

# Observations and Measurements

## Field Names List

<b>Parameter</b>	<b>Description</b>	<b>Units</b>
cruise	Cruise Number - first two digits signify year (10 = 2010; 11 = 2011); second two digits signify the sequential number of the cruise in each year	Number
station	Station Number; in order occupied (1 = South Station; 2 = North Station; 0 = Scanfish Survey)	Number
campaign	Campaign Number; in order conducted (1 = Anchor; 2 = Trawl; 0 = Scanfish Survey)	Number
campaign_name	Campaign Name; which identifies both the station and the campaign	Name
CTD_cast	Consecutive CTD number from each cruise	Number
lat	North Latitude	Decimal Degrees
lon	West Longitude	Decimal Degrees
year_gmt	Year data was collected	Year
month_gmt	Month data was collected	Month
day_gmt	Day data was collected	Day
hour_gmt	Hour data was collected	Hour
minute_gmt	Minute data was collected	Minute
seconds_gmt	Second data was collected	Second
press	Pressure in decibars	db
temp	Temperature in degrees C from sensor 1	C
temp2	Temperature in degrees C from sensor 2	C
cond	Conductivity	S/m
cond2	Conductivity	S/m
O2_volts	Dissolved oxygen voltage	mV
fluor	Chlorophyll a fluorescence	mg/m <sup>3</sup>
beam_atten	Beam attenuation	1/m

Parameter	Description	Units
beam_trans	Beam transmission	%
alt	Depth of the altimeter	m
O2_mg_L	Dissolved oxygen concentration in mg/L	mg/L
O2_sat	Dissolved oxygen saturation in %	% saturation
sigma_t	Density in kg/m <sup>3</sup>	Kg/m <sup>3</sup>
depth	Depth in saltwater	m
temp_diff	Temperature difference calculated between different temperature sensors	C
sal	Salinity from sensor 1	PSU
sal2	Salinity from sensor 2	PSU
bin	Number of scans averaged for this bin of data	Number
flag	Flagged data	n/a
density_diff	Density difference between the primary and secondary sensors.	Kg/m <sup>3</sup>
ISO_DateTime.UTC	ISO 8601:2004(E) standard for time. Added to the dataset by the DMO.	YYYY-MM-DDTHH:MM:SS.xx