

Beaufort Gyre Exploration Project: 2009-2010 Mooring data from the BGEP project

Instrument	Mooring A	Mooring B	Mooring D
<u>Mooring Location</u>			
start date	30-Sep-09	5-Oct-09	12-Oct-09
start time	21:47 UTC	22:56 UTC	21:49 UTC
drop latitude	75 0.002' N	78 0.081' N	73 59.744' N
drop longitude	150 0.005' W	149 59.949' W	139 59.698' W
recovery date	28-Sep-10	1-Oct-10	9-Oct-10
recovery time	15:58	17:05	22:15
surveyed latitude	75 0.0017' N	78 0.1223' N	73 59.6921' N
surveyed longitude	150 0.110' W	150 0.1459' W	139 59.6990' W
depth (m)	3825	3824	3511
duration (days)	362	360	362
<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)	362	360	362
number of samples	34824	34633	34489
variables	P, T	P, T	P, T
download: ASCII file	bg0910_bpr_a.dat	bg0910_bpr_b.dat	bg0910_bpr_d.dat
<u>MMP</u>	124	126	125
profile interval (hr)	6	6	6
burst interval (hr)	54	54	54
min pressure (dbar)	61	59	55
max pressure (dbar)	2001	2001	2001
profiles processed	324	294	323
variables	P, T, S, U, V	P, T, S, U, V	P, T, S, U, V
download: MAT file	bg0910_mmp_a.mat	bg0910_mmp_b.mat	bg0910_mmp_d.mat
download: Unix Tar compressed	bg0910_mmp_a.tar.Z	bg0910_mmp_b.tar.Z	bg0910_mmp_d.tar.Z
download: PC Zip	bg0910_mmp_a.zip	bg0910_mmp_b.zip	bg0910_mmp_d.zip
<u>ULS</u>	1038	1037	51081
ping interval (sec)	2	2	2
pressure interval (min)	17	17	10
duration (days)	362	0	362
number of samples	15664970	0	15636111
variables	P, T, ice draft		P, T, ice draft
download: MAT file	uls09a_dailyn.mat		uls09d_dailyn.mat
download: Unix Tar compressed	uls09a_draft.tar.Z		uls09d_draft.tar.Z
download: PC Zip	uls09a_draft.zip		uls09d_draft.zip
<u>deep MMP</u>	122	<u>ADCP</u>	5704
profile interval (hr)	8	sample interval (min)	60
burst interval (hr)	19	bin size (m)	2
min pressure (dbar)	2135	depth bins	25
max pressure (dbar)	3081	std deviation (cm/s)	0.47
profiles processed	791	duration	282
variables	P, T, S, U, V	number of ensembles	6768
download: MAT file	bg0910_mmp_a-2.mat	variables	U, V, ice drift
download: Unix Tar compressed	bg0910_mmp_a-2.tar.Z	download: MAT file	BGY09_D_Final1.mat
download: PC Zip	bg0910_mmp_a-2.zip		

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