Appendix Table 1. The 2009 regional average temperature and salinity values for individual cruises that sampled within the western Gulf of Maine (boundaries defined in Figure 1.) Average values incorporating less than 10 observations are shown in gray.

Gulf of Maine West

			Surface						Battam				
Cruise	CD	#abs	Temp	Anomaly	SDV1	SDV2	Flag	#obs	Temp	Anomaly	SDV1	SDV2	Flag
DEL0902	42	29	4.64	-0.58	0.19	0.45	0	20	6.26	0.32	0.20	0.58	0
HB0901	112	66	5.90	0.47	0.14	0.59	0	63	5.37	0.28	0.12	0.56	0
DEL0905	160	15	11.38	0.24	0.25	0.56	0	30	6.21	0.11	0.22	1.55	1
510901	172	11	13.00	1.26	0.34	4.98	1	11	5.56	-0.27	0.34	3.90	1
DEL0907	202	6	16.54	-0.44	0.48	1.37	Ĩ	6	6.18	0.42	0.37	0.37	1
DEL0908	225	23	15.42	-0.49	0.18	3.41	1	23	13.32	-2.47	0.19	7.27	1
DEL0909	240	11	20.17	2.01	0.32	5.09	1	9	5.82	0.15	0.30	3.60	1
DEL0910	276	64	15.04	0.87	0.14	0.95	1	63	7.18	0.28	0.12	2.37	1
HB0905	315	47	10.65	0.45	0.16	0.64	0	45	7.97	0.66	0.14	1.10	0
DEL0911	323	14	10.74	1.09	0.29	6.89	1	10	7.20	0.33	0.30	5.48	1
			Surface						Bottom				
Cruise	CD	#obs	Salinity	Anomaly	SDV1	SD¥2	Flag	#obs	Salinîty	Anomaly	SDV1	SDV2	Flag
ı													
DEL0902	42	29	32.92	-0.10	0.13	0.17	0	20	33.68	0.08	0.12	0.25	0
HB0901	112	66	32.25	-0.2 6	0.09	0.55	0	20 63	33.29	-0.05	0.07	0.23	0
HB0901 DEL0905	112 160	66 15	32.25 31.96	-0.2 6 -0.1 6	0.0 9 0.16	0.55 0.24	0	63 30	33.29 33.31	-0.05 -0.11	0.07 0.13	0.23 0.54	0 1
HB0901	112	66	32.25	-0.2 6	0.09	0.55	0	63	33.29	-0.05	0.07	0.23	0
HB0901 DEL0905	112 160	66 15	32.25 31.96	-0.2 6 -0.1 6	0.0 9 0.16	0.55 0.24	0	63 30	33.29 33.31	-0.05 -0.11	0.07 0.13	0.23 0.54	0 1
HB0901 DEL0905 S10901	112 160 172	66 15 11	32.25 31.96 32.03	-0.26 -0.16 -0.12	0.09 0.16 0.19	0.55 0.24 1.12	0	63 30 11	33.29 33.31 32.56	-0.05 -0.11 -0.24	0.07 0.13 0.17	0.23 0.54 0.48	0 1 1
HB0901 DEL0905 \$10901 DEL0907	112 160 172 202	66 15 11 6	32.25 31.96 32.03 30.21	-0.26 -0.16 -0.12 -1.16	0.09 0.16 0.19 0.31	0.55 0.24 1.12 0.45	0 0 1	63 30 11 6	33.29 33.31 32.56 32.12	-0.05 -0.11 -0.24 -0.37	0.07 0.13 0.17 0.27	0.23 0.54 0.48 0.05	0 1 1
HB0901 DEL0905 \$10901 DEL0907 DEL0908	112 160 172 202 225	66 15 11 6 23	32.25 31.96 32.03 30.21 32.42	-0.26 -0.16 -0.12 -1.16 -0.09	0.09 0.16 0.19 0.31 0.12	0.55 0.24 1.12 0.45 0.52	0 0 1 1 1	63 30 11 6 23	33.29 33.31 32.56 32.12 32.50	-0.05 -0.11 -0.24 -0.37 -0.03	0.07 0.13 0.17 0.27 0.11	0.23 0.54 0.48 0.05 0.40	0 1 1 1
HB0901 DEL0905 \$10901 DEL0907 DEL0908 DEL0909	112 160 172 202 225 240	66 15 11 6 23	32.25 31.96 32.03 30.21 32.42 31.47	-0.26 -0.16 -0.12 -1.16 -0.09 -0.55	0.09 0.16 0.19 0.31 0.12 0.20	0.55 0.24 1.12 0.45 0.52 1.09	0 0 1 1 1 1	63 30 11 6 23 9	33.29 33.31 32.56 32.12 32.50 33.54	-0.05 -0.11 -0.24 -0.37 -0.03 -0.13	0.07 0.13 0.17 0.27 0.11 0.18	0.23 0.54 0.48 0.05 0.40	0 1 1 1 1
HB0901 DEL0905 \$10901 DEL0907 DEL0908 DEL0909 DEL0910	112 160 172 202 225 240 276	66 15 11 6 23 11	32.25 31.96 32.03 30.21 32.42 31.47 31.96	-0.26 -0.16 -0.12 -1.16 -0.09 -0.55 -0.22	0.09 0.16 0.19 0.31 0.12 0.20 0.09	0.55 0.24 1.12 0.45 0.52 1.09 0.25	0 0 1 1 1 1 1 1	63 30 11 6 23 9 63	33.29 33.31 32.56 32.12 32.50 33.54 33.44	-0.05 -0.11 -0.24 -0.37 -0.03 -0.13 -0.03	0.07 0.13 0.17 0.27 0.11 0.18 0.07	0.23 0.54 0.48 0.05 0.40 1.02 0.37	0 1 1 1 1 1
HB0901 DEL0905 \$10901 DEL0907 DEL0908 DEL0909 DEL0910 HB0905	112 160 172 202 225 240 276 315	66 15 11 6 23 11 64	32.25 31.96 32.03 30.21 32.42 31.47 31.96 32.54	-0.26 -0.16 -0.12 -1.16 -0.09 -0.55 -0.22 -0.19	0.09 0.16 0.19 0.31 0.12 0.20 0.09 0.10	0.55 0.24 1.12 0.45 0.52 1.09 0.25 0.33	0 0 1 1 1 1 1 0	63 30 11 6 23 9 63 45	33.29 33.31 32.56 32.12 32.50 33.54 33.44 33.41	-0.05 -0.11 -0.24 -0.37 -0.03 -0.13 -0.03 -0.18	0.07 0.13 0.17 0.27 0.11 0.18 0.07 0.08	0.23 0.54 0.48 0.05 0.40 1.02 0.37 0.23	0 1 1 1 1 1 0

[&]quot;Cruise", the code name for a cruise:

Anomaly, the areal average temperature or salinity anomaly:

CD, the calendar mid-date of all the stations within a region for that cruise:

[&]quot;#obs", the number of observations included in each average:

[&]quot;Temp", the areal average temperature: "Salt", the areal average salinity:

[&]quot;SDV1", the standard deviation associated with the average temperature or salinity anomaly:

[&]quot;SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived:

Flag, a value of "1" indicates that a true areal average could not be calculated due to poor station coverage.

The areal averages listed were derived from a simple average of the observations within the region.

Appendix Table 2. The 2009 regional average temperature and salinity values for individual cruises that sampled within the eastern Gulf of Maine (boundaries defined in Figure 1.) Average values incorporating less than 10 observations are shown in gray.

Gulf of Maine East

I			Surface						Bottom				
Cruise	CD	#obs	Temp	Anomaly	SDV1	SDV2	Flag	#obs	Temp	Anomaly	SDV1	SDV2	Flag
DELO902	41	19	4.67	-0.82	0.22	1.05	1	11	6.86	-0.02	0.29	1.34	1
HB0901	118	36	5.54	0.00	0.17	0.72	0	33	6.34	-0.53	0.18	0.72	0
DEL0905	159	20	9.72	0.84	0.24	0.98	0	14	7.11	0.16	0.27	0.70	0
510901	173	8	9.96	-0.16	0.35	7.55	1	8	7.38	-2.50	0.34	6.00	1
DELO908	221	64	16.71	2.42	0.12	2.88	1	63	9.19	-3.53	0.11	5.19	1
DELO909	239	6	16.38	1.37	0.44	15.26	1	4	7.51	0.40	0.50	-9.99	1
DEL0910	262	42	15.97	0.34	0.16	1.45	1	41	9.36	0.31	0.15	3.19	1
HB0905	312	35	11.05	0.01	0.16	1.11	1	33	8.69	0.19	0.17	2.08	1
DEL0911	322	9	12.22	1.91	0.34	10.14	1	6	8.03	-0.09	0.39	8.26	1
I													
			Surface						Bottom				
Cruise	CD	#obs	Salinity	Anomaly	SDV1	SDV2	Flag	#obs	Salinity	Anomaly	SDV1	SDV2	Flag
DEL0902	41	19	32.8 9	-0.16	0.15	0.43	1	11	34.05	-0.11	0.16	0.58	1
HB0901	118	36	32.26	-0.18	0.11	0.27	0	33	33.93	-0.17	0.09	0.31	0
DEL0905	159	20	32.16	-0.11	0.18	0.42	0	14	34.05	0.11	0.16	0.22	0
S10901	173	8	32.63	-0.11	0.20	1.68	1	8	32.73	-0.05	0.20	0.74	1
DELO908	221		22.00	0.51	0.07	0.41	1	63	32.59	-0.05	0.07	0.29	1
I BELOGGO I	221	64	32.00	-0.51	0.07	U.41	_	03	32.33	-0.03	0.07	u.23	_
DEL0909	239	64 6	32.35	0.01	0.28	3.26	1	4	33.87	0.07	0.24	-9.99	1
DEL0909													
	239	6	32.35	0.01	0.28	3.26	1	4	33.87	0.07	0.24	-9.99	1
DEL0910	239 262	6 42	32.35 32.21	0.01 -0.19	0.28 0.10	3.26 0.34	1	4 41	33.87 34.30	0.07 0.01	0.24 0.08	-9.99 0.52	1 1

[&]quot;Cruise", the code name for a cruise:

Anomaly, the areal average temperature or salinity anomaly:

CD, the calendar mid-date of all the stations within a region for that cruise:

[&]quot;#obs", the number of observations included in each average:

[&]quot;Temp", the areal average temperature: "Salt", the areal average salinity:

[&]quot;SDV1", the standard deviation associated with the average temperature or salinity anomaly:

[&]quot;SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived:

Flag, a value of "1" indicates that a true areal average could not be calculated due to poor station coverage.

The areal averages listed were derived from a simple average of the observations within the region.

Appendix Table 3. The 2009 regional average temperature and salinity values for individual cruises that sampled within the Georges Bank area (boundaries defined in Figure 1.) Average values incorporating less than 10 observations are shown in gray.

Georges Bank

			Surface						Bottom				
Cruise	CD	#obs	Temp	Anomaly	SDV1	SDV2	Flag	#obs	Temp	Anomaly	SDV1	SDV2	Flag
DEL0902	37	38	4.89	-0.61	0.18	0.95	0	28	5.58	-0.25	0.20	1.18	0
HB0901	103	60	5.71	0.29	0.14	1.23	0	46	5.63	0.33	0.18	1.15	0
DEL0905	156	33	10.55	0.63	0.20	1.20	0	24	8.32	0.12	0.25	88.0	0
510901	173	30	12.30	1.09	0.21	2.12	0	29	8.19	-0.17	0.23	1.76	0
DEL0908	221	178	15.47	0.69	0.07	1.20	1	177	12.84	-1.28	0.07	2.44	1
HB0903	224	4	21.82	1.80	0.83	1.49	1	0					
DEL0909	237	45	17.32	1.13	0.16	1.80	0	38	12.10	-0.20	0.18	1.32	0
DEL0910	268	32	15.21	0.02	0.17	0.72	1	32	13.30	-0.34	0.17	2.80	1
HB0905	299	60	13.58	-0.27	0.14	1.86	۵	48	12.26	0.03	0.17	1.37	0
DEL0911	317	39	13.84	1.64	0.17	3.18	0	33	13.68	2.07	0.20	2.37	0
			Surface						Bottom				
Cruise	CD	#obs		Anomaly	SDV1	SDV2	Flag	#obs	Bottom Salinity	Anomaly	SDV1	SDV2	Flag
			Salinity						Salinity	•			
DEL0902	37	38	Salinity 32.65	-0.30	0.10	0.51	0	28	Salinity 32.98	-0.11	0.12	0.46	0
DEL0902 HB0901	37 103	38 60	Salinity 32.65 32.83	-0.30 -0.16	0.10 0.08	0.51 0.46		28 46	32.98 33.01	-0.11 -0.14	0.12 0.11	0.46 0.34	0
DEL0902 HB0901 DEL0905	37 103 156	38 60 33	32.65 32.83 32.55	-0.30 -0.16 -0.30	0.10 0.08 0.11	0.51 0.46 0.55	0	28 46 24	32.98 33.01 32.95	-0.11 -0.14 -0.11	0.12 0.11 0.15	0.46 0.34 0.31	0
DEL0902 HB0901 DEL0905 \$10901	37 103 156 173	38 60 33 30	32.65 32.83 32.55 32.69	-0.30 -0.16 -0.30 -0.01	0.10 0.08 0.11 0.12	0.51 0.46 0.55 0.49	0 0 0	28 46 24 29	32.98 33.01 32.95 32.82	-0.11 -0.14 -0.11 -0.21	0.12 0.11 0.15 0.14	0.46 0.34 0.31 0.22	0 0 0
DEL0902 HB0901 DEL0905 \$10901 DEL0908	37 103 156 173 221	38 60 33 30 178	32.65 32.83 32.55 32.69 32.23	-0.30 -0.16 -0.30 -0.01 -0.29	0.10 0.08 0.11 0.12 0.04	0.51 0.46 0.55 0.49 0.18	0 0 0 0	28 46 24 29 177	32.98 33.01 32.95	-0.11 -0.14 -0.11	0.12 0.11 0.15	0.46 0.34 0.31	0
DEL0902 HB0901 DEL0905 \$10901 DEL0908 HB0903	37 103 156 173 221 224	38 60 33 30 178 4	32.65 32.83 32.55 32.69 32.23 33.17	-0.30 -0.16 -0.30 -0.01 -0.29 -0.55	0.10 0.08 0.11 0.12 0.04 0.53	0.51 0.46 0.55 0.49 0.18 0.91	0 0 0 0 1	28 46 24 29 177 0	32.98 33.01 32.95 32.82 32.42	-0.11 -0.14 -0.11 -0.21 -0.16	0.12 0.11 0.15 0.14 0.04	0.46 0.34 0.31 0.22 0.14	0 0 0 0
DEL0902 HB0901 DEL0905 \$10901 DEL0908 HB0903 DEL0909	37 103 156 173 221 224 237	38 60 33 30 178 4 45	32.65 32.83 32.55 32.69 32.23 33.17 32.35	-0.30 -0.16 -0.30 -0.01 -0.29 -0.55 -0.33	0.10 0.08 0.11 0.12 0.04 0.53 0.10	0.51 0.46 0.55 0.49 0.18 0.91	0 0 0 0 1 1	28 46 24 29 177 0 38	32.98 33.01 32.95 32.82 32.42 32.70	-0.11 -0.14 -0.11 -0.21 -0.16	0.12 0.11 0.15 0.14 0.04	0.46 0.34 0.31 0.22 0.14	0 0 0 0 1
DEL0902 HB0901 DEL0905 \$10901 DEL0908 HB0903 DEL0909 DEL0910	37 103 156 173 221 224 237 268	38 60 33 30 178 4 45 32	32.65 32.83 32.55 32.69 32.23 33.17 32.35 32.29	-0.30 -0.16 -0.30 -0.01 -0.29 -0.55 -0.33 -0.22	0.10 0.08 0.11 0.12 0.04 0.53 0.10	0.51 0.46 0.55 0.49 0.18 0.91 0.38 0.19	0 0 0 0 1 1 0	28 46 24 29 177 0 38 32	32.98 33.01 32.95 32.82 32.42 32.70 32.49	-0.11 -0.14 -0.11 -0.21 -0.16 -0.23 -0.08	0.12 0.11 0.15 0.14 0.04 0.11	0.46 0.34 0.31 0.22 0.14 0.37	0 0 0 0 1
DEL0902 HB0901 DEL0905 \$10901 DEL0908 HB0903 DEL0909 DEL0910 HB0905	37 103 156 173 221 224 237 268 299	38 60 33 30 178 4 45 32 60	32.65 32.83 32.55 32.69 32.23 33.17 32.35 32.29 32.80	-0.30 -0.16 -0.30 -0.01 -0.29 -0.55 -0.33 -0.22 0.03	0.10 0.08 0.11 0.12 0.04 0.53 0.10 0.10	0.51 0.46 0.55 0.49 0.18 0.91 0.38 0.19	0 0 0 0 1 1 0	28 46 24 29 177 0 38 32 48	32.98 33.01 32.95 32.82 32.42 32.70 32.49 32.92	-0.11 -0.14 -0.11 -0.21 -0.16 -0.23 -0.08 -0.08	0.12 0.11 0.15 0.14 0.04 0.11 0.10	0.46 0.34 0.31 0.22 0.14 0.37 0.30 0.33	0 0 0 1
DEL0902 HB0901 DEL0905 \$10901 DEL0908 HB0903 DEL0909 DEL0910	37 103 156 173 221 224 237 268	38 60 33 30 178 4 45 32	32.65 32.83 32.55 32.69 32.23 33.17 32.35 32.29	-0.30 -0.16 -0.30 -0.01 -0.29 -0.55 -0.33 -0.22	0.10 0.08 0.11 0.12 0.04 0.53 0.10	0.51 0.46 0.55 0.49 0.18 0.91 0.38 0.19	0 0 0 0 1 1 0	28 46 24 29 177 0 38 32	32.98 33.01 32.95 32.82 32.42 32.70 32.49	-0.11 -0.14 -0.11 -0.21 -0.16 -0.23 -0.08	0.12 0.11 0.15 0.14 0.04 0.11	0.46 0.34 0.31 0.22 0.14 0.37	0 0 0 0 1

[&]quot;Cruise", the code name for a cruise:

CD, the calendar mid-date of all the stations within a region for that cruise:

[&]quot;#obs", the number of observations included in each average:

[&]quot;Temp", the areal average temperature: "Salt", the areal average salinity:

Anomaly, the areal average temperature or salinity anomaly:

[&]quot;SDV1", the standard deviation associated with the average temperature or salinity anomaly:

[&]quot;SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived:

Flag, a value of "1" indicates that a true areal average could not be calculated due to poor station coverage.

The areal averages listed were derived from a simple average of the observations within the region.

Appendix Table 4. The 2009 regional average temperature and salinity values for individual cruises that sampled within the northern Middle-Atlantic Bight (boundaries defined in Figure 1.) Average values incorporating less than 10 observations are shown in gray.

Northern Mid Atlantic Bight

ı			Surface						Bottom				
Cruise	CD	#obs	Temp	Anomaly	SDV1	SDV2	Flag	#obs	Temp	Anomaly	SDV1	SDV2	Flag
DEL0902	31	28	5.83	-0.60	0.24	1.00	0	21	7.19	0.30	0.29	1.69	0
HB0901	85	56	5.31	0.67	0.17	1.18	a	49	5.15	-0.50	0.22	1.61	0
S10901	148	15	11.84	0.42	0.32	2.18	1	15	6.02	-0.67	0.31	2.82	1
DEL0905	150	31	12. 29	0.32	0.23	1.26	a	29	7.36	-0.23	0.25	1.63	0
HB0903	228	2	23.90	0.86	1.14	-9 .99	1	0					
DEL0909	233	24	23.16	3.00	0.27	2.29	a	22	11.17	1.13	0.31	1.51	0
HB0904	237	1	24.75	2.60	1.46	-9.99	1	0					
HB0905	276	59	18.23	0.66	0.17	1.05	0	42	13.96	1.23	0.22	2.06	0
DEL0910	286	9	15.41	-0.90	0.43	0.61	1	9	14.16	-0.06	0.43	1.19	1
DEL0911	310	31	13.49	-0.50	0.23	0.74	a	27	13.84	0.79	0.28	1.12	O
			Surface						Bottom				
Cruise	CD	#obs		Anomaly	SDV1	SDV2	Flag	#obs	Bottom Salinity	Anomaly	SDV1	SDV2	Flag
			Salinity	•					Salinity	•			
DEL0902	31	27	Salinity 32.81	-0.34	0.16	0.33	0	21	Salinity 33.31	-0.27	0.17	0.61	0
DEL0902 HB0901	31 85	27 56	32.81 32.69	-0.34 -0.23	0.16 0.11	0.33 0.42	0	21 49	33.31 32.79	-0.27 -0.70	0.17 0.12	0.61 0.51	0 0
DEL0902 HB0901 \$10901	31 85 148	27 56 15	32.81 32.69 31.70	-0.34 -0.23 -0.37	0.16 0.11 0.21	0.33 0.42 0.66	0 0 1	21 49 15	33.31 32.79 32.66	-0.27 -0.70 -0.27	0.17 0.12 0.19	0.61 0.51 1.06	0 0 1
DEL0902 HB0901 S10901 DEL0905	31 85 148 150	27 56 15 31	32.81 32.69 31.70 32.21	-0.34 -0.23 -0.37 -0.19	0.16 0.11 0.21 0.15	0.33 0.42 0.66 0.42	0 0 1 0	21 49 15 29	33.31 32.79	-0.27 -0.70	0.17 0.12	0.61 0.51	0 0
DEL0902 H80901 \$10901 DEL0905 H80903	31 85 148 150 228	27 56 15 31 2	32.81 32.69 31.70 32.21 33.47	-0.34 -0.23 -0.37 -0.19 -0.31	0.16 0.11 0.21 0.15 0.75	0.33 0.42 0.66 0.42 -9.99	0 0 1 0	21 49 15 29 0	33.31 32.79 32.66 32.83	-0.27 -0.70 -0.27 -0.34	0.17 0.12 0.19 0.15	0.61 0.51 1.06 0.40	0 0 1 0
DEL0902 H80901 S10901 DEL0905 H80903 DEL0909	31 85 148 150 228 233	27 56 15 31 2	32.81 32.69 31.70 32.21 33.47 32.18	-0.34 -0.23 -0.37 -0.19 -0.31 -0.24	0.16 0.11 0.21 0.15 0.75 0.17	0.33 0.42 0.66 0.42 -9.99 0.76	0 0 1 0	21 49 15 29 0	33.31 32.79 32.66	-0.27 -0.70 -0.27	0.17 0.12 0.19	0.61 0.51 1.06	0 0 1
DEL0902 HB0901 S10901 DEL0905 HB0903 DEL0909 HB0904	31 85 148 150 228 233 237	27 56 15 31 2 24	32.81 32.69 31.70 32.21 33.47 32.18 33.25	-0.34 -0.23 -0.37 -0.19 -0.31 -0.24 0.18	0.16 0.11 0.21 0.15 0.75 0.17	0.33 0.42 0.66 0.42 -9.99 0.76	0 0 1 0 1 0	21 49 15 29 0 22	33.31 32.79 32.66 32.83 33.24	-0.27 -0.70 -0.27 -0.34	0.17 0.12 0.19 0.15	0.61 0.51 1.06 0.40	0 0 1 0
DEL0902 H80901 S10901 DEL0905 H80903 DEL0909 H80904 H80905	31 85 148 150 228 233 237 276	27 56 15 31 2 24 1	32.81 32.69 31.70 32.21 33.47 32.18 33.25 32.93	-0.34 -0.23 -0.37 -0.19 -0.31 -0.24 0.18 0.19	0.16 0.11 0.21 0.15 0.75 0.17 0.97	0.33 0.42 0.66 0.42 -9.99 0.76 -9.99	0 0 1 0 1 0	21 49 15 29 0 22 0 42	33.31 32.79 32.66 32.83 33.24 33.57	-0.27 -0.70 -0.27 -0.34 0.01	0.17 0.12 0.19 0.15 0.18	0.61 0.51 1.06 0.40 0.52	0 0 1 0
DEL0902 HB0901 S10901 DEL0905 HB0903 DEL0909 HB0904 HB0905 DEL0910	31 85 148 150 228 233 237 276 286	27 56 15 31 2 24 1 59 9	32.81 32.69 31.70 32.21 33.47 32.18 33.25 32.93 32.06	-0.34 -0.23 -0.37 -0.19 -0.31 -0.24 0.18 0.19 -0.58	0.16 0.11 0.21 0.15 0.75 0.17 0.97 0.11 0.25	0.33 0.42 0.66 0.42 -9.99 0.76 -9.99 0.64	0 0 1 0 1 0	21 49 15 29 0 22 0 42	33.31 32.79 32.66 32.83 33.24 33.57 32.43	-0.27 -0.70 -0.27 -0.34 0.01 0.08 -0.45	0.17 0.12 0.19 0.15 0.18 0.13 0.25	0.61 0.51 1.06 0.40 0.52 0.58 0.42	0 0 1 0 0
DEL0902 H80901 S10901 DEL0905 H80903 DEL0909 H80904 H80905	31 85 148 150 228 233 237 276	27 56 15 31 2 24 1	32.81 32.69 31.70 32.21 33.47 32.18 33.25 32.93	-0.34 -0.23 -0.37 -0.19 -0.31 -0.24 0.18 0.19	0.16 0.11 0.21 0.15 0.75 0.17 0.97	0.33 0.42 0.66 0.42 -9.99 0.76 -9.99	0 0 1 0 1 0	21 49 15 29 0 22 0 42	33.31 32.79 32.66 32.83 33.24 33.57	-0.27 -0.70 -0.27 -0.34 0.01	0.17 0.12 0.19 0.15 0.18	0.61 0.51 1.06 0.40 0.52	0 0 1 0

[&]quot;Cruise", the code name for a cruise:

Anomaly, the areal average temperature or salinity anomaly:

CD, the calendar mid-date of all the stations within a region for that cruise:

[&]quot;#obs", the number of observations included in each average:

[&]quot;Temp", the areal average temperature: "Salt", the areal average salinity:

[&]quot;SDV1", the standard deviation associated with the average temperature or salinity anomaly:

[&]quot;SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived:

Flag, a value of "1" indicates that a true areal average could not be calculated due to poor station coverage.

The areal averages listed were derived from a simple average of the observations within the region.

Appendix Table 5. The 2009 regional average temperature and salinity values for individual cruises that sampled within the southern Middle-Atlantic Bight, whose boundaries are defined in Figure 1. Average values incorporating less than 10 observations are shown in gray.

Southern Mid Atlantic Bight

			Surface						Bottom				
Cruise	CD	#obs	Temp	Anomaly	SDV1	SDV2	Flag	#obs	Temp	Anomaly	SDV1	SDV2	Flag
	Ì												
DEL0901	18	22	10.30	0.71	0.30	1.27	1	15	10.37	1.26	0.37	1.79	1
DEL0902	32	39	7.20	0.19	0.22	1.78	0	35	7.54	0.52	0.26	1.21	٥
HB0901	72	89	6.90	1.09	0.14	1.37	0	76	6.71	1.05	0.17	1.73	٥
\$10901	139	59	12.74	-0.29	0.17	1.02	1	58	7.94	0.19	0.18	1.37	1
DEL0905	151	46	16.28	0.39	0.20	1.17	0	42	10.25	0.49	0.21	1.45	1
HB0903	219	6	25.11	1.43	0.63	0.76	1	2	8.64	1.99	0.99	1.32	1
DEL0909	232	43	25.84	2.03	0.19	1.26	0	40	11.15	-1.54	0.21	3.06	1
HB0904	239	29	24.89	2.43	0.29	0.73	1	1	9.78	2.12	1.30	-9.99	1
HB0905	264	92	21.35	-0.14	0.14	1.09	0	70	17.20	3.02	0.18	2.75	0
DEL0911	311	46	15.17	-0.26	0.19	0.77	0	40	15.40	0.84	0.23	1.23	0
ı													
			Surface						Bottom				
Cruise	CD	#obs		Anomaly	SDV1	SDV2	Flag	#obs	Bottom Salinity	Anomaly	SDV1	SDV2	Flag
Cruise	CD	#obs		Anomaly	SDV1	SDV2	Flag	#obs		Anomaly	SDV1	SDV2	Flag
Cruise	CD-	# ob s		Anomaly 0.04	SDV1 0.22	SDV2 0.44	Flag	#obs		Anomaly	SDV1 0.22	SDV2 0.46	1
			Salinity						Salinity	-			
DEL0901 DEL0902 HB0901	18 32 72	21 39 89	34.25 33.07 32.95	0.04 -0.43 -0.22	0.22 0.17 0.11	0.44 1.29 0.74	1	14 35 76	34.29 33.58 33.51	0.29 0.02 0.05	0.22 0.16 0.10	0.46 0.45 0.61	1 0 0
DEL0901 DEL0902	18 32	21 39	34.25 33.07	0.04	0.22 0.17	0.44 1.29	1 0	14 35	34.29 33.58	0.2 9 0.02	0.22 0.16	0.4 6 0.45	1 0 0
DEL0901 DEL0902 HB0901	18 32 72	21 39 89	34.25 33.07 32.95	0.04 -0.43 -0.22	0.22 0.17 0.11	0.44 1.29 0.74	1 0 0	14 35 76	34.29 33.58 33.51	0.29 0.02 0.05	0.22 0.16 0.10	0.46 0.45 0.61	1 0 0 1 1
DEL0901 DEL0902 HB0901 S10901	18 32 72 139	21 39 89 59 46 6	34.25 33.07 32.95 32.55	0.04 -0.43 -0.22 -0.07	0.22 0.17 0.11 0.12	0.44 1.29 0.74 0.30	1 0 0	14 35 76 58	34.29 33.58 33.51 33.51	0.29 0.02 0.05 -0.04	0.22 0.16 0.10 0.11	0.46 0.45 0.61 0.52	1 0 0 1 1
DEL0901 DEL0902 HB0901 \$10901 DEL0905 HB0903 DEL0909	18 32 72 139 151 219 232	21 39 89 59 46	34.25 33.07 32.95 32.55 32.01	0.04 -0.43 -0.22 -0.07 -0.11	0.22 0.17 0.11 0.12 0.16	0.44 1.29 0.74 0.30 0.69 0.18 0.70	1 0 0 1	14 35 76 58 42	34.29 33.58 33.51 33.51 32.60 33.55 32.79	0.29 0.02 0.05 -0.04 -0.42 0.50	0.22 0.16 0.10 0.11 0.13	0.46 0.45 0.61 0.52 0.43	1 0 0 1 1 1
DEL0901 DEL0902 HB0901 \$10901 DEL0905 HB0903 DEL0909 HB0904	18 32 72 139 151 219 232 239	21 39 89 59 46 6 43 29	34.25 33.07 32.95 32.55 32.01 31.98 30.88 32.32	0.04 -0.43 -0.22 -0.07 -0.11 -1.54 -1.04 -1.26	0.22 0.17 0.11 0.12 0.16 0.43 0.15 0.19	0.44 1.29 0.74 0.30 0.69 0.18 0.70	1 0 0 1 0	14 35 76 58 42 2 39	34.29 33.58 33.51 33.51 32.60 33.55 32.79 33.12	0.29 0.02 0.05 -0.04 -0.42 0.50 -0.24	0.22 0.16 0.10 0.11 0.13 0.57 0.13	0.46 0.45 0.61 0.52 0.43 0.80 0.45 -9.99	1 0 0 1 1 1
DEL0901 DEL0902 HB0901 \$10901 DEL0905 HB0903 DEL0909 HB0904 HB0905	18 32 72 139 151 219 232 239 264	21 39 89 59 46 6 43 29	34.25 33.07 32.95 32.55 32.01 31.98 30.88 32.32 32.41	0.04 -0.43 -0.22 -0.07 -0.11 -1.54 -1.04 -1.26 0.11	0.22 0.17 0.11 0.12 0.16 0.43 0.15 0.19	0.44 1.29 0.74 0.30 0.69 0.18 0.70 0.73 1.27	1 0 0 1 0	14 35 76 58 42 2 39 1	34.29 33.58 33.51 33.51 32.60 33.55 32.79 33.12 32.86	0.29 0.02 0.05 -0.04 -0.42 0.50 -0.24 -0.35	0.22 0.16 0.10 0.11 0.13 0.57 0.13 0.76	0.46 0.45 0.61 0.52 0.43 0.80 0.45 -9.99	1 0 0 1 1 1 1
DEL0901 DEL0902 HB0901 \$10901 DEL0905 HB0903 DEL0909 HB0904	18 32 72 139 151 219 232 239	21 39 89 59 46 6 43 29	34.25 33.07 32.95 32.55 32.01 31.98 30.88 32.32	0.04 -0.43 -0.22 -0.07 -0.11 -1.54 -1.04 -1.26	0.22 0.17 0.11 0.12 0.16 0.43 0.15 0.19	0.44 1.29 0.74 0.30 0.69 0.18 0.70	1 0 0 1 0 1	14 35 76 58 42 2 39	34.29 33.58 33.51 33.51 32.60 33.55 32.79 33.12	0.29 0.02 0.05 -0.04 -0.42 0.50 -0.24	0.22 0.16 0.10 0.11 0.13 0.57 0.13	0.46 0.45 0.61 0.52 0.43 0.80 0.45 -9.99	1 0 0 1 1 1

[&]quot;Cruise", the code name for a cruise:

CD, the calendar mid-date of all the stations within a region for that cruise:

[&]quot;#obs", the number of observations included in each average:

[&]quot;Temp", the areal average temperature: "Salt", the areal average salinity:

Anomaly, the areal average temperature or salinity anomaly:

[&]quot;SDV1", the standard deviation associated with the average temperature or salinity anomaly:

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Flag, a value of "1" indicates that a true areal average could not be calculated due to poor station coverage.

The areal averages listed were derived from a simple average of the observations within the region.