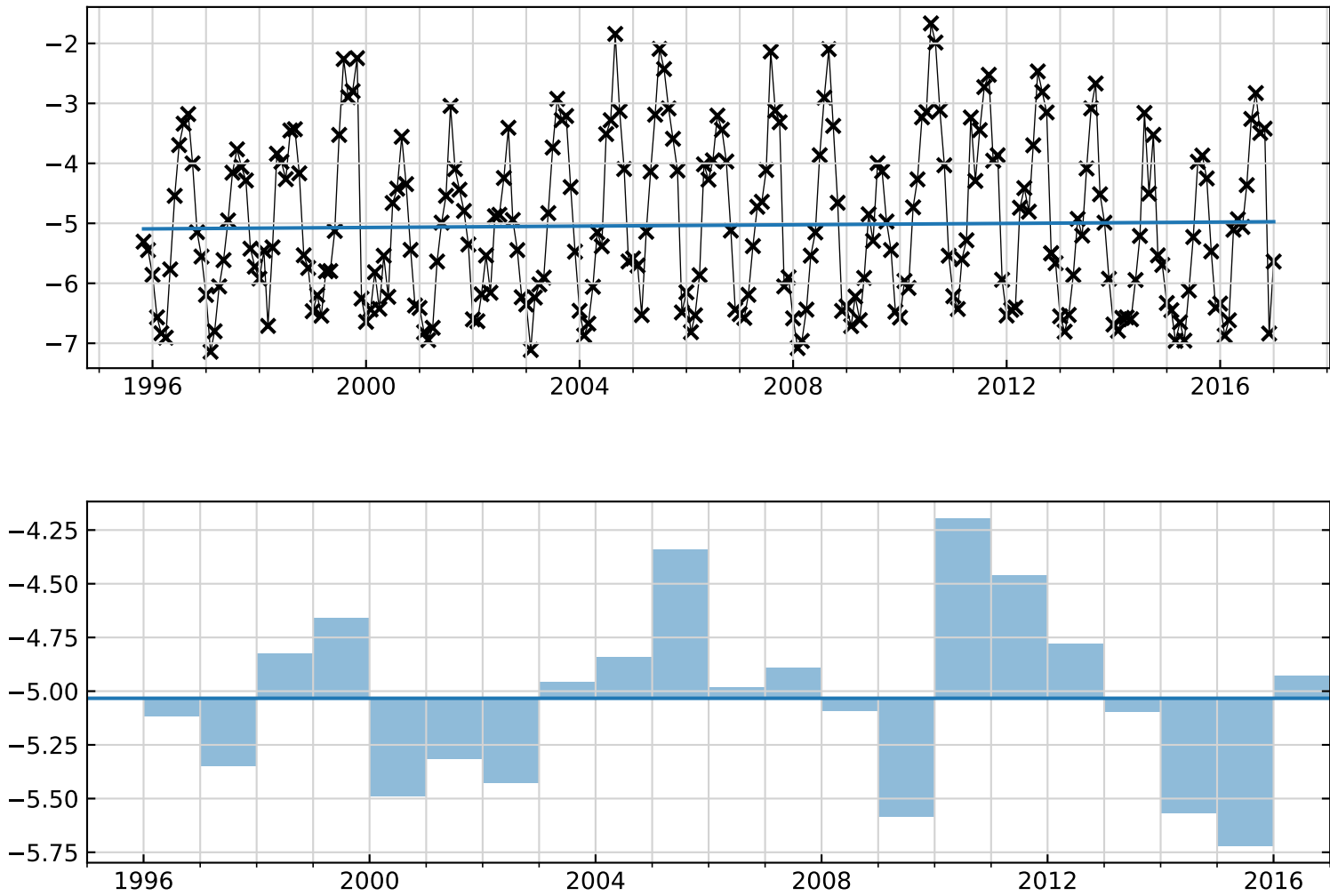
Long name: Normalized stress into ocean, Source: ERA5, Subset: wind stress



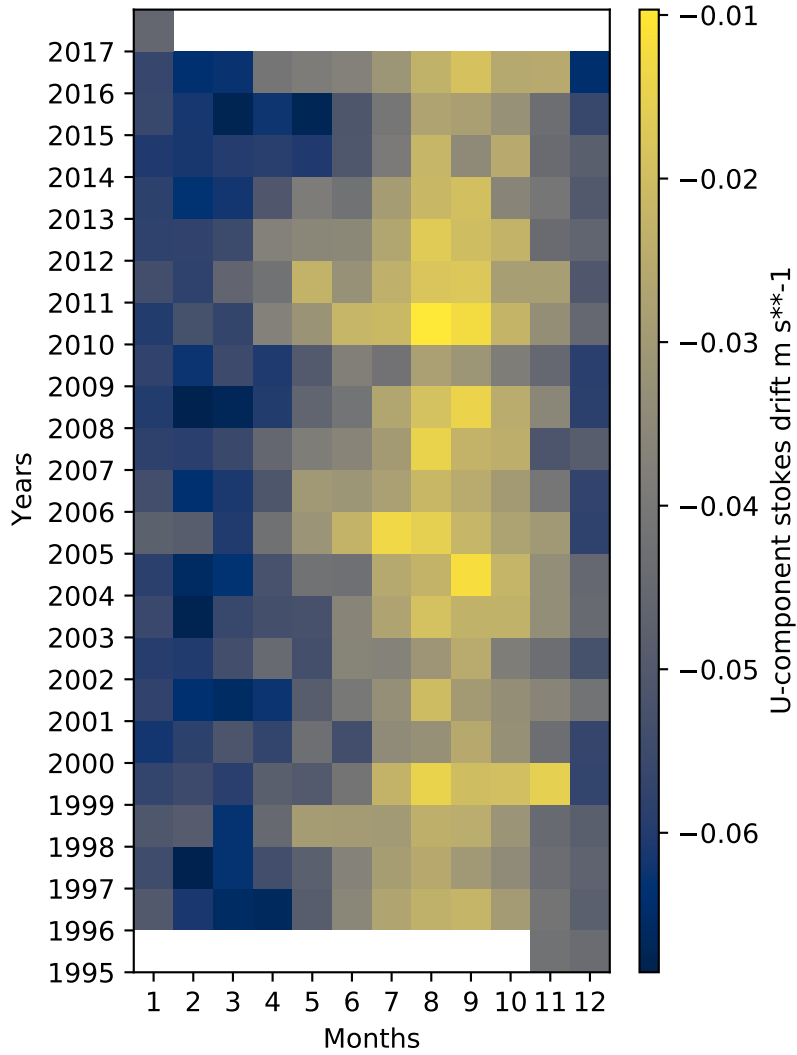
u10



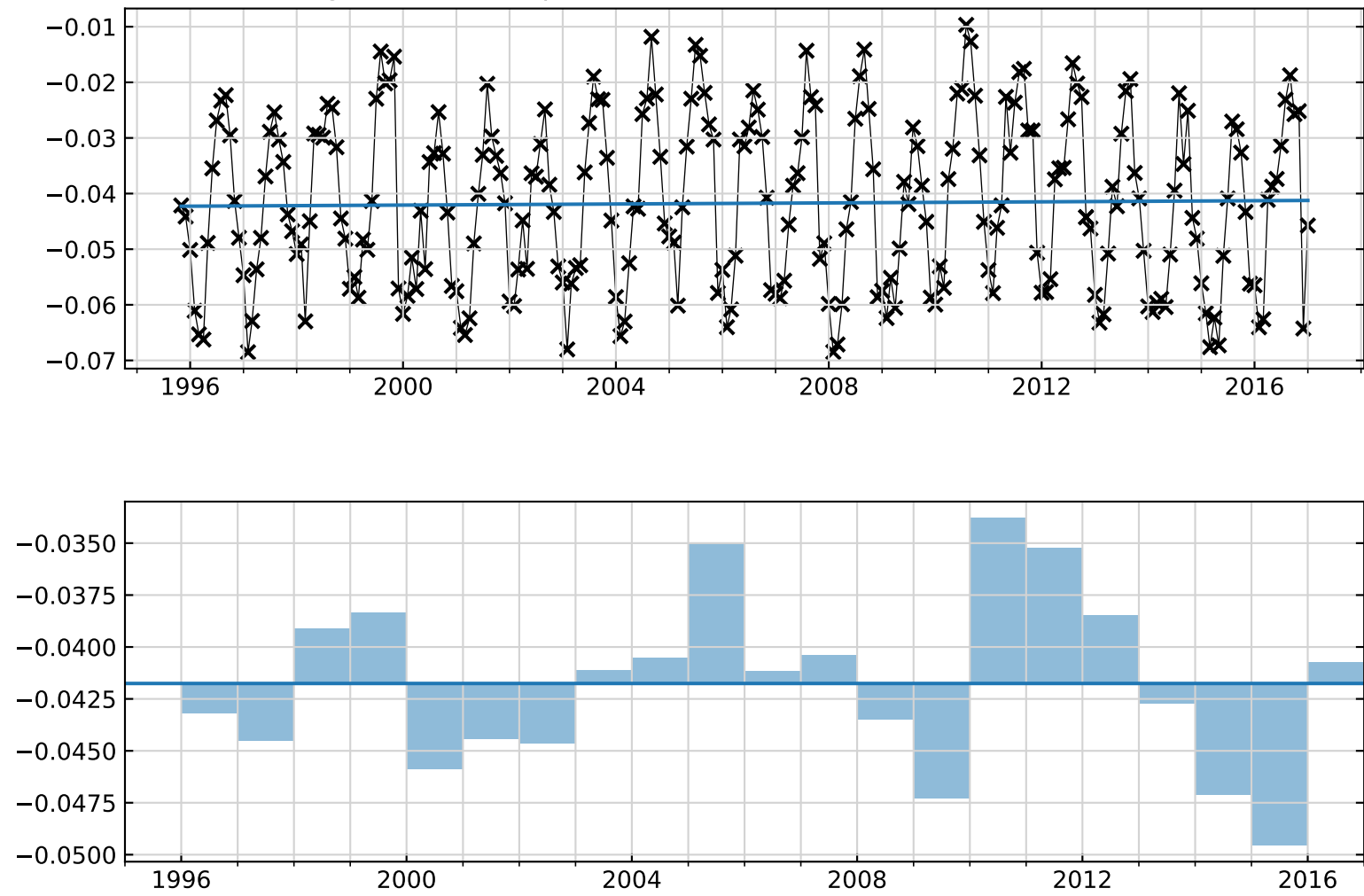
Long name: 10 metre U wind component, Source: ERA5, Subset: wind speed



ust

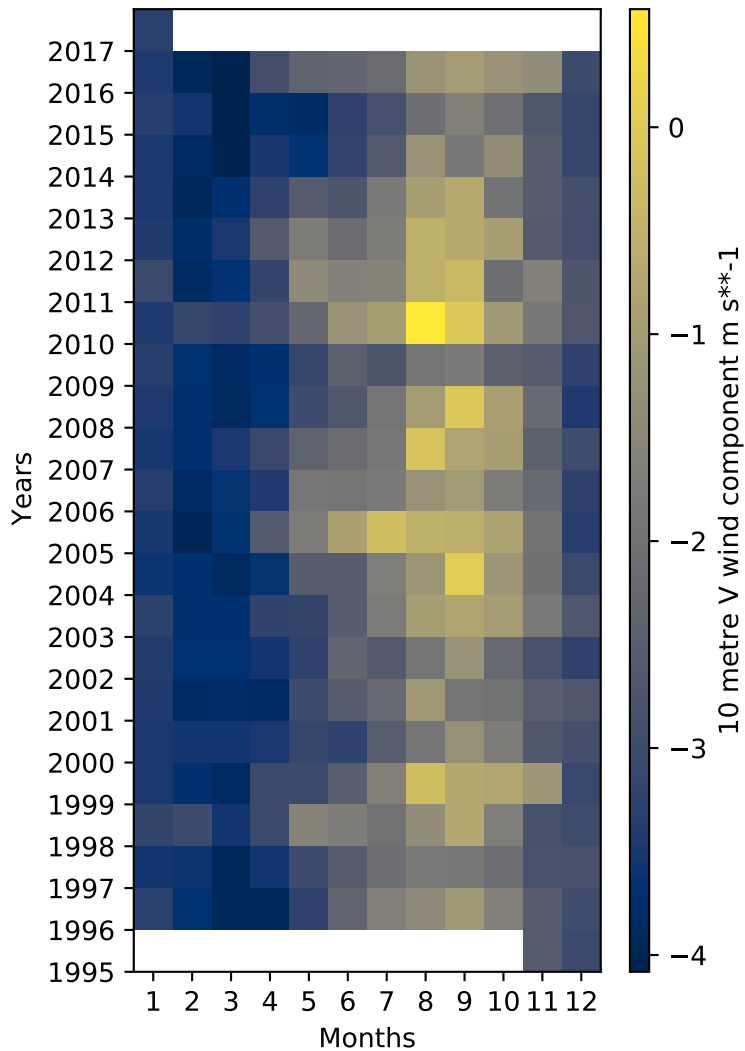


Long name: U-component stokes drift, Source: ERA5, Subset: misc

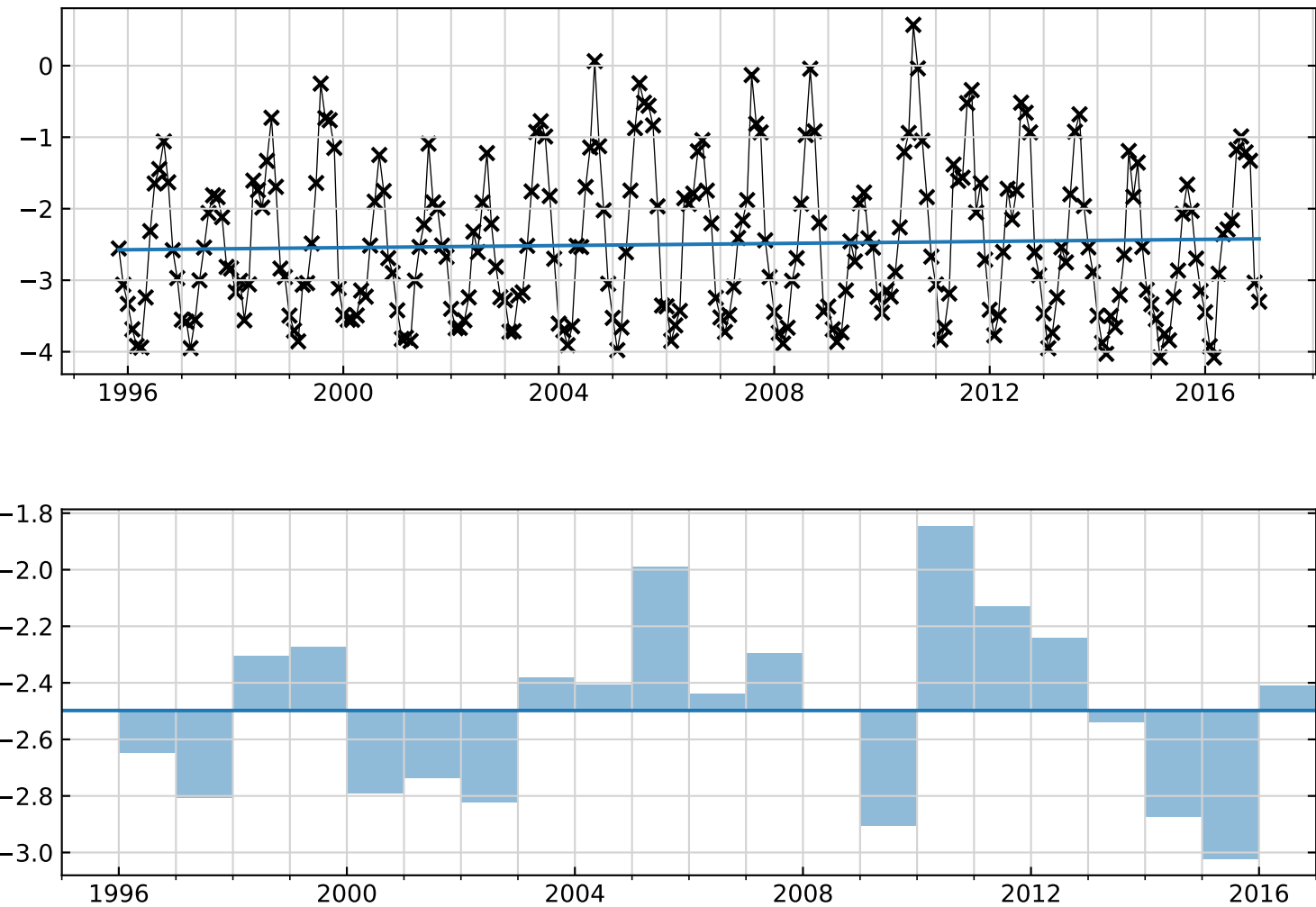




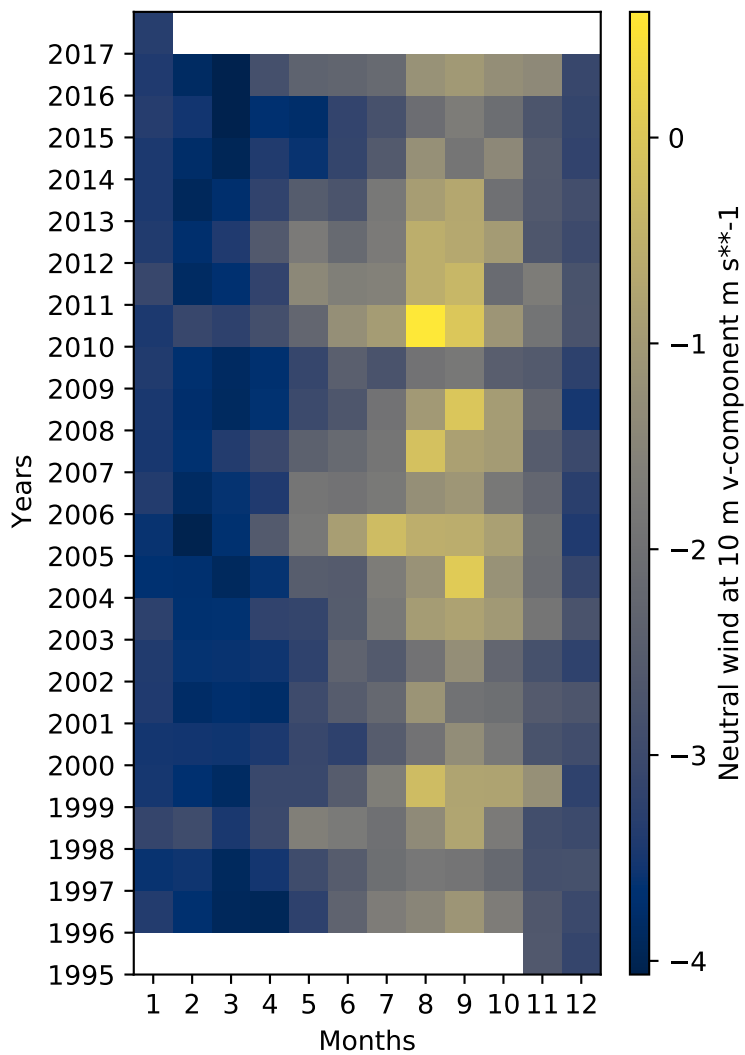
v10



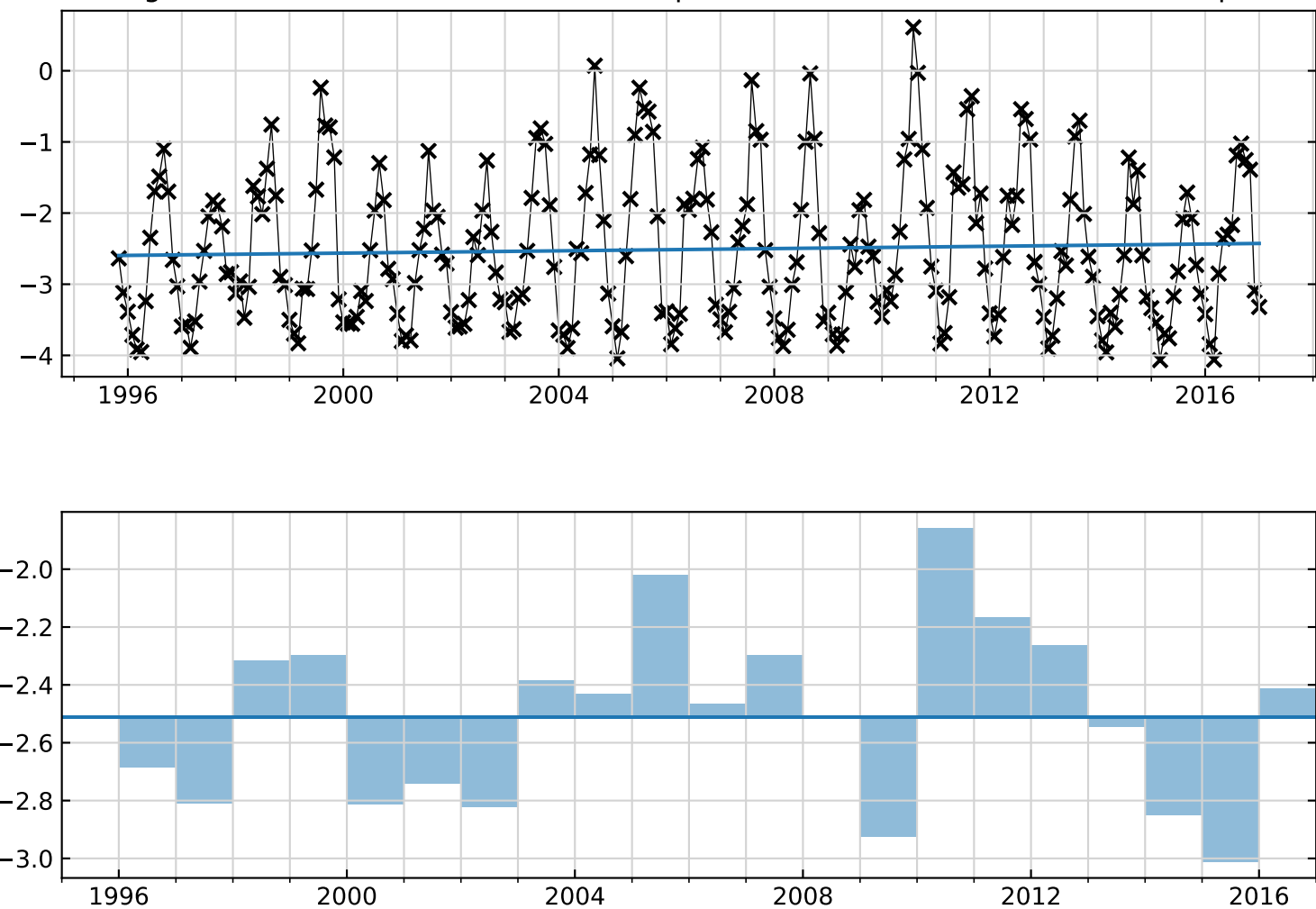
Long name: 10 metre V wind component, Source: ERA5, Subset: wind speed



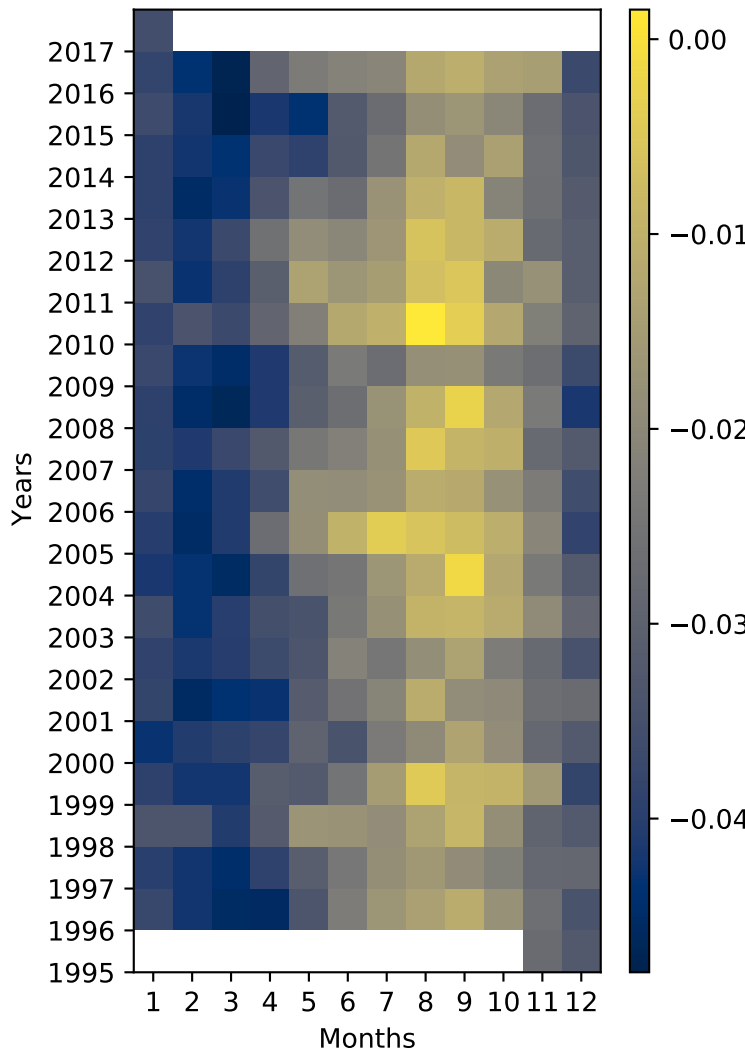
v10n



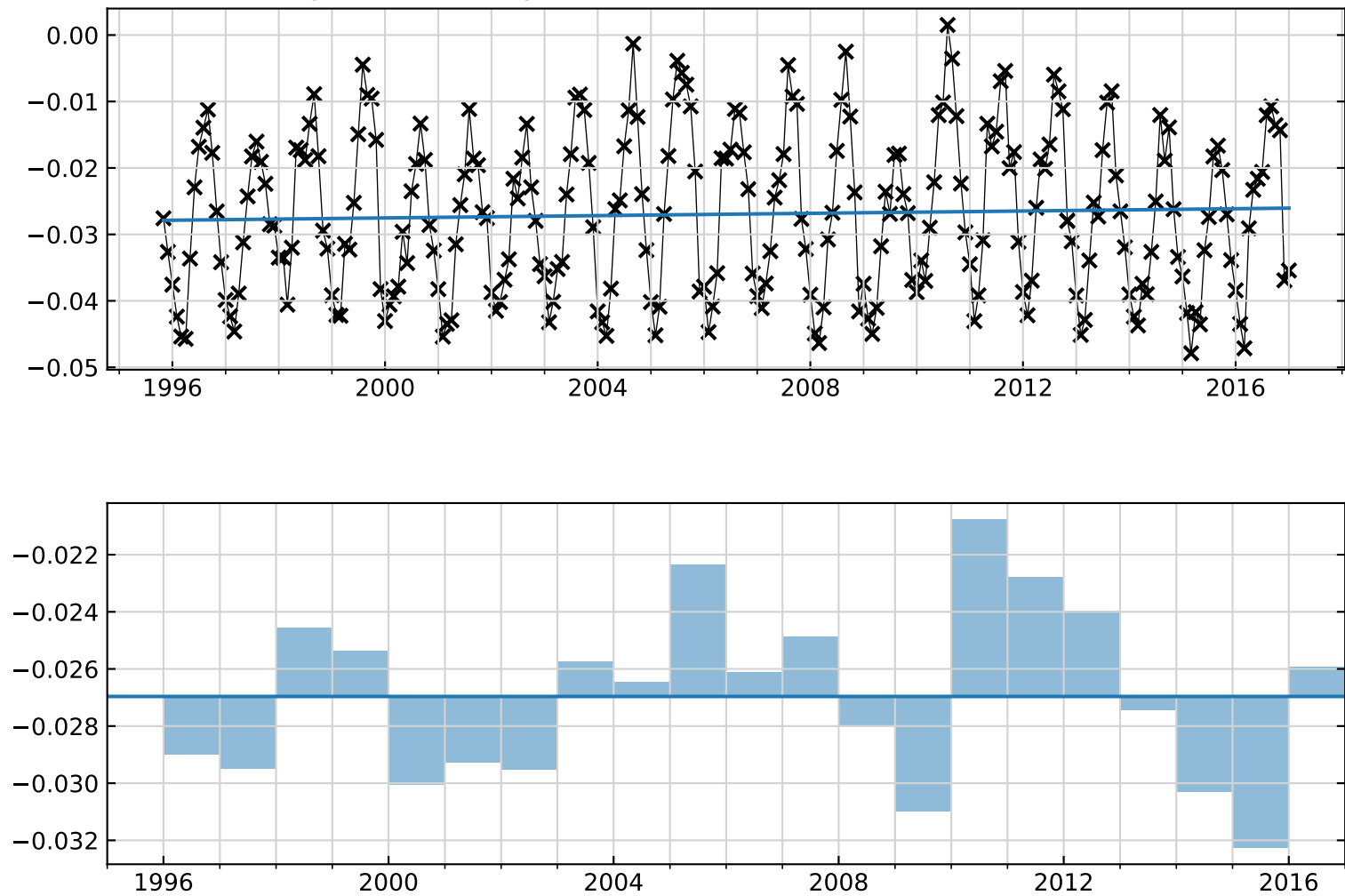
Long name: Neutral wind at 10 m v-component, Source: ERA5, Subset: wind speed



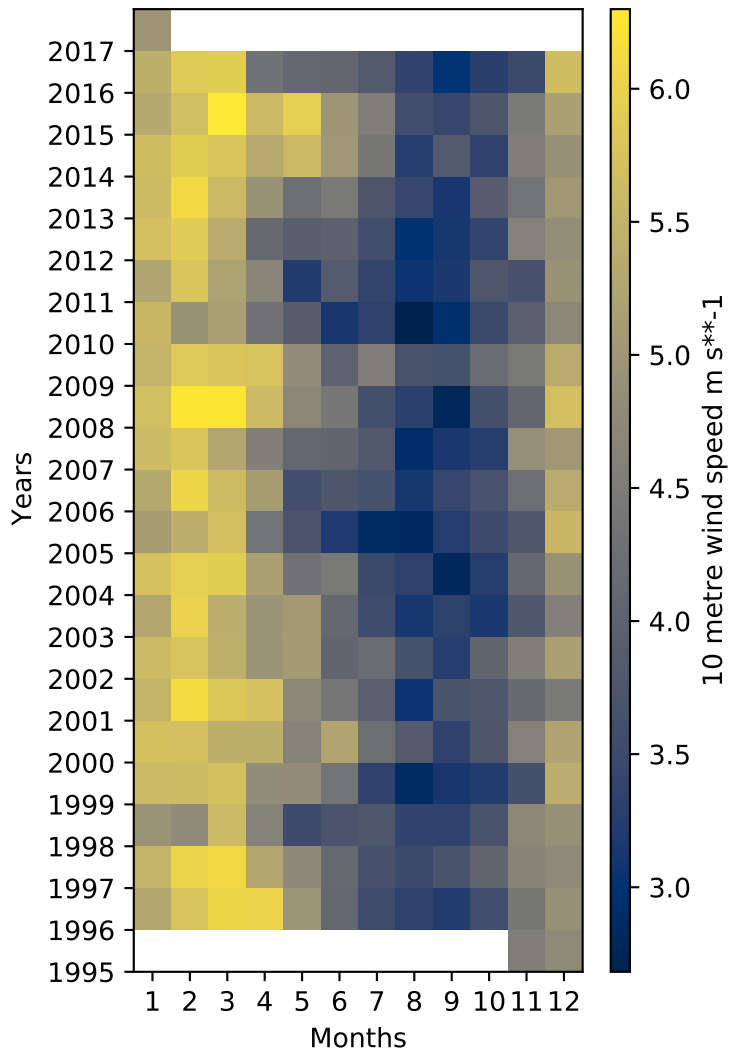
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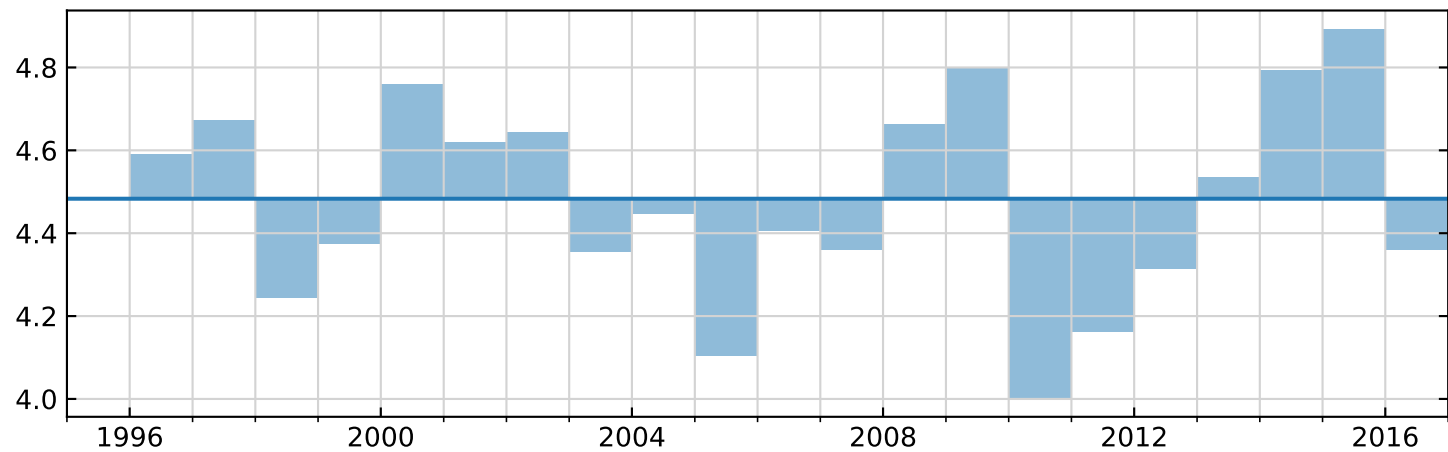
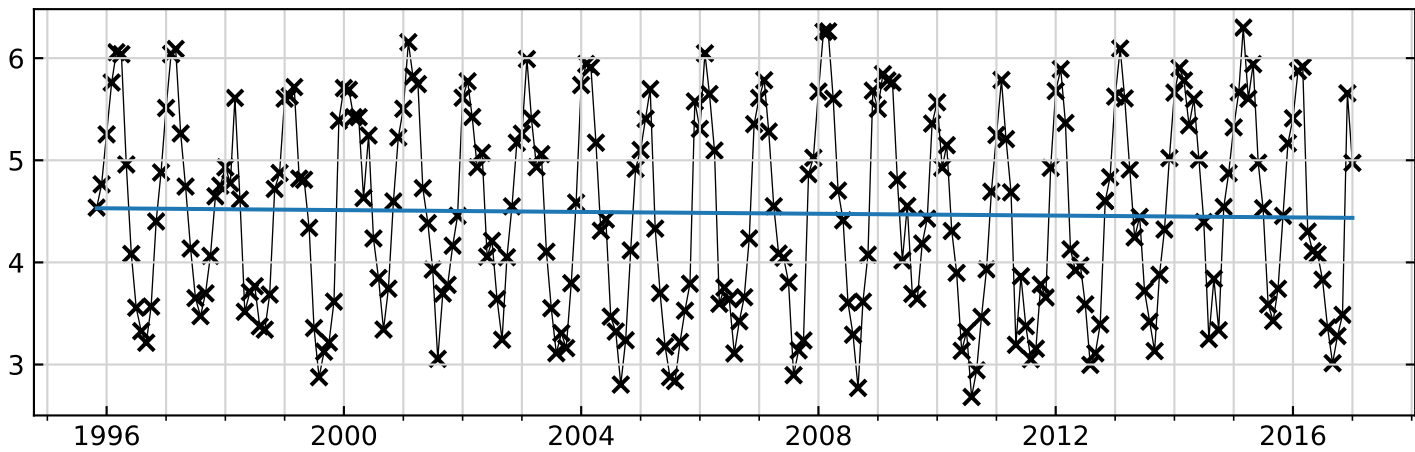
Long name: V-component stokes drift, Source: ERA5, Subset: misc



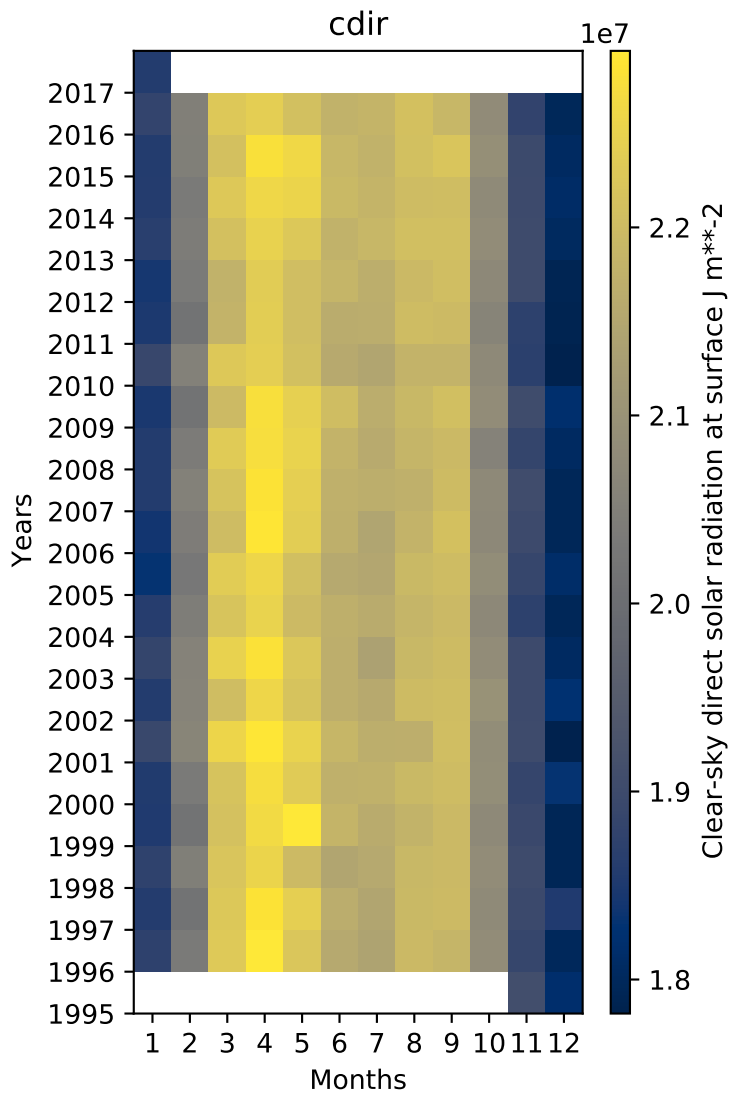
wind



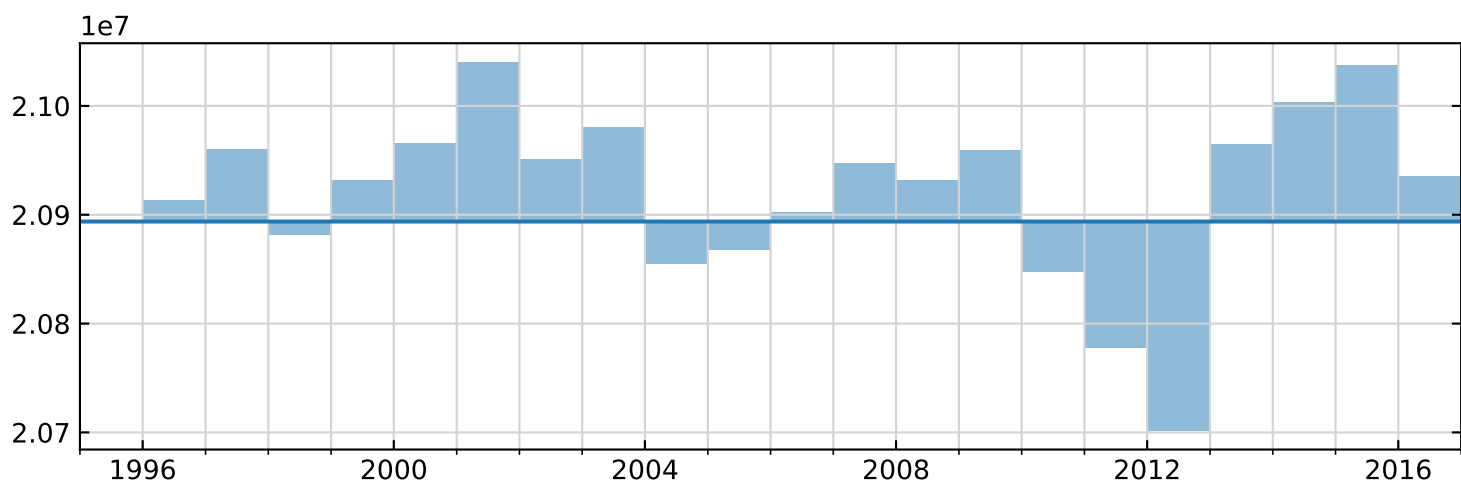
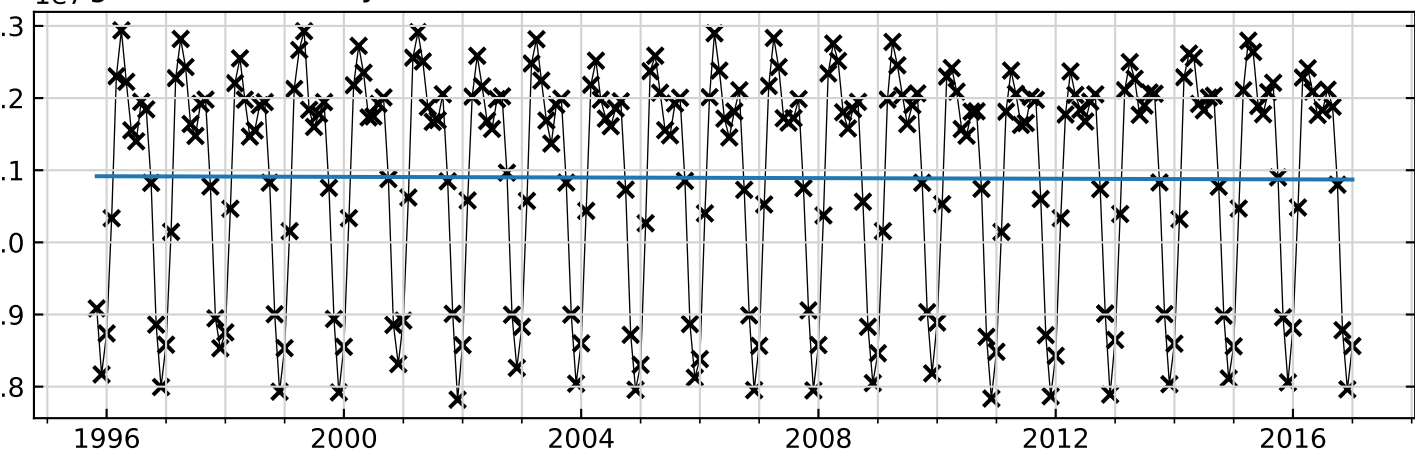
Long name: 10 metre wind speed, Source: ERA5, Subset: wind stress



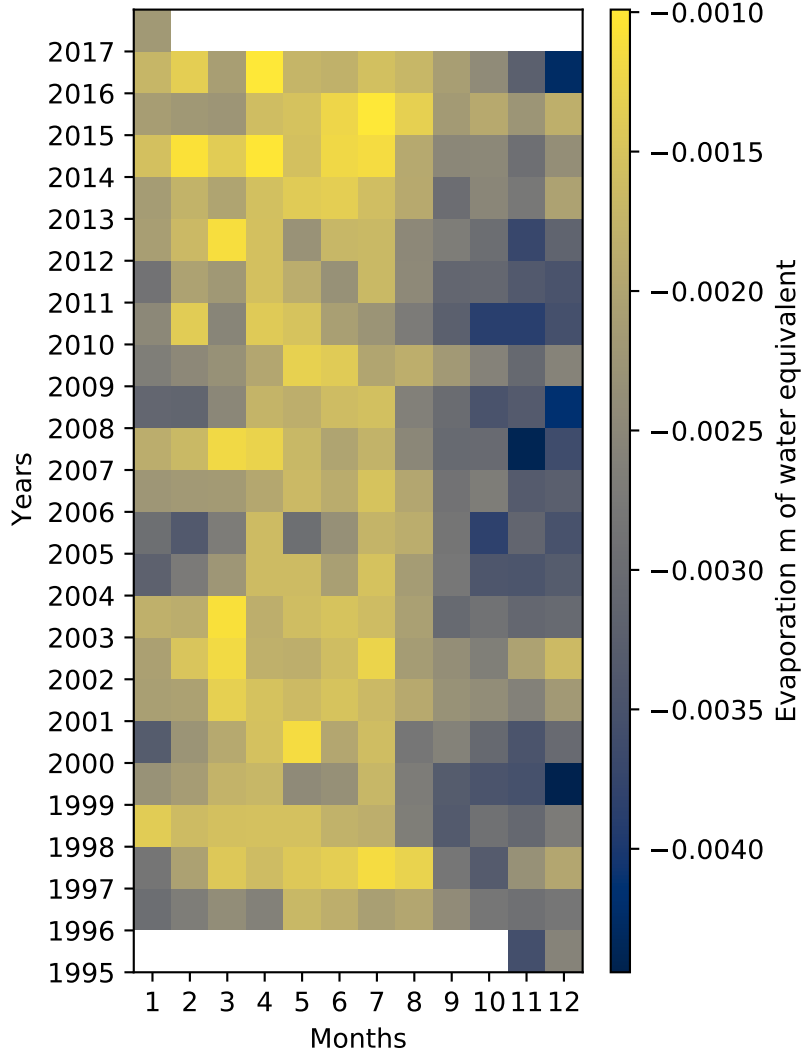
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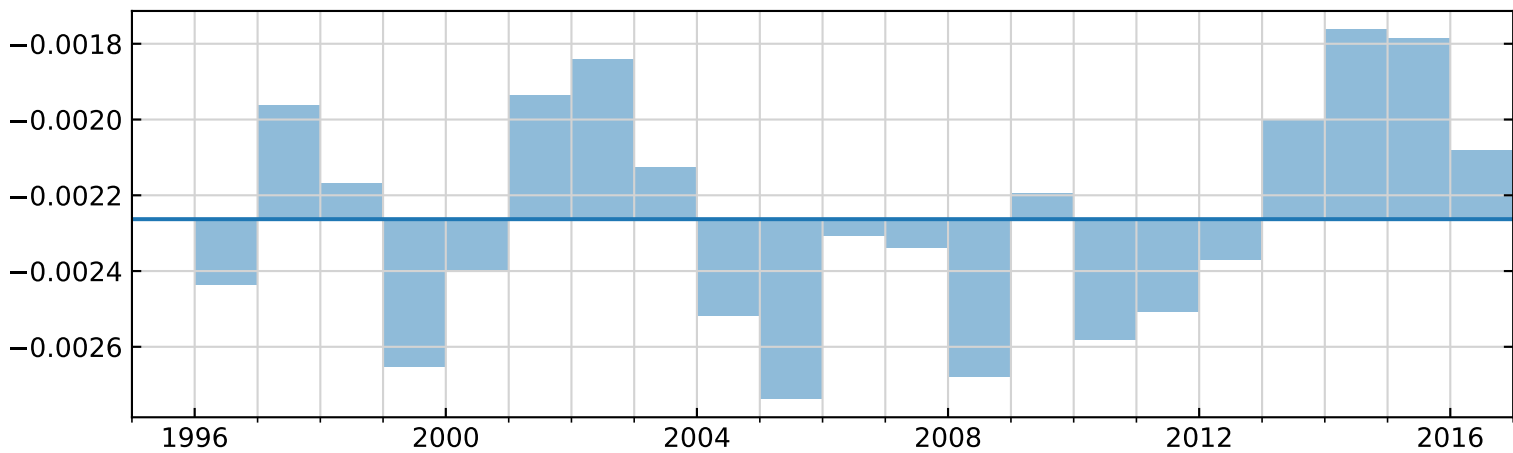
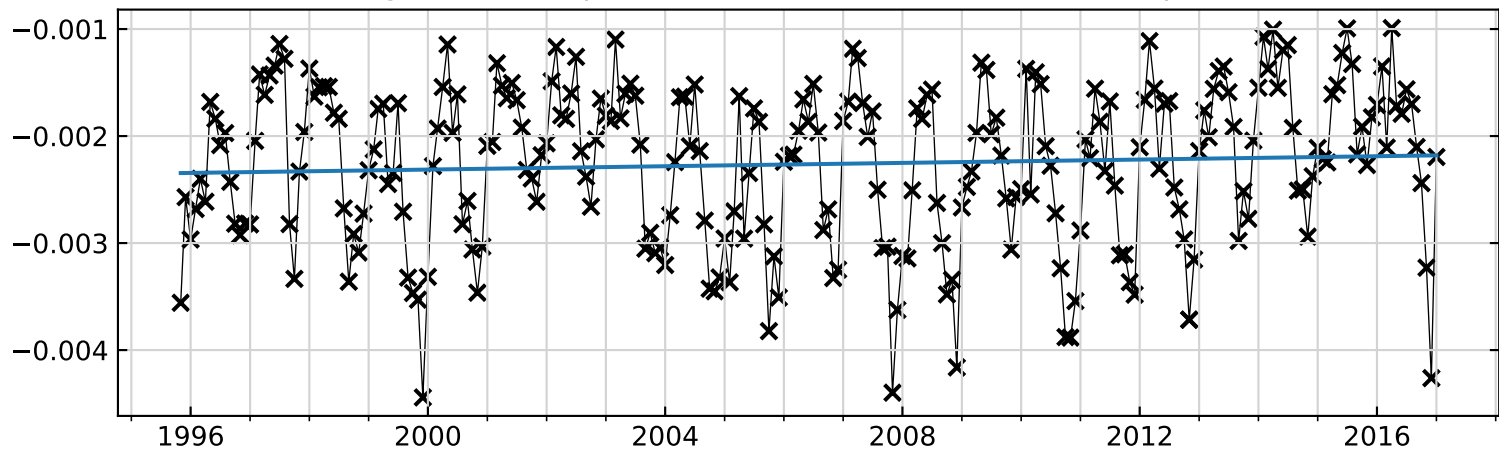
Long name: Clear-sky direct solar radiation at surface, Source: ERA5, Subset: radiation



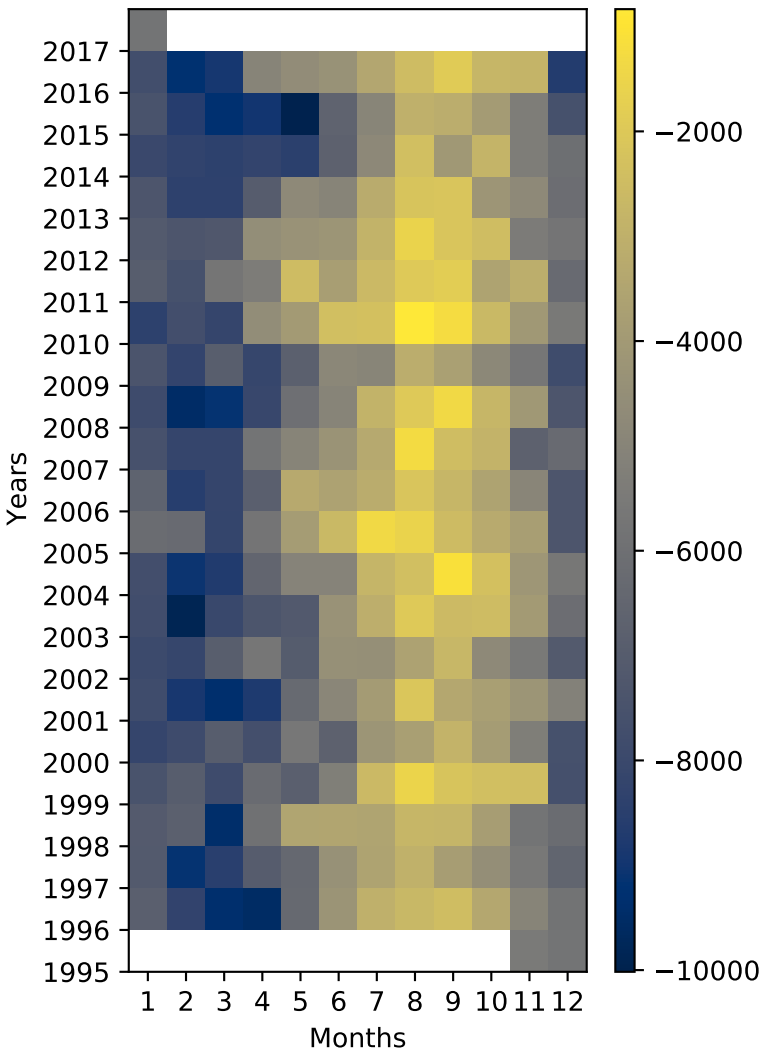
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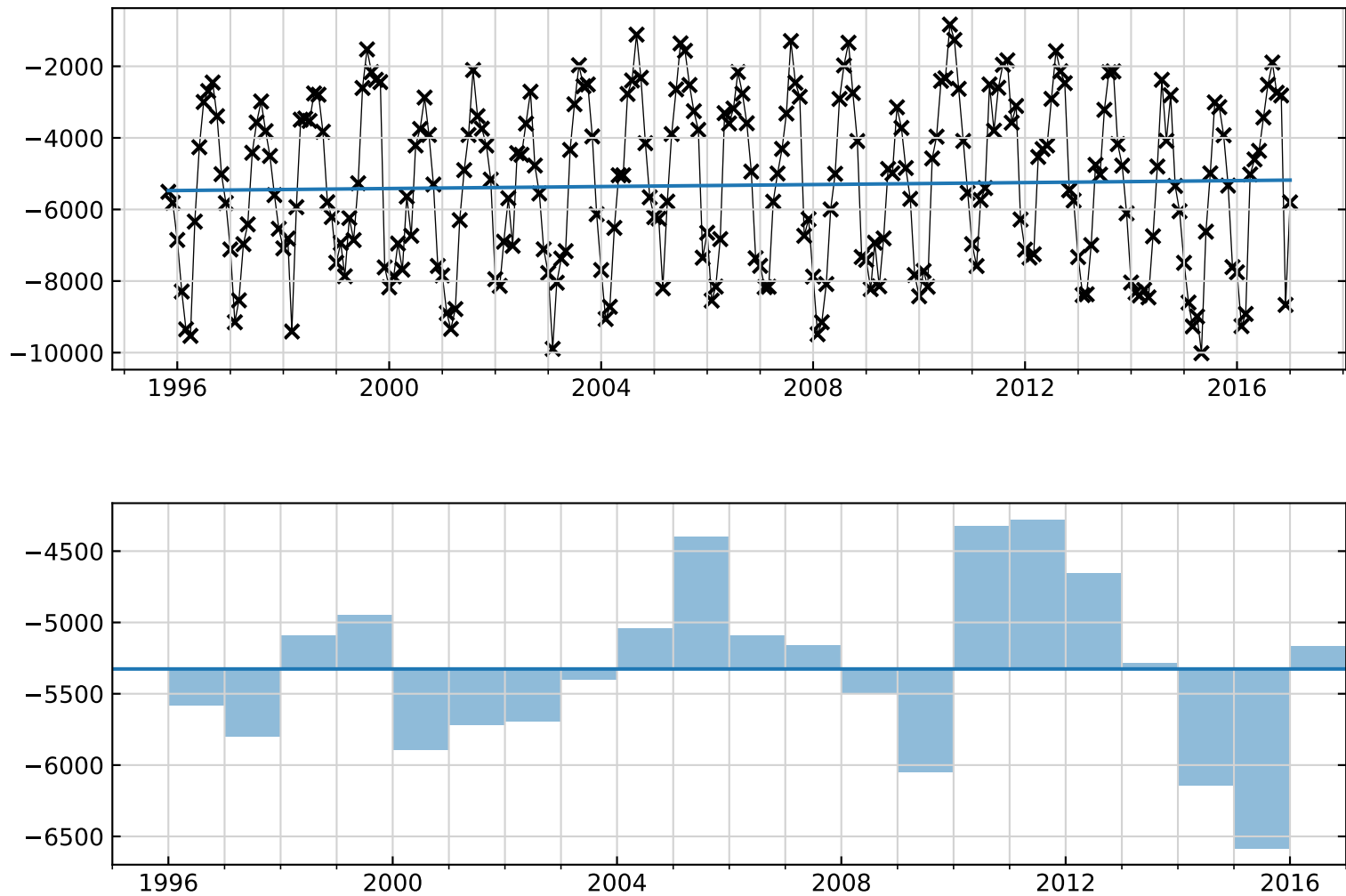
Long name: Evaporation, Source: ERA5, Subset: evaporation



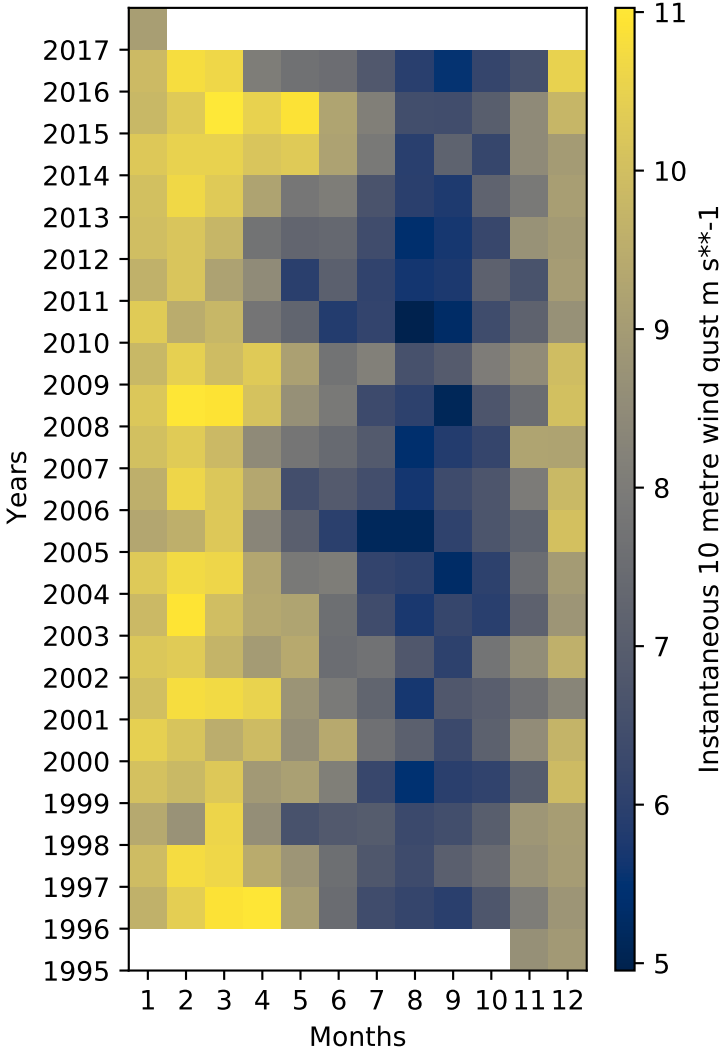
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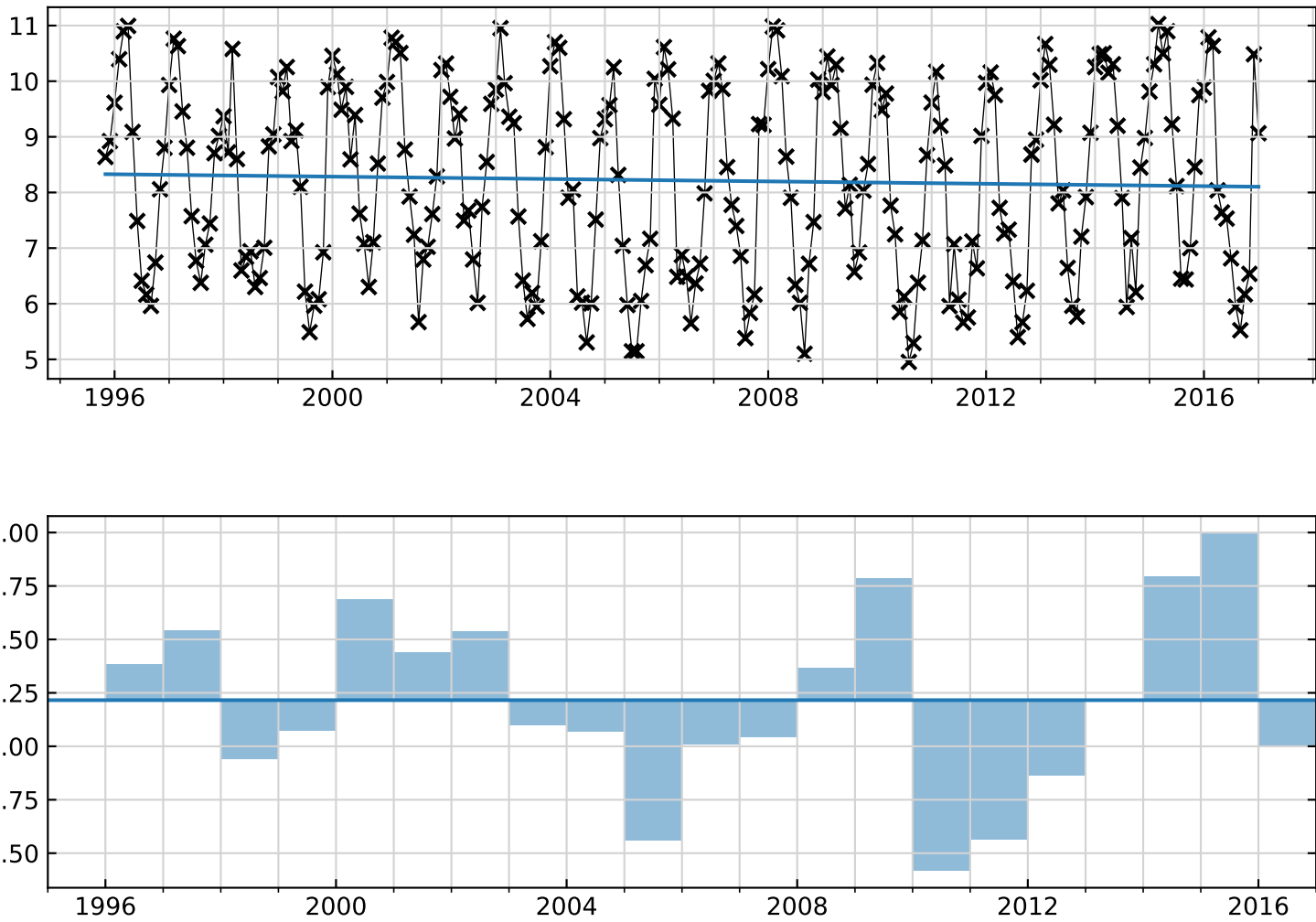
Long name: Eastward turbulent surface stress, Source: ERA5, Subset: wind stress



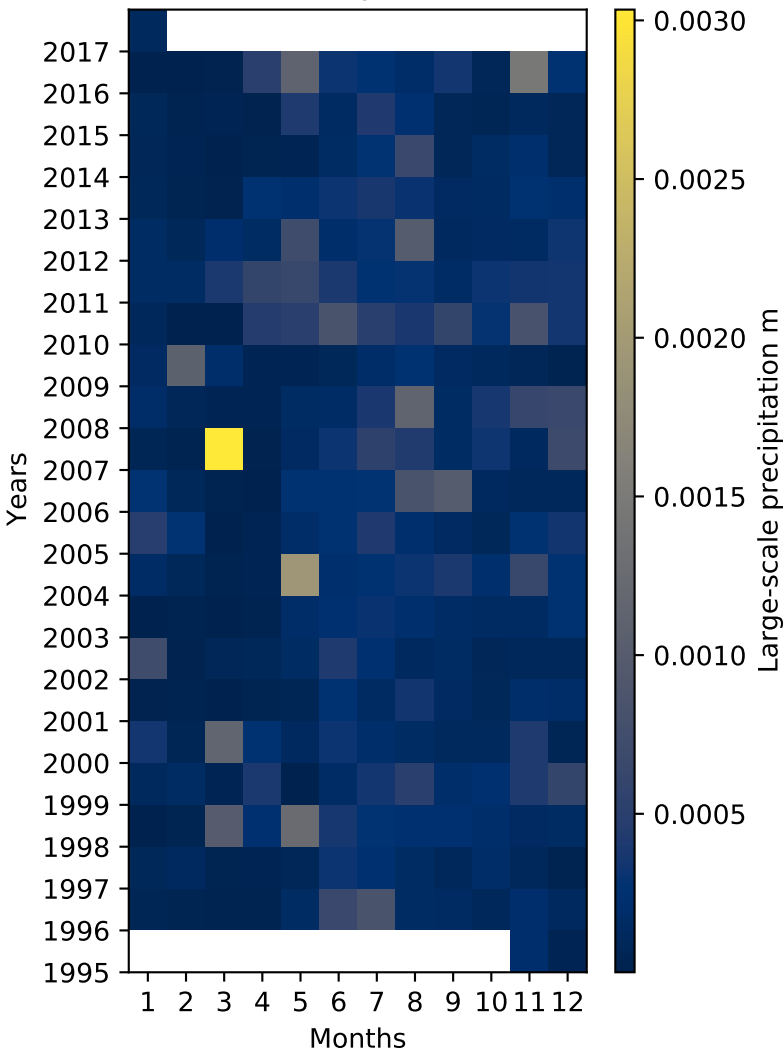
i10fg



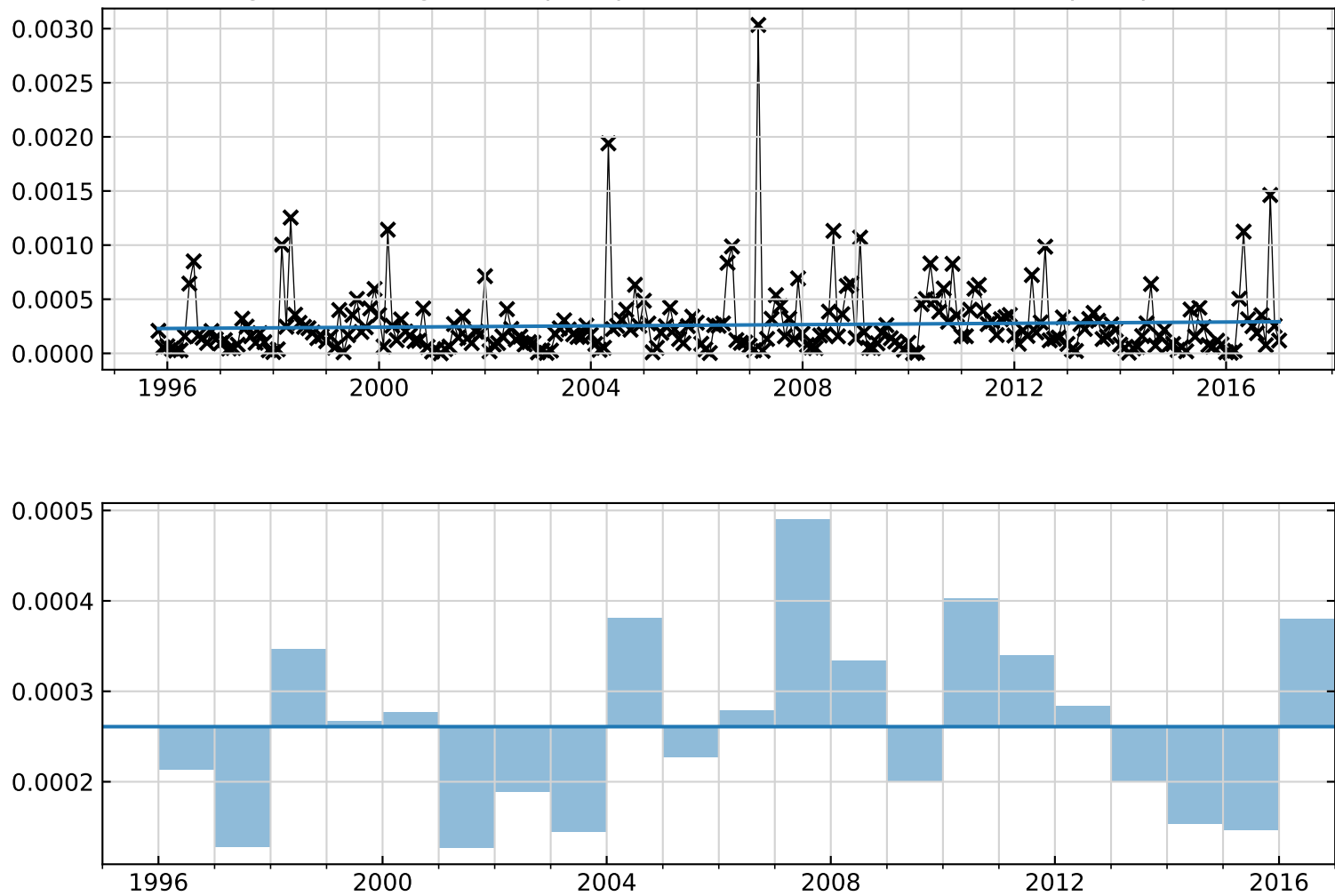
Long name: Instantaneous 10 metre wind gust, Source: ERA5, Subset: wind speed



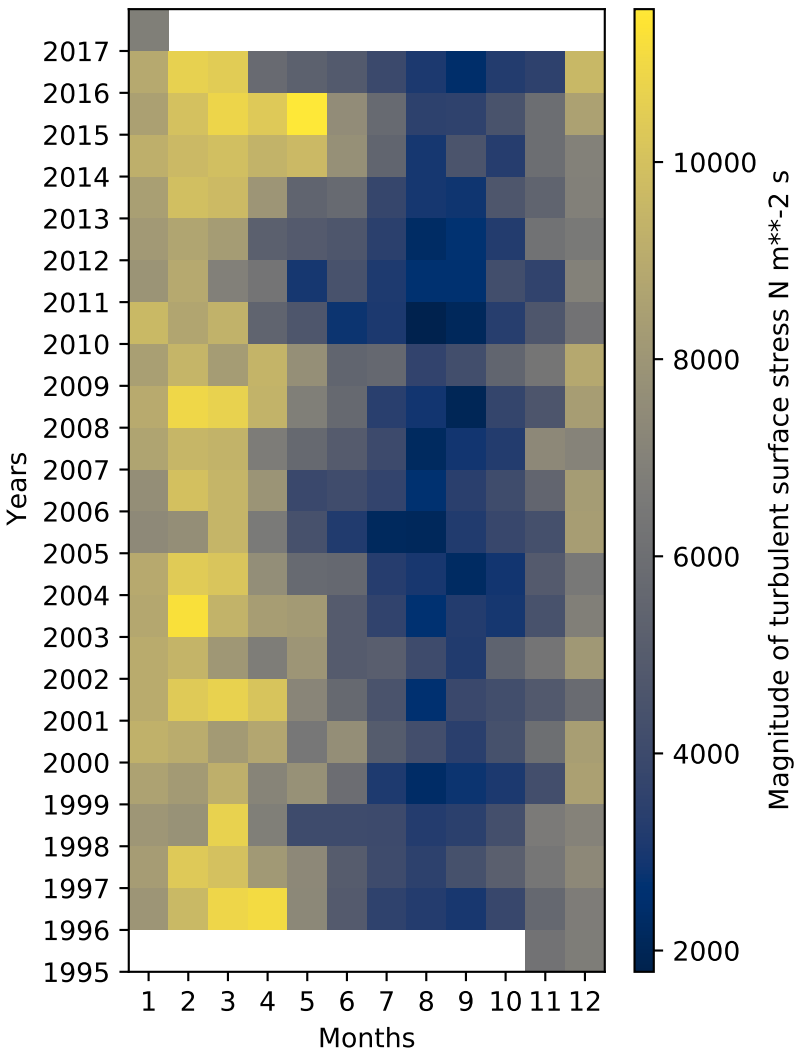
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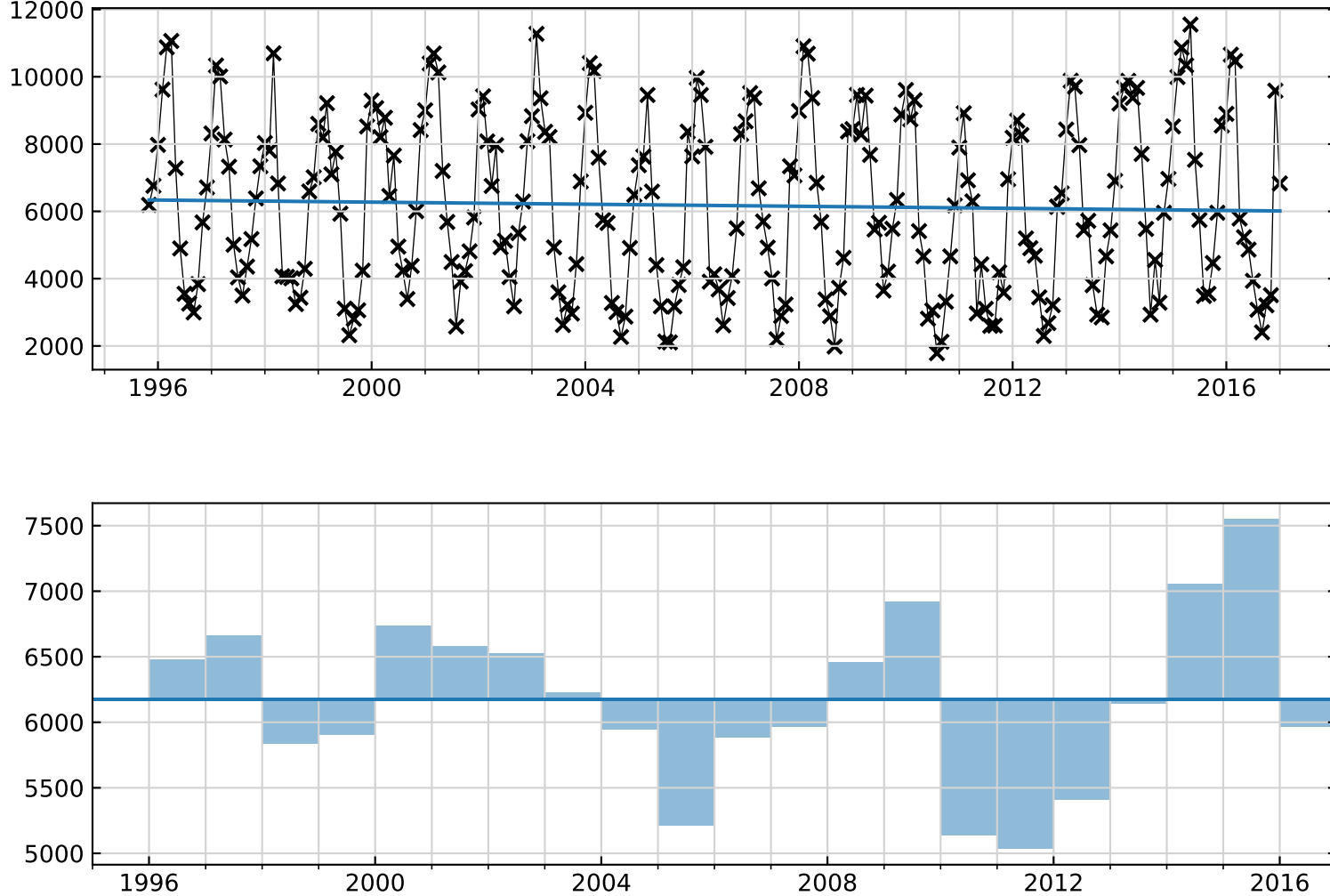
Long name: Large-scale precipitation, Source: ERA5, Subset: precipitation



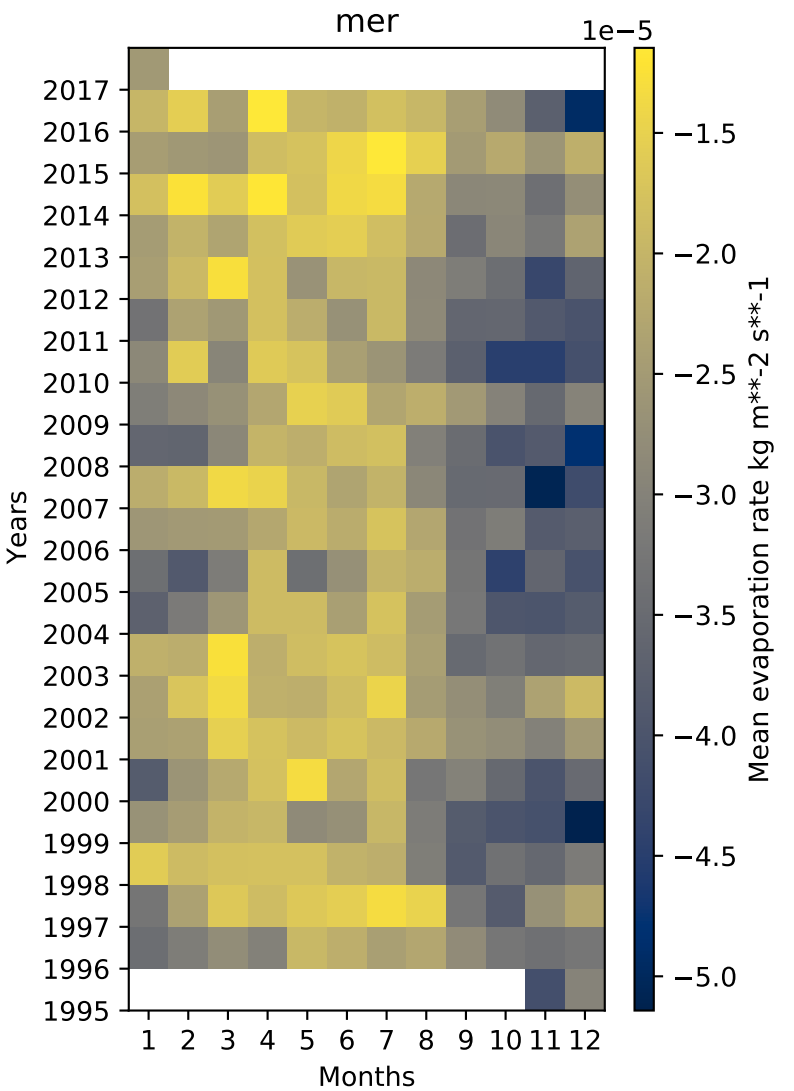
magss



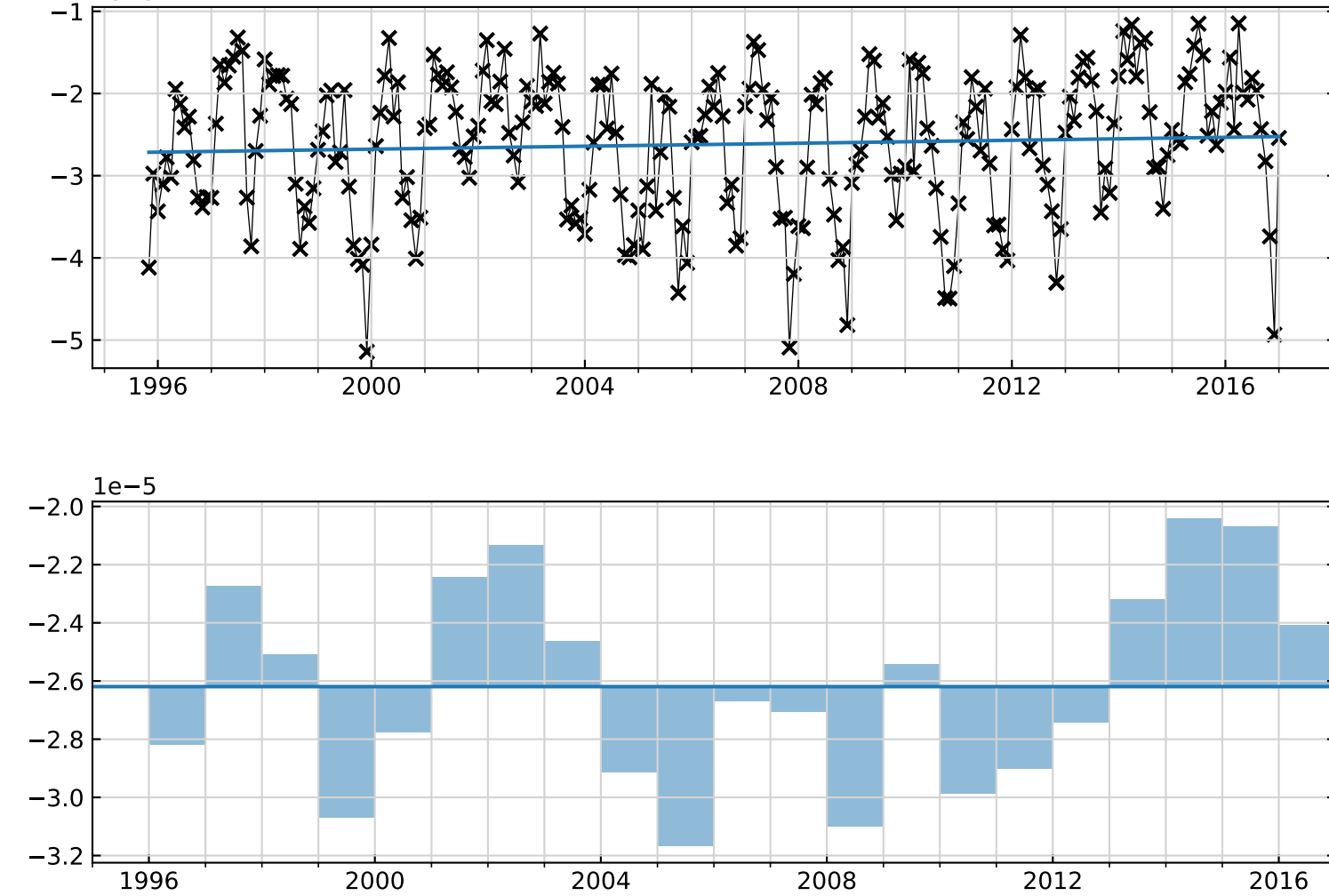
Long name: Magnitude of turbulent surface stress, Source: ERA5, Subset: wind stress



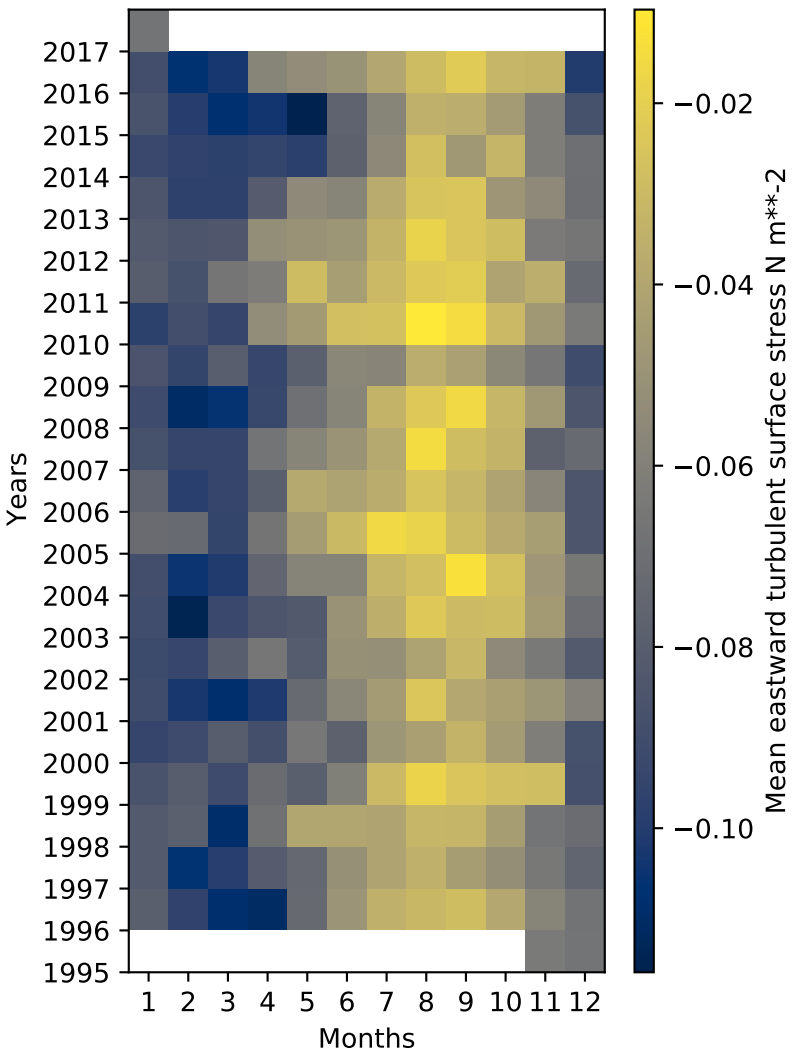
mer



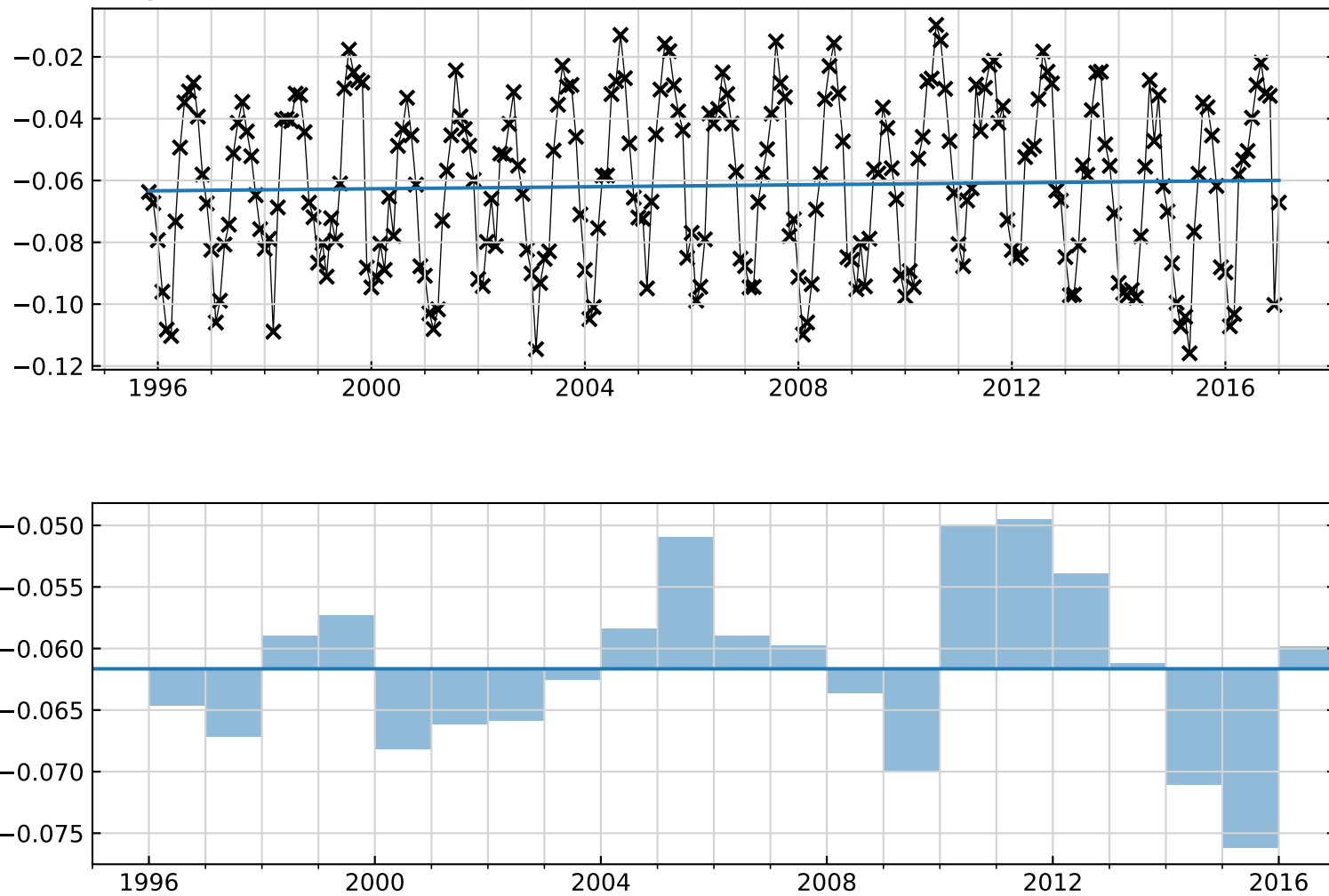
Long name: Mean evaporation rate, Source: ERA5, Subset: evaporation



metss

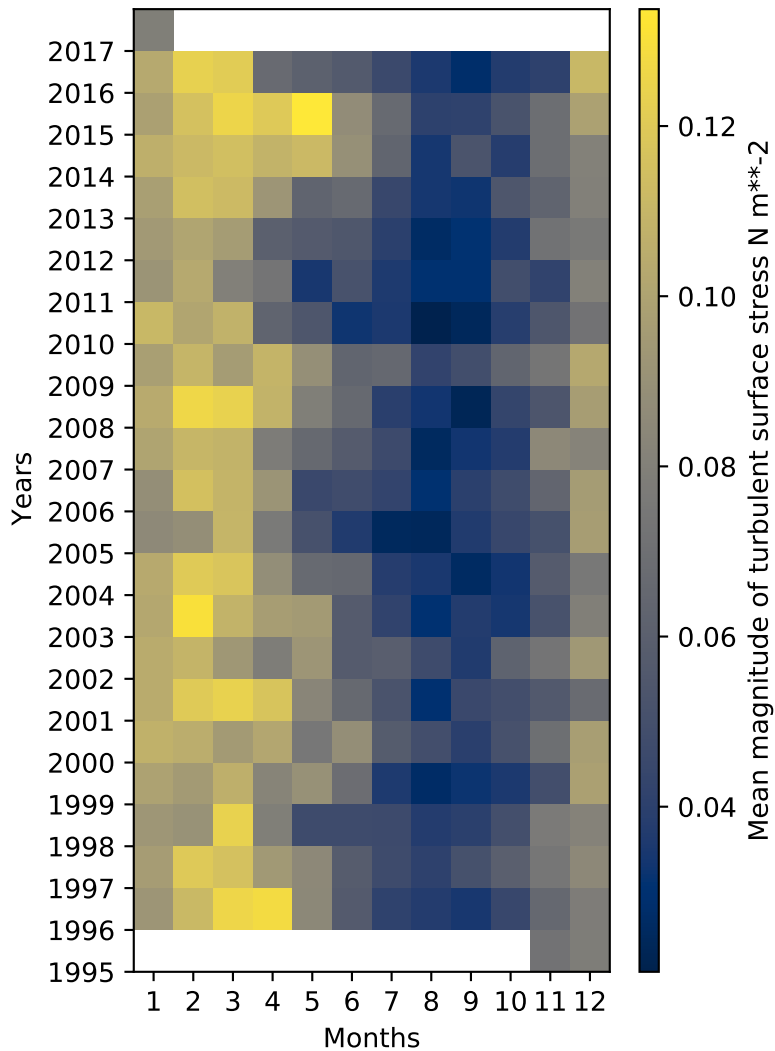


Long name: Mean eastward turbulent surface stress, Source: ERA5, Subset: wind stress

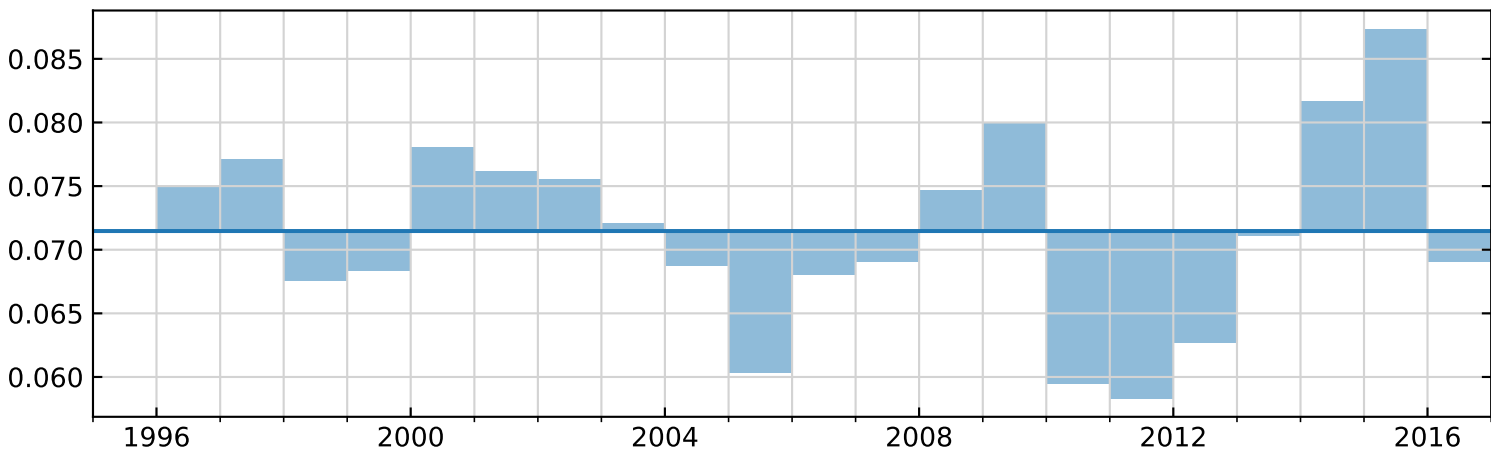
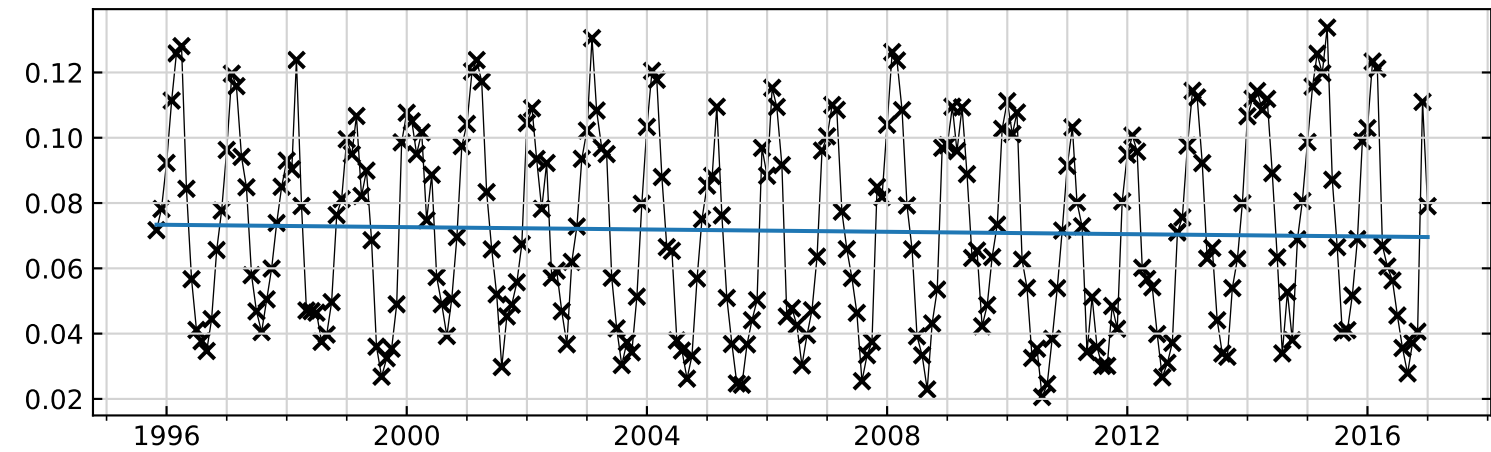




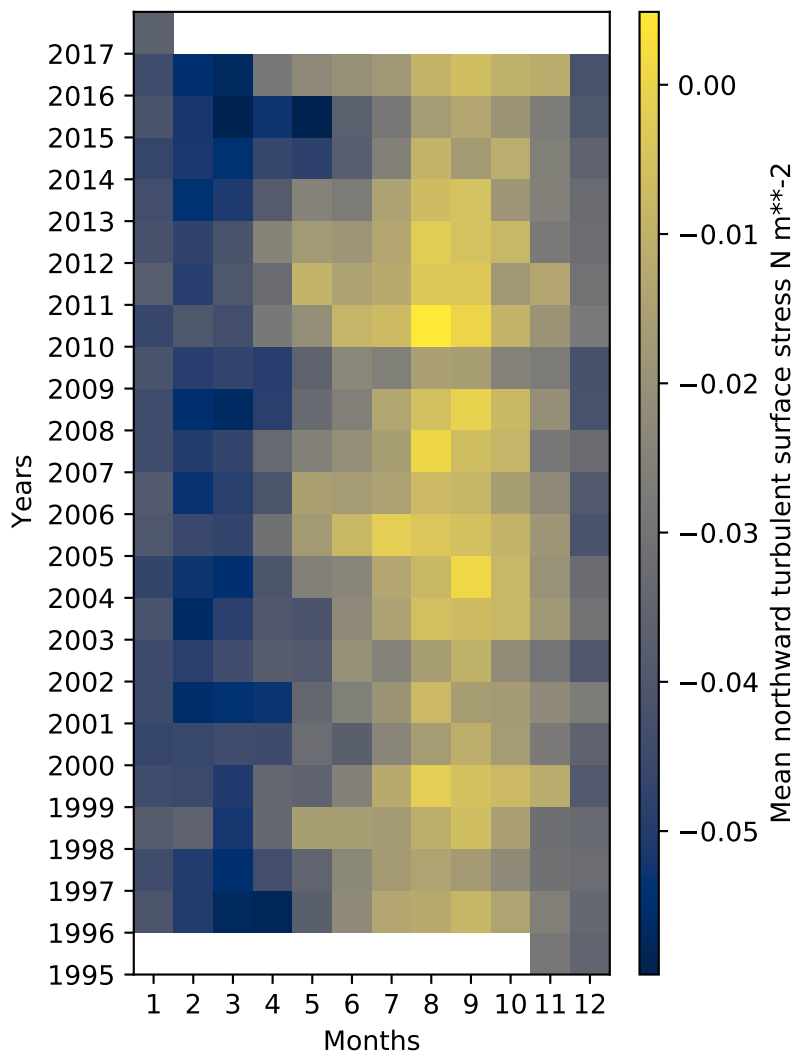
mmtss



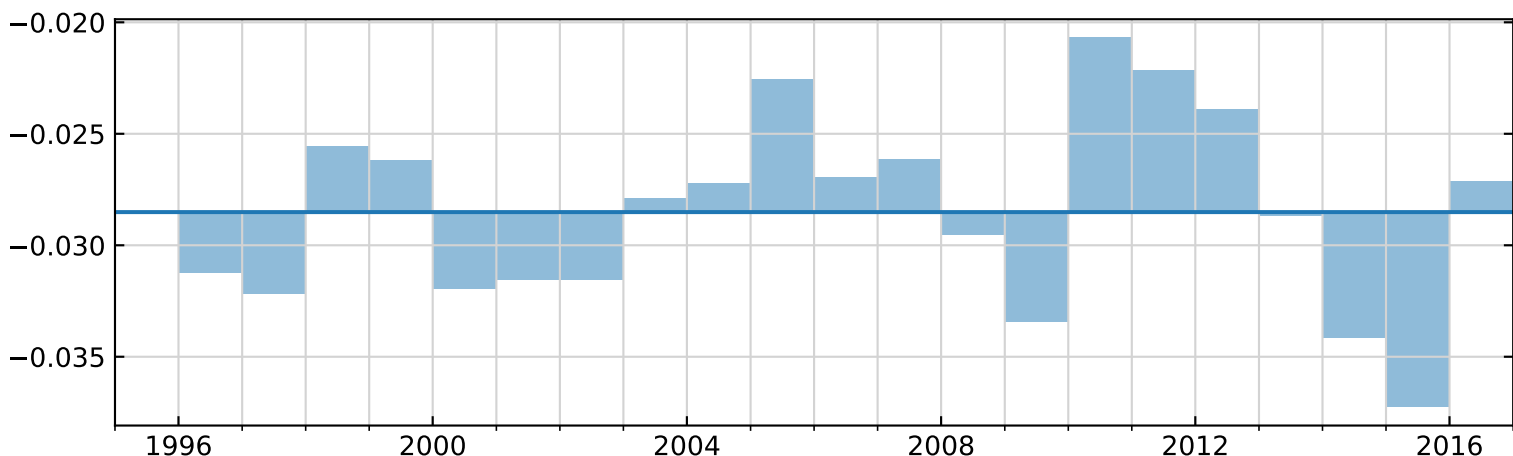
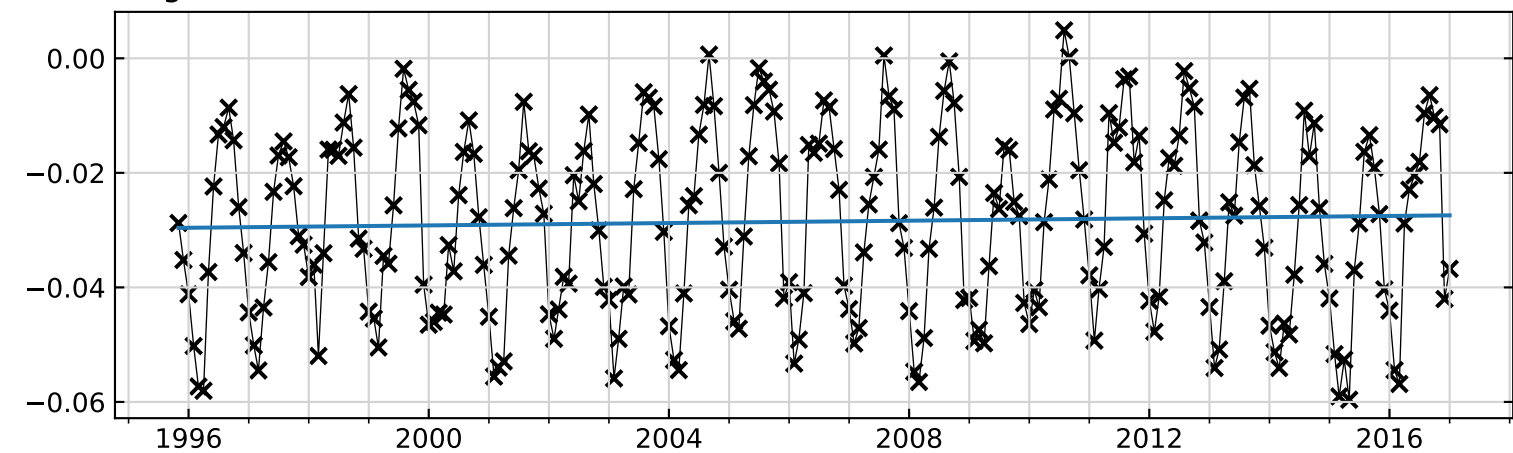
Long name: Mean magnitude of turbulent surface stress, Source: ERA5, Subset: wind stress



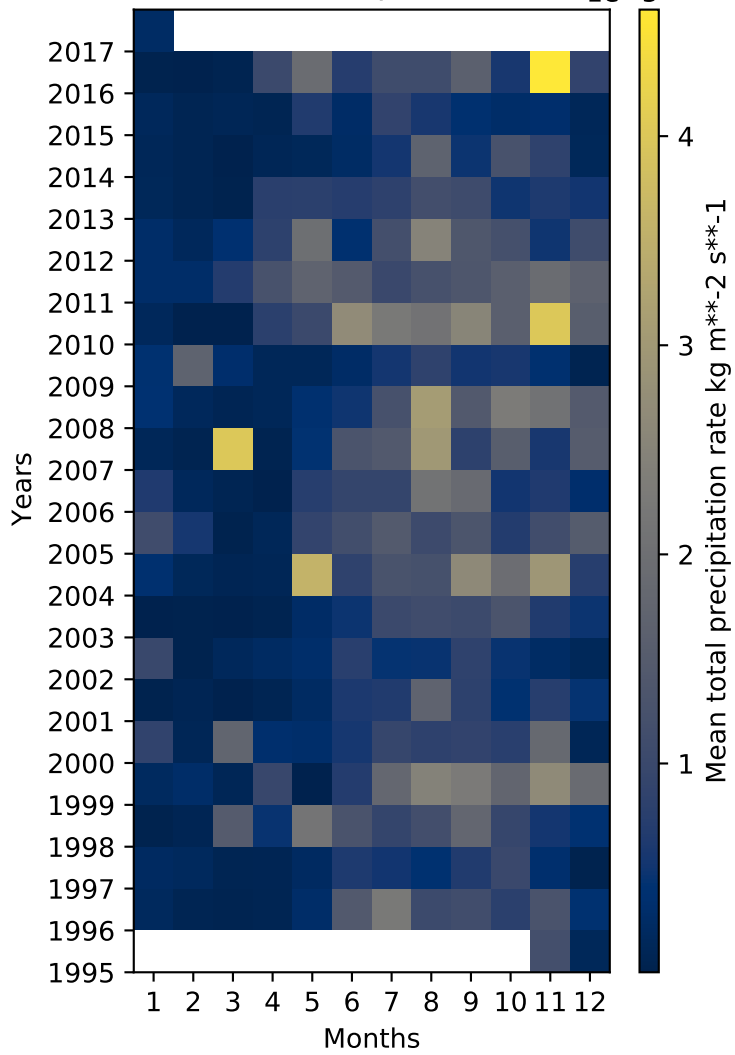
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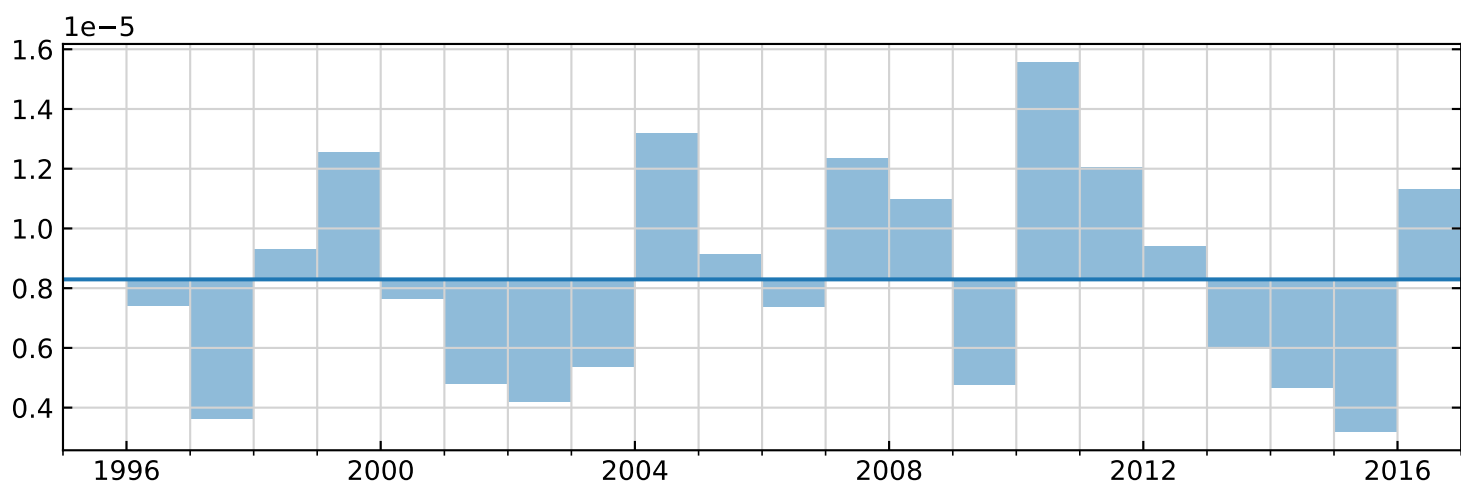
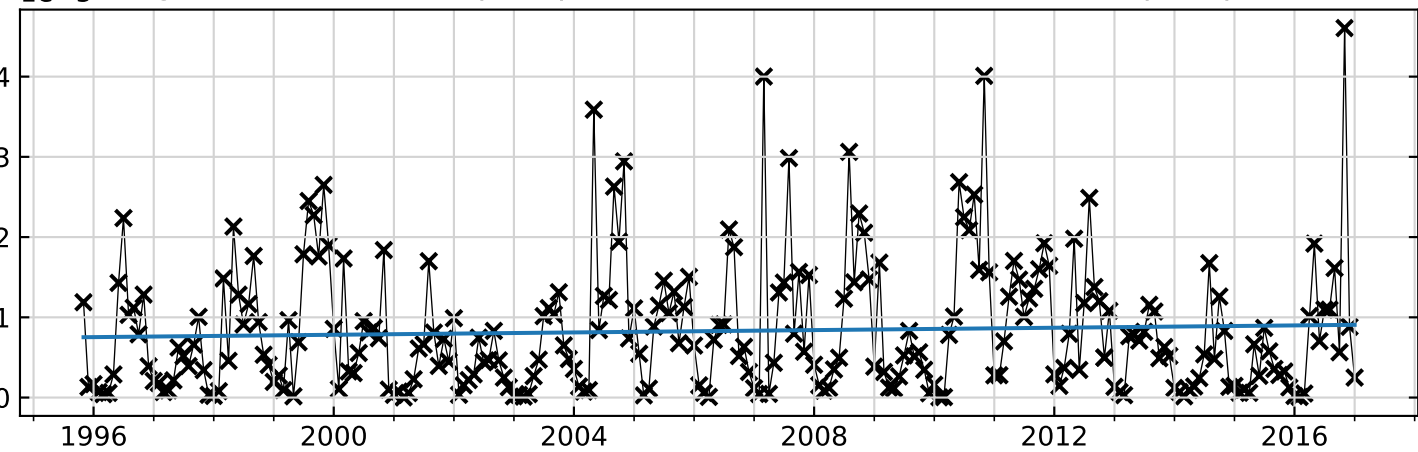
Long name: Mean northward turbulent surface stress, Source: ERA5, Subset: wind stress



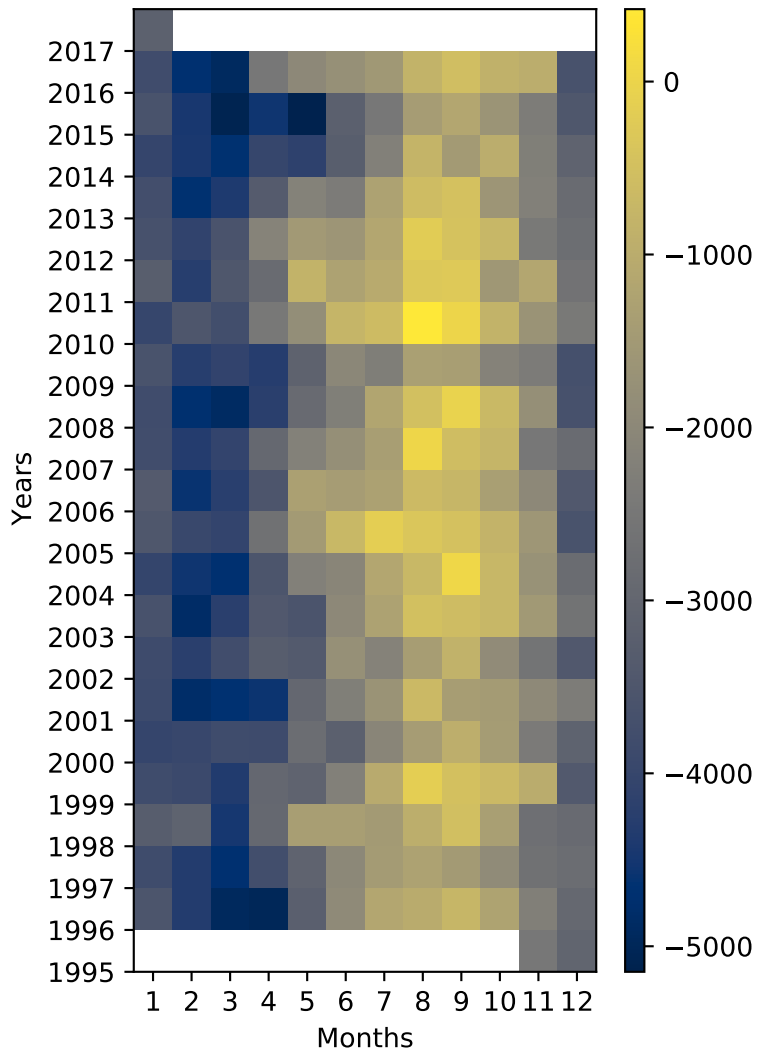
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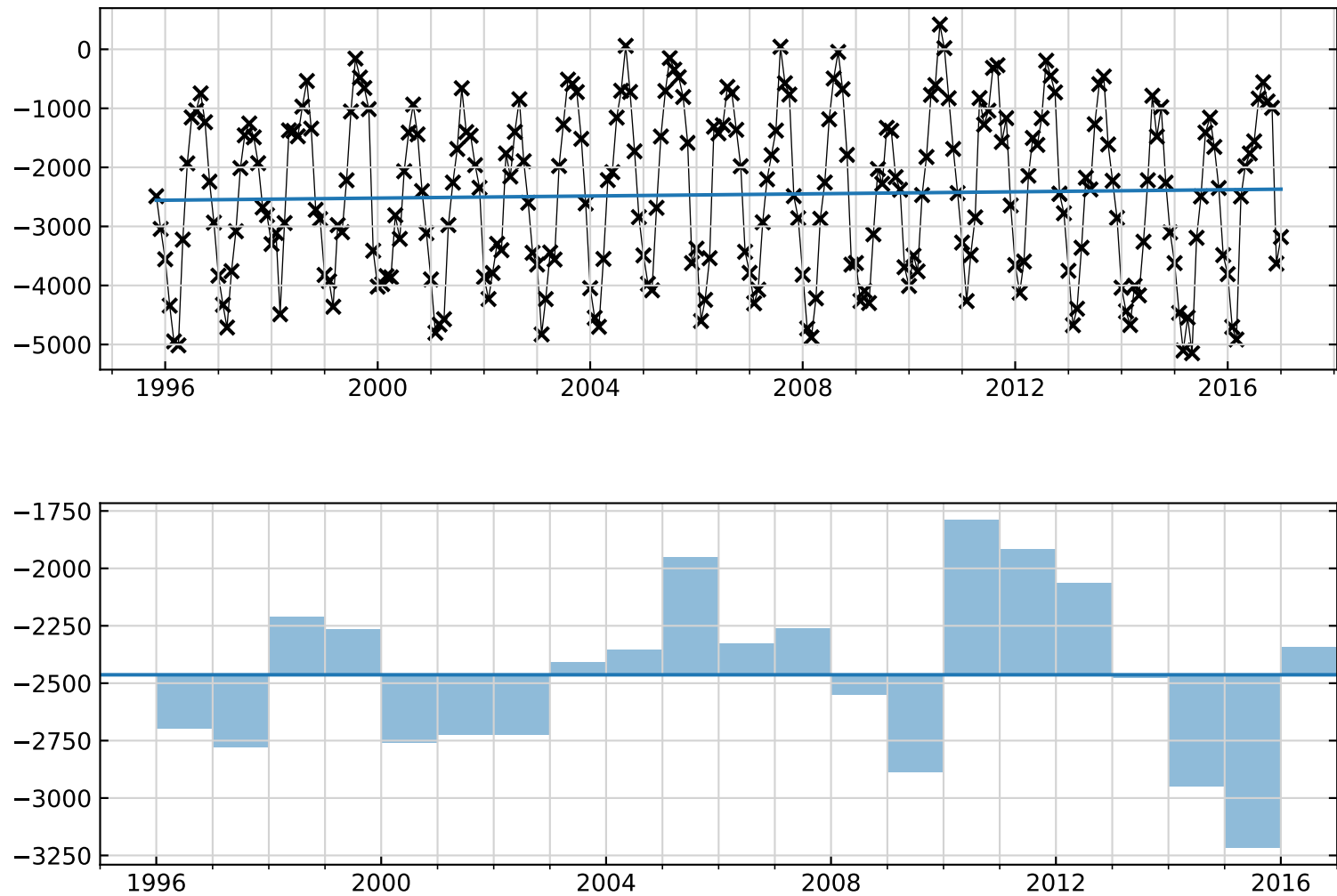
Long name: Mean total precipitation rate, Source: ERA5, Subset: precipitation



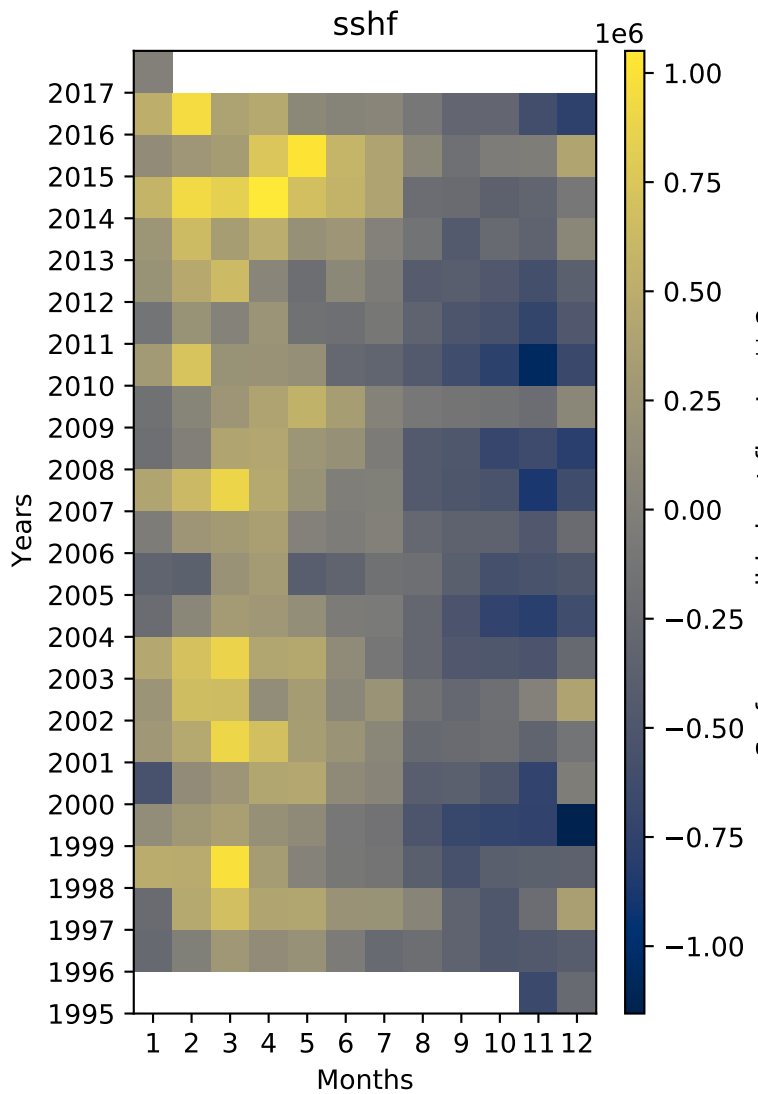
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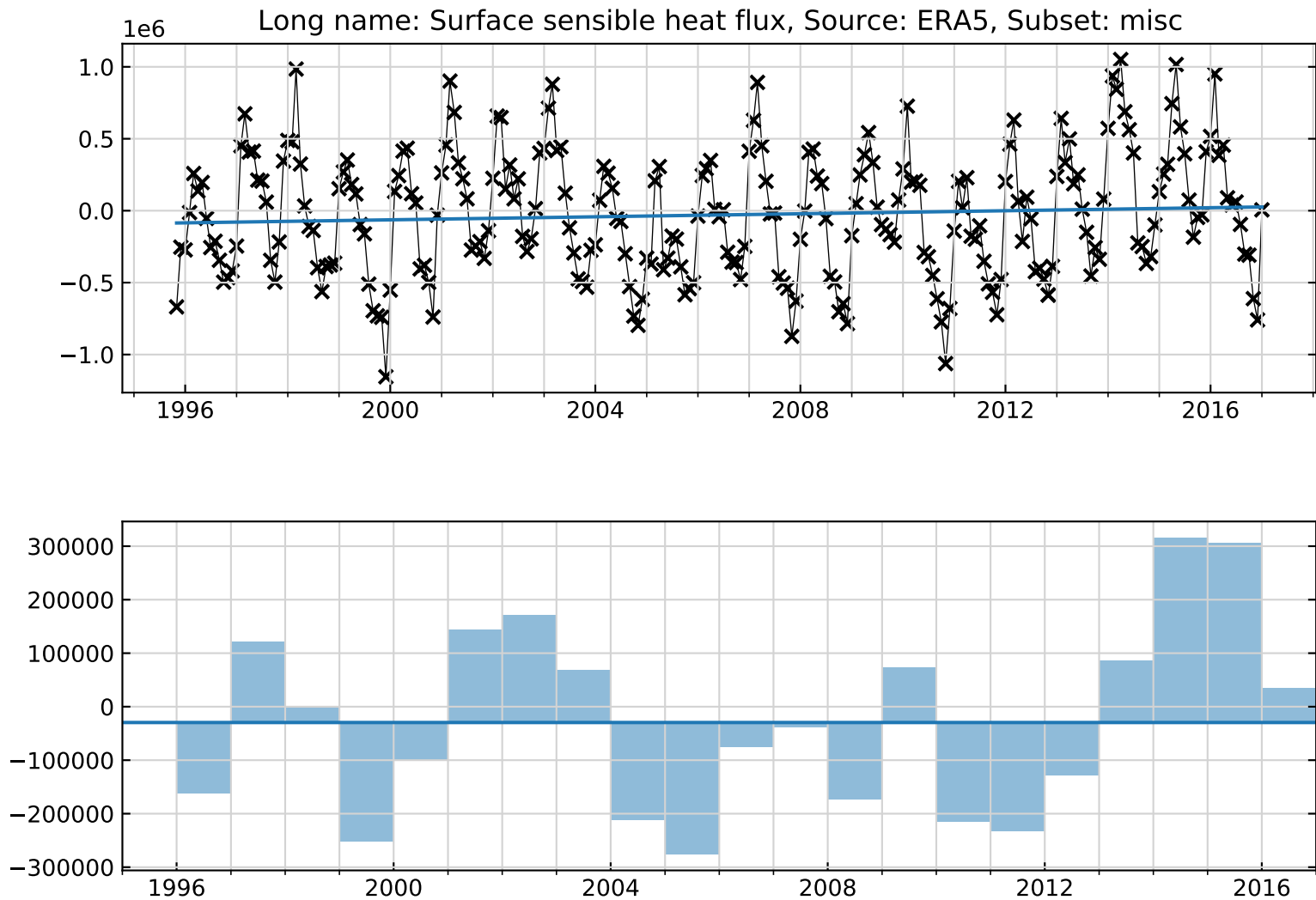
Long name: Northward turbulent surface stress, Source: ERA5, Subset: wind stress



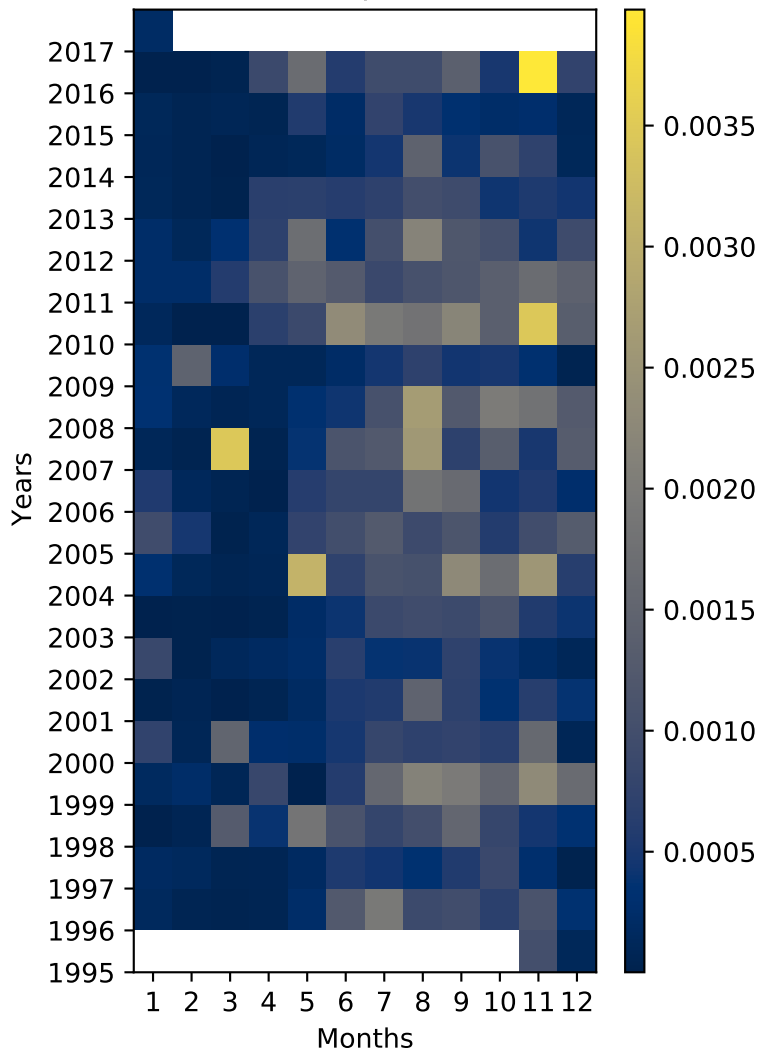
sshf



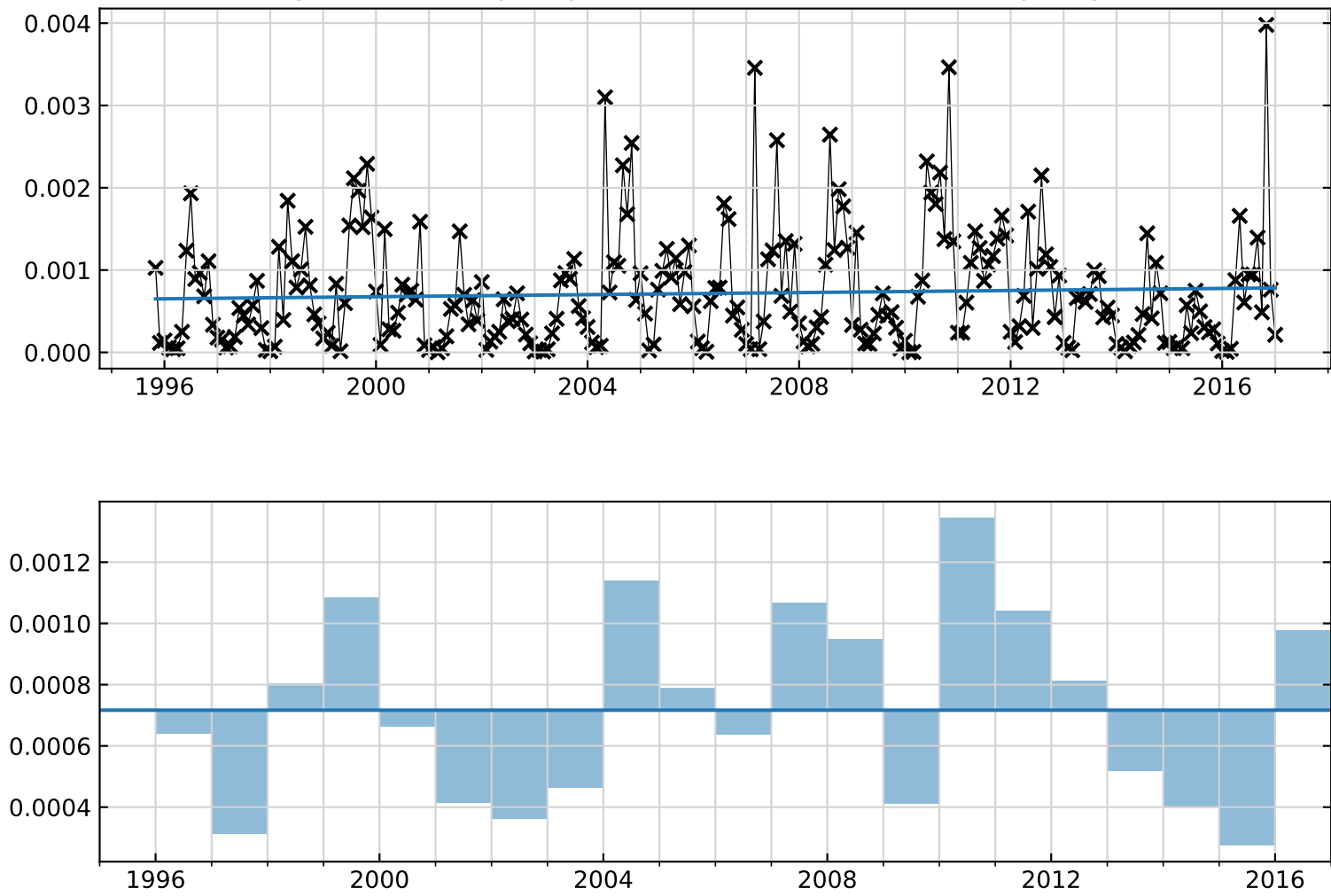
Long name: Surface sensible heat flux, Source: ERA5, Subset: misc



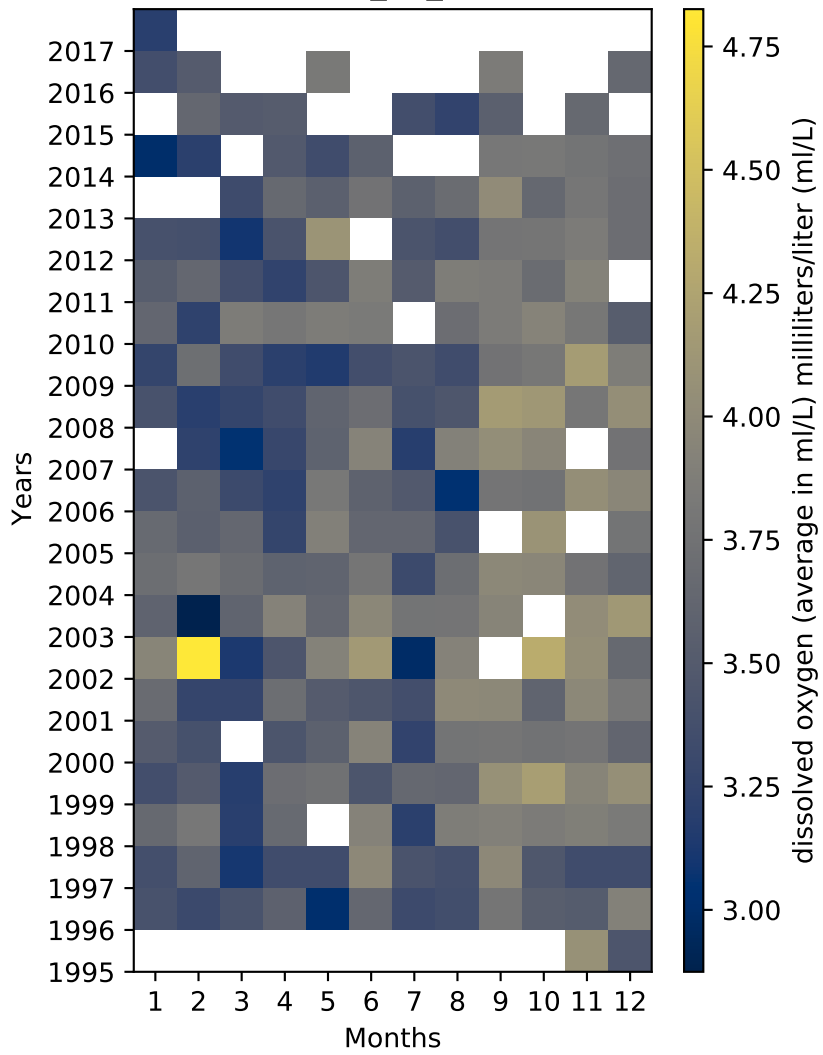
tp



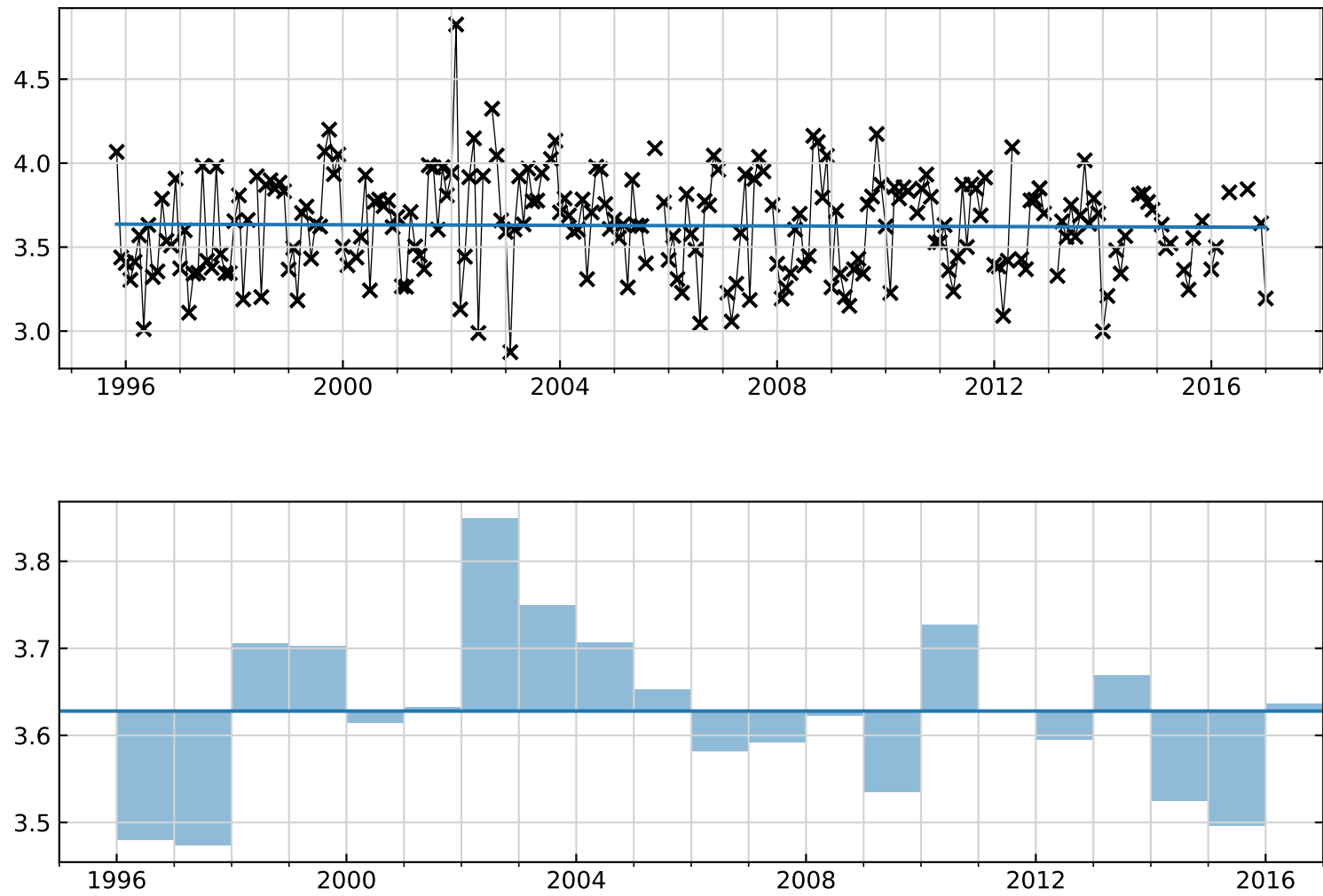
Long name: Total precipitation, Source: ERA5, Subset: precipitation



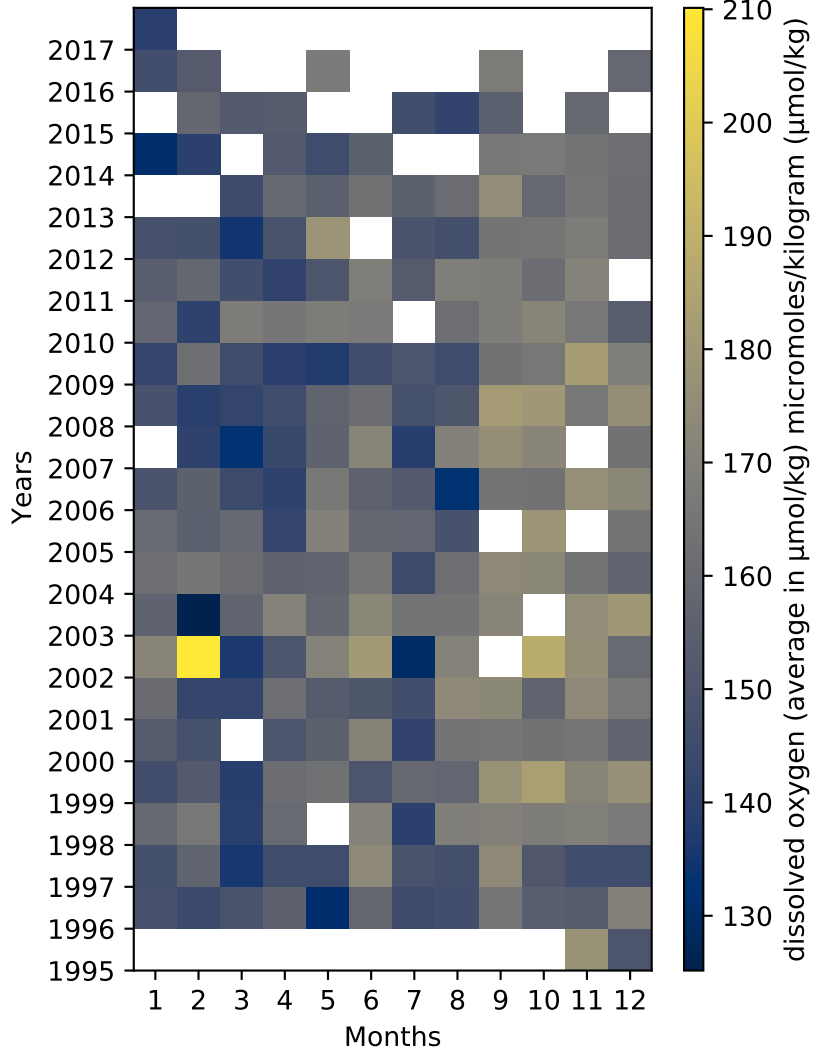
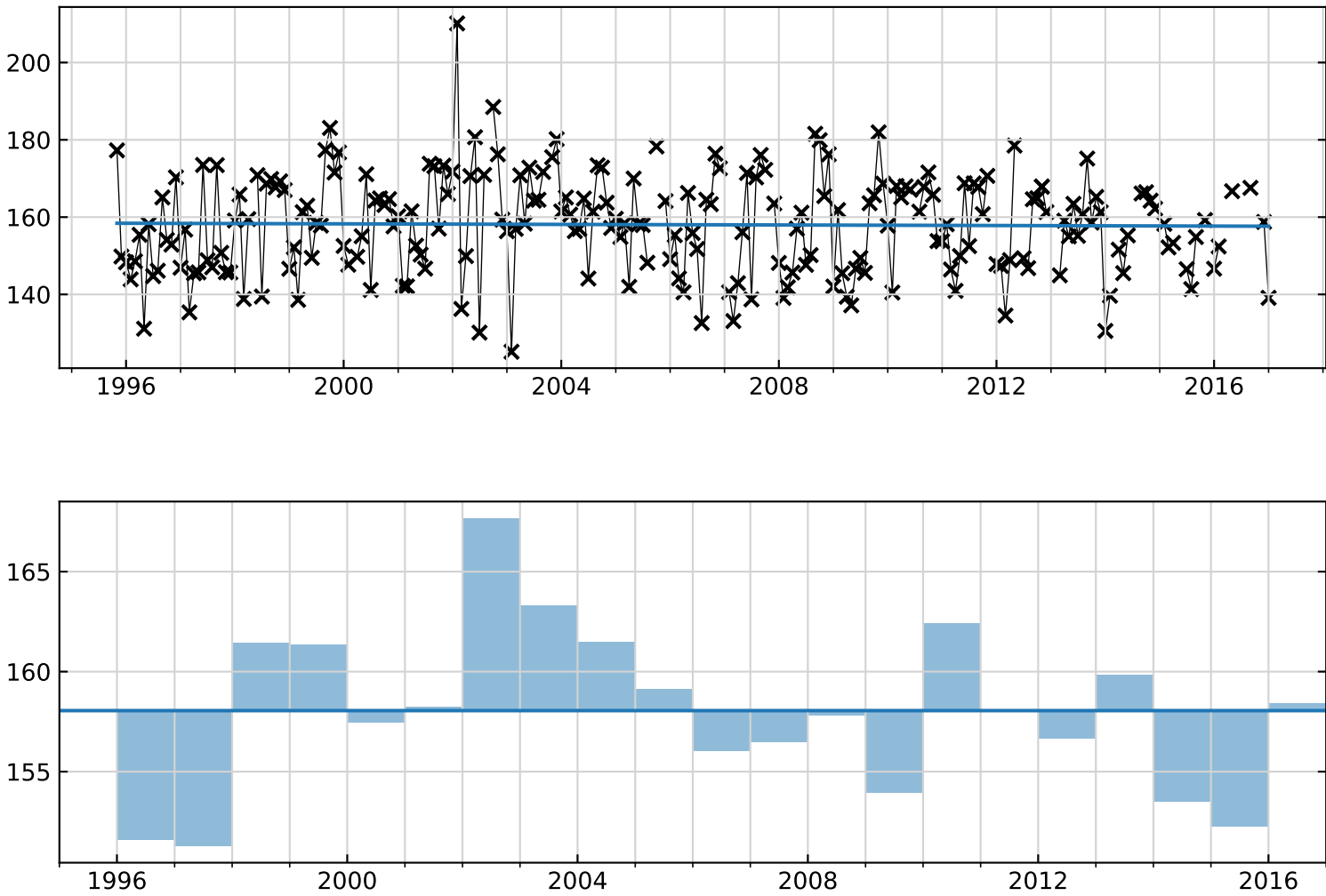
O2\_ml\_L



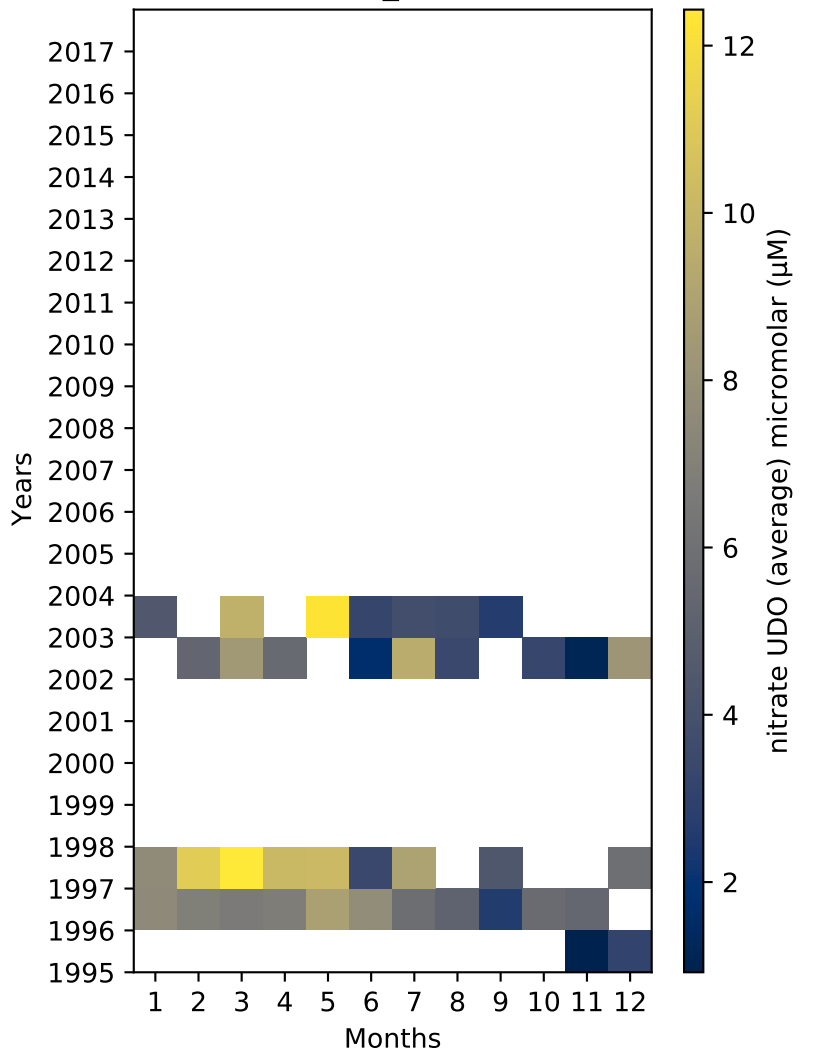
Long name: dissolved oxygen (average in ml/L), Source: niskin, Subset: chemical



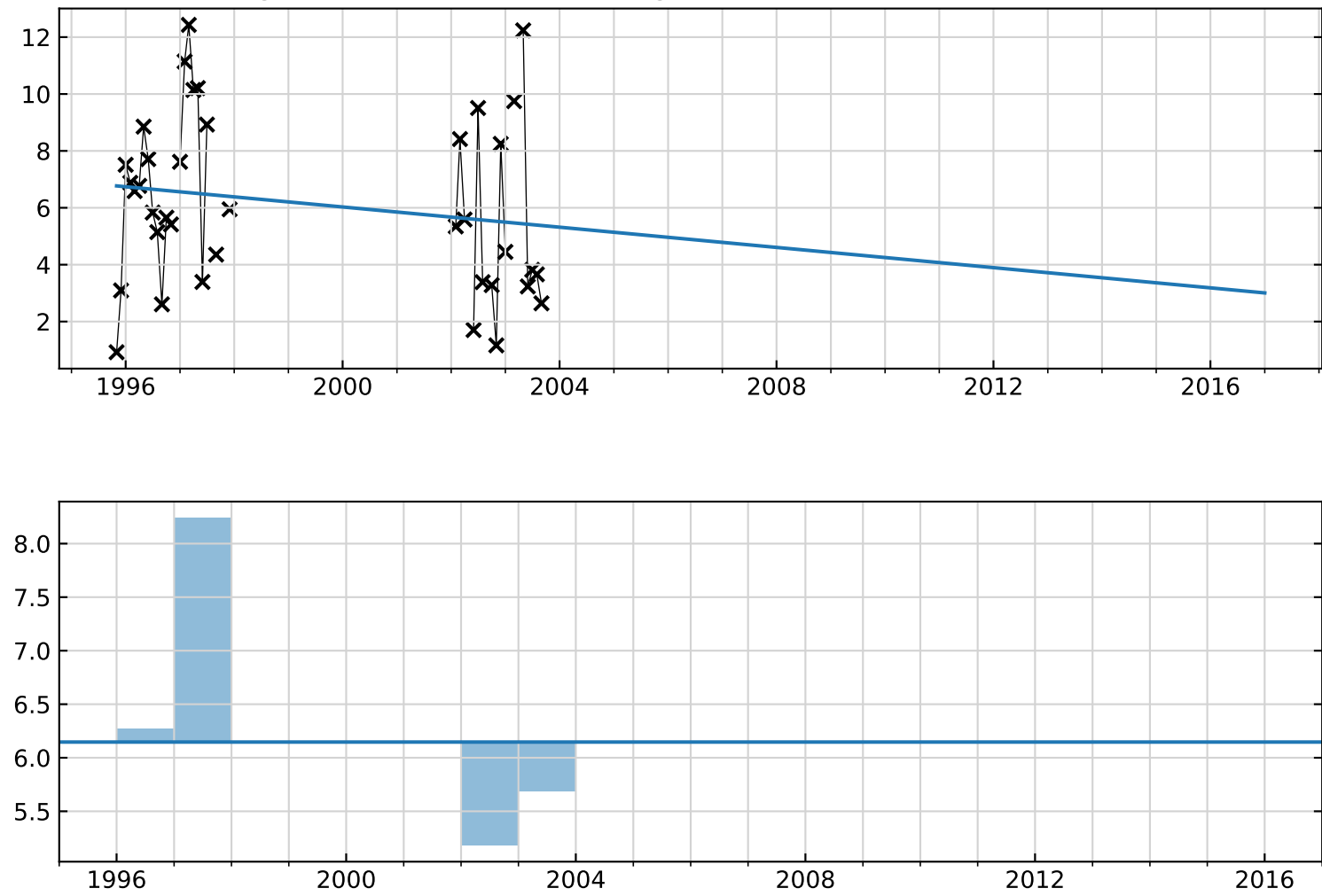
O2\_umol\_kg

Long name: dissolved oxygen (average in  $\mu\text{mol/kg}$ ), Source: niskin, Subset: chemical

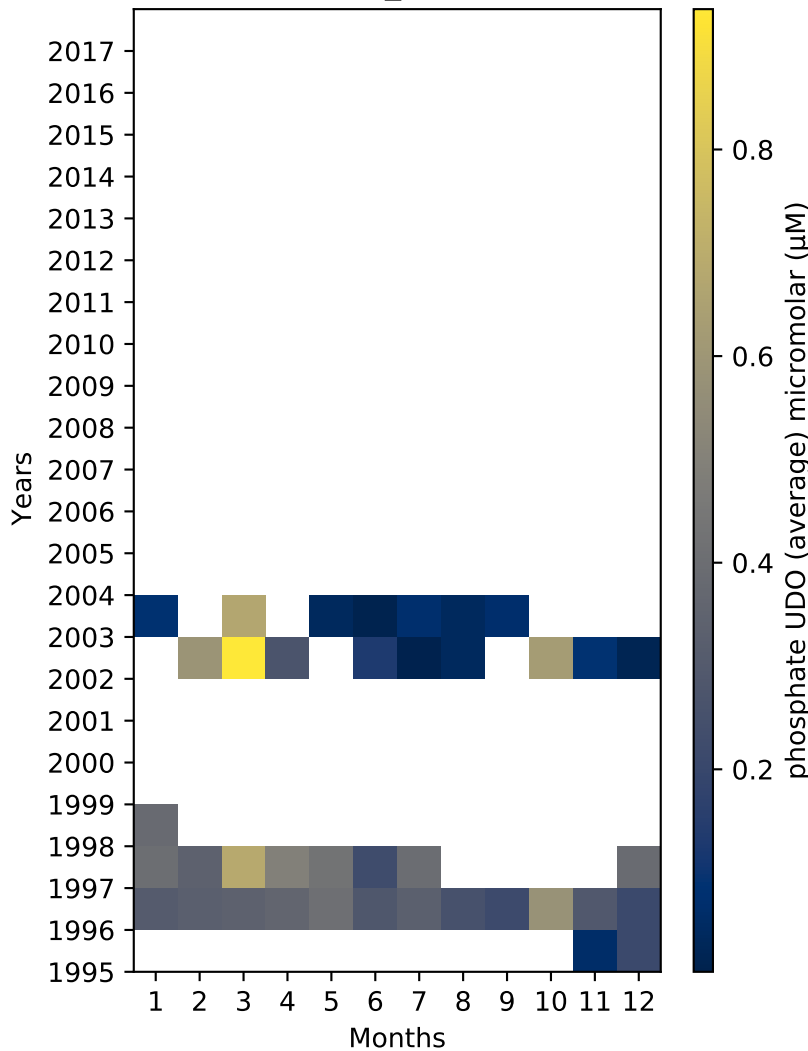
NO3\_UDO



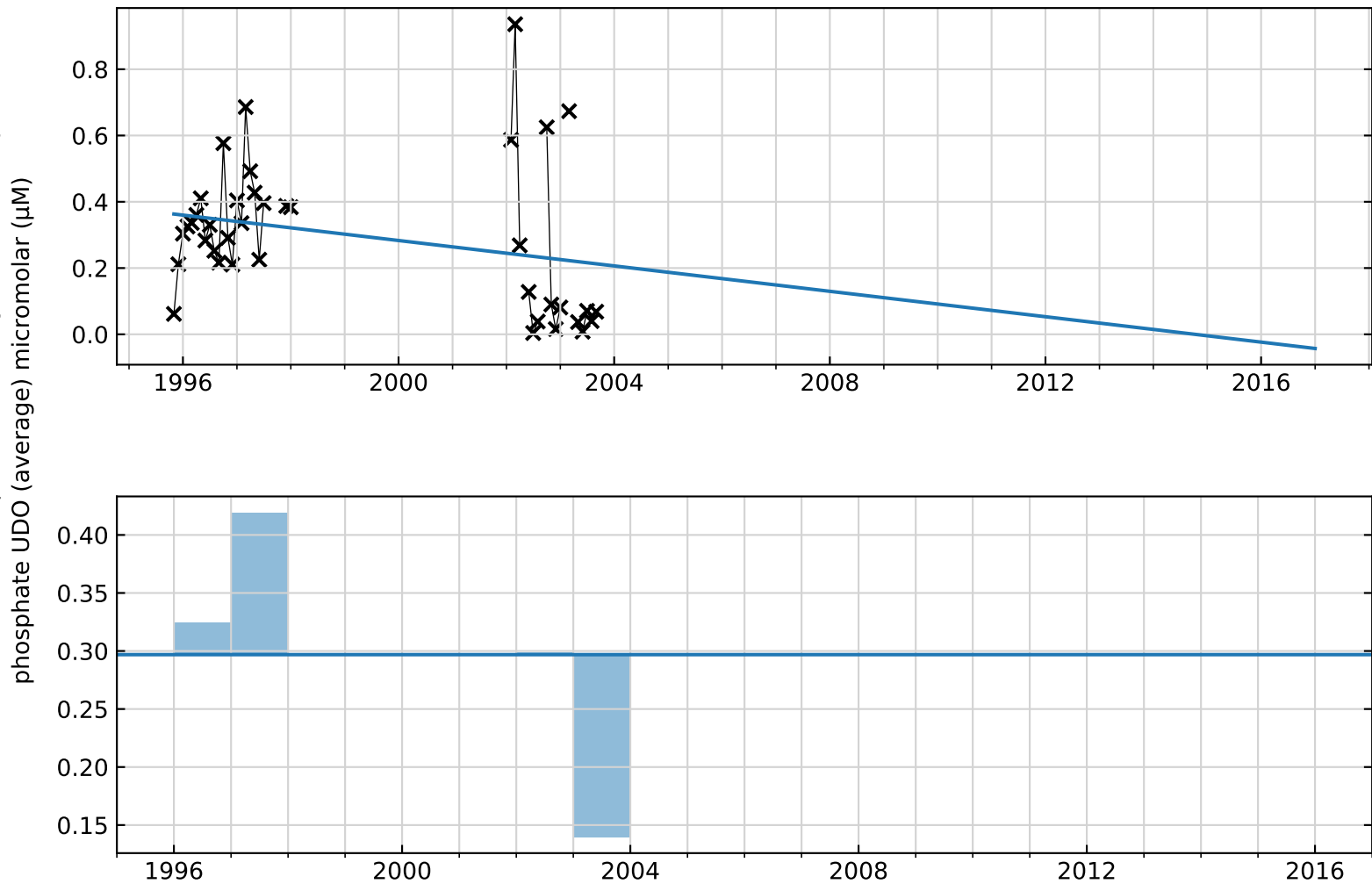
Long name: nitrate UDO (average), Source: niskin, Subset: chemical



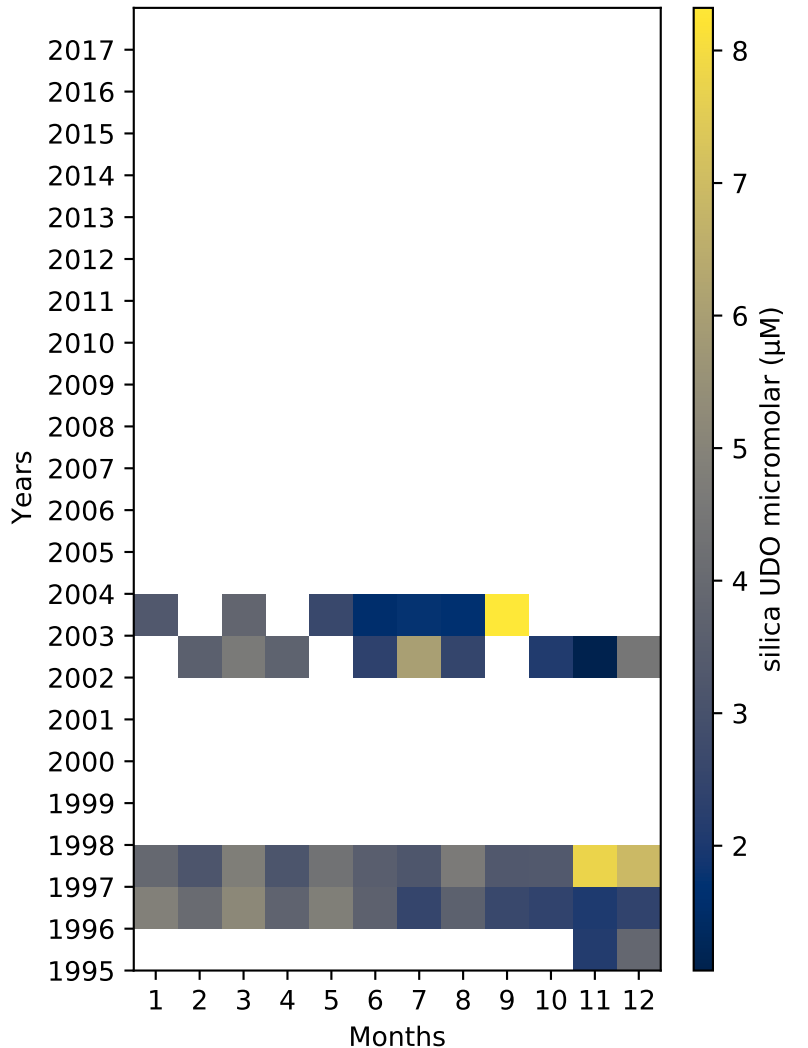
PO4\_UDO



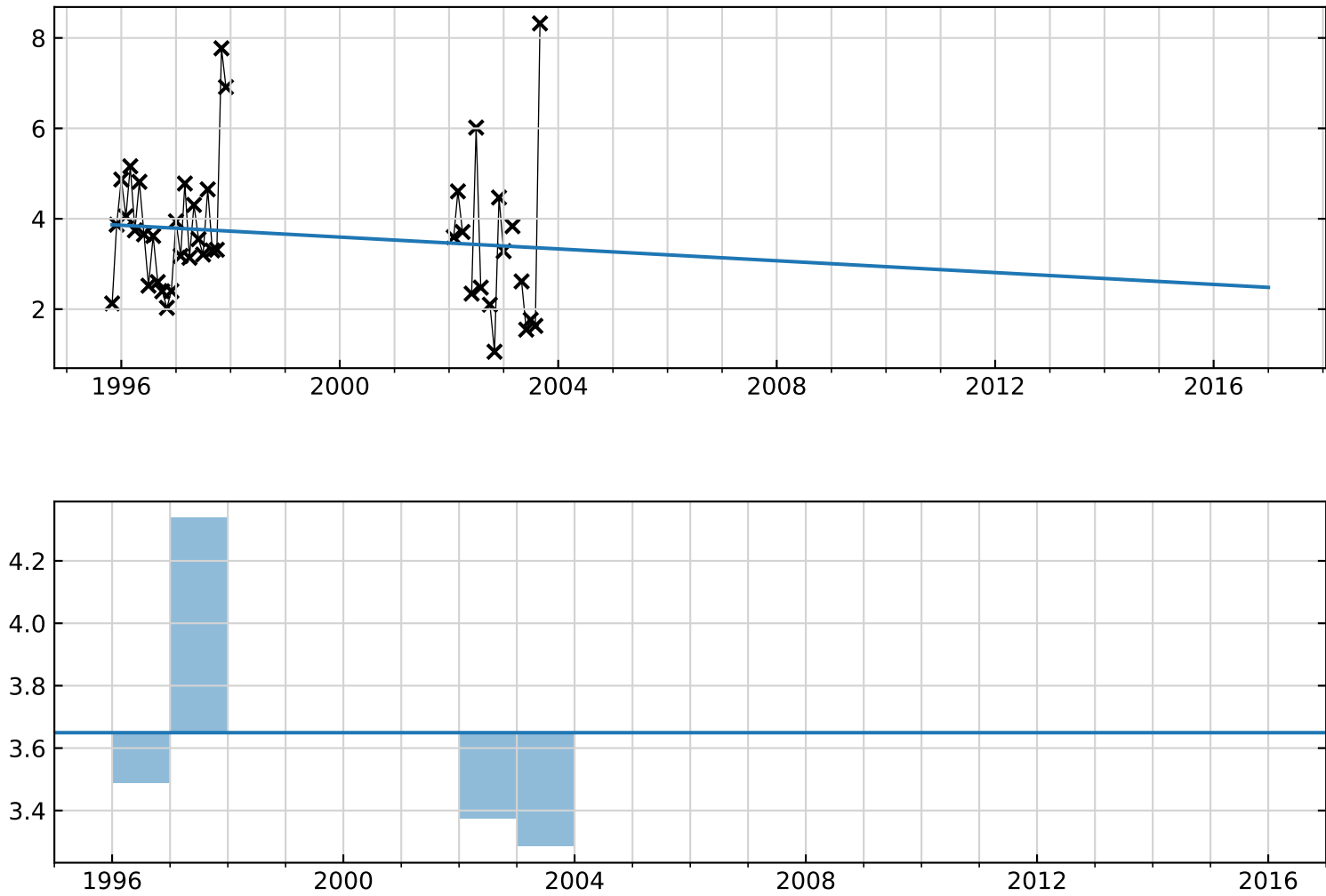
Long name: phosphate UDO (average), Source: niskin, Subset: chemical



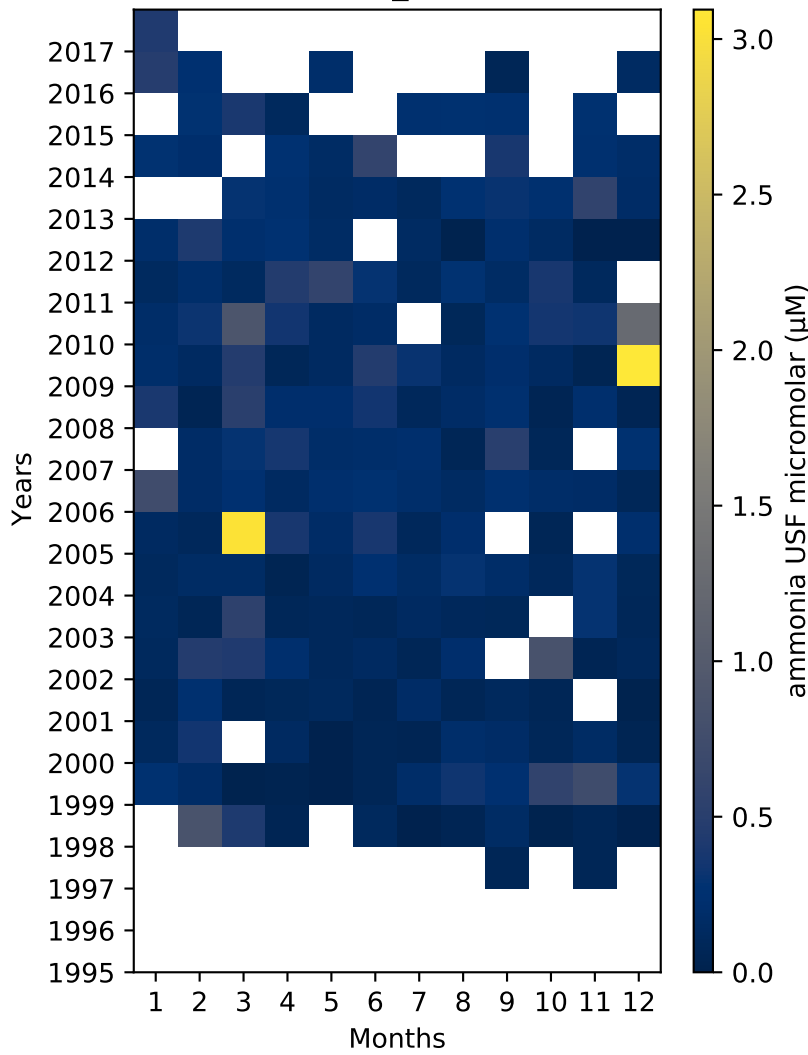
SiO4\_UDO



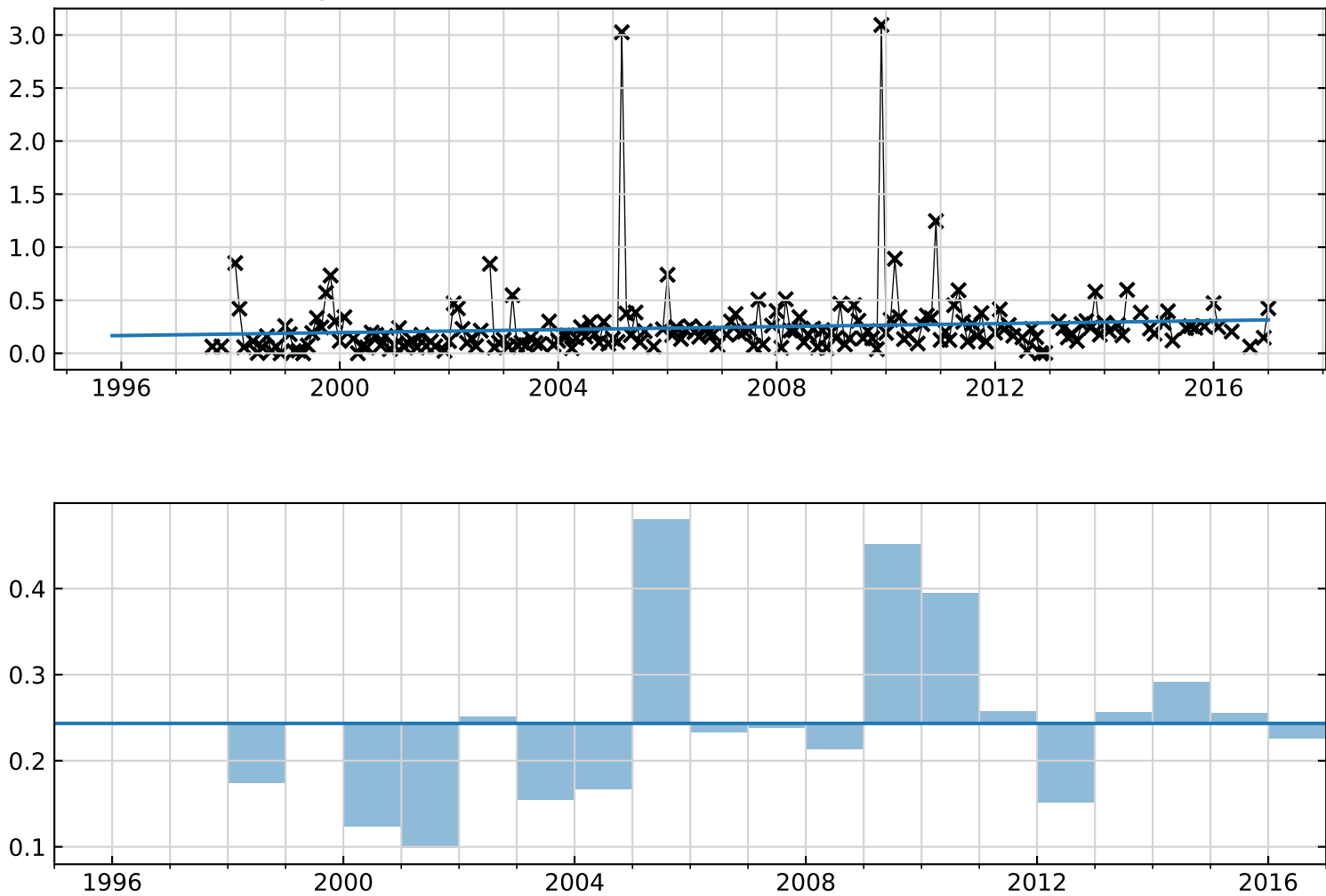
Long name: silica UDO, Source: niskin, Subset: chemical



NH4\_USF

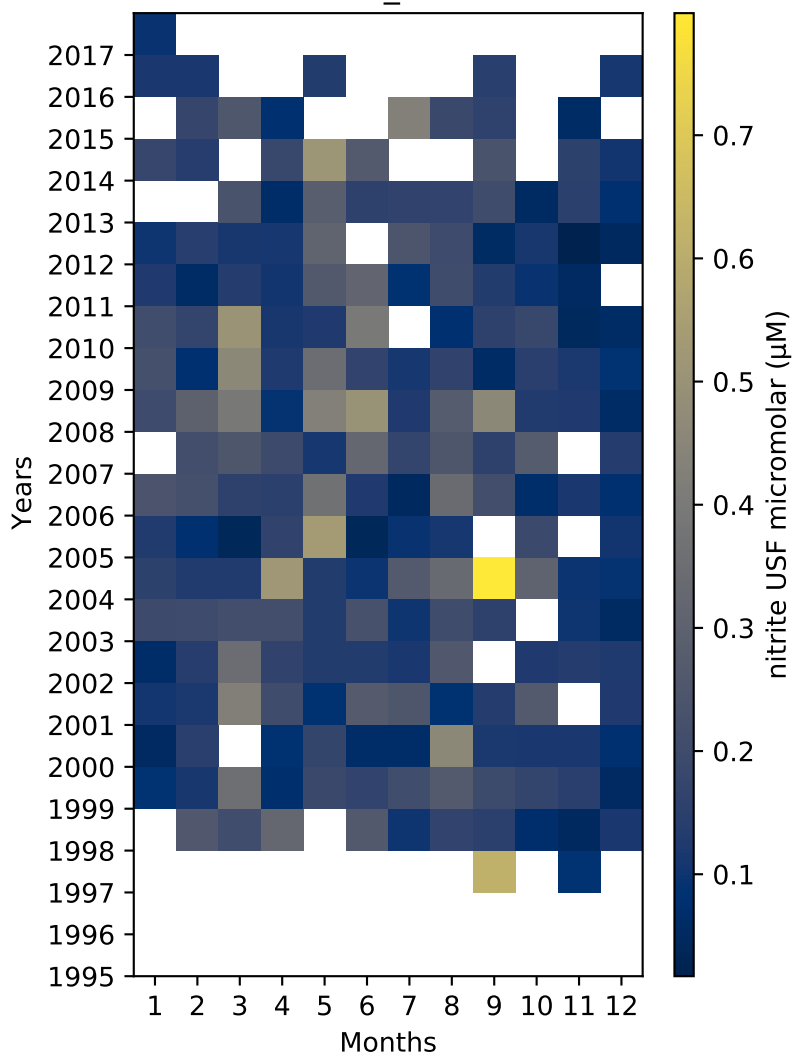


Long name: ammonia USF, Source: niskin, Subset: chemical

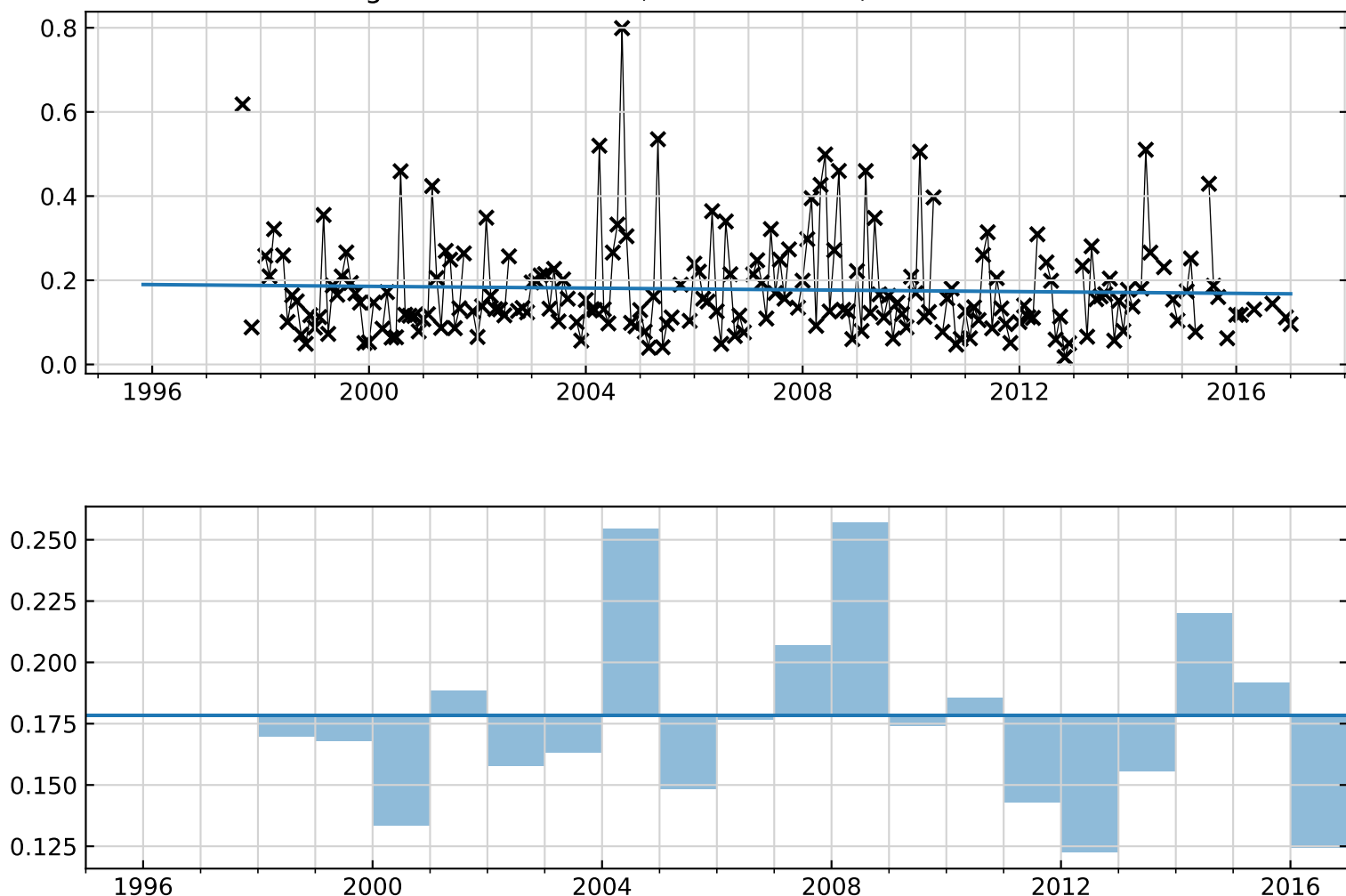




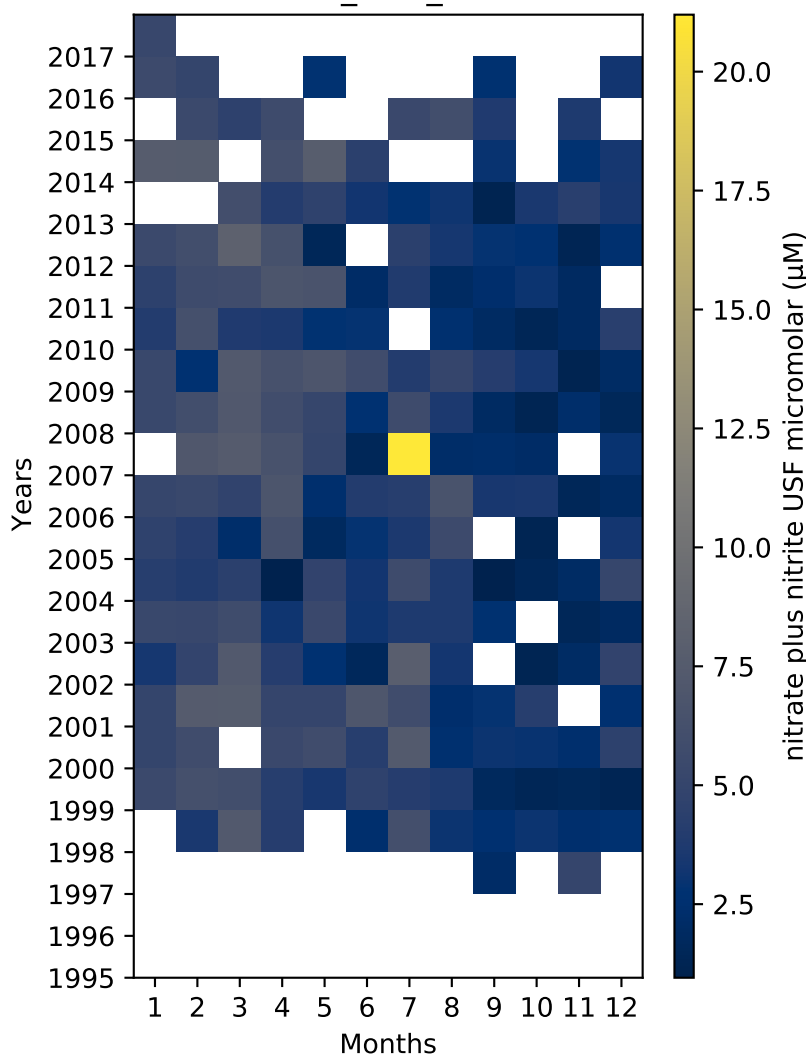
NO2\_USF



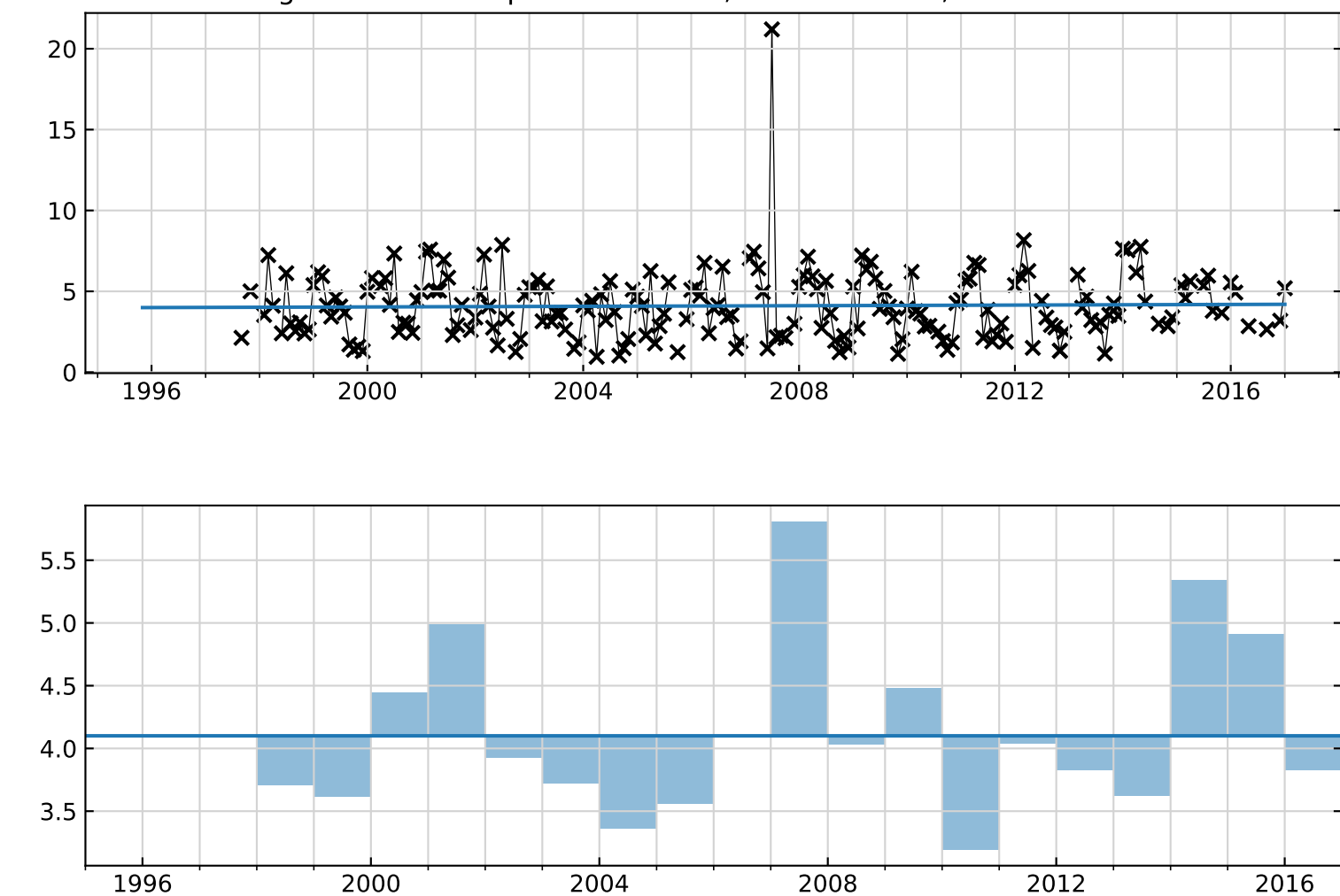
Long name: nitrite USF, Source: niskin, Subset: chemical



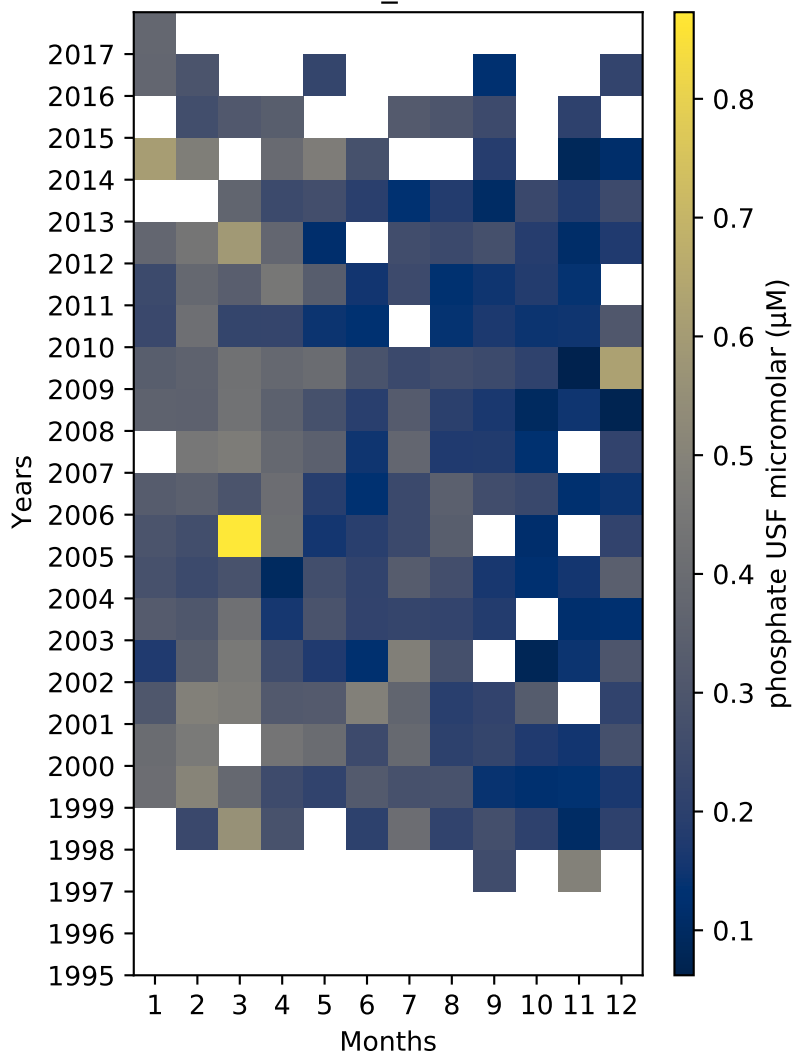
NO3\_NO2\_USF



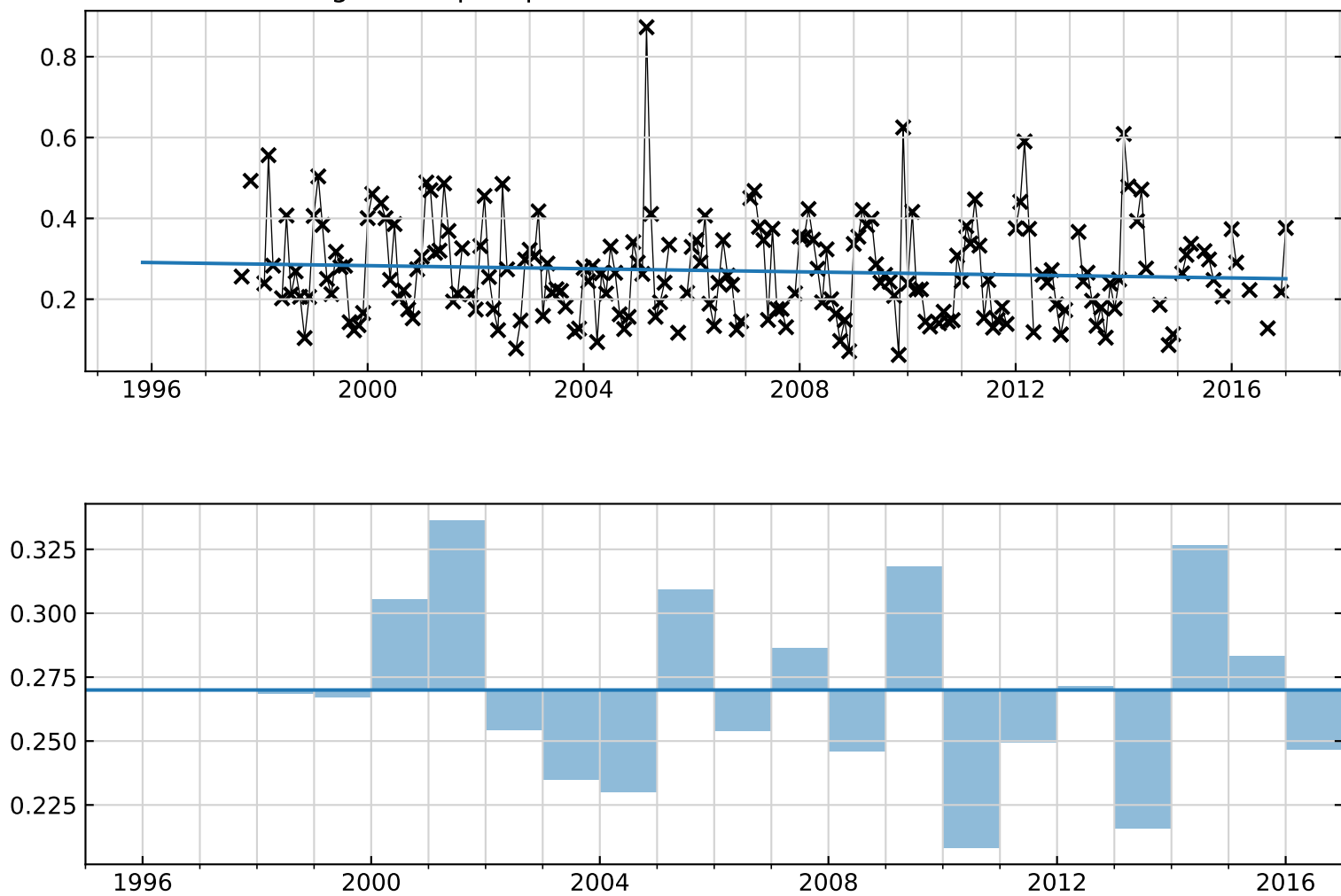
Long name: nitrate plus nitrite USF, Source: niskin, Subset: chemical



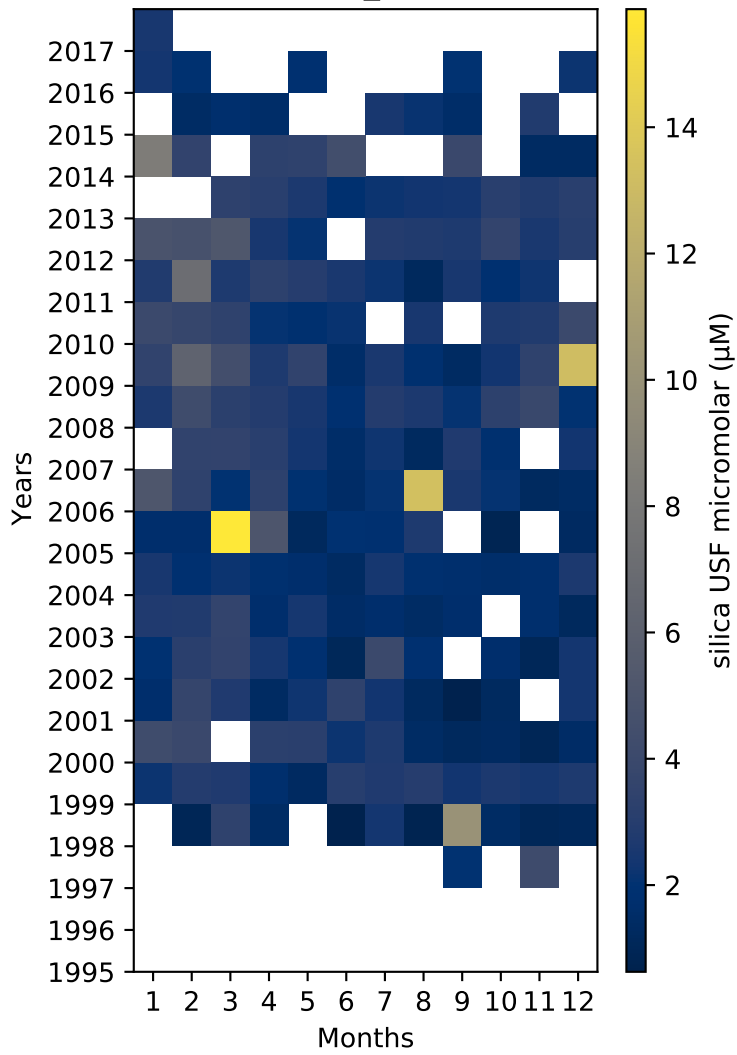
PO4\_USF



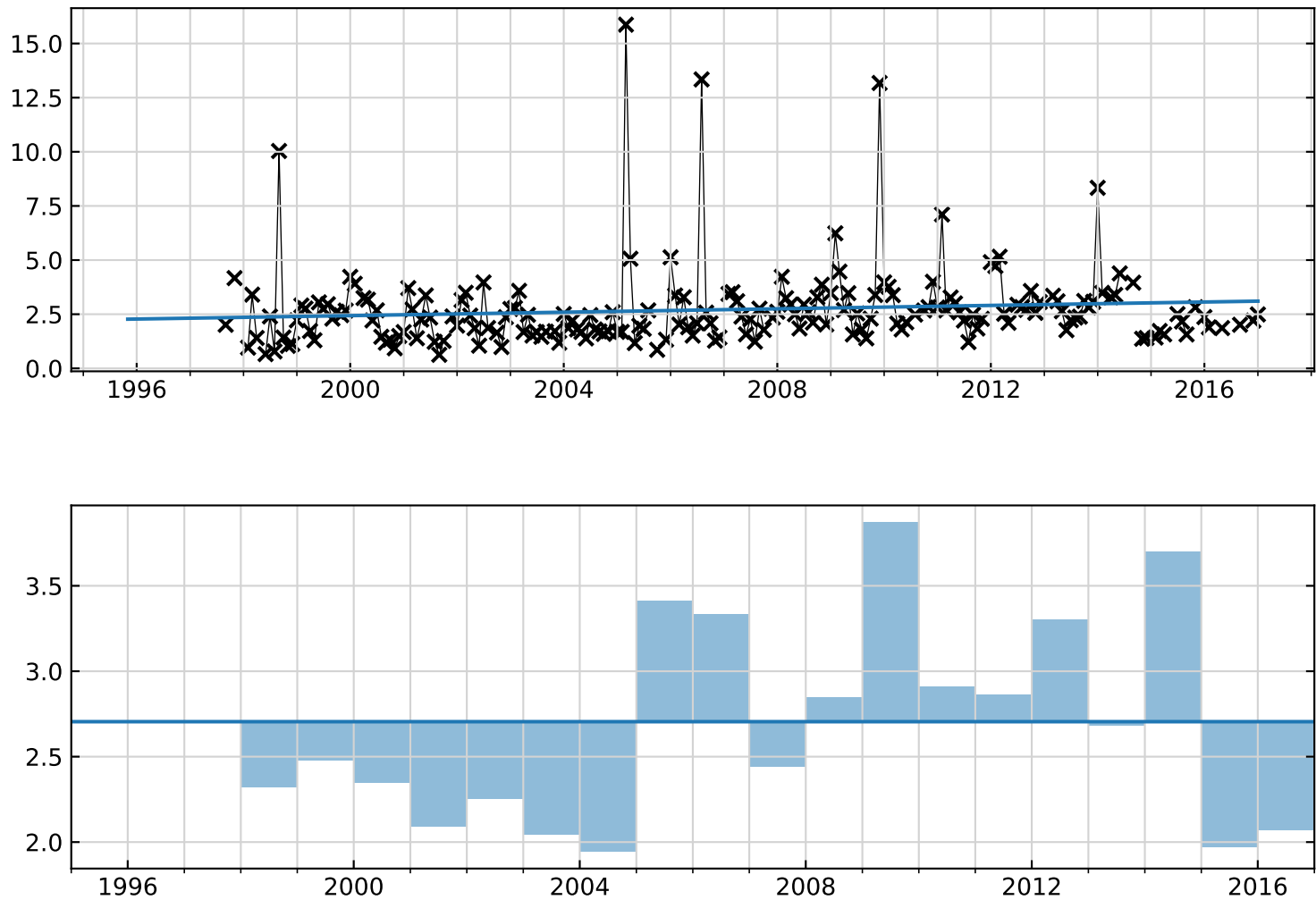
Long name: phosphate USF, Source: niskin, Subset: chemical



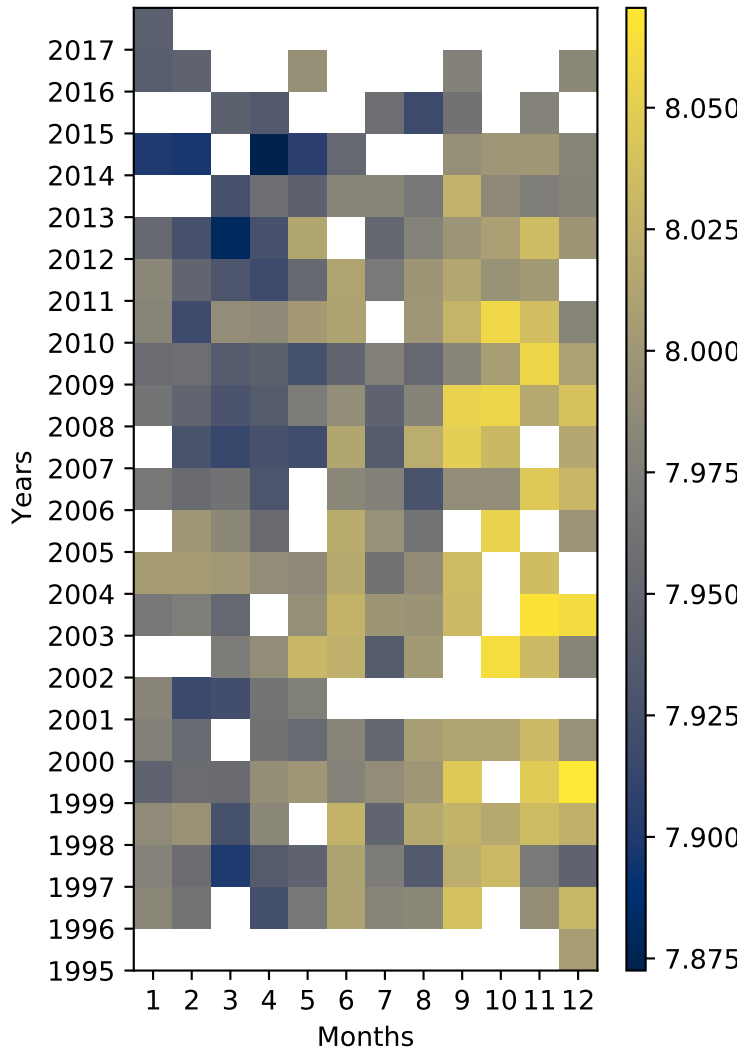
SiO4\_USF



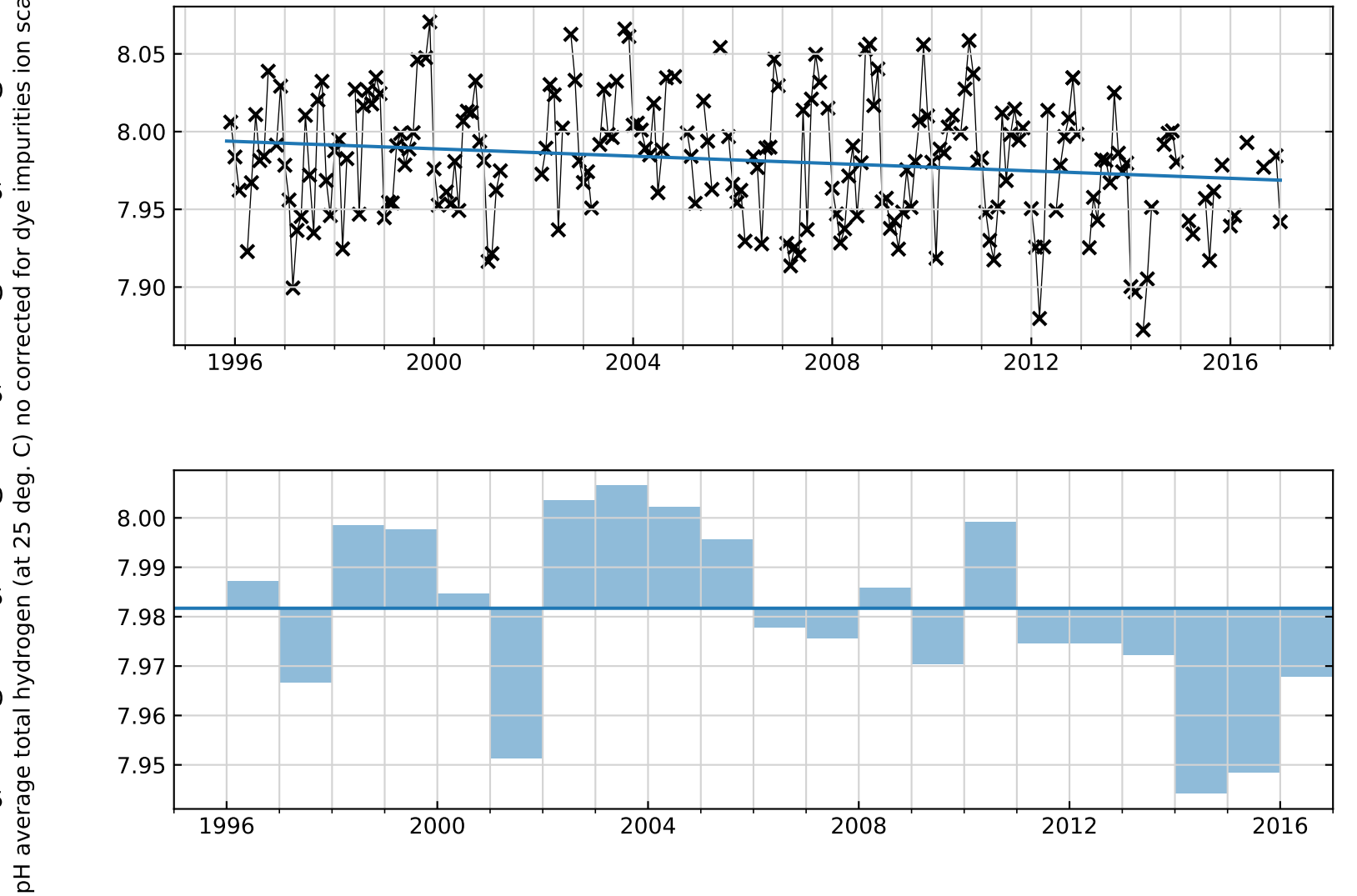
Long name: silica USF, Source: niskin, Subset: chemical



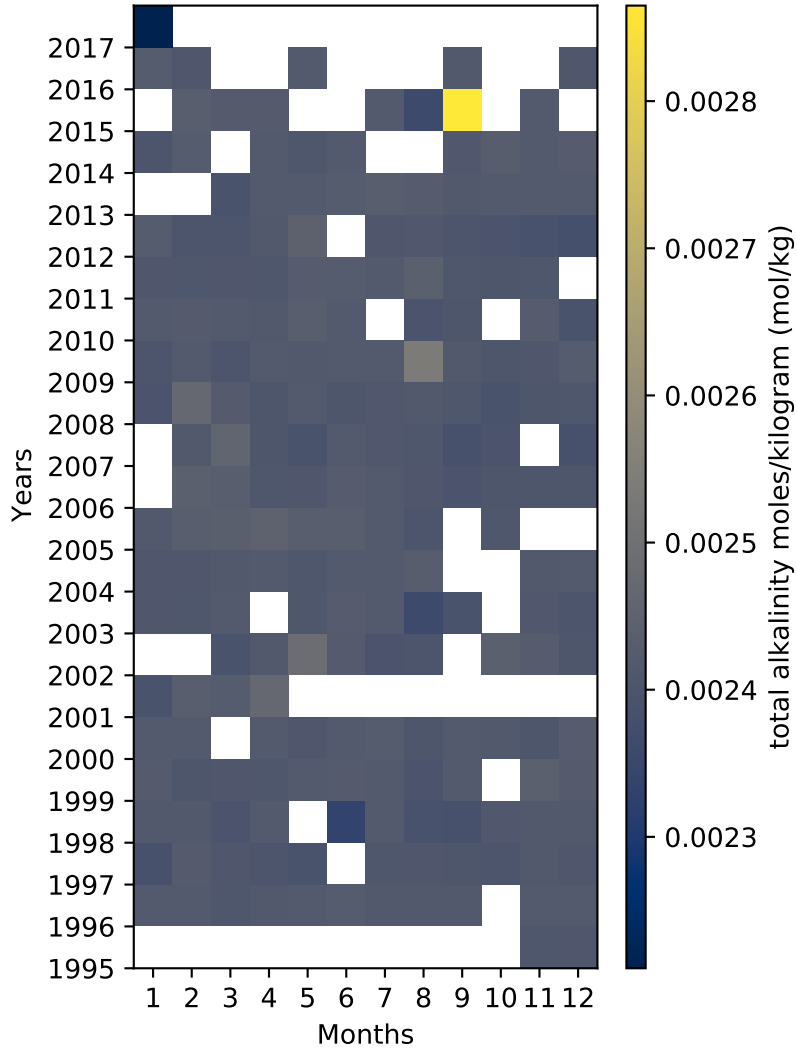
pH



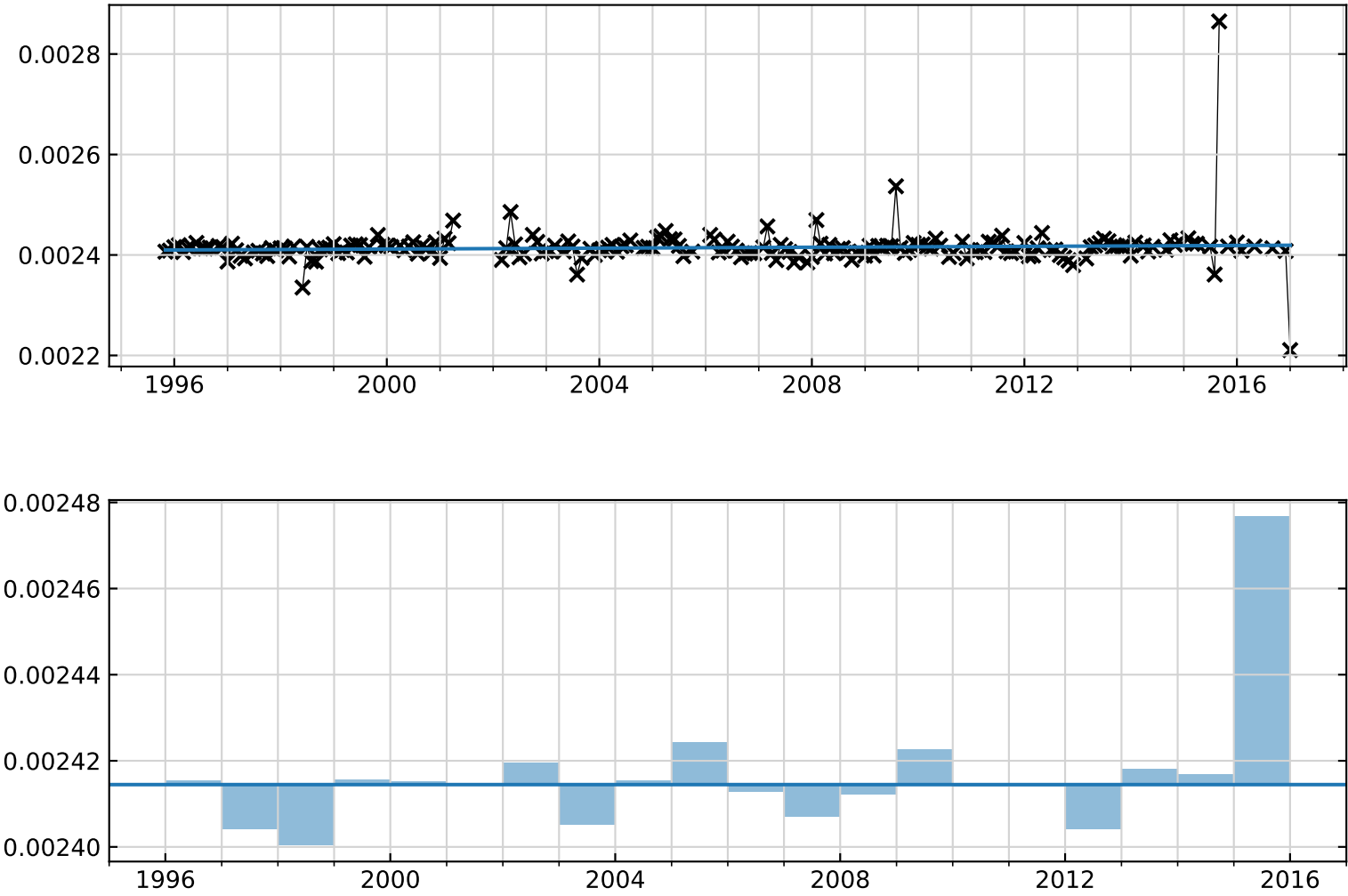
Longname: pH average total hydrogen (at 25 deg. C) no corrected for dye impurities, Source: niskin, Su



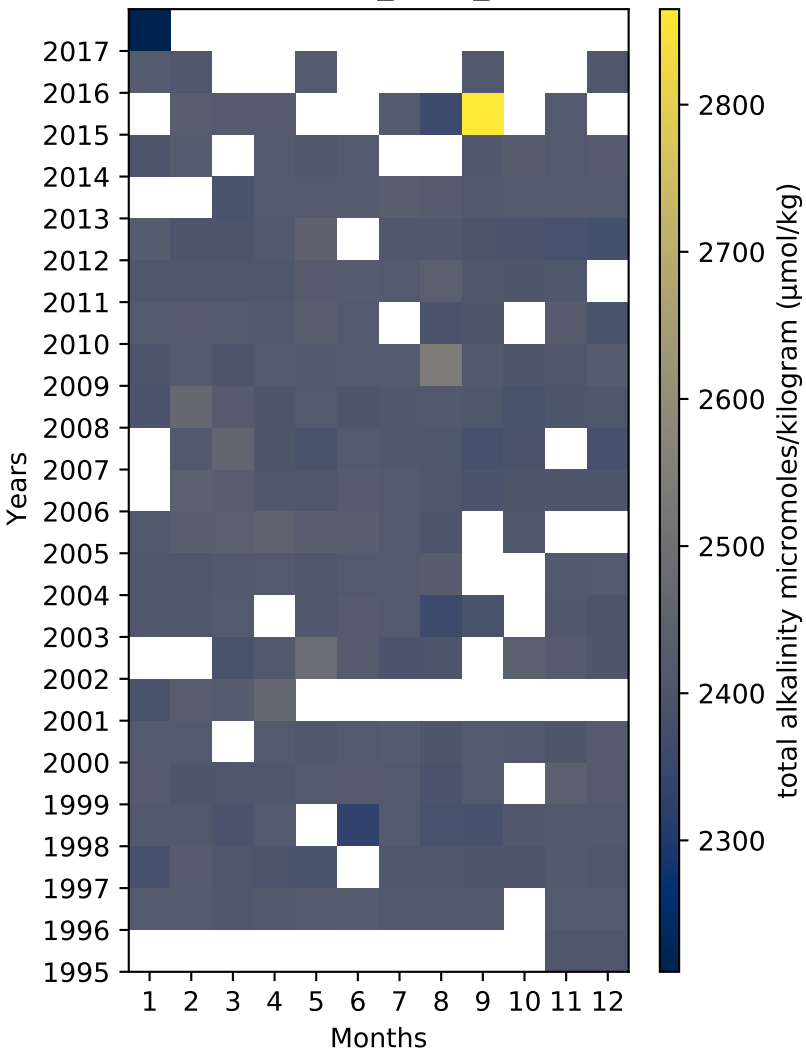
Alkalinity\_mol\_kg



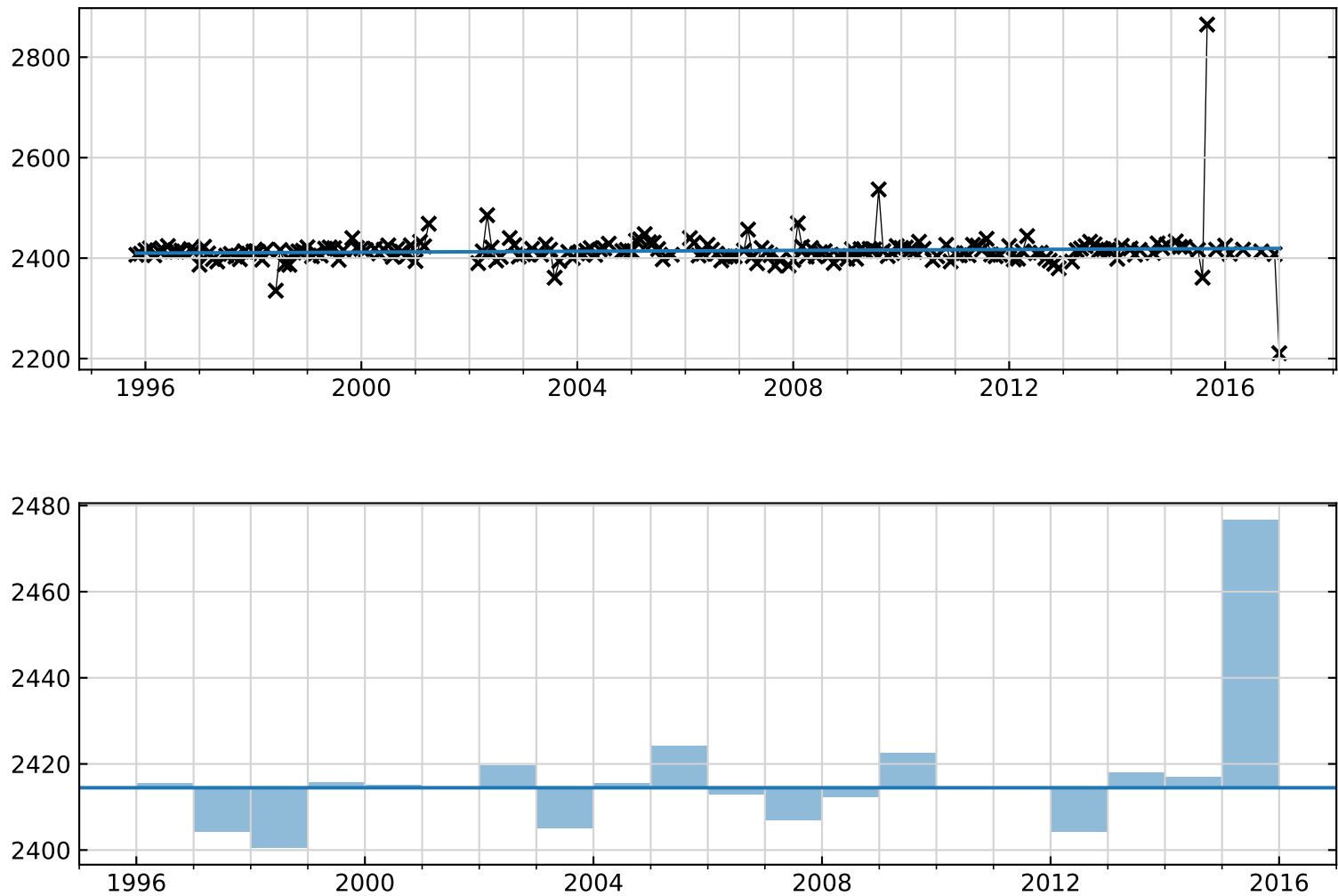
Long name: total alkalinity, Source: niskin, Subset: chemical



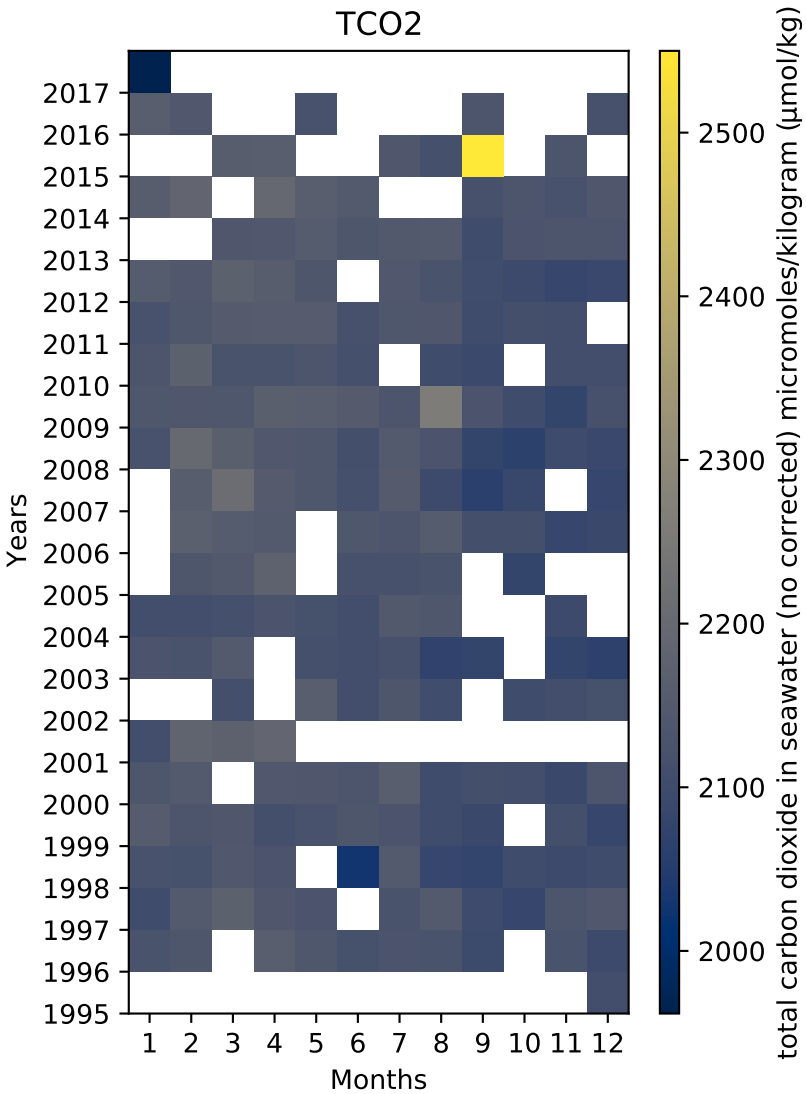
Alkalinity\_μmol/kg



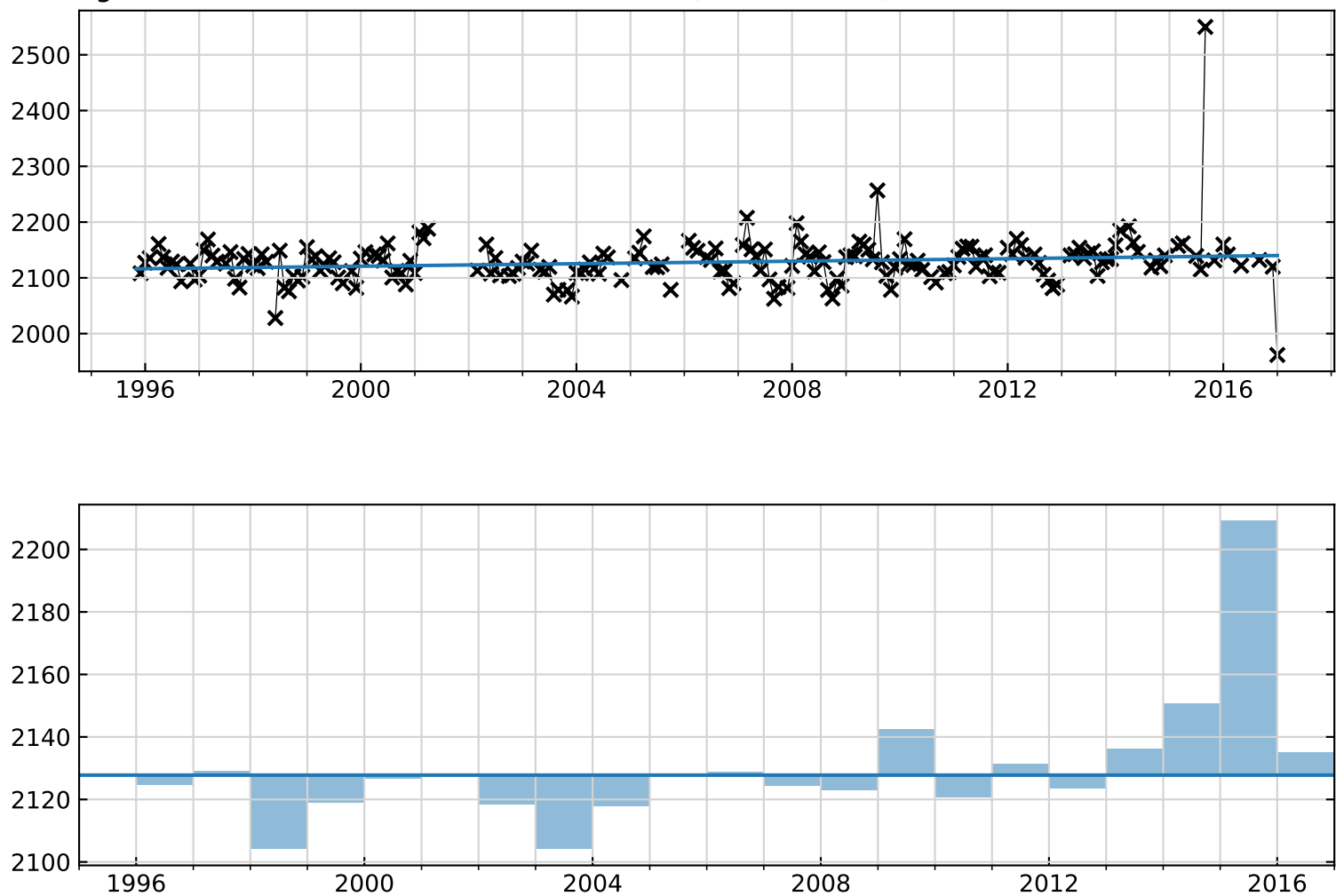
Long name: total alkalinity, Source: niskin, Subset: chemical



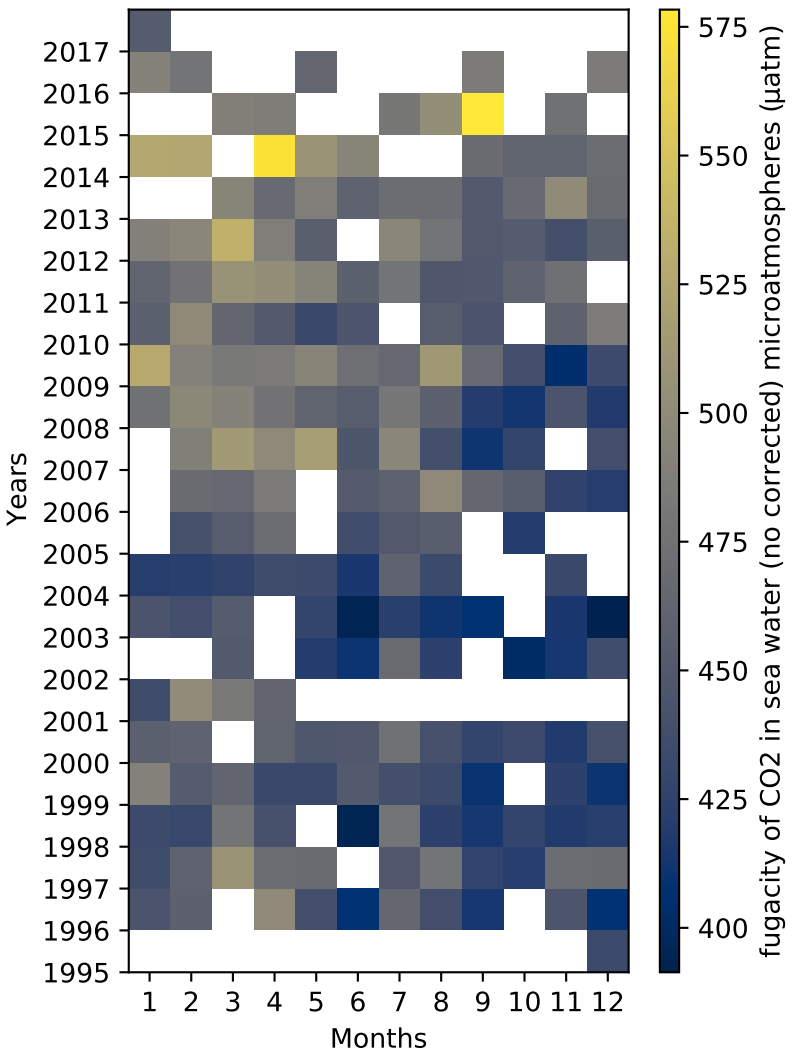
TCO2



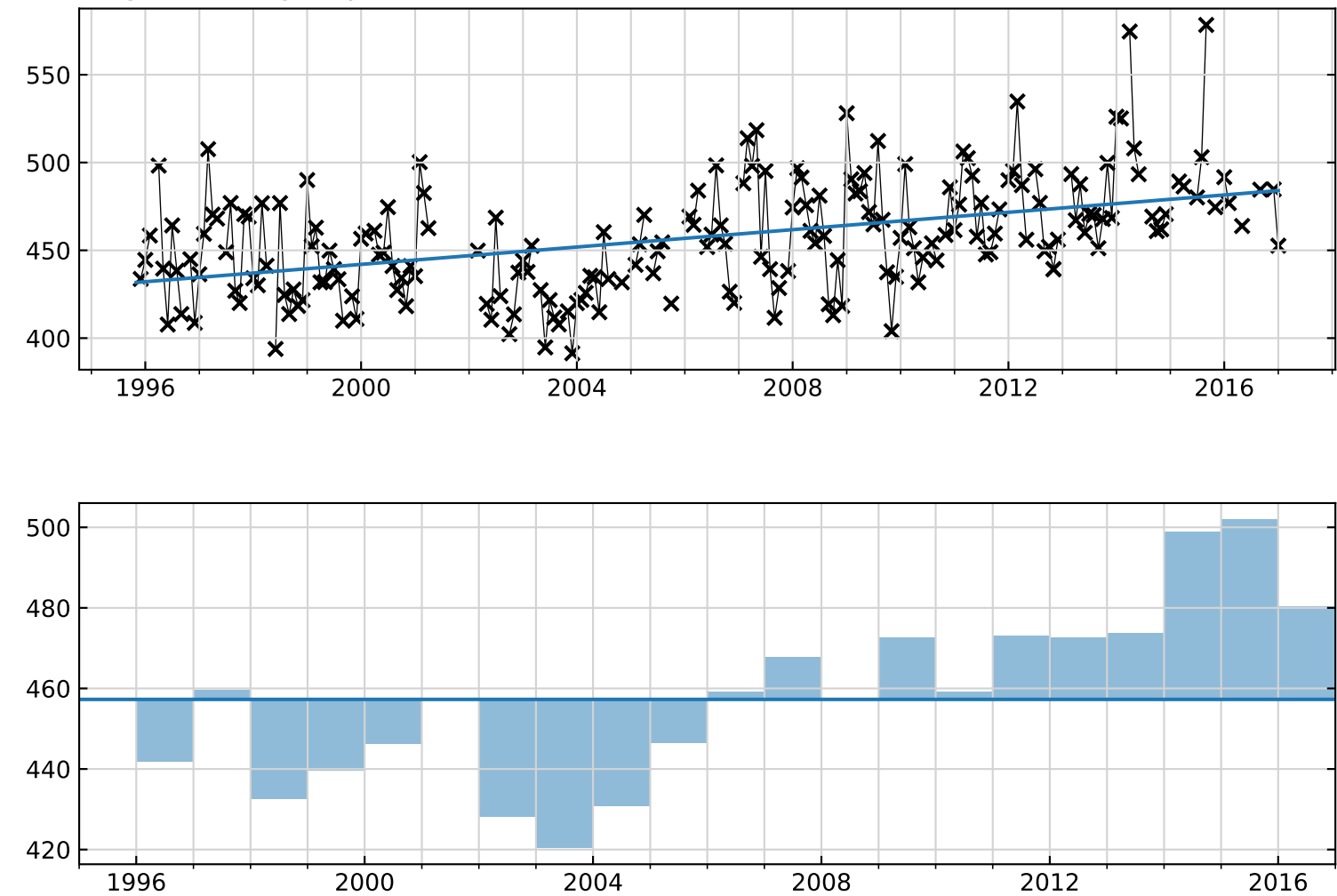
Long name: total carbon dioxide in seawater (no corrected), Source: niskin, Subset: chemical

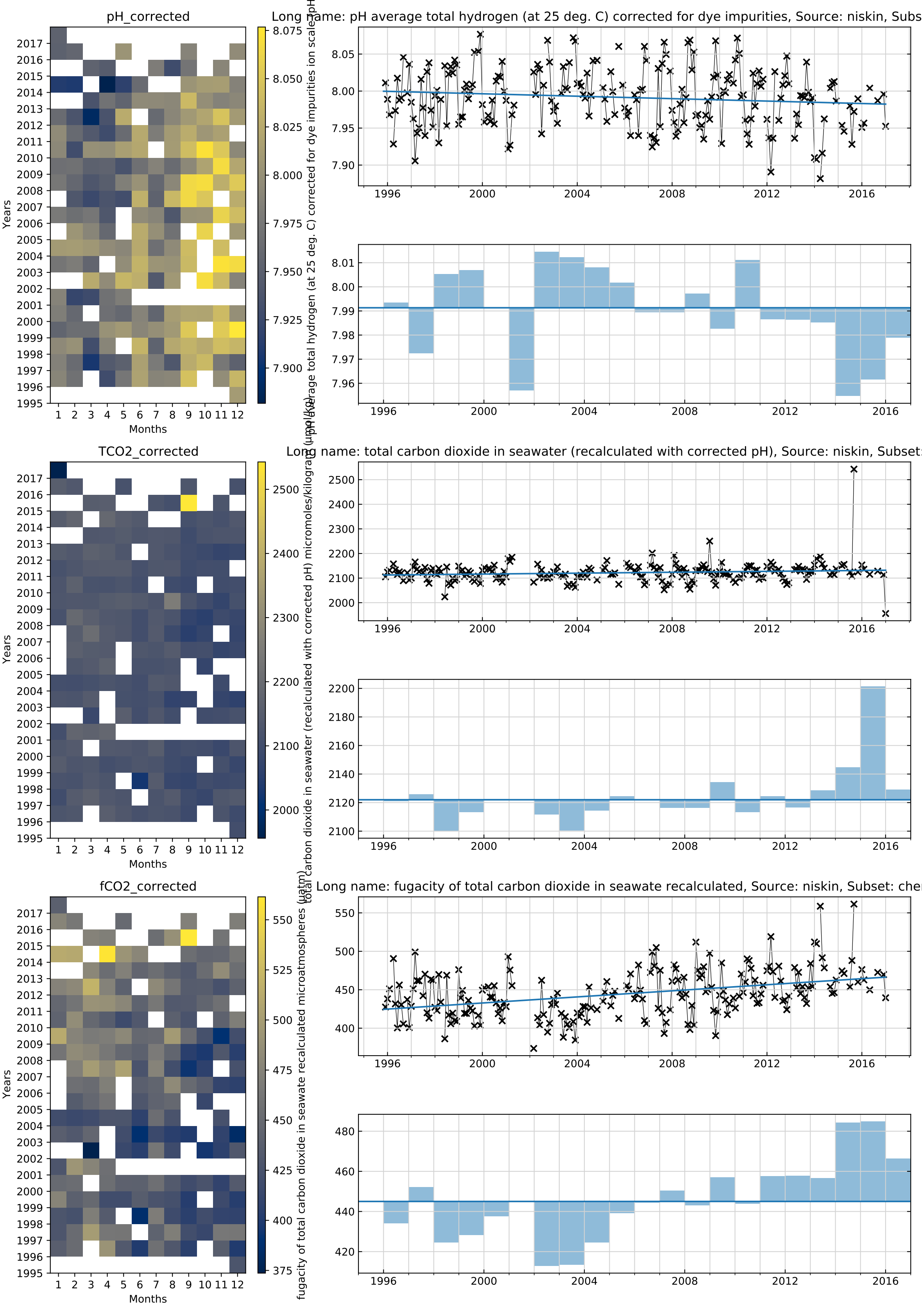


fCO2



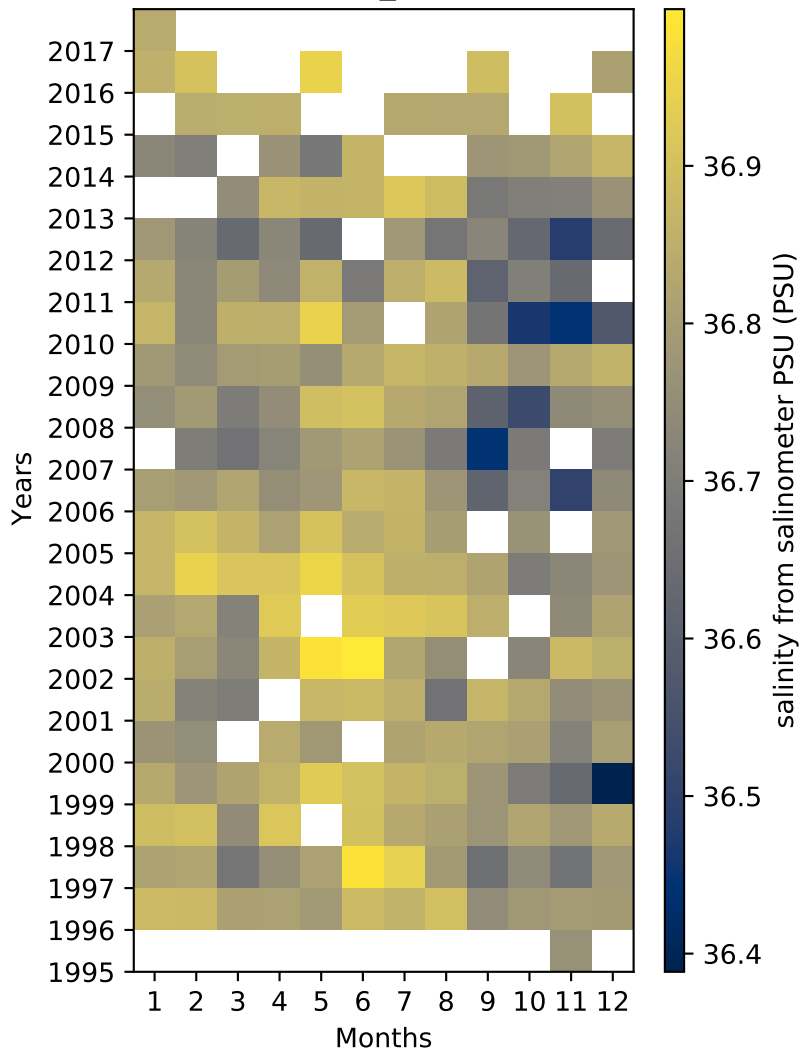
Long name: fugacity of CO2 in sea water (no corrected), Source: niskin, Subset: chemical



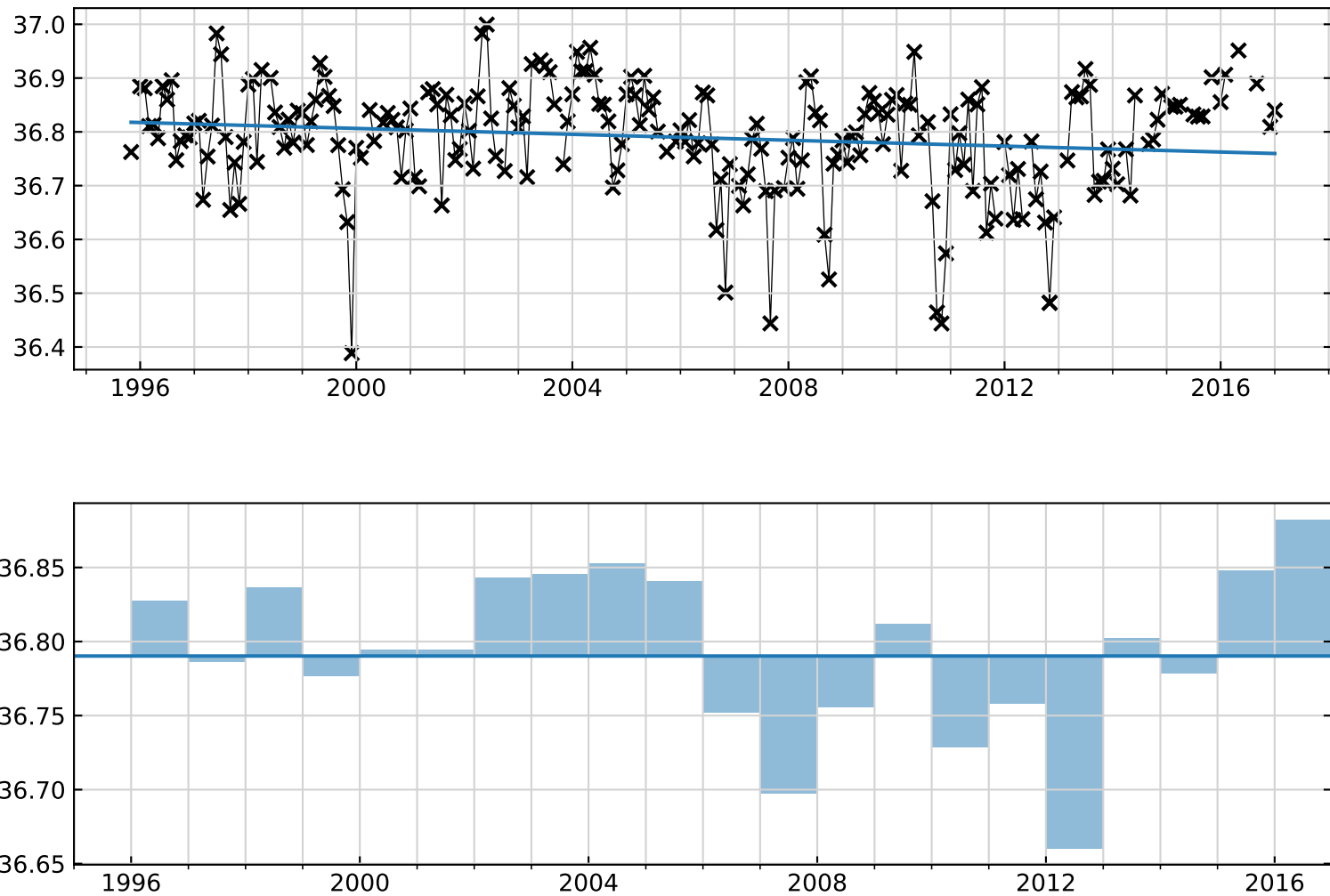




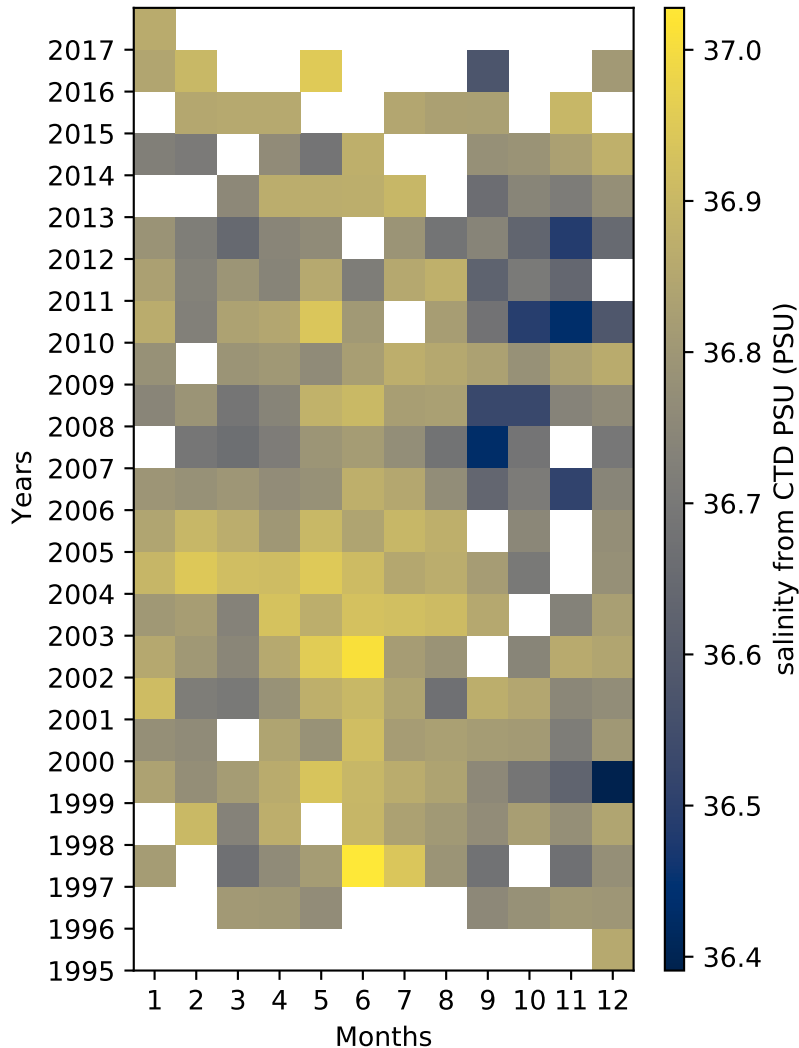
Salinity\_bottles



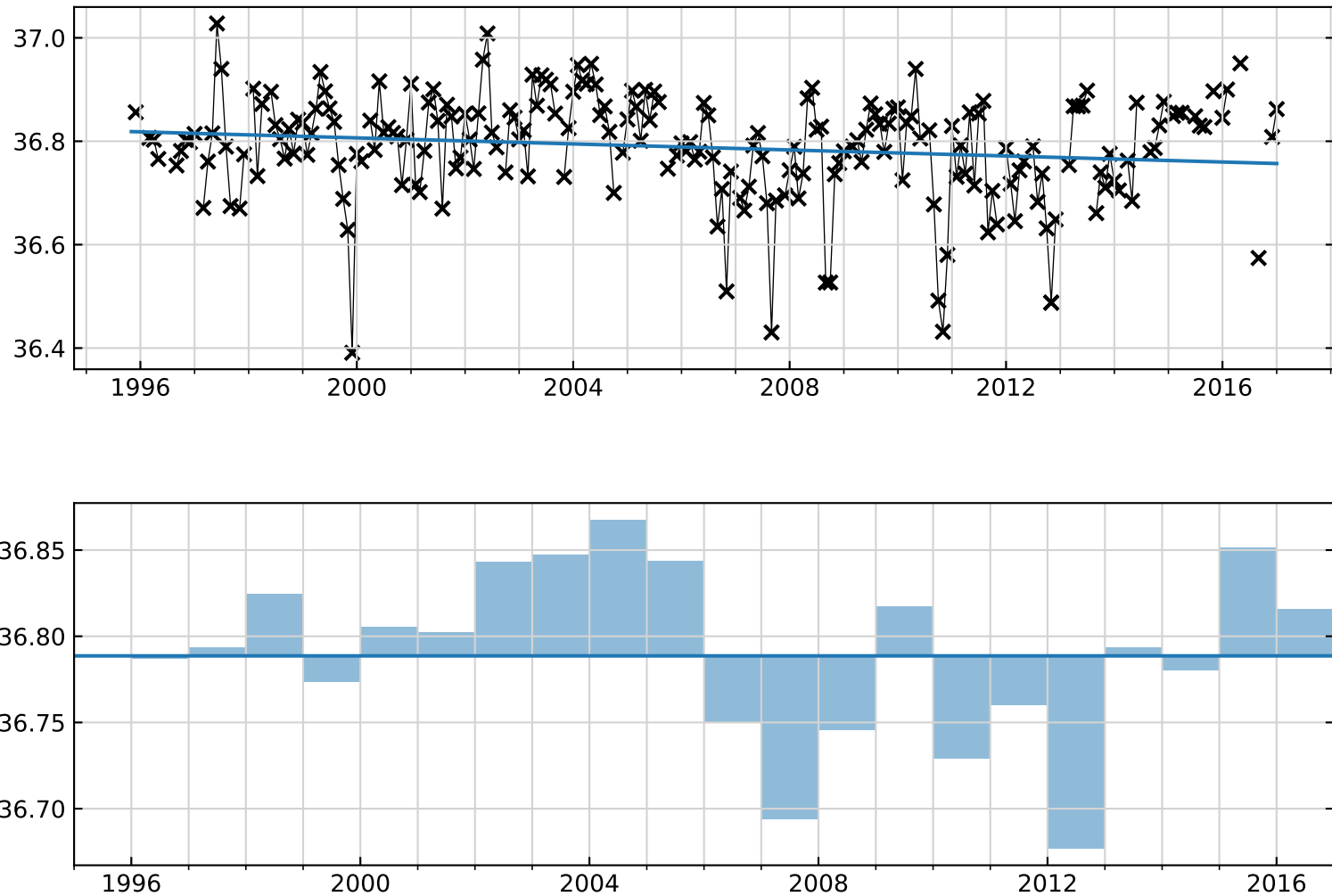
Long name: salinity from salinometer, Source: niskin, Subset: physical



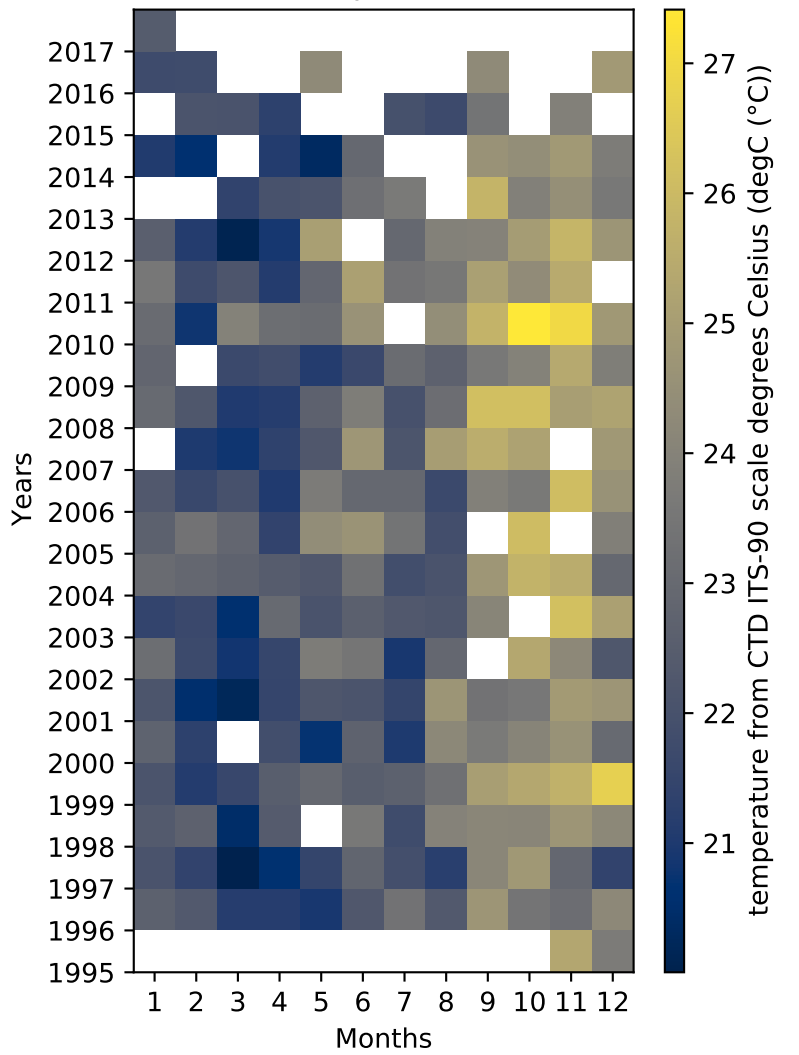
Salinity\_CTD



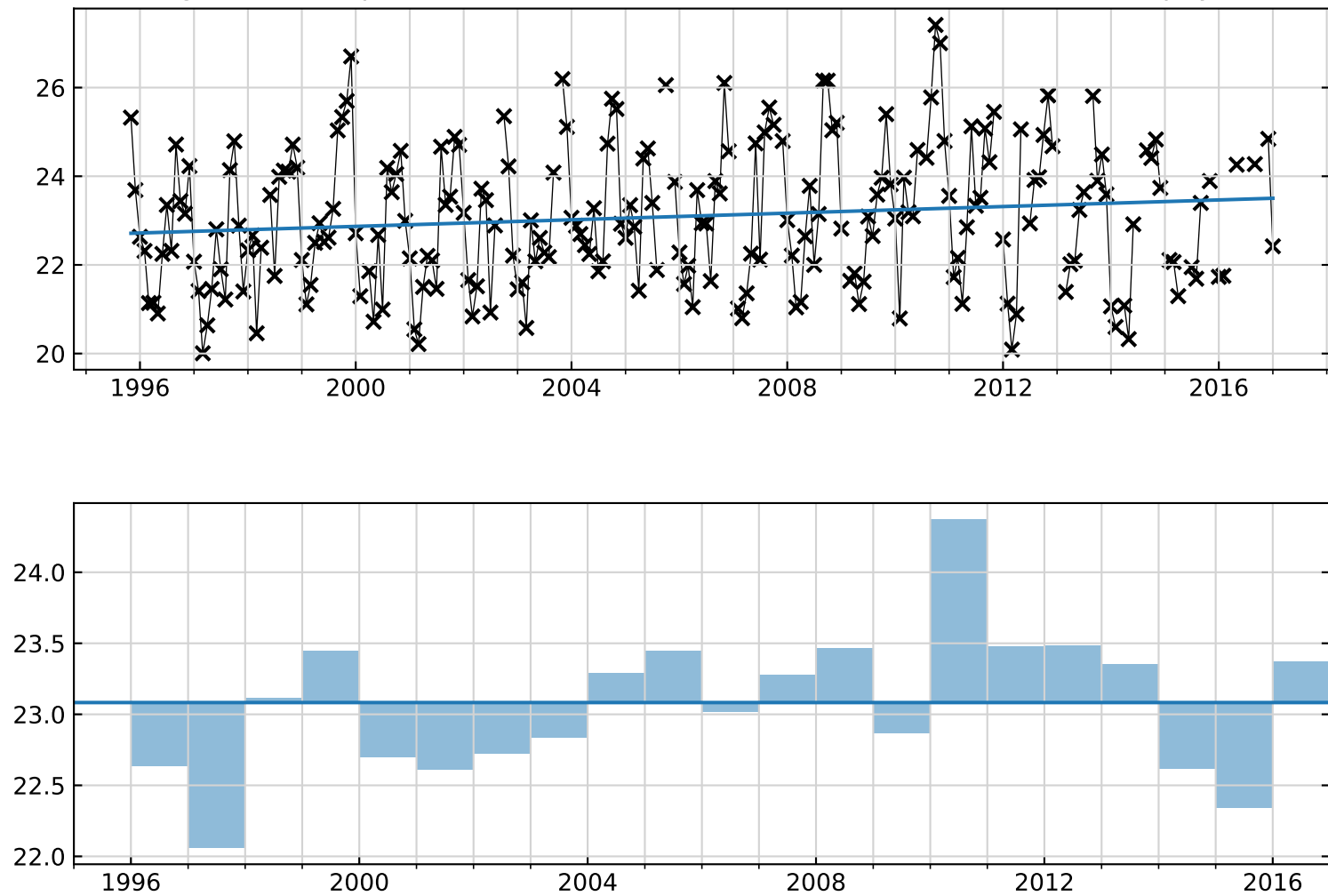
Long name: salinity from CTD, Source: niskin, Subset: physical



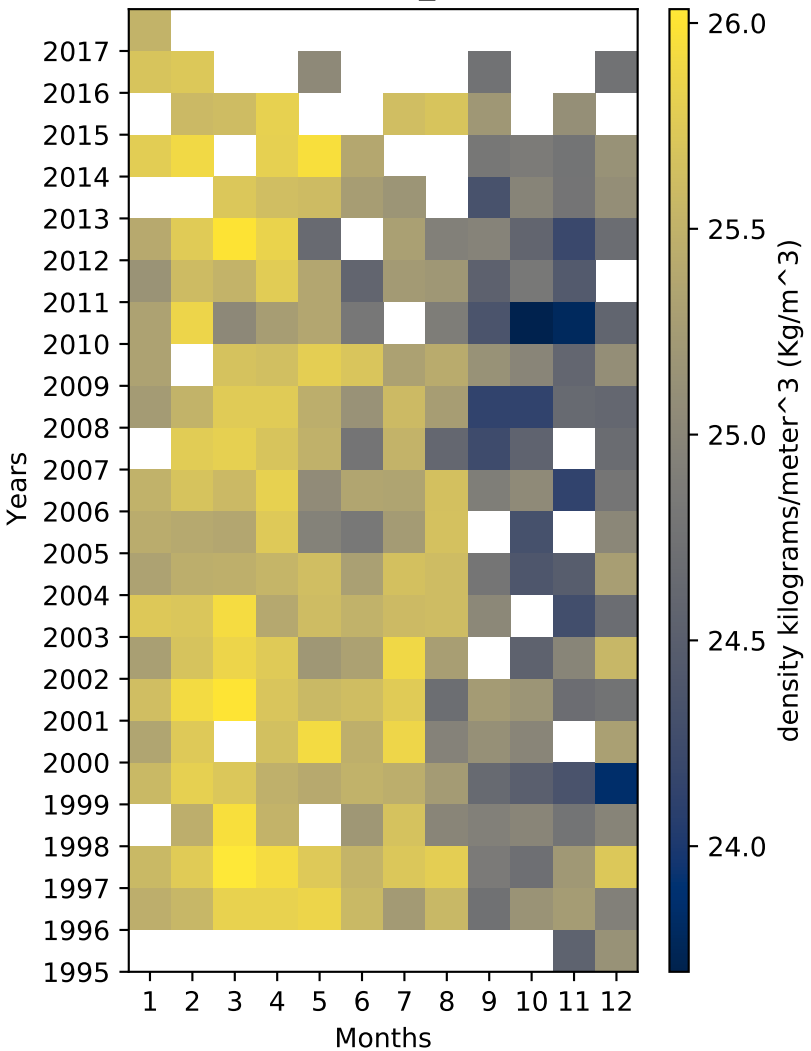
Temperature



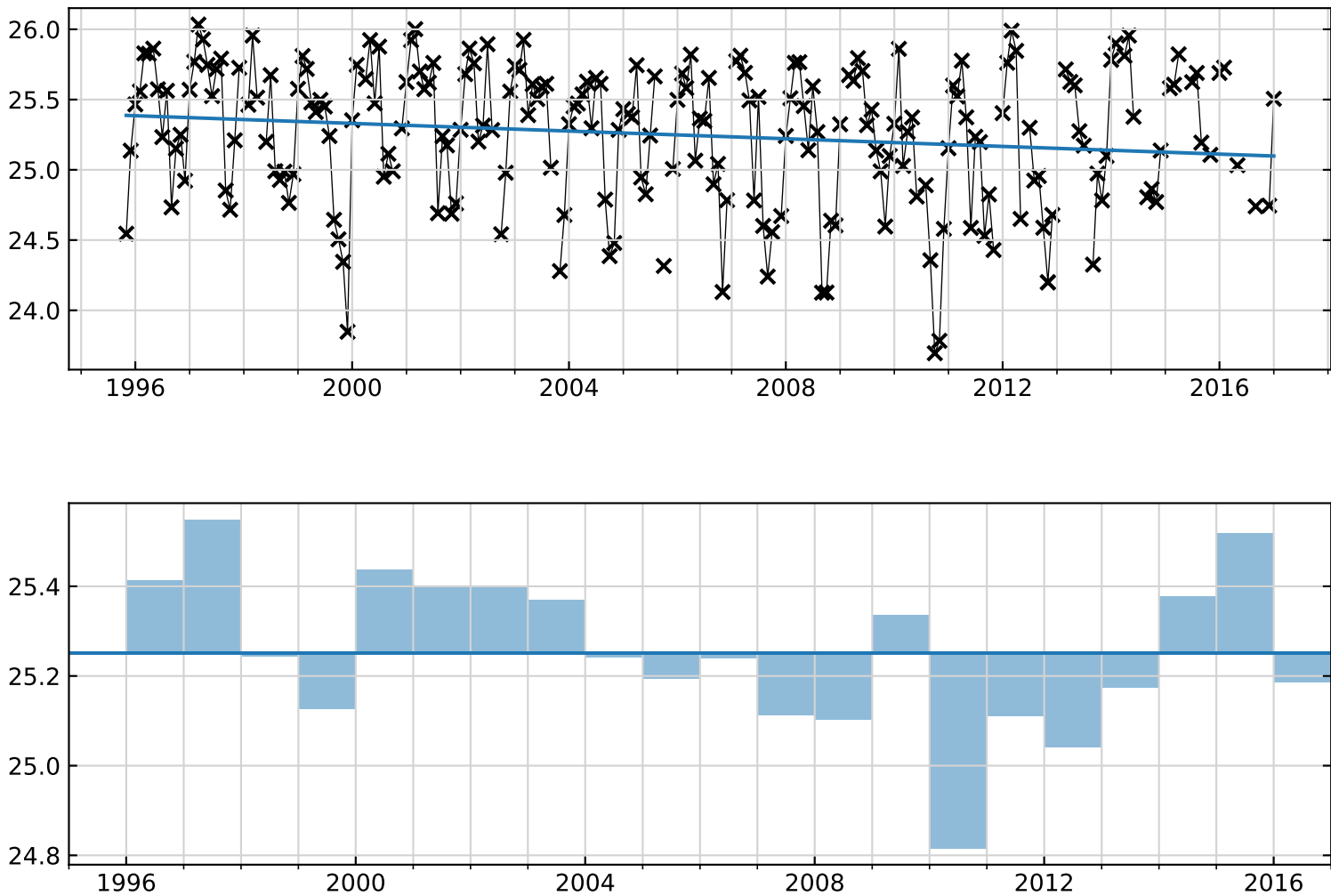
Long name: temperature from CTD ITS-90 scale, Source: niskin, Subset: physical



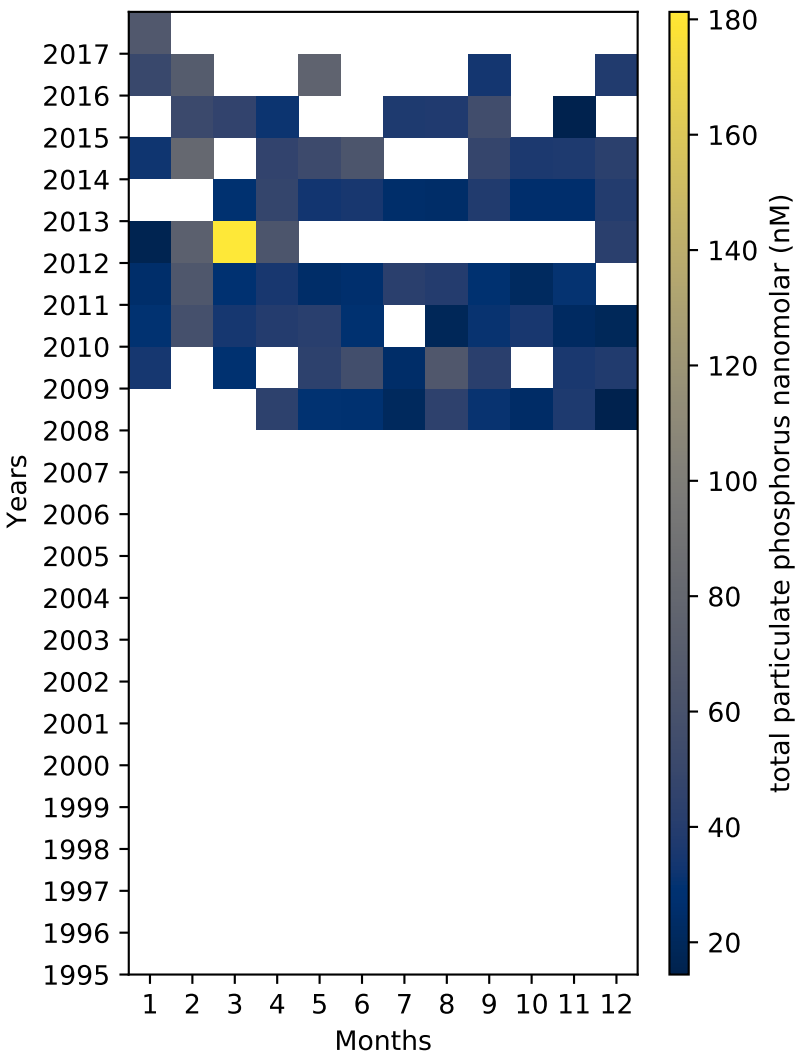
Sigma\_t



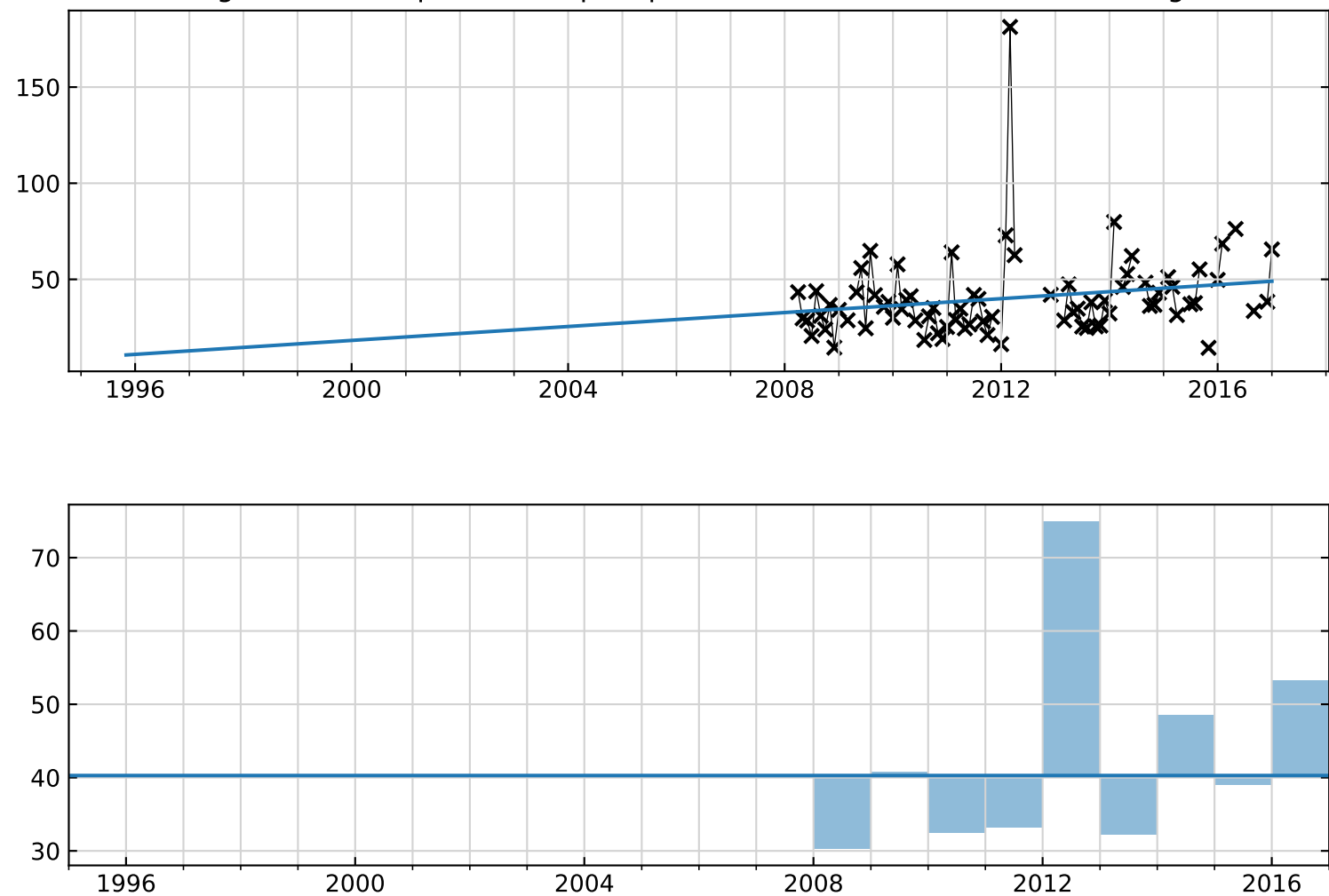
Long name: density, Source: niskin, Subset: physical



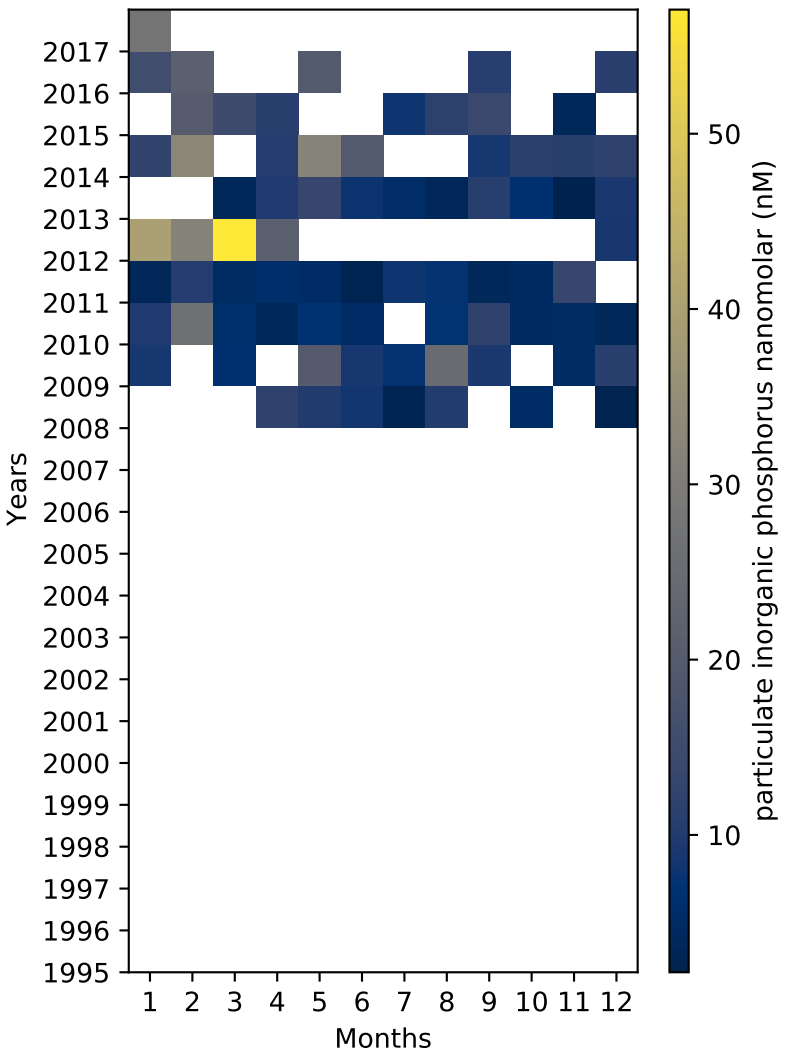
TPP



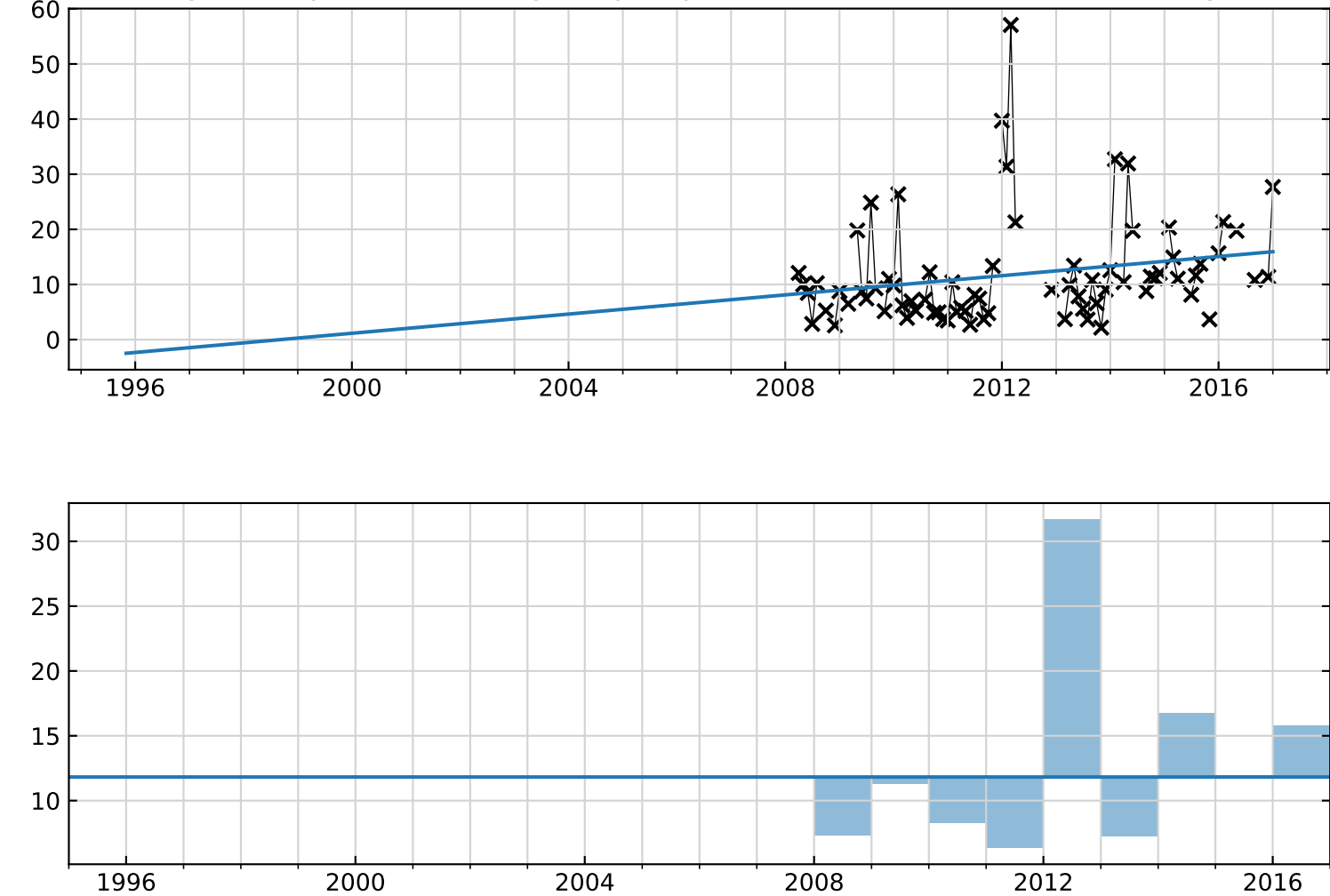
Long name: total particulate phosphorus, Source: niskin, Subset: biological



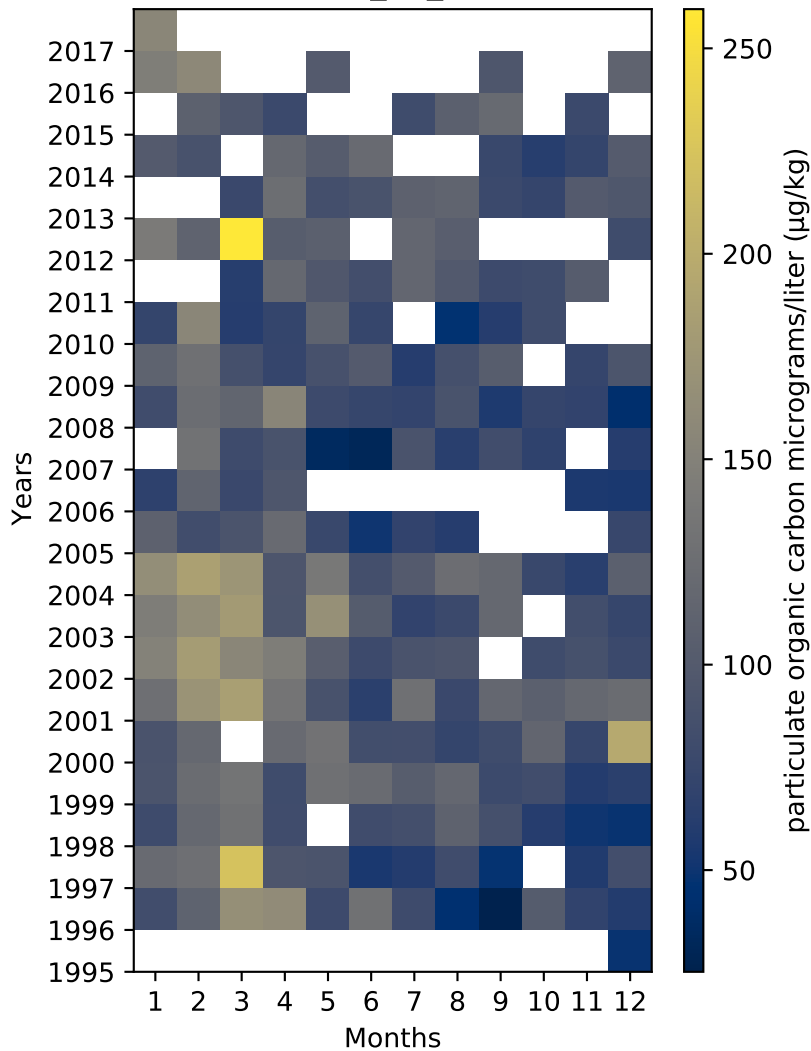
PIP



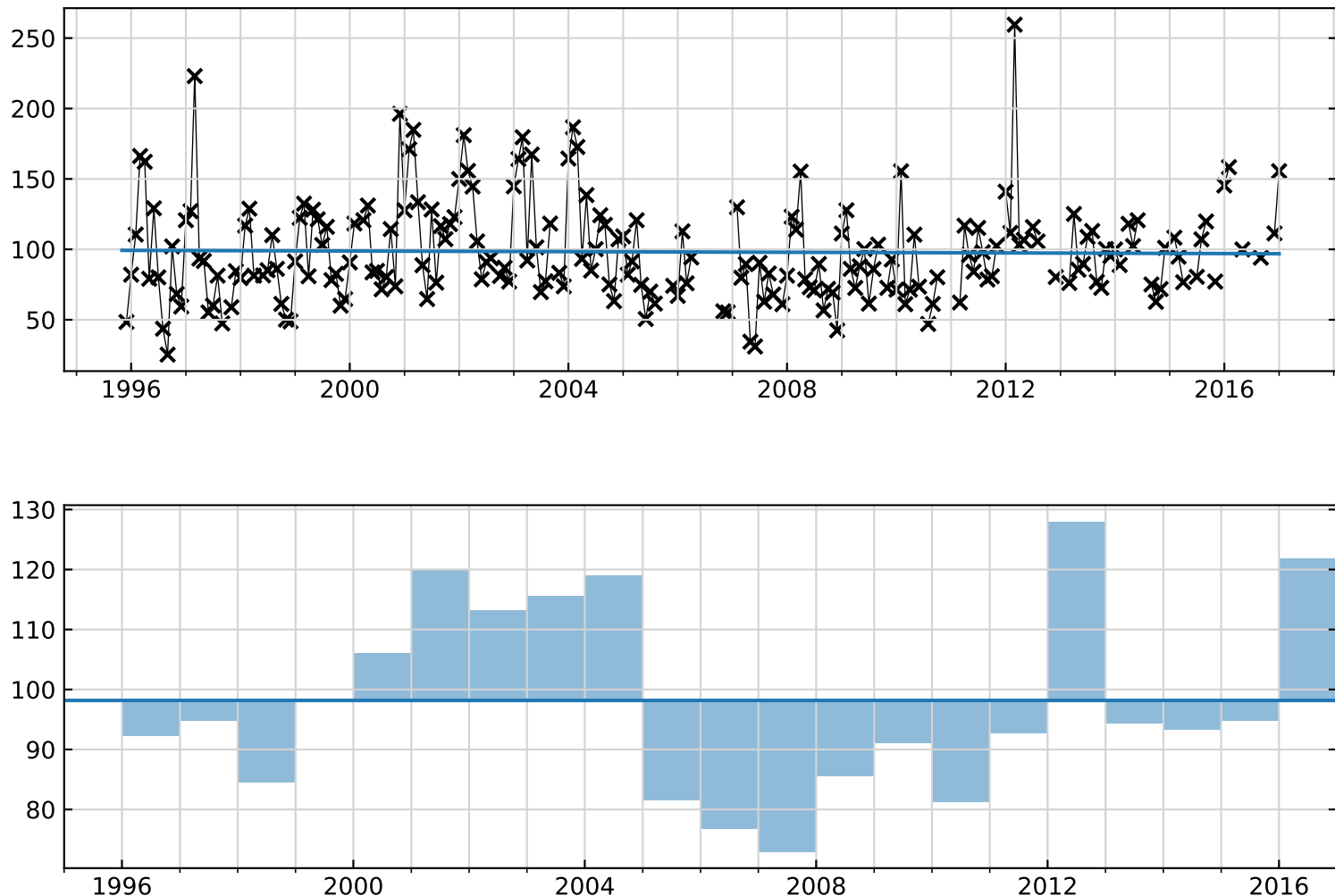
Long name: particulate inorganic phosphorus, Source: niskin, Subset: biological



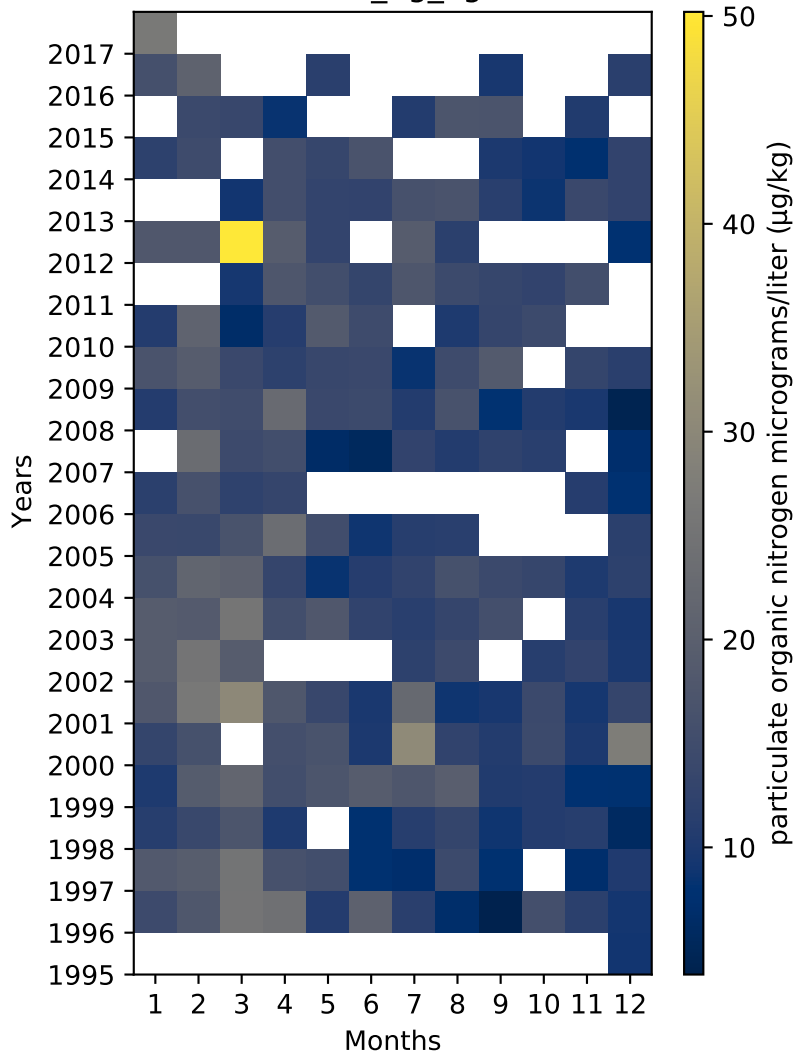
POC\_ug\_kg



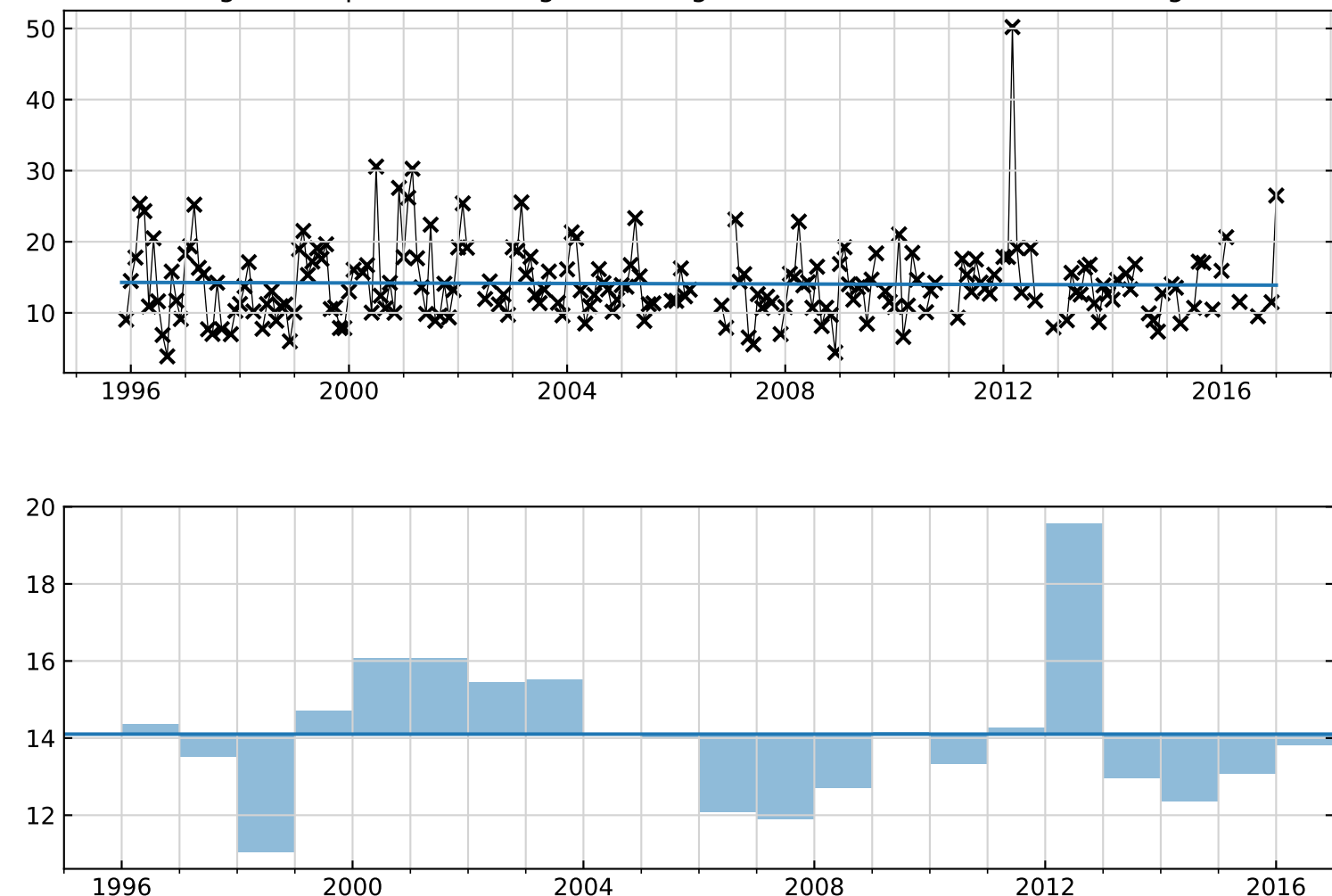
Long name: particulate organic carbon, Source: niskin, Subset: biological



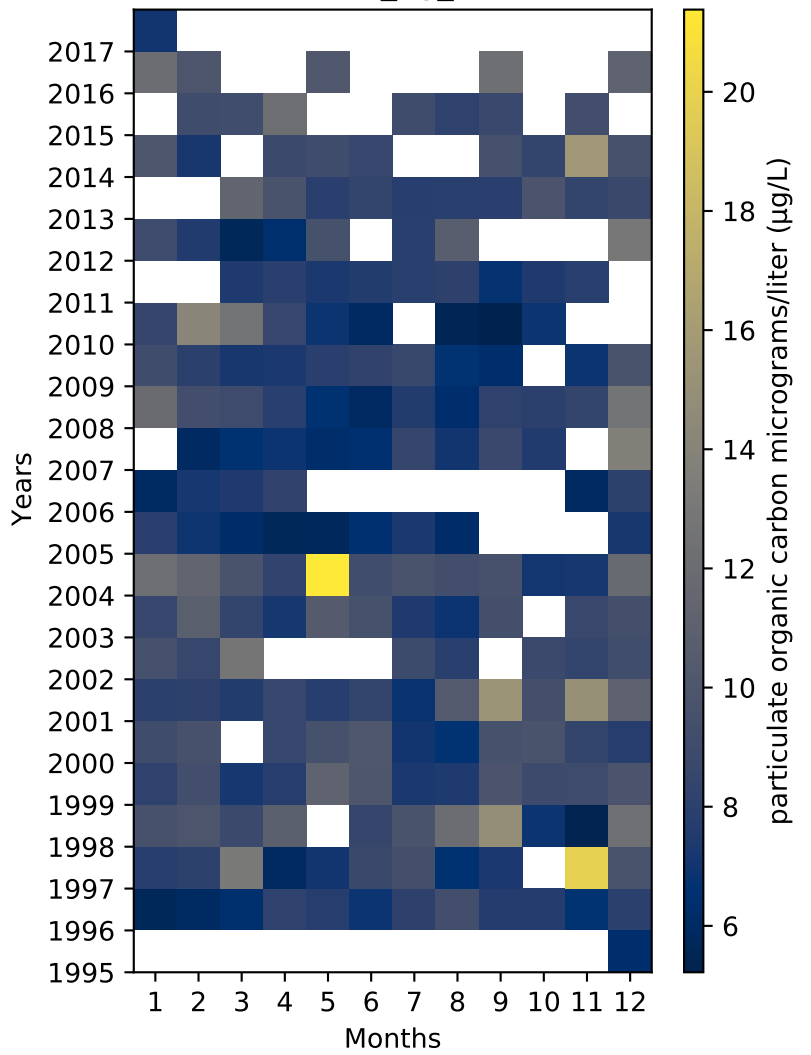
PON\_ug\_kg



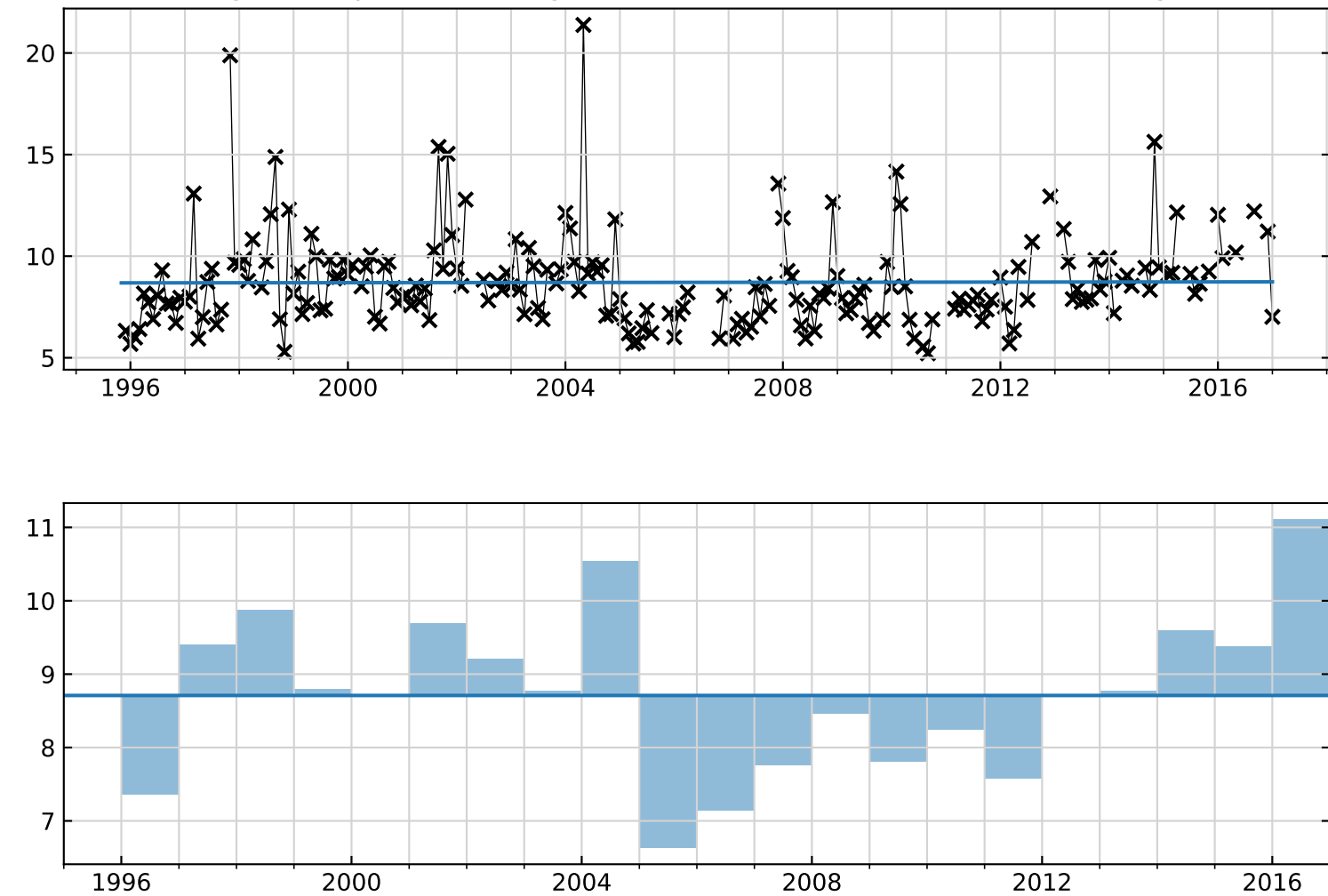
Long name: particulate organic nitrogen, Source: niskin, Subset: biological



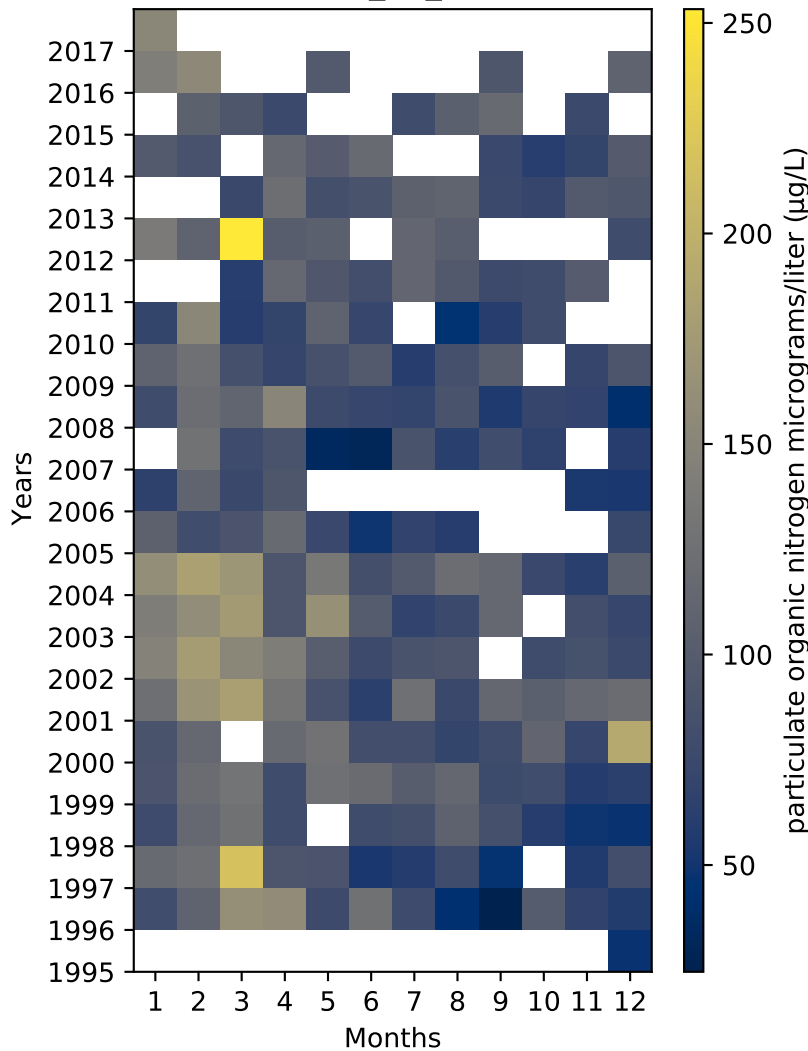
POC\_ug\_L



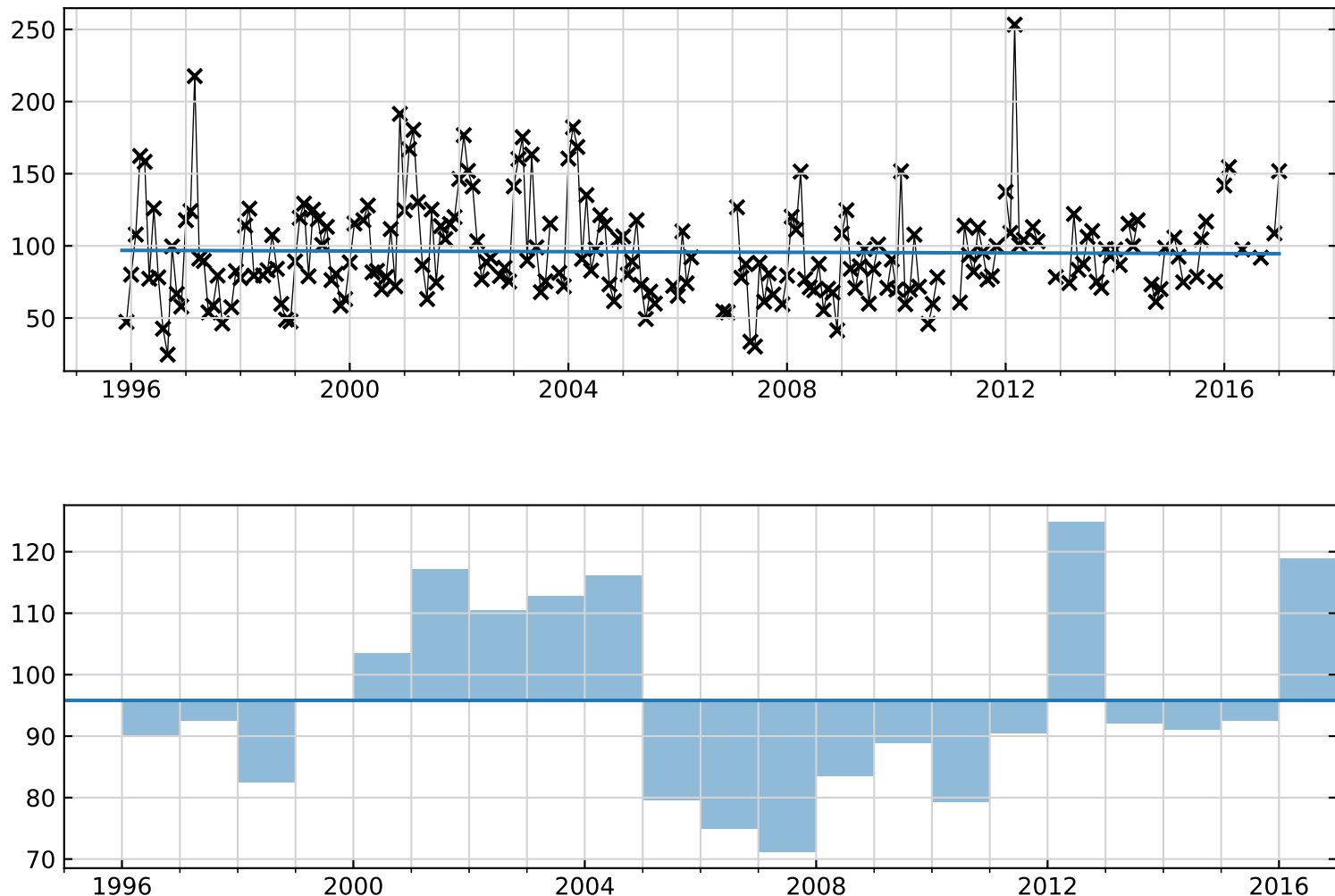
Long name: particulate organic carbon, Source: niskin, Subset: biological



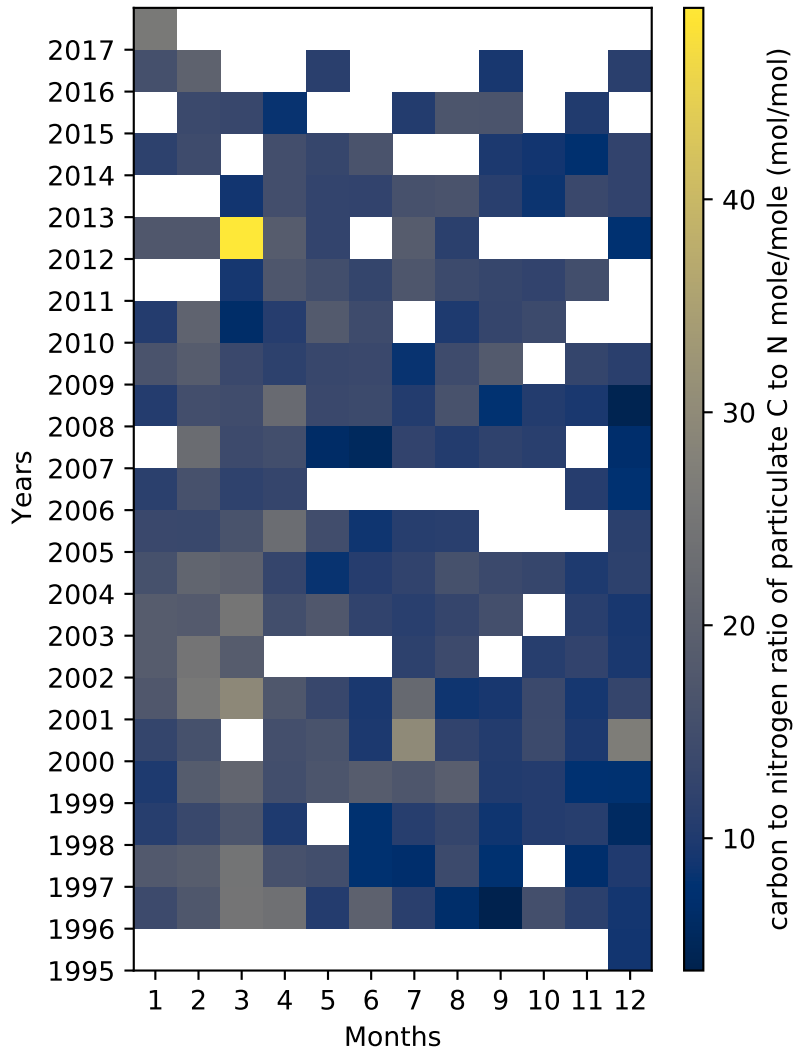
PN\_ug\_L



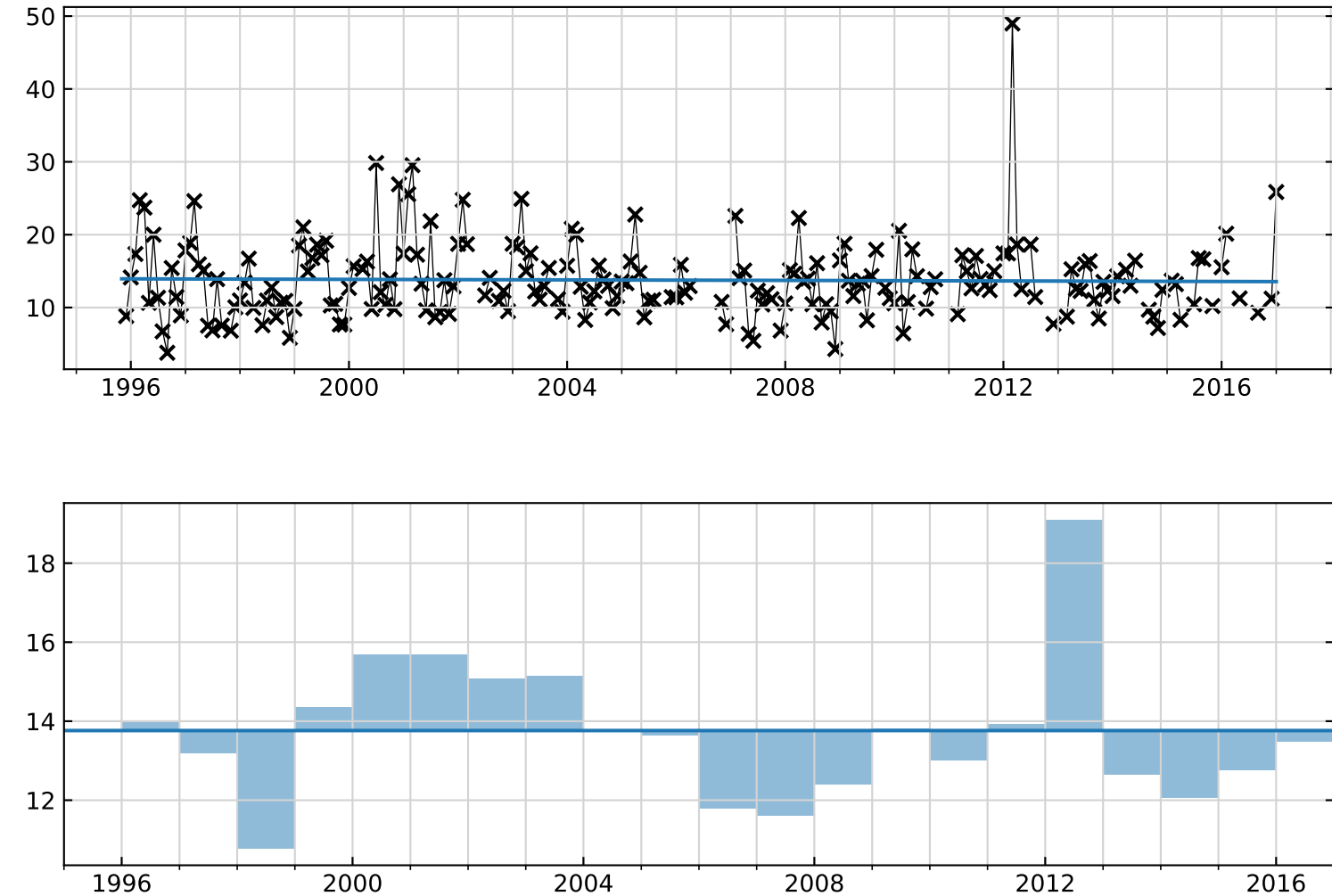
Long name: particulate organic nitrogen, Source: niskin, Subset: biological



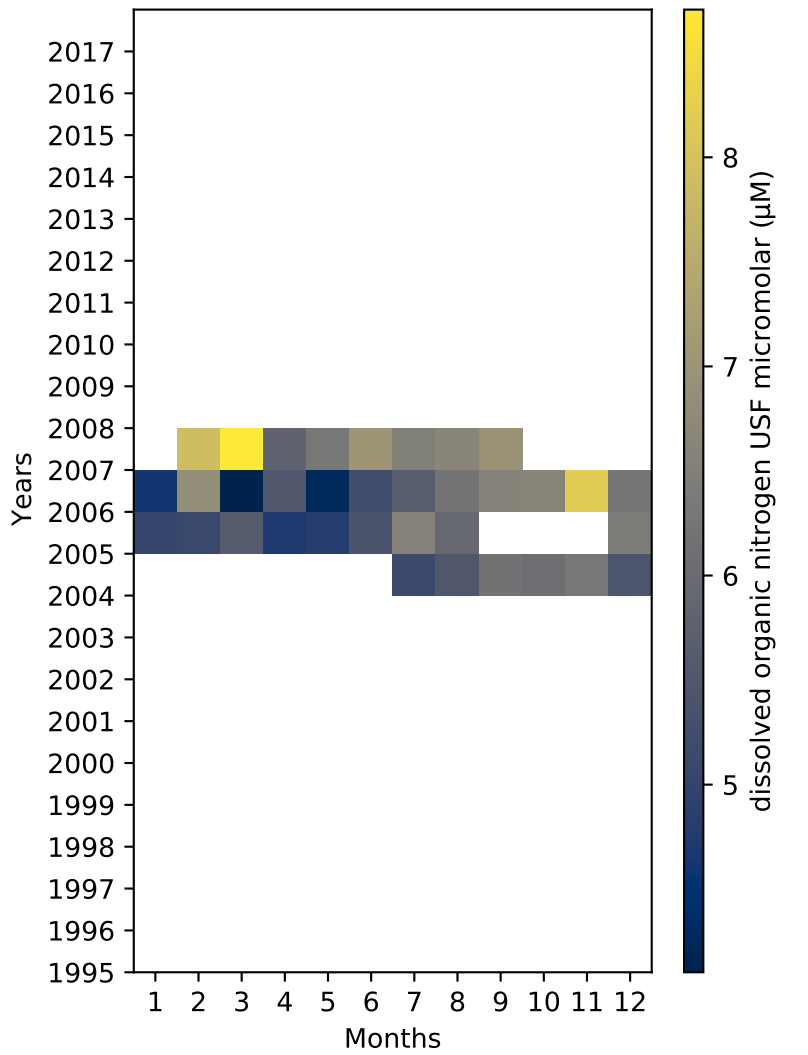
C\_N\_particulate



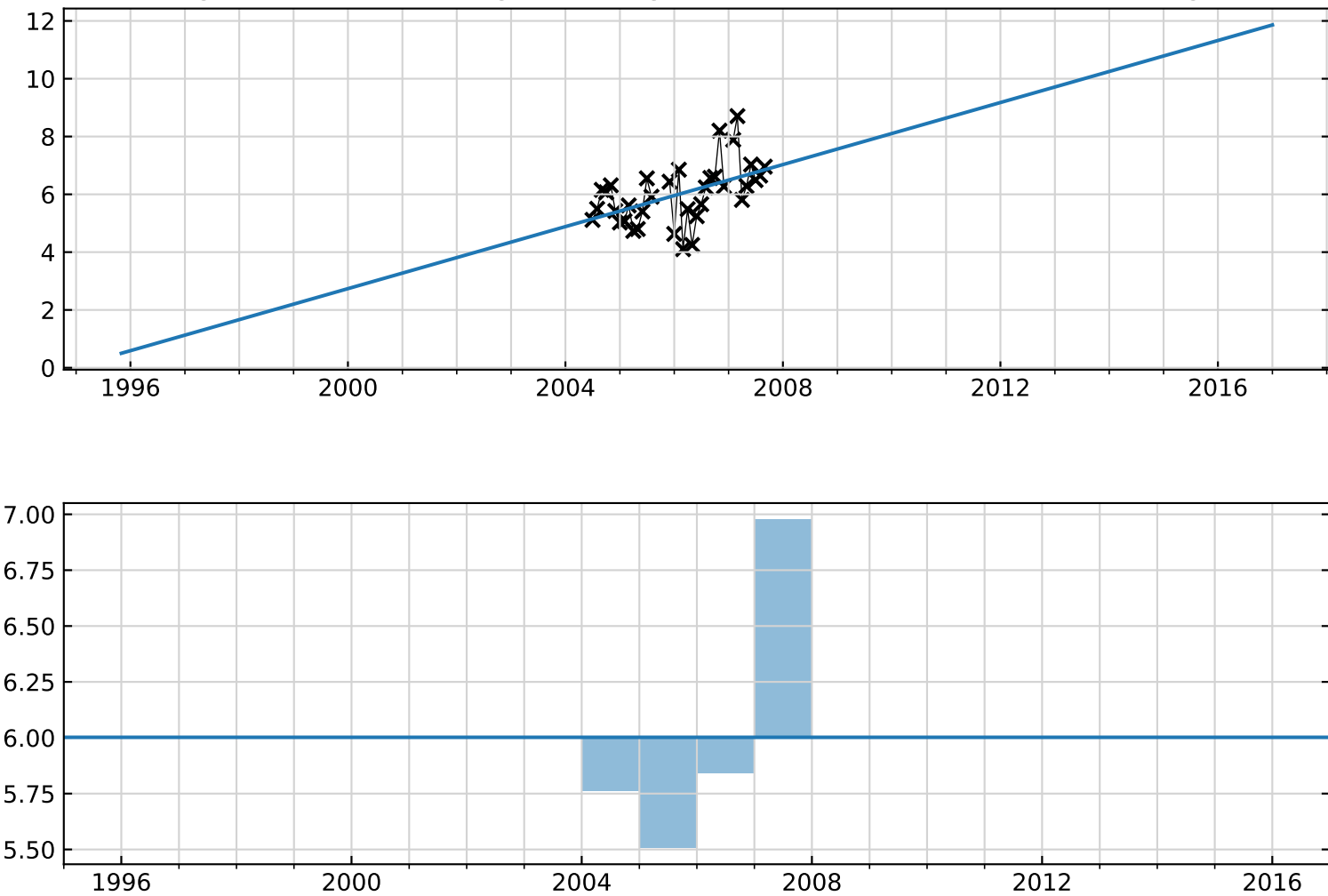
Long name: carbon to nitrogen ratio of particulate C to N, Source: niskin, Subset: biological



DON

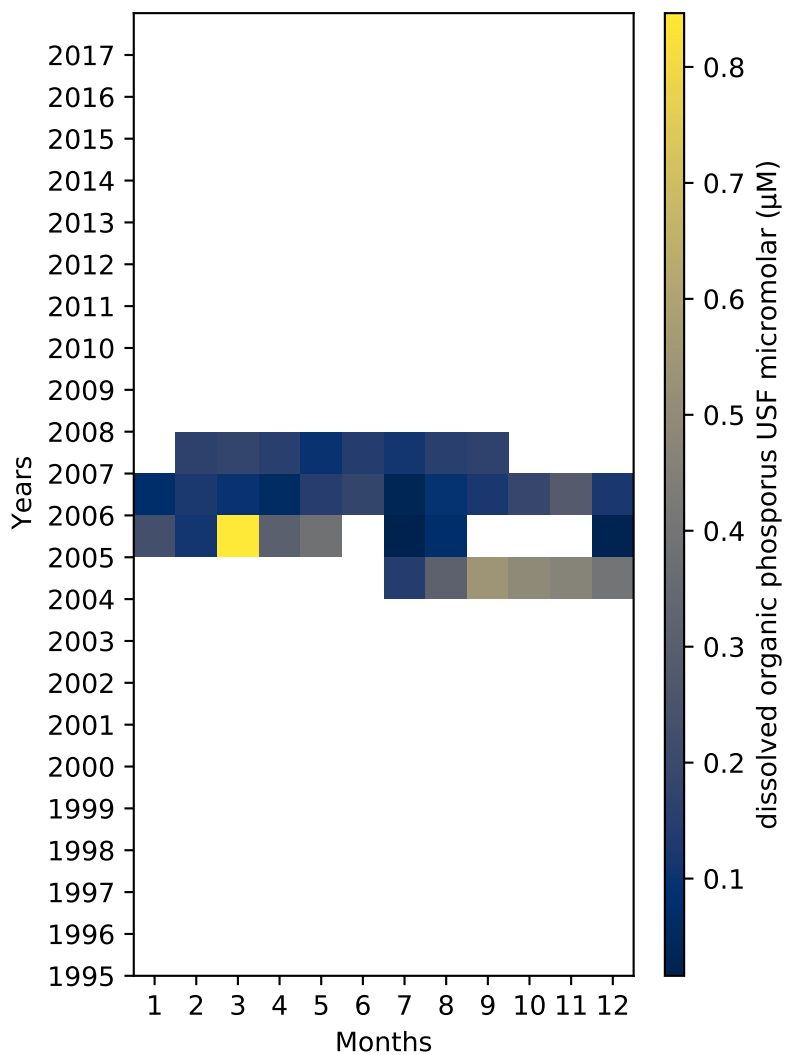


Long name: dissolved organic nitrogen USF, Source: niskin, Subset: biological

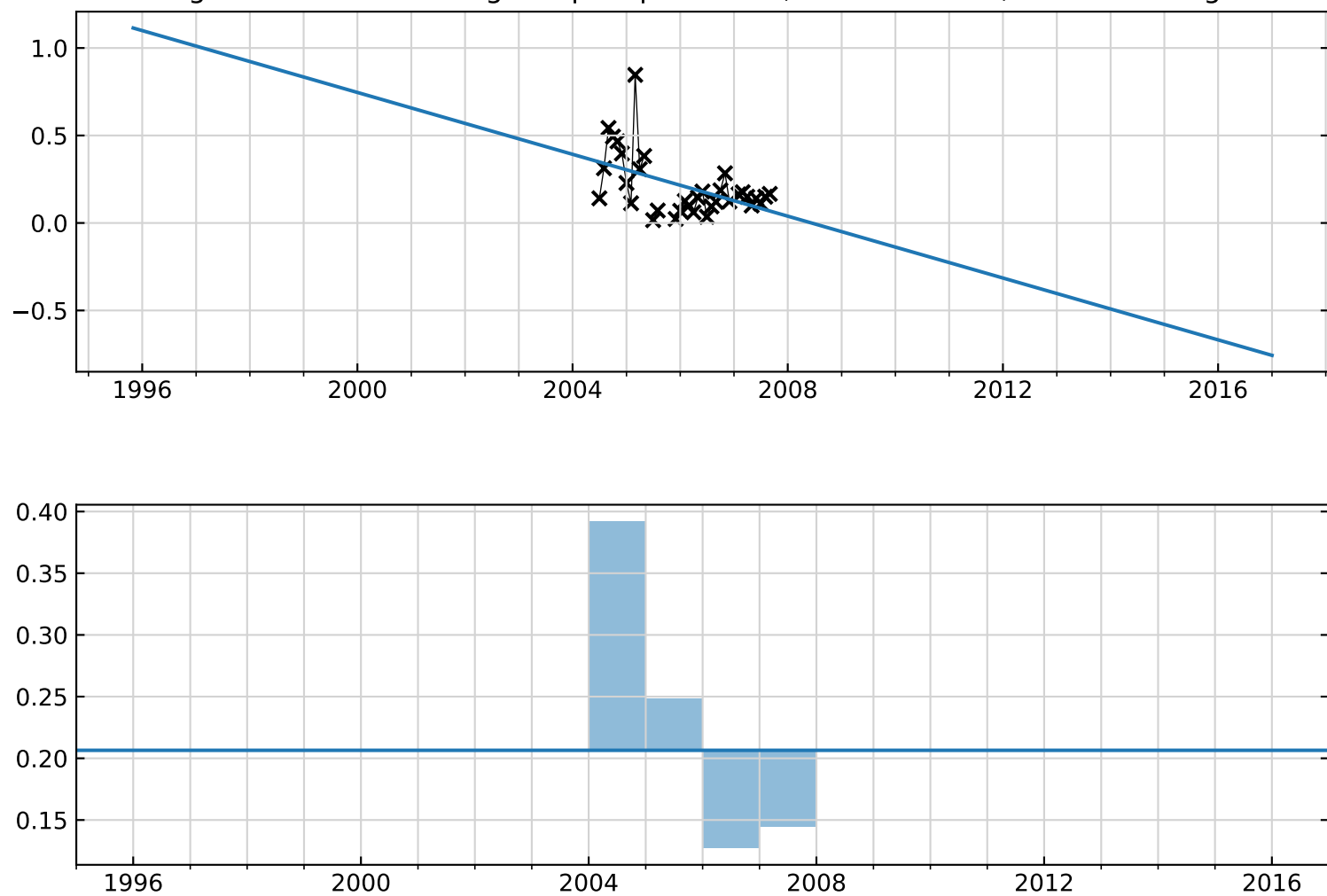




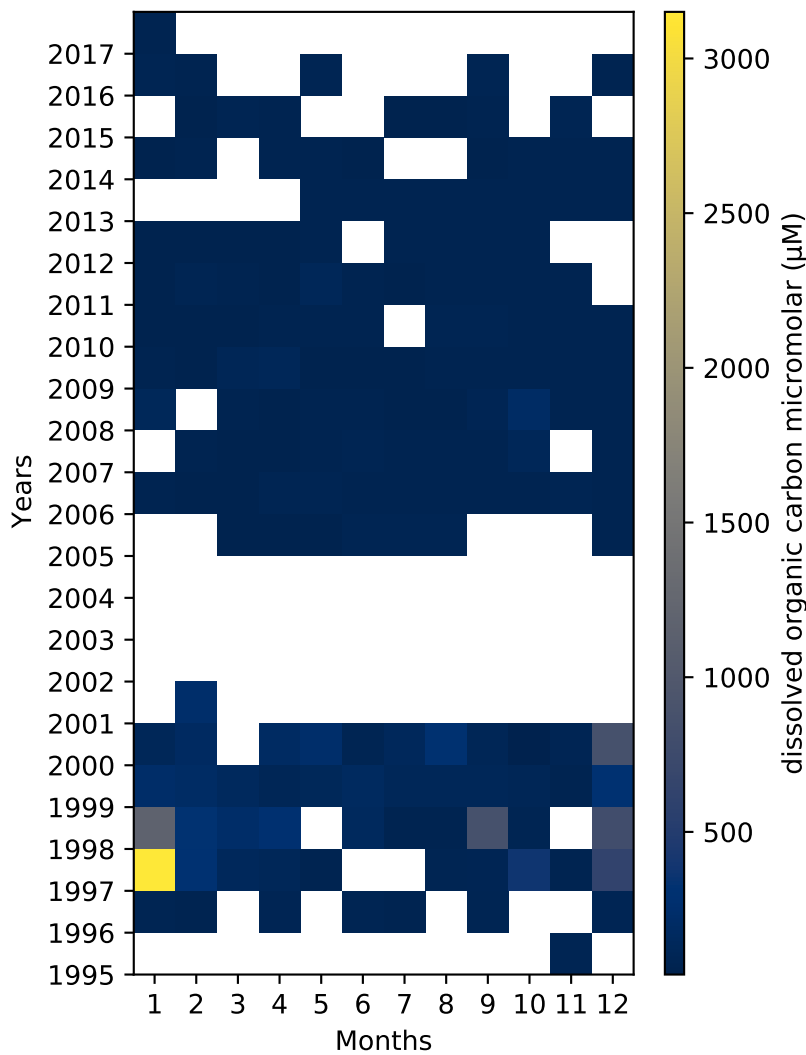
DOP



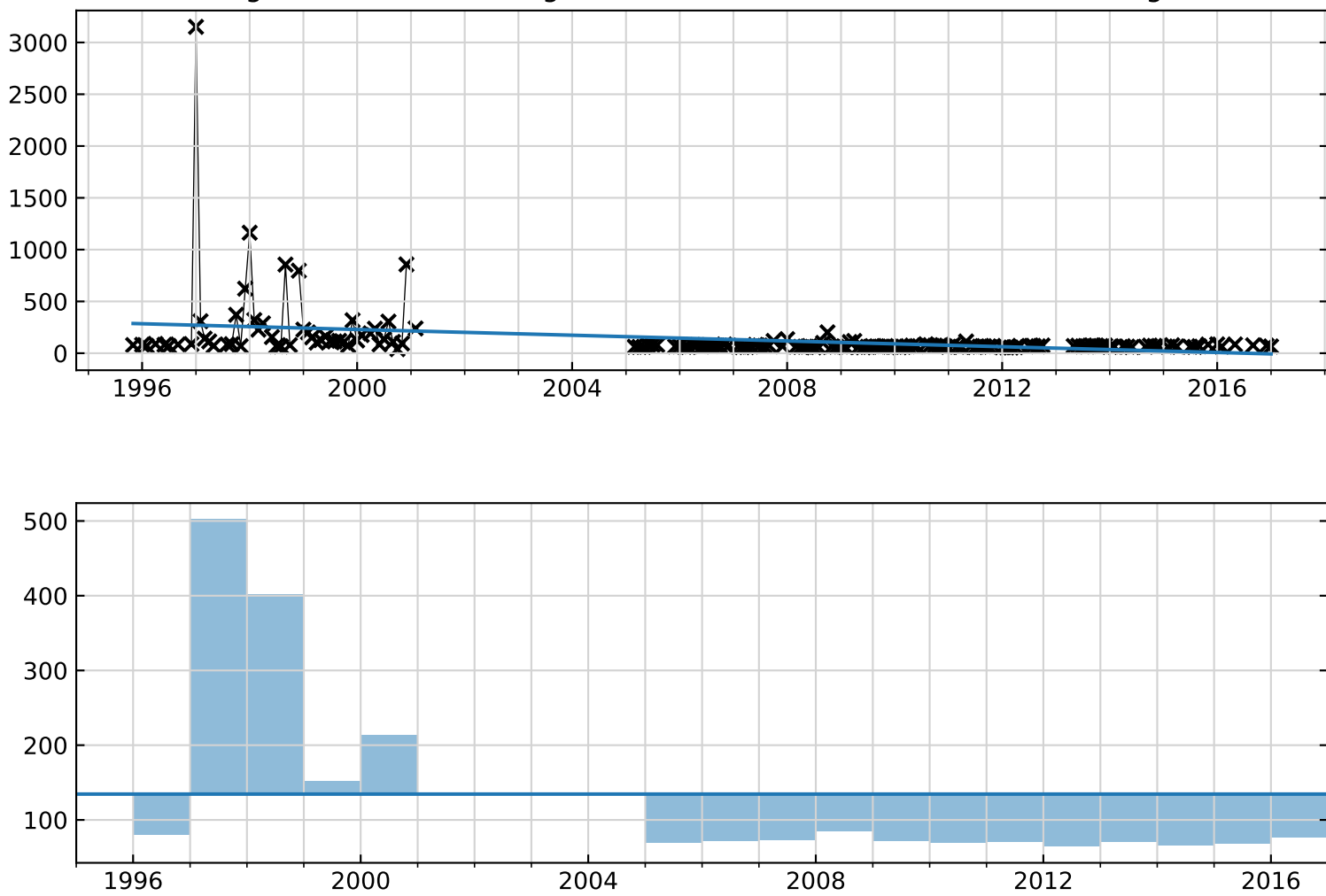
Long name: dissolved organic phosphorus USF, Source: niskin, Subset: biological



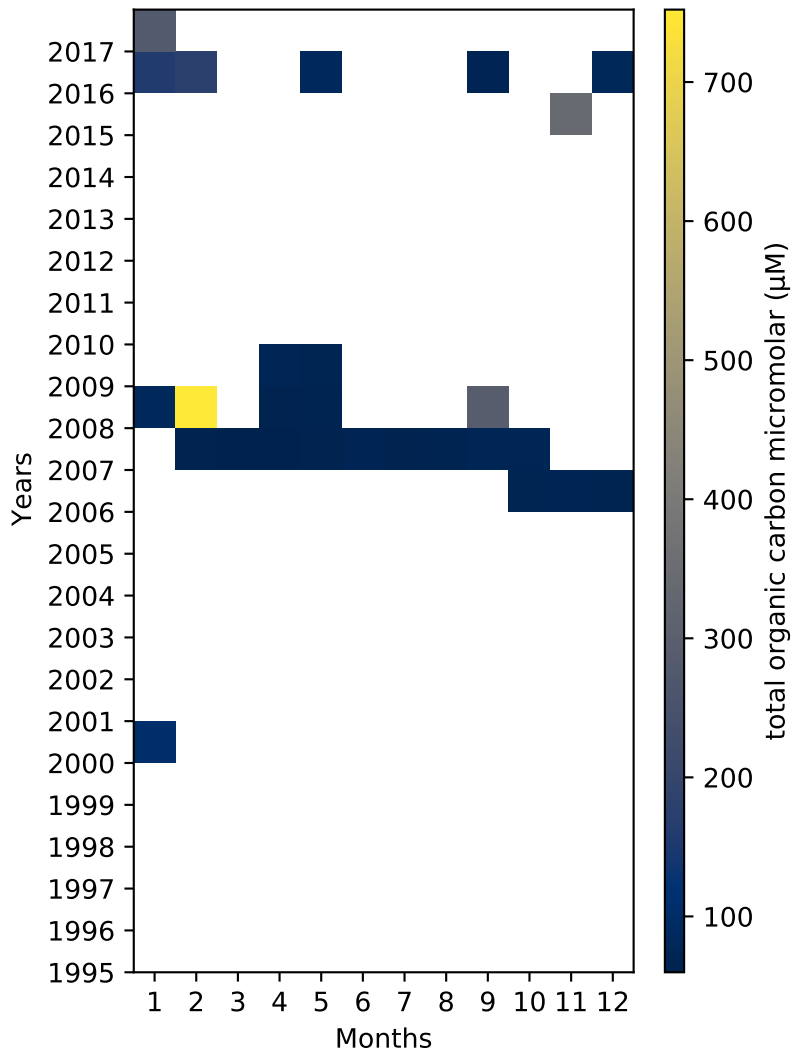
DOC



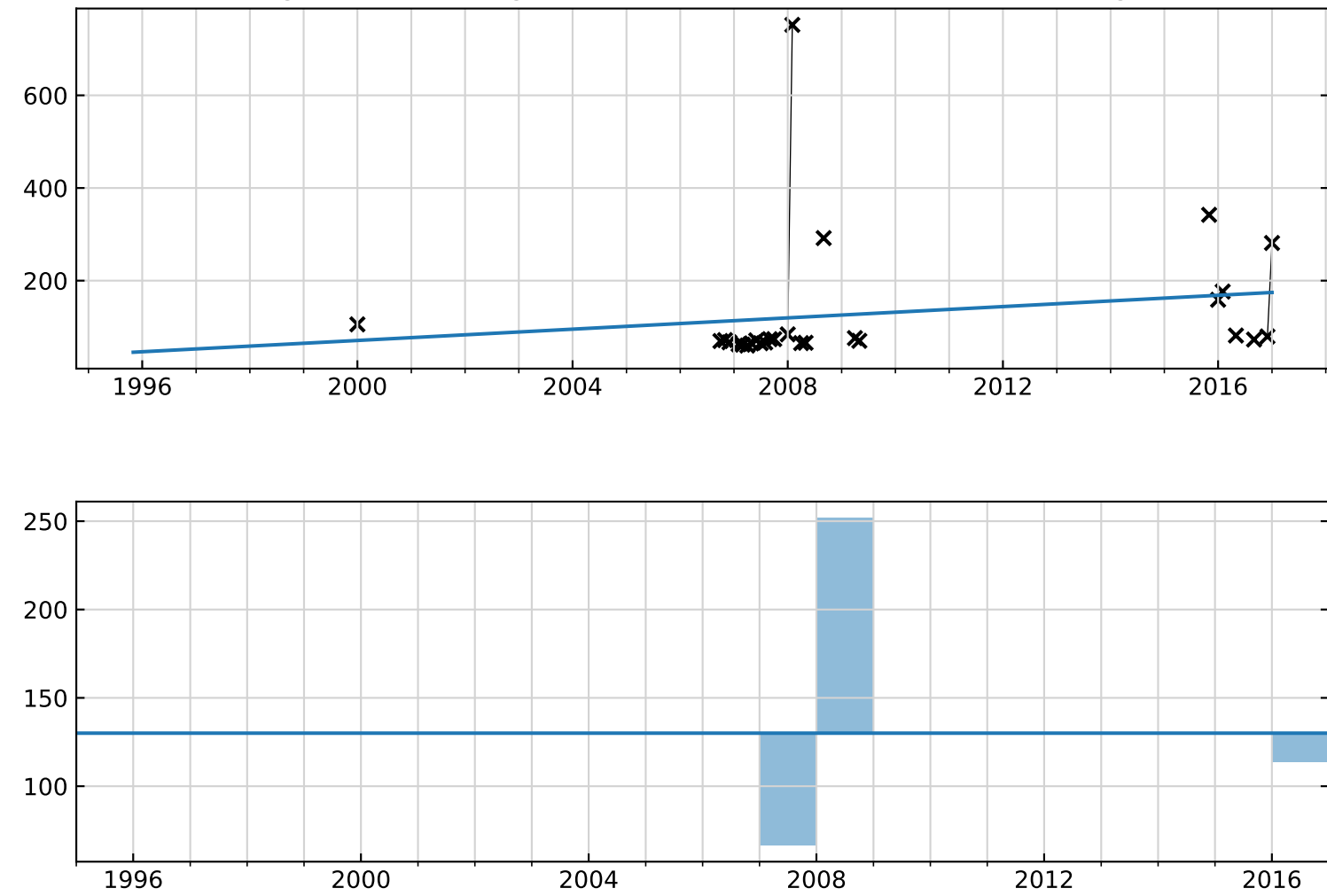
Long name: dissolved organic carbon, Source: niskin, Subset: biological



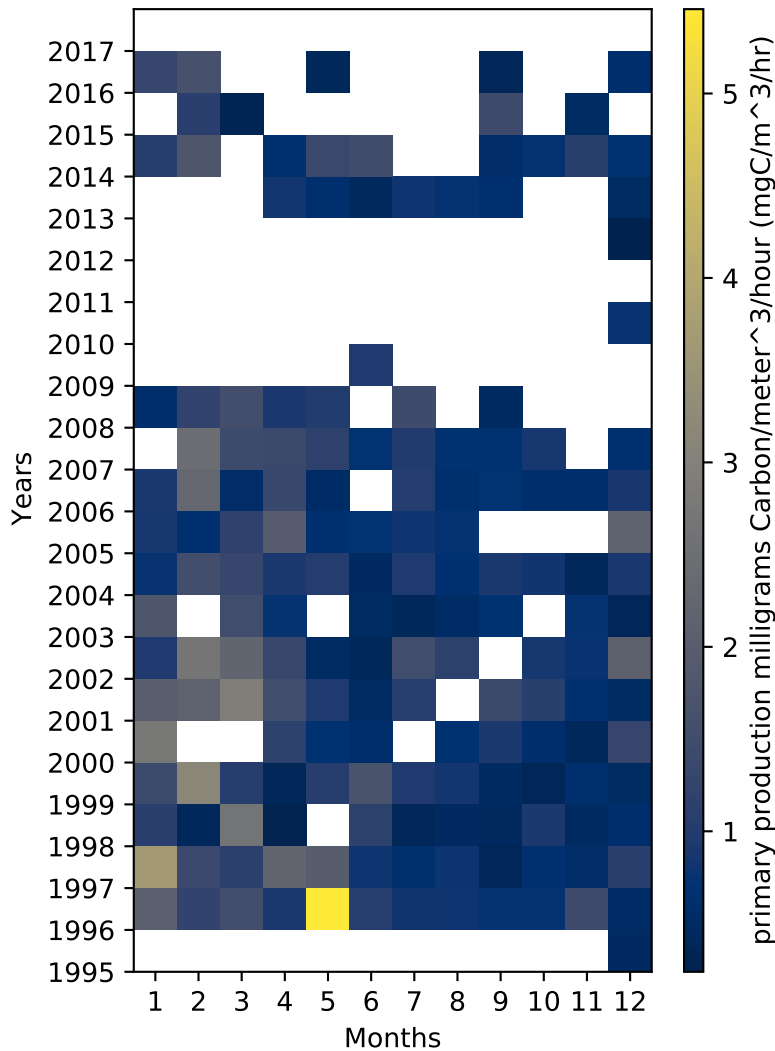
TOC



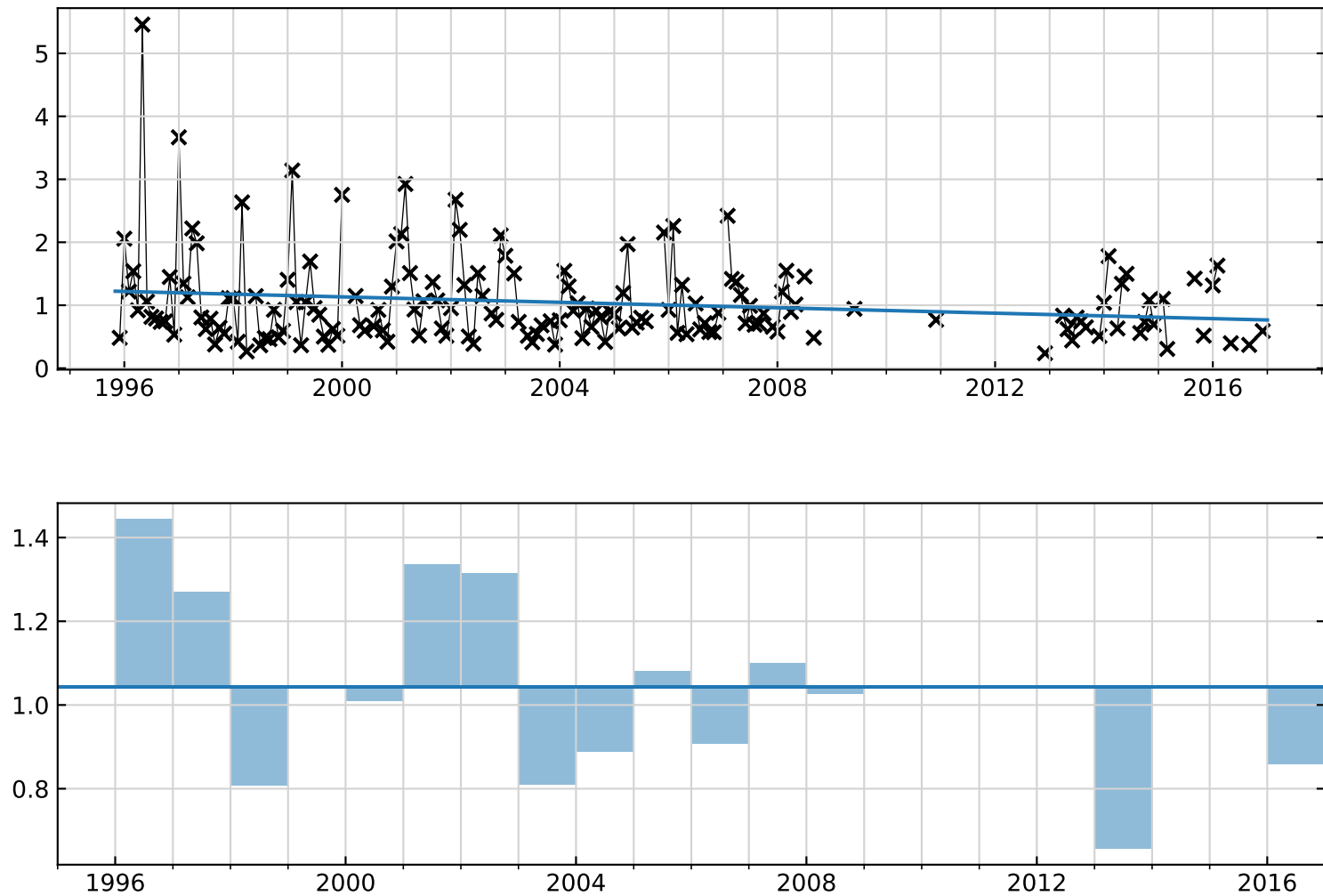
Long name: total organic carbon, Source: niskin, Subset: biological



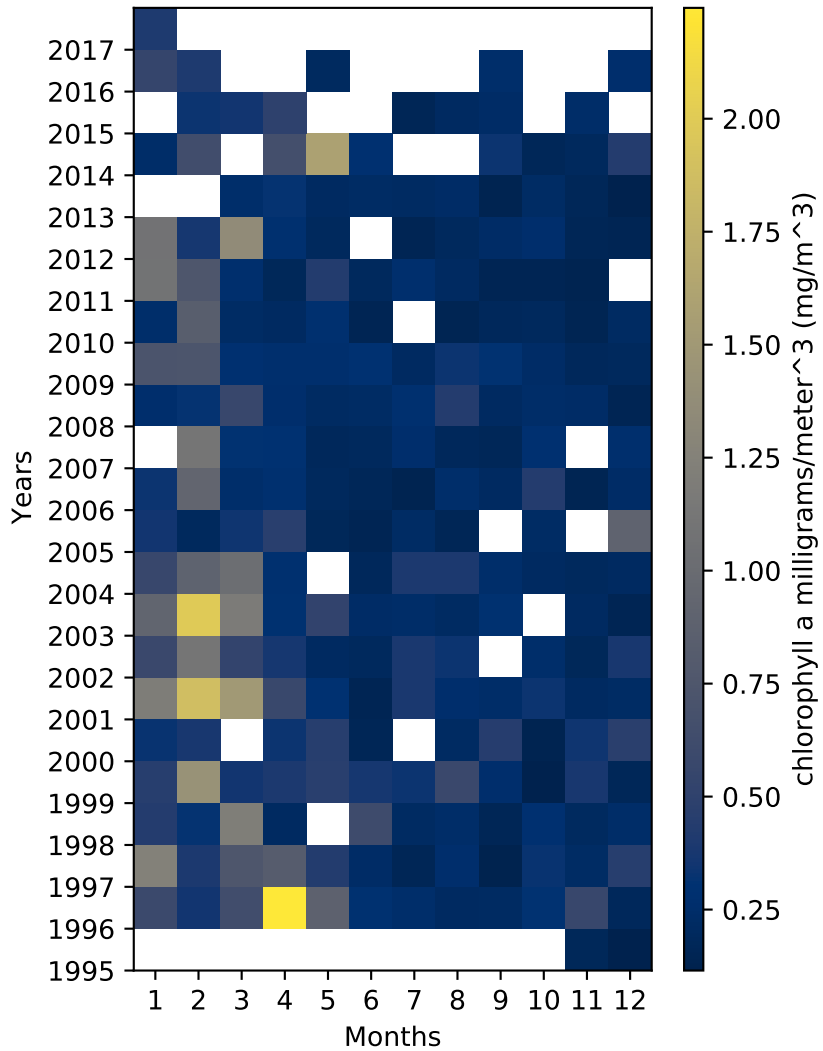
PrimaryProductivity



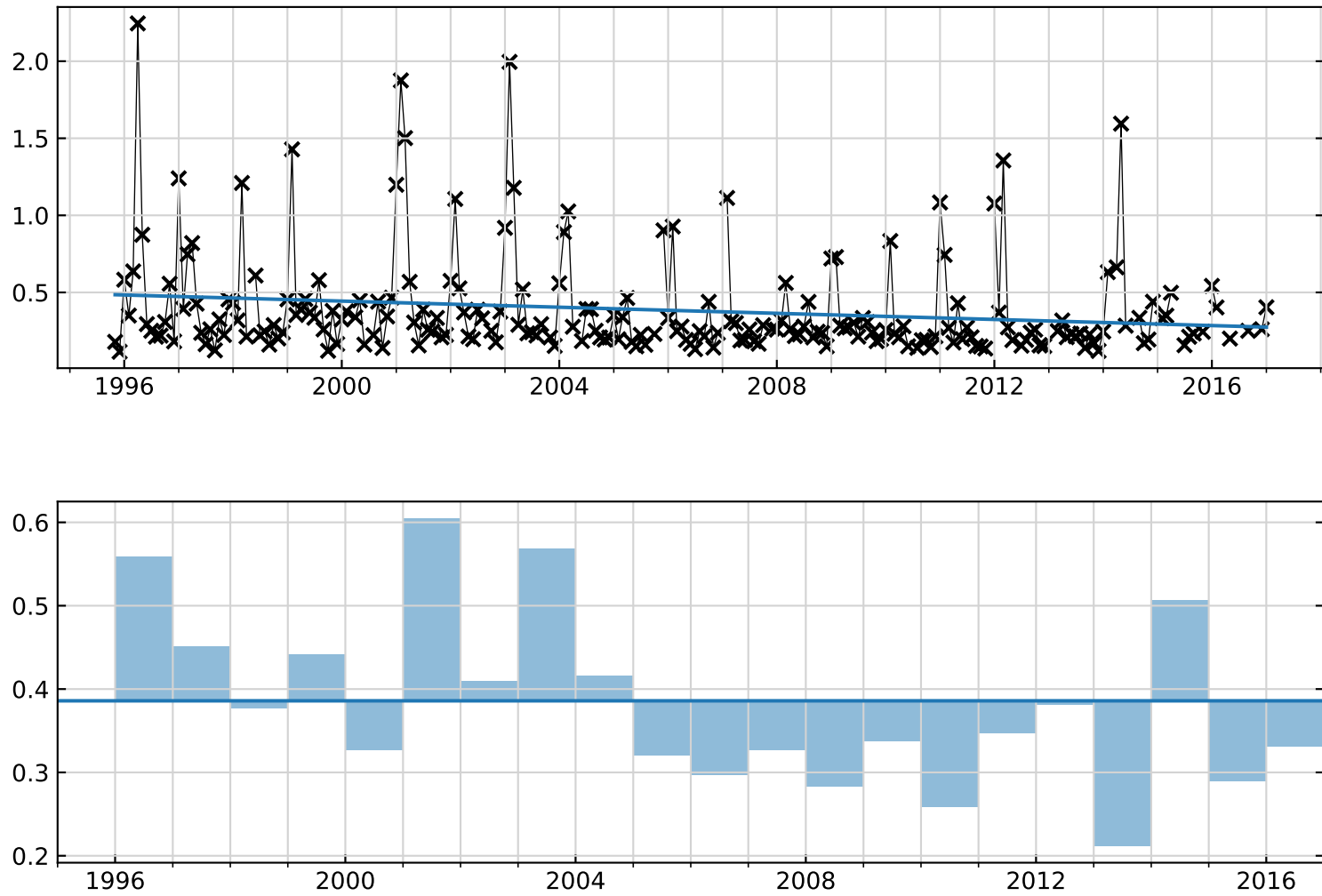
Long name: primary production, Source: niskin, Subset: biological



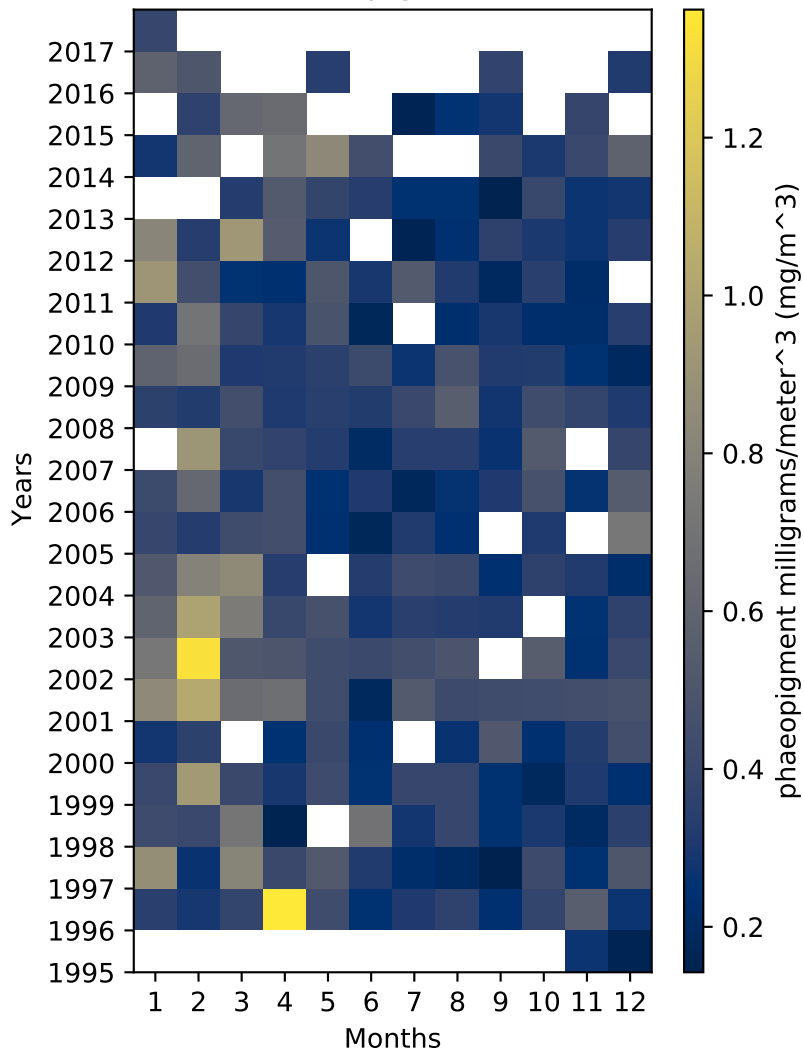
Chlorophyll



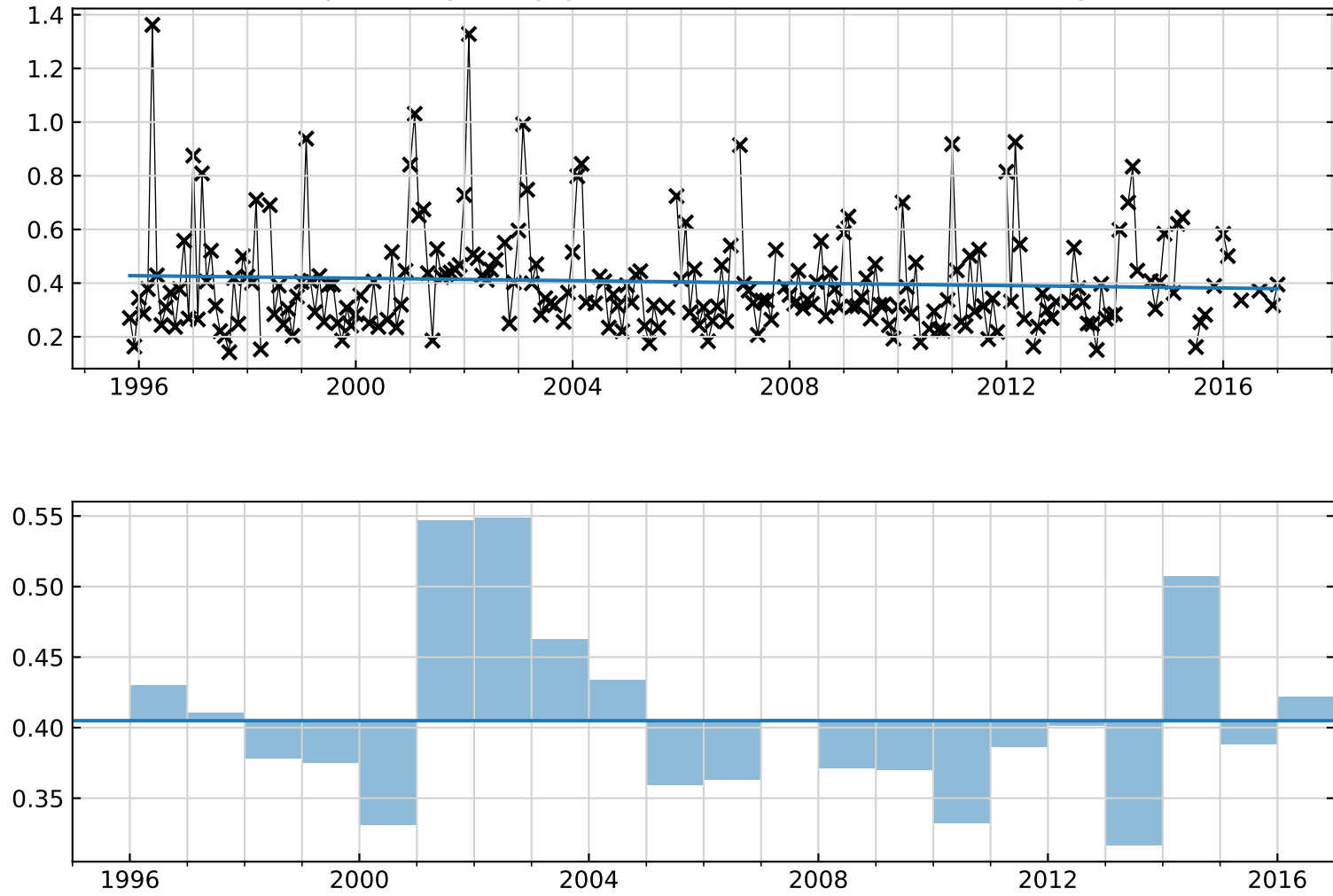
Long name: chlorophyll a, Source: niskin, Subset: biological



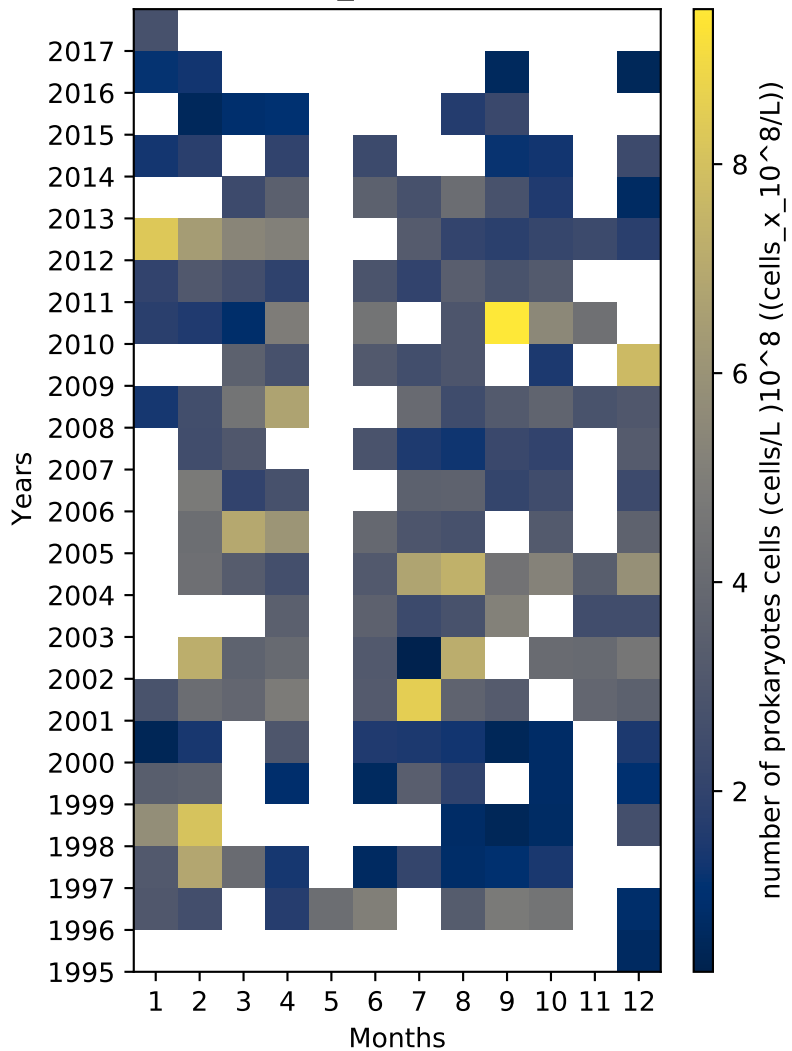
Phaeopigments



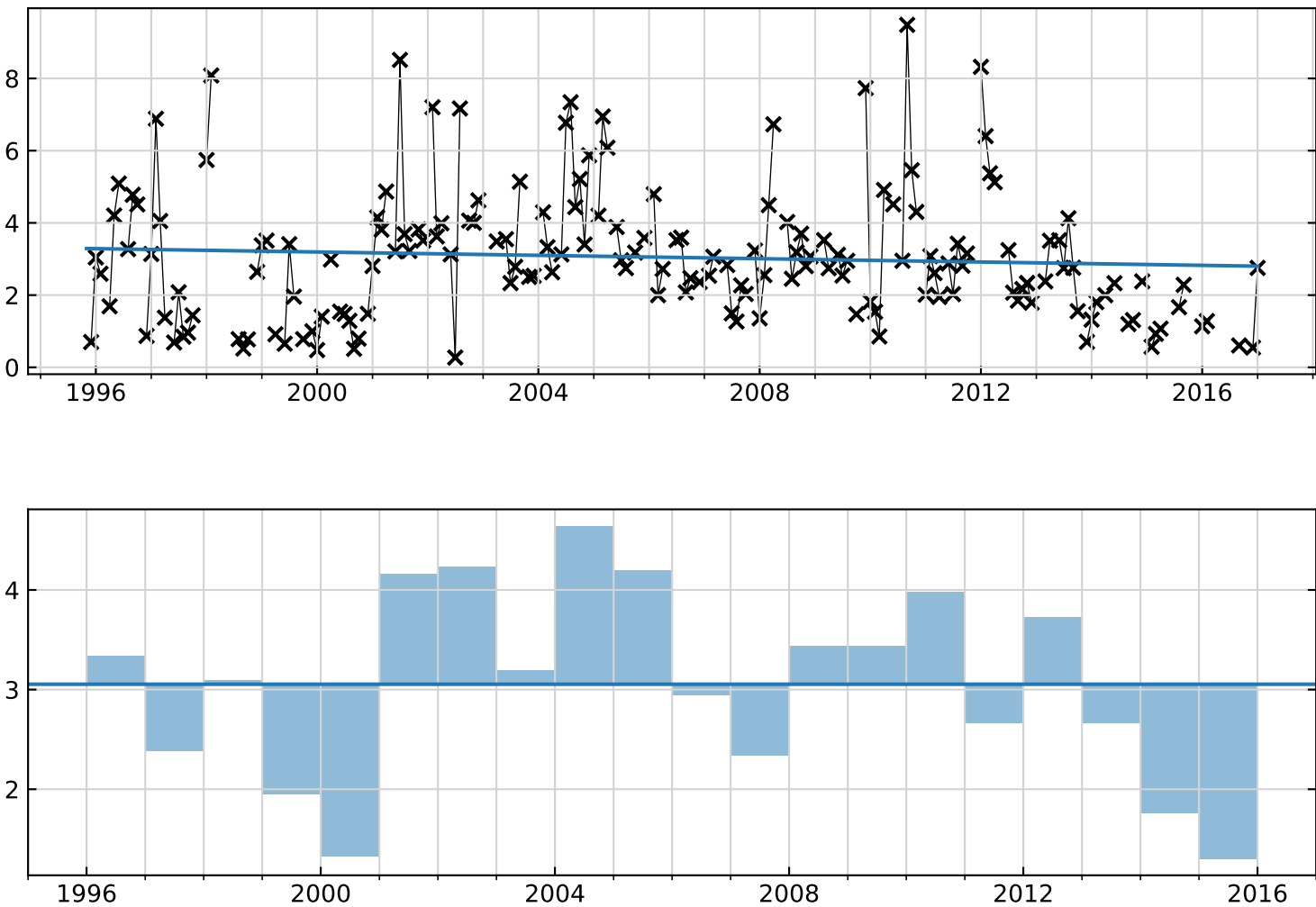
Long name: phaeopigment, Source: niskin, Subset: biological



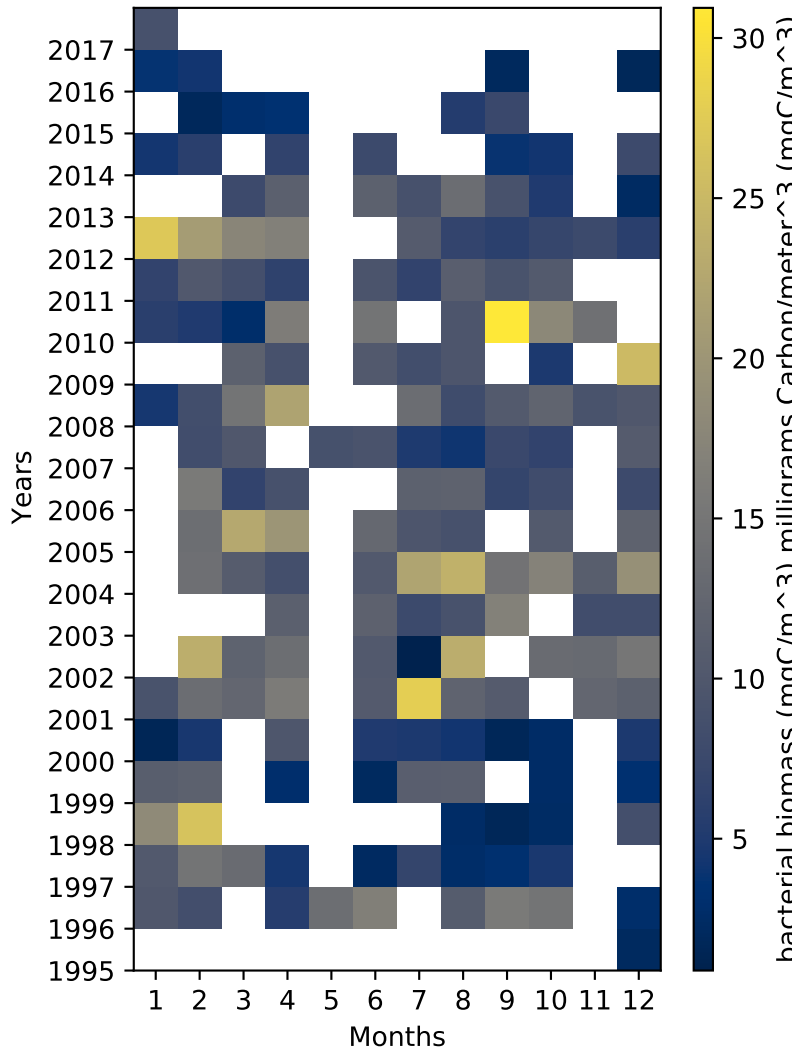
Total\_Prokaryotes



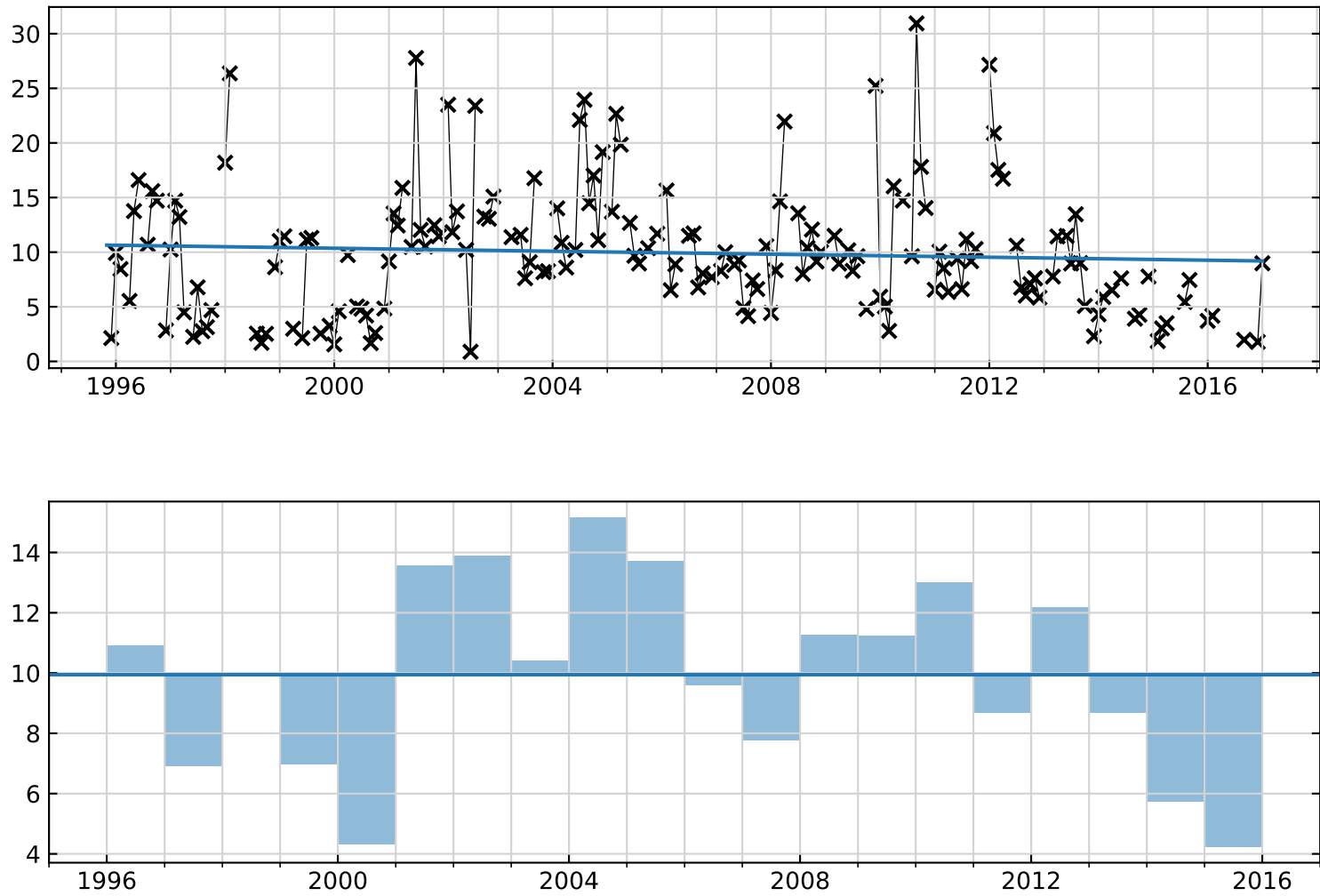
Long name: number of prokaryotes cells, Source: niskin, Subset: biological



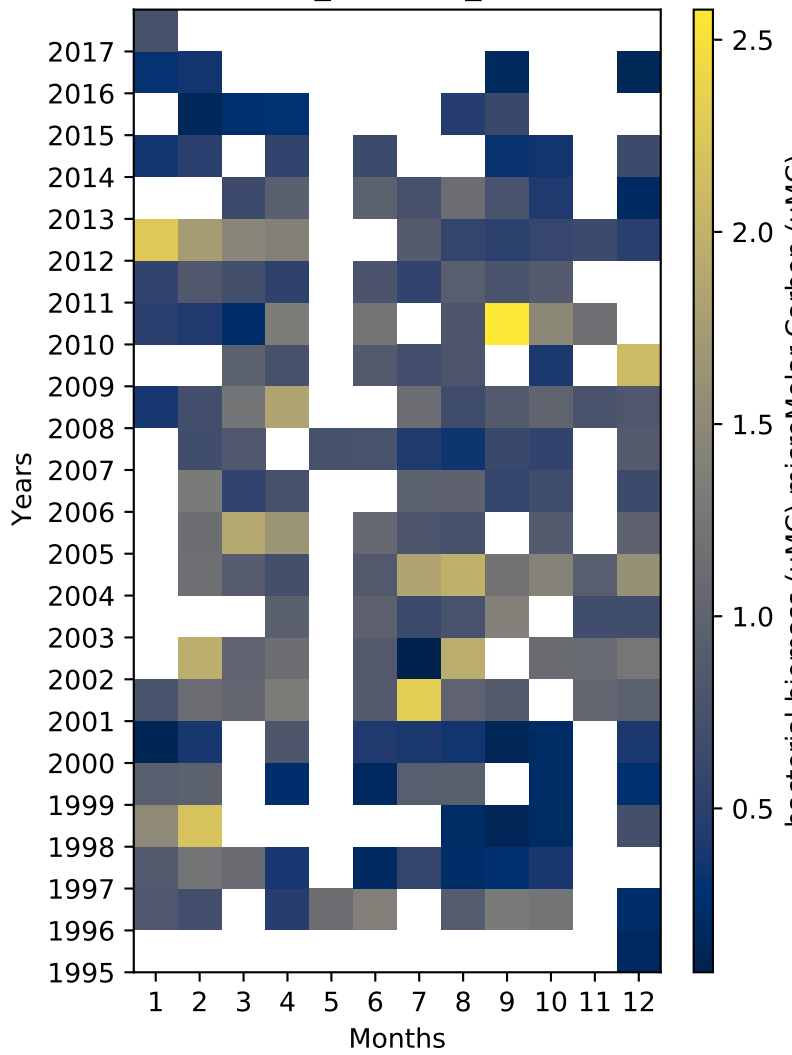
Bact\_Biomass\_mgC\_m3



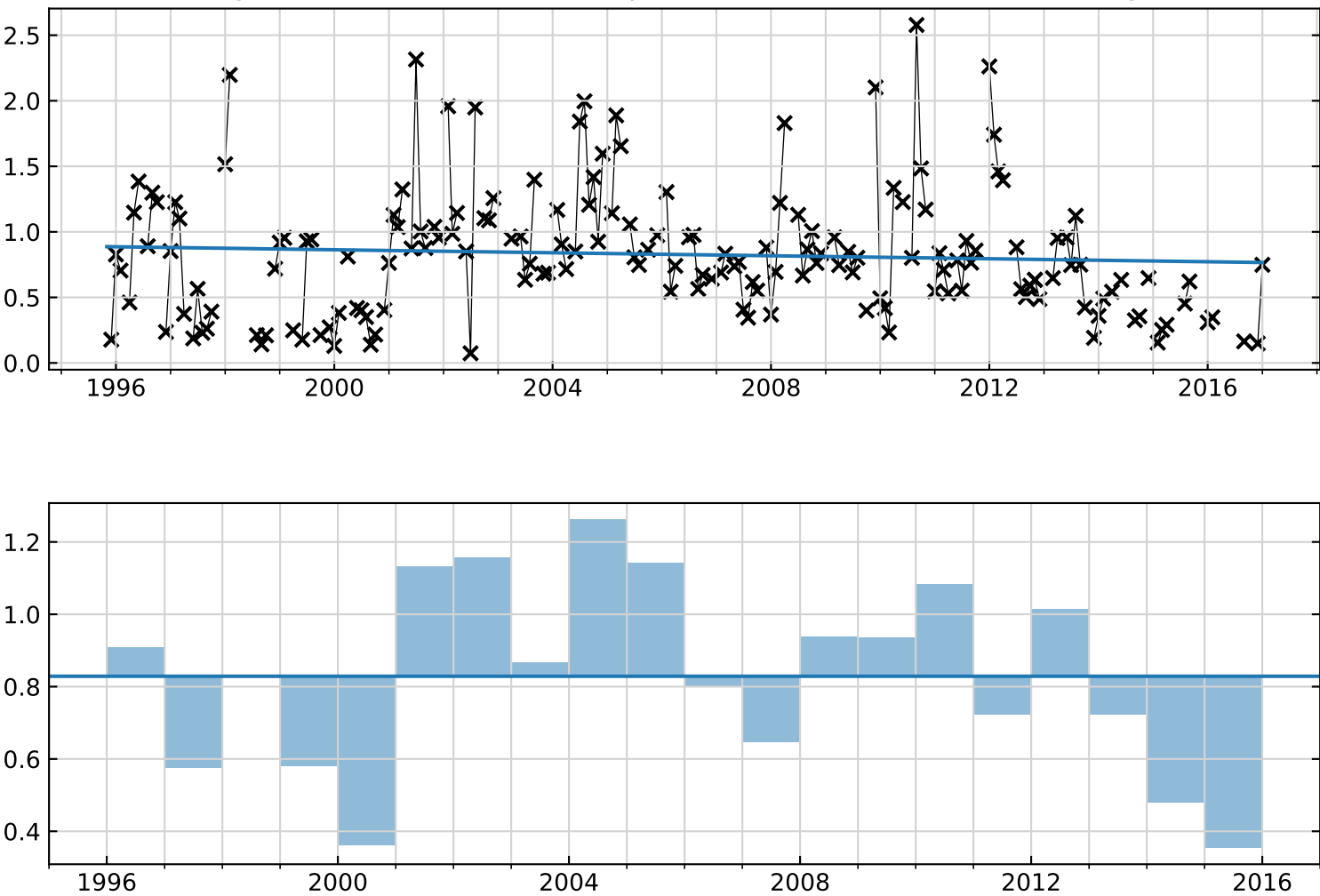
Long name: bacterial biomass (mgC/m^3), Source: niskin, Subset: biological



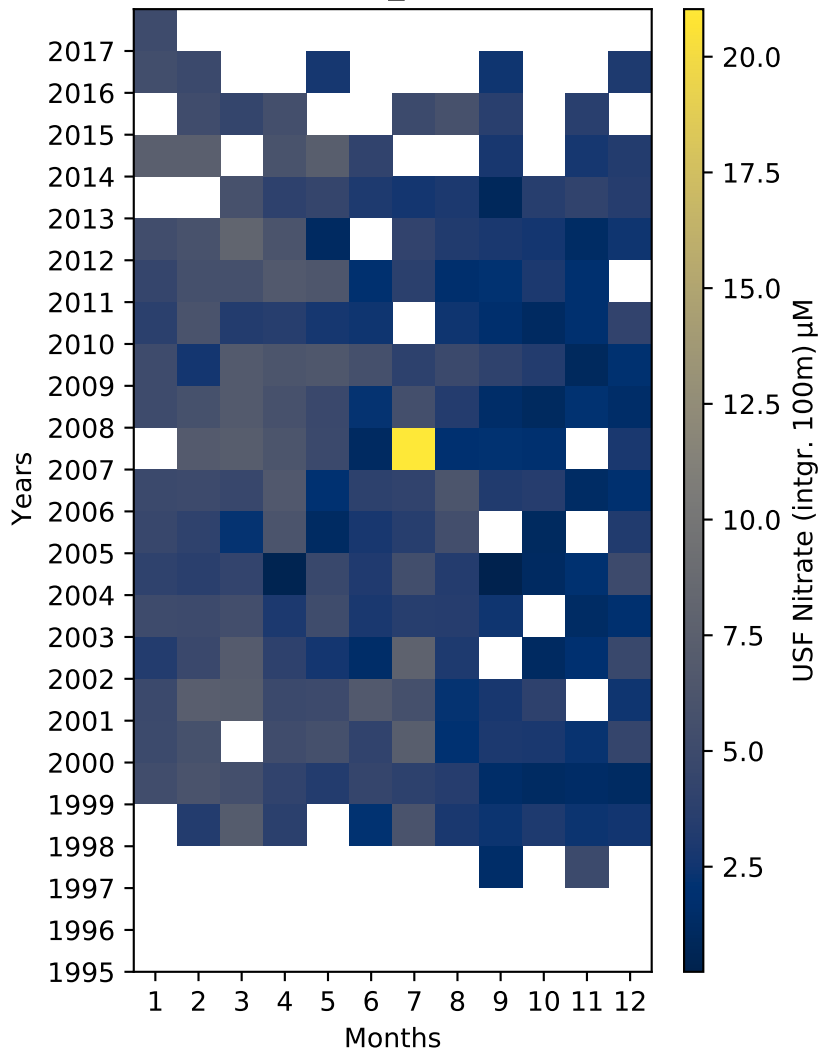
Bact\_Biomass\_uMC



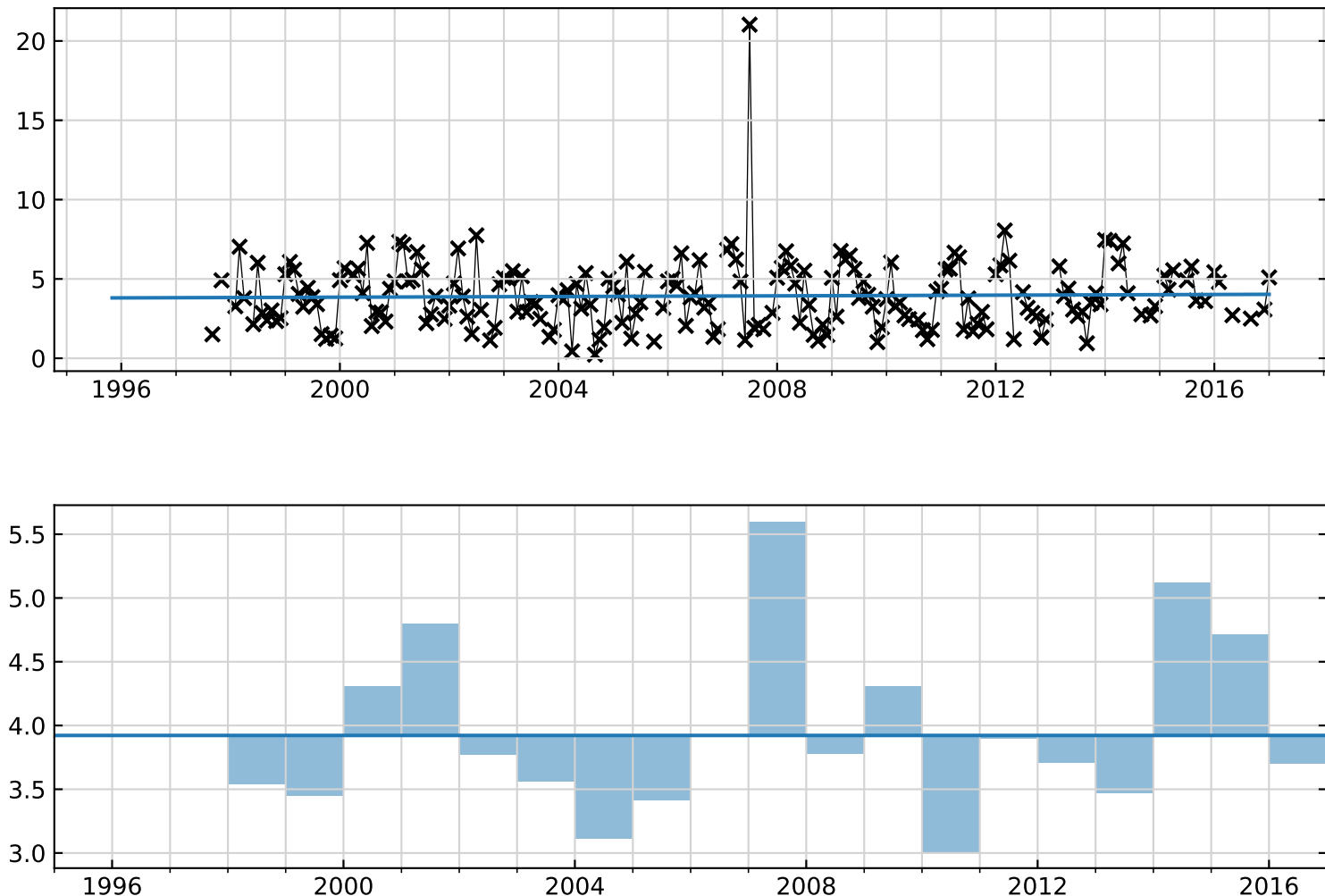
Long name: bacterial biomass (μMC), Source: niskin, Subset: biological



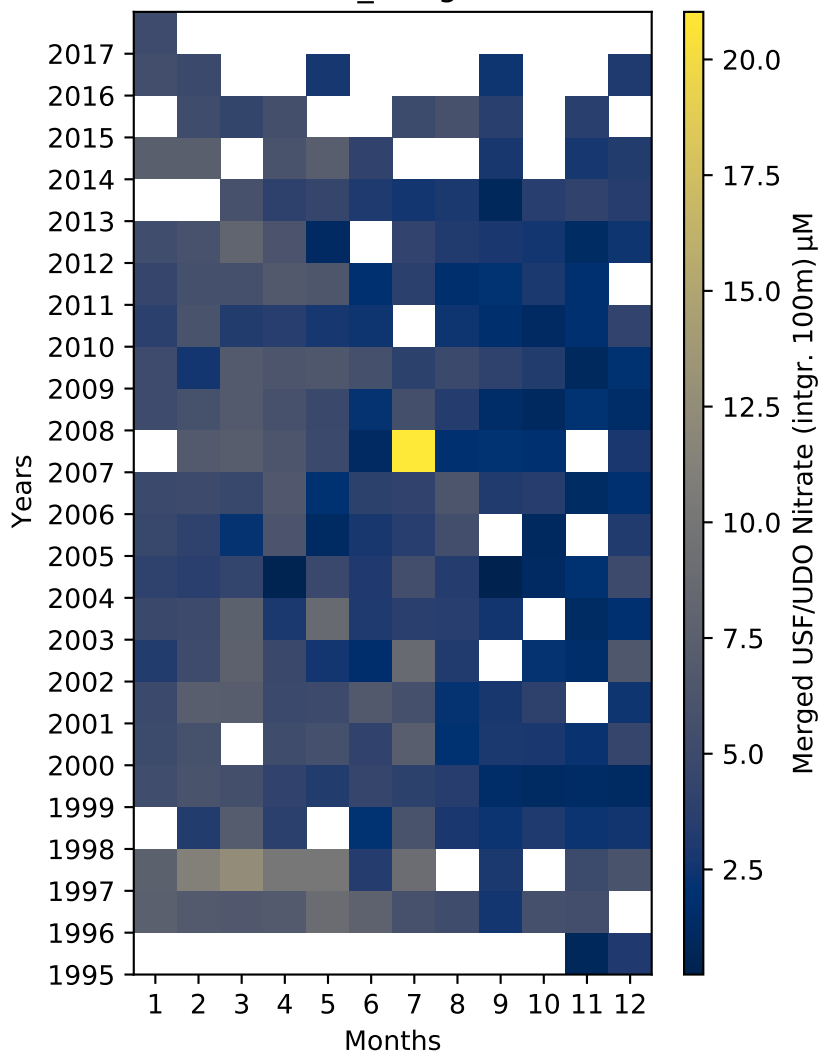
NO3\_USF



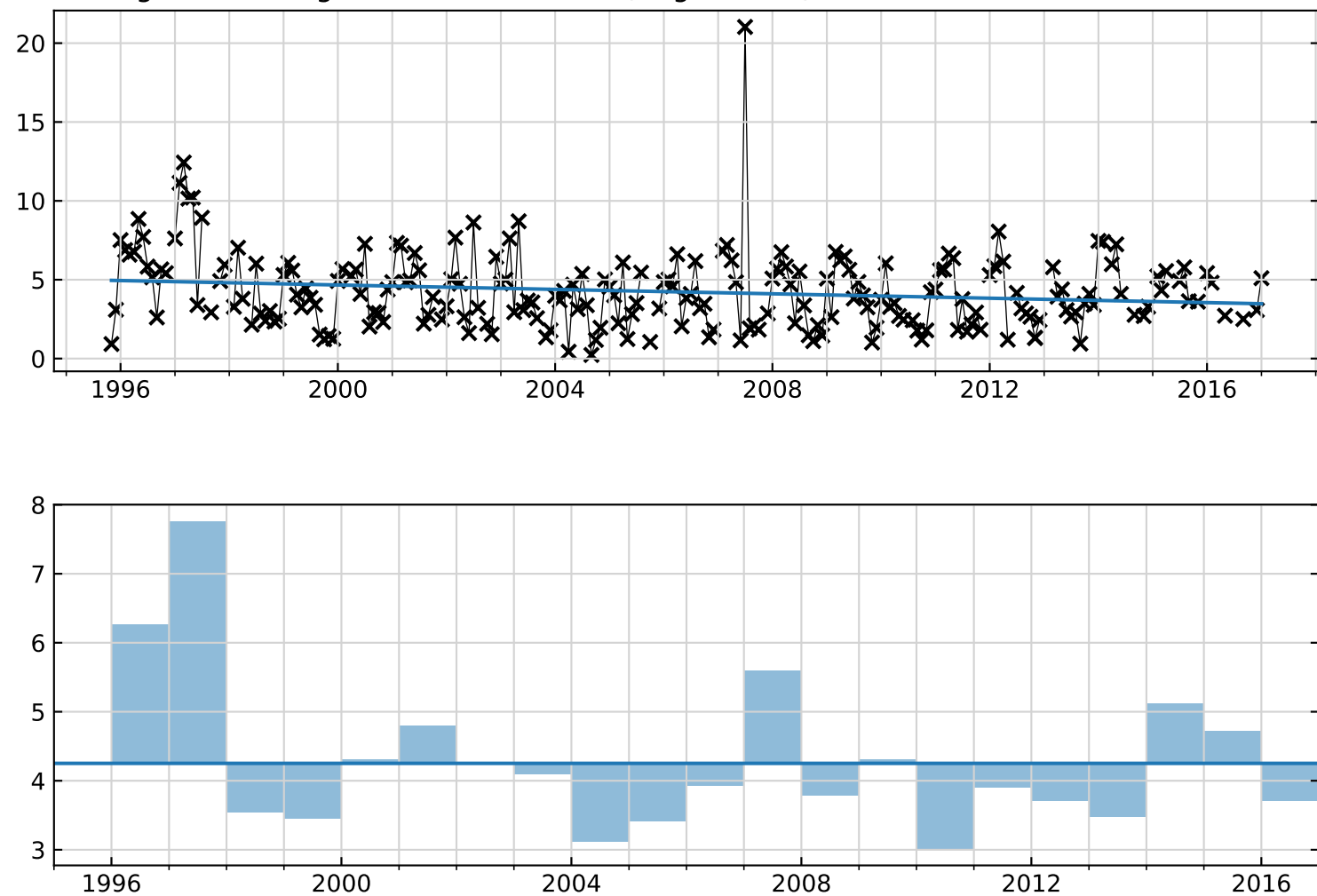
Long name: USF Nitrate (intgr. 100m), Source: niskin, Subset: chemical



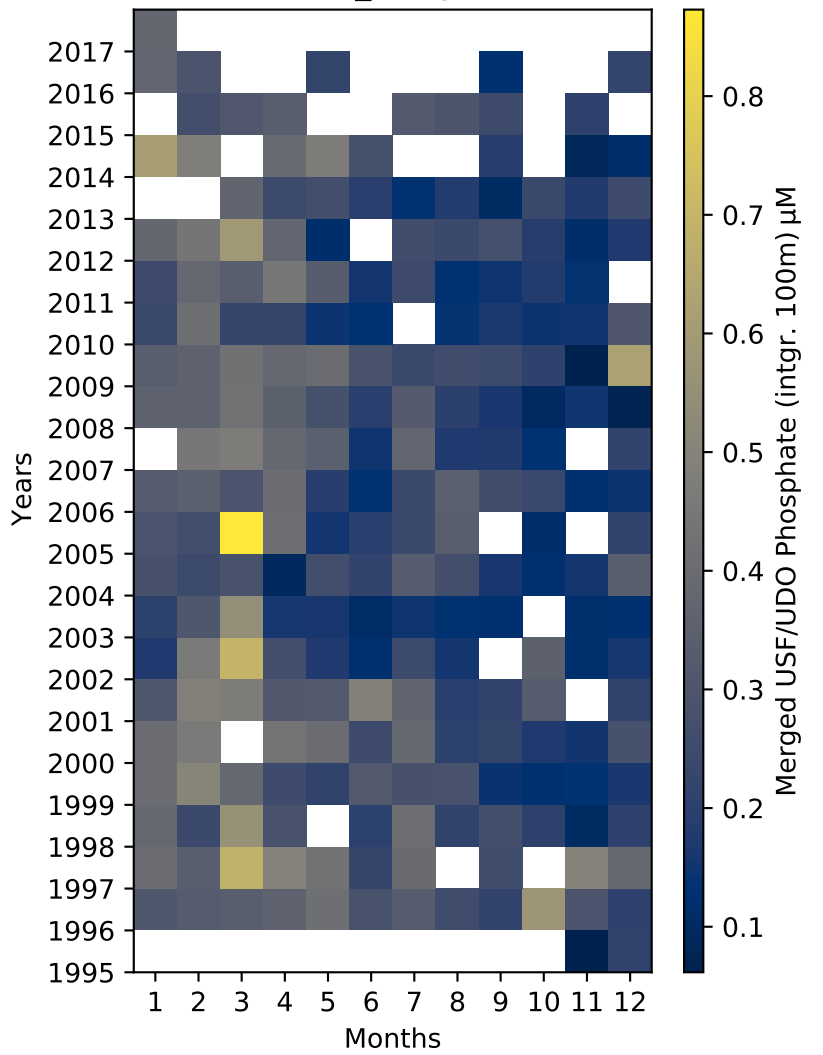
NO3\_merged



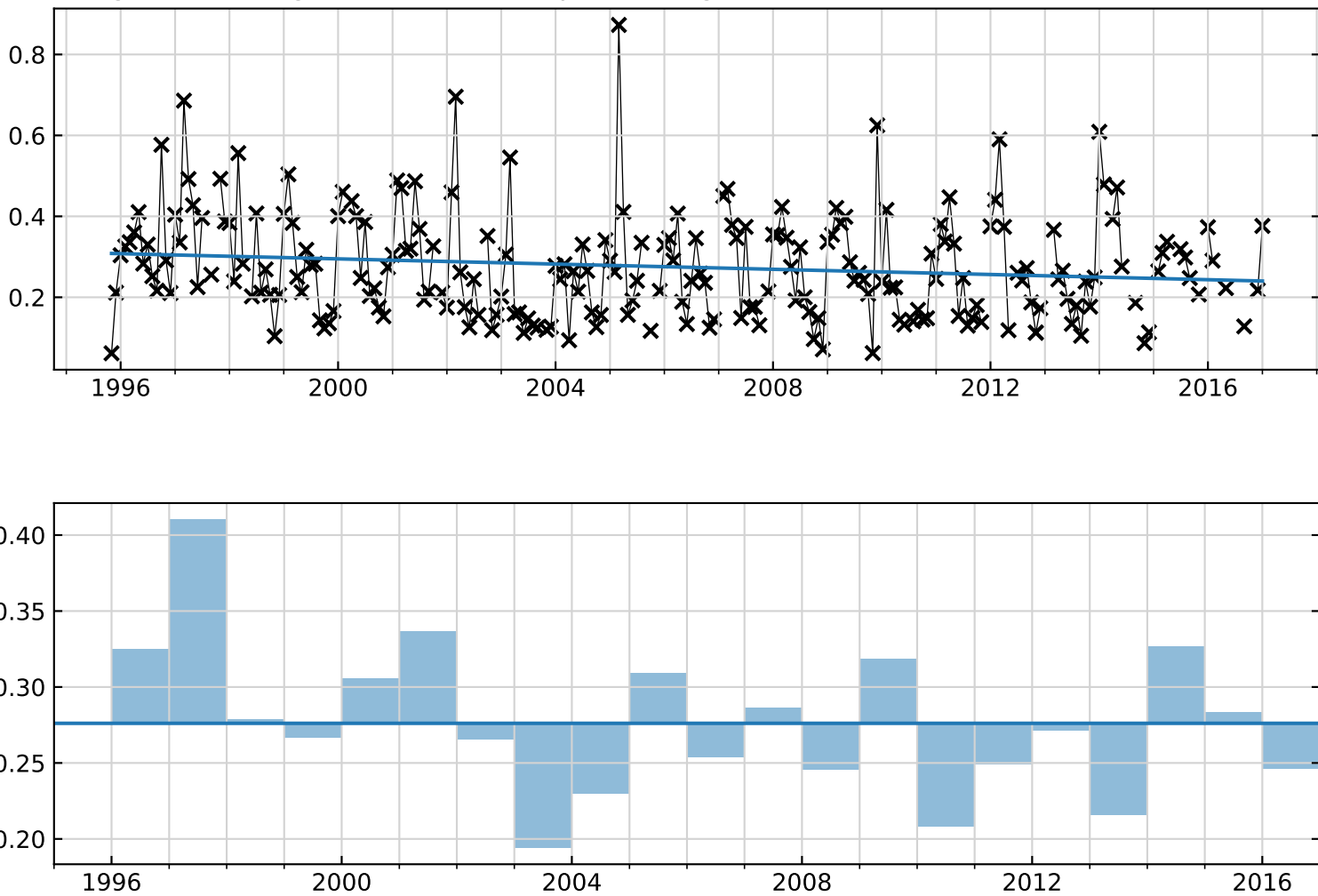
Long name: Merged USF/UDO Nitrate (intgr. 100m), Source: niskin, Subset: chemical



PO4\_merged

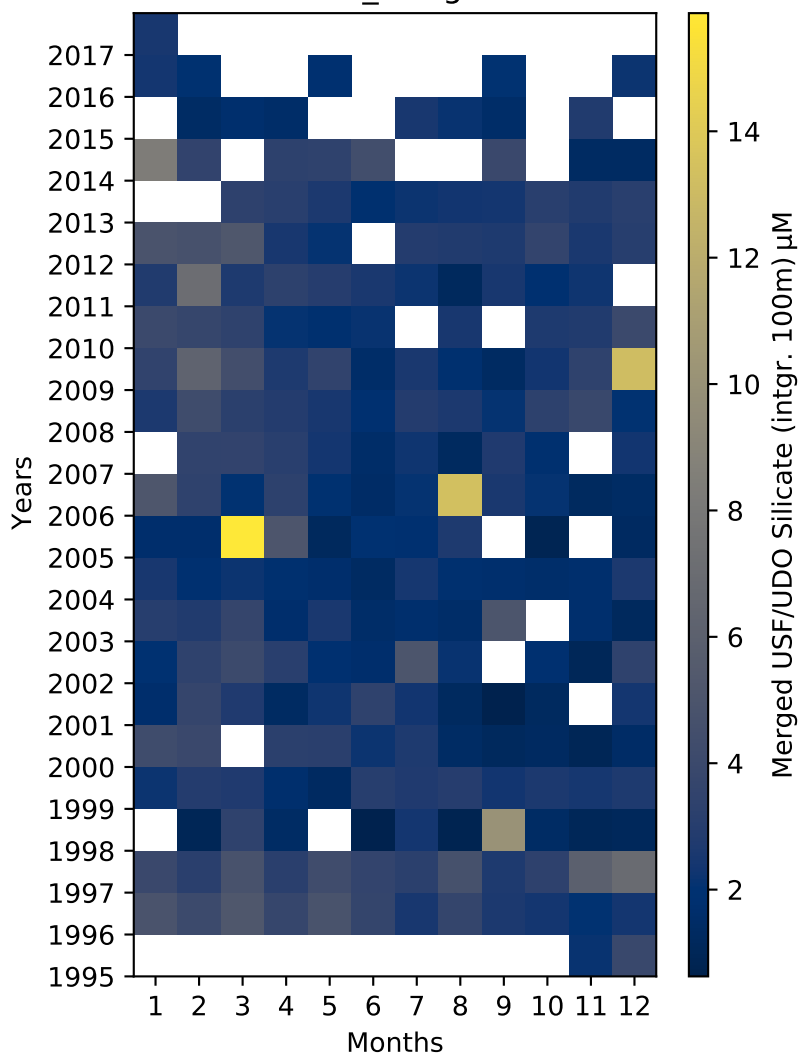


Long name: Merged USF/UDO Phosphate (intgr. 100m), Source: niskin, Subset: chemical

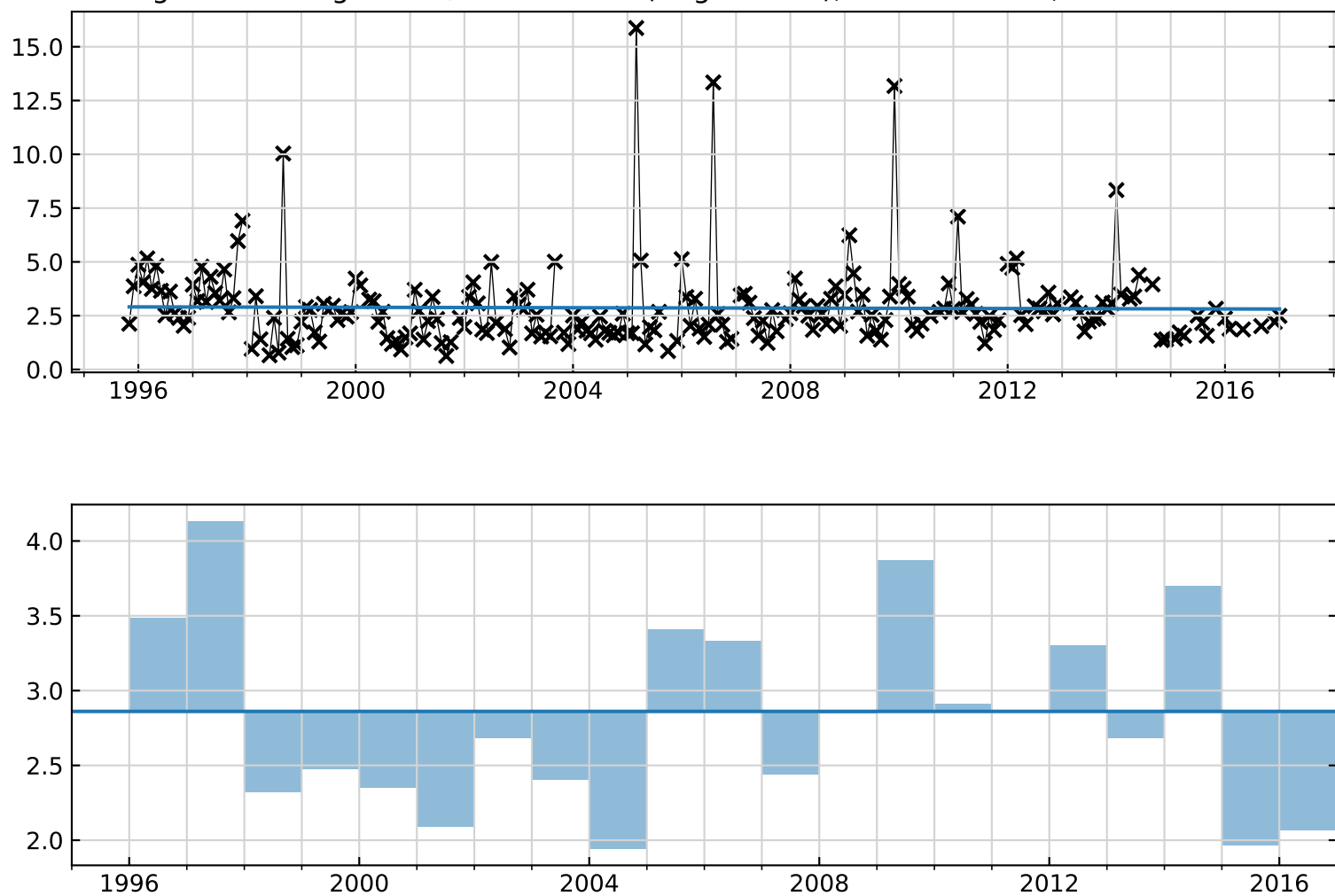




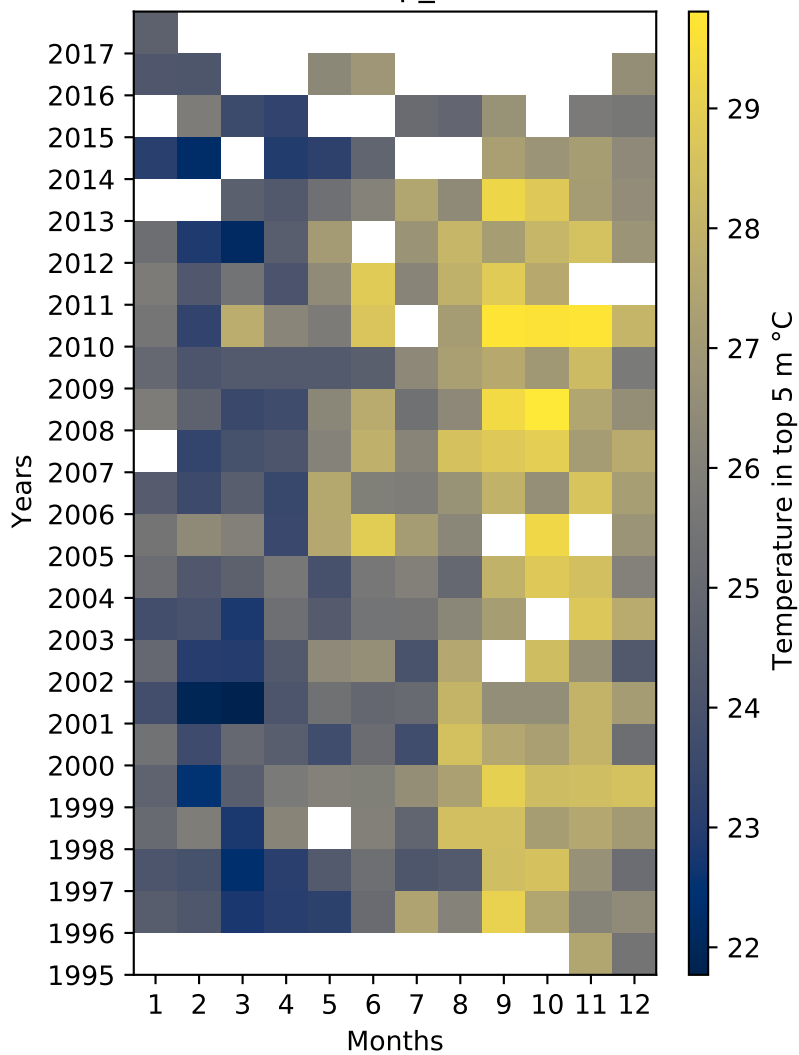
SiO4\_merged



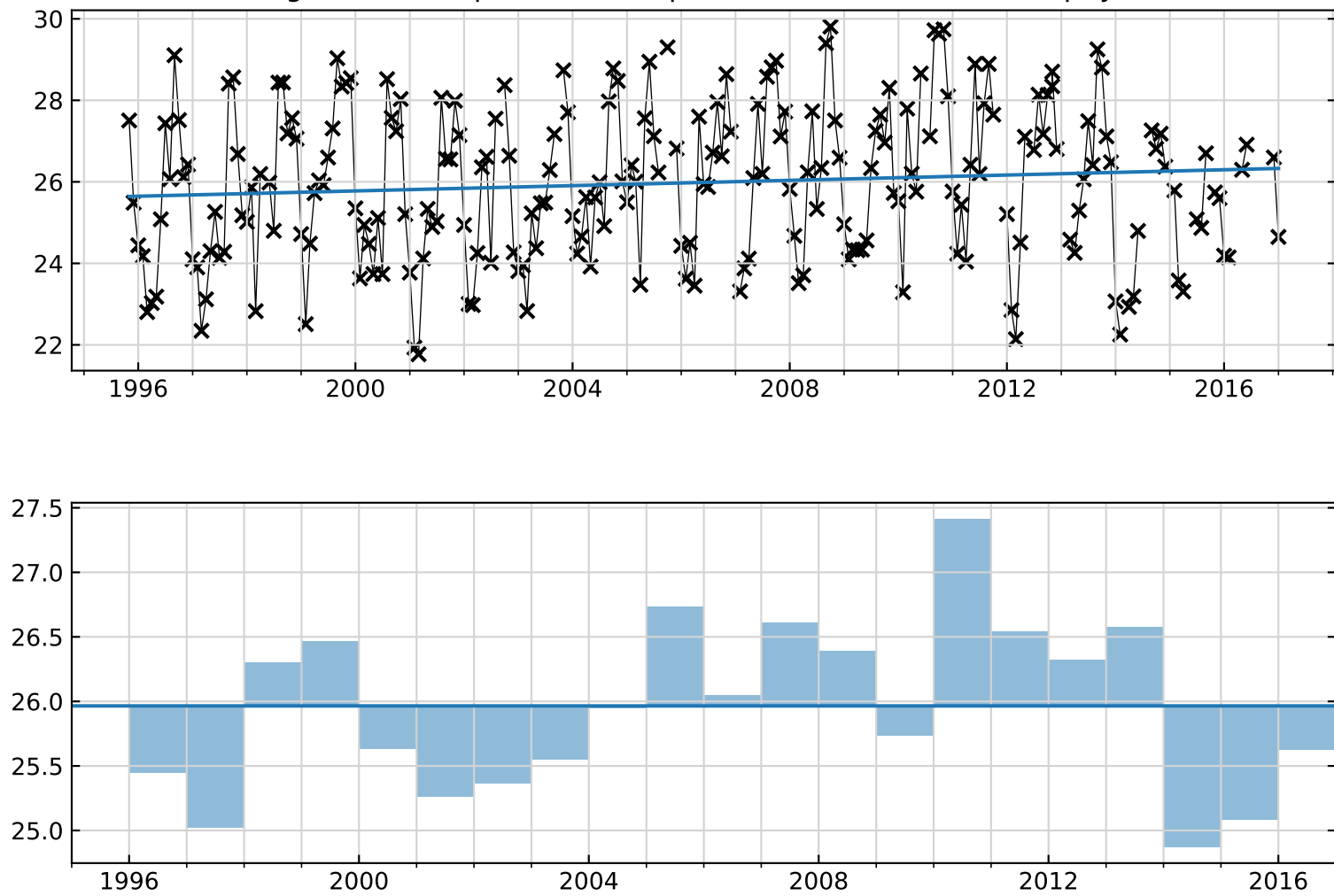
Long name: Merged USF/UDO Silicate (intgr. 100m), Source: niskin, Subset: chemical



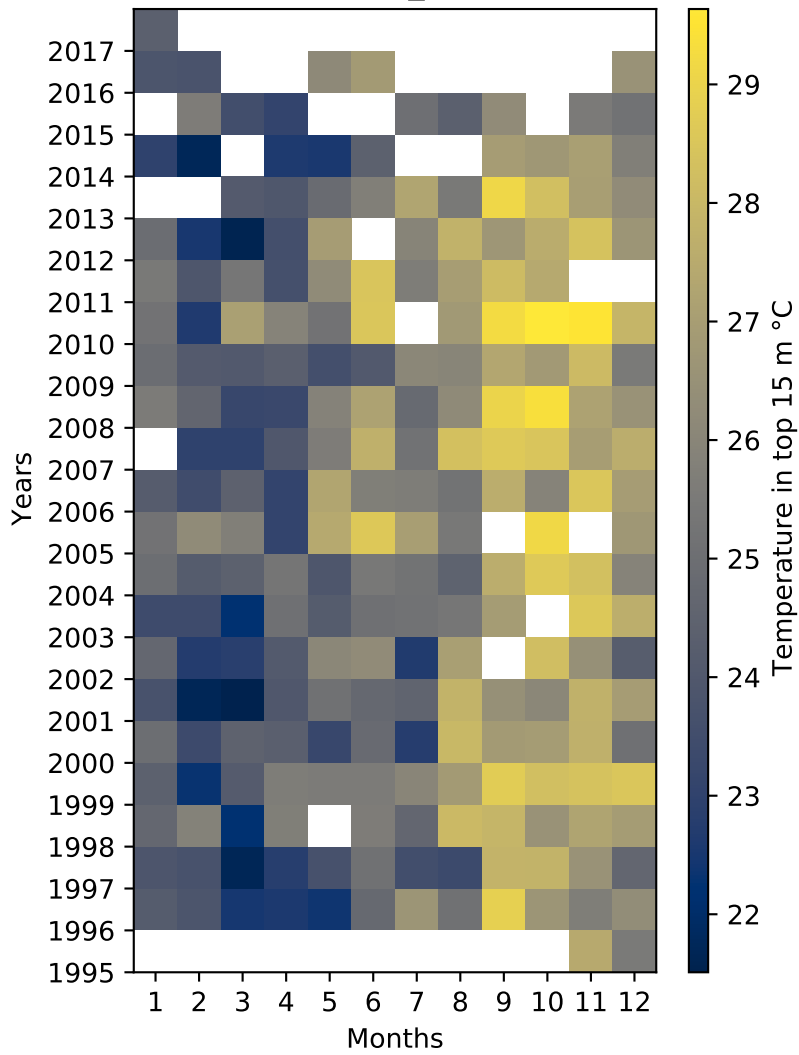
temp\_5



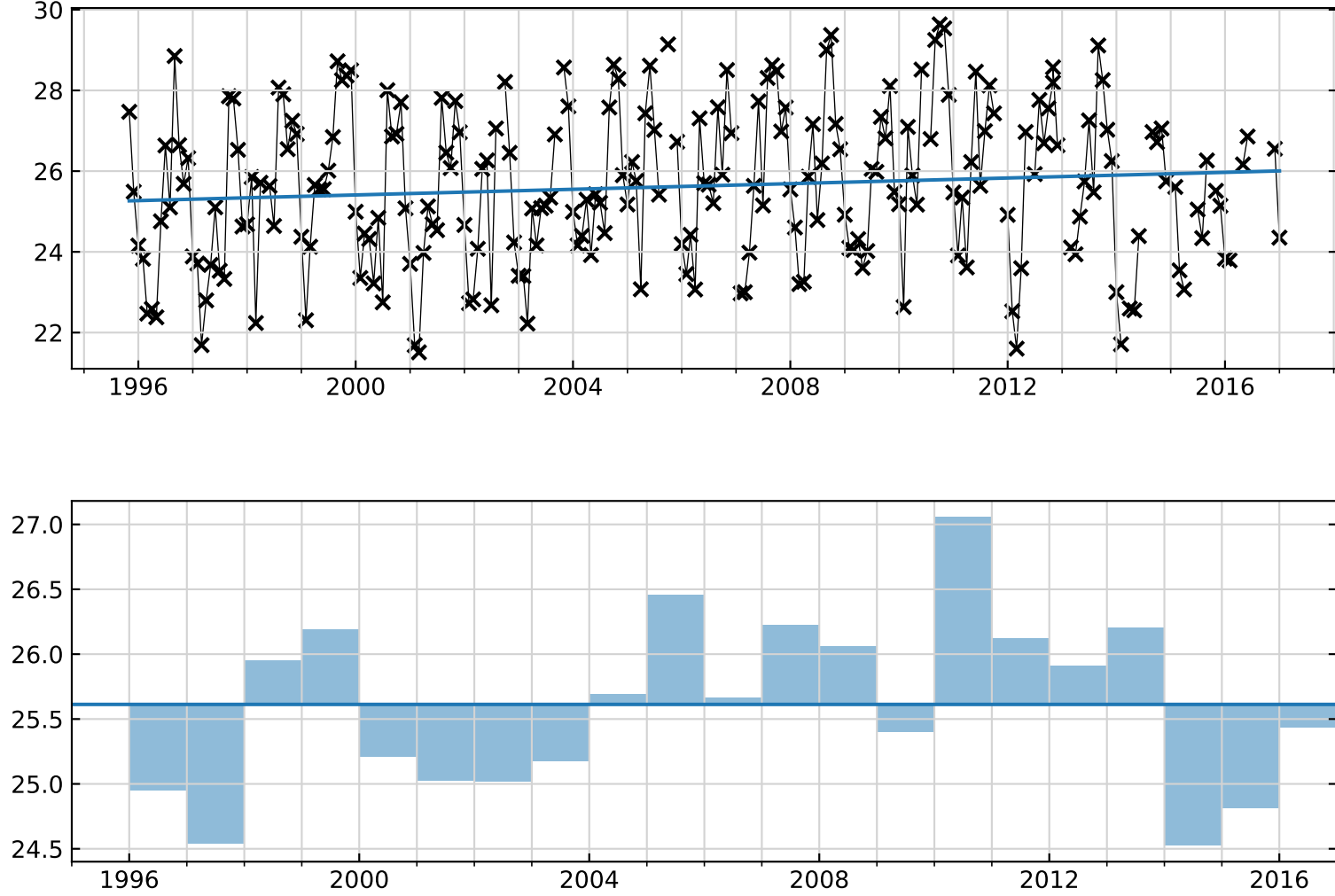
Long name: Temperature in top 5 m, Source: ctd, Subset: physical



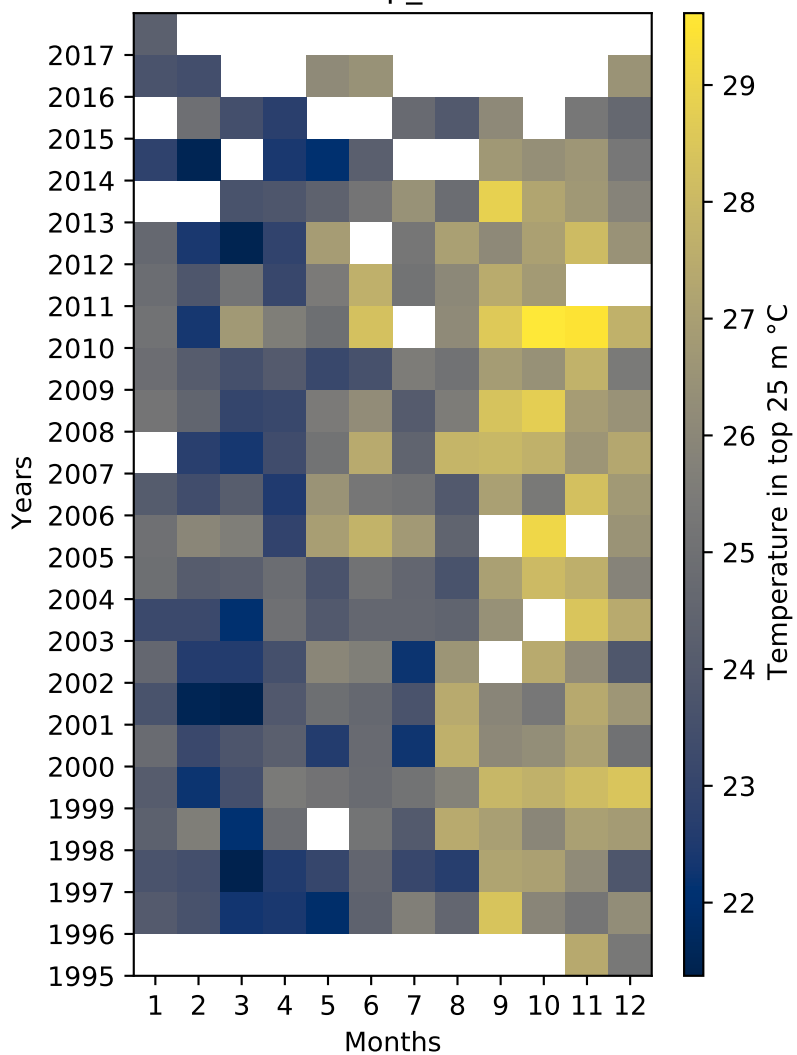
temp\_15



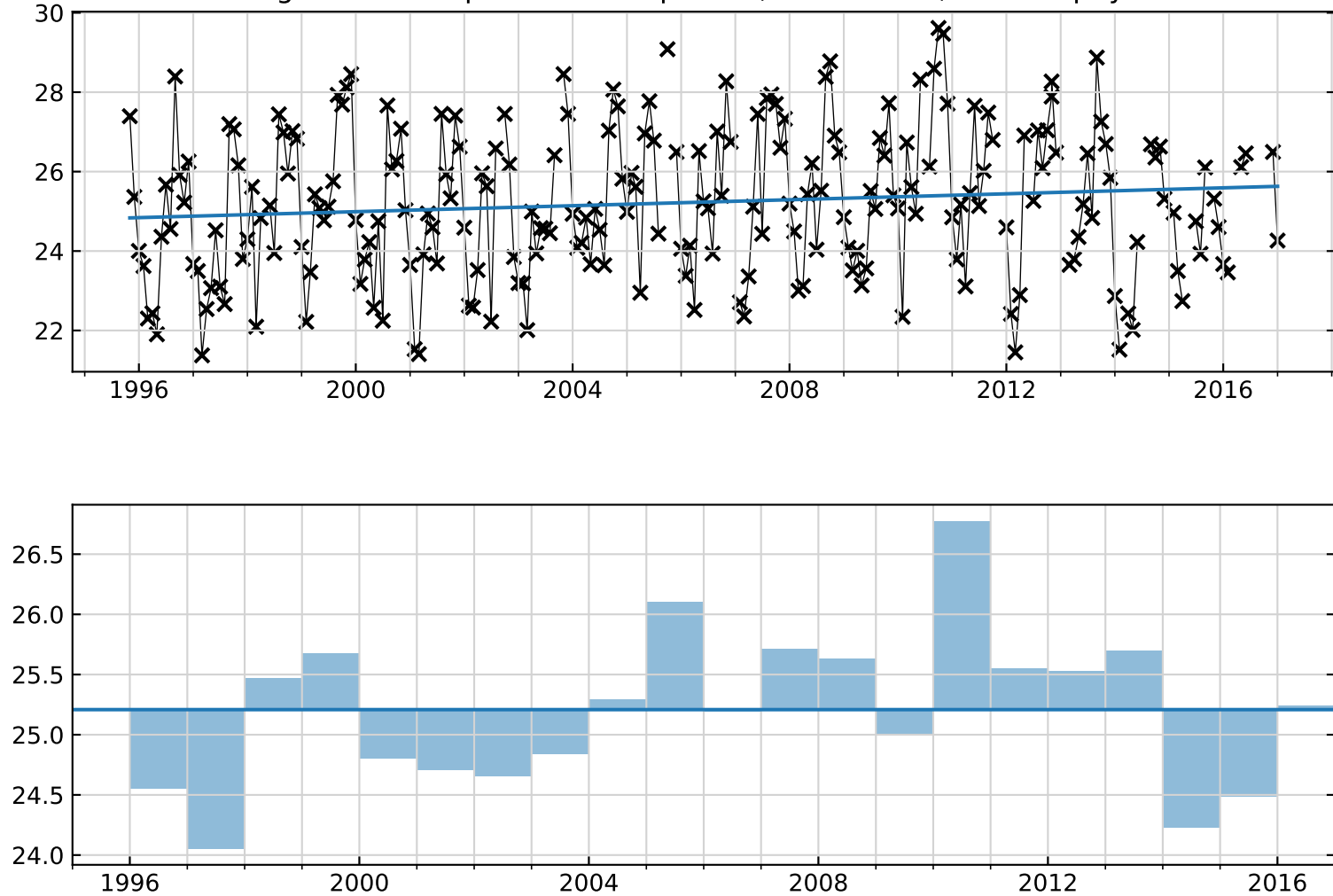
Long name: Temperature in top 15 m, Source: ctd, Subset: physical



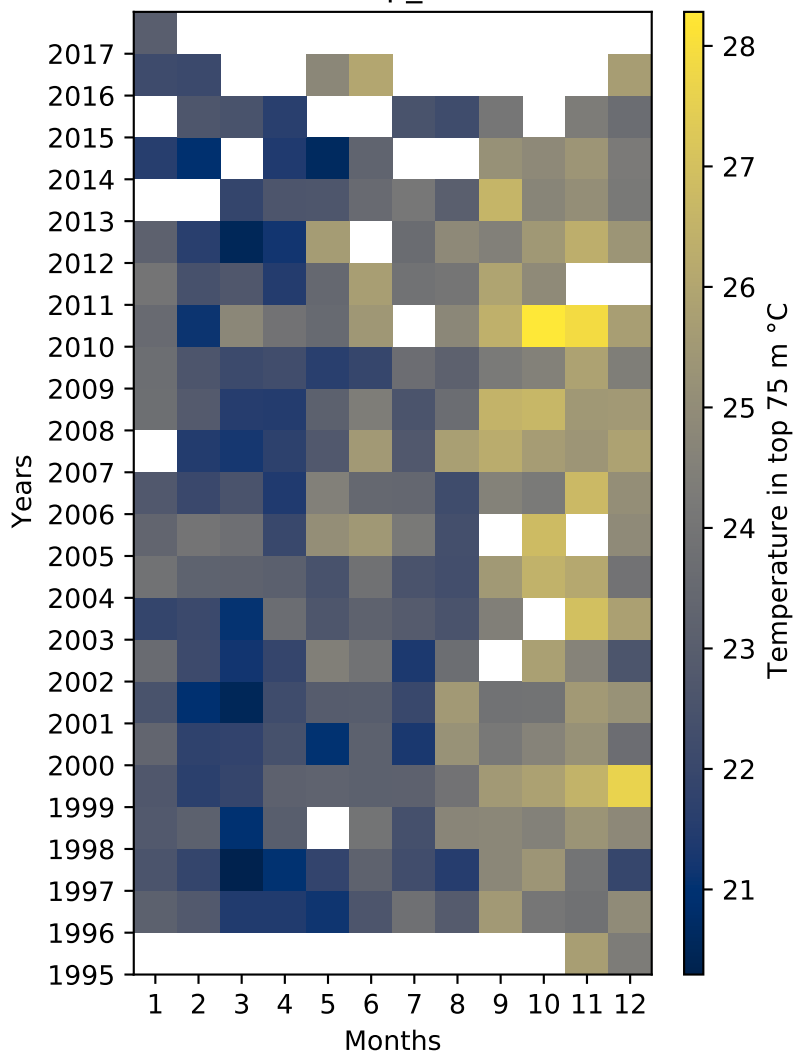
temp\_25



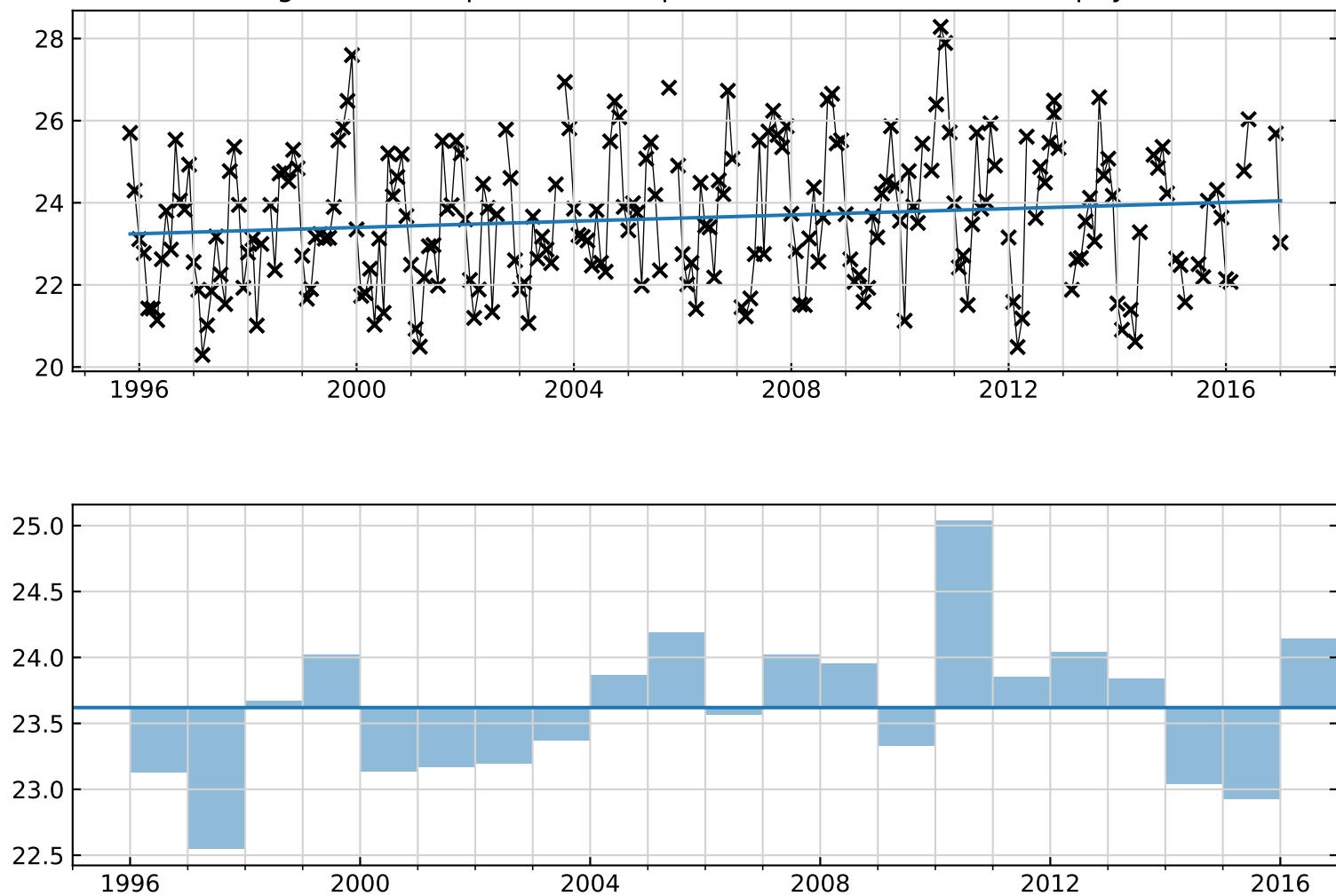
Long name: Temperature in top 25 m, Source: ctd, Subset: physical



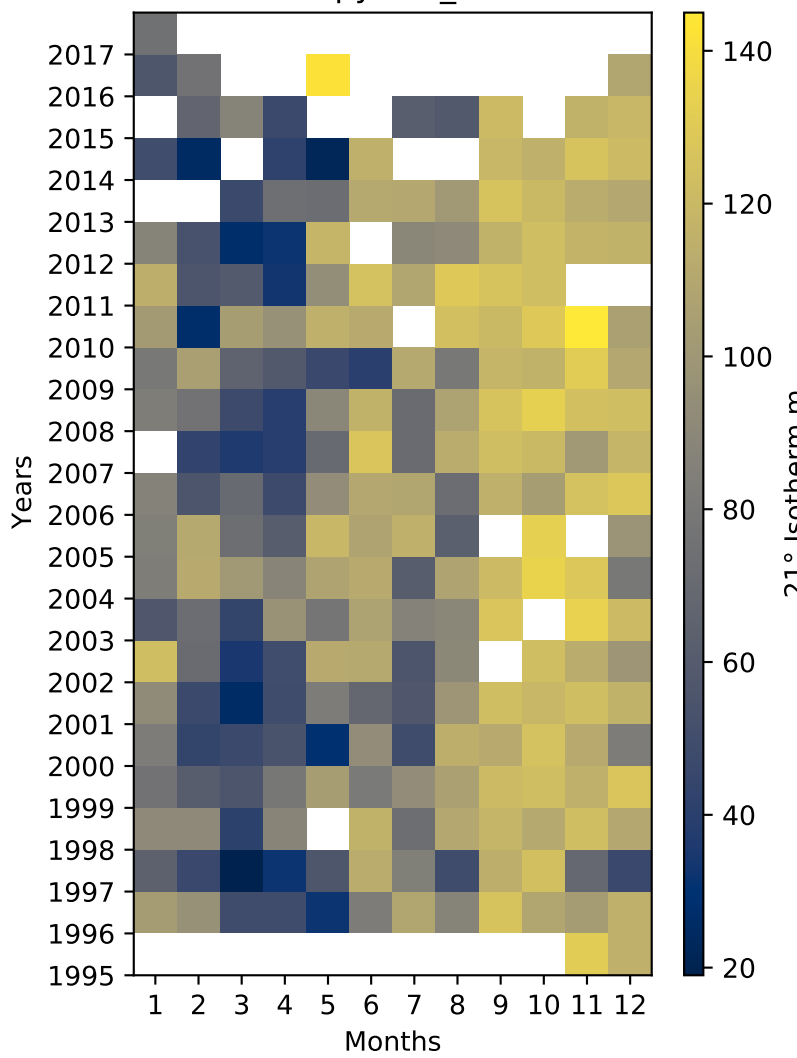
temp\_75



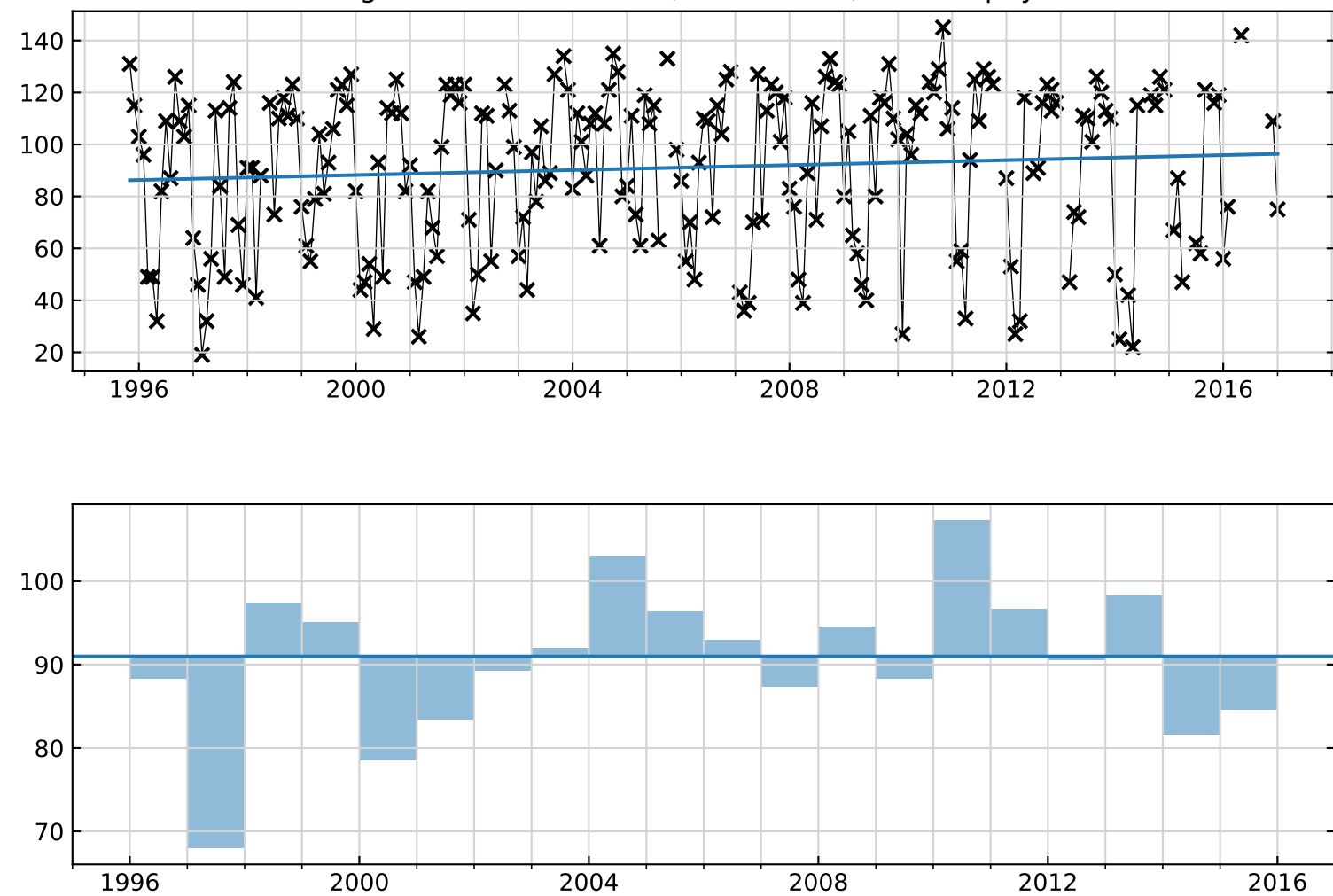
Long name: Temperature in top 75 m, Source: ctd, Subset: physical



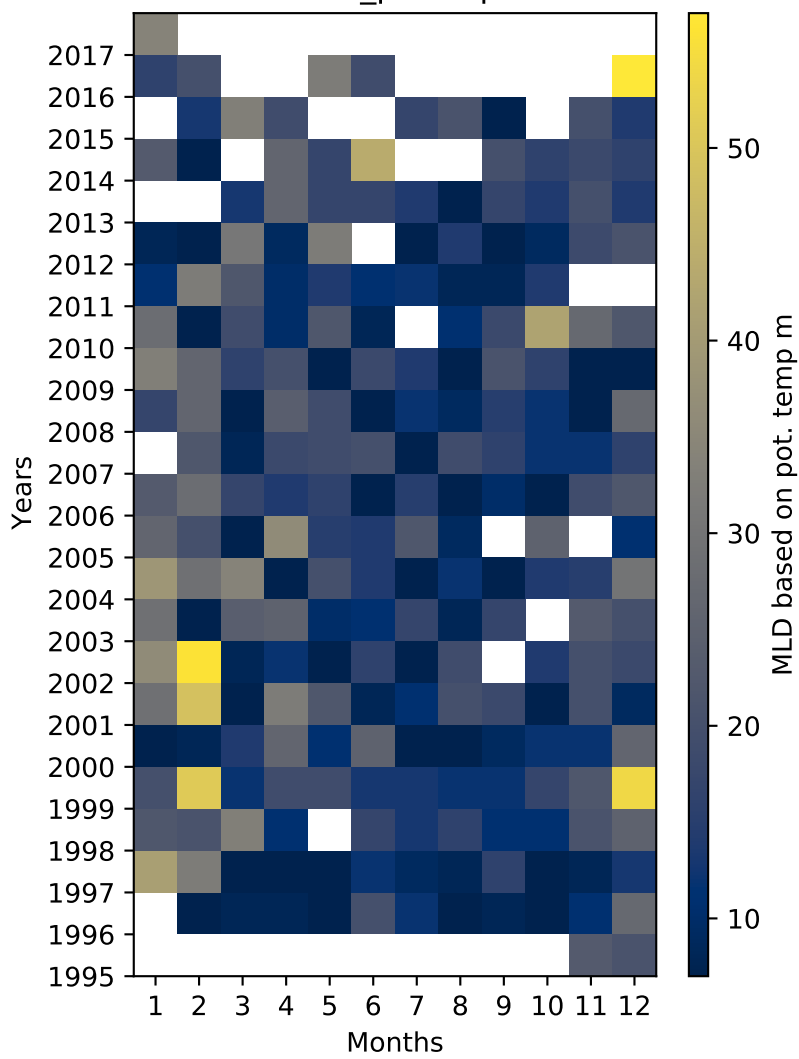
Isopycnal\_21



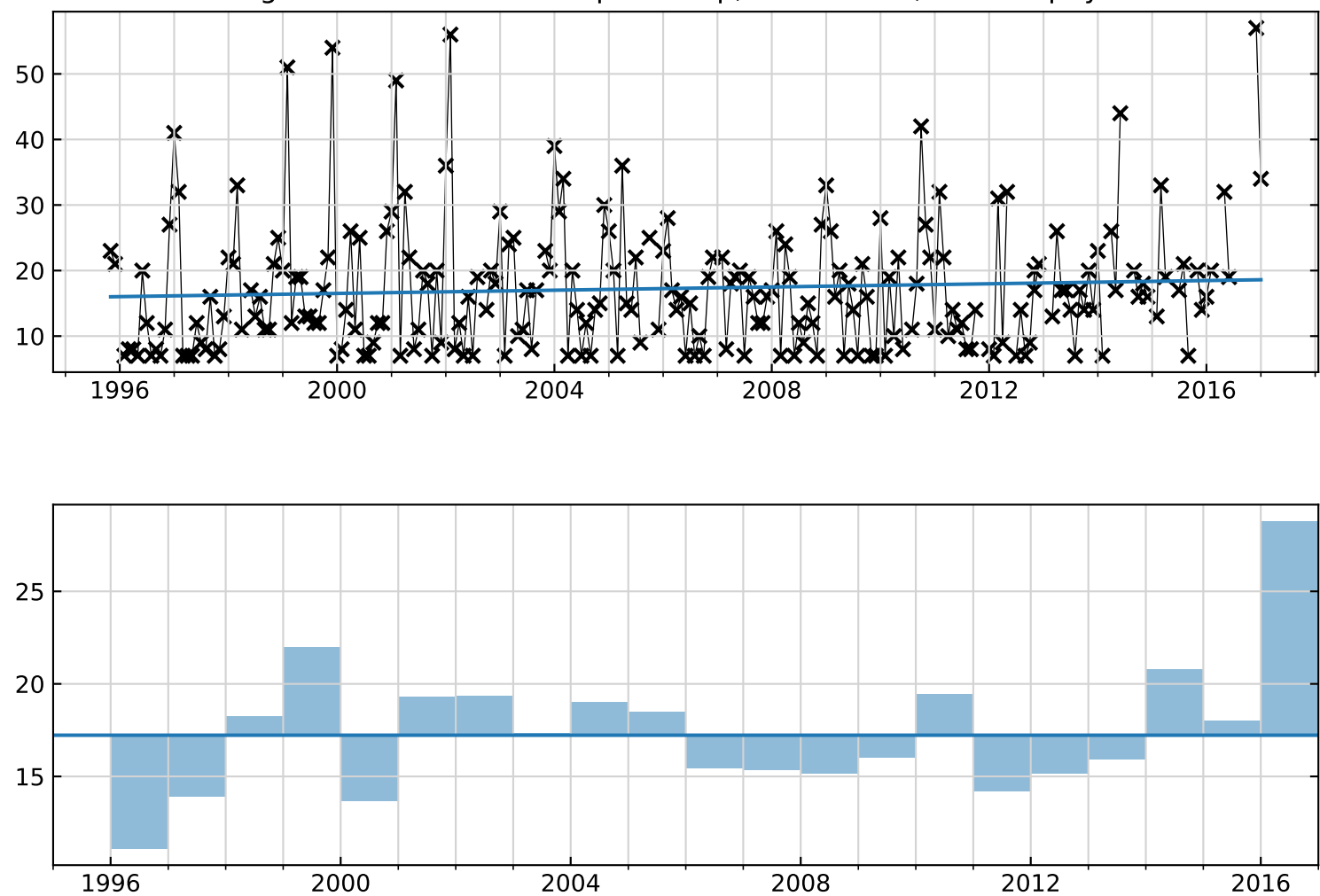
Long name: 21° Isotherm, Source: ctd, Subset: physical



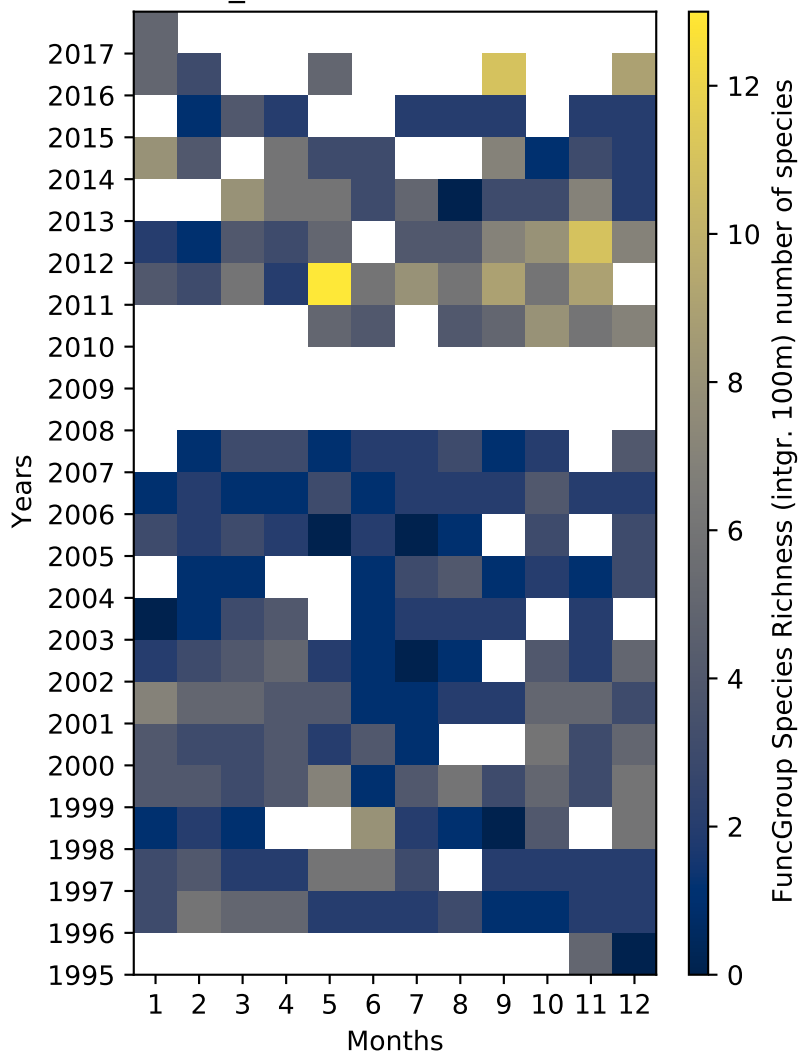
MLD\_potemp



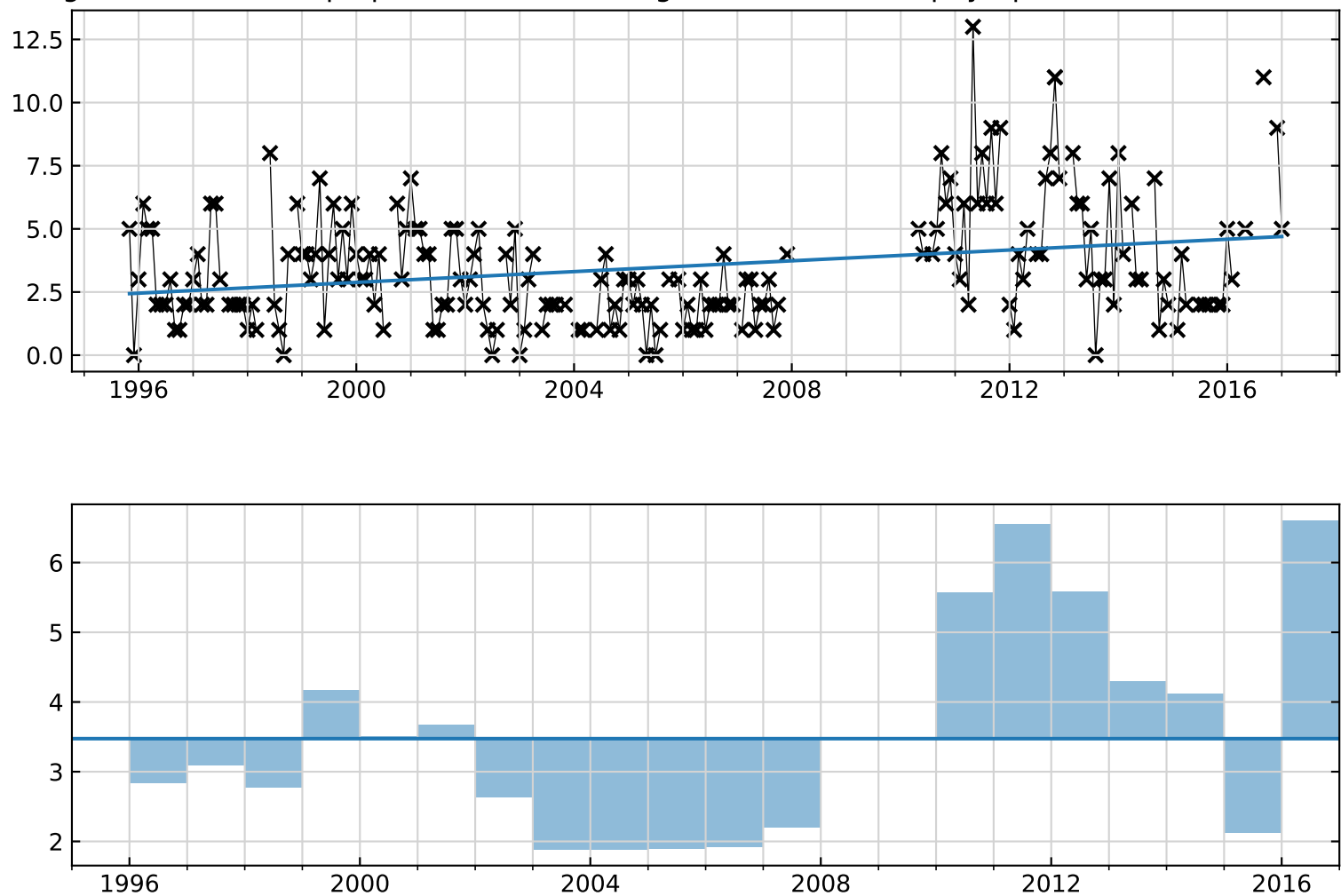
Long name: MLD based on pot. temp, Source: ctd, Subset: physical



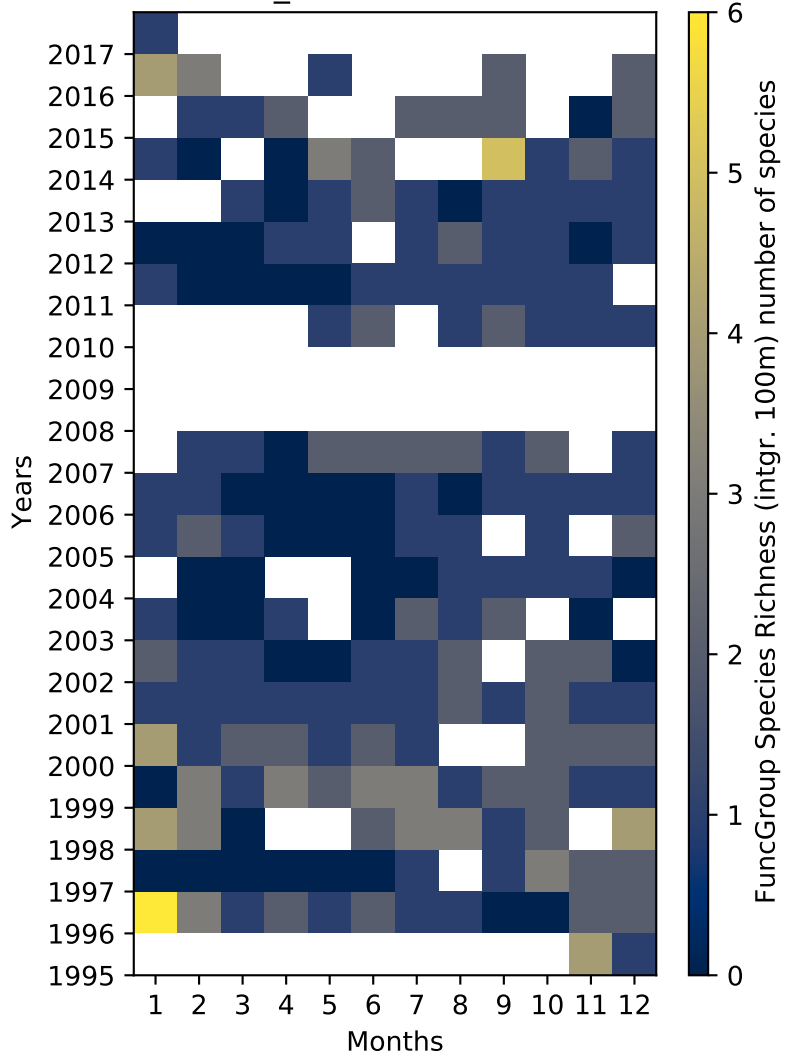
SR\_COCCOLITHOPHORIDS



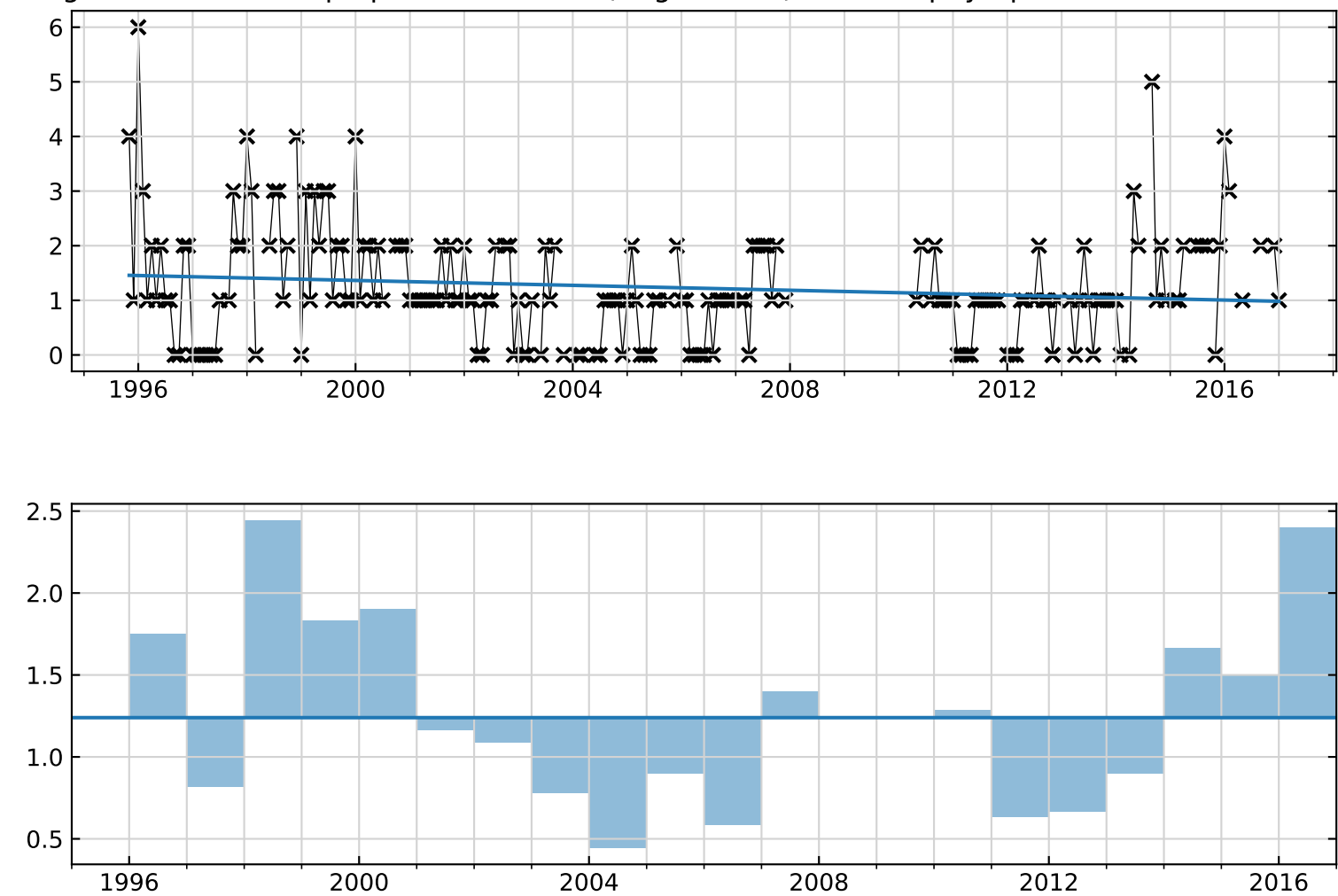
Long name: FuncGroup Species Richness (integr. 100m), Source: phytoplankton, Subset: biological



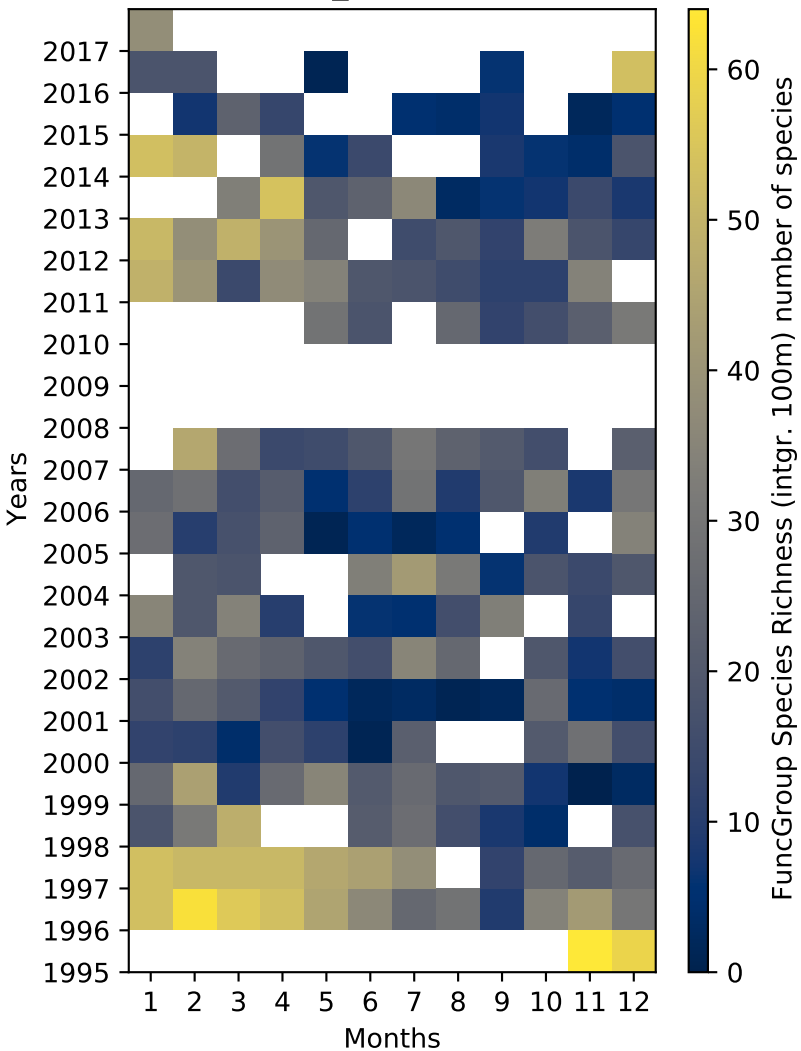
SR\_CYANOBACTERIA



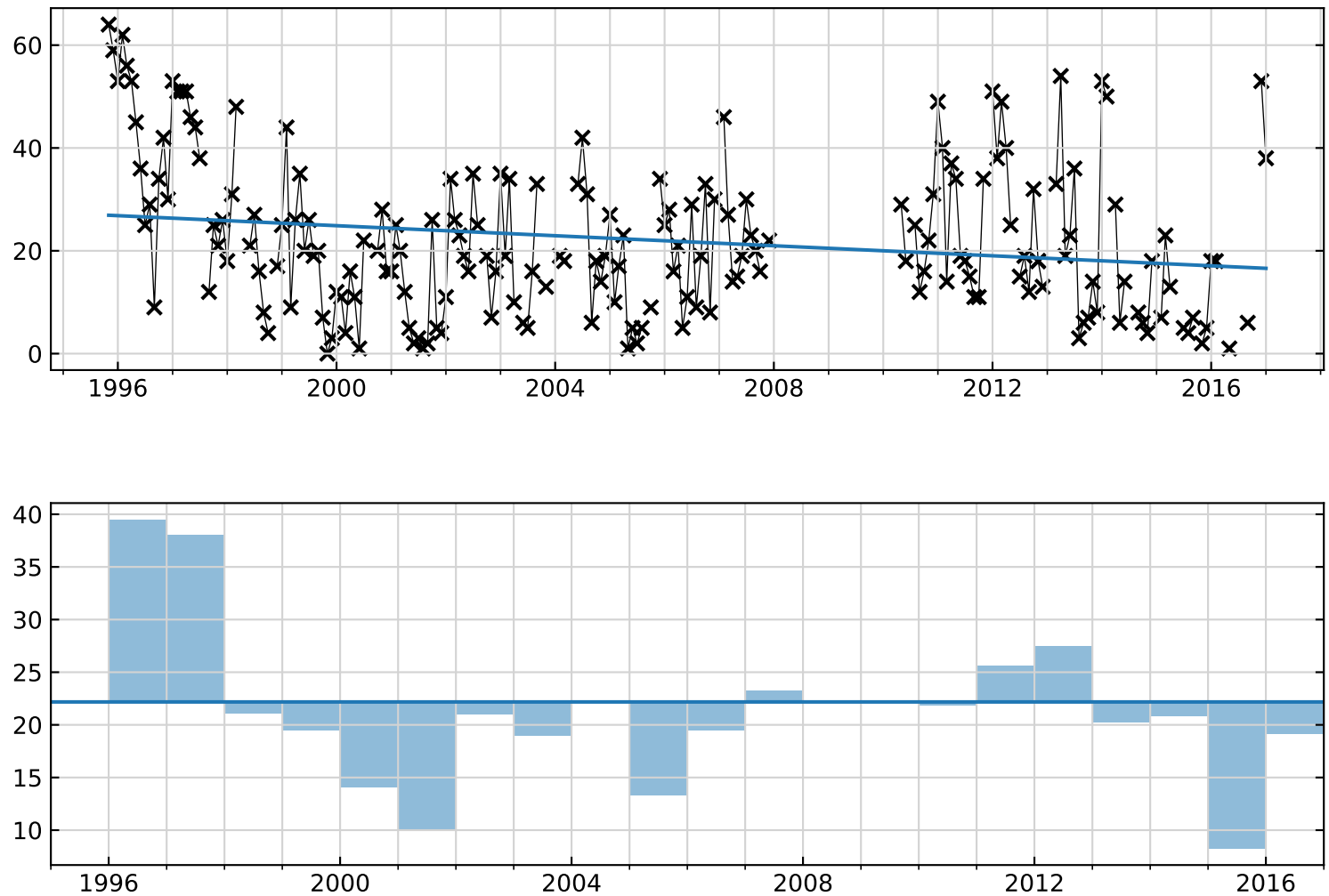
Long name: FuncGroup Species Richness (integr. 100m), Source: phytoplankton, Subset: biological



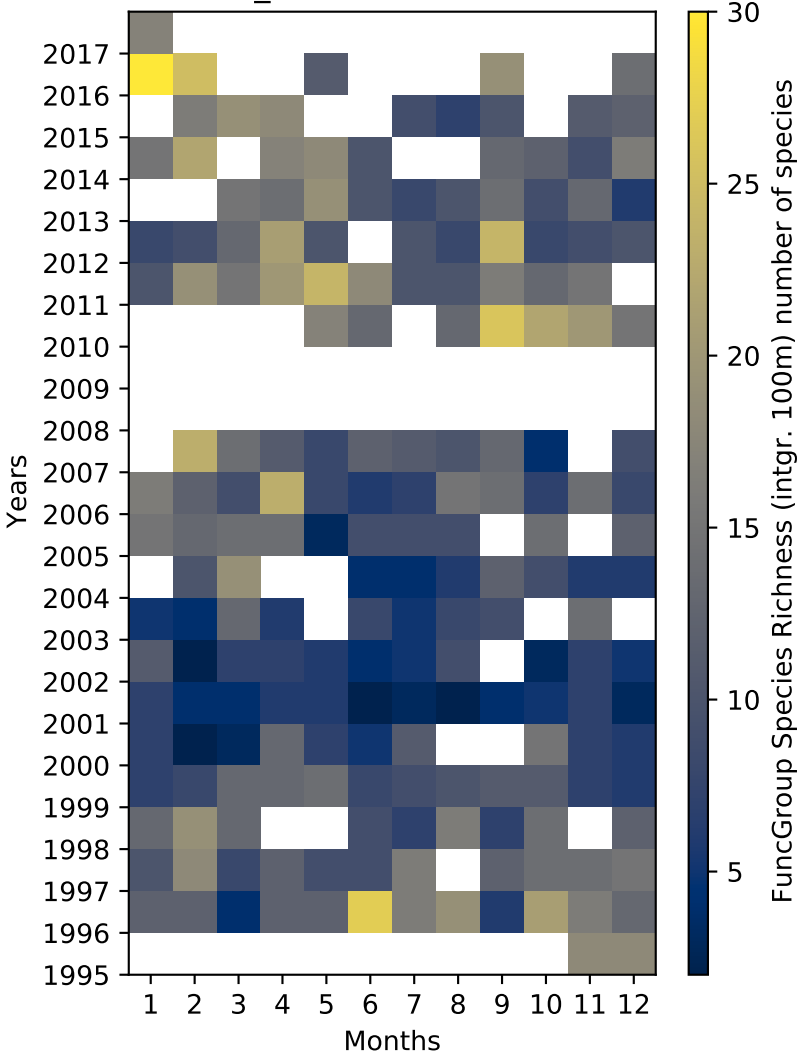
SR\_DIATOMS



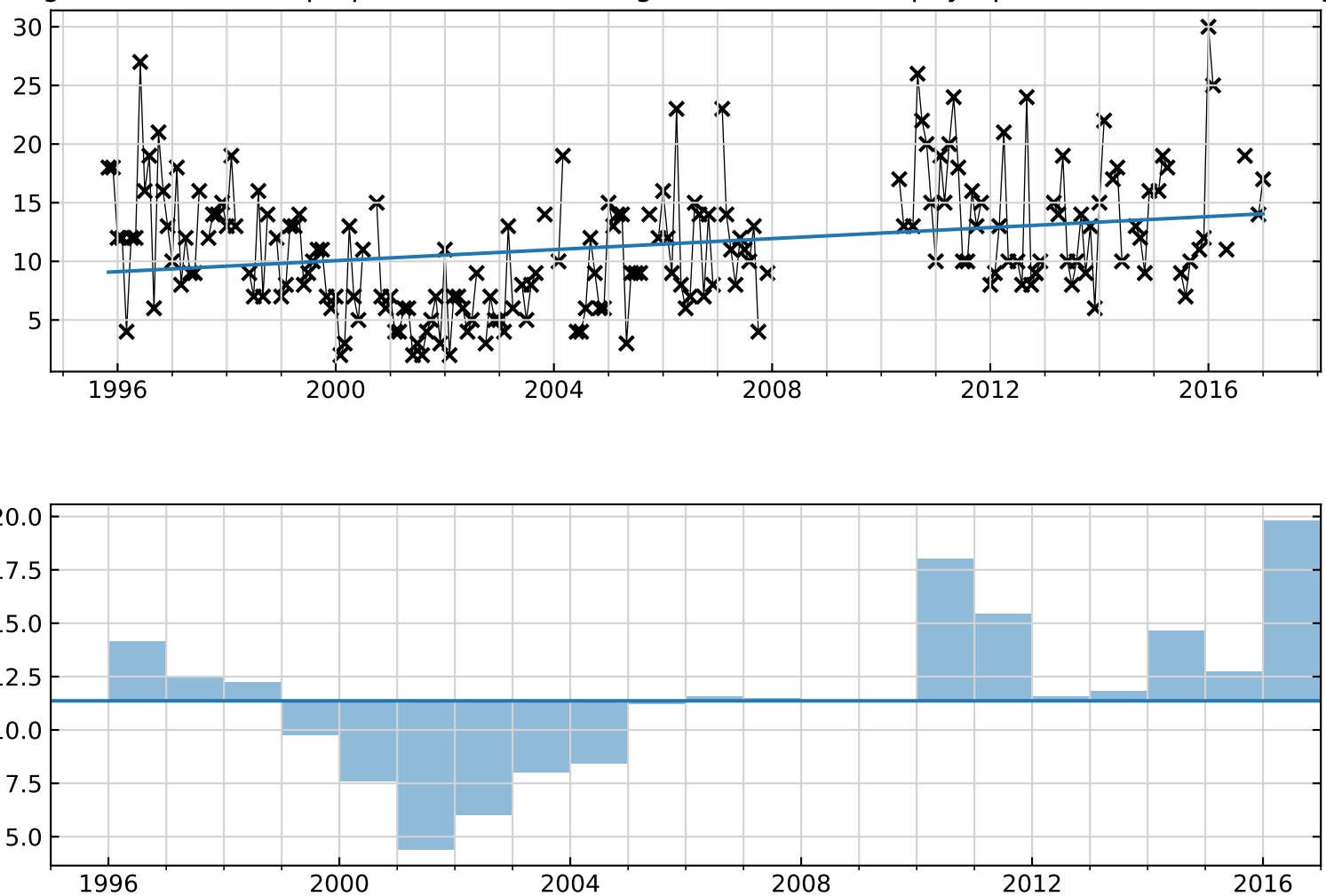
Long name: FuncGroup Species Richness (intrgr. 100m), Source: phytoplankton, Subset: biologi



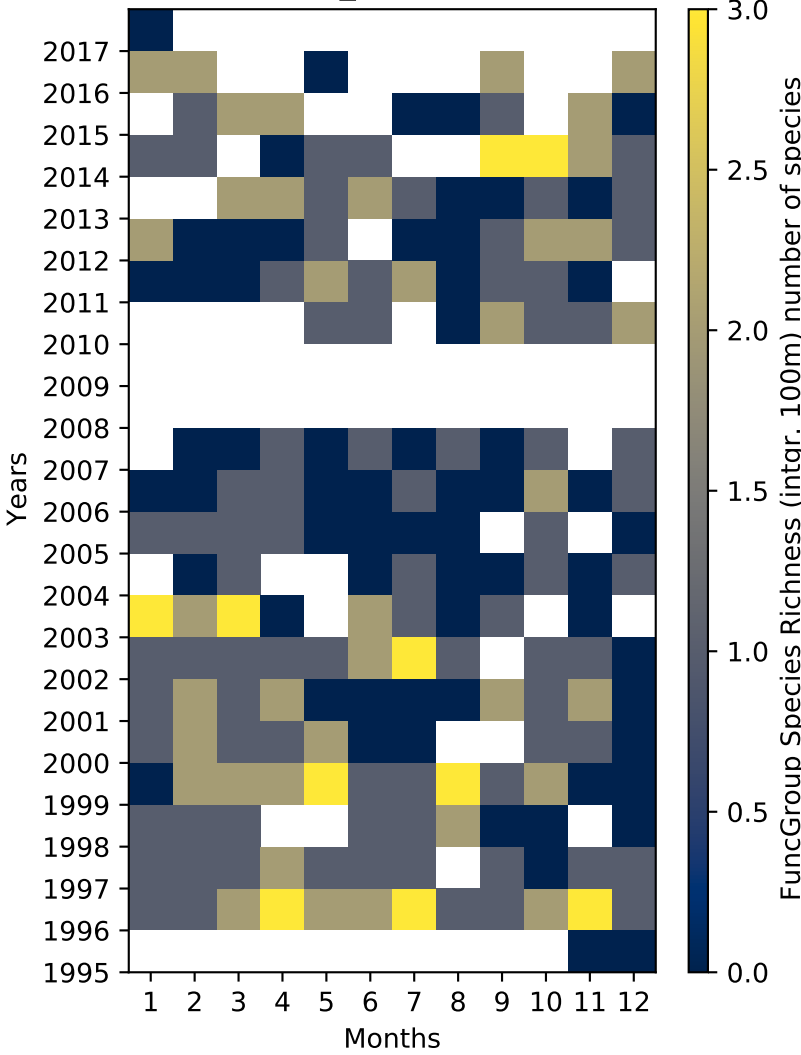
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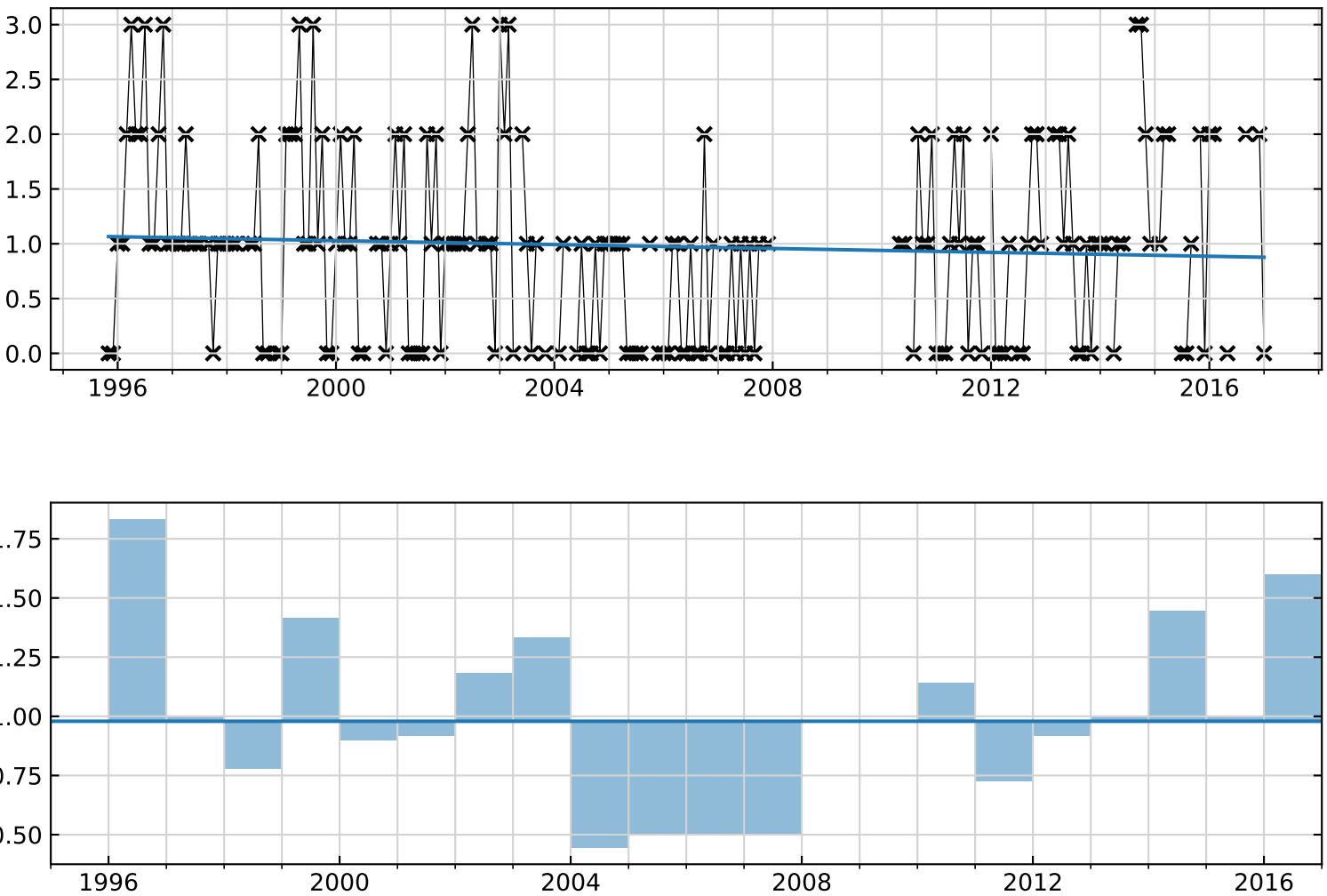
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SR\_OTHERS

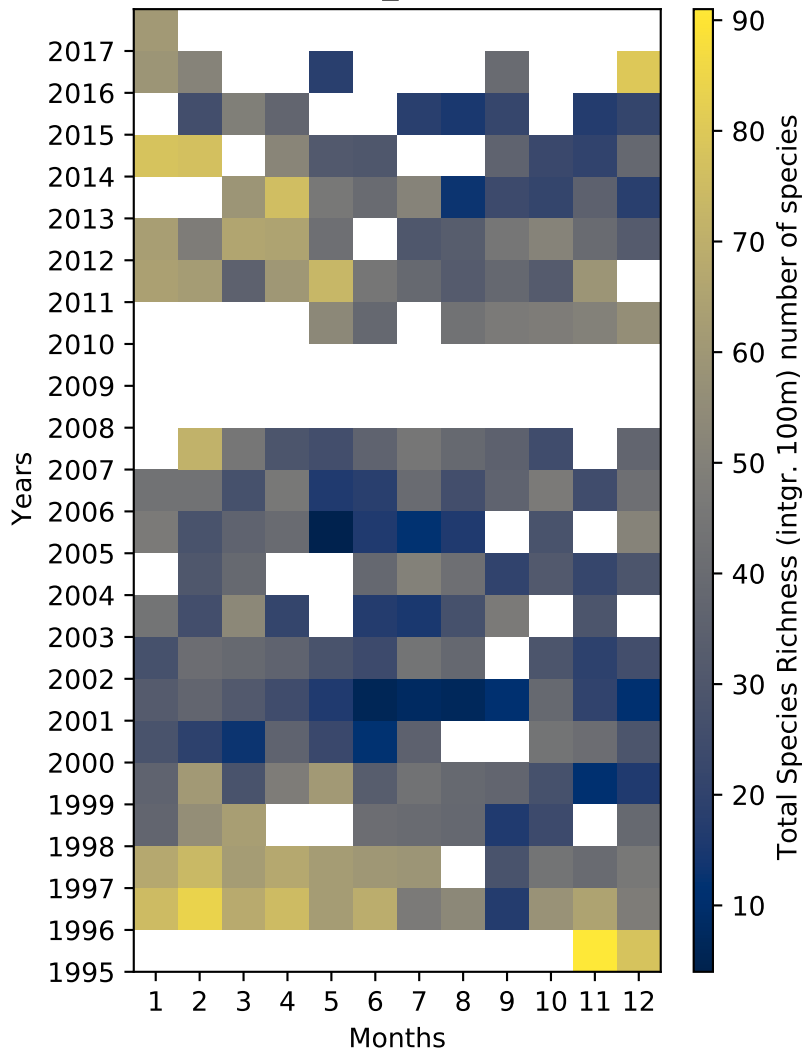


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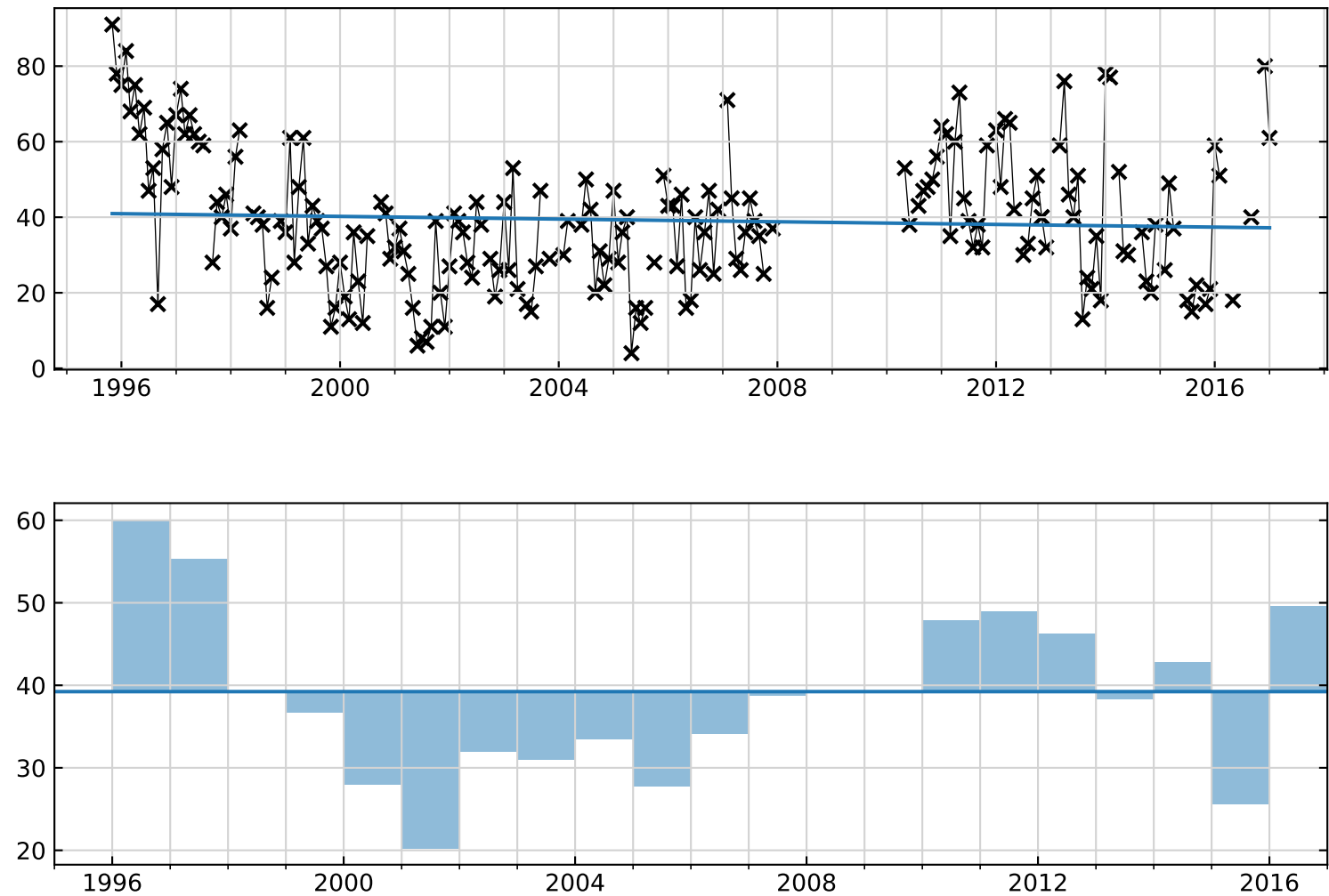




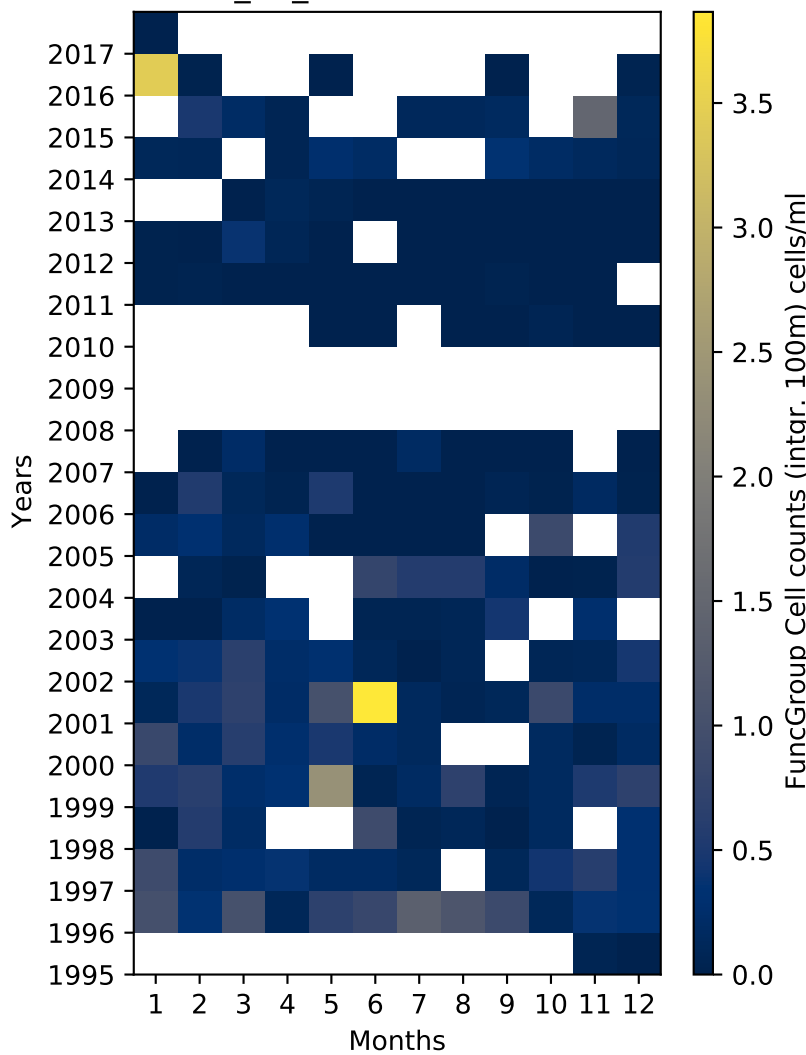
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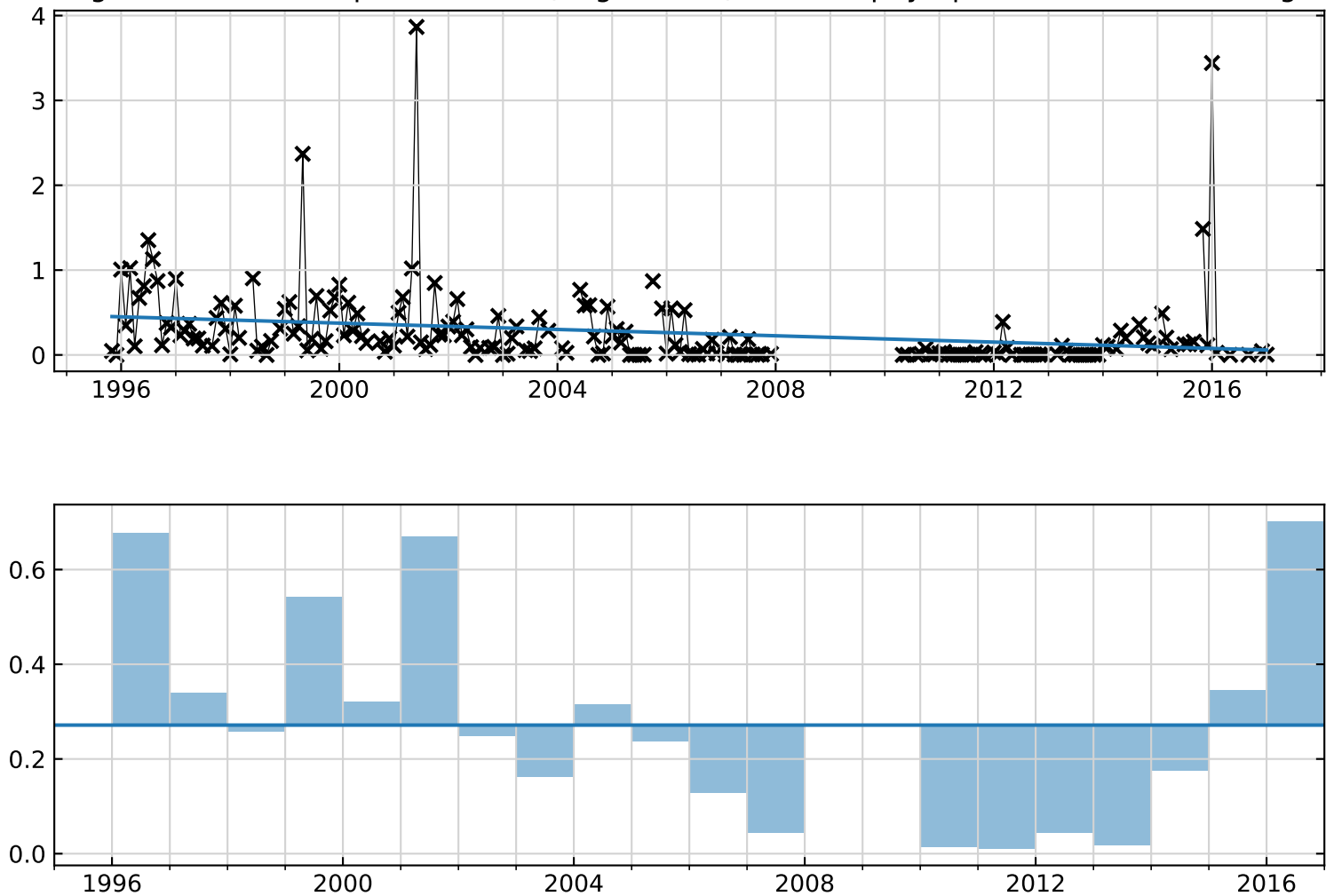
Long name: Total Species Richness (intgr. 100m), Source: phytoplankton, Subset: biological



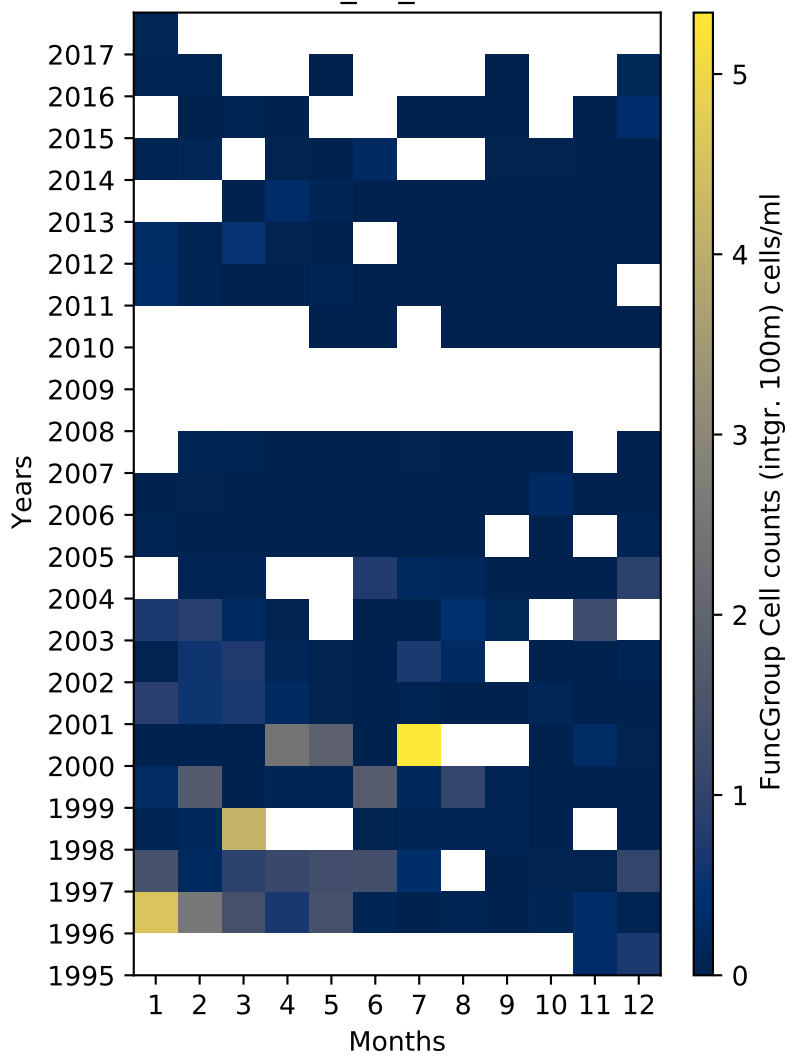
counts\_int\_COCCOLITHOPHORIDS



Long name: FuncGroup Cell counts (intgr. 100m), Source: phytoplankton, Subset: biological



counts\_int\_DIATOMS



Long name: FuncGroup Cell counts (intgr. 100m), Source: phytoplankton, Subset: biological

