

Observations and Measurements

Field Names List

Parameter	Description	Units
cruiseid	official cruise name	text
cruise_informal	The Year and the cruise series. i.e. 1101 = the first cruise in 2011	text
year	year	time
month_local	month	time
tow	MOCNESS trawl series number	text
day_local	day in local time	time
net	net number	text
gear	the sampling gear	text
time_local	local time of day	HH:MM
lat_best	the latitude when a MOCNESS tow starts; considered the best latitude by the PI	decimal degrees
lon_best	the longitude when a MOCNESS tow starts; considered the best longitude by the PI	decimal degrees
yday_local	day of year in local time	time
vol_filt	filtration volume, i.e the volume of water flowing through the net	cubic meters
temp	water temperature	degrees centigrade
sal	water salinity	PSU
O2_mg_L	dissolved Oxygen	milligrams per liter
fluor	Chlorophyll a concentration from Wetlabs FLNTU	milligrams per cubic meter
turbidity	turbidity measured in Nephelometric Turbidity Unites (NTU) from Wetlabs FLNTU	NTU
PAR	Photosynthetically available radiation	microEinsteins per square meter per second
lat_end	the latitude when a MOCNESS tow ends	decimal degrees

Parameter	Description	Units
lon_end	the longitude when a MOCNESS tow ends	decimal degrees
low_depth_best	the surface depth of a net trawl; considered the best depth by the PI	m
high_depth_best	the bottom depth of a net trawl; considered the best depth by the PI	m
angle	MOCNESS trawl angle	degrees
dist	the tow distance	kilometers
area_net	the net mouth opening area	meters square
site	sampling station: north or south	text
splits	the number of times the sample is split in half	number
dilution	the dilution volume of a split sample	ml
subsample_size	the subsample volume from a diluted sample	ml
genus	the genus name	text
species	the species name	text
stage	the copepod stages: nauplii (N1-N6); copepodite (C1-C5); adult (Female or Male)	text
count_subsample	the counted numbers in a subsample	number
abund_m3	number of individuals per cubic meter sampled	number
abund_m2	integrated abundance; number of individuals in a square meter	number