

Zimbra

yzhang@mbari.org

Re: Daphne CTD values - 05/18/2015**From :** Brian Kieft <bkieft@mbari.org>

Mon, May 18, 2015 01:23 PM

Subject : Re: Daphne CTD values - 05/18/2015**To :** Brent Jones <bjones@mbari.org>, Christopher Wahl <cwahl@mbari.org>, Monique Messié <monique@mbari.org>, Francisco Chavez <chfr@mbari.org>, Yanwu Zhang <yzhang@mbari.org>, Brett Hobson <hobson@mbari.org>**Reply To :** Brian Kieft <bkieft@mbari.org>

Not to confuse the issue, but I just noticed that after being in the tank for 30 minutes or so, the values are quite different on daphne. Both times I ran the CTD for about 2 minutes prior to the copy/paste into the e-mail. The CTD itself remained unpowered for the 30 minutes it spent in the tank. See below for reference.

-bk-

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Mon 18 May 2015 12:30:10	34.6037	19.2543	8.915	24.6545

Daphne take 2:

-0.43,19.24051,47.30019,35.1307*17
-0.43,19.24121,47.30157,35.1312*1E
-0.43,19.24051,47.30069,35.1311*17
-0.43,19.24011,47.30072,35.1315*1D
-0.42,19.24097,47.30088,35.1309*1A
-0.42,19.24151,47.30077,35.1303*1B
-0.43,19.24112,47.30065,35.1306*1B
-0.43,19.24054,47.30000,35.1305*18
-0.43,19.24002,47.29961,35.1306*1E
-0.43,19.24139,47.30147,35.1310*14
-0.43,19.24087,47.29951,35.1298*16
-0.43,19.24002,47.29995,35.1309*1A
-0.43,19.24103,47.29991,35.1300*17
-0.43,19.24155,47.30027,35.1299*19

From: "Brian Kieft" <bkieft@mbari.org>**To:** "Brent Jones" <bjones@mbari.org>, "Christopher Wahl" <cwahl@mbari.org>, "Monique Messié" <monique@mbari.org>, "Francisco Chavez" <chfr@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>**Sent:** Monday, May 18, 2015 12:40:30 PM**Subject:** Daphne CTD values - 05/18/2015

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Mon 18 May 2015 12:30:10	34.6037	19.2543	8.915	24.6545

Daphne

-0.22,19.30057,46.45356,34.3766*18
-0.22,19.30102,46.45423,34.3768*12
-0.22,19.30102,46.45380,34.3764*10
-0.21,19.30008,46.45348,34.3769*11
-0.21,19.30148,46.45426,34.3764*16
-0.22,19.29941,46.45463,34.3784*13
-0.21,19.30249,46.45441,34.3757*15
-0.22,19.30167,46.45414,34.3762*1F
-0.21,19.30237,46.45529,34.3765*12
-0.22,19.29993,46.45485,34.3782*12
-0.22,19.30090,46.45448,34.3771*1D
-0.21,19.30023,46.45545,34.3784*10
-0.22,19.30203,46.45471,34.3763*1C
-0.22,19.30148,46.45500,34.3770*15
-0.22,19.30041,46.45559,34.3784*1A
-0.22,19.30038,46.45521,34.3781*1E
-0.22,19.30102,46.45532,34.3777*1D
-0.20,19.30099,46.45491,34.3773*10
-0.23,19.29846,46.45556,34.3800*10
-0.22,19.29962,46.45526,34.3788*1E
-0.23,19.29895,46.45500,34.3791*1A
-0.21,19.29962,46.45471,34.3783*15
-0.22,19.29858,46.45491,34.3794*16
-0.22,19.29764,46.45493,34.3801*17
-0.23,19.29568,46.45567,34.3824*15
-0.22,19.29648,46.45557,34.3816*17
-0.22,19.29648,46.45646,34.3824*15
-0.22,19.29339,46.45632,34.3848*1F
-0.22,19.29590,46.45566,34.3822*14
-0.22,19.29266,46.45631,34.3854*1A
-0.22,19.29367,46.45553,34.3839*16
-0.22,19.29156,46.45591,34.3860*14
-0.21,19.29150,46.45569,34.3858*1D