

NOAA Henry Bigelow

Station / Cast#		Sampling Start (UTC)		Sampling End (UTC)			Bottom Depth		
002		date 8/3/10 time 0207		date 8/3/10 time 0214			Depth 1498		
Niskin #	Salt Water Depth Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TAlk	DOC	Nutrients	Salinity	Comments
1									
2	751	29	9.8					34.88/34.90	repipette issue
3									
4									
5									
6									
7									didn't fire
8									
9									
10									
11	64	28 <sub>R</sub>	21.5					36.56/36.52	repipette issue
12	64	32 <sub>R</sub>	21.8						duplicate from Niskin 11
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials		LB							

@depth  
- 1m

NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 003

date 03/03 time 0347

date 8/03 time 0021

Depth 1463

Niskin #	Salt Water Depth Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1	1402	30	8.1					34.96/	
2	1402	24R	9.1					34.96/	
3									
4									
5									
6								34.90/34.90	
7	799	37	9.5						
8									
9									
10									
11									
12	53	23	23.0					36.49/36.51	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

(depth - 1 m)

no 2, 3, 6, 12

NOAA Henry Bigelow

Station / Cast# 004      Sampling Start (UTC) date 08/04 time 0103      Sampling End (UTC) date 8/04 time 0343      Bottom Depth 1797

Niskin #	salt water depth Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1									
2									
<del>3</del>	<del>1300</del>	<del>38</del>							
4									
5	100	38	7.9					34.94/34.93	
6									
7									
8	500	98	11.3					35.02/35.03	
<del>9</del>	500	36	12.2						
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

NOAA Henry Bigelow

Station / Cast# 006  
 Sampling Start (UTC) date 8/5 time 0035 7:35pm  
 Sampling End (UTC) date 8/5 time 0204 9:04pm  
 Bottom Depth 1287

Niskin #	Depth Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1	1010	87	9.8					34.93/34.93	
<del>2</del>									
<del>3</del>	<del>801</del>	<del>81</del>							
<del>4</del>									
<del>5</del>	<del>601</del>	<del>92</del>	<del>10.4</del>						
<del>6</del>									
7	400	25	14.2					34.35/34.35	
<del>8</del>	<del>101</del>								
<del>9</del>	<del>101</del>								
10	201	92	17.6					36.18/36.18	
<del>11</del>	<del>31</del>								
<del>12</del>									
13	400	83	14.4					34.35	
14	31	82	26.9					36.37	NO DATA @ 31 or 30m, 29m used
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

(depth / -1m)

NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 007

date 8/5 time 0401

date 8/5 time

Depth 1249

Niskin #	Salt Water Depth Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
<del>1</del>	<del>1003</del>								
2									
3	801	34	8.5					34.90/34.90	
4									
<del>5</del>	<del>601</del>	<del>22</del>	<del>10.1</del>					34.92/34.92	
6	* water flow stopped								
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials

## NOAA Henry Bigelow

Station / Cast# 009		Sampling Start (UTC) date 08/06 time 2353		Sampling End (UTC) date 08/07 time 0123			Bottom Depth 1460		
Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TAlk	DOC	Nutrients	Salinity	Comments
1	1460	97	8.0					34.9591	
2									
3	1136	27	8.9					34.9412	
4	<del>1136</del>								
5	900	81	7.7					34.9149	
6									
7	500	33	10.9					35.1039	
8									
9	200	93	17.7					36.3153	pipet error
10									
11	29	96	28.2					36.3496	
12 3	1136	88	9.6					34.9412	
13 3	1136	86	11.0					"	
14 3	1136							"	
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

\* bottle 1 hit bottom

NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 010

date 8/07 time 0314

date 8/07 time 0452

Depth 1475

Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1									
2	1300	91	7.0					34.9540	
3 2	1300	31	7.8					34.9540	
4									
5	1150	26	7.7					34.9421	
6									
7									
8									
9									
10									
11	200	21	17.8					36.3182	
<del>11</del>									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 011

date 08/01 time 0602

date 08/07 time 0742

Depth 1590

Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TAlk	DOC	Nutrients	Salinity	Comments
1	1424	<del>30</del> 25	7.9					34.96	
2									
3									
4									
5	1148	34	7.2					34.94	
6	1148	92	8.0					34.94	
7									
8	800	30	8.7					34.90	
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									



NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 011

date 08/07 time 0602

date 08/07 time 0742

Depth 1590

Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TAlk	DOC	Nutrients	Salinity	Comments
1	1424	<del>30</del> 25	7.9					34.96	
2									
3									
4									
5	1148	34	7.2					34.94	
85	1148	92	8.0					34.94	
7									
8	800	30	8.7					34.90	
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									

NOAA Henry Bigelow

Station / Cast# 016		Sampling Start (UTC) date 8/7 time 2341		Sampling End (UTC) date time		Bottom Depth			
<u>Niskin #</u>	<u>Pressure</u>	<u>Oxygen Flask#</u>	<u>Oxygen Temp'</u>	<u>DIC</u>	<u>TALK</u>	<u>DOC</u>	<u>Nutrients</u>	<u>Salinity</u>	<u>Comments</u>
1									
2									
3								34.9424	
4	1144	32	7.8						
5									
6									
7	699	36	9.3					34.9084	
8 7	699	82	7.4					34.9084	
9									
10									
11									
12	4	87	30.8					34.7648	pipet
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
Sampler Initials									



NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# 018

date 8/8 time 0442

date 8/8 time 0628

Depth 1372

<u>Niskin #</u>	<u>Pressure</u>	<u>Oxygen Flask#</u>	<u>Oxygen Temp'</u>	<u>DIC</u>	<u>TAlk</u>	<u>DOC</u>	<u>Nutrients</u>	<u>Salinity</u>	<u>Comments</u>
1									
2	1100	91	8.7					34.9346	
3									
4									
5	599	92	10.5					35.0122	
65	599	30	10.8					35.0122	
7									
8									
9									
10									
11									
12	3	96	31.2					36.4680	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials

NOAA Henry Bigelow

Station / Cast# 020      Sampling Start (UTC) date 8/8 time 1607      Sampling End (UTC) date 8/8 time 1737      Bottom Depth 1442

Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1									
2	1202	31	7.2					34.9455	
3									
4									
5									
6	699	88	8.8					34.9037	
7	699	24	9.3					34.9037	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials

NOAA Henry Bigelow

Sampling Start (UTC)

Sampling End (UTC)

Bottom

Station / Cast# ~~818021~~

date 8/8 time 1837

date 8/8 time 20

Depth 1477

<u>Niskin #</u>	<u>Depth Pressure</u>	<u>Oxygen Flask#</u>	<u>Oxygen Temp'</u>	<u>DIC</u>	<u>TAlk</u>	<u>DOC</u>	<u>Nutrients</u>	<u>Salinity</u>	<u>Comments</u>
1									
2									
3	1197								
4									
5									
6	801	93	8.5					34.9018	
7b	801	26	9.4					34.9018	
8									
9									
10									
11									
12	3.5	34	31.2					31.6005	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials

NOAA Henry Bigelow

Station / Cast# 023      Sampling Start (UTC) date 8/8 time 2339      Sampling End (UTC) date ~~8/8~~ 8/9 time 0118      Bottom Depth 1594

Niskin #	Pressure	Oxygen Flask#	Oxygen Temp'	DIC	TALK	DOC	Nutrients	Salinity	Comments
1									
2									
3									
4									
5									
6									
7	400	35	13.0				35.3699		
8									
9	200	25	17.9				36.3085		
10	200	81	18.4				36.3085		
11	29	38	28.9				36.3539		
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials

NOAA Henry Bigelow

Station / Cast# 024      Sampling Start (UTC) date 8/9 time 0225      Sampling End (UTC) date 8/9 time 0404      Bottom Depth 1445

<u>Niskin #</u>	<u>Pressure</u>	<u>Oxygen Flask#</u>	<u>Oxygen Temp'</u>	<u>DIC</u>	<u>TALK</u>	<u>DOC</u>	<u>Nutrients</u>	<u>Salinity</u>	<u>Comments</u>
1									
2	1167	98	9.3					34.9408	
3									
4									
5									
6									
7	399	28	13.7					35.3598	
8									
9									
10									
11	3.5	37	31.2					35.2649	
<del>12</del> 11	3.5	23	31.1					35.2649	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Sampler Initials