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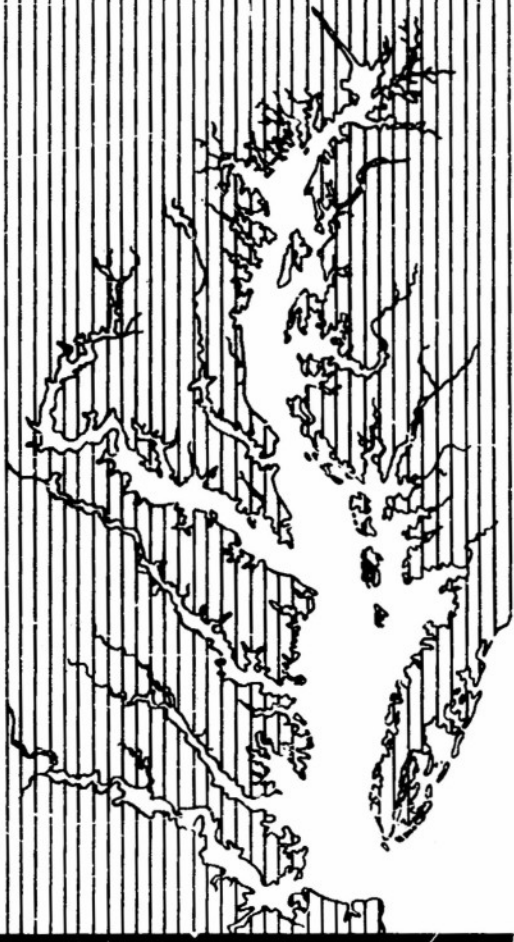
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**THE CHESAPEAKE BAY INSTITUTE
of The Johns Hopkins University**



**DATA REPORT 19
PATUXENT RIVER SUMMER CRUISE
23 June - 28 June 1952**

**Reference 54-6
June 1954**

CHESAPEAKE BAY INSTITUTE
THE JOHNS HOPKINS UNIVERSITY

DATA REPORT 19

PATUXENT RIVER-SUMMER CRUISE
23 June - 28 June 1952

This report contains results of work carried out for: the Office of Naval Research of the Navy Department under research project NR 083-016, Contract Nonr 248(20), and research project NR 083-070, Contract Nonr 248(30); the State of Maryland (Department of Research and Education); and the Commonwealth of Virginia (Virginia Fisheries Laboratory).

June 1954
Reference 54-6

D. W. Pritchard
Director

The data presented in this report were collected in the Patuxent River during the period 23 June to 28 June 1952.

The purpose of this cruise was to study the physical and chemical structure of the area in the summer season.

The presentation of data in this report does not constitute publication and the information may be subject to modification at a later date.

Location of Stations

An arbitrary line designating the mouth of the river was chosen from Little Cove Point to Cedar Point. The stations were chosen upstream from this line in the deepest part of the channel. The station designators consist of the letters FX followed by the numerals representing the number of miles (nautical) to the nearest mile upstream from the mouth of the river. Thus FX-21 is the station 21 miles upstream from the line designating the mouth of the river.

Observations

Current speed and direction were measured with the confined submerged drags described in Chesapeake Bay Institute Technical Report No. 1.

Temperature and salinity were determined by means of the Conductivity-Temperature-Indicator (CTI). (See Data Report 13, reference 53-4.)

Oxygen was determined by the modified Winkler titration method.

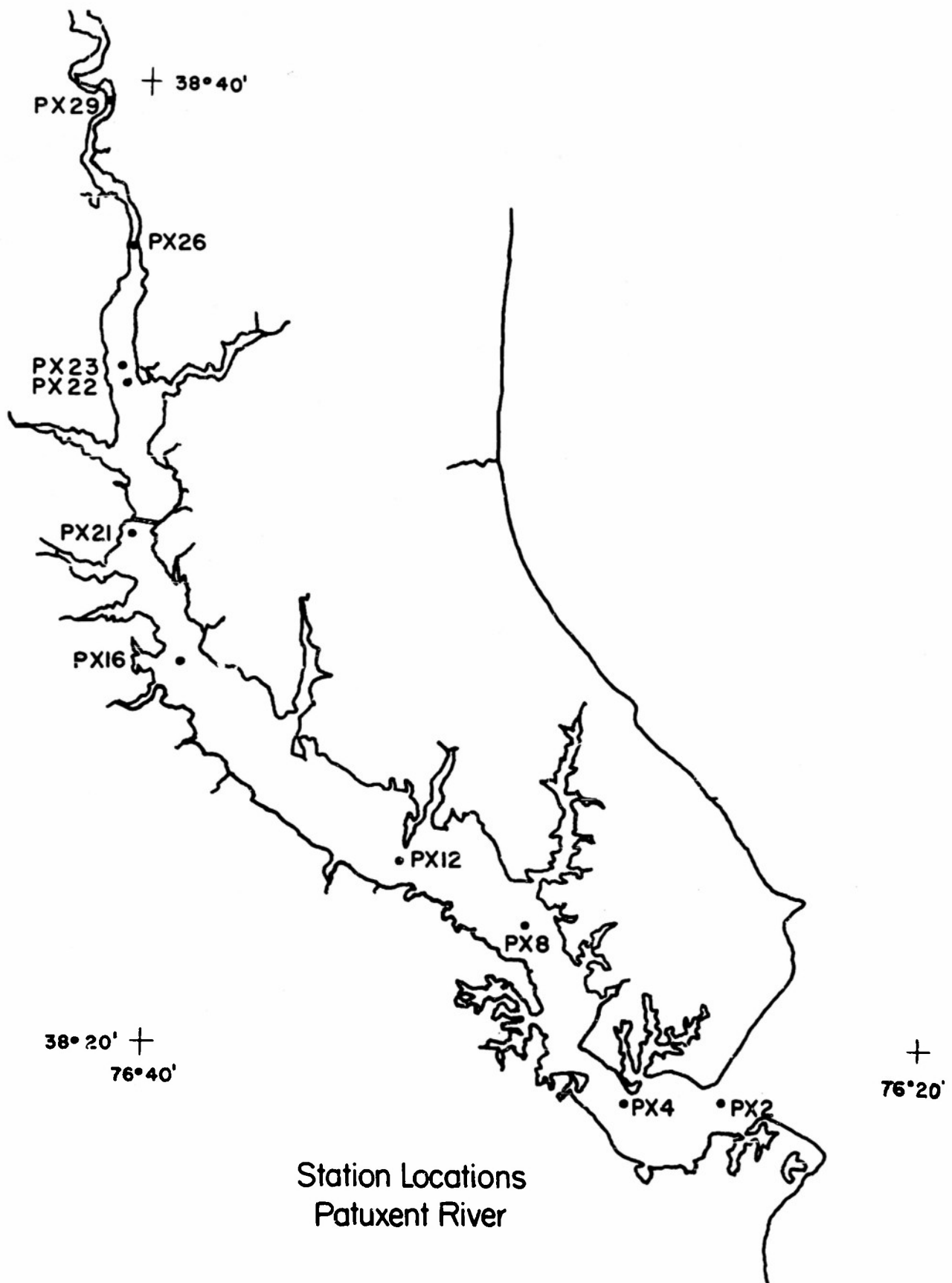
pH was determined with a Beckman pH meter.

Turbidity, inorganic phosphate, and chlorophyll were determined by the methods outlined in Data Report 12, reference 52-21.

Alkalinity was determined by the method found in Industrial and Engineering Chemistry, Analytical Edition, Volume 16, No. 12, 1946.

Weather is reported in the code outlined in Data Report 18, reference 54-2.

Wind force is given in Beaufort scale units.



Station Locations
Patuxent River

Section A
Salinity, Temperature, Current, and Meteorological Data

PX-2 27 June 52		1810 EST Depth 62'		Weather 14 Wind W-3 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.17	8.94	243	0.19	
5	28.18	8.94	273	0.17	
10	27.38	8.93	221	0.14	
15	25.60	9.14	066	0.15	
20	25.40	9.35	151	0.21	
25	24.78	9.50	143	0.20	
30	24.72	9.55	053	0.12	
35	24.18	9.96	051	0.11	
40	23.95	10.32	053	0.11	
45	23.27	11.51	0	0.00	
50	22.59	12.37	0	0.00	
55	21.47	13.95	0	0.00	
60	21.37	14.38	0	0.00	

PX-2 27 June 52		2000 EST Depth 58'		Weather 01 Wind W-1 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.00	8.88	0	0.00	
5	27.70	9.00	0	0.00	
10	27.45	9.07	103	0.46	
15	26.85	9.26	104	0.50	
20	25.51	9.42	065	0.21	
25	25.42	9.47	078	0.37	
30	24.76	9.68	042	0.32	
35	23.81	10.53	017	0.24	
40	23.63	10.80	010	0.12	
45	23.10	11.48	0	0.00	
50	21.55	14.08	0	0.00	
55	21.49	14.27	0	0.00	
59	21.43	14.28	--	--	

PX-2 27 June 52		1900 EST Depth 60'		Weather 01 Wind W-1 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.77	8.92	0	0.00	
5	27.32	8.97	090	0.23	
10	26.74	9.26	091	0.24	
15	26.45	9.30	091	0.28	
20	25.55	9.43	071	0.20	
25	25.31	9.47	071	0.17	
30	25.17	9.47	0	0.00	
35	24.26	9.92	0	0.00	
40	23.68	10.67	0	0.00	
45	23.47	11.05	0	0.00	
50	22.23	12.60	0	0.00	
55	21.66	13.92	0	0.00	
59 ¹ / ₂	21.45	14.27	--	--	

PX-2 27 June 52		2100 EST Depth 58'		Weather 01 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.38	9.06	071	0.38	
5	27.35	9.08	056	0.31	
10	27.34	9.08	018	0.26	
15	25.95	9.37	018	0.50	
20	25.70	9.42	019	0.58	
25	25.35	9.48	030	0.55	
30	25.15	9.58	060	0.55	
35	24.27	10.00	070	0.57	
40	23.64	10.73	059	0.57	
45	22.33	12.55	0	0.00	
50	21.50	14.15	0	0.00	
55	21.37	14.35	0	0.00	
59	21.33	14.45	--	--	

PX-2 27 June 52		2200 EST Depth 58'		Weather 03 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.77	9.28	068	0.61	
5	27.73	9.33	068	0.57	
10	27.04	9.33	068	0.55	
15	26.91	9.33	070	0.66	
20	26.38	9.33	065	0.66	
25	25.35	9.37	071	0.58	
30	24.85	9.73	072	0.48	
35	23.81	10.52	073	0.31	
40	22.80	12.20	256	0.31	
45	22.06	13.33	256	0.36	
50	21.50	14.23	256	0.26	
55	21.40	14.38	0	0.00	
59	21.35	14.42	--	--	

PX-2 28 June 52		2400 EST Depth 58'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.27	9.25	088	0.17	
5	27.25	9.27	062	0.16	
10	26.68	9.34	021	0.30	
15	26.12	9.42	059	0.24	
20	25.94	9.44	068	0.26	
25	24.57	9.83	073	0.27	
30	24.29	10.22	078	0.24	
35	23.54	10.90	259	0.21	
40	23.08	11.96	259	0.26	
45	22.45	13.04	253	0.31	
50	21.81	14.12	245	0.32	
55	21.74	14.27	236	0.11	
60	21.68	14.38	--	--	

PX-2 28 June 52		2300 EST Depth 58'		Weather 03 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.48	8.97	073	0.52	
5	27.87	9.10	055	0.43	
10	27.63	9.12	056	0.61	
15	27.42	9.15	076	0.58	
20	26.87	9.21	076	0.57	
25	26.15	9.41	066	0.52	
30	25.15	9.87	076	0.38	
35	24.27	10.81	0	0.00	
40	23.33	12.25	259	0.48	
45	22.93	13.05	247	0.50	
50	22.50	13.77	251	0.43	
55	22.36	13.93	255	0.29	
59	22.20	14.10	--	--	

PX-2 28 June 52		0100 EST Depth 58'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.81	9.03	0	0.00	
5	27.73	9.13	0	0.00	
10	27.53	9.19	0	0.00	
15	26.60	9.29	0	0.00	
20	25.55	9.56	0	0.00	
25	25.15	9.74	0	0.00	
30	25.03	9.83	0	0.00	
35	24.83	10.12	279	0.17	
40	23.82	11.40	249	0.29	
45	22.91	12.96	241	0.55	
50	22.31	13.92	242	0.61	
55	22.07	14.36	243	0.58	
59	22.06	14.36	--	--	

PX-2 28 June 52		0201 EST Depth 58'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.50	8.98	200	0.85	
5	27.45	9.00	201	0.44	
10	26.56	9.20	201	0.20	
15	26.07	9.41	205	0.44	
20	28.85	--	204	0.44	
25	24.96	9.74	204	0.39	
30	24.55	10.01	204	0.59	
35	24.18	10.43	204	0.56	
40	23.69	10.82	204	0.62	
45	22.86	12.27	200	0.52	
50	21.99	13.74	200	0.44	
55	21.60	14.55	200	0.44	

PX-2 28 June 52		0400 EST Depth 58'		Weather 01 Wind ESE-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.96	8.98	253	0.47	
5	27.94	9.02	253	0.52	
10	27.80	9.10	253	0.62	
15	27.74	9.11	243	0.62	
20	27.11	9.12	233	0.62	
25	25.80	9.44	233	0.62	
30	25.15	9.82	243	0.62	
35	24.52	10.29	243	0.47	
40	23.77	11.43	243	0.44	
45	23.03	12.51	240	0.39	
50	22.69	13.36	240	0.28	
52	22.22	13.93	240	0.28	

PX-2 28 June 52		0300 EST Depth 58'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.25	8.96	211	0.80	
5	28.25	8.96	226	0.69	
10	28.07	9.06	226	0.56	
15	27.53	9.21	226	0.44	
20	27.12	9.32	232	0.47	
25	26.81	9.35	233	0.59	
30	25.34	9.96	236	0.47	
35	25.10	10.13	236	0.47	
40	24.90	10.28	216	0.44	
45	24.10	11.43	217	0.44	
50	22.85	13.70	217	0.34	
55	22.55	14.15	217	0.28	

PX-2 28 June 52		0501 EST Depth 58'		Weather 01 Wind S-3 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.00	8.90	233	0.59	
5	28.05	8.91	233	0.62	
10	28.02	8.91	233	0.62	
15	27.99	8.92	233	0.59	
20	27.25	8.97	236	0.59	
25	25.51	9.61	241	0.56	
30	25.13	9.90	256	0.47	
35	24.75	10.20	239	0.28	
40	24.56	10.52	230	0.22	
45	23.96	11.43	190	0.20	
50	22.61	13.59	237	0.14	
55	22.40	14.10	235	0.12	

PX-2 28 June 52		0600 EST Depth 58'		Weather 03 Wind SE-1 Air 26.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.91	8.89	259	0.16	
5	27.97	8.93	239	0.24	
10	27.97	8.93	229	0.30	
15	27.92	8.94	179	0.29	
20	27.26	9.02	181	0.29	
25	25.42	9.64	224	0.12	
30	25.27	9.78	0	0.00	
35	25.10	9.87	145	0.11	
40	24.68	10.32	166	0.15	
45	24.00	11.22	166	0.14	
50	23.05	13.08	245	0.09	
55	22.57	13.76	0	0.00	
57	22.55	13.82	--	--	

PX-2 28 June 52		0800 EST Depth 58'		Weather 03 Wind ENE-1 Air 28.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.30	9.25	092	0.61	
5	27.00	9.31	106	0.63	
10	26.83	9.34	102	0.61	
15	26.74	9.37	092	0.57	
20	26.47	9.45	045	0.38	
25	25.50	9.82	045	0.45	
30	25.38	9.92	070	0.46	
35	24.93	10.15	065	0.48	
40	23.91	11.18	045	0.52	
45	23.54	11.93	0	0.00	
50	22.42	13.90	0	0.00	
55	22.20	14.27	0	0.00	

PX-2 28 June 52		0700 EST Depth 58'		Weather 03 Wind ENE-1 Air 26.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.37	9.01	0	0.00	
5	27.11	9.08	0	0.00	
10	26.70	9.17	0	0.00	
15	26.45	9.24	108	0.29	
20	25.42	9.60	105	0.36	
25	25.22	9.67	106	0.29	
30	25.07	9.74	091	0.29	
35	24.50	10.04	107	0.22	
40	24.02	10.69	043	0.38	
45	23.56	11.59	019	0.38	
50	22.67	13.09	247	0.22	
55	22.26	13.68	198	0.22	

PX-2 28 June 52		0900 EST Depth 58'		Weather 03 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.70	9.22	095	0.69	
5	26.36	9.32	089	0.53	
10	26.04	9.42	065	0.55	
15	26.00	9.45	061	0.45	
20	25.91	9.55	043	0.46	
25	25.76	9.68	058	0.52	
30	24.38	10.11	079	0.53	
35	23.98	10.50	082	0.55	
40	23.79	10.68	077	0.53	
45	22.51	13.01	027	0.22	
50	21.93	14.10	036	0.29	
55	21.80	14.26	024	0.22	

PX-2 28 June 52		1000 EST Depth 58'		Weather 03 Wind E-1 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.20	9.09	066	0.36	
5	26.97	9.26	071	0.55	
10	26.76	9.28	066	0.53	
15	26.57	9.32	081	0.53	
20	26.27	9.34	080	0.53	
25	25.24	9.55	079	0.58	
30	24.51	9.92	064	0.60	
35	24.07	10.29	060	0.60	
40	22.75	12.28	0	0.00	
45	21.96	13.89	230	0.46	
50	21.77	14.12	230	0.57	
55	21.63	14.32	229	0.46	

PX-2 28 June 52		1200 EST Depth 58'		Weather 03 Wind E-1 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.79	9.23	103	0.09	
5	27.32	9.24	101	0.11	
10	26.57	9.34	092	0.26	
15	26.24	9.40	093	0.43	
20	25.74	9.53	093	0.43	
25	25.12	9.68	043	0.41	
30	24.35	10.07	103	0.31	
35	26.69	11.04	0	0.00	
40	22.71	12.60	202	0.38	
45	21.97	13.74	201	0.45	
50	21.82	14.22	193	0.18	
55	21.52	14.71	0	0.00	

PX-2 28 June 52		1100 EST Depth 58'		Weather 03 Wind E-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.90	9.05	084	0.36	
5	27.27	9.16	077	0.55	
10	27.06	9.27	071	0.55	
15	26.66	9.29	076	0.60	
20	26.36	9.32	071	0.53	
25	25.61	9.55	066	0.58	
30	24.67	9.81	066	0.58	
35	23.32	11.37	0	0.00	
40	22.40	13.02	206	0.38	
45	22.18	13.54	207	0.45	
50	21.70	14.33	203	0.53	
55	21.57	14.51	208	0.55	

PX-2 28 June 52		1300 EST Depth 58'		Weather 03 Wind E-1 Air 29.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.74	9.08	203	0.59	
5	27.68	9.09	203	0.44	
10	27.59	9.12	204	0.15	
15	27.37	9.19	109	0.14	
20	26.79	9.29	099	0.19	
25	24.87	9.73	109	0.14	
30	24.32	10.13	304	0.14	
35	24.14	10.49	209	0.17	
40	23.16	11.99	204	0.19	
45	22.32	13.33	199	0.14	
50	21.61	14.55	0	0.00	
55	--	--	0	0.00	

PX-2 28 June 52		1400 EST Depth 58'		Weather 03 Wind E-1 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.68	9.02	223	0.82	
5	27.66	9.02	226	0.82	
10	27.27	9.07	223	0.50	
15	26.99	9.18	208	0.11	
20	26.47	9.33	0	0.00	
25	24.83	9.78	223	0.12	
30	24.42	9.95	230	0.17	
35	23.76	10.78	229	0.20	
40	23.42	11.57	233	0.27	
45	22.46	13.05	235	0.32	
50	21.68	14.24	233	0.19	
55	--	--	0	0.00	

PX-2 28 June 52		1600 EST Depth 58'		Weather 03 Wind NE-1 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	29.00	9.00	226	0.87	
5	28.86	9.07	225	0.71	
10	28.78	9.10	235	0.59	
15	28.60	9.12	242	0.66	
20	28.34	9.12	238	0.62	
25	26.47	9.42	233	0.39	
30	25.44	9.64	232	0.56	
35	24.66	10.33	232	0.56	
40	24.18	11.10	231	0.52	
45	23.71	11.75	229	0.44	
50	22.99	12.99	227	0.39	
55	22.28	14.16	0	0.00	

PX-2 28 June 52		1500 EST Depth 58'		Weather 05 Wind ENE-2 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.05	8.96	225	1.13	
5	27.61	8.92	225	0.92	
10	28.30	8.92	225	0.77	
15	26.60	9.25	237	0.65	
20	25.97	9.46	238	0.38	
25	24.81	9.80	228	0.26	
30	24.46	10.00	228	0.22	
35	23.88	10.67	238	0.36	
40	23.16	11.82	248	0.43	
45	23.63	12.57	226	0.43	
50	22.71	14.20	235	0.34	
60	--	--	225	0.31	

PX-4 26 June 52		1711 EST Depth 60'		Weather 01 Wind NW-1 Air 38.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.10	9.11	293	0.11	
5	27.15	9.10	230	0.21	
10	25.51	9.37	263	0.21	
15	25.25	9.50	286	0.21	
20	24.85	9.60	287	0.19	
25	24.75	9.65	127	0.11	
30	24.16	9.83	125	0.16	
35	24.10	9.85	124	0.21	
40	24.00	9.89	132	0.21	
45	23.97	9.92	121	0.21	
50	23.85	10.02	125	0.16	
55	23.56	10.42	120	0.09	
60	22.28	12.33	--	--	

PX-4 26 June 52		1900 EST Depth 60'		Weather 01 Wind SW-1 Air 32.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.27	9.42	090	0.52	
5	26.32	9.45	128	0.56	
10	26.07	9.52	137	0.69	
15	26.00	9.53	148	0.74	
20	25.22	9.59	144	0.66	
25	25.02	9.64	128	0.44	
30	24.50	9.76	128	0.34	
35	23.98	9.94	130	0.34	
40	23.68	10.09	138	0.52	
45	23.56	10.20	140	0.47	
50	23.45	10.32	140	0.47	
55	23.28	10.60	164	0.28	
58	22.49	11.86	--	--	

PX-4 26 June 52		1800 EST Depth 60'		Weather 01 Wind W-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.01	9.14	0	0.00	
5	27.06	9.23	196	0.30	
10	25.92	9.27	118	0.12	
15	24.78	9.52	120	0.20	
20	24.46	9.71	160	0.24	
25	24.41	9.73	170	0.28	
30	24.41	9.73	155	0.28	
35	24.16	9.83	125	0.24	
40	23.87	9.97	110	0.19	
45	23.82	10.02	099	0.12	
50	23.77	10.05	0	0.00	
55	23.22	10.92	221	0.11	
60	22.35	12.31	--	--	

PX-4 26 June 52		2000 EST Depth 60'		Weather 01 Wind SW-1 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.61	9.33	104	0.52	
5	26.60	9.33	119	0.44	
10	26.55	9.34	125	0.69	
15	25.52	9.57	137	0.69	
20	24.35	9.75	133	0.66	
25	24.07	9.83	134	0.59	
30	24.07	9.84	132	0.56	
35	24.00	9.85	123	0.52	
40	23.69	10.01	122	0.47	
45	23.70	10.05	114	0.44	
50	23.68	10.11	117	0.44	
55	23.71	11.05	113	0.34	

PX-4 26 June 52		2100 EST Depth 60'		Weather 01 Wind W-1 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.54	9.33	096	0.52	
5	26.55	9.42	151	0.62	
10	25.56	9.48	139	0.52	
15	25.33	9.56	149	0.56	
20	24.22	9.75	138	0.44	
25	24.09	9.82	128	0.44	
30	24.00	9.84	130	0.39	
35	23.90	9.87	135	0.39	
40	23.82	9.92	135	0.39	
45	23.77	9.95	129	0.39	
50	23.40	10.28	099	0.28	
55	22.61	11.62	0	0.00	

PX-4 26 June 52		2300 EST Depth 60'		Weather 01 Wind 0 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.67	9.12	--	--	
5	26.80	9.10	--	--	
10	26.55	9.16	206	0.87	
15	25.87	9.37	206	0.47	
20	25.40	9.48	201	0.44	
25	24.36	9.77	194	0.47	
30	24.02	9.90	180	0.44	
35	23.96	9.93	181	0.18	
40	23.91	9.96	0	0.00	
45	23.87	9.97	0	0.00	
50	23.63	10.12	0	0.00	
55	23.25	10.62	306	0.22	

PX-4 26 June 52		2200 EST Depth 60'		Weather 01 Wind W-1 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.68	9.08	--	--	
5	26.67	9.08	--	--	
10	24.45	9.21	166	0.97	
15	24.60	9.67	167	0.77	
20	24.52	9.72	162	0.69	
25	24.37	9.77	162	0.46	
30	24.17	9.83	162	0.31	
35	23.91	9.92	163	0.26	
40	23.76	9.98	122	0.22	
45	23.76	9.98	122	0.22	
50	23.58	10.13	122	0.22	
55	23.07	10.83	0	0.00	

PX-4 27 June 52		0000 EST Depth 60'		Weather 01 Wind 0 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.69	9.27	--	--	
5	26.68	9.27	--	--	
10	26.37	9.36	270	0.63	
15	25.52	9.42	270	0.61	
20	24.91	9.49	270	0.46	
25	24.37	9.77	281	0.37	
30	24.25	9.80	283	0.30	
35	24.06	9.87	299	0.21	
40	23.88	9.96	299	0.11	
45	23.70	10.00	294	0.26	
50	23.63	10.11	294	0.27	
55	23.41	10.42	294	0.24	
58	23.26	10.60	--	--	

PX-4 27 June 52		0100 EST Depth 60'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.51	9.37	354	0.71	
5	26.22	9.45	268	0.77	
10	26.01	9.50	268	0.80	
15	25.80	9.52	268	0.62	
20	25.41	9.55	268	0.62	
25	24.82	9.67	268	0.59	
30	24.43	9.74	268	0.52	
35	24.12	9.83	268	0.39	
40	23.94	9.96	314	0.52	
45	23.81	9.98	304	0.59	
50	23.80	9.98	304	0.66	
55	23.68	10.08	304	0.69	
58	23.59	10.16	--	--	

PX-4 27 June 52		0300 EST Depth 60'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.45	9.27	--	--	
5	26.45	9.27	--	--	
10	26.35	9.28	284	0.28	
15	25.97	9.34	284	0.34	
20	24.87	9.64	284	0.52	
25	24.40	9.71	314	0.52	
30	24.37	9.72	314	0.52	
35	24.17	9.85	314	0.52	
40	24.12	9.86	314	0.56	
45	24.09	9.87	314	0.62	
50	24.01	9.90	314	0.62	
55	23.90	9.96	314	0.52	
60	23.16	10.77	--	--	

PX-4 27 June 52		0200 EST Depth 60'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.27	9.23	--	--	
5	26.28	9.23	--	--	
10	26.26	9.24	281	0.69	
15	26.21	9.35	281	0.77	
20	25.81	9.52	280	0.56	
25	25.17	9.57	280	0.52	
30	24.38	9.77	280	0.52	
35	24.18	9.85	281	0.56	
40	24.02	9.90	281	0.66	
45	24.02	9.90	281	0.52	
50	23.97	9.95	281	0.71	
55	23.76	10.07	280	0.71	
60	22.87	11.17	--	--	

PX-4 27 June 52		0400 EST Depth 60'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.95	9.35	--	--	
5	25.97	9.34	--	--	
10	25.95	9.33	283	0.34	
15	25.70	9.38	283	0.28	
20	25.46	9.52	283	0.34	
25	24.81	9.67	283	0.44	
30	24.57	9.74	328	0.34	
35	24.55	9.75	328	0.39	
40	24.49	9.76	328	0.47	
45	24.25	9.83	283	0.47	
50	23.22	10.78	283	0.34	
55	23.03	11.12	283	0.28	
60	22.90	11.45	--	--	

PX-4 27 June 52		0500 EST Depth 60'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.60	9.33	--	--	
5	26.60	9.33	--	--	
10	26.26	9.35	284	0.18	
15	26.01	9.40	284	0.22	
20	25.38	9.57	284	0.29	
25	24.95	9.63	284	0.26	
30	24.95	9.65	284	0.31	
35	24.65	9.74	284	0.31	
40	24.38	9.84	284	0.29	
45	23.82	10.35	284	0.26	
50	23.66	10.49	0	0.00	
55	23.49	10.73	0	0.00	
59	23.17	11.31	--	--	

PX-4 27 June 52		0705 EST Depth 59'		Weather 01 Wind NWN-1 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.10	9.35	149	0.61	
5	25.82	9.44	150	0.52	
10	25.75	9.46	140	0.52	
15	25.66	9.49	128	0.28	
20	25.47	9.57	118	0.24	
25	24.95	9.67	095	0.26	
30	24.76	9.72	115	0.25	
35	24.62	9.76	125	0.24	
40	24.34	9.87	127	0.21	
45	24.25	9.95	128	0.12	
50	24.06	10.07	128	0.00	
55	23.26	10.86	0	0.00	

PX-4 27 June 52		0600 EST Depth 60'		Weather 01 Wind 0 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.60	9.32	189	0.14	
5	25.98	9.58	198	0.20	
10	25.21	9.60	257	0.15	
15	25.02	9.65	0	0.00	
20	24.99	9.66	0	0.00	
25	24.78	9.72	0	0.00	
30	24.72	9.75	0	0.00	
35	24.67	9.76	182	0.11	
40	24.22	9.97	178	0.11	
45	24.20	10.01	0	0.00	
50	24.18	10.03	0	0.00	
55	23.21	11.03	0	0.00	

PX-4 27 June 52		0800 EST Depth 58'		Weather 01 Wind NW-1 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.65	9.33	122	0.57	
5	26.40	9.33	122	0.53	
10	25.87	9.46	123	0.45	
15	25.62	9.54	120	0.57	
20	25.05	9.69	142	0.67	
25	24.95	9.72	131	0.60	
30	24.54	9.83	132	0.55	
35	24.35	9.91	132	0.46	
40	24.05	10.08	113	0.38	
45	23.94	10.15	119	0.29	
50	23.53	10.50	0	0.00	
55	23.12	11.13	0	0.00	

PX-4 27 June 52		0900 EST Depth 58'		Weather 01 Wind N-1 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.87	9.33	148	0.72	
5	26.02	9.38	118	0.69	
10	25.68	9.46	090	0.57	
15	25.43	9.54	118	0.45	
20	25.12	9.61	145	0.41	
25	24.82	9.70	153	0.38	
30	24.52	9.80	102	0.43	
35	24.29	9.88	093	0.43	
40	24.10	9.99	067	0.43	
45	23.97	10.11	052	0.36	
50	23.77	10.27	048	0.29	
55	23.22	10.95	0	0.00	

PX-4 27 June 52		1043 EST Depth 58'		Weather 01 Wind NE-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.80	9.25	158	1.13	
5	26.22	9.29	158	0.87	
10	25.15	9.62	159	0.77	
15	24.67	9.79	159	0.70	
20	24.44	9.87	160	0.70	
25	24.24	9.97	160	0.58	
30	24.20	10.03	160	0.52	
35	24.20	10.02	160	0.47	
40	24.19	10.02	159	0.44	
45	24.12	10.02	159	0.34	
50	24.07	10.06	158	0.34	
55	23.33	10.85	158	0.34	

PX-4 27 June 52		1000 EST Depth 58'		Weather 01 Wind NNE-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.60	9.30	162	1.13	
5	26.42	9.32	162	1.01	
10	25.46	9.63	151	0.50	
15	25.00	9.73	121	0.46	
20	24.91	9.76	101	0.52	
25	24.91	9.76	101	0.46	
30	24.85	9.77	101	0.45	
35	24.37	9.93	080	0.38	
40	24.25	9.99	074	0.38	
45	23.90	10.17	069	0.29	
50	23.55	10.56	0	0.00	
55	23.06	11.41	0	0.00	

PX-4 27 June 52		1200 EST Depth 58'		Weather 05 Wind NE-1 Air 31.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.09	9.11	156	1.04	
5	26.86	9.13	166	0.97	
10	26.45	9.23	171	0.71	
15	25.27	9.56	172	0.52	
20	24.62	9.82	166	0.66	
25	24.25	9.97	161	0.62	
30	24.16	10.05	161	0.52	
35	24.11	10.09	167	0.44	
40	24.06	10.12	157	0.28	
45	24.05	10.12	157	0.28	
50	23.51	10.05	0	0.00	
55	23.21	11.10	0	0.00	

PX-4 27 June 52		1300 EST Depth 58'		Weather 05 Wind NE-1 Air 36.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.30	9.25	0	0.00	
5	27.25	9.27	0	0.00	
10	27.02	9.41	0	0.00	
15	25.80	9.48	257	0.28	
20	25.23	9.60	0	0.00	
25	24.61	9.82	0	0.00	
30	24.12	10.06	274	0.44	
35	23.96	10.19	273	0.44	
40	23.82	10.27	273	0.39	
45	23.73	10.40	266	0.34	
50	23.60	10.57	286	0.34	
55	23.28	11.11	304	0.47	

PX-4 27 June 52		1500 EST Depth 58'		Weather 05 Wind NE-1 Air 37.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.00	9.40	--	--	
5	28.03	9.40	--	--	
10	28.05	9.40	290	0.85	
15	27.40	9.42	290	0.82	
17½	25.97	9.53	--	--	
20	24.93	9.72	290	0.85	
25	24.72	9.77	295	0.82	
30	24.60	9.80	295	0.80	
35	24.60	9.80	295	0.82	
40	24.47	9.83	294	0.82	
45	24.34	9.92	300	0.85	
49	23.08	11.61	--	--	
50	22.21	12.97	300	0.77	
55	22.05	13.19	295	0.66	

PX-4 27 June 52		1400 EST Depth 58'		Weather 05 Wind NE-1 Air 40.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.63	9.27	0	0.00	
5	27.52	9.30	0	0.00	
10	27.45	9.30	248	0.62	
15	26.77	9.41	258	0.82	
20	26.20	9.49	263	0.77	
25	24.81	9.70	263	0.62	
30	24.53	9.85	268	0.66	
35	24.16	10.00	273	0.69	
40	23.87	10.19	273	0.69	
45	23.71	10.27	278	0.69	
50	23.68	10.44	288	0.71	
52½	23.60	10.70	--	--	
55	21.88	13.60	278	0.52	

PX-4 27 June 52		1600 EST Depth 58'		Weather 05 Wind NE-1 Air 33.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.30	9.43	263	0.74	
5	28.05	9.42	261	0.71	
10	27.86	9.40	275	0.69	
15	26.31	9.40	261	0.66	
20	25.43	9.57	268	0.62	
25	25.20	9.63	279	0.62	
30	25.00	9.68	288	0.59	
35	24.92	9.72	297	0.56	
40	24.85	9.74	305	0.47	
45	24.60	9.81	309	0.47	
49	23.54	10.60	--	--	
50	22.17	12.88	308	0.39	
55	22.11	13.11	267	0.28	

PX-8 26 June 52		1800 EST Depth 53'		Weather 00 Wind 0 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.16	8.68	130	0.55	
5	27.46	8.84	131	0.41	
10	25.21	9.45	043	0.14	
15	24.05	9.81	043	0.14	
20	23.71	9.90	043	0.14	
25	23.71	9.91	044	0.11	
30	24.00	9.85	0	0.00	
35	23.67	9.93	0	0.00	
40	23.59	9.95	0	0.00	
45	23.53	9.98	0	0.00	
50	23.50	10.00	139	0.09	
52	23.47	10.02	--	--	

PX-8 26 June 52		2000 EST Depth 52'		Weather 00 Wind NW-1 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.22	8.45	135	0.81	
5	27.92	8.59	133	0.81	
10	27.73	8.74	136	0.50	
15	23.71	9.87	126	0.36	
20	23.58	9.93	137	0.34	
25	23.50	9.98	142	0.29	
30	23.50	9.98	142	0.31	
35	23.50	9.98	137	0.29	
40	23.49	9.99	137	0.29	
45	23.49	9.99	137	0.29	
50	23.46	10.00	135	0.29	
52	23.46	10.00	--	--	

PX-8 26 June 52		1900 EST Depth 53'		Weather 00 Wind 0 Air 33.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.37	8.48	146	0.60	
5	28.22	8.67	146	0.52	
10	24.98	9.43	136	0.19	
15	23.81	9.87	136	0.14	
20	23.70	9.90	136	0.11	
25	23.60	9.93	141	0.20	
30	23.54	9.96	146	0.16	
35	23.53	9.97	146	0.15	
40	23.50	9.99	146	0.16	
45	23.48	10.00	136	0.14	
50	23.47	10.00	136	0.12	
52	23.46	10.02	--	--	

PX-8 26 June 52		2100 EST Depth 43'		Weather 00 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.06	8.48	138	0.66	
5	27.64	8.58	139	0.70	
10	27.40	8.67	139	0.58	
15	23.71	9.86	141	0.43	
20	23.67	9.87	140	0.34	
25	23.59	9.89	140	0.26	
30	23.56	9.91	139	0.31	
35	23.49	9.95	137	0.31	
40	23.47	9.96	127	0.36	
45	23.46	9.97	--	--	
50	23.43	9.98	--	--	
52	23.44	10.00	--	--	

PX-8 26 June 52		2200 EST Depth 45'		Weather 00 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.25	8.43	126	0.58	
5	27.92	8.55	120	0.60	
10	26.18	9.05	180	0.34	
15	24.36	9.64	181	0.22	
20	23.85	9.83	171	0.34	
25	23.66	9.85	141	0.36	
30	23.63	9.88	136	0.36	
35	23.57	9.93	136	0.31	
40	23.50	9.95	136	0.29	
45	23.46	9.96	--	--	
50	23.46	9.96	--	--	
52	23.47	9.96	--	--	

PX-8 27 June 52		0000 EST Depth 52'		Weather 01 Wind 0 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.05	8.37	0	0.00	
5	27.91	8.47	0	0.00	
10	25.77	9.11	0	0.00	
15	24.88	9.47	341	0.15	
20	23.98	9.77	341	0.15	
25	23.73	9.81	341	0.12	
30	23.62	9.85	0	0.00	
35	23.56	9.87	0	0.00	
40	23.48	9.92	0	0.00	
45	23.47	9.94	351	0.12	
50	--	--	350	0.16	
52	23.46	9.95	--	--	

PX-8 26 June 52		2300 EST Depth 52'		Weather 00 Wind 0 Air 29.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.10	8.42	136	0.45	
5	26.98	8.74	136	0.48	
10	24.68	9.55	0	0.00	
15	23.85	9.78	0	0.00	
20	23.73	9.82	0	0.00	
25	23.62	9.85	139	0.09	
30	23.59	9.87	139	0.14	
35	23.56	9.89	139	0.14	
40	23.46	9.95	140	0.14	
45	23.46	9.96	140	0.12	
50	23.46	9.96	141	0.00	
52	23.46	9.96	--	--	

PX-8 27 June 52		0100 EST Depth 52'		Weather 01 Wind 0 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.13	8.49	320	0.19	
5	26.67	8.78	328	0.20	
10	25.51	9.25	348	0.26	
15	24.26	9.66	349	0.32	
20	24.03	9.77	359	0.29	
25	23.71	9.83	351	0.31	
30	23.67	9.85	340	0.30	
35	23.58	9.88	330	0.25	
40	23.58	9.88	331	0.24	
45	23.52	9.93	331	0.27	
50	--	--	321	0.29	
52	23.49	9.94	--	--	

PX-8 27 June 52		0200 EST Depth 52'		Weather 01 Wind NW-2 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.88	8.43	334	0.59	
5	27.60	8.67	335	0.88	
10	26.33	9.02	325	0.77	
15	26.00	9.10	318	0.43	
20	23.84	9.80	329	0.43	
25	23.62	9.92	320	0.38	
30	23.54	9.92	323	0.38	
35	23.56	9.92	325	0.38	
40	23.51	9.95	337	0.36	
45	23.48	9.97	325	0.29	
50	--	--	325	0.29	
52	23.46	9.96	--	--	

PX-8 27 June 52		0400 EST Depth 53'		Weather 00 Wind NW-2 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.84	8.59	323	0.28	
5	25.47	9.37	328	0.45	
10	25.03	9.52	327	0.45	
15	24.49	9.68	328	0.53	
20	23.81	9.90	328	0.53	
25	23.63	9.95	333	0.45	
30	23.59	9.97	333	0.45	
35	23.54	9.98	329	0.45	
40	23.53	9.98	323	0.40	
45	23.53	9.98	318	0.40	
50	23.53	9.99	319	0.40	
52	23.53	9.99	--	--	

PX-8 27 June 52		0300 EST Depth 52'		Weather 01 Wind NW-2 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.94	8.58	313	0.40	
5	27.49	8.83	324	0.48	
10	25.34	9.42	343	0.60	
15	24.24	9.77	344	0.79	
20	23.83	9.83	345	0.76	
25	23.75	9.86	346	0.64	
30	23.62	9.89	348	0.57	
35	23.56	9.96	349	0.48	
40	23.49	10.00	339	0.45	
45	23.47	10.01	359	0.40	
50	--	--	360	0.40	
52	23.46	10.02	--	--	

PX-8 27 June 52		0500 EST Depth 53'		Weather 02 Wind NW-2 Air 28.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.57	8.65	0	0.00	
5	27.44	8.70	045	0.14	
10	25.14	9.55	358	0.22	
15	24.27	9.78	358	0.28	
20	24.05	9.87	358	0.50	
25	23.94	9.87	358	0.53	
30	23.84	9.91	358	0.28	
35	23.72	9.94	339	0.23	
40	23.55	10.02	309	0.21	
45	23.43	10.16	304	0.21	
50	23.33	10.25	308	0.21	
53	23.33	10.25	--	--	

PX-8 27 June 52		0600 EST Depth 53'		Weather 02 Wind NW-2 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.60	8.55	126	0.41	
5	27.14	8.78	126	0.26	
10	25.34	9.54	355	0.29	
15	24.38	9.83	000	0.38	
20	23.99	9.93	000	0.38	
25	23.94	9.93	350	0.31	
30	23.86	9.96	000	0.09	
35	23.62	10.02	0	0.00	
40	23.43	10.19	250	0.11	
45	23.41	10.22	250	0.09	
50	23.33	10.25	0	0.00	
52	23.35	10.27	--	--	

PX-8 27 June 52		0800 EST Depth 52'		Weather 00 Wind NW-1 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.74	8.70	136	0.76	
5	27.59	8.73	136	0.63	
10	27.48	8.76	137	0.52	
15	24.05	9.78	138	0.26	
20	23.70	9.96	148	0.29	
25	23.65	9.98	173	0.29	
30	23.63	9.99	168	0.29	
35	23.60	10.00	173	0.29	
40	23.56	10.01	162	0.29	
45	23.52	10.03	143	0.22	
50	23.49	10.05	142	0.31	
52	23.44	10.08	--	--	

PX-8 27 June 52		0700 EST Depth 53'		Weather 02 Wind NW-2 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.44	8.63	117	0.40	
5	26.07	9.18	112	0.35	
10	24.51	9.78	052	0.20	
15	23.92	9.90	057	0.15	
20	23.83	9.90	112	0.19	
25	23.75	9.95	152	0.12	
30	23.63	10.02	153	0.11	
35	23.53	10.09	208	0.14	
40	23.50	10.10	153	0.16	
45	23.44	10.12	143	0.14	
50	23.37	10.17	138	0.14	
52	23.31	10.20	--	--	

PX-8 27 June 52		0900 EST Depth 52'		Weather 00 Wind NNW-2 Air 31.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.76	8.49	145	0.69	
5	27.51	8.60	137	0.58	
10	27.10	8.83	136	0.57	
15	23.94	9.86	132	0.41	
20	23.77	9.91	146	0.31	
25	23.74	9.92	145	0.29	
30	23.69	9.94	145	0.31	
35	23.66	9.95	145	0.36	
40	23.60	9.96	130	0.41	
45	23.53	9.99	138	0.29	
50	23.52	9.99	135	0.26	
52	23.50	10.00	--	--	

PX-8 27 June 52		1000 EST Depth 52'		Weather 00 Wind N-2 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.93	8.48	150	0.75	
5	27.81	8.48	135	0.69	
10	27.31	8.60	130	0.58	
15	24.38	9.63	135	0.53	
20	24.07	9.82	155	0.41	
25	23.91	9.86	141	0.34	
30	23.84	9.87	150	0.36	
35	23.68	9.92	150	0.31	
40	23.52	9.97	144	0.31	
45	23.51	9.97	141	0.22	
50	23.52	9.97	140	0.26	

FX-8 27 June 52		1200 EST Depth 52'		Weather 01 Wind NW-2 Air 31.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.20	8.45	141	0.60	
5	27.70	8.49	140	0.41	
10	24.77	9.60	133	0.34	
15	24.24	9.71	142	0.12	
20	24.01	9.76	142	0.11	
25	23.96	9.82	133	0.14	
30	23.82	9.86	141	0.14	
35	23.78	9.88	144	0.14	
40	23.64	9.91	0	0.00	
45	23.53	9.93	0	0.00	
50	23.53	9.93	0	0.00	

PX-8 27 June 52		1100 EST Depth 52'		Weather 00 Wind N-2 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.88	8.46	144	0.60	
5	27.59	8.46	143	0.60	
10	25.59	9.22	108	0.60	
15	24.40	9.74	142	0.18	
20	24.03	9.82	138	0.26	
25	23.86	9.85	141	0.34	
30	23.76	9.89	146	0.36	
35	23.66	9.92	141	0.34	
40	23.52	9.97	136	0.29	
45	23.50	10.00	140	0.22	
50	23.50	10.00	146	0.18	

PX-8 27 June 52		1300 EST Depth 52'		Weather 01 Wind NW-2 Air 31.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.52	8.41	143	0.16	
5	28.14	8.43	121	0.17	
10	26.23	9.10	071	0.16	
15	24.31	9.71	342	0.15	
20	24.12	9.77	342	0.14	
25	24.02	9.82	332	0.14	
30	24.06	9.83	331	0.16	
35	23.87	9.87	333	0.12	
40	23.75	9.90	0	0.00	
45	23.58	9.95	332	0.12	
50	23.54	9.96	343	0.14	

PX-8 27 June 52		1400 EST Depth 52'		Weather 01 Wind NW-2 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.98	8.45	0	0.00	
5	28.63	8.50	341	0.17	
10	25.91	9.21	339	0.41	
15	24.91	9.58	342	0.36	
20	24.32	9.77	321	0.29	
25	23.91	9.85	318	0.29	
30	23.73	9.88	319	0.36	
35	23.67	9.91	321	0.38	
40	23.52	10.00	333	0.34	
45	23.48	10.02	329	0.41	
50	23.47	10.02	328	0.29	

PX-8 27 June 52		1600 EST Depth 52'		Weather 13 Wind NW-1 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.96	8.49	316	0.22	
5	27.90	8.60	312	0.40	
10	25.46	9.45	336	0.53	
15	24.89	9.62	336	0.48	
20	24.10	9.89	337	0.53	
25	23.99	9.91	338	0.48	
30	23.88	9.95	338	0.53	
35	23.68	9.97	338	0.48	
40	23.55	10.09	328	0.40	
45	23.47	10.13	330	0.28	
50	23.45	10.13	328	0.28	

PX-8 27 June 52		1500 EST Depth 52'		Weather 01 Wind NW-2 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	29.15	8.52	327	0.29	
5	28.69	8.43	328	0.41	
10	27.49	9.01	337	0.66	
15	25.22	9.50	336	0.79	
20	24.78	9.53	343	0.64	
25	24.08	9.80	346	0.45	
30	23.77	9.90	336	0.45	
35	23.64	9.93	336	0.40	
40	23.48	10.03	336	0.45	
45	23.43	10.10	327	0.45	
50	23.42	10.10	325	0.40	

PX-8 27 June 52		1700 EST Depth 52'		Weather 13 Wind NW-1 Air 31.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	28.58	8.55	329	0.29	
5	27.43	8.88	334	0.41	
10	25.50	8.95	334	0.50	
15	24.75	9.69	339	0.57	
20	24.05	9.90	339	0.45	
25	23.83	9.99	334	0.48	
30	23.61	10.08	334	0.43	
35	23.57	10.15	334	0.41	
40	23.32	10.50	324	0.41	
45	23.22	10.58	324	0.34	
50	23.22	10.58	324	0.34	
51	23.23	10.59	--	--	

PX-12 25 June 52		1600 EST Depth 59'		Weather 02 Wind W-2 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.17	8.75	288	0.18	
5	26.12	8.77	275	0.22	
10	25.32	8.83	275	0.22	
15	24.52	8.90	266	0.26	
20	23.96	9.23	272	0.26	
25	23.78	9.39	265	0.52	
30	23.72	9.43	263	0.56	
35	23.69	9.45	288	0.47	
40	23.65	9.48	295	0.47	
45	23.57	9.59	297	0.37	
50	23.54	9.67	318	0.47	
55	23.53	9.68	318	0.47	

PX-12 25 June 52		1810 EST Depth 58'		Weather 01 Wind 0 Air 35.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.80	8.05	109	0.53	
5	26.70	8.07	107	0.43	
10	24.31	8.97	108	0.22	
15	23.91	9.23	108	0.26	
20	23.65	9.45	108	0.29	
25	23.56	9.55	109	0.26	
30	23.54	9.56	109	0.26	
35	23.51	9.65	110	0.29	
40	23.50	9.65	110	0.31	
45	23.47	9.67	110	0.31	
50	23.46	9.69	110	0.31	
55	23.45	9.71	110	0.29	
60	--	--	110	0.29	

PX-12 25 June 52		1700 EST Depth 59'		Weather 02 Wind SW-1 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.40	8.57	0	0.00	
5	24.92	8.85	188	0.11	
10	24.03	9.14	257	0.21	
15	23.75	9.40	252	0.24	
20	23.58	9.55	265	0.21	
25	23.54	9.64	288	0.21	
30	23.50	9.68	293	0.20	
35	23.49	9.72	294	0.21	
40	23.49	9.72	294	0.20	
45	23.49	9.72	296	0.20	
50	23.47	9.73	0	0.00	
55	23.45	9.73	245	0.09	

PX-12 25 June 52		1902 EST Depth 58'		Weather 01 Wind 0 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.76	8.04	118	0.57	
5	26.26	8.21	118	0.57	
10	25.00	8.93	118	0.38	
15	24.15	9.07	118	0.45	
20	24.12	9.14	118	0.43	
25	23.94	9.24	118	0.45	
30	23.56	9.59	118	0.43	
35	23.51	9.62	118	0.48	
40	23.50	9.65	123	0.50	
45	23.45	9.67	118	0.50	
50	23.44	9.70	113	0.52	
55	23.44	9.70	108	0.48	

PX-12 25 June 52		2000 EST Depth 58'		Weather 01 Wind 0 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.55	8.05	117	0.46	
5	26.10	8.05	107	0.45	
10	25.87	8.19	107	0.45	
15	23.37	8.56	107	0.45	
20	24.10	9.00	117	0.50	
25	24.02	9.12	113	0.53	
30	23.72	9.37	113	0.55	
35	23.60	9.48	113	0.55	
40	23.50	9.60	112	0.53	
45	23.45	9.64	106	0.67	
50	23.45	9.65	105	0.69	
55	23.44	9.65	106	0.67	

PX-12 25 June 52		2200 EST Depth 58'		Weather 01 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.92	8.10	115	0.34	
5	26.85	8.11	115	0.34	
10	25.70	8.15	115	0.34	
15	25.19	8.47	115	0.34	
20	25.04	8.63	115	0.34	
25	24.25	8.92	115	0.39	
30	23.78	9.31	103	0.56	
35	23.60	9.42	103	0.47	
40	23.47	9.56	102	0.47	
45	23.45	9.56	102	0.47	
50	23.44	9.57	103	0.52	
55	23.42	9.57	103	0.39	

PX-12 25 June 52		2100 EST Depth 58'		Weather 01 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.07	8.11	116	0.44	
5	25.87	8.11	116	0.44	
10	25.34	8.47	116	0.39	
15	25.21	8.55	116	0.39	
20	24.78	8.68	117	0.47	
25	24.20	8.97	116	0.47	
30	24.19	9.00	116	0.59	
35	23.54	9.56	116	0.66	
40	23.52	9.56	116	0.66	
45	23.47	9.62	115	0.59	
50	23.45	9.63	116	0.62	
55	23.44	9.63	116	0.47	

PX-12 25 June 52		2315 EST Depth 58'		Weather 01 Wind 0 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.45	7.88	111	0.19	
5	25.57	8.05	110	0.15	
10	24.37	8.92	0	0.00	
15	24.03	9.08	288	0.14	
20	23.69	9.33	0	0.00	
25	23.51	9.34	058	0.12	
30	23.50	9.37	103	0.15	
35	23.45	9.41	108	0.15	
40	23.44	9.49	108	0.14	
45	23.37	9.59	108	0.12	
50	23.34	9.63	0	0.00	
55	23.27	9.69	--	--	

PX-12		0000 EST		Weather 01	
26 June 52		Depth 58'		Wind 0 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.55	7.88	0	0.00	
5	25.47	8.10	280	0.09	
10	25.12	8.57	300	0.14	
15	23.79	9.11	320	0.19	
20	23.52	9.43	300	0.25	
25	23.49	9.55	290	0.26	
30	23.47	9.57	290	0.20	
35	23.46	9.60	300	0.22	
40	23.46	9.60	300	0.26	
45	23.45	9.62	300	0.28	
50	23.44	9.63	310	0.27	
55	23.44	9.65	320	0.31	

PX-12		0200 EST		Weather 01	
26 June 52		Depth 56'		Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.50	7.96	259	0.34	
5	26.10	8.70	289	0.47	
10	24.18	9.11	294	0.66	
15	23.78	9.34	299	0.69	
20	23.75	9.40	304	0.77	
25	23.60	9.51	304	0.77	
30	23.55	9.55	304	0.74	
35	23.45	9.67	305	0.71	
40	23.44	9.68	305	0.66	
45	23.44	9.68	305	0.69	
50	23.44	9.68	305	0.62	
55	23.41	9.70	305	0.66	

PX-12		0100 EST		Weather 01	
26 June 52		Depth 56'		Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.23	8.04	0	0.00	
5	24.97	8.74	290	0.58	
10	23.94	9.28	272	0.55	
15	23.70	9.41	282	0.55	
20	23.64	9.45	282	0.55	
25	23.50	9.58	292	0.58	
30	23.47	9.62	293	0.64	
35	23.44	9.65	298	0.63	
40	23.41	9.70	305	0.69	
45	23.39	9.73	305	0.66	
50	23.37	9.73	310	0.63	
55	23.37	9.73	305	0.61	

PX-12		0300 EST		Weather 01	
26 June 52		Depth 56'		Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.66	8.45	328	0.44	
5	25.25	8.71	298	0.47	
10	24.71	8.85	298	0.52	
15	24.36	9.05	298	0.56	
20	24.26	9.10	298	0.59	
25	23.85	9.33	298	0.62	
30	23.56	9.58	298	0.62	
35	23.54	9.58	298	0.59	
40	23.52	9.60	298	0.59	
45	23.50	9.62	298	0.59	
50	23.45	9.71	309	0.59	
55	23.42	9.73	309	0.56	

PX-12 26 June 52		0400 EST Depth 56'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.75	8.46	297	0.34	
5	25.19	8.66	297	0.56	
10	24.80	8.83	297	0.47	
15	24.12	9.19	297	0.47	
20	23.78	9.43	297	0.52	
25	23.75	9.44	297	0.56	
30	23.67	9.49	297	0.56	
35	23.64	9.52	297	0.47	
40	23.59	9.55	297	0.47	
45	23.52	9.62	298	0.47	
50	23.47	9.71	298	0.47	
55	23.47	9.71	298	0.44	

PX-12 26 June 52		0600 EST Depth 57'		Weather 01 Wind W-1 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.89	8.31	081	0.11	
5	25.75	8.46	151	0.21	
10	25.50	8.72	193	0.12	
15	24.10	9.33	0	0.00	
20	23.71	9.52	0	0.00	
25	23.57	9.65	0	0.00	
30	23.53	9.70	041	0.11	
35	23.52	9.71	080	0.12	
40	23.51	9.72	090	0.12	
45	23.50	9.72	116	0.14	
50	23.49	9.72	121	0.16	
55	23.46	9.73	132	0.17	

PX-12 26 June 52		0500 EST Depth 56'		Weather 01 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.84	8.43	262	0.09	
5	25.40	8.63	262	0.14	
10	24.77	9.02	263	0.20	
15	24.16	9.20	266	0.21	
20	23.72	9.44	266	0.20	
25	23.61	9.55	277	0.19	
30	23.55	9.65	297	0.21	
35	23.51	9.71	312	0.20	
40	23.51	9.71	312	0.20	
45	23.50	9.72	317	0.17	
50	23.47	9.72	317	0.14	
55	23.46	9.73	265	0.11	

PX-12 26 June 52		0700 EST Depth 57'		Weather 01 Wind N-1 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.00	8.37	110	0.36	
5	26.02	8.37	140	0.52	
10	25.40	8.57	100	0.45	
15	24.25	9.19	085	0.38	
20	24.06	9.29	095	0.36	
25	23.80	9.42	095	0.29	
30	23.72	9.47	100	0.31	
35	23.71	9.48	100	0.41	
40	23.57	9.65	110	0.41	
45	23.52	9.69	110	0.43	
50	23.49	9.73	110	0.43	
55	23.47	9.74	110	0.41	

PX-12 26 June 52		0800 EST Depth 57'		Weather 01 Wind NW-1 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.27	8.01	143	0.55	
5	25.84	8.36	122	0.61	
10	24.73	8.92	127	0.61	
15	24.22	9.15	117	0.55	
20	23.95	9.29	111	0.50	
25	23.81	9.38	107	0.55	
30	23.56	9.58	102	0.61	
35	23.52	9.59	108	0.61	
40	23.50	9.62	114	0.63	
45	23.48	9.63	114	0.61	
50	23.47	9.64	115	0.53	
55	23.45	9.66	115	0.52	

PX-12 26 June 52		1000 EST Depth 57'		Weather 01 Wind NW-1 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.57	8.22	116	0.36	
5	26.06	8.30	115	0.38	
10	25.81	8.37	081	0.18	
15	25.12	8.70	072	0.26	
20	25.04	8.78	072	0.26	
25	24.60	8.93	086	0.26	
30	24.05	9.23	116	0.45	
35	23.94	9.29	116	0.50	
40	23.61	9.52	116	0.48	
45	23.54	9.59	116	0.53	
50	23.53	9.60	116	0.45	
55	23.51	9.62	115	0.45	

PX-12 26 June 52		0900 EST Depth 57'		Weather 01 Wind NW-1 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.24	8.13	116	0.46	
5	25.90	8.18	117	0.46	
10	25.35	8.70	097	0.18	
15	25.13	8.78	092	0.34	
20	24.82	8.88	086	0.36	
25	24.61	8.97	094	0.45	
30	24.15	9.23	105	0.55	
35	23.63	9.52	115	0.61	
40	23.60	9.53	116	0.63	
45	23.52	9.61	116	0.66	
50	23.50	9.62	110	0.63	
55	23.49	9.63	105	0.61	

PX-12 26 June 52		1104 EST Depth 57'		Weather 01 Wind NW-1 Air 32.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.73	8.10	100	0.46	
5	26.11	8.18	112	0.18	
10	25.62	8.28	107	0.29	
15	25.27	8.51	103	0.29	
20	24.35	8.95	113	0.26	
25	23.85	9.40	112	0.29	
30	23.62	9.52	106	0.31	
35	23.59	9.56	105	0.34	
40	23.56	9.57	110	0.29	
45	23.54	9.59	108	0.26	
50	23.53	9.60	109	0.22	
55	23.50	9.62	109	0.26	

PX-12 26 June 52		1200 EST Depth 57'		Weather 01 Wind NW-1 Air 36.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.35	8.12	043	0.21	
5	26.10	8.12	023	0.12	
10	25.31	8.37	298	0.16	
15	23.77	9.18	298	0.23	
20	23.63	9.43	299	0.22	
25	23.60	9.47	289	0.16	
30	23.60	9.48	289	0.14	
35	23.56	9.54	0	0.00	
40	23.54	9.56	0	0.00	
45	23.51	9.61	0	0.00	
50	23.47	9.65	0	0.00	
55	23.45	9.67	193	0.26	

PX-12 26 June 52		1402 EST Depth 57'		Weather 01 Wind NW-1 Air 38.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.49	8.02	0	0.00	
5	26.15	8.08	283	0.11	
10	24.31	9.12	290	0.12	
15	23.87	9.34	293	0.12	
20	23.77	9.42	280	0.12	
25	23.63	9.51	274	0.15	
30	23.56	9.57	280	0.15	
35	23.53	9.61	278	0.15	
40	23.51	9.65	272	0.63	
45	23.50	9.68	273	0.57	
50	23.47	9.70	263	0.50	
55	23.47	9.70	263	0.41	

PX-12 26 June 52		1302 EST Depth 57'		Weather 01 Wind NW-1 Air 38.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.10	8.06	0	0.00	
5	26.05	8.10	296	0.41	
10	23.82	9.03	296	0.41	
15	23.60	9.41	296	0.36	
20	23.52	9.57	295	0.41	
25	23.50	9.58	300	0.48	
30	23.47	9.63	300	0.48	
35	23.47	9.65	299	0.52	
40	23.47	9.65	298	0.52	
45	23.46	9.65	291	0.50	
50	23.45	9.67	291	0.41	
55	23.45	9.67	--	--	

PX-12 26 June 52		1440 EST Depth 57'		Weather - Wind - Air 36.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.61	8.14	301	0.41	
5	27.17	8.18	306	0.65	
10	24.90	8.88	297	0.77	
15	24.15	9.29	304	0.82	
20	24.07	9.34	301	0.77	
25	23.78	9.41	299	0.77	
30	23.63	9.52	298	0.77	
35	--	--	294	0.65	
40	23.63	9.52	293	0.65	
45	--	--	303	0.58	
50	23.61	9.57	299	0.58	
55	--	--	299	0.50	

PX-16 25 June 52		1800 EST Depth 32½'		Weather 01 Wind WNW-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.40	7.74	145	0.21	
5	25.19	8.03	145	0.06	
10	23.88	8.94	340	0.16	
15	23.28	9.56	070	0.09	
20	23.25	9.63	145	0.09	
25	23.19	9.67	145	0.12	
30	23.14	9.76	145	0.16	

PX-16 25 June 52		2100 EST Depth 33'		Weather 01 Wind 0 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.43	7.50	145	0.60	
5	24.44	8.07	145	0.36	
10	23.53	9.16	146	0.18	
15	23.34	9.45	146	0.26	
20	23.24	9.63	146	0.34	
25	23.17	9.68	146	0.29	
30	23.12	9.73	146	0.29	

PX-16 25 June 52		1900 EST Depth 32½'		Weather 01 Wind 0 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.45	7.74	143	0.50	
5	25.26	8.10	144	0.34	
10	23.85	8.96	054	0.13	
15	23.35	9.40	145	0.18	
20	23.27	9.63	145	0.22	
25	23.24	9.68	144	0.29	
30	23.17	9.70	144	0.29	

PX-16 25 June 52		2206 EST Depth 31'		Weather 01 Wind 0 Air 23.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.76	7.38	144	0.70	
5	25.14	8.07	144	0.36	
10	23.78	8.83	144	0.13	
15	23.37	9.42	144	0.26	
20	23.22	9.58	144	0.29	
25	23.19	9.62	144	0.29	
30	23.10	9.72	--	--	

PX-16 25 June 52		2000 EST Depth 32½'		Weather 01 Wind 0 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.26	7.72	150	0.43	
5	24.58	8.07	145	0.29	
10	23.51	9.08	151	0.29	
15	23.35	9.43	151	0.29	
20	23.27	9.63	151	0.31	
25	23.20	9.70	151	0.34	
30	23.12	9.73	151	0.29	

PX-16 25 June 52		2300 EST Depth 31'		Weather 01 Wind 0 Air 28.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.36	7.49	146	0.50	
5	25.62	7.85	146	0.31	
10	23.99	8.53	146	0.13	
15	23.32	9.38	--	--	
20	23.23	9.51	146	0.13	
25	23.16	9.70	146	0.22	
30	23.10	9.72	145	0.13	

PX-16 26 June 52		0000 EST Depth 32'		Weather 01 Wind 0 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.90	7.58	143	0.22	
5	24.58	8.31	143	0.16	
10	23.93	8.52	333	0.16	
15	23.35	9.12	344	0.15	
20	23.21	9.57	354	0.14	
25	23.12	9.67	354	0.12	
29	23.10	9.71	--	--	
30	--	--	354	0.14	

PX-16 26 June 52		0300 EST Depth 32½'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.63	7.62	328	0.26	
5	25.38	7.91	328	0.29	
10	23.58	9.35	328	0.64	
15	23.28	9.61	338	0.58	
20	23.21	9.67	328	0.52	
25	23.20	9.67	340	0.38	
29	23.19	9.68	--	--	
30	--	--	337	0.34	

PX-16 26 June 52		0100 EST Depth 32'		Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.87	7.73	0	0.00	
5	24.85	7.91	326	0.22	
10	24.30	8.27	327	0.31	
15	23.67	8.99	327	0.34	
20	23.25	9.42	337	0.34	
25	23.16	9.66	347	0.31	
29	23.10	9.70	--	--	
30	--	--	347	0.31	

PX-16 26 June 52		0400 EST Depth 32½'		Weather 01 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.78	7.70	332	0.19	
5	24.20	8.41	332	0.29	
10	23.52	9.30	332	0.58	
15	23.29	9.55	337	0.45	
20	23.26	9.60	337	0.34	
25	23.25	9.65	326	0.29	
30	23.24	9.66	326	0.18	

PX-16 26 June 52		0200 EST Depth 32½'		Weather 01 Wind 0 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.92	7.55	329	0.26	
5	25.28	7.88	339	0.41	
10	23.59	8.98	339	0.48	
15	23.31	9.43	339	0.57	
20	23.27	9.53	329	0.53	
25	23.15	9.68	329	0.50	
29	23.14	9.68	--	--	
30	--	--	339	0.43	

PX-16 26 June 52		0500 EST Depth 32½'		Weather 01 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.78	7.64	324	0.11	
5	24.41	8.43	325	0.27	
10	23.48	9.35	335	0.33	
15	23.33	9.54	329	0.17	
20	23.28	9.59	330	0.24	
25	23.27	9.62	325	0.06	
30	23.25	9.65	0	0.00	

PX-16 26 June 52		0600 EST Depth 32½'		Weather 00 Wind WNW-1 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.34	7.87	142	0.09	
5	24.62	8.50	327	0.09	
10	23.89	9.12	347	0.21	
15	23.35	9.56	0	0.00	
20	23.29	9.59	0	0.00	
25	23.25	9.64	153	0.06	
30	23.21	9.68	153	0.14	

PX-16 26 June 52		0900 EST Depth 32½'		Weather 00 Wind NW-1 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.29	7.77	145	0.52	
5	24.41	8.37	145	0.31	
10	23.46	9.35	146	0.26	
15	23.43	9.50	146	0.29	
20	23.25	9.62	146	0.34	
25	23.21	9.65	146	0.34	
30	23.20	9.66	146	0.26	

PX-16 26 June 52		0700 EST Depth 32½'		Weather 00 Wind WNW-1 Air 29.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.83	7.63	146	0.25	
5	25.00	8.15	141	0.16	
10	23.83	8.98	056	0.12	
15	23.31	9.61	156	0.12	
20	23.31	9.61	166	0.14	
25	23.27	9.65	166	0.16	
30	23.18	9.68	151	0.21	

PX-16 26 June 52		1000 EST Depth 32½'		Weather 00 Wind NW-1 Air 35.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.29	7.77	150	0.64	
5	25.35	8.08	145	0.29	
10	23.85	8.99	145	0.13	
15	23.40	9.48	145	0.22	
20	23.29	9.60	145	0.29	
25	23.21	9.67	150	0.26	
30	23.15	9.70	149	0.18	

PX-16 26 June 52		0800 EST Depth 32½'		Weather 00 Wind NW-2 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.05	7.61	144	0.55	
5	24.72	8.22	144	0.13	
10	24.06	8.77	144	0.29	
15	23.44	9.43	144	0.26	
20	23.35	9.57	144	0.29	
25	23.25	9.65	145	0.34	
30	23.21	9.67	145	0.26	

PX-16 26 June 52		1100 EST Depth 32'		Weather 00 Wind NW-2 Air 35.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.68	7.80	144	0.58	
5	24.66	8.45	151	0.24	
10	23.89	8.92	326	0.12	
15	23.50	9.40	0	0.00	
20	23.27	9.56	147	0.06	
25	23.18	9.68	147	0.06	
29	23.16	9.69	0	0.00	

PX-16 26 June 52		1200 EST Depth 32'		Weather 01 Wind NW-2 Air 35.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.50	7.66	150	0.48	
5	24.62	8.37	136	0.14	
10	24.09	8.97	336	0.16	
15	23.56	9.37	347	0.11	
20	23.28	9.55	0	0.00	
25	23.21	9.65	0	0.00	
29	23.17	9.65	--	--	
30	--	--	0	0.00	

PX-16 26 June 52		1500 EST Depth 32'		Weather 01 Wind NW-2 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.49	7.67	0	0.00	
5	26.32	7.91	320	0.29	
10	23.37	9.40	313	0.52	
15	23.27	9.58	332	0.60	
20	23.25	9.59	333	0.50	
25	23.25	9.60	332	0.43	
29	23.25	9.60	--	--	
30	--	--	323	0.31	

PX-16 26 June 52		1300 EST Depth 32'		Weather 02 Wind N-2 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.29	7.61	138	0.31	
5	25.42	8.09	0	0.00	
10	24.33	8.56	331	0.29	
15	23.52	9.36	352	0.26	
20	23.31	9.51	352	0.29	
25	23.20	9.67	335	0.31	
29	23.16	9.72	--	--	
30	--	--	341	0.29	

PX-16 26 June 52		1600 EST Depth 32'		Weather 00 Wind NW-2 Air 34.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.82	7.77	0	0.00	
5	25.02	8.20	331	0.29	
10	23.54	9.40	336	0.69	
15	23.33	9.59	335	0.58	
20	23.29	9.64	336	0.52	
25	23.26	9.65	335	0.45	
29	23.25	9.67	336	0.36	

PX-16 26 June 52		1400 EST Depth 32'		Weather 02 Wind NW-2 Air 33.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.52	7.78	0	0.00	
5	25.87	7.98	356	0.29	
10	23.94	8.87	335	0.43	
15	23.39	9.38	335	0.43	
20	23.27	9.57	335	0.50	
25	23.21	9.61	345	0.38	
29	23.16	9.66	--	--	
30	--	--	345	0.31	

PX-16 26 June 52		1700 EST Depth 32'		Weather 00 Wind W-2 Air 34.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.50	7.83	0	0.00	
5	24.68	8.64	331	0.29	
10	23.57	9.40	337	0.50	
15	23.35	9.54	336	0.29	
20	23.35	9.59	331	0.36	
25	23.34	9.61	331	0.29	
29	23.33	9.63	--	--	
30	--	--	325	0.26	

PX-21 24 June 52		1520 EST Depth 28'		Weather 02 Wind W-1 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.99	6.93	025	0.50	
5	23.77	7.06	025	0.65	
10	23.54	7.42	023	0.65	
15	23.37	7.94	021	0.47	
20	23.35	8.40	018	0.62	
25	23.35	8.55	023	0.69	
28	23.35	8.55	--	--	

PX-21 24 June 52		1800 EST Depth 31'		Weather 02 Wind SW-1 Air 30.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.40	6.98	202	0.36	
5	23.85	7.15	207	0.48	
10	23.61	7.59	186	0.22	
15	23.57	8.16	147	0.18	
20	23.45	8.59	0	0.00	
25	23.43	8.62	0	0.00	

PX-21 24 June 52		1600 EST Depth 29'		Weather 02 Wind W-1 Air 31.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.93	7.12	018	0.44	
5	23.65	7.16	008	0.44	
10	23.54	7.40	358	0.44	
15	23.33	8.41	358	0.39	
20	23.33	8.65	008	0.47	
25	23.32	8.70	017	0.59	
29	--	--	017	0.52	

PX-21 24 June 52		1900 EST Depth 31'		Weather 02 Wind SW-1 Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.60	6.58	215	0.67	
5	24.05	7.07	215	0.82	
10	23.62	7.59	205	0.56	
15	23.45	8.02	214	0.61	
20	23.41	8.33	169	0.50	
25	23.39	8.58	160	0.46	
28.6	23.39	8.60	--	--	

PX-21 24 June 52		1700 EST Depth 29'		Weather 02 Wind W-1 Air 30.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.00	7.21	007	0.20	
5	23.90	7.26	333	0.21	
10	23.47	7.82	358	0.17	
15	23.40	8.49	032	0.15	
20	23.40	8.67	036	0.16	
25	23.39	8.70	016	0.21	

PX-21 24 June 52		2000 EST Depth 27'		Weather 01 Wind SW-1 Air 26.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.50	6.51	206	0.90	
5	24.38	6.69	212	0.95	
10	24.12	6.90	202	0.87	
15	23.75	7.42	202	0.80	
20	23.56	7.82	192	0.66	
25	23.50	7.98	192	0.66	

FX-21 24 June 52		2100 EST Depth 31'		Weather 01 Wind 0 Air 25.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.50	6.28	218	0.92	
5	24.40	6.43	218	0.85	
10	24.38	6.45	208	0.77	
15	24.25	6.89	208	0.77	
20	23.80	7.16	188	0.77	
25	23.66	7.42	183	0.71	
27	23.62	7.48	--	--	

FX-21 25 June 52		2400 EST Depth 27'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.35	5.77	012	0.28	
5	24.37	5.81	006	0.39	
10	24.25	6.13	005	0.28	
15	24.07	6.57	005	0.28	
20	24.02	6.69	005	0.28	
25	23.86	7.00	005	0.20	

FX-21 24 June 52		2200 EST Depth 30'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.53	6.09	219	0.44	
5	24.38	6.27	217	0.56	
10	24.24	6.38	212	0.56	
15	24.05	6.63	202	0.47	
20	23.90	6.84	203	0.44	
25	23.88	6.91	193	0.44	

FX-21 25 June 52		0100 EST Depth 27'		Weather 01 Wind 0 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.25	6.19	000	0.74	
5	24.02	6.90	000	0.66	
10	23.96	7.09	010	0.80	
15	23.93	7.26	010	0.77	
20	23.75	7.80	010	0.71	
25	23.66	8.12	010	0.82	

FX-21 24 June 52		2300 EST Depth 27'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.33	5.94	230	0.44	
5	24.25	6.11	240	0.44	
10	24.20	6.23	0	0.00	
15	24.08	6.49	0	0.00	
20	23.91	6.77	0	0.00	
25	23.68	7.32	005	0.34	

FX-21 25 June 52		0200 EST Depth 32'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.26	6.78	011	0.90	
5	23.93	7.16	006	0.90	
10	23.82	7.40	006	0.90	
15	23.77	7.58	001	0.90	
20	23.57	8.12	001	0.74	
25	23.54	8.32	011	0.69	
28	23.51	8.37	011	0.66	

PX-21 25 June 52		0300 EST Depth 30'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.17	6.78	007	0.69	
5	24.16	6.84	008	0.74	
10	23.90	7.50	357	0.74	
15	23.66	8.13	357	0.56	
20	23.48	8.58	007	0.69	
25	23.45	8.73	007	0.77	
30	23.43	8.79	007	0.71	

PX-21 25 June 52		0600 EST Depth 30'		Weather 01 Wind 0 Air 32.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.00	7.20	205	0.20	
5	24.01	7.32	205	0.20	
10	23.77	8.06	0	0.00	
15	23.55	8.65	025	0.14	
20	23.50	8.77	345	0.14	
25	23.46	8.82	346	0.14	
29½	23.45	8.85	--	--	

PX-21 25 June 52		0400 EST Depth 31'		Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.00	7.35	010	0.44	
5	24.00	7.38	010	0.47	
10	23.95	7.66	006	0.44	
15	23.50	8.72	008	0.39	
20	23.48	8.92	013	0.47	
25	23.46	8.94	013	0.56	
30	23.45	8.98	013	0.52	

PX-21 25 June 52		0700 EST Depth 28'		Weather 01 Wind W-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.10	6.57	208	0.52	
5	23.96	7.55	210	0.57	
10	23.87	7.85	209	0.38	
15	23.85	8.07	209	0.41	
20	23.67	8.35	209	0.48	
25	23.50	8.75	208	0.50	
28	23.47	8.91	--	--	

PX-21 25 June 52		0500 EST Depth 31'		Weather 01 Wind 0 Air 26.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.01	7.32	021	0.18	
5	24.01	7.44	021	0.18	
10	23.62	8.22	021	0.26	
15	23.52	8.77	021	0.29	
20	23.48	8.86	020	0.29	
25	23.47	8.87	020	0.36	
30	23.46	8.89	020	0.26	

PX-21 25 June 52		0800 EST Depth 28'		Weather 01 Wind W-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.35	5.61	109	0.77	
5	24.03	6.17	109	0.87	
10	23.94	7.11	107	0.82	
15	23.71	7.86	108	0.70	
20	23.63	8.17	108	0.70	
25	23.56	8.47	109	0.58	

PX-21 25 June 52		0945 EST Depth 28'		Weather 01 Wind W-1 Air 38.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.47	6.07	214	0.77	
5	23.96	6.98	215	0.82	
10	23.87	7.16	214	0.70	
15	23.86	7.30	213	0.87	
20	23.74	7.68	214	0.77	
25	23.59	8.18	215	0.77	

PX-21 25 June 52		1200 EST Depth 37'		Weather 01 Wind NW-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.10	5.82	255	0.22	
5	24.62	6.03	195	0.26	
10	24.25	6.39	175	0.29	
15	24.10	6.64	0	0.00	
20	23.97	7.09	0	0.00	
25	23.92	7.21	014	0.22	
30	23.89	7.33	013	0.31	

PX-21 25 June 52		1000 EST Depth 27'		Weather 01 Wind NW-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.67	6.30	219	0.50	
5	24.60	6.31	219	0.82	
10	24.50	6.38	219	0.87	
15	24.25	6.60	220	0.77	
20	24.05	7.15	220	0.65	
25	23.91	7.44	220	0.50	

PX-21 25 June 52		1300 EST Depth 37'		Weather 01 Wind NW-1 Air 33.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.51	4.46	0	0.00	
5	24.53	5.93	338	0.29	
10	24.45	6.23	346	0.26	
15	24.17	6.60	346	0.45	
20	24.10	6.72	008	0.36	
25	24.01	6.95	021	0.45	
30	23.96	7.07	015	0.46	

PX-21 25 June 52		1100 EST Depth 38'		Weather 01 Wind NW-1 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.09	6.00	176	0.50	
5	24.85	6.03	176	0.50	
10	24.26	6.67	177	0.50	
15	24.15	6.80	176	0.44	
20	23.99	7.22	176	0.39	
25	23.90	7.46	0	0.00	
30	23.88	7.69	0	0.00	

PX-21 25 June 52		1400 EST Depth 37'		Weather 01 Wind W-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.06	5.94	032	0.38	
5	24.52	6.30	001	0.63	
10	24.10	7.05	352	0.67	
15	23.99	7.43	000	0.82	
20	23.78	7.86	007	0.71	
25	23.58	8.24	014	0.69	
30	23.58	8.24	028	0.82	

PX-23 24 June 52		1700 EST Depth 13'	Weather 01 Wind SW-2 Air 29.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.30	5.52	359	0.45
5	24.57	6.18	349	0.34
10	23.59	6.30	355	0.22

PX-23 24 June 52		2000 EST Depth 13'	Weather 01 Wind 0 Air 25.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.38	--	170	0.77
5	23.81	5.95	175	0.77
10	23.69	6.04	170	0.65

PX-23 24 June 52		1800 EST Depth 13'	Weather 01 Wind SW-1 Air 29.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.99	5.65	0	0.00
5	23.59	6.33	0	0.00
10	23.57	6.30	184	0.09

PX-23 24 June 52		2100 EST Depth 13'	Weather 01 Wind 0 Air 22.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.35	3.59	180	1.40
5	24.18	5.35	170	0.97
10	25.08	5.40	165	0.65

PX-23 24 June 52		1900 EST Depth 13'	Weather 01 Wind 0 Air 27.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.13	5.32	169	0.65
5	23.89	6.23	169	0.41
10	23.68	6.27	169	0.51

PX-23 24 June 52		2210 EST Depth 12'	Weather 01 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.88	3.65	172	1.18
5	24.64	4.69	162	0.65
10	24.40	5.01	--	--

PX-23 24 June 52		2300 EST Depth 12'		Weather 01 Wind 0 Air 23.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.72	3.40	183	0.60	
5	24.88	3.92	182	0.35	
10	24.60	4.55	180	0.70	

PX-23 25 June 52		0205 EST Depth 12'		Weather 01 Wind SW-2 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.27	4.91	359	1.02	
5	24.25	5.34	359	0.93	
10	24.01	5.88	359	0.65	

PX-23 25 June 52		0000 EST Depth 12'		Weather 01 Wind 0 Air 23.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.64	3.24	0	0.00	
5	24.60	3.91	347	0.14	
10	24.51	4.62	356	0.31	

PX-23 25 June 52		0300 EST Depth 12'		Weather 01 Wind SW-2 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.06	5.77	357	1.06	
5	24.06	5.86	357	0.88	
10	24.04	5.92	358	0.65	

PX-23 25 June 52		0100 EST Depth 12'		Weather 01 Wind 0 Air 23.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.72	3.64	356	0.64	
5	24.43	4.67	356	0.81	
10	24.17	5.13	356	0.64	

PX-23 25 June 52		0400 EST Depth 12'		Weather 01 Wind SW-2 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.05	5.94	353	0.65	
5	24.10	6.19	353	0.65	
10	24.08	6.20	354	0.59	

PX-23 25 June 52		0500 EST Depth 13'	Weather 01 Wind SW-2 Air 24.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.08	5.82	356	0.40
5	24.12	6.30	358	0.35
10	24.08	6.49	358	0.40

PX-23 25 June 52		0800 EST Depth 13'	Weather 00 Wind W-2 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.10	4.40	158	1.06
5	24.05	6.29	158	0.65
10	24.04	6.56	158	0.41

PX-23 25 June 52		0600 EST Depth 13'	Weather 00 Wind 0 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	23.96	5.90	058	0.23
5	24.13	6.32	059	0.21
10	24.01	6.65	355	0.15

PX-23 25 June 52		0900 EST Depth 13'	Weather 01 Wind NW-3 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	25.25	4.12	166	1.37
5	24.05	5.77	165	0.77
10	24.04	5.90	170	0.51

PX-23 25 June 52		0700 EST Depth 13'	Weather 00 Wind WSW-1 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.15	5.27	172	0.28
5	24.03	6.39	173	0.29
10	23.99	6.86	173	0.21

PX-23 25 June 52		1000 EST Depth 13'	Weather 01 Wind NW-3 Air -	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.89	4.45	178	1.33
5	24.31	4.98	178	0.97
10	24.16	5.32	178	0.51

PX-23 25 June 52		1100 EST Depth 13'		Weather 01 Wind NW-3 Air -	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.18	3.90	173	0.93	
5	24.61	4.30	178	0.59	
10	24.39	4.87	178	0.29	

PX-23 25 June 52		1400 EST Depth 12'		Weather 01 Wind SW-1 Air 35.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.43	3.58	346	0.59	
5	25.40	4.03	356	0.65	
10	24.30	4.97	353	0.40	

PX-23 25 June 52		1200 EST Depth 12'		Weather 01 Wind NW-3 Air 32.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.18	3.20	176	0.64	
5	24.93	3.69	185	0.40	
10	24.61	4.52	0	0.00	

PX-23 25 June 52		1500 EST Depth 12'		Weather 01 Wind SW-1 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	27.01	4.72	001	0.94	
5	24.71	5.30	356	0.92	
10	24.27	6.23	354	0.64	

PX-23 25 June 52		1300 EST Depth 12'		Weather 02 Wind SW-2 Air 33.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.62	3.05	173	0.15	
5	25.34	4.08	354	0.14	
10	24.56	4.64	353	0.36	

PX-23 25 June 52		1600 EST Depth 13'		Weather 01 Wind W-2 Air 35.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	26.95	5.10	000	1.01	
5	25.77	5.86	000	0.87	
10	24.58	6.34	355	0.60	

PX-26 23 June 52		1455 EST Depth 17'		Weather 51 Wind ENE-1 Air 21.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.07	2.89	351	0.70	
5	24.06	3.33	354	1.05	
10	24.06	3.53	001	0.96	
15	24.07	3.60	001	0.70	

PX-26 23 June 52		1800 EST Depth 17'		Weather 51 Wind ENE-1 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.98	3.42	173	0.62	
2½	23.99	3.79	--	--	
5	23.97	4.29	173	0.62	
10	23.91	4.40	173	0.52	
15	23.90	4.43	173	0.47	

PX-26 23 June 52		1600 EST Depth 17'		Weather 51 Wind ENE-1 Air 21.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.96	3.58	349	0.58	
5	23.98	3.89	349	0.58	
10	23.98	4.06	349	0.58	
15	23.97	4.07	349	0.65	

PX-26 23 June 52		1900 EST Depth 17'		Weather 40 Wind ENE-1 Air 20.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.17	3.19	176	1.05	
5	24.08	3.65	176	1.05	
10	24.03	3.97	164	0.87	
15	24.01	4.02	163	0.50	

PX-26 23 June 52		1700 EST Depth 17'		Weather 51 Wind ENE-1 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.99	3.89	325	0.20	
5	23.99	3.91	336	0.17	
10	23.94	4.34	018	0.22	
15	23.94	4.42	036	0.15	

PX-26 23 June 52		2000 EST Depth 13'		Weather 51 Wind ENE-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.18	2.85	177	1.43	
5	24.20	3.14	177	1.09	
10	24.18	3.21	177	0.77	

PX-26 23 June 52		2100 EST Depth 13'	Weather 40 Wind ENE-1 Air 20.5°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.24	2.15	177	1.49
5	24.30	2.23	177	1.09
10	24.30	2.30	177	0.92

PX-26 24 June 52		0000 EST Depth 13'	Weather 40 Wind NWN-1 Air 20.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.24	0.69	0	0.00
5	24.23	0.72	358	0.14
10	24.22	0.81	028	0.20

PX-26 23 June 52		2200 EST Depth 13'	Weather 40 Wind NWN-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.33	1.44	177	1.13
5	24.35	1.52	177	0.96
10	24.35	1.58	177	0.65

PX-26 24 June 52		0100 EST Depth 11'	Weather 40 Wind NWN-1 Air 20.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.17	0.82	355	0.63
5	24.13	1.22	010	0.72
10	24.12	1.55	011	0.85

PX-26 23 June 52		2300 EST Depth 13'	Weather 40 Wind NWN-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.22	0.89	177	0.65
5	24.12	1.10	177	0.50
10	23.94	1.22	177	0.34

PX-26 24 June 52		0200 EST Depth 12'	Weather 40 Wind NWN-1 Air 19.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	23.90	1.69	015	1.05
5	23.92	1.80	015	1.25
10	23.91	1.89	015	0.96

PX-26 24 June 52		0300 EST Depth 12'		Weather 40 Wind NWN-1 Air -	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.66	2.70	012	0.82	
5	23.62	2.76	012	1.01	
10	23.79	2.86	012	1.01	

PX-26 24 June 52		0600 EST Depth 12'		Weather 40 Wind 0 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.25	2.92	192	0.39	
5	23.45	3.70	180	0.11	
10	23.50	4.03	180	0.12	

PX-26 24 June 52		0400 EST Depth 15'		Weather 40 Wind NWN-1 Air 20.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.59	3.20	359	0.77	
5	23.77	3.57	359	0.82	
10	23.79	3.62	359	0.92	
15	--	--	029	0.77	

PX-26 24 June 52		0700 EST Depth 12'		Weather 40 Wind 0 Air 21.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.72	3.32	173	1.09	
5	23.72	3.68	175	0.65	
10	23.68	3.86	175	0.58	

PX-26 24 June 52		0500 EST Depth 15'		Weather 40 Wind NWN-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.45	3.59	000	0.41	
5	23.68	3.95	000	0.77	
10	23.66	4.15	000	0.77	
13	23.66	4.15	--	--	
14	--	--	001	0.58	

PX-26 24 June 52		0800 EST Depth 12'		Weather 03 Wind W-1 Air 21.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.75	2.76	173	1.21	
5	23.76	3.18	173	0.87	
10	23.76	3.36	173	0.58	

PX-26 24 June 52		0900 EST Depth 12'	Weather 03 Wind W-1 Air 22.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	23.86	1.98	173	1.43
5	23.87	2.14	173	1.13
10	23.87	2.23	175	0.87

PX-26 24 June 52		1200 EST Depth 12'	Weather 03 Wind NWF-1 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.07	0.59	176	0.25
5	24.00	0.72	195	0.30
10	24.31	0.96	148	0.19

PX-26 24 June 52		1000 EST Depth 12'	Weather 03 Wind W-1 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	23.93	1.40	175	1.17
5	23.91	1.38	175	0.92
10	23.90	1.51	175	0.65

PX-26 24 June 52		1300 EST Depth 12'	Weather 03 Wind NW-1 Air 28.9°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.08	0.54	359	0.19
5	23.80	0.63	351	0.22
10	23.90	0.71	351	0.28

PX-26 24 June 52		1100 EST Depth 12'	Weather 03 Wind W-1 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.03	0.95	174	0.87
5	23.93	0.96	174	0.50
10	23.90	1.07	174	0.41

PX-26 24 June 52		1403 EST Depth 12'	Weather 02 Wind - Air 27.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current	
			Dir (°T)	Speed (kts)
0	24.80	0.78	353	0.92
5	24.40	1.09	000	1.01
10	24.32	1.59	000	0.92

PX-29 23 June 52		1600 EST Depth 27'		Weather 03 Wind NNE-2 Air 22.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.62	1.22	351	0.65	
5	24.62	1.23	356	0.77	
10	24.62	1.24	357	0.77	
15	24.62	1.32	003	0.83	
20	24.63	1.34	007	0.88	
24	24.64	1.33	--	--	
25	--	--	002	0.83	

PX-29 23 June 52		1900 EST Depth 21'		Weather 03 Wind NNE-1 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.57	1.17	168	1.14	
5	24.59	1.17	167	0.97	
10	24.60	1.22	166	1.02	
15	24.60	1.29	168	1.02	
17	24.60	1.33	--	--	
19	--	--	168	0.93	

PX-29 23 June 52		1700 EST Depth 27'		Weather 03 Wind NNE-1 Air 22.2°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.58	1.64	000	0.17	
5	24.58	1.68	000	0.38	
10	24.57	1.71	002	0.34	
15	24.57	1.73	002	0.22	
20	24.57	1.74	358	0.29	
23	24.57	1.74	--	--	
24	--	--	358	0.26	

PX-29 23 June 52		2000 EST Depth 23'		Weather 52 Wind NNE-2 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.50	0.54	195	1.33	
5	24.50	0.55	191	1.47	
10	24.51	0.55	193	1.51	
15	24.51	0.55	192	1.37	
20	24.51	0.57	194	1.33	
21	24.51	0.57	--	--	

PX-29 23 June 52		1800 EST Depth 26'		Weather 03 Wind NNE-2 Air 21.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.49	0.96	185	0.58	
5	24.59	1.58	185	0.46	
10	24.57	1.64	185	0.43	
15	24.57	1.84	185	0.43	
20	24.57	1.87	185	0.31	
22	24.57	1.87	--	--	
23	--	--	175	0.29	

PX-29 23 June 52		2100 EST Depth 23'		Weather 52 Wind NNE-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.34	0.22	191	1.40	
5	24.36	0.22	190	1.37	
10	24.36	0.22	193	1.37	
15	24.36	0.22	191	1.14	
20	24.36	0.23	--	--	

PX-29 23 June 52		2200 EST Depth 23'		Weather 57 Wind - Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.26	0.17	187	1.10	
5	24.27	0.17	191	1.22	
10	24.27	0.17	190	1.14	
15	24.28	0.17	191	1.10	
20	24.28	0.17	189	1.02	

PX -29 24 June 52		0100 EST Depth 24'		Weather 40 Wind NNE-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.04	0.13	018	0.97	
5	24.06	0.13	015	0.97	
10	24.07	0.13	012	1.06	
15	24.07	0.13	015	0.93	
20	24.07	0.13	019	0.93	
22	24.07	0.13	--	--	

PX-29 23 June 52		2300 EST Depth 23'		Weather 40 Wind - Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.08	0.13	186	0.59	
5	24.10	0.13	185	0.77	
10	24.10	0.14	186	0.77	
15	24.11	0.14	186	0.65	
20	24.11	0.14	186	0.65	

PX-29 24 June 52		0200 EST Depth 24'		Weather 40 Wind NNE-1 Air 19.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.14	0.19	017	1.33	
5	24.18	0.19	016	1.37	
10	24.19	0.19	017	1.22	
15	24.19	0.19	014	1.33	
20	24.19	0.19	013	1.40	
22	24.18	0.19	--	--	

PX-29 24 June 52		0000 EST Depth 25'		Weather 03 Wind NNE-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.06	0.11	0	0.00	
5	24.08	0.11	015	0.12	
10	24.08	0.11	007	0.16	
15	24.10	0.11	011	0.15	
20	24.10	0.11	040	0.15	
22	24.10	0.11	--	--	

PX-29 24 June 52		0300 EST Depth 24'		Weather 03 Wind NNW-2 Air 19.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.11	0.32	017	1.33	
5	24.14	0.33	019	1.37	
10	24.18	0.38	019	1.37	
15	24.19	0.39	019	1.30	
20	24.19	0.38	017	1.14	
22	24.18	0.37	--	--	

PX-29 24 June 52		0400 EST Depth 26'		Weather 40 Wind NNE-1 Air 19.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.12	0.78	013	0.83	
5	24.17	0.81	013	0.97	
10	24.18	0.82	015	1.02	
15	24.17	0.82	013	1.10	
20	24.15	0.83	012	1.14	
23	24.14	0.81	014	1.06	

PX-29 24 June 52		0700 EST Depth 24'		Weather 03 Wind NNE-1 Air 20.6°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.06	0.82	193	0.97	
5	24.06	0.84	190	1.04	
10	24.08	1.09	192	0.94	
15	24.08	1.18	190	0.94	
20	24.08	1.23	192	0.84	
22	24.08	1.31	--	--	

PX-29 24 June 52		0500 EST Depth 25'		Weather 49 Wind NNE-1 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.05	1.11	351	0.35	
5	24.05	1.14	356	0.53	
10	24.06	1.15	012	0.60	
15	24.06	1.17	013	0.57	
20	24.12	1.31	009	0.43	
22	24.13	1.30	--	--	
23	--	--	010	0.35	

PX-29 24 June 52		0800 EST Depth 20'		Weather 05 Wind SW-1 Air 21.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.02	0.56	189	1.40	
5	24.05	0.59	188	1.40	
10	24.05	0.59	190	1.40	
15	24.07	0.62	188	1.22	
20	24.07	0.62	--	--	

PX-29 24 June 52		0600 EST Depth 25'		Weather 49 Wind 0 Air 20.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.06	1.23	0	0.00	
5	24.06	1.31	227	0.14	
10	24.06	1.38	232	0.14	
15	24.06	1.43	231	0.12	
20	24.08	1.47	--	--	
23	24.08	1.47	--	--	

PX-29 24 June 52		0900 EST Depth 20'		Weather 05 Wind W-1 Air 22.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.93	0.25	192	1.44	
5	23.96	0.25	190	1.44	
10	23.97	0.26	201	1.47	
15	23.99	0.28	192	1.33	
20	23.99	0.28	--	--	

PX-29 24 June 52		1000 EST Depth 23'		Weather 05 Wind W-1 Air 23.3°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.86	0.16	186	1.33	
5	23.81	0.16	185	1.22	
10	23.81	0.16	187	1.22	
15	23.81	0.16	183	1.10	
20	23.81	0.16	181	1.18	

PX-29 24 June 52		1300 EST Depth 22'		Weather 03 Wind NNW-1 Air 26.1°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.43	0.12	044	0.26	
5	24.46	0.12	042	0.38	
10	24.34	0.12	038	0.36	
15	23.78	0.12	045	0.43	
20	23.76	0.12	041	0.29	
22	23.76	0.12	--	--	

PX-29 24 June 52		1100 EST Depth 23'		Weather 01 Wind W-1 Air 26.7°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	23.99	0.13	194	0.83	
5	23.83	0.13	189	0.88	
10	23.81	0.14	190	0.97	
15	23.82	0.14	187	0.93	
20	23.82	0.14	195	0.93	

PX-29 24 June 52		1400 EST Depth 22'		Weather 03 Wind WSW-2 Air 24.4°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	25.17	0.14	016	1.18	
5	23.98	0.14	019	1.14	
10	23.93	0.14	019	1.18	
15	23.91	0.14	016	1.26	
20	23.89	0.14	013	1.14	
22	23.93	0.14	--	--	

PX-29 24 June 52		1200 EST Depth 23'		Weather 02 Wind NNW-1 Air 25.0°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.30	0.12	165	0.36	
5	24.10	0.12	166	0.52	
10	24.05	0.12	185	0.46	
15	23.78	0.12	179	0.34	
20	23.78	0.12	169	0.29	
22	23.76	0.12	--	--	

PX-29 24 June 52		1500 EST Depth 22'		Weather 01 Wind NE-1 Air 26.8°C	
Depth (ft)	Temp (°C)	Sal (o/oo)	Current		
			Dir (°T)	Speed (kts)	
0	24.46	0.20	016	1.58	
5	24.30	0.19	018	1.44	
10	24.23	0.19	018	1.47	
15	24.23	0.19	018	1.51	
20	24.16	0.19	014	1.51	
22	24.12	0.18	--	--	

Station	Depth (ft)	Date	Time EST	O ₂ (ml/L)	pH	Alk. (mg at/L)	Chloro. (µ/L)	POL (µg at/L)	Turbidity		
									600m	600m	
PX-2	0	28 June	0725	5.50	8.35	1.16	5.40	0.04	0.248	0.120	0.098
	10		0745	5.40	8.27	1.09	3.26	0.04	0.200	0.104	0.077
	20		0808	5.07	8.18	0.89	1.78	0.03	0.207	0.098	0.076
	30		0830	3.34	7.89	0.76	1.87	0.04	0.198	0.107	0.084
	45		0846	0.89	7.78	1.15	1.72	0.04	0.244	0.148	0.118
PX-4	0	27 June	0645	4.41	8.18	1.29	7.04	0.06	0.195	0.087	0.066
	10		0710	4.35	7.98	1.09	5.90	0.05	0.190	0.097	0.072
	20		0730	3.60	7.90	0.96	6.48	0.05	0.169	0.084	0.071
	30		0745	2.84	7.66	0.71	2.85	0.06	0.174	0.102	0.081
	45		0800	2.05	7.64	0.74	3.22	0.05	0.227	0.139	0.119
PX-12	0	26 June	0700	4.66	8.01	0.93	8.78	0.06	0.269	0.138	0.114
	10		0725	4.69	8.01	1.09	5.51	0.06	0.208	0.101	0.080
	20		0745	2.91	7.69	1.09	4.45	0.05	0.235	0.129	0.102
	30		0805	2.59	7.60	0.74	2.84	0.05	0.259	0.160	0.123
	45		0825	2.27	7.58	0.71	3.01	0.06	0.347	0.210	0.160
PX-21	0		0605	3.67	7.40	0.83	2.37	0.16	0.399	0.237	0.163
	10		0630	3.68	7.31	0.75	1.77	0.14	0.419	0.254	0.195
	20		0705	2.09	7.16	1.12	1.20	0.11	0.457	0.315	0.277
PX-26	0		0700	3.31	7.69	1.05	1.82	0.24	1.051	0.678	0.497
	15		0740	3.09	7.15	0.63	2.45	0.17	2.022	0.531	1.208

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