

Table 12. EPIC variable names used in NetCDF data files in this report.

[cm, centimeter; cm/s, centimeters per second; cm^2/s^2 , centimeters squared per second squared; $^{\circ}\text{C}$, degrees centigrade; d, decibars; dynes/cm^2 , dynes per square centimeter; kg/m^3 , kilograms per cubic meter; m, meters; m^{-1} , inverse meters; mg/L , milligrams per liter; mb, millibar; ppt, parts per thousand; μM , micro molar; s, seconds; S/m, Siemens per meter; %, percent; $\mu\text{g}/\text{L}$, microgram per Liter; V, volts]

Symbol	Description
AT_21	air temperature ($^{\circ}\text{C}$)
ATTN_55, ATTN1_55, ATTN2_55	beam attenuation (m^{-1})
BP_915	barometric pressure (mb)
C_50	conductivity (S/m)
C_51	conductivity (S/m)
CA3_937	chlorophyll-a concentration ($\mu\text{g}/\text{L}$)
CD_310	current direction (degrees)
CS_300	current speed (cm/s)
Fch_906	chlorophyll-a concentration ($\mu\text{g}/\text{L}$)
fws_973	chlorophyll concentration from Wetstar fluorometer ($\mu\text{g}/\text{L}$)
lat	latitude (degrees)
lon	longitude (degrees)
NEP_56	backscatter intensity (V)
O_60	oxygen (mL/L)
OST_62	oxygen (% saturation)
P_1	pressure (db)
P_4020	pressure (mb)
P_4022	pressure (mb)
P_4023	pressure (mb)
peru_4056	eastward zero crossing period (s)
perv_4057	northward zero crossing period (s)
S_40	salinity (PPT)
SDP_850	standard deviation of pressure (mb)
ST_70	sigma theta (kg/m^3)
STH_71	sigma theta (kg/m^3)
T_20	temperature ($^{\circ}\text{C}$)
T_25	sea surface temperature ($^{\circ}\text{C}$)
T_28	temperature ($^{\circ}\text{C}$)
temp, temperature	temperature ($^{\circ}\text{C}$)
tran_4010	transmission (V)
Tx_1211	temperature, from acoustic Doppler current profiler ($^{\circ}\text{C}$)
TX_440	zonal wind stress (dynes/cm^2)
TY_441	meridional wind stress (dynes/cm^2)
Txy_448	total wind stress (dynes/cm^2)
u_1205	eastward current velocity component (cm/s)
UVAR_4050	variance of east (U) current, computed from burst data (cm^2/s^2)
UVCOV_4051	covariance of east (U) and north (V) current, computed from burst data (cm^2/s^2)
UWCOV_4053	covariance of east (U) and vertical (W) current, computed from burst data (cm^2/s^2)
v_1206	northward current velocity component (cm/s)
VVAR_4052	variance of north (V) current, computed from burst data (cm^2/s^2)
VWCOV_4054	covariance between north (V) and vertical (W) current, computed from burst data (cm^2/s^2)
w_1204	vertical current velocity component (cm/s)
WD_410	wind direction (degrees)
WS_400	wind speed (cm/s)
WU_422	eastward wind velocity component (cm/s)
WV_423	northward wind velocity component (cm/s)
WVAR_4055	variance of vertical current, computed from burst data, (cm^2/s^2)
wh_4061	wave height (m)
wd_4062	wave direction (degrees)
wp_4060	wave period (s)