

Table 3. The 2009 regional average surface and bottom salinity values computed from CTD data that were sorted into six 2-month time periods for the five regions of the Northeast U.S. continental shelf shown in Figure 1.

Region	CD	SURFACE						BOTTOM					
		#obs	Salt	Anomaly	SDV1	SDV2	Flag	#obs	Salt	Anomaly	SDV1	SDV2	Flag
January-February													
GOMW	42	29	32.92	-0.10	0.13	0.17	0	20	33.68	0.08	0.12	0.25	0
GOME	41	19	32.89	-0.16	0.15	0.43	1	11	34.05	-0.11	0.16	0.58	1
GB	37	38	32.65	-0.30	0.10	0.51	0	28	32.98	-0.11	0.12	0.46	0
MABN	32	32	32.79	-0.34	0.15	0.38	0	26	33.25	-0.32	0.16	0.62	0
MABS	28	55	33.24	-0.34	0.13	1.17	0	48	33.68	0.09	0.13	0.45	0
March-April													
GOMW	102	43	32.53	-0.14	0.11	0.76	1	40	33.20	-0.09	0.09	0.51	1
GOME	115	26	32.42	-0.14	0.13	1.03	1	23	34.25	-0.09	0.10	0.72	1
GB	102	56	32.84	-0.16	0.09	0.47	0	42	33.02	-0.14	0.11	0.35	0
MABN	85	50	32.69	-0.23	0.12	0.45	0	43	32.79	-0.70	0.13	0.52	0
MABS	72	89	32.95	-0.22	0.11	0.74	0	76	33.51	0.05	0.10	0.61	0
May-June													
GOMW	146	51	31.87	-0.29	0.11	0.38	0	49	33.21	-0.06	0.09	0.21	0
GOME	149	38	32.16	-0.17	0.12	0.33	0	32	33.84	-0.04	0.11	0.33	0
GB	162	65	32.66	-0.16	0.08	0.51	0	55	32.92	-0.12	0.10	0.25	0
MABN	149	47	32.17	-0.22	0.13	0.37	0	45	32.82	-0.33	0.12	0.31	0
MABS	145	105	32.09	-0.13	0.11	0.53	0	99	33.08	-0.23	0.10	0.68	0
July-August													
GOMW													
GOME													
GB	233	227	32.43	-0.34	0.08	0.28	0	215	32.69	-0.24	0.10	0.23	0
MABN	232	26	32.21	-0.36	0.15	0.80	0	22	33.24	0.01	0.18	0.51	0
MABS	232	62	30.99	-1.06	0.13	0.71	0	41	32.86	-0.25	0.13	0.48	0
September-October													
GOMW	277	67	31.97	-0.23	0.09	0.84	1	66	33.42	-0.03	0.07	0.50	1
GOME	262	42	32.21	-0.19	0.10	1.08	1	41	34.30	0.01	0.08	0.69	1
GB	291	80	32.78	0.05	0.08	0.60	0	71	32.91	-0.05	0.10	0.32	0
MABN	277	68	32.92	0.18	0.11	0.65	0	51	33.54	0.07	0.12	0.57	0
MABS	264	92	32.41	0.11	0.11	1.27	0	70	32.86	-0.41	0.11	1.06	0
November-December													
GOMW	317	58	32.57	-0.16	0.10	0.35	0	52	33.44	-0.18	0.08	0.37	0
GOME	314	44	32.41	-0.30	0.10	0.64	1	39	34.30	-0.16	0.08	0.65	1
GB	315	51	33.16	0.42	0.09	0.93	0	42	33.75	0.74	0.11	1.02	0
MABN	310	31	32.72	-0.20	0.16	0.82	0	27	33.57	0.05	0.16	0.62	0
MABS	311	46	32.82	-0.10	0.15	1.02	0	40	33.21	-0.17	0.14	0.74	0

"Region", the geographic region of the northeast continental shelf; "CD", the calendar mid-date of all the stations within a region for a time period; "#obs", the number of observations included in each average; "Salt", the areal average salinity; "Anomaly", the areal average salinity anomalies; "SDV1", the standard deviation associated with the average salinity anomaly; "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.