

Observations and Measurements

Field Names List

Parameter	Description	Units
Sample_ID	Station number (name)	unitless
Date_local	Date of sample collection (local Alaska time)	unitless
Time_local	Time of sample collection (local Alaska time)	unitless
ISO_DateTime_UTC	Date and time of sample collection (local Alaska time); ISO timestamp based on the ISO 8601:2004(E) standard in format YYYY-mm-ddTHH:MM:SS[.xx]Z (UTC)	unitless
Latitude	Latitude of sample collection	decimal degrees
Longitude	Longitude of sample collection; West is negative	decimal degrees
Depth	Water Column Depth (Bottom depth)	meters
Collection_Depth	Depth of sample collection	time of day
Size_fraction	Size Fraction	micrometer (um)
Temperature	Temperature	degrees Celsius
Salinity	Salinity	Practical Salinity Units (PSU)
N_Fixation_Rate_Absolute	Absolute Nitrogen fixation rate	micromoles per liter per hour (umol/L/h)
N_Fixation_Rate_SE	Nitrogen fixation rate standard error	micromoles per liter per hour (umol/L/h)
		micromolar

Ammonium	Ammonium concentration [NH ₄]	(umol/L)
Ammonium_SD	Ammonium concentration [NH ₄] standard deviation	micromolar (umol/L)
Nitrate	Nitrate concentration [NO ₃]	micromolar (umol/L)
Nitrate_SD	Nitrate concentration [NO ₃] standard deviation	micromolar (umol/L)
Phosphate	Phosphate concentration [PO ₄]	micromolar (umol/L)
Phosphate_SD	Phosphate concentration [PO ₄] standard deviation	micromolar (umol/L)