

Beaufort Gyre Exploration Project: 2010-2011 Mooring data from the BGEP project

Instrument	Mooring A	Mooring B	Mooring D
<u>Mooring Location</u>			
start date	29-Sep-10	4-Oct-10	11-Oct-10
start time	22:10 UTC	2:20 UTC	22:20 UTC
drop latitude	74 59.913'N	77 59.3'N	73 59.87'N
drop longitude	149 59.800' W	149 58.2' W	139 58.98' W
recovery date	29-Jul-11	1-Aug-11	11-Aug-11
recovery time	15:49	19:48	18:19
surveyed latitude	75 0.0551' N	77 59.3126' N	73 59.9446' N
surveyed longitude	149 58.7441' W	149 58.1976' W	139 59.0037' W
depth (m)	3825	3824	3509
duration (days)	302	302	303
<u>BPR</u>	53-008	53-022	53-021
sample interval (min)	15	15	15
integration time (sec)	120	120	120
resolution (mm)	0.3	0.3	0.3
duration (days)	302	302	303
number of samples	29063	28966	29168
variables	P, T	P, T	P, T
download: ASCII file	bg1011_bpr_a.dat	bg1011_bpr_b.dat	bg1011_bpr_d.dat
<u>MMP</u>	134	130	131
profile interval (hr)	6	6	6
burst interval (hr)	54	54	54
min pressure (dbar)	49		49
max pressure (dbar)	2001		2001
profiles processed	270	0	272
variables	P, T, S, U, V		P, T, S, U, V
download: MAT file	bg1011_mmp_a.mat		bg1011_mmp_d.mat
download: Unix Tar compressed	bg1011_mmp_a.tar.Z		bg1011_mmp_d.tar.Z
download: PC Zip	bg1011_mmp_a.zip		bg1011_mmp_d.zip
<u>ULS</u>	51083	51080	51082
ping interval (sec)	2	2	2
pressure interval (min)	10	10	10
duration (days)	302	302	303
number of samples	13074410	12862592	13079670
variables	P, T, ice draft	P, T, ice draft	P, T, ice draft
download: MAT file	uls10a_dailyn.mat	uls10b_dailyn.mat	uls10d_dailyn.mat
download: Unix Tar compressed	uls10a_draft.tar.Z	uls10b_draft.tar.Z	uls10d_draft.tar.Z
download: PC Zip	uls10a_draft.zip	uls10b_draft.zip	uls10d_draft.zip
<u>ADCP</u>	13693	13688	5704
sample interval (min)	60	60	60
bin size (m)	2	2	2
depth bins	30	30	30
std deviation (cm/s)	0.59	0.59	0.59
duration	302	302	303
number of samples	7265	7241	7292
variables	U, V, ice drift	U, V, ice drift	U, V, ice drift
download: MAT file	BGY10_A_Final1.mat	BGY10_B_Final1.mat	BGY10_D_Final1.mat
<u>deep MMP</u>	141		
profile interval (hr)	8		
burst interval (hr)	19		
min pressure (dbar)	2145		
max pressure (dbar)	3081		
profiles processed	764		
variables	P, T, S, U, V		
download: MAT file	bg1011_mmp_a-2.mat		

download: Unix Tar compressed
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