

*Oceanography Branch CTD Data Report
2006 Salt Regions by Cruise Anomalies*

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2006 Bi-Monthly Areal Average Salinities and Anomalies for the Five Regions of NE Continental Shelf

Region	CD	SURFACE						BOTTOM					
		#obs	Salinity	Anomaly	SDV1	SDV2	Flag	#obs	Salinity	Anomaly	SDV1	SDV2	Flag
January-February													
GOMW	27	23	32.44	-0.50	0.14	0.38	0	19	33.73	0.12	0.12	0.35	0
GOME	29	17	32.31	-0.38	0.17	0.33	0	13	33.99	0.14	0.14	0.45	0
GB	37	39	32.69	-0.30	0.11	0.41	0	28	32.61	-0.52	0.14	0.40	0
MABN	53	43	32.47	-0.69	0.13	0.40	0	35	32.91	-0.57	0.15	0.36	0
MABS	43	64	32.80	-0.88	0.13	0.77	0	52	33.44	-0.30	0.13	0.83	0
March-April													
GOMW	102	53	32.43	-0.19	0.10	0.35	0	51	33.50	0.11	0.08	0.25	0
GOME	99	30	32.03	-0.43	0.13	0.25	0	26	34.18	0.30	0.10	0.48	0
GB	90	60	32.54	-0.43	0.08	0.54	0	50	32.85	-0.34	0.10	0.40	0
MABN	83	54	32.50	-0.39	0.12	0.68	0	46	33.11	-0.13	0.14	0.61	0
MABS	72	86	32.61	-0.46	0.11	1.12	0	75	33.38	-0.01	0.11	0.66	0
May-June													
GOMW	156	251	31.67	-0.34	0.12	0.31	0	244	33.36	-0.02	0.10	0.34	0
GOME	162	11	31.95	-0.39	0.18	0.25	0	9	34.22	0.27	0.15	0.44	0
GB	156	57	32.46	-0.37	0.11	0.25	0	48	32.80	-0.26	0.15	0.23	0
MABN	155	25	32.00	-0.46	0.17	0.30	0	20	33.27	0.12	0.18	0.70	0
MABS	154	35	31.61	-0.45	0.17	0.73	0	32	33.59	0.47	0.15	0.69	1
July-August													
GOMW	232	39	31.67	-0.36	0.12	0.33	0	35	33.43	0.05	0.09	0.32	0
GOME	236	26	32.33	-0.19	0.13	0.45	0	21	34.26	0.23	0.12	0.44	0
GB	224	96	32.00	-0.67	0.07	0.33	0	90	32.73	-0.25	0.08	0.42	0
MABN	222	44	31.74	-0.58	0.13	0.69	0	42	33.15	-0.03	0.13	0.55	0
MABS	216	109	31.44	-0.39	0.12	0.96	0	103	33.47	0.28	0.10	0.61	0
September-October													
GOMW	280	136	32.21	-0.17	0.08	0.30	0	129	33.71	0.15	0.06	0.35	0
GOME	283	61	32.56	-0.02	0.13	0.28	0	60	34.33	0.20	0.11	0.40	0
GB	273	85	32.32	-0.38	0.08	0.27	0	73	32.73	-0.23	0.09	0.32	0
MABN	265	60	32.62	-0.02	0.12	1.12	0	54	32.95	-0.39	0.13	0.64	0
MABS	255	80	32.25	0.11	0.11	1.35	0	75	32.41	-0.83	0.11	1.01	0
November-December													
GOMW	316	18	32.52	-0.22	0.17	5.28	1	17	33.93	0.26	0.13	0.90	1
GOME	316	13	32.91	0.17	0.18	0.36	0	13	34.43	0.22	0.15	0.33	0
GB	315	2	32.59	-0.20	0.41	20.32	1	2	33.03	-0.14	0.48	3.19	1
MABN	310	19	31.81	-1.16	0.20	3.91	0	15	33.69	0.04	0.21	0.66	0
MABS	310	18	33.20	0.06	0.22	0.29	1	15	33.69	0.30	0.20	0.48	1

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: "Salinity", 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.