

**Transect data for the Gulf of Mexico from NECOP website
(<http://www.aoml.noaa.gov/ocd/necop/>) for July 24-29,1993**

Transect C

Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	9	28:45.9'	90:13.1'	1.5	7.2	16.3	29.6	7.9
7/25/1993	C	9	28:45.9'	90:13.1'	2.1	7.1	16.9	29.8	8.3
7/25/1993	C	9	28:45.9'	90:13.1'	3.0	6.9	17.6	29.9	8.7
7/25/1993	C	9	28:45.9'	90:13.1'	4.0	6.6	20.7	30.1	11.0
7/25/1993	C	9	28:45.9'	90:13.1'	5.0	6.4	23.2	30.2	12.8
7/25/1993	C	9	28:45.9'	90:13.1'	6.0	6.4	24.6	30.3	13.8
7/25/1993	C	9	28:45.9'	90:13.1'	7.1	6.4	25.0	29.9	14.3
7/25/1993	C	9	28:45.9'	90:13.1'	8.1	6.2	26.0	29.9	15.0
7/25/1993	C	9	28:45.9'	90:13.1'	9.0	6.0	26.2	29.9	15.2
7/25/1993	C	9	28:45.9'	90:13.1'	9.6	5.4	26.4	29.8	15.4
7/25/1993	C	9	28:45.9'	90:13.1'	10.0	4.7	26.7	29.5	15.7
7/25/1993	C	9	28:45.9'	90:13.1'	11.0	3.9	27.8	28.9	16.7
7/25/1993	C	9	28:45.9'	90:13.1'	12.1	3.1	30.6	27.8	19.2
7/25/1993	C	9	28:45.9'	90:13.1'	12.5	2.7	31.0	27.6	19.5
7/25/1993	C	9	28:45.9'	90:13.1'	13.0	3.3	31.7	26.9	20.2
7/25/1993	C	9	28:45.9'	90:13.1'	14.0	3.8	33.0	26.9	21.3
7/25/1993	C	9	28:45.9'	90:13.1'	15.0	4.0	33.7	26.5	21.9
7/25/1993	C	9	28:45.9'	90:13.1'	16.0	4.3	34.0	26.1	22.3
7/25/1993	C	9	28:45.9'	90:13.1'	17.0	4.7	34.3	26.0	22.5
7/25/1993	C	9	28:45.9'	90:13.1'	18.0	4.6	34.6	25.7	22.8
7/25/1993	C	9	28:45.9'	90:13.1'	19.0	4.5	34.8	25.5	23.0
7/25/1993	C	9	28:45.9'	90:13.1'	20.0	4.0	35.1	25.1	23.4
7/25/1993	C	9	28:45.9'	90:13.1'	21.0	3.3	35.3	24.6	23.7
7/25/1993	C	9	28:45.9'	90:13.1'	22.1	3.6	35.4	24.4	23.9
7/25/1993	C	9	28:45.9'	90:13.1'	22.7	4.3	35.5	24.3	23.9
7/25/1993	C	9	28:45.9'	90:13.1'	23.0	4.6	35.7	23.6	24.3
7/25/1993	C	9	28:45.9'	90:13.1'	23.6	3.8	35.9	23.0	24.6
7/25/1993	C	9	28:45.9'	90:13.1'	24.0	3.5	35.9	22.8	24.7
7/25/1993	C	9	28:45.9'	90:13.1'	25.0	3.3	36.0	22.7	24.8
7/25/1993	C	9	28:45.9'	90:13.1'	26.0	3.3	36.1	22.5	24.9
7/25/1993	C	9	28:45.9'	90:13.1'	27.1	3.3	36.1	22.4	24.9
7/25/1993	C	9	28:45.9'	90:13.1'	28.0	3.2	36.1	22.4	24.9
7/25/1993	C	9	28:45.9'	90:13.1'	29.0	3.2	36.2	22.2	25.1
7/25/1993	C	9	28:45.9'	90:13.1'	29.8	3.2	36.1	22.1	25.1
Station 9 Depth = 29.8 meters									
7/25/1993	C	9A	28:40.50	91:16.50'	1.7	7.6	14.3	29.5	6.5
7/25/1993	C	9A	28:40.50	91:16.50'	2.0	7.1	15.1	29.5	7.0
7/25/1993	C	9A	28:40.50	91:16.50'	3.0	6.7	18.8	29.8	9.7
7/25/1993	C	9A	28:40.50	91:16.50'	4.1	6.7	18.9	29.8	9.8
7/25/1993	C	9A	28:40.50	91:16.50'	5.0	6.5	19.9	29.9	10.5
7/25/1993	C	9A	28:40.50	91:16.50'	6.0	6.1	22.2	30.2	12.2
7/25/1993	C	9A	28:40.50	91:16.50'	7.0	5.9	23.0	30.0	12.8
7/25/1993	C	9A	28:40.50	91:16.50'	8.0	5.5	24.1	29.8	13.6
7/25/1993	C	9A	28:40.50	91:16.50'	8.5	4.9	25.0	29.5	14.4

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Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	9A	28:40.50	91:16.50'	9.0	4.8	25.6	29.1	15.0
7/25/1993	C	9A	28:40.50	91:16.50'	10.1	4.4	26.5	29.3	15.6
7/25/1993	C	9A	28:40.50	91:16.50'	11.0	4.5	26.5	29.2	15.6
7/25/1993	C	9A	28:40.50	91:16.50'	11.8	4.1	26.9	29.2	15.9
7/25/1993	C	9A	28:40.50	91:16.50'	12.1	3.6	26.9	29.1	16.0
7/25/1993	C	9A	28:40.50	91:16.50'	13.1	2.9	27.7	28.1	16.9
7/25/1993	C	9A	28:40.50	91:16.50'	14.0	2.5	29.3	27.7	18.2
7/25/1993	C	9A	28:40.50	91:16.50'	15.0	2.1	31.3	26.9	20.0
7/25/1993	C	9A	28:40.50	91:16.50'	16.0	1.6	33.5	25.9	21.9
7/25/1993	C	9A	28:40.50	91:16.50'	17.0	1.5	34.4	25.3	22.8
7/25/1993	C	9A	28:40.50	91:16.50'	17.7	1.5	34.7	25.0	23.1
7/25/1993	C	9A	28:40.50	91:16.50'	18.0	1.5	35.0	24.7	23.5
7/25/1993	C	9A	28:40.50	91:16.50'	19.1	1.7	35.1	24.4	23.6
7/25/1993	C	9A	28:40.50	91:16.50'	20.0	1.7	35.7	23.5	24.3
7/25/1993	C	9A	28:40.50	91:16.50'	21.0	1.5	35.6	23.5	24.3
7/25/1993	C	9A	28:40.50	91:16.50'	22.0	1.5	35.9	23.0	24.7
7/25/1993	C	9A	28:40.50	91:16.50'	23.0	1.4	35.9	22.9	24.7
7/25/1993	C	9A	28:40.50	91:16.50'	24.1	1.3	36.1	22.6	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	25.0	1.2	36.1	22.5	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	26.1	1.2	36.1	22.5	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	27.0	1.1	36.1	22.5	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	28.0	1.0	36.1	22.4	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	28.3	1.0	36.0	22.4	24.9
7/25/1993	C	9A	28:40.50	91:16.50'	29.0	1.1	36.1	22.3	24.9
Station 9A Depth = 29.0 meters									
7/25/1993	C	10	28:36.60	90:14.00"	1.7	7.3	13.9	29.6	6.1
7/25/1993	C	10	28:36.60	90:14.00"	2.1	7.3	14.1	29.6	6.3
7/25/1993	C	10	28:36.60	90:14.00"	2.6	7.0	15.2	29.3	7.2
7/25/1993	C	10	28:36.60	90:14.00"	3.0	6.8	17.3	29.5	8.7
7/25/1993	C	10	28:36.60	90:14.00"	4.0	6.5	20.8	30.1	11.1
7/25/1993	C	10	28:36.60	90:14.00"	5.0	6.1	23.2	30.3	12.8
7/25/1993	C	10	28:36.60	90:14.00"	6.0	6.0	26.0	30.1	15.0
7/25/1993	C	10	28:36.60	90:14.00"	7.0	5.8	26.6	30.0	15.4
7/25/1993	C	10	28:36.60	90:14.00"	8.0	5.4	26.8	29.5	15.7
7/25/1993	C	10	28:36.60	90:14.00"	9.0	3.9	27.0	29.1	16.1
7/25/1993	C	10	28:36.60	90:14.00"	10.0	3.7	27.7	28.5	16.8
7/25/1993	C	10	28:36.60	90:14.00"	10.4	4.0	29.1	28.5	17.8
7/25/1993	C	10	28:36.60	90:14.00"	11.0	4.6	29.0	28.5	17.7
7/25/1993	C	10	28:36.60	90:14.00"	12.0	4.6	30.6	28.6	18.9
7/25/1993	C	10	28:36.60	90:14.00"	12.6	4.9	30.7	29.1	18.8
7/25/1993	C	10	28:36.60	90:14.00"	13.0	5.3	31.5	28.9	19.5
7/25/1993	C	10	28:36.60	90:14.00"	14.1	5.5	33.0	28.8	20.6
7/25/1993	C	10	28:36.60	90:14.00"	15.1	5.7	33.6	28.9	21.0
7/25/1993	C	10	28:36.60	90:14.00"	16.0	5.8	34.1	29.1	21.4

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7/25/1993	C	10	28:36.60	90:14.00"	17.0	5.9	34.2	29.0	21.5
7/25/1993	C	10	28:36.60	90:14.00"	18.0	5.9	34.2	28.8	21.6
7/25/1993	C	10	28:36.60	90:14.00"	19.0	6.0	34.4	28.7	21.7
7/25/1993	C	10	28:36.60	90:14.00"	20.1	6.1	34.5	28.1	22.0
7/25/1993	C	10	28:36.60	90:14.00"	21.0	6.0	34.6	27.9	22.1
7/25/1993	C	10	28:36.60	90:14.00"	22.0	5.7	34.6	27.4	22.3
7/25/1993	C	10	28:36.60	90:14.00"	23.0	5.3	34.4	27.0	22.3
7/25/1993	C	10	28:36.60	90:14.00"	24.0	5.2	34.9	26.1	22.9
7/25/1993	C	10	28:36.60	90:14.00"	25.0	5.2	35.0	26.0	23.0
7/25/1993	C	10	28:36.60	90:14.00"	26.0	4.9	35.2	25.1	23.5
7/25/1993	C	10	28:36.60	90:14.00"	27.0	3.8	35.4	24.0	23.9
7/25/1993	C	10	28:36.60	90:14.00"	28.0	3.3	35.5	23.6	24.1
7/25/1993	C	10	28:36.60	90:14.00"	29.0	3.0	35.5	23.5	24.2
7/25/1993	C	10	28:36.60	90:14.00"	30.1	3.4	35.9	22.6	24.7
7/25/1993	C	10	28:36.60	90:14.00"	31.0	3.6	35.9	22.6	24.7
7/25/1993	C	10	28:36.60	90:14.00"	32.0	4.1	36.0	22.3	24.9
7/25/1993	C	10	28:36.60	90:14.00"	33.0	4.3	36.0	22.3	24.9
7/25/1993	C	10	28:36.60	90:14.00"	34.0	4.3	36.0	22.1	25.0
7/25/1993	C	10	28:36.60	90:14.00"	35.0	4.1	36.1	22.1	25.0
7/25/1993	C	10	28:36.60	90:14.00"	36.1	3.3	36.1	22.0	25.0
7/25/1993	C	10	28:36.60	90:14.00"	36.2	3.1	36.1	22.0	25.1
7/25/1993	C	10	28:36.60	90:14.00"	37.0	2.7	36.0	21.9	25.0
7/25/1993	C	10	28:36.60	90:14.00"	38.0	2.5	36.0	21.7	25.1
7/25/1993	C	10	28:36.60	90:14.00"	39.0	2.3	36.2	21.4	25.3
7/25/1993	C	10	28:36.60	90:14.00"	40.0	2.2	36.2	21.3	25.3
7/25/1993	C	10	28:36.60	90:14.00"	41.0	2.4	36.2	21.2	25.4
7/25/1993	C	10	28:36.60	90:14.00"	42.0	2.5	36.2	21.1	25.4
7/25/1993	C	10	28:36.60	90:14.00"	43.0	2.5	36.2	21.0	25.4
7/25/1993	C	10	28:36.60	90:14.00"	44.1	2.7	36.3	20.8	25.5
7/25/1993	C	10	28:36.60	90:14.00"	45.0	3.0	36.3	20.3	25.6
7/25/1993	C	10	28:36.60	90:14.00"	45.0	3.0	36.2	20.4	25.6
7/25/1993	C	10	28:36.60	90:14.00"	45.4	3.1	36.3	20.2	25.7
7/25/1993	C	10	28:36.60	90:14.00"	45.5	3.2	36.3	20.2	25.7
Station 10 Depth = 45.5 meters									
7/25/1993	C	8A	28:44.00	90:19.50'	0.8	8.6	13.3	29.8	5.6
7/25/1993	C	8A	28:44.00	90:19.50'	1.0	8.4	13.4	29.7	5.7
7/25/1993	C	8A	28:44.00	90:19.50'	2.0	7.9	13.7	29.4	6.0
7/25/1993	C	8A	28:44.00	90:19.50'	3.0	6.9	15.4	29.6	7.3
7/25/1993	C	8A	28:44.00	90:19.50'	4.0	6.1	21.0	30.2	11.2
7/25/1993	C	8A	28:44.00	90:19.50'	5.0	5.8	21.9	30.3	11.8
7/25/1993	C	8A	28:44.00	90:19.50'	6.0	5.7	23.2	30.3	12.8
7/25/1993	C	8A	28:44.00	90:19.50'	7.0	5.2	24.2	30.1	13.6
7/25/1993	C	8A	28:44.00	90:19.50'	8.0	4.4	24.9	29.6	14.3
7/25/1993	C	8A	28:44.00	90:19.50'	8.2	3.0	25.0	29.5	14.4

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Transect C

Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	8A	28:44.00	90:19.50'	8.4	2.9	25.2	29.2	14.6
7/25/1993	C	8A	28:44.00	90:19.50'	8.7	3.0	25.7	28.9	15.1
7/25/1993	C	8A	28:44.00	90:19.50'	8.8	2.3	25.6	28.8	15.1
7/25/1993	C	8A	28:44.00	90:19.50'	9.0	2.1	25.7	28.7	15.2
7/25/1993	C	8A	28:44.00	90:19.50'	10.0	2.2	27.8	28.2	16.9
7/25/1993	C	8A	28:44.00	90:19.50'	11.0	2.4	31.9	26.6	20.5
7/25/1993	C	8A	28:44.00	90:19.50'	11.2	2.6	33.0	26.1	21.5
7/25/1993	C	8A	28:44.00	90:19.50'	11.6	2.7	33.9	25.9	22.2
7/25/1993	C	8A	28:44.00	90:19.50'	12.0	2.9	34.0	25.9	22.3
7/25/1993	C	8A	28:44.00	90:19.50'	12.4	3.4	34.1	25.8	22.5
7/25/1993	C	8A	28:44.00	90:19.50'	13.0	3.8	34.1	25.8	22.4
7/25/1993	C	8A	28:44.00	90:19.50'	14.0	4.2	34.7	24.9	23.1
7/25/1993	C	8A	28:44.00	90:19.50'	15.0	3.7	35.1	24.9	23.5
7/25/1993	C	8A	28:44.00	90:19.50'	16.0	3.5	35.5	24.7	23.8
7/25/1993	C	8A	28:44.00	90:19.50'	17.0	3.6	35.8	24.2	24.2
7/25/1993	C	8A	28:44.00	90:19.50'	18.0	3.8	36.0	23.7	24.5
7/25/1993	C	8A	28:44.00	90:19.50'	19.0	3.8	36.0	23.2	24.6
7/25/1993	C	8A	28:44.00	90:19.50'	20.0	3.8	36.0	23.2	24.6
7/25/1993	C	8A	28:44.00	90:19.50'	21.0	3.8	36.1	23.1	24.7
7/25/1993	C	8A	28:44.00	90:19.50'	22.0	3.8	36.1	23.1	24.7
7/25/1993	C	8A	28:44.00	90:19.50'	23.0	3.9	36.1	23.0	24.7
7/25/1993	C	8A	28:44.00	90:19.50'	24.0	3.9	36.1	23.0	24.7
7/25/1993	C	8A	28:44.00	90:19.50'	24.8	3.9	36.1	23.0	24.7
Station 8A Depth = 24.8 meters									
7/25/1993	C	7	28:49.93	90:23.53'	1.0	7.9	13.6	30.3	5.7
7/25/1993	C	7	28:49.93	90:23.53'	2.0	8.0	13.5	30.3	5.6
7/25/1993	C	7	28:49.93	90:23.53'	3.0	6.6	14.7	29.7	6.7
7/25/1993	C	7	28:49.93	90:23.53'	4.0	5.8	17.5	30.0	8.7
7/25/1993	C	7	28:49.93	90:23.53'	4.4	4.6	18.4	30.1	9.3
7/25/1993	C	7	28:49.93	90:23.53'	4.9	4.3	20.9	29.9	11.2
7/25/1993	C	7	28:49.93	90:23.53'	5.0	4.3	22.4	29.7	12.4
7/25/1993	C	7	28:49.93	90:23.53'	5.2	4.1	23.0	29.6	12.9
7/25/1993	C	7	28:49.93	90:23.53'	5.5	3.6	23.5	29.3	13.4
7/25/1993	C	7	28:49.93	90:23.53'	5.7	3.4	25.5	29.1	14.9
7/25/1993	C	7	28:49.93	90:23.53'	5.8	3.2	26.0	29.1	15.3
7/25/1993	C	7	28:49.93	90:23.53'	6.0	2.8	26.1	29.0	15.4
7/25/1993	C	7	28:49.93	90:23.53'	6.2	2.5	26.5	28.7	15.8
7/25/1993	C	7	28:49.93	90:23.53'	6.4	2.3	27.4	28.4	16.5
7/25/1993	C	7	28:49.93	90:23.53'	6.6	2.4	28.2	28.0	17.3
7/25/1993	C	7	28:49.93	90:23.53'	6.8	2.8	29.2	27.6	18.1
7/25/1993	C	7	28:49.93	90:23.53'	7.0	3.6	30.6	27.4	19.3
7/25/1993	C	7	28:49.93	90:23.53'	8.0	3.4	31.8	27.3	20.2
7/25/1993	C	7	28:49.93	90:23.53'	9.0	2.6	32.7	26.7	21.1
7/25/1993	C	7	28:49.93	90:23.53'	10.0	3.4	33.6	26.4	21.9

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(<http://www.aoml.noaa.gov/ocd/necop/>) for July 24-29,1993**

Transect C

Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	7	28:49.93	90:23.53'	11.0	3.9	34.0	26.1	22.3
7/25/1993	C	7	28:49.93	90:23.53'	12.0	3.7	34.7	25.9	22.8
7/25/1993	C	7	28:49.93	90:23.53'	13.0	3.6	35.1	25.9	23.2
7/25/1993	C	7	28:49.93	90:23.53'	14.1	3.5	35.4	25.5	23.5
7/25/1993	C	7	28:49.93	90:23.53'	15.0	2.4	35.7	25.2	23.8
7/25/1993	C	7	28:49.93	90:23.53'	18.0	1.3	35.8	24.9	24.0
7/25/1993	C	7	28:49.93	90:23.53'	18.5	1.2	35.8	24.9	24.0
7/25/1993	C	7	28:49.93	90:23.53'	19.1	1.2	35.8	24.9	24.0
Station 7 Depth = 19.1 meters									
7/25/1993	C	6B	28:52.18	90:28.04'	0.9	8.2	15.4	29.9	7.1
7/25/1993	C	6B	28:52.18	90:28.04'	1.0	8.2	15.4	29.9	7.1
7/25/1993	C	6B	28:52.18	90:28.04'	2.0	7.7	15.3	29.9	7.1
7/25/1993	C	6B	28:52.18	90:28.04'	3.0	7.3	15.7	29.3	7.6
7/25/1993	C	6B	28:52.18	90:28.04'	4.2	6.1	19.0	29.4	10.0
7/25/1993	C	6B	28:52.18	90:28.04'	4.5	6.0	19.6	29.5	10.4
7/25/1993	C	6B	28:52.18	90:28.04'	4.6	5.6	19.3	29.5	10.2
7/25/1993	C	6B	28:52.18	90:28.04'	4.9	4.4	21.0	29.5	11.5
7/25/1993	C	6B	28:52.18	90:28.04'	5.0	3.9	24.3	29.4	13.9
7/25/1993	C	6B	28:52.18	90:28.04'	5.6	2.9	26.6	28.6	15.9
7/25/1993	C	6B	28:52.18	90:28.04'	6.1	3.3	29.6	27.8	18.5
7/25/1993	C	6B	28:52.18	90:28.04'	6.6	3.7	31.9	27.3	20.3
7/25/1993	C	6B	28:52.18	90:28.04'	7.0	4.2	32.8	27.0	21.1
7/25/1993	C	6B	28:52.18	90:28.04'	7.4	4.2	33.5	26.9	21.6
7/25/1993	C	6B	28:52.18	90:28.04'	7.8	3.4	33.8	26.9	21.8
7/25/1993	C	6B	28:52.18	90:28.04'	8.1	3.0	33.9	26.9	21.9
7/25/1993	C	6B	28:52.18	90:28.04'	9.1	3.4	34.3	27.1	22.2
7/25/1993	C	6B	28:52.18	90:28.04'	10.0	3.3	34.8	27.4	22.4
7/25/1993	C	6B	28:52.18	90:28.04'	11.1	2.9	35.0	27.5	22.6
7/25/1993	C	6B	28:52.18	90:28.04'	12.1	3.0	35.1	27.3	22.7
7/25/1993	C	6B	28:52.18	90:28.04'	13.0	3.0	35.2	27.1	22.8
7/25/1993	C	6B	28:52.18	90:28.04'	14.1	1.9	35.4	26.1	23.3
7/25/1993	C	6B	28:52.18	90:28.04'	15.0	1.7	35.7	25.7	23.6
7/25/1993	C	6B	28:52.18	90:28.04'	16.1	1.5	35.7	25.7	23.6
7/25/1993	C	6B	28:52.18	90:28.04'	17.0	1.4	35.7	25.7	23.6
7/25/1993	C	6B	28:52.18	90:28.04'	18.0	1.4	35.7	25.7	23.6
7/25/1993	C	6B	28:52.18	90:28.04'	18.5	1.3	35.7	25.7	23.6
7/25/1993	C	6B	28:52.18	90:28.04'	18.6	1.3	35.7	25.7	23.6
Station 6B Depth = 18.6 meters									
7/25/1993	C	4	28:57.00	90:31.46'	1.2	5.7	15.2	29.7	7.1
7/25/1993	C	4	28:57.00	90:31.46'	1.5	5.6	15.4	29.7	7.2
7/25/1993	C	4	28:57.00	90:31.46'	2.0	6.9	15.5	29.6	7.3
7/25/1993	C	4	28:57.00	90:31.46'	2.4	5.7	17.1	29.6	8.5
7/25/1993	C	4	28:57.00	90:31.46'	3.0	5.4	20.1	29.2	10.9

**Transect data for the Gulf of Mexico from NECOP website
(<http://www.aoml.noaa.gov/ocd/necop/>) for July 24-29,1993**

Transect C

Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	4	28:57.00	90:31.46'	3.2	4.5	20.6	29.2	11.2
7/25/1993	C	4	28:57.00	90:31.46'	3.4	4.3	21.2	29.2	11.7
7/25/1993	C	4	28:57.00	90:31.46'	3.6	3.9	23.8	29.3	13.6
7/25/1993	C	4	28:57.00	90:31.46'	3.8	2.9	25.3	29.0	14.8
7/25/1993	C	4	28:57.00	90:31.46'	4.0	2.7	27.1	28.6	16.3
7/25/1993	C	4	28:57.00	90:31.46'	5.0	3.8	33.3	27.9	21.2
7/25/1993	C	4	28:57.00	90:31.46'	6.0	4.1	34.0	28.2	21.6
7/25/1993	C	4	28:57.00	90:31.46'	7.0	4.1	34.5	28.1	21.9
7/25/1993	C	4	28:57.00	90:31.46'	7.6	3.9	34.7	28.0	22.2
7/25/1993	C	4	28:57.00	90:31.46'	8.0	3.3	34.8	27.9	22.3
7/25/1993	C	4	28:57.00	90:31.46'	8.6	2.8	34.9	27.8	22.4
7/25/1993	C	4	28:57.00	90:31.46'	9.0	2.6	35.0	27.7	22.5
7/25/1993	C	4	28:57.00	90:31.46'	10.0	2.1	35.0	27.6	22.5
7/25/1993	C	4	28:57.00	90:31.46'	11.0	1.9	35.1	27.4	22.7
7/25/1993	C	4	28:57.00	90:31.46'	11.5	1.3	35.2	27.2	22.8
7/25/1993	C	4	28:57.00	90:31.46'	11.7	0.6	35.1	27.2	22.8
7/25/1993	C	4	28:57.00	90:31.46'	11.9	0.9	35.1	27.2	22.8
Station 4 Depth = 11.9 meters									
7/25/1993	C	3	28:59.44	90:31.25'	1.3	5.0	19.3	29.0	10.3
7/25/1993	C	3	28:59.44	90:31.25'	1.4	5.0	18.9	29.0	10.1
7/25/1993	C	3	28:59.44	90:31.25'	1.6	4.5	20.6	28.9	11.3
7/25/1993	C	3	28:59.44	90:31.25'	1.8	3.9	20.7	28.9	11.4
7/25/1993	C	3	28:59.44	90:31.25'	2.0	3.9	21.5	28.9	12.0
7/25/1993	C	3	28:59.44	90:31.25'	3.0	3.5	21.8	28.9	12.2
7/25/1993	C	3	28:59.44	90:31.25'	3.4	3.1	22.1	28.9	12.4
7/25/1993	C	3	28:59.44	90:31.25'	3.8	2.1	24.0	28.7	14.0
7/25/1993	C	3	28:59.44	90:31.25'	4.0	1.9	24.8	28.6	14.6
7/25/1993	C	3	28:59.44	90:31.25'	5.0	1.9	30.8	27.9	19.3
7/25/1993	C	3	28:59.44	90:31.25'	6.0	1.9	33.9	27.5	21.7
7/25/1993	C	3	28:59.44	90:31.25'	6.7	3.4	34.5	27.8	22.1
7/25/1993	C	3	28:59.44	90:31.25'	7.1	3.5	34.6	27.8	22.2
7/25/1993	C	3	28:59.44	90:31.25'	7.4	3.4	34.6	27.8	22.2
7/25/1993	C	3	28:59.44	90:31.25'	8.0	2.6	34.9	27.7	22.4
7/25/1993	C	3	28:59.44	90:31.25'	9.0	2.0	35.1	27.5	22.6
7/25/1993	C	3	28:59.44	90:31.25'	9.6	0.3	35.1	27.2	22.8
7/25/1993	C	3	28:59.44	90:31.25'	10.0	0.3	35.1	27.1	22.8
Station 3 Depth = 10.0 meters									
7/25/1993	C	1	29:03.40	90:31.90'	1.2	6.3	22.1	28.9	12.5
7/25/1993	C	1	29:03.40	90:31.90'	2.0	6.1	22.6	28.9	12.8
7/25/1993	C	1	29:03.40	90:31.90'	2.2	5.6	22.6	28.9	12.9
7/25/1993	C	1	29:03.40	90:31.90'	2.4	4.5	23.6	28.8	13.6
7/25/1993	C	1	29:03.40	90:31.90'	2.6	4.8	25.6	28.5	15.2
7/25/1993	C	1	29:03.40	90:31.90'	2.8	3.9	26.2	28.5	15.7

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Transect C

Date	Trn.	Stn.	Lat. deg:min	Long. deg:min	Depth (m)	D.O. (mg/L)	Sal. (ppt.)	Temp. (Cent.)	Density Sigma-t
7/25/1993	C	1	29:03.40	90:31.90'	3.0	2.1	29.1	28.2	17.9
7/25/1993	C	1	29:03.40	90:31.90'	3.2	1.9	31.0	28.2	19.3
7/25/1993	C	1	29:03.40	90:31.90'	3.4	1.5	31.5	28.1	19.8
7/25/1993	C	1	29:03.40	90:31.90'	3.6	1.0	32.4	28.0	20.5
7/25/1993	C	1	29:03.40	90:31.90'	3.8	0.4	32.3	28.0	20.4
7/25/1993	C	1	29:03.40	90:31.90'	3.8	0.3	32.8	28.0	20.8
7/25/1993	C	1	29:03.40	90:31.90'	3.9	0.3	32.9	27.9	20.8
7/25/1993	C	1	29:03.40	90:31.90'	4.0	0.5	33.1	27.9	21.0
7/25/1993	C	1	29:03.40	90:31.90'	4.1	0.5	32.9	27.9	20.8
Station 1 Depth = 4.1 meters									

Units for variables:

Trn. Transect

Stn. = Station

Lat. = Latitude in degrees: minutes. hundredths of a minute (deg:min)

Long.= Longitude in degrees: minutes. hundredths of a minute (deg:min)

Depth in meters (m)

D.O. = Dissolved Oxygen in milligrams per liter (mg/L)

Sal. = Salinity in parts per thousand (ppt.)

Temp. = Temperature in degrees Centigrade (Cent.)

Density (Sigma-t).

Note: Longitude for several stations was incorrect in the original data and changed on this data set

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