Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: MARCH 2014 Page 1 1

CTD #: 5 Data Dump # (0231) Observer(s): Sherman, W. ~~Johnson~~ Small

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
01	24	58.33307	-136.11424	402	2014/03/09	15:43	140	125	
02	01	58.41285	-135.99568	403	2014/03/09	16:32	62	50	S. breeze blew in N. off stn. Mod. line 4, cast to 60m.
03	04	58.65052	-136.11452	404	2014/03/09	17:22	288	260	Lots of line 4, cast to 280m.
04	12	59.03351	-137.01869	405	2014/03/09	19:58	288	260	
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NOTE: * Sea conditions precluded occupation of Stns. 07, 13, 16, + 20.

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: APRIL 2014 Page 1/1

CTD #: 5 Data Dump # 0232 Observer(s): Sharman, P. Atkinson

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
✓ 01	24	58.33308	-136.11792	405✓	2014/04/07	15:07	140	125	Lots of line & (E. breeze pushed us W. off sta.). Cast to 160m.
✓ 02	01	58.4260	-135.99422	406✓	2014/04/07	16:16	62	50	Sat. line &. Cast to 55m.
✓ 03	04	58.65115	-136.11386	407✓	2014/04/07	17:20	288	260	Sat. line &. Cast to 270m.
✓ 04	13	58.73151	-136.11346	408✓	2014/04/07	18:15	146	130	Sat. line &. Cast to 135m.
✓ 05	07	58.81009	-136.47197	409✓	2014/04/07	19:05	435	400	
✓ 06	12	59.03391	-137.01862	410✓	2014/04/07	20:33	288	260	"Broken pan slush"
✓ 07	16	58.89539	-136.09262	411✓	2014/04/07	22:38	313	280	
	20	59.___	-136.___		2014/04/__	__:__	179	160	Could not access due to pan ice.
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		__.___	__.___		__/__/__	__:__			

NOTE: Stn. 20 inaccessible due to pan ice.
No SSLs at Gloomy 2:00 PM

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: May 2014 Page 1 / 1

CTD #: 5 Data Dump # 0233 Observer(s): Sharman, N. Schaub, A. Marshall, J. Jones

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
✓ 08	24	58.33175	-136.12163	411 ✓	2014/05/05	15:36	140	125	Mod. line ⅞. Cast to 140m.
✓ ~~04~~ 09	01	58.41200	-135.99535	412 ✓	2014/05/05	16:15	62	50	Blooming!
✓ ~~03~~ 10	04	58.65099	-136.11493	413 ✓	2014/05/05	17:08	288	260	Blooming!
✓ ~~04~~ 11	13	58.73276	-136.11356	414 ✓	2014/05/05	17:38	146	130	Blooming!
✓ ~~03~~ 12	07	58.81104	-136.47447	415 ✓	2014/05/05	18:23	435	400	Blooming!
✓ ~~06~~ 13	12	59.03358	-137.01874	416 ✓	2014/05/05	20:07	288	260	Very turbid @ surf.
✓ ~~07~~ 14	16	58.89614	-136.09282	417 ✓	2014/05/05	22:40	313	280	Blooming! S. breeze blew us N. cast to 310m. off stn. lots of line ⅞.
✓ ~~08~~ 15	20	59.08652	-136.37306	418 ✓	2014/05/05	23:38	179	160	Very turbid @ surf. N. wind blew us S. off stn. lots of line ⅞, cast to 180m
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NOTE: No SSL @ Gloomy 1400 hrs.

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: "June" 2014 Page 1/1

CTD #: 5 Data Dump # 0234 Observer(s): Sharman, P. Atkinson, M. Abetz, R. Thomas, A. Markell, C. Leven

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
✓ 01	24	58.33297	-136.12134	418 ✓	2014/05/30	14:42	140	125	
✓ 02	01	58.41261	-135.99437	419 ✓	2014/05/30	15:41	62	50	
✓ 03	04	58.65137	-136.11501	420 ✓	2014/05/30	16:45	288	260	Slt. line ∡, Cast to 170m.
✓ 04	13	58.73299	-136.11310	421 ✓	2014/05/30	17:15	146	130	Lots of line ∡ (N. breeze blew us S. off stn. - cast to 150m. Blooming [illegible] surf.
✓ 05	07	58.81186	-136.47527	422 ✓	2014/05/30	17:58	435	400	
✓ 06	12	59.03294	-137.01842	423 ✓	2014/05/30	19:22	288	260	Turbid @ surf. Mod. line ∡ (S. wind blew us N. off stn.). Cast to 280m
✓ 07	16	58.89640	-136.09334	424 ✓	2014/05/30	21:27	313	280	Lots of line ∡ (N. wind blew us S. off stn.) - Cast to 310m.
✓ 08	20	59.08620	-136.37111	425 ✓	2014/05/30	22:26	179	160	Very turbid @ surf.
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NOTE: No SSLs @ Gloomy ~ 1:00 PM.

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

* starting 7/17, only L. Sharman, S. Reisdorp + E. Sharman

Vessel: FOG LARK Cruise: July 2014 Page 1 / 3

CTD #: 5 Data Dump # 0235 Observer(s): L. Sharman, S. Reisdorph, B. Johnson, C. Sergeant, M. Bower, K., B. Frost

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
01	20	59.08619	-136.37119	425	2014/07/16	21:01	179	160	Very turbid @ surf.
02	24	58.33403	-136.11832	426	2014/07/17	19:35	140	125	
03	00	58.32598	-135.87328	427	2014/07/17	20:40	53	45	
04	01	58.41265	-135.99593	428	2014/07/17	21:22	62	55	
05	02	58.49229	-136.05283	429	2014/07/17	22:02	93	80	S. breeze blew us N. off stn. Slt. line ∡, cast to 85 m.
06	03	58.57317	-136.06622	430	2014/07/17	22:41	112	100	
07	04	58.65119	-136.11440	431	2014/07/17	23:11	288	260	Slt. line ∡, cast to 265 m.
08	13	58.73222	-136.11427	432	2014/07/17	23:50	146	130	
09	05	58.70409	-136.23380	433	2014/07/18	00:18	366	335	Appears to be blooming @ surf.
10	06	58.75975	-136.34242	434	2014/07/18	00:58	288	260	Blooming @ surf.

NOTE:

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Park Cruise: July 2014 Page 213

CTD #: 5 Data Dump # 0235 Observer(s): L. Sharman, S. Reisdorph, E. Sharman

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
11	07	58.81042	-136.47447	435 ✓	2014/07/18	01:37	435	400	Slt. line ↗, cast to 410m. Blooming @ surf.
12	08	58.86492	-136.59393	436 ✓	2014/07/18	02:21	426	390	
13	10	58.89793	-136.84038	436 ✓	2014/07/18	16:21	361	330	Slt. line ↗, cast to 340m.
14	11	58.97237	-136.91690	437 ✓	2014/07/18	17:05	338	310	
15	12	59.03337	-137.01942	438 ✓	2014/07/18	17:46	288	260	Turbid @ surf.
16	21	59.04758	-137.05704	439 ✓	2014/07/18	18:18	195	175	Very turbid @ surf.
17	09	58.89766	-136.73547	440 ✓	2014/07/18	19:14	377	340	Blooming @ surf.
18	14	58.78965	-136.11023	441 ✓	2014/07/18	20:50	81	70	N. breeze blew us S. off stn. Slt. line ↗.
19	16	58.89720	-136.09262	442 ✓	2014/07/18	21:23	313	280	Slt. line ↗, cast to 290m.
20	17	58.97507	-136.13759	443 ✓	2014/07/18	22:04	155	140	Drifted off bathymetric high - cast to 155m in 205m depth.

NOTE:

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Fork Cruise: July 2014 Page 3 / 3

CTD #: 5 Data Dump # 0235 Observer(s): L. Sharman, S. Reisdorph, E. Sharman

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
21	18	59.04994	-136.18480	444 ✓	2014/07/18	22:36	214	195	Slt. line ∡. Turbid @ surf.
22	19	59.07167	-136.33665	445 ✓	2014/07/18	23:10	225	200	Turbid @ surf. Mod. line ∡ (N. breeze blew us S. off stn.) - cast to 220m.
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NOTE:

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: August 2014 Page 1/1

CTD #: 5 Data Dump # 0236 Observer(s): Sharman, K. Barlow, R. King, B. Johnson, K. Rayfield

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
01	01	58.41296	-135.99657	445 ✓	2014/08/04	14:39	62	50	St. line 4 - Cast to 55m.
02	24	58.33311	-136.11574	446 ✓	2014/08/04	15:38	140	125	Lots of line 4 (E. breeze blew us W. off sta. Cast to 150m.
03	04	58.65029	-136.11429	447 ✓	2014/08/04	16:56	288	260	Lots of line 4 (N. breeze blew us S. off sta. Cast to 300m.
04	04	* Replicate of Cast 03 *					"	"	May have forgotten to turn off, so recast.
05	Delete -	Delete -	Delete -	Delete -	Delete -	Delete			not a station or a cast. Turned on & off inadvertently.
06	07	58.81129	-136.47523	448 ✓	2014/08/04	18:10	435	400	Lots line angle - cast to 470m. * Touched bottom *
07	12	59.03335	-137.01823	449 ✓	2014/08/04	19:29	288	260	Turbid @ surf.
08	13	58.73251	-136.11339	450 ✓	2014/08/04	21:08	146	130	
09	16	58.89607	-136.09369	451 ✓	2014/08/04	21:41	313	280	
10	20	59.08641	-136.37103	452 ✓	20141081 04	22:37	179	160	Very turbid @ surf.

NOTE:

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: SEPTEMBER 2014 Page 1 / 1

CTD #: 5 Data Dump # 0237 Observer(s): SHARMAN, B. Bailey, C. Toth, K. Mocnik

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
✓ 01	24	58.33385	-136.11594	452 ✓	2014/09/02	15:15	140	125	Slt. line ∡. Cast to 130m
✓ 02	01	58.41293	-135.99525	453 ✓	2014/09/02	16:23	62	50	
✓ 03	04	58.65088	-136.11606	454 ✓	2014/09/02	17:32	288	260	Lots of line ∡. Cast to 270m. N. breeze blew us S. off sta.
✓ 04	13	58.73258	-136.11324	455 ✓	2014/09/02	18:07	146	130	Mod. line ∡, cast to 135m.
✓ 05	07	58.81089	-136.47516	456 ✓	2014/09/02	19:04	435	400	Lots of line ∡, cast to 440m. N. breeze blew us S. off sta.
✓ 06	12	59.03368	-137.01787	457 ✓	2014/09/02	20:33	288	260	Turbid @ surf.
✓ 07	16	58.89574	-136.09361	458 ✓	2014/09/02	22:43	313	280	Lots of line ∡ (S. breeze blew us N. off sta.) - cast to 300m.
✓ 08	20	59.08612	-136.37166	459 ✓	2014/09/02	23:43	179	160	Very turbid @ surf.
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NOTE: No SSL @ Gloomy 1400.

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Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: ~~[illegible]~~ Capelin Cruise: OCTOBER 2014 Page 1 / 1

CTD #: 5 Data Dump # 0238 Observer(s): SHARMAN, J. Rodstrom

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
09	24	58.33344	-136.11720	459 ✓	2014/10/07	15:38	140	125	
10	01	58.41254	-135.99518	460 ✓	2014/10/07	16:32	62	55	
11	04	58.65136	-136.11505	461 ✓	2014/10/07	17:43	288	260	Mod. line ∡ - cast to 270 m.
12	07	58.81106	-136.47600	462 ✓	2014/10/07	18:41	435	400	ON/OFF @ surface (hydraulic winch failure)
13	07	58.81374	-136.47697	463 ✓	2014/10/07	19:02	435	400	N. wind blew us S. off stn. - severe line ∡ Cast to 430m.
14	12	59.03326	-137.01855	464 ✓	2014/10/07	20:37	288	260	
15	13	58.73146	-136.11482	466 ✓	2014/10/07	22:40	146	130	Mod. line ∡ - cast to 140m. S. breeze blew us N. off stn.
16	16	58.89592	-136.09357	467 ✓	2014/10/07	23:23	313	280	Ebbing tide pushed us S. off stn. lots of line ∡ - cast to 300m
17	20	59.08603	-136.37102	468 ✓	2014/10/08	00:26	179	160	Very turbid @ surf. Sat. line ∡
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NOTE: 3 sea otters near station #12

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