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OCEANOGRAPHIC STATION DATA, USS SAN PABLO CRUISE NUMBER 31947 O--ETC(U)
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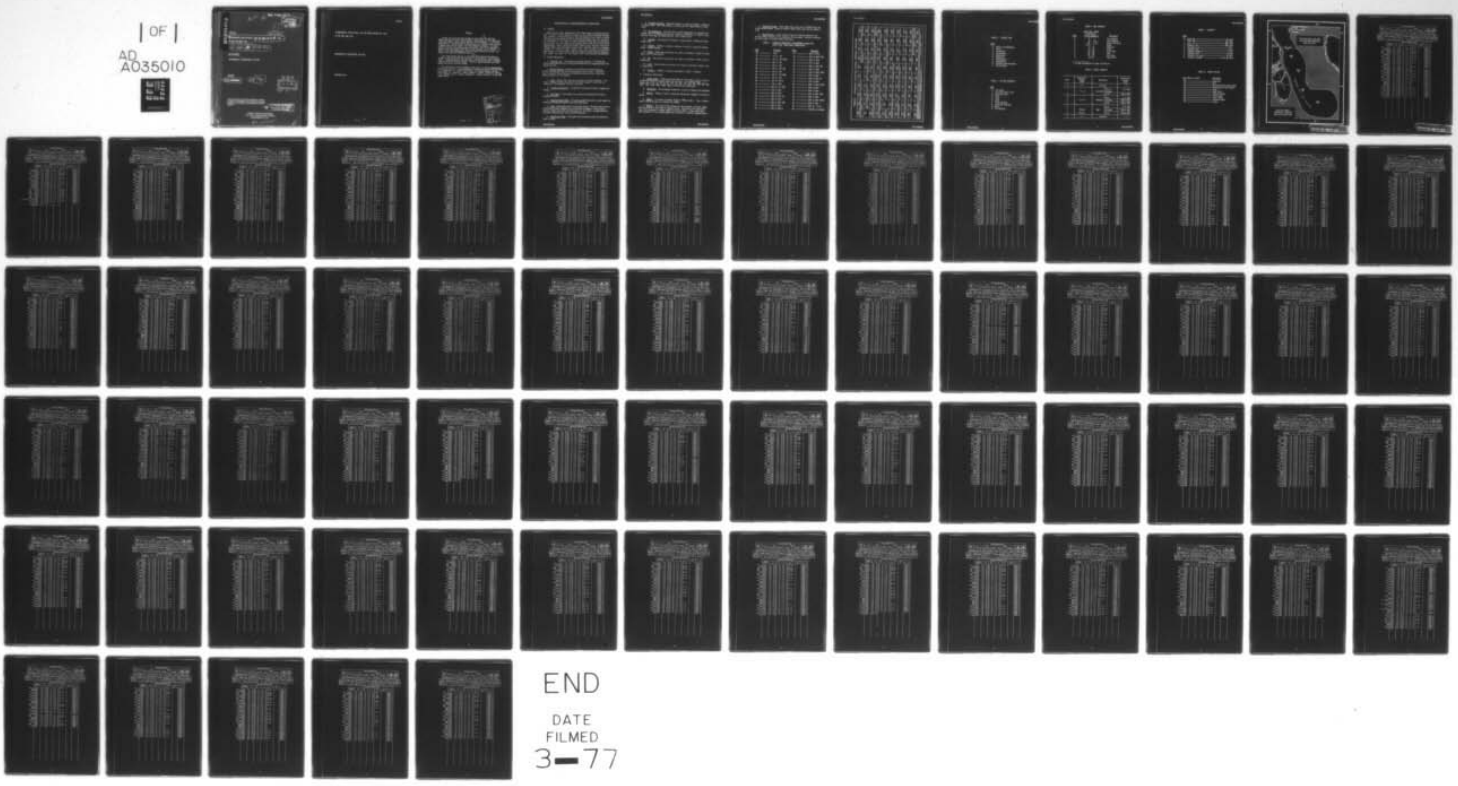

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OCEANOGRAPHIC STATION DATA, USS SAN PABLO CRUISE NO. 31947 OF MAY AND JUNE 1962

OCEANOGRAPHIC DEVELOPMENT DIVISION

SEPTEMBER 1962

PREFACE

During the period 20 May through 24 June 1962, the USS SAN PABLO (AGS-30) collected oceanographic observations in the Tongue of the Ocean (TOTO), Exuma Sound, and east of the Bahamas. In the TOTO, observations included 3-hourly Nansen casts at a 7-day anchor station, 4 Nansen casts while adrift, and 100 biological samples. In Exuma Sound 57 bottom core samples were collected. East of the Bahamas 2 Nansen casts were made, and 8 bottom core samples were collected. A total of 474 bathythermograms were collected during the survey. All Nansen cast data are presented herein.

The 7-day anchor station in the TOTO was occupied from 2200 on 20 May to 1900 on 27 May and resulted in 56 successive single Nansen casts. Sampling depths, representing 19 different horizons, extended from the surface to 1,800 meters. Salinity determinations were made aboard ship on a salinity bridge.

The following civilian personnel from the U. S. Naval Oceanographic Office were active in the oceanographic program aboard the USS SAN PABLO: F. M. Daugherty, Jr. (Senior Scientist), A. Russell Mooney, Charles Ostericher, Jr., Charles L. Davis, Roswell F. Busby, Richard F. Rooney, J. H. Hoffman, Carl A. Justus, Spurgeon C. Crosby, Harold E. Grimm, and Kemper Reece.

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EXPLANATION OF OCEANOGRAPHIC STATION DATA

A. General

Each of the items appearing on the data pages is explained below. The vertical arrows shown in some of the column headings indicate the location of decimal points. The horizontal arrow next to a depth indicates the first depth of the second oceanographic cast. The presence of asterisks to the right of data indicates those data are doubtful; hence, they were not used in the construction of the curve from which interpolated values (standard depth values) were derived. Observed values which were obviously invalid were omitted entirely. A dagger symbol (†) indicates data which have been machine interpolated over three or more depths. When the dagger symbol appears opposite the depth, all data at that depth have been machine interpolated.

B. Surface Observations

1. NODC Ref. No. This number is arbitrarily assigned. It identifies the cruise and provides a means of sorting from the IBM files all cards pertaining to that particular cruise.

2. Station Number. Stations are normally numbered consecutively, starting with one at the beginning of each cruise. Therefore, for a complete identification of a particular station, both cruise and station number are necessary.

3. Date. Month, day, and year are given in Arabic numerals. The hour is Greenwich Mean Time and is that hour nearest to the time of release of the messenger for the first cast.

4. Latitude and Longitude. The position of the station is given in degrees and minutes.

5. Sonic Depth. Sonic Depth is the uncorrected sounding for the station, recorded in meters.

6. Maximum Sample Depth. The maximum depth from which a water sample was obtained at the station is given to the nearest 100 meters.

7. Wind. Wind speed is given in meters per second. Direction from which the wind blows is coded in degrees true to the nearest ten degrees. The last zero is omitted. North is 36 on this scale and calm is 0. See Table 1, Compass Direction Conversion Table for Wind, Sea, and Swell Directions.

8. Anemometer Height. The height of the anemometer above the waterline is given in meters.

9. Barometric Pressure. Barometric pressure is coded in millibars, neglecting the 900 or 1000. Thus, 996 millibars is coded as 96 and 1008 millibars is coded as 08.

10. Air Temperature. Dry bulb and wet bulb temperatures are entered to the nearest tenth of a degree (Centigrade). A negative temperature is coded by dropping the minus sign and adding 50; thus -10° is coded as 60.

11. Humidity. The percent of humidity is coded directly, 100 percent being coded as 99.

12. Weather. Weather is coded as indicated in Table 2, Numerical Weather Codes - Present Weather.

13. Cloud. Cloud type and amount are coded as indicated in Tables 3, Cloud Type, and 4, Cloud Amount.

14. Sea. Sea direction and amount are coded as indicated in Tables 1 and 5, respectively.

15. Swell. Swell direction and amount are coded as indicated in Tables 1 and 6, respectively.

16. Visibility. Visibility is coded as indicated in Table 7, Visibility.

C. Subsurface Observations

1. Sample Depth. Observed (actual) depth of each sample is given in meters. Interpolated values at standard depths are also given. The standard depths, in meters, are: 0, 10, 20, 30, 50, 75, 100, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1200, 1500, 2000, 2500, 3000, and thence every 1000 meters.

2. Temperature. The Centigrade temperature is given in degrees and hundredths.

3. Salinity. Salinity is given in parts per thousand (by weight) to two decimal places.

4. Sigma-t. To convert to density divide by 1000 and add 1. Thus, a sigma-t value of 22.35 converts to a density of 1.02235.

5. Delta-D. The values in the columns are the anomalies of dynamic depths from the surface to each level in dynamic meters. Each entry is the cumulative sum of the anomalies of dynamic depth of the layer above. These values have been computed for the standard depths only, and serve to identify computed points.

6. Dissolved Oxygen. These values when given are in milliliters per liter to two decimal places. Values of 10.00 or above rarely occur and are coded as 9.99.

7. Sound Velocity. Sound velocity is given in feet per second to one decimal place, corrected for pressure at each depth. Wilson's equation has been used to compute sound velocities.

TABLE 1. COMPASS DIRECTION CONVERSION TABLE FOR WIND, SEA, AND SWELL DIRECTIONS

Code	Direction	Code	Direction
00	Calm	19	185° to 194°
01	5° to 14°	20	195° to 204° SSW
02	15° to 24° NNE	21	205° to 214°
03	25° to 34°	22	215° to 224°
04	35° to 44°	23	225° to 234° SW
05	45° to 54° NE	24	235° to 244°
06	55° to 64°	25	245° to 254° WSW
07	65° to 74° ENE	26	255° to 264°
08	75° to 84°	27	265° to 274° W
09	85° to 94° E	28	275° to 284°
10	95° to 104°	29	285° to 294° WNW
11	105° to 114° ESE	30	295° to 304°
12	115° to 124°	31	305° to 314°
13	125° to 134°	32	315° to 324° NW
14	135° to 144° SE	33	325° to 334°
15	145° to 154°	34	335° to 344° NNW
16	155° to 164° SSE	35	345° to 354°
17	165° to 174°	36	355° to 4° N
18	175° to 184° S	99	Variable or unknown

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TABLE 2. NUMERICAL WEATHER CODES—PRESENT WEATHER

00 Cloud development NOT observed or NOT observable during past hour.	**01** Clouds generally dissolving or becoming less developed during past hour.	**02** State of sky on the whole unchanged during past hour.	**03** Clouds generally forming or developing during past hour.	**04** Visibility reduced by smoke.	**05** Haze.	**06** Widespread dust in suspension in the air, NOT raised by wind, at time of observation.	**07** Dust or sand raised by wind, at time of observation.	**08** Well developed dust devil(s) within past hour.	**09** Duststorm or sandstorm within sight of or at station during past hour.
10 Light fog.	**11** Patches of shallow fog at station, NOT deeper than 6 feet on land.	**12** More or less continuous shallow fog at station, NOT deeper than 6 feet on land.	**13** Lightning visible, no thunder heard.	**14** Precipitation within sight, but NOT reaching the ground.	**15** Precipitation within sight, reaching the ground, but distant from station.	**16** Precipitation within sight, reaching the ground, near to but NOT at station.	**17** Thunder heard, but no precipitation at the station.	**18** Squall(s) within sight during past hour.	**19** Funnel cloud(s) within sight during past hour.
20 Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of ob.	**21** Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of ob.	**22** Snow (NOT falling as showers) during past hour, but NOT at time of observation.	**23** Rain and snow (NOT falling as showers) during past hour, but NOT at time of observation.	**24** Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation.	**25** Showers of rain during past hour, but NOT at time of observation.	**26** Showers of snow, or of rain and snow, during past hour, but NOT at time of observation.	**27** Showers of hail, or of hail and rain, during past hour, but NOT at time of observation.	**28** Fog during past hour, but NOT at time of observation.	**29** Thunderstorm (with or without precipitation) during past hour, but NOT at time of observation.
30 Slight or moderate duststorm or sandstorm has decreased during past hour.	**31** Slight or moderate duststorm or sandstorm no appreciable change during past hour.	**32** Slight or moderate duststorm or sandstorm has increased during past hour.	**33** Severe duststorm or sandstorm, has decreased during past hour.	**34** Severe duststorm or sandstorm, no appreciable change during past hour.	**35** Severe duststorm or sandstorm, has increased during past hour.	**36** Slight or moderate drifting snow, generally low.	**37** Heavy drifting snow, generally low.	**38** Slight or moderate drifting snow, generally high.	**39** Heavy drifting snow, generally high.
40 Fog at distance at time of observation, but NOT at station during past hour.	**41** Fog in patches.	**42** Fog, sky discernible, has become thinner during past hour.	**43** Fog, sky NOT discernible, has become thinner during past hour.	**44** Fog, sky discernible, no appreciable change during past hour.	**45** Fog, sky NOT discernible no appreciable change during past hour.	**46** Fog, sky discernible, has begun or become thicker during past hour.	**47** Fog, sky NOT discernible, has begun or become thicker during past hour.	**48** Fog, depositing rime, sky discernible.	**49** Fog, depositing rime, sky not discernible.
50 Intermittent drizzle (NOT freezing) slight at time of observation.	**51** Continuous drizzle (NOT freezing) slight at time of observation.	**52** Intermittent drizzle (NOT freezing) moderate at time of ob.	**53** Continuous drizzle (NOT freezing), moderate at time of ob.	**54** Intermittent drizzle (NOT freezing), thick at time of observation.	**55** Continuous drizzle (NOT freezing), thick at time of observation.	**56** Slight freezing drizzle.	**57** Moderate or thick freezing drizzle.	**58** Drizzle and rain, slight.	**59** Drizzle and rain, moderate or heavy.
60 Intermittent rain (NOT freezing), slight at time of observation.	**61** Continuous rain (NOT freezing), slight at time of observation.	**62** Intermittent rain (NOT freezing), moderate at time	**63** Continuous rain (NOT freezing), moderate at time of observation.	**64** Intermittent rain (NOT freezing), heavy at time of observation.	**65** Continuous rain (NOT freezing), heavy at time of observation.	**66** Slight freezing rain.	**67** Moderate or heavy freezing rain.	**68** Rain or drizzle and snow, slight.	**69** Rain or drizzle and snow, moderate or heavy.
70 Intermittent fall of snowflakes, slight at time of observation.	**71** Continuous fall of snowflakes, slight at time of observation.	**72** Intermittent fall of snowflakes, moderate at time of observation.	**73** Continuous fall of snowflakes, moderate at time of observation.	**74** Intermittent fall of snowflakes, heavy at time of observation.	**75** Continuous fall of snowflakes, heavy at time of observation.	**76** Ice needles (with or without fog).	**77** Granular snow (with or without fog).	**78** Isolated starlike snow crystals (with or without fog).	**79** Ice pellets (sleet, U. S. definition).
80 Slight rain shower(s).	**81** Moderate or heavy rain shower(s).	**82** Violent rain shower(s).	**83** Slight shower(s) of rain and snow mixed.	**84** Moderate or heavy shower(s) of rain and snow mixed.	**85** Slight snow shower(s).	**86** Moderate or heavy snow shower(s).	**87** Slight shower(s) of soft or small hail with or without rain or rain and snow mixed.	**88** Moderate or heavy shower(s) of soft or small hail with or without rain or rain and snow mixed.	**89** Slight shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.
90 Moderate or heavy shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	**91** Slight rain at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**92** Moderate or heavy rain at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**93** Slight snow or rain and snow mixed or hail at time of observation; thunderstorm during past hour, but not at time of observation.	**94** Mod. or heavy snow or rain and snow mixed or hail at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**95** Slight or mod. thunderstorm without hail, but with rain and/or snow at time of observation.	**96** Slight or moderate thunderstorm, with hail at time of observation.	**97** Heavy thunderstorm, without hail, but with rain and/or snow at time of observation.	**98** Thunderstorm combined with duststorm or sandstorm at time of observation.	**99** Heavy thunderstorm with hail at time of observation.

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TABLE 3. CLOUD TYPE

Code	
0	Stratus or Fractostratus
1	Cirrus
2	Cirrostratus
3	Cirrocumulus
4	Altocumulus
5	Altostratus
6	Stratocumulus
7	Nimbostratus
8	Cumulus or Fractocumulus
9	Cumulonimbus

TABLE 4. CLOUD AMOUNT

Code	
0	No clouds
1	Less than 1/10 or 1/10
2	2/10 and 3/10
3	4/10
4	5/10
5	6/10
6	7/10 and 8/10
7	9/10 and 9/10 plus
8	10/10
9	Sky obscured

TABLE 5. SEA AMOUNT

Code	Mean Max. Height of Sea Waves in feet (Approx.)	Description
0	0	Calm (glassy)
1	0 - 1/3	Calm (rippled)
2	1/3 - 1 2/3	Smooth (wavelets)
3	1 2/3 - 4	Slight
4	4 - 8	Moderate
5	8 - 13	Rough
6	13 - 20	Very rough
7	20 - 30	High
8	30 - 45	Very high
9	over 45	Phenomenal+

+ As might be expected in center of hurricane

TABLE 6. SWELL AMOUNT

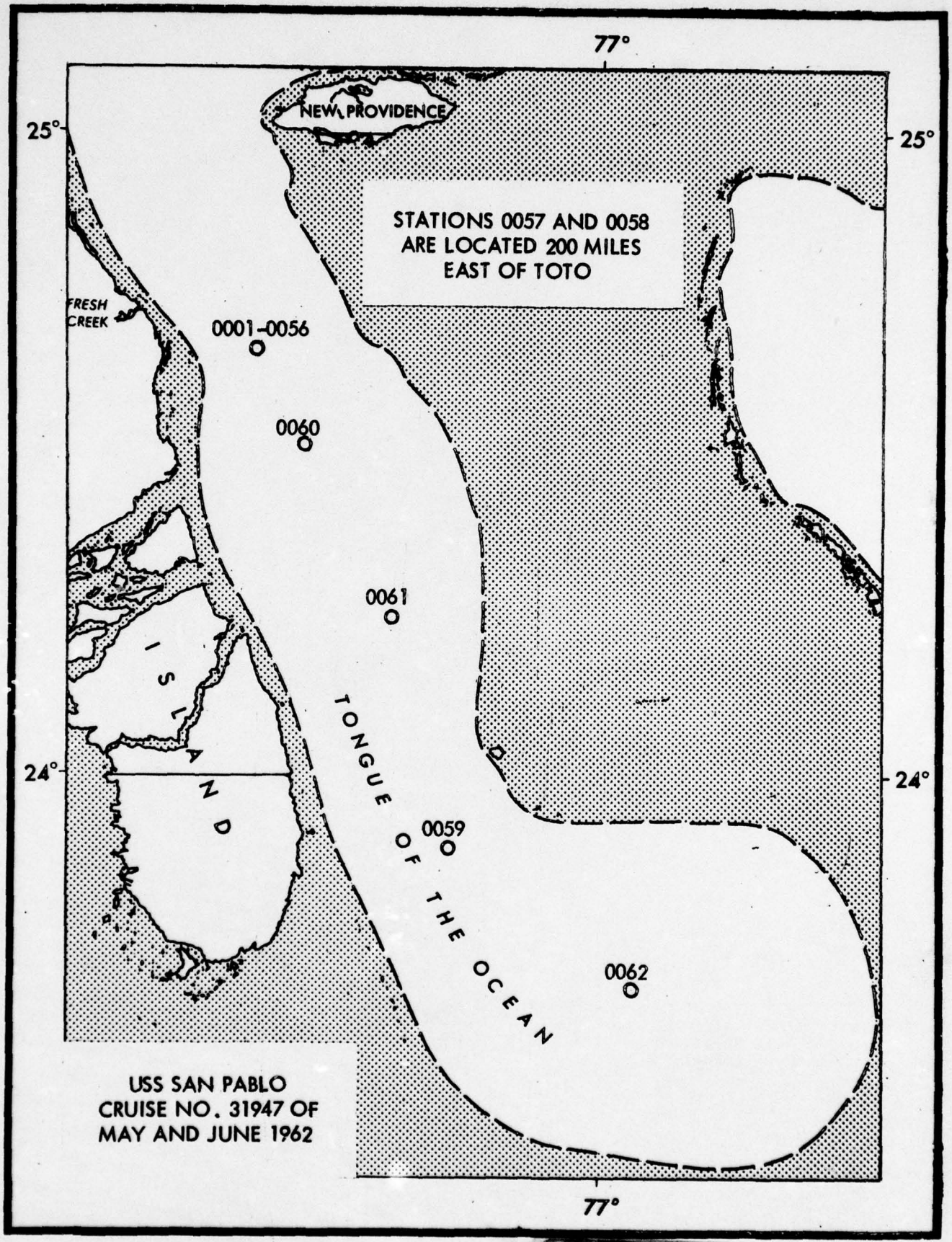
Code	Approximate Height (feet)	Description		Approximate Length (feet)
0	----	No swell		----
1	1 to 6	Low swell	Short or Average	0 to 600
2			Long	Above 600
3	6 to 12	Moderate	Short	0 to 300
4			Average	300 to 600
5			Long	Above 600
6	Greater than 12	High	Short	0 to 300
7			Average	300 to 600
8			Long	Above 600
9	----	Confused		----

TABLE 7. VISIBILITY

Code		
0	Dense fog	50 yards
1	Thick fog	200 yards
2	Fog	400 yards
3	Moderate fog	1000 yards
4	Thin fog or mist	1 mile
5	Visibility poor	2 miles
6	Visibility moderate	5 miles
7	Visibility good	10 miles
8	Visibility very good	30 miles
9	Visibility excellent	Over 30 miles

TABLE 8. WATER COLOR

Code (Percent yellow)	Description
00	Deep blue
10	Blue
20	Greenish-blue (or green blue)
30	Bluish-green (or blue green)
40	Green
50	Light Green
60	Yellowish-green
70	Yellow green
80	Green yellow
90	Greenish-yellow
99	Yellow



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SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0001	05	20	1962	22	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		16	24 5	20 4		01	8	2	36	1					

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 61	36 51	24 31	0 000		5045 7
OBS	0000	25 61	36 51	24 31			5045 7
STD	0010↑	25 30	36 52	24 42	0 036		5043 9
STD	0020↑	25 02	36 53	24 51	0 071		5042 4
STD	0030↑	24 80	36 55	24 59	0 105		5041 3
OBS	0040	24 61	36 58	24 67			5040 5
STD	0050	24 52	36 65	24 75	0 170		5040 6
STD	0075	24 30	36 74	24 89	0 250		5040 5
OBS	0075	24 30	36 74	24 89			5040 5
STD	0100	24 11	36 71	24 92	0 327		5040 3
OBS	0100	24 11	36 71	24 92			5040 3
STD	0150	24 02	36 90	25 09	0 477		5043 0
OBS	0150	24 02	36 90	25 09			5043 0
OBS	0175	23 21	36 87	25 31			5037 7
STD	0200	21 25	36 61	25 67	0 611		5021 7
OBS	0200	19 78*	36 61	26 07*			
OBS	0225	19 78	36 59	26 05			5010 1
STD	0250	18 79	36 53	26 26	0 718		5002 2
OBS	0250	18 79	36 53	26 26			5002 2
STD	0300	18 09	36 45	26 38	0 808		4998 0
OBS	0300	18 09	36 45	26 38			4998 0
STD	0400	16 56	36 21	26 56	0 977		4987 6
STD	0500	14 59	35 92	26 79	1 128		4971 8
OBS	0500	14 59	35 92	26 79			4971 8
STD	0600	12 18	35 58	27 02	1 259		4949 6
OBS	0600	12 18	35 58	27 02			4949 6
OBS	0650	11 17	35 44	27 11			4940 2
OBS	0700	10 29	35 38	27 22			4932 4
OBS	0750	09 35	35 25	27 28			4923 3
STD	0800	08 60	35 19	27 35	1 468		4916 6
OBS	0800	08 60	35 19	27 35			4916 6
STD	1000	05 25	35 03	27 69	1 610		4883 7
OBS	1000	05 25	35 03	27 69			4883 7
STD	1200	04 53	35 01	27 76	1 712		4884 9
OBS	1300	04 25	35 00	27 78			4886 5
STD	1500	03 85	34 99	27 82	1 848		4892 0
OBS	1800	03 63	34 97	27 82			4905 5

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SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0002	05	21	1962	01	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		WIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		16	24 0	19 8		02	6	1	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M).	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O, ml/l ▼	V_f ▼
STD	0000	25 30	36 49	24 40	0 000		5043 3
OBS	0000	25 30	36 49	24 40			5043 3
STD	0010†	25 14	36 50	24 45	0 035		5042 6
STD	0020†	24 99	36 50	24 50	0 070		5042 0
STD	0030†	24 84	36 51	24 55	0 104		5041 4
OBS	0040	24 71	36 51	24 59			5041 0
STD	0050	24 54	36 57	24 69	0 171		5040 4
STD	0075	24 31	36 70	24 86	0 251		5040 5
OBS	0075	24 31	36 70	24 86			5040 5
STD	0100	24 35	36 83	24 94	0 329		5042 6
OBS	0100	24 35	36 83	24 94			5042 6
STD	0150	24 10	36 90	25 07	0 479		5043 6
OBS	0150	24 10	36 90	25 07			5043 6
OBS	0175	23 04	36 89	25 37			5036 4
STD	0200†	22 19	36 80	25 55	0 617		5030 4
STD	0250†	20 54	36 61	25 86	0 736		5018 3
STD	0300†	18 97	36 44	26 15	0 841		5006 2
STD	0400†	16 06	36 13	26 62	1 018		4982 3
STD	0500†	13 47	35 85	26 97	1 158		4959 5
STD	0600†	11 20	35 61	27 23	1 269		4938 6
STD	0800†	07 60	35 25	27 55	1 437		4904 4
STD	1000	05 27	35 03	27 69	1 559		4884 0
→ OBS	1000	05 27	35 03	27 69			4884 0
STD	1200	04 45	35 00	27 76	1 661		4883 8
OBS	1300	04 14	34 99	27 78			4885 0
STD	1500	03 73					
OBS	1800	03 63	35 09*	27 92*			

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0003	05	21	1962	04	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	07		17	23 6	19 7		02	0	0	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	25 13	36 49	24 45	0 000		5042 0
OBS	0000	25 13	36 49	24 45			5042 0
STD	0010†	25 04	36 49	24 48	0 035		5041 8
STD	0020†	24 96	36 48	24 49	0 069		5041 7
STD	0030†	24 88	36 48	24 52	0 104		5041 6
OBS	0040	24 80	36 48	24 54			5041 6
STD	0050	24 64	36 58	24 66	0 171		5041 2
STD	0075	24 56	36 81	24 86	0 252		5042 8
OBS	0075	24 56	36 81	24 86			5042 8
STD	0100	24 93	37 03	24 92	0 330		5047 8
OBS	0100	24 93	37 03	24 92			5047 8
STD	0150	23 94	36 91	25 12	0 479		5042 4
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OBS	0175	22 69	36 85	25 45			5033 4
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OBS	0200	20 44	36 63	25 90			5014 8
OBS	0225	19 53	36 58	26 11			5007 8
STD	0250	18 83	36 53	26 25	0 708		5002 5
OBS	0250	18 83	36 53	26 25			5002 5
STD	0300	18 08	36 45	26 38	0 799		4997 9
OBS	0300	18 08	36 45	26 38			4997 9
STD	0400	16 66	36 27	26 59	0 966		4988 9
STD	0500	14 71	35 98	26 81	1 115		4973 3
OBS	0500	14 71	35 98	26 81			4973 3
STD	0600	12 23	35 59	27 02	1 245		4950 2
OBS	0600	12 23	35 59	27 02			4950 2
OBS	0650	11 06	35 44	27 13			4938 9
OBS	0700	10 30	35 35	27 19			4932 4
OBS	0750	09 32	35 25	27 28			4922 9
STD	0800	08 67	35 20	27 35	1 455		4917 5
OBS	0800	08 67	35 20	27 35			4917 5
STD	1000	05 29	35 05	27 70	1 597		4884 4
OBS	1000	05 29	35 05	27 70			4884 4
STD	1200	04 53	35 01	27 76	1 698		4884 9
OBS	1300	04 24	34 99	27 77			4886 3
STD	1500	03 82	34 97	27 80	1 836		4891 5
OBS	1800	03 60	34 97	27 82			4905 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0004	05	21	1962	07	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID. ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	12		16	23 8	20 4		01	8	2	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	Oxml/l ▼	V_t ▼
STD	0000	25 08	36 53	24 49	0 000		5041 7
OBS	0000	25 08	36 53	24 49			5041 7
STD	0010↑	24 97	36 52	24 52	0 034		5041 4
STD	0020↑	24 88	36 51	24 54	0 069		5041 2
STD	0030↑	24 81	36 51	24 56	0 103		5041 2
OBS	0040	24 76	36 50	24 57			5041 3
STD	0050	24 75	36 62	24 66	0 170		5042 2
STD	0075	24 74	36 85	24 84	0 250		5044 4
OBS	0075	24 74	36 85	24 84			5044 4
STD	0100	24 74	36 98	24 94	0 328		5046 2
OBS	0100	24 74	36 98	24 94			5046 2
STD	0150	24 06	36 95	25 12	0 478		5043 5
OBS	0150	24 06	36 95	25 12			5043 5
OBS	0175	22 34	36 85	25 55			5030 5
STD	0200	20 68	36 64	25 85	0 607		5016 9
OBS	0200	20 68	36 64	25 85			5016 9
OBS	0225	19 50	36 56	26 10			5007 5
STD	0250	18 79	36 53	26 26	0 709		5002 2
OBS	0250	18 79	36 53	26 26			5002 2
STD	0300	18 10	36 45	26 37	0 799		4998 1
OBS	0300	18 10	36 45	26 37			4998 1
STD	0400	16 62	36 29	26 58	0 967		4988 4
STD	0500	14 67	35 93	26 78	1 118		4972 6
OBS	0500	14 67	35 93	26 78			4972 6
STD	0600	12 24	35 49	26 94	1 254		4949 9
OBS	0600	12 24	35 49	26 94			4949 9
OBS	0650	11 38	35 51	27 12			4942 9
OBS	0700	10 29	35 35	27 19			4932 3
OBS	0750	09 39	35 26	27 28			4923 8
STD	0800	08 67	35 21	27 35	1 470		4917 5
OBS	0800	08 67	35 21	27 35			4917 5
STD	1000	05 27	35 03	27 69	1 612		4884 0
OBS	1000	05 27	35 03	27 69			4884 0
STD	1200	04 47	35 00	27 76	1 714		4884 0
OBS	1300	04 16	34 99	27 78			4885 2
STD	1500	03 74	34 97	27 81	1 851		4890 4
OBS	1800	03 57	34 96	27 82			4904 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0005	05	21	1962	10	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
00	00		13	23 3	19 9		01	8	1	00				7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_t ↓
STD	0000	25 05	36 51	24 49	0 000		5041 4
OBS	0000	25 05	36 51	24 49			5041 4
STD	0010†	24 82	36 52	24 56	0 034		5040 2
STD	0020†	24 74	36 53	24 60	0 068		5040 2
STD	0030†	24 68	36 54	24 62	0 101		5040 3
OBS	0040	24 64	36 55	24 64			5040 6
STD	0050	25 09	36 84	24 72	0 167		5045 7
STD	0075	25 38	37 15	24 87	0 247		5050 4
OBS	0075	25 38	37 15	24 87			5050 4
STD	0100	24 47	36 86	24 93	0 324		5043 6
OBS	0100	24 47	36 86	24 93			5043 6
STD	0150	23 93	36 93	25 14	0 474		5042 4
OBS	0150	23 93	36 93	25 14			5042 4
OBS	0175	23 15	36 98	25 41			5037 6
STD	0200	20 52	36 63	25 88	0 601		5015 5
OBS	0200	20 52	36 63	25 88			5015 5
OBS	0225	19 79	36 60	26 06			5010 2
STD	0250	18 88	36 53	26 24	0 703		5003 0
OBS	0250	18 88	36 53	26 24			5003 0
STD	0300	18 18	36 46	26 36	0 794		4998 9
OBS	0300	18 18	36 46	26 36			4998 9
STD	0400	15 86	36 25	26 76	0 954		4980 8
STD	0500	13 88	35 96	26 97	1 087		4964 4
OBS	0500		35 96				
STD	0600	12 24	35 59	27 02	1 210		4950 3
OBS	0600	12 24	35 59	27 02			4950 3
OBS	0650	11 55	35 49	27 07			4944 8
OBS	0700	10 43	35 36	27 18			4934 0
OBS	0750	09 70	35 29	27 25			4927 7
STD	0800	08 78	35 20	27 33	1 421		4918 9
OBS	0800	08 78	35 20	27 33			4918 9
STD	1000	05 23	35 03	27 69	1 966		4883 5
OBS	1000	05 23	35 03	27 69			4883 5
STD	1200	04 43	35 00	27 76	1 666		4883 5
OBS	1300	04 12	34 99	27 79			4884 7
STD	1500	03 70	34 98	27 82	1 800		4889 9
OBS	1800	03 54	34 97	27 83			4904 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0006	05	21	1962	13	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
00	00		16	25 0	20 8		01	8	2	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_t ▼
STD	0000	25 08	36 50	24 47	0 000		5041 6
OBS	0000	25 08	36 50	24 47			5041 6
STD	0010†	24 83	36 52	24 56	0 034		5040 3
STD	0020†	24 66	36 54	24 63	0 068		5039 6
STD	0030†	24 57	36 51	24 63	0 101		5039 3
OBS	0040	24 55	36 57	24 68			5040 0
STD	0050	24 92	36 77	24 72	0 167		5044 1
STD	0075	25 11	37 00	24 84	0 247		5047 7
OBS	0075	25 11	37 00	24 84			5047 7
STD	0100	24 27	36 83	24 97	0 324		5042 0
OBS	0100	24 27	36 83	24 97			5042 0
STD	0150	24 03	36 95	25 13	0 473		5043 2
OBS	0150	24 03	36 95	25 13			5043 2
OBS	0175	22 99	36 91	25 40			5036 1
STD	0200	20 72	36 64	25 84	0 602		5017 3
OBS	0200	20 72	36 64	25 84			5017 3
OBS	0225	19 41	36 57	26 13			5006 7
STD	0250	18 77	36 52	26 26	0 704		5002 0
OBS	0250	18 77	36 52	26 26			5002 0
STD	0300	18 16	36 46	26 37	0 795		4998 7
OBS	0300	18 16	36 46	26 37			4998 7
STD	0400	16 94	36 28	26 53	0 966		4991 7
STD	0500	15 00	35 99	26 75	1 121		4976 3
OBS	0500	15 00	35 99	26 75			4976 3
STD	0600	12 33	35 60	27 01	1 255		4951 4
OBS	0600	12 33	35 60	27 01			4951 4
OBS	0650	11 42	35 48	27 09			4943 3
OBS	0700	10 49	35 37	27 17			4934 7
OBS	0750	09 80	35 29	27 23			4928 9
STD	0800	08 95	35 22	27 32	1 469		4921 0
OBS	0800	08 95	35 22	27 32			4921 0
STD	1000	05 29	35 04	27 69	1 615		4884 3
OBS	1000	05 29	35 04	27 69			4884 3
STD	1200	04 47	35 00	27 76	1 716		4884 0
OBS	1300	04 15	34 99	27 78			4885 1
STD	1500	03 71	34 97	27 81	1 852		4890 0
OBS	1800	03 54	34 96	27 82			4904 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0007	05	21	1962	16	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
00	00		17	28 3	22 2		02	6	2	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_t ↓
STD	0000	25 52	36 50	24 33	0 000		5045 0
OBS	0000	25 52	36 50	24 33			5045 0
STD	0010†	25 27	36 52	24 43	0 036		5043 7
STD	0020†	25 09	36 53	24 49	0 070		5042 9
STD	0030†	24 99	36 55	24 54	0 105		5042 7
OBS	0040	24 96	36 56	24 55			5043 1
STD	0050	25 35	36 84	24 64	0 172		5047 6
STD	0075	25 43	37 12	24 83	0 253		5050 6
OBS	0075	25 43	37 12	24 83			5050 6
STD	0100	24 22	36 77	24 93	0 331		5041 4
OBS	0100	24 22	36 77	24 93			5041 4
STD	0150	23 63	36 93	25 23	0 478		5040 0
OBS	0150		36 93				
OBS	0175	22 46	36 82	25 49			5031 4
STD	0200	20 70	36 65	25 85	0 604		5017 1
OBS	0200	20 70	36 65	25 85			5017 1
OBS	0225	19 37	36 56	26 13			5006 3
STD	0250	18 64	36 51	26 28	0 706		5000 7
OBS	0250	18 64	36 51	26 28			5000 7
STD	0300	18 04	36 47	26 40	0 795		4997 6
OBS	0300	18 04	36 47	26 40			4997 6
STD	0400	16 68	36 25	26 57	0 962		4989 0
STD	0500	14 81	35 96	26 77	1 115		4974 2
OBS	0500	14 81	35 96	26 77			4974 2
STD	0600	12 44	35 61	27 00	1 248		4952 6
OBS	0600	12 44	35 61	27 00			4952 6
OBS	0650	11 41	35 49	27 10			4943 2
OBS	0700	10 59	35 39	27 17			4936 0
OBS	0750	09 66	35 29	27 26			4927 2
STD	0800	08 85	35 22	27 33	1 461		4919 8
OBS	0800	08 85	35 22	27 33			4919 8
STD	1000	05 38	35 05	27 69	1 606		4885 6
OBS	1000	05 38	35 05	27 69			4885 6
STD	1200	04 52	35 01	27 76	1 708		4884 7
OBS	1300	04 19	34 99	27 78			4885 6
STD	1500	03 74	34 99	27 83	1 842		4890 5
OBS	1800	03 59	34 98	27 83			4905 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0008	05	21	1962	19	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	18		16	28 3	22 2		01	8	1	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_f ↓
STD	0000	26 10	36 54	24 18	0 000		5049 5
OBS	0000	26 10	36 54	24 18			5049 5
STD	0010†	25 65	36 56	24 34	0 037		5046 7
STD	0020†	25 31	36 58	24 46	0 072		5044 8
STD	0030†	25 08	36 55	24 51	0 107		5043 4
OBS	0040	24 97	36 62	24 59			5043 4
STD	0050	25 37	36 90	24 68	0 174		5048 0
STD	0075	25 45	37 18	24 86	0 255		5050 9
OBS	0075	25 45	37 16	24 86			5050 9
STD	0100	24 20	36 80	24 96	0 332		5041 3
OBS	0100	24 20	36 80	24 96			5041 3
STD	0150	23 98	37 02	25 20	0 479		5043 1
OBS	0150	23 98	37 02	25 20			5043 1
OBS	0175	22 58	36 88	25 50			5032 6
STD	0200	20 75	36 69	25 87	0 605		5017 7
OBS	0200	20 75	36 69	25 87			5017 7
OBS	0225	19 41	36 60	26 15			5006 8
STD	0250	18 67	36 53	26 29	0 706		5001 1
OBS	0250	18 67	36 53	26 29			5001 1
STD	0300	17 98	36 46	26 41	0 795		4997 0
OBS	0300	17 98	36 46	26 41			4997 0
STD	0400	16 25	36 27	26 68	0 957		4984 8
STD	0500	14 37	35 99	26 89	1 097		4969 7
OBS	0500		35 99				
STD	0600	12 36	35 63	27 03	1 223		4951 8
OBS	0600	12 36	35 63	27 03			4951 8
OBS	0650	11 30	35 49	27 12			4941 9
OBS	0700	10 58	35 41	27 19			4935 9
OBS	0750	09 58	35 32	27 29			4926 4
STD	0800	08 74	35 25	27 38	1 430		4918 6
OBS	0800	08 74	35 25	27 38			4918 6
STD	1000	05 35	35 15	27 77	1 563		4885 6
OBS	1000	05 35	35 14*	27 77*			
STD	1200	04 46	35 07	27 81	1 652		4884 2
OBS	1300	04 13	35 04	27 83			4885 0
STD	1500	03 70	35 00	27 84	1 776		4890 0
OBS	1800	03 61	34 98	27 83			4905 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0009	05	21	1962	22	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	14		14	27 5	21 7			8	2	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 70	36 49	24 27	0 000		5046 3
OBS	0000	25 70	36 49	24 27			5046 3
STD	0010†	25 27	36 50	24 41	0 036		5043 6
STD	0020†	24 93	36 52	24 53	0 071		5041 6
STD	0030†	24 70	36 57	24 64	0 104		5040 6
OBS	0040	24 56	36 63	24 73			5040 3
STD	0050	24 76	36 79	24 79	0 170		5042 9
STD	0075	24 85	36 99	24 91	0 248		5045 7
OBS	0075	24 85	36 99	24 91			5045 7
STD	0100	24 38	36 93	25 01	0 324		5043 2
OBS	0100	24 38	36 93	25 01			5043 2
STD	0150	23 97	36 95	25 15	0 471		5042 8
OBS	0150	23 97	36 95	25 15			5042 8
OBS	0175	22 90	36 88	25 41			5035 2
STD	0200	20 94	36 68	25 81	0 600		5019 3
OBS	0200	20 94	36 68	25 81			5019 3
OBS	0225	19 47	36 56	26 11			5007 2
STD	0250	18 64	36 53	26 30	0 703		5000 8
OBS	0250	18 64	36 53	26 30			5000 8
STD	0300	17 94	36 46	26 42	0 791		4996 6
OBS	0300	17 94	36 46	26 42			4996 6
STD	0400	16 46	36 23	26 60	0 956		4986 7
STD	0500	14 64	35 95	26 80	1 105		4972 4
OBS	0500	14 64	35 95	26 80			4972 4
STD	0600	12 49	35 63	27 00	1 236		4953 3
OBS	0600	12 49	35 63	27 00			4953 3
OBS	0650	11 40	35 48	27 09			4943 0
OBS	0700	10 59	35 40	27 18			4936 0
OBS	0750	09 70	35 29	27 25			4927 7
STD	0800	08 86	35 22	27 33	1 450		4919 9
OBS	0800	08 86	35 22	27 33			4919 9
STD	1000	05 30	35 04	27 69	1 594		4884 4
OBS	1000	05 30	35 04	27 69			4884 4
STD	1200	04 44	35 01	27 77	1 694		4883 7
OBS	1300	04 12	35 00	27 80			4884 7
STD	1500	03 70	34 98	27 82	1 827		4889 9
OBS	1800	03 61	34 97	27 82			4905 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0010	05	22	1962	01	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	14		15	24 9	20 7		01	6	2	14	1					

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 52	36 52	24 35	0 000		5045 0
OBS	0000	25 52	36 52	24 35			5045 0
STD	0010†	25 31	36 54	24 43	0 035		5044 1
STD	0020†	25 13	36 57	24 51	0 070		5043 3
STD	0030†	24 99	36 56	24 54	0 105		5042 8
OBS	0040	24 89	36 61	24 61			5042 7
STD	0050	24 88	36 76	24 73	0 171		5043 7
STD	0075	24 84	36 96	24 89	0 250		5045 5
OBS	0075	24 84	36 96	24 89			5045 5
STD	0100	24 37	36 92	25 00	0 327		5043 1
OBS	0100	24 37	36 92	25 00			5043 1
STD	0150	24 00	36 97	25 15	0 474		5043 1
OBS	0150	24 00	36 97	25 15			5043 1
OBS	0175	22 93	36 90	25 41			5035 6
STD	0200	20 76	36 67	25 85	0 602		5017 7
OBS	0200	20 76	36 67	25 85			5017 7
OBS	0225	19 57	36 60	26 11			5008 2
STD	0250	18 79	36 54	26 27	0 704		5002 2
OBS	0250	18 79	36 54	26 27			5002 2
STD	0300	18 07	36 47	26 40	0 794		4997 9
OBS	0300	18 07	36 47	26 40			4997 9
STD	0400	16 69	36 26	26 57	0 961		4989 1
STD	0500	14 81	35 98	26 79	1 112		4974 3
OBS	0500	14 81	35 98	26 79			4974 3
STD	0600	12 44	35 62	27 00	1 244		4952 7
OBS	0600	12 44	35 62	27 00			4952 7
OBS	0650	11 59	35 51	27 08			4945 3
OBS	0700	10 59	35 40	27 18			4936 0
OBS	0750	09 69	35 32	27 27			4927 7
STD	0800	08 94	35 23	27 33	1 458		4920 9
OBS	0800	08 94	35 23	27 33			4920 9
STD	1000	05 28	35 05	27 70	1 602		4884 2
OBS	1000	05 28	35 05	27 70			4884 2
STD	1200	04 47	35 01	27 76	1 702		4884 1
OBS	1300	04 16	34 99	27 78			4885 2
STD	1500	03 74	34 97	27 81	1 837		4890 4
OBS	1800	03 61	34 97	27 82			4905 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0011	05	22	1962	04	24 . 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	16		15	24 9	21 1		02	0	0	14	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ m l/l ▼	V_f ▼
STD	0000	25 31	36 51	24 41	0 000		5043 4
OBS	0000	25 31	36 51	24 41			5043 4
STD	0010†	25 20	36 52	24 45	0 035		5043 2
STD	0020†	25 12	36 56	24 50	0 070		5043 2
STD	0030†	25 06	36 61	24 56	0 104		5043 5
OBS	0040	25 04	36 68	24 62			5044 1
STD	0050	25 08	36 88	24 76	0 170		5045 7
STD	0075	25 19	37 08	24 87	0 249		5048 7
OBS	0075	25 19	37 08	24 87			5048 7
STD	0100	24 35	36 88	24 98	0 326		5042 8
OBS	0100	24 35	36 88	24 98			5042 8
STD	0150	24 04	36 94	25 12	0 475		5043 3
OBS	0150	24 04	36 94	25 12			5043 3
OBS	0175	23 17	36 96	25 39			5037 7
STD	0200	20 61	36 66	25 88	0 603		5016 4
OBS	0200	20 61	36 66	25 88			5016 4
OBS	0225	19 34	36 58	26 16			5006 1
STD	0250	18 72	36 53	26 28	0 704		5001 5
OBS	0250	18 72	36 53	26 28			5001 5
STD	0300	18 02	36 46	26 40	0 793		4997 4
OBS	0300	18 02	36 46	26 40			4997 4
STD	0400	16 71	36 26	26 57	0 961		4989 3
STD	0500	14 80	35 98	26 79	1 112		4974 2
OBS	0500	14 80	35 98	26 79			4974 2
STD	0600	12 28	35 61	27 03	1 243		4950 8
OBS	0600	12 28	35 61	27 03			4950 8
OBS	0650	11 21	35 47	27 12			4940 8
OBS	0700	10 47	35 39	27 19			4934 6
OBS	0750	09 70	35 29	27 25			4927 7
STD	0800	08 83	35 22	27 34	1 453		4919 6
OBS	0800	08 83	35 22	27 34			4919 6
STD	1000	05 44	35 05	27 68	1 598		4886 3
OBS	1000	05 44	35 05	27 68			4886 3
STD	1200	04 43	35 01	27 77	1 700		4883 5
OBS	1300	04 06	34 99	27 79			4883 9
STD	1500	03 60	34 97	27 82	1 831		4888 5
OBS	1800	03 60	34 97	27 82			4905 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0012	05	22	1962	07	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	16		15	24 6	21 1		01	6	2	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	D.m.l/t ▼	V_f ▼
STD	0000	25 22	36 52	24 44	0 000		5042 8
OBS	0000	25 22	36 52	24 44			5042 8
STD	0010†	25 14	36 53	24 47	0 035		5042 7
STD	0020†	25 08	36 56	24 52	0 069		5042 9
STD	0030†	25 03	36 61	24 57	0 104		5043 3
OBS	0040	24 99	36 67	24 63			5043 7
STD	0050	24 98	36 82	24 74	0 170		5044 7
STD	0075	24 97	37 00	24 88	0 249		5046 7
OBS	0075	24 97	37 00	24 88			5046 7
STD	0100	24 32	36 88	24 99	0 326		5042 5
OBS	0100	24 32	36 88	24 99			5042 5
STD	0150	23 95	37 00	25 19	0 472		5042 8
OBS	0150	23 95	37 00	25 19			5042 8
OBS	0175	23 26	36 95	25 36			5038 4
STD	0200	20 70	36 67	25 86	0 599		5017 2
OBS	0200	20 70	36 67	25 86			5017 2
OBS	0225	19 53	36 59	26 12			5007 8
STD	0250	18 80	36 54	26 27	0 701		5002 3
OBS	0250	18 80	36 54	26 27			5002 3
STD	0300	17 99	36 45	26 40	0 790		4997 1
OBS	0300	17 99	36 45	26 40			4997 1
STD	0400	16 82	36 28	26 56	0 958		4990 5
STD	0500	14 92	36 00	26 78	1 111		4975 5
OBS	0500	14 92	36 00	26 78			4975 5
STD	0600	12 28	35 62	27 03	1 242		4950 9
OBS	0600	12 28	35 62	27 03			4950 9
OBS	0650	11 22	35 49	27 14			4941 0
OBS	0700	10 38	35 38	27 20			4933 5
OBS	0750	09 66	35 29	27 26			4927 2
STD	0800	08 99	35 23	27 32	1 453		4921 6
OBS	0800	08 99	35 23	27 32			4921 6
STD	1000	05 35	35 06	27 70	1 598		4885 2
OBS	1000	05 35	35 06	27 70			4885 2
STD	1200	04 46	35 06	27 81	1 695		4884 1
OBS	1300	04 12	35 05	27 83			4885 0
STD	1500	03 75	35 03	27 86	1 818		4890 8
OBS	1800	03 56	35 00	27 85			4904 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0013	05	22	1962	10	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	18		15	24 1	21 7		02	6	2	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_f ▼
STD	0000	25 12	36 57	24 51	0 000		5042 2
OBS	0000	25 12	36 57	24 51			5042 2
STD	0010†	24 96	36 58	24 57	0 034		5041 5
STD	0020†	24 83	36 59	24 61	0 068		5041 1
STD	0030†	24 72	36 58	24 64	0 101		5040 8
OBS	0040	24 63	36 61	24 69			5040 7
STD	0050	24 62	36 68	24 75	0 167		5041 4
STD	0075	24 52	36 81	24 87	0 246		5042 5
OBS	0075	24 52	36 81	24 87			5042 5
STD	0100	24 33	36 88	24 99	0 323		5042 6
OBS	0100	24 33	36 88	24 99			5042 6
STD	0150	24 09	36 97	25 13	0 471		5043 8
OBS	0150	24 09	36 97	25 13			5043 8
OBS	0175	23 51	36 98	25 30			5040 6
STD	0200	20 90	36 68	25 82	0 600		5019 0
OBS	0200	20 90	36 68	25 82			5019 0
OBS	0225	19 68	36 60	26 08			5009 2
STD	0250	18 91	36 54	26 24	0 704		5003 3
OBS	0250	18 91	36 54	26 24			5003 3
STD	0300	18 01	36 48	26 42	0 794		4997 4
OBS	0300	18 01	36 48	26 42			4997 4
STD	0400	16 70	36 26	26 57	0 960		4989 2
STD	0500	14 82	35 98	26 78	1 112		4974 4
OBS	0500	14 82	35 98	26 78			4974 4
STD	0600	12 38	35 65	27 04	1 242		4952 1
OBS	0600	12 38	35 65	27 04			4952 1
OBS	0650	11 49	35 50	27 09			4944 1
OBS	0700	10 53	35 38	27 17			4935 2
OBS	0750	09 68	35 29	27 25			4927 5
STD	0800	08 98	35 21	27 31	1 455		4921 4
OBS	0800	08 98	35 21	27 31			4921 4
STD	1000	05 35	35 05	27 69	1 602		4885 2
OBS	1000	05 35	35 05	27 69			4885 2
STD	1200	04 41	35 01	27 77	1 702		4883 2
OBS	1300	04 06	34 99	27 79			4883 9
STD	1500	03 63	34 97	27 82	1 834		4888 9
OBS	1800	03 61	34 97	27 82			4905 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0014	05	22	1962	13	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	18		16	24 1	21 4		01	8	1	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_f ↓
STD	0000	25 07	36 53	24 50	0 000		5041 7
OBS	0000	25 07	36 53	24 50			5041 7
STD	0010†	24 91	36 54	24 55	0 034		5041 0
STD	0020†	24 77	36 55	24 60	0 068		5040 5
STD	0030†	24 65	36 58	24 66	0 101		5040 2
OBS	0040	24 56	36 61	24 71			5040 2
STD	0050	24 54	36 68	24 77	0 166		5040 8
STD	0075	24 42	36 79	24 89	0 245		5041 6
OBS	0075	24 42	36 79	24 89			5041 6
STD	0100	24 22	36 83	24 98	0 322		5041 6
OBS	0100	24 22	36 83	24 98			5041 6
STD	0150	24 03	36 97	25 14	0 470		5043 3
OBS	0150	24 03	36 97	25 14			5043 3
OBS	0175	23 32	36 91	25 31			5038 8
STD	0200	20 90	36 68	25 82	0 599		5019 0
OBS	0200	20 90	36 68	25 82			5019 0
OBS	0225	19 65	36 60	26 09			5009 0
STD	0250	18 88	36 55	26 25	0 702		5003 1
OBS	0250	18 88	36 55	26 25			5003 1
STD	0300	18 10	36 47	26 39	0 792		4998 2
OBS	0300	18 10	36 47	26 39			4998 2
STD	0400	16 15	36 21	26 66	0 956		4983 5
STD	0500	14 28	35 93	26 86	1 099		4968 5
OBS	0500	15 67*	35 93	26 56*			
STD	0600	12 48	35 62	26 99	1 227		4953 1
OBS	0600	12 48	35 62	26 99			4953 1
OBS	0650	11 61	35 51	27 08			4945 6
OBS	0700	10 40	35 37	27 19			4933 7
OBS	0750	09 53	35 27	27 26			4925 6
STD	0800	08 97	35 23	27 32	1 442		4921 3
OBS	0800	08 97	35 23	27 32			4921 3
STD	1000	05 29	35 06	27 71	1 586		4884 4
OBS	1000	05 29	35 06	27 71			4884 4
STD	1200	04 40	35 02	27 78	1 684		4883 2
OBS	1300	04 07	35 00	27 80			4884 0
STD	1500	03 65	34 98	27 83	1 814		4889 2
OBS	1800	03 59	34 97	27 83			4904 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0015	05	22	1962	16	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	18		16	25 6	22 1		02	6	1	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_2 ml/l ▼	V_f ▼
STD	0000	25 46	36 52	24 37	0 000		5044 6
OBS	0000	25 46	36 52	24 37			5044 6
STD	0010†	25 38	36 58	24 44	0 035		5044 7
STD	0020†	25 29	36 64	24 51	0 070		5044 8
STD	0030†	25 20	36 69	24 58	0 104		5044 9
OBS	0040	25 09	36 74	24 65			5044 7
STD	0050	24 99	36 78	24 71	0 171		5044 7
STD	0075	24 65	36 85	24 87	0 251		5043 7
OBS	0075	24 65	36 85	24 87			5043 7
STD	0100	24 20	36 89	25 03	0 327		5041 6
OBS	0100	24 20	36 89	25 03			5041 6
STD	0150	24 01	36 98	25 16	0 473		5043 2
OBS	0150	24 01	36 98	25 16			5043 2
OBS	0175	22 88	36 92	25 44			5035 2
STD	0200	20 78	36 66	25 84	0 601		5017 9
OBS	0200	20 78	36 66	25 84			5017 9
OBS	0225	19 42	36 59	26 14			5006 8
STD	0250	18 71	36 53	26 28	0 703		5001 4
OBS	0250	18 71	36 53	26 28			5001 4
STD	0300	18 00	36 46	26 41	0 793		4997 2
OBS	0300	18 00	36 46	26 41			4997 2
STD	0400	16 59	36 25	26 59	0 959		4988 1
STD	0500	14 69	35 96	26 80	1 109		4973 0
OBS	0500	14 69	35 96	26 80			4973 0
STD	0600	12 30	35 60	27 01	1 240		4951 0
OBS	0600	12 30	35 60	27 01			4951 0
OBS	0650	11 40	35 48	27 09			4943 0
OBS	0700	10 28	35 35	27 20			4932 2
OBS	0750	09 40	35 26	27 28			4924 0
STD	0800	08 78	35 21	27 34	1 451		4918 9
OBS	0800	08 78	35 21	27 34			4918 9
STD	1000	05 33	35 05	27 70	1 594		4884 9
OBS	1000	05 33	35 05	27 70			4884 9
STD	1200	04 44	35 01	27 77	1 694		4883 7
OBS	1300	04 11	35 00	27 80			4884 6
STD	1500	03 69	34 98	27 82	1 827		4889 7
OBS	1800	03 65	34 97	27 82			4905 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0016	05	22	1962	19	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	14		15	26 1	22 2		01	0	0	15	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	D dyn m/t ↓	V_f ↓
STD	0000	25 74	36 57	24 32	0 000		5046 9
OBS	0000	25 74	36 57	24 32			5046 9
STD	0010†	25 37	36 58	24 44	0 036		5044 7
STD	0020†	25 05	36 58	24 54	0 070		5042 8
STD	0030†	24 79	36 59	24 63	0 104		5041 3
OBS	0040	24 58	36 59	24 69			5040 3
STD	0050	24 48	36 66	24 77	0 169		5040 3
STD	0075	24 29	36 78	24 92	0 248		5040 6
OBS	0075	24 29	36 78	24 92			5040 6
STD	0100	24 18	36 85	25 01	0 324		5041 3
OBS	0100	24 18	36 85	25 01			5041 3
STD	0150	23 92	36 97	25 18	0 470		5042 4
OBS	0150	23 92	36 97	25 18			5042 4
OBS	0175	22 59	36 87	25 49			5032 7
STD	0200	20 96	36 68	25 80	0 599		5019 5
OBS	0200	20 96	36 68	25 80			5019 5
OBS	0225	19 41	36 58	26 14			5006 7
STD	0250	18 84	36 54	26 26	0 702		5002 7
OBS	0250	18 84	36 54	26 26			5002 7
STD	0300	18 00	36 46	26 41	0 792		4997 2
OBS	0300	18 00	36 46	26 41			4997 2
STD	0400	16 66	36 25	26 57	0 959		4988 8
STD	0500	14 69	35 96	26 80	1 110		4973 0
OBS	0500	14 69	35 96	26 80			4973 0
STD	0600	12 09	35 58	27 04	1 239		4948 6
OBS	0600	12 09	35 58	27 04			4948 6
OBS	0650	11 12	35 45	27 12			4939 7
OBS	0700	10 12	35 33	27 21			4930 2
OBS	0750	09 23	35 25	27 30			4921 9
STD	0800	08 65	35 21	27 36	1 446		4917 3
OBS	0800	08 65	35 21	27 36			4917 3
STD	1000	05 19	35 04	27 71	1 586		4883 0
OBS	1000	05 19	35 04	27 71			4883 0
STD	1200	04 40	35 01	27 77	1 684		4883 1
OBS	1300	04 10	35 00	27 80			4884 5
STD	1500	03 72	34 98	27 82	1 817		4890 2
OBS	1800	03 65	34 97	27 82			4905 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0017	05	22	1962	23	24 . 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ℉	WET ℉			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	18		14	25 6.	21 7		02	6	2	13	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	25 99	36 62	24 28	0 000		5048 9
OBS	0000	25 99	36 62	24 28			5048 9
STD	0010↑	25 44	36 62	24 45	0 036		5045 4
STD	0020↑	24 99	36 62	24 59	0 070		5042 5
STD	0030↑	24 64	36 62	24 70	0 103		5040 3
OBS	0040	24 39	36 62	24 77			5038 9
STD	0050	24 38	36 68	24 82	0 168		5039 6
STD	0075	24 32	36 80	24 93	0 245		5040 9
OBS	0075	24 32	36 80	24 93			5040 9
STD	0100	24 23	36 87	25 01	0 321		5041 8
OBS	0100	24 23	36 87	25 01			5041 8
STD	0150	23 99	36 97	25 16	0 468		5043 0
OBS	0150	23 99	36 97	25 16			5043 0
OBS	0175	23 23	36 94	25 36			5038 1
STD	0200	21 09	36 70	25 78	0 598		5020 7
OBS	0200	21 09	36 70	25 78			5020 7
OBS	0225	19 48	36 59	26 13			5007 4
STD	0250	18 73	36 53	26 28	0 701		5001 6
OBS	0250	18 73	36 53	26 28			5001 6
STD	0300	17 99	36 46	26 41	0 791		4997 1
OBS	0300	17 99	36 46	26 41			4997 1
STD	0400	16 63	36 25	26 58	0 957		4988 5
STD	0500	14 69	35 96	26 80	1 107		4973 0
OBS	0500	14 69	35 96	26 80			4973 0
STD	0600	12 18	35 59	27 03	1 237		4949 6
OBS	0600	12 18	35 59	27 03			4949 6
OBS	0650	11 28	35 47	27 11			4941 6
OBS	0700	10 15	35 35	27 22			4930 6
OBS	0750	09 28	35 25	27 29			4922 5
STD	0800	08 73	35 21	27 35	1 446		4918 3
OBS	0800	08 73	35 21	27 35			4918 3
STD	1000	05 14	35 04	27 71	1 587		4882 3
OBS	1000	05 14	35 04	27 71			4882 3
STD	1200	04 35	35 00	27 77	1 685		4882 4
OBS	1300	04 06	34 99	27 79			4883 9
STD	1500	03 69	34 97	27 82	1 818		4889 7
OBS	1800	03 66	34 97	27 82			4905 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0018	05	23	1962	01	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	14		05	25 0	22 0		01	6	3	15	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_t ↓
STD	0000	25 38	36 56	24 42	0 000		5044 1
OBS	0000	25 38	36 56	24 42			5044 1
STD	0010†	25 06	36 57	24 53	0 035		5042 3
STD	0020†	24 79	36 58	24 62	0 068		5040 8
STD	0030†	24 57	36 60	24 70	0 101		5039 7
OBS	0040	24 40	36 62	24 77			5039 0
STD	0050	24 31	36 65	24 82	0 166		5038 9
STD	0075	24 20	36 74	24 92	0 244		5039 7
OBS	0075	24 20	36 74	24 92			5039 7
STD	0100	24 28	36 87	24 99	0 320		5042 2
OBS	0100	24 28	36 87	24 99			5042 2
STD	0150	24 02	36 96	25 14	0 468		5043 2
OBS	0150	24 02	36 96	25 14			5043 2
OBS	0175	23 18	36 93	25 36			5037 7
STD	0200	20 96	36 68	25 80	0 597		5019 5
OBS	0200	20 96	36 68	25 80			5019 5
OBS	0225	19 67	36 62	26 10			5009 2
STD	0250	18 94	36 57	26 25	0 701		5003 7
OBS	0250	18 94	36 57	26 25			5003 7
STD	0300	18 04	36 47	26 40	0 791		4997 6
OBS	0300	18 04	36 47	26 40			4997 6
STD	0400	16 82	36 27	26 55	0 959		4990 4
STD	0500	14 88	35 98	26 77	1 112		4975 0
OBS	0500	14 88	35 98	26 77			4975 0
STD	0600	12 21	35 60	27 03	1 243		4950 0
OBS	0600	12 21	35 60	27 03			4950 0
OBS	0650	11 12	35 44	27 11			4939 6
OBS	0700	10 06	35 33	27 22			4929 5
OBS	0750	09 20	35 25	27 30			4921 5
STD	0800	08 46	35 20	27 38	1 448		4914 9
OBS	0800	08 46	35 20	27 38			4914 9
STD	1000	05 20	35 04	27 70	1 586		4883 1
OBS	1000	05 20	35 04	27 70			4883 1
STD	1200	04 33	35 00	27 77	1 684		4882 1
OBS	1300	04 02	34 99	27 80			4883 3
STD	1500	03 88	34 97	27 80	1 821		4892 3
OBS	1800	03 67	34 97	27 82			4906 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0019	05	23	1962	04	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR	AMT.	DIR	AMT.		COL.	TRANS.
02	27		16	25 0	22 0		02		0	19	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S ‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_t ▼
STD	0000	25 68	36 60	24 36	0 000		5046 5
OBS	0000	25 68	36 60	24 36			5046 5
STD	0010†	25 34	36 61	24 47	0 035		5044 6
STD	0020†	25 04	36 62	24 57	0 069		5042 8
STD	0030†	24 79	36 61	24 64	0 103		5041 4
OBS	0040	24 59	36 63	24 72			5040 5
STD	0050	24 47	36 66	24 78	0 168		5040 2
STD	0075	24 27	36 74	24 90	0 247		5040 3
OBS	0075	24 27	36 74	24 90			5040 3
STD	0100	24 22	36 83	24 98	0 323		5041 6
OBS	0100	24 22	36 83	24 98			5041 6
STD	0150	24 03	36 94	25 12	0 472		5043 2
OBS	0150	24 03	36 94	25 12			5043 2
OBS	0175	23 39	36 95	25 32			5039 5
STD	0200	21 50	36 72	25 68	0 605		5024 3
OBS	0200	21 50	36 72	25 68			5024 3
OBS	0225	19 70	36 59	26 07			5009 4
STD	0250	18 91	36 55	26 25	0 711		5003 4
OBS	0250	18 91	36 55	26 25			5003 4
STD	0300	18 09	36 47	26 39	0 802		4998 1
OBS	0300	18 09	36 47	26 39			4998 1
STD	0400	16 56	36 22	26 57	0 969		4987 7
STD	0500	14 57	35 92	26 79	1 120		4971 6
OBS	0500	14 57	35 92	26 79			4971 6
STD	0600	12 12	35 57	27 03	1 250		4948 9
OBS	0600	12 12	35 57	27 03			4948 9
OBS	0650	11 05	35 44	27 13			4938 8
OBS	0700	09 85	35 30	27 23			4926 8
OBS	0750	09 15	35 24	27 30			4920 8
STD	0800	08 57	35 20	27 36	1 458		4916 3
OBS	0800	08 57	35 20	27 36			4916 3
STD	1000	05 24	35 05	27 71	1 597		4883 7
OBS	1000	05 24	35 05	27 71			4883 7
STD	1200	04 35	35 02	27 79	1 694		4882 5
OBS	1300	04 03	35 01	27 81			4883 5
STD	1500	03 88	34 99	27 81	1 827		4892 4
OBS	1800	03 66	34 97	27 82			4905 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0020	05	23	1962	07	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
00	00		15	25 0	22 1		01	0	4	15	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	$\Sigma\Delta D$ ▼	O_2 ml/l	V_t ▼
STD	0000	25 47	36 59	24 42	0 000		5044 9
OBS	0000	25 47	36 59	24 42			5044 9
STD	0010†	25 19	36 60	24 51	0 035		5043 4
STD	0020†	24 95	36 62	24 60	0 069		5042 2
STD	0030†	24 74	36 63	24 67	0 102		5041 1
OBS	0040	24 57	36 65	24 74			5040 4
STD	0050	24 46	36 67	24 79	0 167		5040 2
STD	0075	24 27	36 73	24 89	0 245		5040 2
OBS	0075	24 27	36 73	24 89			5040 2
STD	0100	24 21	36 79	24 95	0 322		5041 3
OBS	0100	24 21	36 79	24 95			5041 3
STD	0150	24 03	36 89	25 08	0 472		5043 0
OBS	0150	24 03	36 89	25 08			5043 0
OBS	0175	23 21	36 94	25 36			5038 0
STD	0200	21 06	36 68	25 77	0 604		5020 4
OBS	0200	21 06	36 68	25 77			5020 4
OBS	0225	19 80	36 60	26 05			5010 3
STD	0250	18 97	36 55	26 23	0 709		5003 9
OBS	0250	18 97	36 55	26 23			5003 9
STD	0300	18 07	36 46	26 39	0 800		4997 9
OBS	0300	18 07	36 46	26 39			4997 9
STD	0400	16 73	36 29	26 55	0 968		4989 5
STD	0500	14 76	35 96	26 76	1 120		4973 7
OBS	0500	14 76	35 96	26 78			4973 7
STD	0600	12 15	35 58	27 03	1 251		4949 3
OBS	0600	12 15	35 58	27 03			4949 3
OBS	0650	11 01	35 43	27 13			4938 3
OBS	0700	10 09	35 33	27 21			4929 8
OBS	0750	08 98	35 22	27 31			4918 7
STD	0800	08 52	35 20	27 37	1 457		4915 7
OBS	0800	08 52	35 20	27 37			4915 7
STD	1000	05 17	35 04	27 71	1 596		4882 7
OBS	1000	05 17	35 04	27 71			4882 7
STD	1200	04 40	35 00	27 76	1 695		4883 1
OBS	1300	04 11	34 99	27 79			4884 6
STD	1500	03 74	34 97	27 81	1 830		4890 4
OBS	1800	03 67	34 97	27 82			4906 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0021	05	23	1962	10	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
00	00		15	24 9	22 1		02	6	5	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_2 m l/l ▼	V_t ▼
STD	0000	25 58	36 68	24 45	0 000		5046 1
OBS	0000	25 58	36 68	24 45			5046 1
STD	0010†	25 23	36 64	24 53	0 035		5043 8
STD	0020†	24 93	36 62	24 61	0 068		5042 0
STD	0030†	24 68	36 62	24 68	0 102		5040 6
OBS	0040	24 49	36 60	24 73			5039 6
STD	0050	24 40	36 62	24 77	0 166		5039 5
STD	0075	24 23	36 68	24 86	0 246		5039 7
OBS	0075	24 23	36 68	24 86			5039 7
STD	0100	24 16	36 78	24 96	0 323		5040 9
OBS	0100	24 16	36 78	24 96			5040 9
STD	0150	24 00	36 90	25 10	0 472		5042 8
OBS	0150	24 00	36 90	25 10			5042 8
OBS	0175	23 38	36 95	25 32			5039 4
STD	0200	21 80	36 78	25 64	0 606		5027 1
OBS	0200	21 80	36 78	25 64			5027 1
OBS	0225	20 09	36 62	25 99			5013 0
STD	0250	19 09	36 56	26 21	0 715		5005 1
OBS	0250	19 09	36 56	26 21			5005 1
STD	0300	18 25	36 48	26 36	0 807		4999 6
OBS	0300	18 25	36 48	26 36			4999 6
STD	0400	16 99	36 28	26 52	0 979		4992 1
STD	0500	15 03	36 01	26 76	1 134		4976 7
OBS	0500	15 03	36 01	26 76			4976 7
STD	0600	12 37	35 67	27 06	1 265		4952 1
OBS	0600	12 37	35 67	27 06			4952 1
OBS	0650	11 26	35 48	27 12			4941 4
OBS	0700	10 24	35 34	27 19			4931 6
OBS	0750	09 24	35 26	27 30			4922 0
STD	0800	08 56	35 19	27 36	1 470		4916 1
OBS	0800	08 56	35 19	27 36			4916 1
STD	1000	05 04	35 03	27 72	1 609		4880 9
OBS	1000	05 04	35 03	27 72			4880 9
STD	1200	04 29	35 00	27 78	1 706		4881 6
OBS	1300	04 02	34 99	27 80			4883 3
STD	1500	03 68	34 98	27 82	1 836		4889 6
OBS	1800	03 68	34 97	27 82			4906 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0022	05	23	1962	13	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	16		17	25 6	22 2		01	8	1	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M) ↓	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_t ↓
STD	0000	25 52	36 72	24 50	0 000		5045 8
OBS	0000	25 52	36 72	24 50			5045 8
STD	0010†	25 39	36 74	24 56	0 034		5045 4
STD	0020†	25 25	36 74	24 60	0 068		5044 9
STD	0030†	25 10	36 75	24 65	0 101		5044 3
OBS	0040	24 93	36 76	24 71			5043 6
STD	0050	24 67	36 72	24 76	0 166		5042 0
STD	0075	24 23	36 69	24 87	0 246		5039 8
OBS	0075	24 23	36 69	24 87			5039 8
STD	0100	24 10	36 76	24 96	0 323		5040 4
OBS	0100	24 10	36 76	24 96			5040 4
STD	0150	24 09	36 93	25 09	0 472		5043 6
OBS	0150	24 09	36 93	25 09			5043 6
OBS	0175	23 60	36 91	25 23			5041 0
STD	0200	22 40	36 82	25 51	0 610		5032 2
OBS	0200	22 40	36 82	25 51			5032 2
OBS	0225	20 54	36 65	25 89			5017 1
STD	0250	19 18	36 56	26 18	0 722		5005 9
OBS	0250	19 18	36 56	26 18			5005 9
STD	0300	18 27	36 49	26 36	0 815		4999 9
OBS	0300	18 27	36 49	26 36			4999 9
STD	0400	16 86	36 28	26 55	0 985		4990 9
STD	0500	14 88	35 99	26 78	1 138		4975 1
OBS	0500	14 88	35 99	26 78			4975 1
STD	0600	12 34	35 61	27 01	1 270		4951 5
OBS	0600	12 34	35 61	27 01			4951 5
OBS	0650	11 33	35 47	27 10			4942 2
OBS	0700	10 21	35 35	27 21			4931 3
OBS	0750	09 15	35 25	27 31			4920 9
STD	0800	08 44	35 20	27 38	1 476		4914 7
OBS	0800	08 44	35 20	27 38			4914 7
STD	1000	05 06	35 04	27 72	1 612		4881 2
OBS	1000	05 06	35 04	27 72			4881 2
STD	1200	04 32	35 00	27 77	1 708		4882 0
OBS	1300	04 05	34 99	27 79			4883 7
STD	1500	03 71	34 98	27 82	1 840		4890 0
OBS	1800	03 68	34 98	27 82			4906 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0023	05	23	1962	16	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	18		17	25 6	22 2		02	0	0	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ml/l	V_r ↓
STD	0000	25 72	36 52	24 29	0 000		5046 6
OBS	0000	25 72	36 52	24 29			5046 6
STD	0010†	25 53	36 57	24 38	0 036		5045 8
STD	0020†	25 34	36 62	24 48	0 071		5045 1
STD	0030†	25 13	36 65	24 57	0 105		5044 2
OBS	0040	24 92	36 68	24 66			5043 2
STD	0050	24 58	36 69	24 77	0 171		5041 2
STD	0075	24 12	36 72	24 93	0 250		5039 0
OBS	0075	24 12	36 72	24 93			5039 0
STD	0100	24 23	36 76	24 92	0 327		5041 4
OBS	0100	24 23	36 76	24 92			5041 4
STD	0150	24 22	36 94	25 06	0 478		5044 7
OBS	0150	24 22	36 94	25 06			5044 7
OBS	0175	23 60	36 88	25 20			5040 9
STD	0200	22 40	36 82	25 51	0 616		5032 2
OBS	0200	22 40	36 82	25 51			5032 2
OBS	0225	20 46	36 63	25 90			5016 3
STD	0250	19 37	36 57	26 14	0 730		5007 7
OBS	0250	19 37	36 57	26 14			5007 7
STD	0300	18 25	36 48	26 36	0 823		4999 6
OBS	0300	18 25	36 48	26 36			4999 6
STD	0400	16 67	36 24	26 56	0 993		4988 8
STD	0500	14 68	35 95	26 79	1 144		4972 8
OBS	0500	14 68	35 95	26 79			4972 8
STD	0600	12 28	35 61	27 03	1 275		4950 8
OBS	0600	12 28	35 61	27 03			4950 8
OBS	0650	11 26	35 45	27 10			4941 3
OBS	0700	10 13	35 33	27 21			4930 3
OBS	0750	09 32	35 25	27 28			4922 9
STD	0800	08 38	35 18	27 38	1 481		4913 8
OBS	0800	08 38	35 18	27 38			4913 8
STD	1000	05 09	35 02	27 70	1 619		4881 5
OBS	1000	05 09	35 02	27 70			4881 5
STD	1200	04 27	35 00	27 78	1 716		4881 3
OBS	1300	03 98	34 99	27 80			4882 8
STD	1500	03 88	34 98	27 80	1 851		4892 4
OBS	1800	03 72	34 98	27 82			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0024	05	23	1962	19	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	16		16	27 0	22 9		01	1	2	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_t ↓
STD	0000	25 90	36 . 58	24 28	0 000		5048 1
OBS	0000	25 90	36 58	24 28			5048 1
STD	0010↑	25 72	36 67	24 40	0 036		5047 6
STD	0020↑	25 53	36 73	24 51	0 071		5047 0
STD	0030↑	25 32	36 77	24 60	0 105		5046 1
OBS	0040	25 09	36 79	24 69			5044 9
STD	0050	24 70	36 72	24 75	0 171		5042 2
STD	0075	24 16	36 68	24 88	0 250		5039 2
OBS	0075	24 16	36 68	24 88			5039 2
STD	0100	24 26	36 86	24 99	0 326		5042 0
OBS	0100	24 26	36 86	24 99			5042 0
STD	0150	24 12	37 00	25 14	0 474		5044 1
OBS	0150	24 12	37 00	25 14			5044 1
OBS	0175	23 40	36 93	25 30			5039 5
STD	0200	22 20	36 67	25 45	0 612		5030 0
OBS	0200	22 20	36 67	25 45			5030 0
OBS	0225	20 00	36 78	26 14			5012 8
STD	0250	19 19	36 62	26 23	0 725		5006 2
OBS	0250	19 19	36 62	26 23			5006 2
STD	0300	18 29	36 54	26 40	0 816		5000 2
OBS	0300	18 29	36 54	26 40			5000 2
STD	0400	16 62	36 31	26 63	0 981		4988 6
STD	0500	14 59	36 01	26 86	1 126		4972 1
OBS	0500	14 59	36 01	26 86			4972 1
STD	0600	12 21	35 64	27 06	1 251		4950 2
OBS	0600	12 21	35 64	27 06			4950 2
OBS	0650	10 84	35 46	27 18			4936 5
OBS	0700	09 85	35 36	27 28			4927 1
OBS	0750	09 11	35 30	27 35			4920 6
STD	0800	08 05	35 22	27 46	1 445		4909 9
OBS	0800	08 05	35 22	27 46			4909 9
STD	1000	05 11	35 09	27 75	1 571		4882 1
OBS	1000	05 11	35 09	27 75			4882 1
STD	1200	04 29	35 05	27 82	1 660		4881 8
OBS	1300	03 99	35 04	27 84			4883 1
STD	1500	03 . 86	35 04	27 85	1 782		4892 4
OBS	1800	03 67	35 04	27 87			4906 3

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0025	05	23	1962	22	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	14		16	25 2	22 1		02	6	2	16	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O, ml/l ↓	V_f ↓
STD	0000	25 77	36 57	24 31	0 000		5047 1
OBS	0000	25 77	36 57	24 31			5047 1
STD	0010 †	25 61	36 65	24 42	0 036		5046 7
STD	0020 †	25 44	36 72	24 53	0 070		5046 3
STD	0030 †	25 26	36 77	24 62	0 104		5045 6
OBS	0040	25 08	36 81	24 70			5044 9
STD	0050	24 78	36 81	24 80	0 170		5043 2
STD	0075	24 39	36 81	24 91	0 248		5041 5
OBS	0075	24 39	36 81	24 91			5041 5
STD	0100	24 50	36 97	25 00	0 324		5044 3
OBS	0100	24 50	36 97	25 00			5044 3
STD	0150	24 09	36 99	25 14	0 471		5043 8
OBS	0150	24 09	36 99	25 14			5043 8
OBS	0175	23 39	36 95	25 32			5039 5
STD	0200	21 91	36 79	25 62	0 605		5028 0
OBS	0200	21 91					
OBS	0225	20 20	36 68	26 01			5014 2
STD	0250	19 20	36 63	26 23	0 714		5006 3
OBS	0250	19 20	36 63	26 23			5006 3
STD	0300	18 27	36 54	26 40	0 804		5000 1
OBS	0300	18 27	36 54	26 40			5000 1
STD	0400	16 77	36 32	26 60	0 970		4990 1
STD	0500	14 74	36 02	26 83	1 118		4973 7
OBS	0500	14 74	36 02	26 83			4973 7
STD	0600	12 18	35 64	27 07	1 244		4949 8
OBS	0600	12 18	35 64	27 07			4949 8
OBS	0650	10 91	35 47	27 18			4937 3
OBS	0700	10 03	35 38	27 26			4929 3
OBS	0750	09 05	35 30	27 36			4919 9
STD	0800	08 14	35 22	27 45	1 439		4911 0
OBS	0800	08 14	35 22	27 45			4911 0
STD	1000	05 05	35 09	27 76	1 565		4881 3
OBS	1000	05 05	35 09	27 76			4881 3
STD	1200	04 28	35 07	27 83	1 652		4881 7
OBS	1300	04 00	35 06	27 86			4883 4
STD	1500	03 74	35 04	27 87	1 769		4890 7
OBS	1800	03 64	35 02	27 86			4905 8

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0026	05	24	1962	01	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	16		17	25 0	22 0		02			15	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_2 ml/l ▼	V_f ▼
STD	0000	25 65	36 57	24 35	0 000		5046 2
OBS	0000	25 65	36 57	24 35			5046 2
STD	0010†	25 48	36 63	24 45	0 035		5045 7
STD	0020†	25 30	36 67	24 53	0 070		5045 0
STD	0030†	25 14	36 72	24 62	0 104		5044 5
OBS	0040	24 97	36 75	24 69			5043 9
STD	0050	24 69	36 77	24 79	0 169		5042 3
STD	0075	24 41	36 82	24 92	0 247		5041 7
OBS	0075	24 41	36 82	24 92			5041 7
STD	0100	24 70	37 03	24 99	0 324		5046 1
OBS	0100	24 70	37 03	24 99			5046 1
STD	0150	24 13	36 99	25 13	0 472		5044 2
OBS	0150	24 13	36 99	25 13			5044 2
OBS	0175	23 55	36 98	25 29			5040 9
STD	0200	22 41	36 85	25 53	0 608		5032 4
OBS	0200	22 41	36 85	25 53			5032 4
OBS	0225	20 66	36 71	25 91			5018 4
STD	0250	19 27	36 63	26 21	0 719		5007 0
OBS	0250	19 27	36 63	26 21			5007 0
STD	0300	18 35	36 54	26 38	0 811		5000 8
OBS	0300	18 35	36 54	26 38			5000 8
STD	0400	16 78	36 32	26 60	0 978		4990 2
STD	0500	14 77	36 03	26 83	1 126		4974 1
OBS	0500	14 77	36 03	26 83			4974 1
STD	0600	12 31	35 66	27 06	1 253		4951 4
OBS	0600	12 31	35 66	27 06			4951 4
OBS	0650	11 02	35 49	27 17			4938 7
OBS	0700	10 18	35 40	27 25			4931 2
OBS	0750	09 19	35 31	27 35			4921 6
STD	0800	08 03	35 21	27 45	1 448		4909 6
OBS	0800	08 03	35 21	27 45			4909 6
STD	1000	05 02	35 09	27 77	1 572		4880 9
OBS	1000	05 02	35 09	27 77			4880 9
STD	1200	04 28	35 07	27 83	1 659		4881 7
OBS	1300	04 01	35 06	27 85			4883 5
STD	1500	03 67	35 04	27 87	1 775		4889 7
OBS	1800	03 64	35 02	27 86			4905 8

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0027	05	24	1962	04	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	14		17	25 3	21 2		02	6	2	15	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_f ▼
STD	0000	25 55	36 57	24 38	0 000		5045 5
OBS	0000	25 55	36 57	24 38			5045 5
STD	0010†	25 34	36 57	24 44	0 035		5044 4
STD	0020†	25 15	36 56	24 49	0 070		5043 5
STD	0030†	24 99	36 56	24 54	0 104		5042 8
OBS	0040	24 85	36 56	24 59			5042 2
STD	0050	24 75	36 65	24 68	0 171		5042 3
STD	0075	24 55	36 82	24 87	0 252		5042 8
OBS	0075	24 55	36 82	24 87			5042 8
STD	0100	24 44	36 90	24 97	0 328		5043 6
OBS	0100	24 44	36 90	24 97			5043 6
STD	0150	24 14	37 00	25 13	0 477		5044 3
OBS	0150	24 14	37 00	25 13			5044 3
OBS	0175	23 54	36 95	25 27			5040 7
STD	0200	22 85	36 89	25 43	0 615		5036 2
OBS	0200	22 85	36 89	25 43			5036 2
OBS	0225	20 84	36 72	25 86			5020 0
STD	0250	19 64	36 64	26 13	0 731		5010 4
OBS	0250	19 64	36 64	26 13			5010 4
STD	0300	18 35	36 54	26 38	0 825		5000 8
OBS	0300	18 35	36 54	26 38			5000 8
STD	0400	17 08	36 36	26 56	0 994		4993 3
STD	0500	15 01	36 06	26 80	1 145		4976 7
OBS	0500	15 01	36 06	26 80			4976 7
STD	0600	12 15	35 63	27 07	1 273		4949 5
OBS	0600	12 15	35 63	27 07			4949 5
OBS	0650	11 22	35 50	27 14			4941 0
OBS	0700	10 25	35 40	27 24			4932 0
OBS	0750	09 21	35 30	27 34			4921 8
STD	0800	08 33	35 23	27 42	1 471		4913 4
OBS	0800	08 33	35 23	27 42			4913 4
STD	1000	05 04	35 09	27 76	1 599		4881 2
OBS	1000	05 04	35 09	27 76			4881 2
STD	1200	04 31	35 05	27 81	1 667		4882 1
OBS	1300	04 04	35 04	27 84			4883 8
STD	1500	03 69	35 02	27 86	1 809		4889 9
OBS	1800	03 64	35 02	27 86			4905 8

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0028	05	24	1962	07	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	14		17	25 0	21 9		05	3	5	15	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)↓	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_f ↓
STD	0000	25 38	36 56	24 42	0 000		5044 1
OBS	0000	25 38	36 56	24 42			5044 1
STD	0010†	25 26	36 56	24 46	0 035		5043 8
STD	0020†	25 14	36 55	24 49	0 070		5043 4
STD	0030†	25 02	36 55	24 53	0 104		5043 0
OBS	0040	24 89	36 55	24 57			5042 5
STD	0050	24 71	36 61	24 67	0 172		5041 9
STD	0075	24 42	36 75	24 86	0 252		5041 5
OBS	0075	24 42	36 75	24 86			5041 5
STD	0100	24 38	36 86	24 96	0 329		5042 9
OBS	0100	24 38	36 86	24 96			5042 9
STD	0150	24 16	37 00	25 13	0 478		5044 4
OBS	0150	24 16	37 00	25 13			5044 4
OBS	0175	23 49	36 95	25 29			5040 3
STD	0200	22 69	36 76	25 38	0 618		5034 4
OBS	0200	22 69	36 76	25 38			5034 4
OBS	0225	20 55	36 71	25 94			5017 4
STD	0250	19 41	36 63	26 18	0 734		5008 2
OBS	0250	19 41	36 63	26 18			5008 2
STD	0300	18 39	36 55	26 38	0 826		5001 2
OBS	0300	18 39	36 55	26 38			5001 2
STD	0400	16 93	36 35	26 58	0 994		4991 8
STD	0500	14 91	36 05	26 82	1 143		4975 6
OBS	0500	14 91	36 05	26 82			4975 6
STD	0600	12 32	35 65	27 05	1 272		4951 5
OBS	0600	12 32	35 65	27 05			4951 5
OBS	0650	11 28	35 52	27 15			4941 8
OBS	0700	10 15	35 39	27 25			4930 8
OBS	0750	09 14	35 29	27 34			4920 9
STD	0800	08 32	35 23	27 43	1 471		4913 3
OBS	0800	08 32	35 23	27 43			4913 3
STD	1000	05 27	35 09	27 74	1 602		4884 3
OBS	1000	05 27	35 09	27 74			4884 3
STD	1200	04 38	35 05	27 81	1 694		4883 0
OBS	1300	04 06	35 04	27 83			4884 1
STD	1500	03 91	35 04	27 85	1 819		4893 0
OBS	1800	03 68	35 04	27 87			4906 5

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0029	05	24	1962	10	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY. ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	14		16	24 7	21 7		02	8	1	13	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 32	36 56	24 44	0 000		5043 7
OBS	0000	25 32	36 56	24 44			5043 7
STD	0010↑	25 22	36 56	24 47	0 035		5043 5
STD	0020↑	25 12	36 56	24 50	0 069		5043 2
STD	0030↑	25 02	36 56	24 53	0 104		5043 0
OBS	0040	24 91	36 56	24 57			5042 7
STD	0050	24 77	36 63	24 66	0 171		5042 4
STD	0075	24 51	36 77	24 85	0 252		5042 3
OBS	0075	24 51	36 77	24 85			5042 3
STD	0100	24 39	36 83	24 93	0 329		5042 9
OBS	0100	24 39	36 83	24 93			5042 9
STD	0150	24 22	37 00	25 11	0 479		5044 9
OBS	0150	24 22	37 00	25 11			5044 9
OBS	0175	23 57	36 94	25 26			5040 9
STD	0200	22 41	36 84	25 52	0 616		5032 4
OBS	0200	22 41	36 84	25 52			5032 4
OBS	0225	20 76	36 73	25 89			5019 3
STD	0250	19 70	36 65	26 12	0 730		5010 9
OBS	0250	19 70	36 65	26 12			5010 9
STD	0300	18 46	36 58	26 38	0 824		5002 0
OBS	0300	18 46	36 58	26 38			5002 0
STD	0400	16 97	36 35	26 57	0 992		4992 2
STD	0500	14 88	36 04	26 82	1 142		4975 3
OBS	0500	14 88	36 04	26 82			4975 3
STD	0600	12 20	35 65	27 07	1 269		4950 1
OBS	0600	12 20	35 65	27 07			4950 1
OBS	0650	11 23	35 51	27 15			4941 2
OBS	0700	10 07	35 38	27 26			4929 8
OBS	0750	09 23	35 29	27 33			4922 0
STD	0800	08 22	35 22	27 43	1 465		4912 0
OBS	0800	08 22	35 22	27 43			4912 0
STD	1000	05 11	35 06	27 75	1 593		4882 1
OBS	1000	05 11	35 08	27 75			4882 1
STD	1200	04 33	35 05	27 81	1 684		4882 3
OBS	1300	04 04	35 04	27 84			4883 8
STD	1500	03 68	35 03	27 86	1 804		4889 8
OBS	1800	03 65	35 02	27 86			4906 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0030	05	24	1962	13	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	09		18	26 1	22 0		02			11	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_f ▼
STD	0000	25 36	36 57	24 44	0 000		5044 0
OBS	0000	25 36	36 57	24 44			5044 0
STD	0010†	25 08	36 58	24 53	0 035		5042 5
STD	0020†	24 85	36 58	24 60	0 068		5041 2
STD	0030†	24 67	36 59	24 66	0 102		5040 4
OBS	0040	24 54	36 59	24 70			5039 9
STD	0050	24 53	36 64	24 74	0 167		5040 6
STD	0075	24 48	36 75	24 84	0 247		5042 0
OBS	0075	24 48	36 75	24 84			5042 0
STD	0100	24 39	36 83	24 93	0 325		5042 9
OBS	0100	24 39	36 83	24 93			5042 9
STD	0150	24 11	36 96	25 11	0 474		5043 9
OBS	0150	24 11	36 96	25 11			5043 9
OBS	0175	23 62	36 92	25 23			5041 2
STD	0200	22 91	36 90	25 42	0 614		5036 7
OBS	0200	22 91	36 90	25 42			5036 7
OBS	0225	21 43	36 78	25 75			5025 3
STD	0250	19 92	36 66	26 07	0 731		5013 0
OBS	0250	19 92	36 66	26 07			5013 0
STD	0300	18 47	36 56	26 37	0 826		5002 0
OBS	0300	18 47	36 56	26 37			5002 0
STD	0400	16 95	36 35	26 58	0 995		4992 0
STD	0500	14 94	36 06	26 82	1 145		4976 0
OBS	0500	14 94	36 06	26 82			4976 0
STD	0600	12 45	35 68	27 05	1 275		4953 0
OBS	0600	12 45	35 68	27 05			4953 0
OBS	0650	11 19	35 51	27 16			4940 7
OBS	0700	09 87	35 36	27 27			4927 3
OBS	0750	09 18	35 30	27 34			4921 5
STD	0800	08 40	35 24	27 42	1 473		4914 3
OBS	0800	08 40	35 24	27 42			4914 3
STD	1000	05 15	35 08	27 74	1 604		4882 6
OBS	1000	05 15	35 08	27 74			4882 6
STD	1200	04 35	35 05	27 82	1 694		4882 7
OBS	1300	04 06	35 05	27 84			4884 1
STD	1500	03 70	35 04	27 87	1 813		4890 1
OBS	1800	03 69	35 02	27 86			4906 5

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0031	05	24	1962	16	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	09		19	25 6	21 1		02	8	2	11	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 60	36 51	24 32	0 000		5045 6
OBS	0000	25 60	36 51	24 32			5045 6
STD	0010 ↑	25 29	36 54	24 44	0 036		5043 9
STD	0020 ↑	25 04	36 57	24 54	0 070		5042 7
STD	0030 ↑	24 83	36 60	24 62	0 104		5041 7
OBS	0040	24 68					
STD	0050	24 65	36 66 ↑	24 72	0 170		5041 6
STD	0075	24 55	36 72	24 80	0 250		5042 4
OBS	0075	24 55	36 72	24 80			5042 4
STD	0100	24 39	36 77	24 88	0 329		5042 7
OBS	0100	24 39	36 77	24 88			5042 7
STD	0150	23 84	36 84	25 10	0 481		5041 3
OBS	0150	23 84					
OBS	0175	23 60	36 88	25 20			5040 9
STD	0200	22 79	36 81	25 39	0 621		5035 4
OBS	0200	22 79	36 81	25 39			5035 4
OBS	0225	21 32	36 57	25 62			5023 5
STD	0250	19 79	36 60	26 06	0 739		5011 6
OBS	0250	19 79	36 60	26 06			5011 6
STD	0300	18 43	36 51	26 34	0 836		5001 4
OBS	0300	18 43	36 51	26 34			5001 4
STD	0400	17 02	36 30	26 52	1 008		4992 5
STD	0500	14 94	35 99	26 77	1 163		4975 7
OBS	0500	14 94	35 99	26 77			4975 7
STD	0600	12 18	35 58	27 02	1 295		4949 6
OBS	0600	12 18	35 58	27 02			4949 6
OBS	0650	10 88	35 42	27 14			4936 8
OBS	0700	09 81	35 29	27 23			4926 3
OBS	0750	09 15	35 25	27 31			4920 9
STD	0800	08 42	35 18	27 37	1 501		4914 3
OBS	0800	08 42	35 18	27 37			4914 3
STD	1000	05 25	35 08	27 73	1 638		4883 9
OBS	1000	05 25	35 08	27 73			4883 9
STD	1200	04 39	35 02	27 78	1 733		4883 0
OBS	1300	04 08	35 00	27 80			4884 2
STD	1500	03 69	34 98	27 82	1 864		4889 7
OBS	1800	03 67	34 98	27 83			4906 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0032	05	24	1962	19	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	12		18	28 3	22 7		01	8	1	11	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	26 38	36 52	24 08	0 000		5051 5
OBS	0000	26 38	36 52	24 08			5051 5
STD	0010 †	25 92	36 42	24 15	0 038		5048 2
STD	0020 †	25 53	36 44	24 29	0 075		5045 9
STD	0030 †	25 20	36 40	24 36	0 112		5043 8
OBS	0040	24 95	36 36	24 40			5042 3
STD	0050	24 84	36 50	24 54	0 162		5042 5
STD	0075	24 61	36 72	24 78	0 264		5042 9
OBS	0075	24 61	36 72	24 78			5042 9
STD	0100	24 43	36 73	24 84	0 344		5042 8
OBS	0100	24 43	36 73	24 84			5042 8
STD	0150	23 84	36 82	25 09	0 497		5041 2
OBS	0150	23 84	36 82	25 09			5041 2
OBS	0175	23 52	36 88	25 23			5040 3
STD	0200	22 42	36 78	25 47	0 635		5032 3
OBS	0200	22 42	36 78	25 47			5032 3
OBS	0225	20 59	36 54	25 80			5017 1
STD	0250	19 41	36 56	26 12	0 790		5006 0
OBS	0250	19 41	36 56	26 12			5008 0
STD	0300	18 34	36 48	26 34	0 945		5000 5
OBS	0300	18 34	36 48	26 34			5000 5
STD	0400	16 70	36 25	26 56	1 015		4989 2
STD	0500	14 51	35 93	26 81	1 166		4971 0
OBS	0500	14 51	35 93	26 81			4971 0
STD	0600	11 76	35 53	27 06	1 293		4944 6
OBS	0600	11 76	35 53	27 06			4944 6
OBS	0650	10 62	35 39	27 17			4933 6
OBS	0700	09 61	35 30	27 27			4924 0
OBS	0750	08 83	35 22	27 34			4916 8
STD	0800	08 19	35 18	27 41	1 492		4911 5
OBS	0800	08 19	35 18	27 41			4911 5
STD	1000	05 16	35 04	27 71	1 626		4882 6
OBS	1000	05 16	35 04	27 71			4882 6
STD	1200	04 34	35 01	27 78	1 723		4882 3
OBS	1300	04 04	35 00	27 80			4883 6
STD	1500	03 67	34 98	27 83	1 854		4889 5
OBS	1800	03 66	34 97	27 82			4905 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0033	05	24	1962	22	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	14		17	27 8	22 2		01	0	0	11	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ m l/l ↓	V_f ↓
STD	0000	26 30	36 52	24 11	0 000		5050 9
OBS	0000	26 30	36 52	24 11			5050 9
STD	0010 †	25 79	36 52	24 27	0 037		5047 6
STD	0020 †	25 37	36 52	24 40	0 074		5045 0
STD	0030 †	25 03	36 52	24 50	0 109		5042 9
OBS	0040	24 79	36 52	24 57			5041 6
STD	0050	24 74	36 59	24 64	0 176		5042 0
STD	0075	24 63	36 71	24 77	0 258		5043 0
OBS	0075	24 63	36 71	24 77			5043 0
STD	0100	24 52	36 78	24 85	0 338		5043 7
OBS	0100	24 52	36 78	24 85			5043 7
STD	0150	23 72	36 83	25 13	0 489		5040 3
OBS	0150	23 72	36 83	25 13			5040 3
OBS	0175	23 29	36 88	25 29			5038 4
STD	0200	22 31	36 80	25 52	0 626		5031 4
OBS	0200	22 31	36 80	25 52			5031 4
OBS	0225	20 38	36 65	25 94			5015 7
STD	0250	19 42	36 57	26 13	0 739		5008 1
OBS	0250	19 42	36 57	26 13			5008 1
STD	0300	18 38	36 49	26 33	0 834		5000 9
OBS	0300	18 38	36 49	26 33			5000 9
STD	0400	16 57	36 24	26 59	1 003		4987 8
STD	0500	14 39	35 93	26 84	1 151		4969 7
OBS	0500	14 39	35 93	26 84			4969 7
STD	0600	11 84	35 56	27 07	1 277		4945 7
OBS	0600	11 84	35 56	27 07			4945 7
OBS	0650	10 69	35 40	27 16			4934 5
OBS	0700	09 68	35 30	27 26			4924 8
OBS	0750	08 88	35 22	27 33			4917 5
STD	0800	07 91	35 15	27 43	1 473		4907 8
OBS	0800	07 91	35 15	27 43			4907 8
STD	1000	05 14	35 03	27 70	1 606		4882 3
OBS	1000	05 14	35 03	27 70			4882 3
STD	1200	04 33	35 01	27 78	1 703		4882 2
OBS	1300	04 03	35 00	27 80			4883 5
STD	1500	03 66	34 99	27 83	1 832		4889 4
OBS	1800	03 65	34 98	27 83			4905 8

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0034	05	25	1962	01	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	11		18	25 3	21 7		01	0	1	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O₂ ml/l ▼	V_f ▼
STD	0000	25 82	36 52	24 26	0 000		5047 3
OBS	0000	25 82	36 52	24 26			5047 3
STD	0010 †	25 53	36 52	24 35	0 036		5045 7
STD	0020 †	25 28	36 53	24 43	0 072		5044 3
STD	0030 †	25 07	36 53	24 50	0 107		5043 3
OBS	0040	24 91	36 53	24 54			5042 6
STD	0050	24 91	36 62	24 61	0 175		5043 5
STD	0075	24 68	36 73	24 77	0 257		5043 4
OBS	0075	24 68	36 73	24 77			5043 4
STD	0100	24 12	36 67	24 89	0 336		5040 2
OBS	0100	24 12	36 67	24 89			5040 2
STD	0150	23 70	36 86	25 16	0 486		5040 3
OBS	0150	23 70	36 86	25 16			5040 3
OBS	0175	23 33	36 88	25 28			5038 7
STD	0200	22 18	36 72	25 49	0 622		5030 0
OBS	0200	22 18	36 72	25 49			5030 0
OBS	0225	20 88	36 67	25 82			5020 1
STD	0250	19 55	36 58	26 10	0 737		5009 3
OBS	0250	19 55	36 58	26 10			5009 3
STD	0300	18 39	36 49	26 33	0 832		5001 0
OBS	0300	18 39	36 49	26 33			5001 0
STD	0400	16 58	36 21	26 56	1 003		4987 8
STD	0500	14 39	35 91	26 82	1 153		4969 6
OBS	0500	14 39	35 91	26 82			4969 6
STD	0600	11 83	35 58	27 09	1 279		4945 7
OBS	0600	11 83	35 58	27 09			4945 7
OBS	0650	10 74	35 45	27 19			4935 3
OBS	0700	09 74	35 31	27 26			4925 6
OBS	0750	09 06	35 24	27 32			4919 7
STD	0800	07 88	35 17	27 45	1 471		4907 5
OBS	0800	07 88	35 17	27 45			4907 5
STD	1000	05 16	35 03	27 70	1 602		4882 5
OBS	1000	05 16	35 03	27 70			4882 5
STD	1200	04 36	35 00	27 77	1 701		4882 5
OBS	1300	04 06	34 99	27 79			4883 9
STD	1500	03 68					
OBS	1800	03 65					

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		NO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0035	05	25	1962	04	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	13		19	26 1	21 7		02	8	1	12	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 69	36 50	24 28	0 000		5046 3
OBS	0000	25 69	36 50	24 28			5046 3
STD	0010	25 49	36 51	24 35	0 036		5045 3
STD	0020	25 30	36 51	24 41	0 072		5044 4
STD	0030	25 11	36 51	24 47	0 107		5043 5
OBS	0040	24 92	36 52	24 53			5042 6
STD	0050	24 64	36 54	24 63	0 175		5041 1
STD	0075	24 27	36 59	24 78	0 257		5039 7
OBS	0075	24 27	36 59	24 78			5039 7
STD	0100	24 37	36 74	24 87	0 336		5042 4
OBS	0100	24 37	36 74	24 87			5042 4
STD	0150	23 66	36 83	25 15	0 487		5039 8
OBS	0150	23 66	36 83	25 15			5039 8
OBS	0175	23 29	36 86	25 28			5038 3
STD	0200	22 42	36 75	25 45	0 624		5032 1
OBS	0200	22 42	36 75	25 45			5032 1
OBS	0225	21 13	36 70	25 77			5022 4
STD	0250	19 67	36 58	26 07	0 741		5010 4
OBS	0250	19 67	36 58	26 07			5010 4
STD	0300	18 42	36 48	26 32	0 837		5001 2
OBS	0300	18 42	36 48	26 32			5001 2
STD	0400	16 85	36 28	26 55	1 010		4990 8
STD	0500	14 64	35 96	26 81	1 161		4972 5
OBS	0500	14 64	35 96	26 81			4972 5
STD	0600	11 78	35 53	27 06	1 289		4944 9
OBS	0600	11 78	35 53	27 06			4944 9
OBS	0650	10 68	35 39	27 16			4934 3
OBS	0700	09 84	35 31	27 24			4926 8
OBS	0750	09 17	35 24	27 30			4921 1
STD	0800	08 45	35 18	27 37	1 492		4914 7
OBS	0800	08 45	35 18	27 37			4914 7
STD	1000	05 25	35 03	27 69	1 633		4883 7
OBS	1000	05 25	35 03	27 69			4883 7
STD	1200	04 45	35 00	27 76	1 734		4883 7
OBS	1300	04 15	34 99	27 78			4885 1
STD	1500	03 76	34 98	27 82	1 869		4890 7
OBS	1800	03 68	34 97	27 82			4906 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0036	05	25	1962	07	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID. ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	14		18	24 9	21 6		00	0	0	15	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_{sm} l/l ▼	V_f ▼
STD	0000	25 64	36 50	24 30	0 000		5045 9
OBS	0000	25 64	36 50	24 30			5045 9
STD	0010 †	25 46	36 50	24 35	0 036		5045 1
STD	0020 †	25 28	36 51	24 42	0 072		5044 3
STD	0030 †	25 10	36 51	24 47	0 107		5043 4
OBS	0040	24 92	36 51	24 53			5042 6
STD	0050	24 67	36 52	24 61	0 175		5041 2
STD	0075	24 29	36 55	24 75	0 258		5039 7
OBS	0075	24 29	36 55	24 75			5039 7
STD	0100	24 25	36 70	24 87	0 337		5041 3
OBS	0100	24 25	36 70	24 87			5041 3
STD	0150	23 71	36 82	25 12	0 488		5040 2
OBS	0150	23 71	36 82	25 12			5040 2
OBS	0175	23 29	36 83	25 26			5038 2
STD	0200	22 33	36 71	25 44	0 62[illegible]		5031 2
OBS	0200	22 33	36 71	25 44			5031 2
OBS	0225	20 68	36 67	25 87			5018 4
STD	0250	19 64	36 62	26 11	0 742		5010 3
OBS	0250	19 64	36 48*	26 00*			
STD	0300	18 36	36 50	26 35	0 837		5000 7
OBS	0300	18 36	36 50	26 35			5000 7
STD	0400	16 85	36 26	26 53	1 009		4990 7
STD	0500	14 65	35 94	26 79	1 161		4972 5
OBS	0500	14 65	35 94	26 79			4972 5
STD	0600	11 75	35 54	27 07	1 289		4944 6
OBS	0600	11 75	35 54	27 07			4944 6
OBS	0650	10 37	35 36	27 19			4930 6
OBS	0700	09 65	35 29	27 26			4924 4
OBS	0750	09 08	35 24	27 31			4920 0
STD	0800	08 39	35 18	27 38	1 490		4914 0
OBS	0800	08 39	35 18	27 38			4914 0
STD	1000	05 31	35 04	27 69	1 630		4884 6
OBS	1000	05 31	35 04	27 69			4884 6
STD	1200	04 45	35 00	27 76	1 731		4883 7
OBS	1300	04 13	34 99	27 79			4884 8
STD	1500	03 72	34 97	27 81	1 867		4890 1
OBS	1800	03 65	34 97	27 82			4905 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		NO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0037	05	25	1962	10	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	10		17	25 0	22 1		00	0	0	12	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_t ↓
STD	0000	25 63	36 50	24 30	0 000		5045 8
OBS	0000	25 63	36 50	24 30			5045 8
STD	0010 ↑	25 44	36 50	24 36	0 036		5044 9
STD	0020 ↑	25 25	36 49	24 41	0 072		5044 0
STD	0030 ↑	25 07	36 49	24 47	0 107		5043 1
OBS	0040	24 89	36 49	24 52			5042 3
STD	0050	24 65	36 51	24 61	0 175		5041 0
STD	0075	24 30	36 55	24 74	0 258		5039 8
OBS	0075	24 30	36 55	24 74			5039 8
STD	0100	24 28	36 68	24 85	0 338		5041 5
OBS	0100	24 28	36 68	24 85			5041 5
STD	0150	23 82	36 86	25 12	0 489		5041 2
OBS	0150	23 82	36 86	25 12			5041 2
OBS	0175	23 33	36 80	25 22			5038 4
STD	0200	22 49	36 72	25 40	0 628		5032 6
OBS	0200	22 49	36 72	25 40			5032 6
OBS	0225	21 25	36 71	25 74			5023 5
STD	0250	19 88	36 59	26 02	0 747		5012 3
OBS	0250	19 88	36 59	26 02			5012 3
STD	0300	18 48	36 49	26 31	0 845		5001 8
OBS	0300	18 48	36 49	26 31			5001 8
STD	0400	17 08	36 29	26 50	1 020		4993 1
STD	0500	14 92	35 98	26 76	1 176		4975 5
OBS	0500	14 92	35 98	26 76			4975 5
STD	0600	11 99	35 56	27 04	1 307		4947 4
OBS	0600	11 99	35 56	27 04			4947 4
OBS	0650	11 09	35 44	27 12			4939 3
OBS	0700	10 03	35 34	27 23			4929 1
OBS	0750	09 22	35 25	27 30			4921 7
STD	0800	08 69	35 20	27 34	1 514		4917 7
OBS	0800	08 69	35 20	27 34			4917 7
STD	1000	05 33	35 04	27 69	1 658		4884 8
OBS	1000	05 33	35 04	27 69			4884 8
STD	1200	04 50	35 01	27 76	1 759		4884 5
OBS	1300	04 19	35 00	27 79			4885 7
STD	1500	03 78	34 98	27 81	1 895		4891 0
OBS	1800	03 69	34 97	27 82			4906 3

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0038	05	25	1962	13	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		19	26 6	22 8		01	8	1	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O₂ ml/l ▼	V_f ▼
STD	0000	25 64	36 49	24 29	0 000		5045 8
OBS	0000	25 64	36 49	24 29			5045 8
STD	0010↑	25 40	36 49	24 36	0 036		5044 6
STD	0020↑	25 18	36 50	24 44	0 072		5043 5
STD	0030↑	24 98	36 50	24 50	0 106		5042 5
OBS	0040	24 80	36 50	24 56			5041 6
STD	0050	24 63	36 51	24 61	0 174		5040 9
STD	0075	24 32	36 55	24 74	0 257		5040 0
OBS	0075	24 32	36 55	24 74			5040 0
STD	0100	24 15	36 65	24 87	0 337		5040 4
OBS	0100	24 15	36 65	24 87			5040 4
STD	0150	23 73	36 83	25 13	0 488		5040 4
OBS	0150	23 73	36 83	25 13			5040 4
OBS	0175	23 45	36 84	25 22			5039 5
STD	0200	22 30	36 71	25 45	0 626		5031 0
OBS	0200	22 30	36 71	25 45			5031 0
OBS	0225	20 97	36 68	25 80			5020 9
STD	0250	19 74	36 59	26 06	0 742		5011 1
OBS	0250	19 74	36 59	26 06			5011 1
STD	0300	18 54	36 50	26 30	0 840		5002 4
OBS	0300	18 54	36 50	26 30			5002 4
STD	0400	16 94	36 28	26 53	1 014		4991 6
STD	0500	14 74	35 96	26 79	1 167		4973 5
OBS	0500	14 74	35 96	26 79			4973 5
STD	0600	11 94	35 55	27 05	1 297		4946 8
OBS	0600	11 94	35 55	27 05			4946 8
OBS	0650	10 95	35 44	27 15			4937 7
OBS	0700	09 81	35 32	27 25			4926 4
OBS	0750	08 99	35 23	27 32			4918 8
STD	0800	08 46	35 18	27 36	1 502		4914 8
OBS	0800	08 46	35 18	27 36			4914 8
STD	1000	05 19	35 04	27 71	1 641		4883 0
OBS	1000	05 19	35 04	27 71			4883 0
STD	1200	04 41	35 02	27 78	1 739		4883 3
OBS	1300	04 12	35 01	27 80			4884 8
STD	1500	03 74	35 00	27 83	1 869		4890 5
OBS	1800	03 68	34 98	27 82			4906 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0039	05	25	1962	16	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	07		20	26 1	22 2		02	8	2	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_2 ml/l ▼	V_f ▼
STD	0000	25 96	36 51	24 21	0 000		5048 3
OBS	0000	25 96	36 51	24 21			5048 3
STD	0010	25 65	36 50	24 29	0 037		5046 5
STD	0020	25 37	36 50	24 38	0 073		5044 9
STD	0030	25 13	36 49	24 45	0 108		5043 6
OBS	0040	24 92	36 49	24 51			5042 5
STD	0050	24 78	36 51	24 57	0 177		5042 1
STD	0075	24 45	36 58	24 72	0 260		5041 1
OBS	0075	24 45	36 58	24 72			5041 1
STD	0100	24 16	36 68	24 88	0 340		5040 5
OBS	0100	24 16	36 68	24 88			5040 5
STD	0150	23 73	36 83	25 13	0 491		5040 4
OBS	0150	23 73	36 83	25 13			5040 4
OBS	0175	23 36	36 85	25 25			5038 9
STD	0200	22 37	36 78	25 48	0 628		5031 8
OBS	0200	22 37	36 78	25 48			5031 8
OBS	0225	21 19	36 70	25 75			5022 9
STD	0250	19 50	36 59	26 12	0 742		5008 9
OBS	0250	19 50	36 59	26 12			5008 9
STD	0300	18 49	36 50	26 31	0 838		5002 0
OBS	0300	18 49	36 50	26 31			5002 0
STD	0400	16 76	36 24	26 54	1 011		4989 7
STD	0500	14 52	35 92	26 80	1 162		4971 0
OBS	0500	14 52	35 92	26 80			4971 0
STD	0600	11 77	35 55	27 08	1 290		4944 8
OBS	0600	11 77	35 55	27 08			4944 8
OBS	0650	10 75	35 38	27 14			4935 1
OBS	0700	09 68	35 30	27 26			4924 8
OBS	0750	09 09	35 22	27 30			4920 0
STD	0800	08 61	35 20	27 36	1 492		4916 8
OBS	0800	08 61	35 20	27 36			4916 8
STD	1000	05 17	35 03	27 70	1 633		4882 7
OBS	1000	05 17	35 03	27 70			4882 7
STD	1200	04 39	35 01	27 77	1 732		4883 0
OBS	1300	04 10	35 00	27 80			4884 5
STD	1500	03 73	34 99	27 83	1 863		4890 3
OBS	1800	03 67	34 99	27 83			4906 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0040	05	25	1962	19	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA.		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	11		18	28 2	23 8		01	8	1	09	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σt ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	26 58	36 52	24 02	0 000		5052 9
OBS	0000	26 58	36 52	24 02			5052 9
STD	0010 ↑	26 04	36 51	24 18	0 038		5049 5
STD	0020 ↑	25 59	36 51	24 32	0 075		5046 6
STD	0030 ↑	25 21	36 50	24 43	0 111		5044 2
OBS	0040	24 92	36 50	24 52			5042 6
STD	0050	24 84	36 54	24 57	0 180		5042 6
STD	0075	24 55	36 62	24 72	0 263		5042 0
OBS	0075	24 55	36 62	24 72			5042 0
STD	0100	24 15	36 68	24 89	0 343		5040 5
OBS	0100	24 15	36 68	24 89			5040 5
STD	0150	23 91	36 91	25 13	0 493		5042 1
OBS	0150	23 91	36 91	25 13			5042 1
OBS	0175	23 33	36 85	25 26			5038 6
STD	0200	22 51	36 79	25 45	0 631		5033 0
OBS	0200	22 51	36 79	25 45			5033 0
OBS	0225	20 40	36 65	25 93			5015 8
STD	0250	19 16	36 55	26 18	0 745		5005 7
OBS	0250	19 16	36 55	26 18			5005 7
STD	0300	18 28	36 48	26 35	0 838		4999 9
OBS	0300	18 28	36 48	26 35			4999 9
STD	0400	16 65	36 24	26 57	1 008		4988 6
STD	0500	14 45	35 92	26 82	1 157		4970 3
OBS	0500	14 45	35 92	26 82			4970 3
STD	0600	11 68	35 53	27 08	1 284		4943 7
OBS	0600	11 68	35 53	27 08			4943 7
OBS	0650	10 38	35 37	27 19			4930 7
OBS	0700	09 55	35 29	27 27			4923 2
OBS	0750	08 98	35 22	27 31			4918 7
STD	0800	08 50	35 19	27 37	1 485		4915 4
OBS	0800	08 50	35 19	27 37			4915 4
STD	1000	05 20	35 04	27 70	1 625		4883 1
OBS	1000	05 20	35 04	27 70			4883 1
STD	1200	04 40	35 00	27 76	1 724		4883 1
OBS	1300	04 10	34 99	27 79			4884 4
STD	1500	03 72	34 97	27 81	1 859		4890 1
OBS	1800	03 68	34 96	27 81			4906 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0041	05	25	1962	22	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	11		18	27 8	23 3		01	8	1	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	Dynm/l ↓	V_f ↓
STD	0000	26 20	36 50	24 12	0 000		5050 1
OBS	0000	26 20	36 50	24 12			5050 1
STD	0010 †	25 79	36 51	24 26	0 037		5047 6
STD	0020 †	25 43	36 51	24 37	0 074		5045 4
STD	0030 †	25 12	36 51	24 47	0 109		5043 6
OBS	0040	24 85	36 52	24 56			5042 1
STD	0050	24 66	36 53	24 62	0 177		5041 2
STD	0075	24 29	36 56	24 76	0 260		5039 8
OBS	0075	24 29	36 56	24 76			5039 8
STD	0100	24 09	36 69	24 91	0 339		5040 0
OBS	0100	24 09	36 69	24 91			5040 0
STD	0150	23 82	36 89	25 15	0 488		5041 3
OBS	0150	23 82	36 89	25 15			5041 3
OBS	0175	23 11	36 82	25 30			5036 7
STD	0200	22 03	36 75	25 56	0 623		5028 9
OBS	0200	22 03	36 75	25 56			5028 9
OBS	0225	20 31	36 62	25 93			5014 9
STD	0250	19 16	36 56	26 19	0 734		5005 7
OBS	0250	19 16	36 56	26 19			5005 7
STD	0300	18 21	36 46	26 35	0 827		4999 2
OBS	0300	18 21	36 46	26 35			4999 2
STD	0400	16 68	36 27	26 58	0 996		4989 1
STD	0500	14 57	35 97	26 83	1 144		4971 8
OBS	0500	14 57	35 97	26 83			4971 8
STD	0600	11 87	35 56	27 07	1 271		4946 0
OBS	0600	11 87	35 56	27 07			4946 0
OBS	0650	10 72	35 40	27 16			4934 8
OBS	0700	09 56	35 27	27 26			4923 2
OBS	0750	08 98	35 21	27 31			4918 6
STD	0800	08 41	35 19	27 38	1 472		4914 2
OBS	0800	08 41	35 19	27 38			4914 2
STD	1000	05 04	35 03	27 72	1 609		4880 9
OBS	1000	05 04	35 03	27 72			4880 9
STD	1200	04 39	34 98	27 75	1 708		4882 8
OBS	1300	04 14	34 97	27 77			4884 9
STD	1500	03 80	34 98	27 81	1 845		4891 3
OBS	1800	03 66	34 99	27 83			4906 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0042	05	25	1962	01	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	09		18	26 1	23 1		01	8	1	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	25 99	36 51	24 20	0 000		5048 5
OBS	0000	25 99	36 51	24 20			5048 5
STD	0010 †	25 65	36 51	24 30	0 037		5046 5
STD	0020 †	25 34	36 50	24 39	0 073		5044 7
STD	0030 †	25 07	36 50	24 47	0 108		5043 2
OBS	0040	24 83	36 50	24 55			5041 9
STD	0050	24 62	36 51	24 62	0 176		5040 8
STD	0075	24 25	36 56	24 77	0 258		5039 5
OBS	0075	24 25	36 56	24 77			5039 5
STD	0100	24 13	36 67	24 89	0 338		5040 3
OBS	0100	24 13	36 67	24 89			5040 3
STD	0150	23 73	36 83	25 13	0 488		5040 4
OBS	0150	23 73	36 83	25 13			5040 4
OBS	0175	23 33	36 83	25 24			5038 5
STD	0200	22 25	36 78	25 52	0 625		5030 8
OBS	0200	22 25	36 78	25 52			5030 8
OBS	0225	21 12	36 69	25 77			5022 3
STD	0250	19 57	36 59	26 11	0 739		5009 5
OBS	0250	19 57	36 59	26 11			5009 5
STD	0300	18 39	36 47	26 32	0 834		5000 9
OBS	0300	18 39	36 47	26 32			5000 9
STD	0400	16 77	36 26	26 55	1 006		4989 9
STD	0500	14 68	35 96	26 80	1 158		4972 9
OBS	0500	14 68	35 96	26 80			4972 9
STD	0600	12 11	35 58	27 04	1 288		4948 8
OBS	0600	12 11	35 58	27 04			4948 8
OBS	0650	10 91	35 44	27 15			4937 2
OBS	0700	09 80	35 31	27 25			4926 3
OBS	0750	09 10	35 22	27 29			4920 1
STD	0800	08 54	35 18	27 35	1 495		4915 8
OBS	0800	08 54	35 18	27 35			4915 8
STD	1000	05 15	35 03	27 70	1 636		4882 4
OBS	1000	05 15	35 03	27 70			4882 4
STD	1200	04 42	35 01	27 77	1 734		4883 4
OBS	1300	04 15	35 00	27 79			4885 1
STD	1500	03 79	34 99	27 82	1 868		4891 2
OBS	1800	03 70	34 99	27 83			4906 5

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0043	05	26	1962	04	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	11		18	25 4	23 4		02	8	2	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_t ↓
STD	0000	25 95	36 50	24 20	0 000		5048 2
OBS	0000	25 95	36 50	24 20			5048 2
STD	0010↑	25 64	36 50	24 30	0 037		5046 4
STD	0020↑	25 36	36 49	24 38	0 073		5044 8
STD	0030↑	25 11	36 49	24 45	0 108		5043 4
OBS	0040	24 88	36 49	24 52			5042 2
STD	0050	24 67	36 50	24 60	0 177		5041 2
STD	0075	24 28	36 56	24 76	0 259		5039 7
OBS	0075	24 28	36 56	24 76			5039 7
STD	0100	24 11	36 68	24 90	0 339		5040 2
OBS	0100	24 11	36 68	24 90			5040 2
STD	0150	23 70	36 82	25 13	0 489		5040 1
OBS	0150	23 70	36 82	25 13			5040 1
OBS	0175	23 22	36 84	25 28			5037 7
STD	0200	22 21	36 77	25 52	0 625		5030 5
OBS	0200	22 21	36 77	25 52			5030 5
OBS	0225	20 44	36 62	25 90			5016 1
STD	0250	19 27	36 56	26 16	0 738		5006 7
OBS	0250	19 27	36 56	26 16			5006 7
STD	0300	18 28	36 47	26 34	0 831		4999 9
OBS	0300	18 28	36 47	26 34			4999 9
STD	0400	17 36	36 20	26 37	1 011		4995 4
STD	0500	14 45	35 90	26 80	1 171		4970 2
OBS	0500	14 45	35 90	26 80			4970 2
STD	0600	12 06	35 58	27 05	1 300		4948 2
OBS	0600	12 06	35 58	27 05			4948 2
OBS	0650	10 76	35 42	27 16			4935 4
OBS	0700	10 02	35 33	27 23			4929 0
OBS	0750	09 16	35 23	27 29			4920 9
STD	0800	08 58	35 18	27 35	1 507		4916 3
OBS	0800	08 58	35 18	27 35			4916 3
STD	1000	05 39	35 04	27 68	1 651		4885 6
OBS	1000	05 39	35 04	27 68			4885 6
STD	1200	04 52	35 00	27 75	1 755		4884 7
OBS	1300	04 20	34 99	27 78			4885 8
STD	1500	03 78	34 97	27 81	1 893		4890 9
OBS	1800	03 72	34 97	27 81			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		NO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0044	05	26	1962	07	24 40 N	077 35 W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	09		18	25 4	23 8		01	8	1	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	26 02	36 51	24 19	0 000		5048 8
OBS	0000	26 02	36 51	24 19			5048 8
STD	0010	25 70	36 50	24 28	0 037		5046 9
STD	0020	25 40	36 50	24 37	0 073		5045 1
STD	0030	25 13	36 49	24 45	0 109		5043 6
OBS	0040	24 89	36 49	24 52			5042 3
STD	0050	24 65	36 50	24 60	0 177		5041 0
STD	0075	24 25	36 56	24 77	0 260		5039 5
OBS	0075	24 25	36 56	24 77			5039 5
STD	0100	24 16	36 66	24 87	0 339		5040 5
OBS	0100	24 16	36 66	24 87			5040 5
STD	0150	23 73	36 82	25 12	0 490		5040 4
OBS	0150	23 73	36 82	25 12			5040 4
OBS	0175	23 25	36 84	25 28			5037 9
STD	0200	21 76	36 73	25 62	0 624		5026 5
OBS	0200	21 76	36 73	25 62			5026 5
OBS	0225	20 30	36 62	25 93			5014 8
STD	0250	19 20	36 55	26 17	0 734		5006 0
OBS	0250	19 20	36 55	26 17			5006 0
STD	0300	18 09	36 49	26 41	0 826		4998 2
OBS	0300	18 09	36 49	26 41			4998 2
STD	0400	16 61	36 24	26 58	0 993		4988 2
STD	0500	14 56	35 93	26 80	1 143		4971 5
OBS	0500	14 56	35 93	26 80			4971 5
STD	0600	11 93	35 55	27 05	1 272		4946 7
OBS	0600	11 93	35 55	27 05			4946 7
OBS	0650	10 79	35 42	27 16			4935 7
OBS	0700	09 80	35 31	27 25			4926 3
OBS	0750	09 00	35 21	27 30			4918 9
STD	0800	08 64	35 19	27 34	1 479		4917 1
OBS	0800	08 64	35 19	27 34			4917 1
STD	1000	05 35	35 05	27 69	1 622		4885 2
OBS	1000	05 35	35 05	27 69			4885 2
STD	1200	04 59	35 01	27 75	1 724		4885 7
OBS	1300	04 30	35 00	27 78			4887 2
STD	1500	03 89	34 98	27 80	1 864		4892 5
OBS	1800	03 72	34 97	27 81			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0045	05	26	1962	10	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	11		17	25 5	23 8		01	0	0	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_f ↓
STD	0000	25 92	36 53	24 23	0 000		5048 1
OBS	0000	25 92	36 53	24 23			5048 1
STD	0010	25 50	36 54	24 37	0 036		5045 5
STD	0020	25 15	36 55	24 49	0 071		5043 4
STD	0030	24 88	36 54	24 56	0 106		5041 9
OBS	0040	24 67	36 56	24 64			5040 8
STD	0050	24 62	36 63	24 71	0 172		5041 3
STD	0075	24 51	36 70	24 79	0 253		5042 0
OBS	0075	24 51	36 70	24 79			5042 0
STD	0100	24 06	36 64	24 88	0 332		5039 6
OBS	0100	24 06	36 64	24 88			5039 6
STD	0150	23 81	36 85	25 12	0 483		5041 1
OBS	0150	23 81	36 85	25 12			5041 1
OBS	0175	22 90	36 76	25 32			5034 8
STD	0200	21 88	36 73	25 58	0 618		5027 6
OBS	0200	21 88	36 73	25 58			5027 6
OBS	0225	20 25	36 64	25 96			5014 5
STD	0250	19 20	36 55	26 17	0 729		5006 0
OBS	0250	19 20	36 55	26 17			5006 0
STD	0300	18 14	36 45	26 36	0 822		4998 5
OBS	0300	18 14	36 45	26 36			4998 5
STD	0400	16 63	36 07	26 44	0 997		4987 8
STD	0500	14 45	35 76	26 70	1 158		4969 6
OBS	0500	14 45	35 90	26 80			4970 2
STD	0600	11 60	35 51	27 08	1 290		4942 7
OBS	0600	11 60	35 51	27 08			4942 7
OBS	0650	10 76	35 41	27 16			4935 3
OBS	0700	09 82	35 31	27 24			4926 5
OBS	0750	09 00	35 21	27 30			4918 9
STD	0800	08 51	35 18	27 36	1 493		4915 4
OBS	0800	08 51	35 18	27 36			4915 4
STD	1000	05 13	35 03	27 71	1 633		4882 1
OBS	1000	05 13	35 03	27 71			4882 1
STD	1200	04 47	35 00	27 76	1 733		4884 0
OBS	1300	04 21	34 99	27 78			4885 9
STD	1500	03 86	34 98	27 81	1 870		4892 1
OBS	1800	03 71	34 97	27 81			4906 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0046	05	26	1962	13	24 40′ N	077 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	09		18	26 8	24 3		01	8	2	10	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O₂ ml/l ↓	V_f ↓
STD	0000	25 87	36 53	24 25	0 000		5047 7
OBS	0000	25 87	36 53	24 25			5047 7
STD	0010 †	25 44	36 53	24 38	0 036		5045 0
STD	0020 †	25 08	36 53	24 49	0 071		5042 8
STD	0030 †	24 80	36 53	24 58	0 105		5041 2
OBS	0040	24 60	36 53	24 64			5040 2
STD	0050	24 58	36 59	24 69	0 172		5040 8
STD	0075	24 48	36 71	24 81	0 253		5041 8
OBS	0075	24 48	36 71	24 81			5041 8
STD	0100	24 32	36 78	24 91	0 331		5042 2
OBS	0100	24 32	36 78	24 91			5042 2
STD	0150	23 75	36 84	25 13	0 481		5040 6
OBS	0150	23 75	36 84	25 13			5040 6
OBS	0175	23 10	36 80	25 29			5036 6
STD	0200	22 33	36 79	25 50	0 618		5031 6
OBS	0200	22 33	36 79	25 50			5031 6
OBS	0225	20 70	36 64	25 84			5018 4
STD	0250	19 34	36 55	26 13	0 732		5007 3
OBS	0250	19 34	36 55	26 13			5007 3
STD	0300	18 09	36 45	26 38	0 825		4998 0
OBS	0300	18 09	36 45	26 38			4998 0
STD	0400	16 61	36 22	26 56	0 994		4988 2
STD	0500	14 42	35 91	26 82	1 144		4969 9
OBS	0500	14 42	35 91	26 82			4969 9
STD	0600	11 51	35 51	27 10	1 269		4941 7
OBS	0600	11 51	35 51	27 10			4941 7
OBS	0650	10 89	35 43	27 15			4936 9
OBS	0700	09 91	35 32	27 24			4927 6
OBS	0750	09 01	35 21	27 30			4919 0
STD	0800	08 52	35 19	27 36	1 469		4915 6
OBS	0800	08 52	35 19	27 36			4915 6
STD	1000	05 15	35 02	27 69	1 610		4882 3
OBS	1000	05 15	35 02	27 69			4882 3
STD	1200	04 47	35 00	27 76	1 711		4884 0
OBS	1300	04 21	34 99	27 78			4885 9
STD	1500	03 85	34 98	27 81	1 848		4891 9
OBS	1800	03 71	34 98	27 82			4906 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0047	05	26	1962	16	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		18	28 6	24 4		02	8	2	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ml/l ▼	V_f ▼
STD	0000	26 18	36 52	24 14	0 000		5050 0
OBS	0000	26 18	36 52	24 14			5050 0
STD	0010†	25 72	36 53	24 30	0 037		5047 1
STD	0020†	25 32	36 53	24 42	0 073		5044 6
STD	0030†	25 00	36 54	24 53	0 108		5042 8
OBS	0040	24 75	36 54	24 60			5041 4
STD	0050	24 62	36 60	24 69	0 175		5041 1
STD	0075	24 43	36 74	24 85	0 255		5041 5
OBS	0075	24 43	36 74	24 85			5041 5
STD	0100	24 41	36 85	24 94	0 333		5043 1
OBS	0100	24 41	36 85	24 94			5043 1
STD	0150	23 87	36 87	25 12	0 482		5041 7
OBS	0150	23 87	36 87	25 12			5041 7
OBS	0175	23 25	36 86	25 29			5038 0
STD	0200	22 03	36 77	25 57	0 618		5029 0
OBS	0200	22 03	36 77	25 57			5029 0
OBS	0225	20 38	36 63	25 92			5015 6
STD	0250	19 15	36 55	26 18	0 729		5005 6
OBS	0250	19 15	36 55	26 18			5005 6
STD	0300	17 99	36 44	26 39	0 821		4997 0
OBS	0300	17 99	36 44	26 39			4997 0
STD	0400	16 55	36 22	26 57	0 988		4987 6
STD	0500	14 37	35 91	26 83	1 137		4969 4
OBS	0500	14 37	35 91	26 83			4969 4
STD	0600	11 44	35 50	27 10	1 262		4940 9
OBS	0600	11 44	35 50	27 10			4940 9
OBS	0650	10 88	35 43	27 15			4936 8
OBS	0700	09 92	35 33	27 24			4927 8
OBS	0750	09 00	35 21	27 30			4918 9
STD	0800	08 66	35 19	27 34	1 463		4917 3
OBS	0800	08 66	35 19	27 34			4917 3
STD	1000	05 28	35 08	27 73	1 603		4884 3
OBS	1000	05 28	35 08	27 73			4884 3
STD	1200	04 55	35 02	27 76	1 701		4885 2
OBS	1300	04 27	35 00	27 78			4886 8
STD	1500	03 88	35 00	27 82	1 836		4892 4
OBS	1800	03 73	34 99	27 83			4906 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0048	05	26	1962	19	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	07		16	26 8	23 8		02	8	2	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼		S‰ ▼		σ_t ▼		Σ Δ D ▼	O_2 ml/l ▼	V_f ▼
STD	0000	26	74	36	54	23	98	0 000		5054 2
OBS	0000	26	74	36	54	23	98			5054 2
STD	0010 †	26	04	36	53	24	20	0 038		5049 5
STD	0020 †	25	47	36	53	24	37	0 075		5045 8
STD	0030 †	25	02	36	52	24	50	0 110		5042 9
OBS	0040	24	70	36	52	24	60			5040 9
STD	0050	24	70	36	63	24	68	0 177		5041 9
STD	0075	24	54	36	78	24	85	0 258		5042 5
OBS	0075	24	54	36	78	24	85			5042 5
STD	0100	24	18	36	77	24	95	0 335		5041 0
OBS	0100	24	18	36	77	24	95			5041 0
STD	0150	23	82	36	90	25	15	0 484		5041 4
OBS	0150	23	82	36	90	25	15			5041 4
OBS	0175	22	99	36	80	25	32			5035 7
STD	0200	21	85	36	75	25	61	0 618		5027 4
OBS	0200	21	85	36	75	25	61			5027 4
OBS	0225	19	91	36	60	26	02			5011 3
STD	0250	18	84	36	52	26	24	0 726		5002 6
OBS	0250	18	84	36	52	26	24			5002 6
STD	0300	17	90	36	43	26	41	0 816		4996 1
OBS	0300	17	90	36	43	26	41			4996 1
STD	0400	16	34	36	18	26	59	0 982		4985 3
STD	0500	14	21	35	87	26	83	1 130		4967 6
OBS	0500	14	21	35	87	26	83			4967 6
STD	0600	11	50	35	50	27	09	1 255		4941 6
OBS	0600	11	50	35	50	27	09			4941 6
OBS	0650	10	88	35	43	27	15			4936 8
OBS	0700	09	66	35	29	27	26			4924 5
OBS	0750	08	95	35	21	27	31			4918 3
STD	0800	08	52	35	19	27	36	1 455		4915 6
OBS	0800	08	52	35	19	27	36			4915 6
STD	1000	05	15	35	02	27	69	1 596		4882 3
OBS	1000	05	15	35	02	27	69			4882 3
STD	1200	04	47	35	00	27	76	1 697		4884 0
OBS	1300	04	21	34	99	27	78			4885 9
STD	1500	03	86	34	98	27	81	1 834		4892 1
OBS	1800	03	75	34	97	27	81			4907 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0049	05	26	1962	22	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	09		16	27 5	23 6		01	8	2	07	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ ml/l ▼	V_f ▼
STD	0000	26 63	36 54	24 02	0 000		5053 4
OBS	0000	26 63	36 54	24 02			5053 4
STD	0010 †	26 04	36 55	24 21	0 038		5049 6
STD	0020 †	25 55	36 56	24 37	0 075		5046 5
STD	0030 †	25 16	36 56	24 49	0 110		5044 1
OBS	0040	24 88	36 57	24 58			5042 5
STD	0050	24 83	36 67	24 68	0 177		5043 0
STD	0075	24 70	36 81	24 82	0 258		5043 9
OBS	0075	24 70	36 81	24 82			5043 9
STD	0100	24 22	36 79	24 95	0 336		5041 4
OBS	0100	24 22	36 79	24 95			5041 4
STD	0150	23 70	36 88	25 17	0 484		5040 3
OBS	0150	23 70	36 88	25 17			5040 3
OBS	0175	23 06	36 83	25 32			5036 4
STD	0200	21 86	36 76	25 61	0 617		5027 5
OBS	0200	21 86	36 76	25 61			5027 5
OBS	0225	20 03	36 61	26 00			5012 4
STD	0250	19 40	36 53	26 10	0 729		5007 8
OBS	0250	19 40	36 53	26 10			5007 8
STD	0300	18 02	36 44	26 39	0 823		4997 3
OBS	0300	18 02	36 44	26 39			4997 3
STD	0400	16 65	36 22	26 55	0 992		4988 6
STD	0500	14 42	35 90	26 81	1 142		4969 9
OBS	0500	14 42	35 90	26 81			4969 9
STD	0600	11 34	35 49	27 11	1 268		4939 7
OBS	0600	11 34	35 49	27 11			4939 7
OBS	0650	10 76	35 43	27 17			4935 4
OBS	0700	09 69	35 29	27 25			4924 9
OBS	0750	08 85	35 21	27 33			4917 0
STD	0800	08 26	35 18	27 40	1 462		4912 3
OBS	0800	08 26	35 18	27 40			4912 3
STD	1000	05 08	35 02	27 70	1 599		4881 4
OBS	1000	05 08	35 02	27 70			4881 4
STD	1200	04 43	35 00	27 76	1 698		4883 5
OBS	1300	04 18	34 99	27 78			4885 5
STD	1500	03 84	34 98	27 81	1 834		4891 8
OBS	1800	03 72	34 97	27 81			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0050	05	27	1962	01	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	05		16	26 4	23 9		01	8	2	07	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O₂ml/l ▼	V_f ▼
STD	0000	26 08	36 53	24 18	0 000		5049 3
ORS	0000	26 08	36 53	24 18			5049 3
STD	0010 †	25 67	36 56	24 33	0 037		5046 9
STD	0020 †	25 31	36 59	24 47	0 072		5044 8
STD	0030 †	25 02	36 62	24 58	0 106		5043 2
OBS	0040	24 79	36 65	24 67			5042 1
STD	0050	24 71	36 68	24 72	0 173		5042 1
STD	0075	24 47	36 75	24 84	0 253		5041 9
OBS	0075	24 47	36 75	24 84			5041 9
STD	0100	24 20	36 81	24 97	0 330		5041 3
OBS	0100	24 20	36 81	24 97			5041 3
STD	0150	23 91	36 91	25 13	0 478		5042 1
OBS	0150	23 91	36 91	25 13			5042 1
OBS	0175	23 21	36 83	25 28			5037 6
STD	0200	22 11	36 77	25 55	0 614		5029 6
OBS	0200	22 11	36 77	25 55			5029 6
OBS	0225	20 40	36 63	25 92			5015 8
STD	0250	19 29	36 57	26 16	0 726		5006 9
OBS	0250	19 29	36 57	26 16			5006 9
STD	0300	18 06	36 46	26 39	0 818		4997 8
OBS	0300	18 06	36 46	26 39			4997 8
STD	0400	16 54	36 22	26 58	0 986		4987 5
STD	0500	14 42	35 91	26 82	1 135		4969 9
OBS	0500	14 42	35 91	26 82			4969 9
STD	0600	11 69	35 54	27 09	1 261		4943 9
OBS	0600	11 69	35 54	27 09			4943 9
OBS	0650	10 76	35 42	27 16			4935 4
OBS	0700	09 80	35 31	27 25			4926 3
OBS	0750	09 10	35 24	27 31			4920 2
STD	0800	08 53	35 20	27 37	1 462		4915 8
OBS	0800	08 53	35 20	27 37			4915 8
STD	1000	05 15	35 03	27 70	1 601		4882 4
OBS	1000	05 15	35 03	27 70			4882 4
STD	1200	04 45	35 00	27 76	1 701		4883 7
OBS	1300	04 19	34 99	27 78			4885 6
STD	1500	03 83	34 98	27 81	1 838		4891 7
OBS	1800	03 72	34 97	27 81			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0051	05	27	1962	04	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		16	25 7	23 1		01	8	1	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O₂ml/l ▼	V_t ▼
STD	0000	25 96	36 56	24 24	0 000		5048 5
OBS	0000	25 96	36 56	24 24			5048 5
STD	0010 †	25 51	36 56	24 38	0 036		5045 7
STD	0020 †	25 15	36 55	24 49	0 071		5043 4
STD	0030 †	24 86	36 55	24 58	0 106		5041 7
OBS	0040	24 65	36 55	24 64			5040 7
STD	0050	24 62	36 65	24 72	0 172		5041 3
STD	0075	24 54	36 79	24 85	0 252		5042 6
OBS	0075	24 54	36 79	24 85			5042 6
STD	0100	24 07	36 77	24 98	0 329		5040 2
OBS	0100	24 07	36 77	24 98			5040 2
STD	0150	23 88	36 91	25 14	0 477		5041 9
OBS	0150	23 88	36 91	25 14			5041 9
OBS	0175	23 13	36 81	25 29			5036 8
STD	0200	21 97	36 76	25 58	0 611		5028 4
OBS	0200	21 97	36 76	25 58			5028 4
OBS	0225	20 29	36 61	25 93			5014 7
STD	0250	19 14	36 55	26 19	0 722		5005 5
OBS	0250	19 14	36 55	26 19			5005 5
STD	0300	17 95	36 45	26 41	0 813		4996 7
OBS	0300	17 95	36 45	26 41			4996 7
STD	0400	16 32	36 23	26 64	0 977		4985 3
STD	0500	14 18	35 92	26 88	1 120		4967 4
OBS	0500	14 18	35 92	26 88			4967 4
STD	0600	11 54	35 51	27 09	1 243		4942 1
OBS	0600	11 54	35 51	27 09			4942 1
OBS	0650	10 82	35 43	27 16			4936 1
OBS	0700	09 89	35 31	27 23			4927 4
OBS	0750	09 07	35 24	27 31			4919 9
STD	0800	08 49	35 18	27 36	1 444		4915 2
OBS	0800	08 49	35 18	27 36			4915 2
STD	1000	05 17	35 02	27 69	1 585		4882 6
OBS	1000	05 17	35 02	27 69			4882 6
STD	1200	04 42	35 00	27 76	1 686		4883 3
OBS	1300	04 14	34 99	27 78			4885 0
STD	1500	03 78	34 98	27 81	1 821		4891 0
OBS	1800	03 71	34 97	27 81			4906 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0052	05	27	1962	07	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	10		15	25 6	23 1		02	8	1	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O_2 ml/l ▼	V_f ▼
STD	0000	26 11	36 56	24 20	0 000		5049 6
OBS	0000	26 11	36 56	24 20			5049 6
STD	0010 †	25 81	36 60	24 32	0 037		5048 1
STD	0020 †	25 52	36 63	24 43	0 072		5046 5
STD	0030 †	25 26	36 66	24 54	0 107		5045 2
OBS	0040	25 02	36 68	24 62			5044 0
STD	0050	24 77	36 69	24 71	0 174		5042 6
STD	0075	24 35	36 72	24 86	0 254		5040 8
OBS	0075	24 35	36 72	24 86			5040 8
STD	0100	24 25	36 86	24 99	0 331		5041 9
OBS	0100	24 25	36 86	24 99			5041 9
STD	0150	23 90	36 90	25 13	0 479		5042 0
OBS	0150	23 90	36 90	25 13			5042 0
OBS	0175	22 99	36 80	25 32			5035 7
STD	0200	22 13	36 75	25 53	0 615		5029 7
OBS	0200	22 13	36 75	25 53			5029 7
OBS	0225	19 79	36 59	26 05			5010 2
STD	0250	18 92	36 53	26 23	0 726		5003 4
OBS	0250	18 92	36 53	26 23			5003 4
STD	0300	17 87	36 44	26 42	0 816		4995 9
OBS	0300	17 87	36 44	26 42			4995 9
STD	0400	16 27	36 17	26 60	0 980		4984 6
STD	0500	14 16	35 86	26 83	1 127		4967 0
OBS	0500	14 16	35 86	26 83			4967 0
STD	0600	11 54	35 50	27 08	1 253		4942 0
OBS	0600	11 54	35 50	27 08			4942 0
OBS	0650	10 81	35 43	27 16			4936 0
OBS	0700	09 88	35 31	27 23			4927 2
OBS	0750	09 01	35 21	27 30			4919 0
STD	0800	08 40	35 18	27 37	1 453		4914 1
OBS	0800	08 40	35 18	27 37			4914 1
STD	1000	05 15	35 02	27 69	1 592		4882 3
OBS	1000	05 15	35 02	27 69			4882 3
STD	1200	04 43	34 99	27 75	1 693		4883 4
OBS	1300	04 16	34 98	27 77			4885 2
STD	1500	03 80					
OBS	1800	03 70					

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		NO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0053	05	27	1962	10	24 ° 40 ′ N	077 ° 35 ′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY °	WET °			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	09		14	25 2	22 8		02	8	1	10	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O=ml/l ↓	V_t ↓
STD	0000	26 03	36 56	24 22	0 000		5049 0
OBS	0000	26 03	36 56	24 22			5049 0
STD	0010 †	25 92	36 57	24 26	0 037		5048 8
STD	0020 †	25 77	36 59	24 33	0 073		5048 3
STD	0030 †	25 58	36 60	24 39	0 109		5047 4
OBS	0040	25 35	36 62	24 48			5046 3
STD	0050	24 89	36 64	24 63	0 178		5043 4
STD	0075	24 25	36 70	24 87	0 259		5040 0
OBS	0075	24 25	36 70	24 87			5040 0
STD	0100	24 34	36 88	24 98	0 336		5042 7
OBS	0100	24 34	36 88	24 98			5042 7
STD	0150	24 07	36 94	25 11	0 484		5043 5
OBS	0150	24 07	36 94	25 11			5043 5
OBS	0175	23 28	36 89	25 30			5038 4
STD	0200	22 01	36 74	25 56	0 620		5028 7
OBS	0200	22 01	36 74	25 56			5028 7
OBS	0225	20 37	36 62	25 92			5015 5
STD	0250	19 23	36 54	26 16	0 732		5006 3
OBS	0250	19 23	36 54	26 16			5006 3
STD	0300	18 04	36 44	26 38	0 825		4997 5
OBS	0300	18 04	36 44	26 38			4997 5
STD	0400	16 68	36 22	26 54	0 995		4988 9
STD	0500	14 52	35 91	26 80	1 146		4971 0
OBS	0500	14 52	35 91	26 80			4971 0
STD	0600	11 56	35 51	27 09	1 274		4942 3
OBS	0600	11 56	35 51	27 09			4942 3
OBS	0650	10 88	35 44	27 16			4936 9
OBS	0700	09 94	35 33	27 24			4928 0
OBS	0750	08 96	35 24	27 33			4918 5
STD	0800	08 26	35 21	27 42	1 469		4912 5
OBS	0800	08 26	35 21	27 42			4912 5
STD	1000	05 13	35 08	27 74	1 599		4882 3
OBS	1000	05 13	35 08	27 74			4882 3
STD	1200	04 41	35 01	27 77	1 694		4883 2
OBS	1300	04 14	34 98	27 78			4884 9
STD	1500	03 78	34 98	27 81	1 828		4891 0
OBS	1800	03 70	34 97	27 81			4906 4

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0054	05	27	1962	13	24° 40′ N	077° 35′ W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		16	26 4	23 3		01	8	1	10	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 98	36 54	24 22	0 000		5048 6
OBS	0000	25 98	36 54	24 22			5048 6
STD	0010 ↑	25 72	36 64	24 38	0 036		5047 5
STD	0020 ↑	25 47	36 72	24 52	0 071		5046 5
STD	0030 ↑	25 23	36 77	24 63	0 105		5045 4
OBS	0040	25 01	36 80	24 72			5044 4
STD	0050	24 73	36 74	24 76	0 171		5042 5
STD	0075	24 32	36 73	24 87	0 250		5040 6
OBS	0075	24 32	36 73	24 87			5040 6
STD	0100	24 32	36 89	25 00	0 326		5042 6
OBS	0100	24 32	36 89	25 00			5042 6
STD	0150	23 74	36 84	25 13	0 474		5040 5
OBS	0150	23 74	36 84	25 13			5040 5
OBS	0175	23 24	36 91	25 33			5038 1
STD	0200	21 87	36 71	25 57	0 609		5027 4
OBS	0200	21 87	36 71	25 57			5027 4
OBS	0225	20 59	36 63	25 86			5017 4
STD	0250	19 24	36 55	26 16	0 721		5006 4
OBS	0250	19 24	36 55	26 16			5006 4
STD	0300	18 17	36 46	26 36	0 814		4998 8
OBS	0300	18 17	36 46	26 36			4998 8
STD	0400	17 50	36 42	26 50	0 986		4997 6
STD	0500	15 28	36 10	26 77	1 142		4979 7
OBS	0500	15 28	36 10	26 77			4979 7
STD	0600	11 51	35 50	27 09	1 270		4941 7
OBS	0600	11 51	35 50	27 09			4941 7
OBS	0650	10 79	35 42	27 16			4935 7
OBS	0700	10 00	35 33	27 23			4928 7
OBS	0750	08 96	35 22	27 32			4918 4
STD	0800	08 25	35 17	27 39	1 468		4912 2
OBS	0800	08 25	35 17	27 39			4912 2
STD	1000	05 13	35 03	27 71	1 605		4882 1
OBS	1000	05 13	35 03	27 71			4882 1
STD	1200	04 42	35 00	27 76	1 704		4883 3
OBS	1300	04 16	34 99	27 78			4885 2
STD	1500	03 81	34 98	27 81	1 840		4891 4
OBS	1800	03 72	34 98	27 82			4906 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0055	05	27	1962	16	24° 40′ N	077° 35′ W	1850	14

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		15	26 7	23 3			8	1	08	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	26 28	36 56	24 14	0 000		5050 9
OBS	0000	26 28	36 56	24 14			5050 9
STD	0010 ↑	26 00	36 64	24 29	0 037		5049 6
STD	0020 ↑	25 72	36 71	24 43	0 073		5048 3
STD	0030 ↑	25 45	36 76	24 55	0 108		5047 0
OBS	0040	25 18	36 79	24 66			5045 6
STD	0050	24 82	36 78	24 76	0 174		5043 4
STD	0075	24 30	36 77	24 91	0 252		5040 6
OBS	0075	24 30	36 77	24 91			5040 6
STD	0100	24 34	36 91	25 00	0 329		5042 8
OBS	0100	24 34	36 91	25 00			5042 8
STD	0150	23 83	36 86	25 12	0 476		5041 3
OBS	0150	23 83	36 86	25 12			5041 3
OBS	0175	23 53	36 90	25 24			5040 4
STD	0200	22 08	36 74	25 54	0 613		5029 3
OBS	0200	22 08	36 74	25 54			5029 3
OBS	0225	20 14	36 61	25 97			5013 4
STD	0250	19 13	36 55	26 19	0 724		5005 4
OBS	0250	19 13	36 55	26 19			5005 4
STD	0300	18 03	36 46	26 40	0 816		4997 5
OBS	0300	18 03	36 46	26 40			4997 5
STD	0400	16 38	36 21	26 61	0 981		4985 8
STD	0500	14 25	35 90	26 85	1 128		4968 1
OBS	0500	14 25	35 90	26 85			4968 1
STD	0600	11 63	35 53	27 09	1 252		4943 2
OBS	0600	11 63	35 53	27 09			4943 2
OBS	0650	10 91	35 46	27 17			4937 3
OBS	0700	10 19	35 35	27 21			4931 1
OBS	0750	09 17	35 24	27 30			4921 1
STD	0800	08 37	35 19	27 39	1 451		4913 8
OBS	0800	08 37	35 19	27 39			4913 8
STD	1000	05 28	35 03	27 69	1 590		4884 1
OBS	1000	05 28	35 03	27 69			4884 1
STD	1200	04 60	34 99	27 73	1 694		4885 7
OBS	1300	04 20	34 98	27 77			4885 7
OBS	1400	03 75	34 97	27 81			4885 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0056	05	27	1962	19	24° 40′N	077° 35′W	1850	18

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	09		15	26 7	23 3		02	8	1	08	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O₂ml/l ▼	V_f ▼
STD	0000	26 47	36 54	24 07	0 000		5052 2
OBS	0000	26 47	36 54	24 07			5052 2
STD	0010 †	25 93	36 57	24 26	0 038		5048 9
STD	0020 †	25 47	36 60	24 43	0 074		5046 0
STD	0030 †	25 08	36 63	24 57	0 108		5043 7
OBS	0040	24 78	36 66	24 68			5042 1
STD	0050	24 59	36 67	24 75	0 174		5041 2
STD	0075	24 33	36 74	24 88	0 254		5040 8
OBS	0075	24 33	36 74	24 88			5040 8
STD	0100	24 36	36 88	24 98	0 330		5042 9
OBS	0100	24 36	36 88	24 98			5042 9
STD	0150	23 83	36 87	25 13	0 479		5041 3
OBS	0150	23 83	36 87	25 13			5041 3
OBS	0175	23 21	36 87	25 31			5037 7
STD	0200	21 92	36 74	25 58	0 614		5027 9
OBS	0200	21 92	36 74	25 58			5027 9
OBS	0225	19 76	36 62	26 08			5010 0
STD	0250	18 78	36 52	26 26	0 723		5002 0
OBS	0250	18 78	36 52	26 26			5002 0
STD	0300	17 80	36 44	26 44	0 812		4995 2
OBS	0300	17 80	36 44	26 44			4995 2
STD	0400	16 35	36 20	26 61	0 975		4985 5
STD	0500	14 25	35 90	26 85	1 122		4968 1
OBS	0500	14 25	35 90	26 85			4968 1
STD	0600	11 49	35 55	27 13	1 244		4941 7
OBS	0600	11 49	35 55	27 13			4941 7
OBS	0650	10 95	35 45	27 15			4937 7
OBS	0700	09 98	35 36	27 26			4928 6
OBS	0750	09 10	35 25	27 32			4920 3
STD	0800	08 25	35 21	27 42	1 435		4912 3
OBS	0800	08 25	35 21	27 42			4912 3
STD	1000	05 12	35 04	27 71	1 568		4882 0
OBS	1000	05 12	35 04	27 71			4882 0
STD	1200	04 43	35 00	27 76	1 666		4883 5
OBS	1300	04 17	34 99	27 78			4885 4
STD	1500	03 82	34 99	27 82	1 801		4891 6
OBS	1800	03 72	34 99	27 83			4906 8

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0057	06	14	1962	11	26° 20′ N	073° 03′ W	5075	29

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	09		17	25 8	23 3			8	2	12	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	Σ Δ D ▼	O_2 ml/l ▼	V_t ▼
STD	0000	26 58	36 78	24 21	0 000		5033 9
OBS	0000	26 58	36 78	24 21			5033 9
OBS	0008	26 61	36 73	24 17			5054 4
STD	0010	26 60	36 73	24 17	0 037		5054 4
OBS	0016	26 56	36 73	24 18			5054 4
STD	0020	26 16	36 72	24 30	0 074		5051 7
OBS	0024	25 80	36 71	24 41			5049 1
STD	0030	25 40	36 71	24 53	0 110		5046 5
OBS	0040	24 84	36 72	24 71			5042 8
STD	0050	24 54	36 73	24 81	0 176		5041 0
OBS	0060	24 17	36 73	24 92			5038 7
STD	0075	23 44	36 75	25 15	0 251		5033 7
OBS	0080	23 23	36 75	25 21			5032 3
STD	0100	22 68	36 74	25 36	0 320		5028 9
OBS	0120	22 05	36 72	25 53			5024 6
STD	0150	20 90	36 68	25 82	0 442		5016 3
OBS	0161	20 53	36 67	25 91			5013 6
STD	0200	19 53	36 62	26 14	0 548		5006 6
OBS	0202		36 62				
OBS	0244	18 70	36 54	26 29			5001 1
STD	0250	18 64	36 54	26 31	0 642		5000 8
STD	0300	18 21	36 49	26 38	0 731		4999 3
OBS	0329	17 98	36 47	26 42			4998 6
→ OBS	0388	17 57	36 42	26 48			4997 7
STD	0400	17 50	36 40	26 48	0 904		4997 6
OBS	0415	17 38	36 38	26 50			4997 1
→ OBS	0465	16 80	36 28	26 56			4993 8
STD	0500	16 34	36 21	26 62	1 068		4990 8
OBS	0503	16 29	36 20	26 62			4990 5
STD	0600	14 14	35 84	26 82	1 218		4972 1
→ OBS	0624	13 47	35 76	26 90			4965 9
OBS	0685	11 50	35 70*	27 25*			
OBS	0784	09 95	35 31	27 22			4932 6
STD	0800	09 59	35 29	27 27	1 457		4929 1
OBS	0946	06 93					
STD	1000	06 42	35 13	27 62	1 618		4899 6
OBS	1190	05 01	35 03	27 72			4890 9
STD	1200	04 98	35 03	27 72	1 733		4891 0
STD	1500	04 15	35 00	27 79	1 881		4896 2
OBS	1608	03 94	34 99	27 81			4899 2
STD	2000	03 58	35 00	27 85	2 105		4916 0
OBS	2040	03 54	35 00	27 85			4917 7
OBS	2490	03 09	34 96	27 87			4936 5
STD	2500	03 08	34 96	27 87	2 319		4936 9
OBS	2950	02 76	34 94	27 88			4957 7

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0058	06	16	1962	11	24° 50′ N	072° 21′ W	5444	06

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	14		16	26 5	24 1		02	8	1	15	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_f ↓
STD	0000	26 25	36 73	24 28	0 000		5051 3
OBS	0000	26 25	36 73	24 28			5051 3
OBS	0006	26 27	36 72	24 27			5051 7
STD	0010	26 29	36 72	24 26	0 037		5052 1
OBS	0014	26 30	36 71	24 25			5052 3
STD	0020	26 27	36 67	24 23	0 074		5052 3
OBS	0021	26 24	36 66	24 23			5052 1
STD	0030	25 40	36 69	24 52	0 109		5046 4
OBS	0035	25 05	36 70	24 63			5044 0
STD	0050	24 57	36 68	24 76	0 176		5041 1
OBS	0053	24 49	36 68	24 79			5040 6
OBS	0071	24 11	36 71	24 92			5038 7
STD	0075	24 02	36 72	24 96	0 254		5038 2
STD	0100	23 39	36 73	25 15	0 328		5034 6
OBS	0108	23 16	36 74	25 23			5033 2
OBS	0145	21 87	36 68	25 55			5024 3
STD	0150	21 77	36 67	25 57	0 461		5023 7
OBS	0183	21 15	36 64	25 72			5020 1
STD	0200	20 90	36 64	25 79	0 581		5018 8
OBS	0221		36 63				
STD	0250	20 17	36 63	25 98	0 691		5015 1
STD	0300	19 46	36 61	26 15	0 794		5011 3
OBS	0300	19 46	36 61	26 15			5011 3
OBS	0382	18 33	36 51	26 36			5004 9
STD	0400	18 24	36 50	26 38	0 983		5005 0
OBS	0465	17 74	36 45	26 46			5003 6
STD	0500	17 36	36 40	26 52	1 158		5001 6
STD	0600	15 82	36 19	26 72	1 318		4990 9
OBS	0640	15 02	36 07	26 81			4984 4

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0059	06	19	1962	04	23 53 N	077 15 W	1353	13

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	12		17	25 5	22 8		02	9	2	22	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	27 30	36 56	23 82	0 000		5058 3
OBS	0000	27 30	36 56	23 82			5058 3
STD	0010 †	27 07	36 66	23 97	0 040		5057 6
STD	0020 †	26 79	36 74	24 12	0 079		5056 4
STD	0030 †	26 47	36 80	24 26	0 117		5054 8
OBS	0038	26 18	36 83	24 38			5053 2
STD	0050	25 47	36 83	24 60	0 187		5048 5
OBS	0072	24 63	36 82	24 85			5043 2
STD	0075	24 59	36 83	24 87	0 268		5043 1
OBS	0096	24 37	36 89	24 98			5042 8
STD	0100	24 37	36 90	24 99	0 345		5043 0
OBS	0145	24 11	36 98	25 13			5043 7
STD	0150	24 09	36 98	25 13	0 493		5043 8
OBS	0170	23 77	36 97	25 22			5042 3
OBS	0194	22 90	36 89	25 41			5036 3
STD	0200	22 43	36 84	25 51	0 629		5032 6
OBS	0218	21 18	36 72	25 77			5022 5
OBS	0242	19 90	36 61	26 03			5012 2
STD	0250	19 64	36 59	26 09	0 744		5010 2
OBS	0291	18 42	36 49	26 32			5000 8
STD	0300	18 29	36 47	26 34	0 840		5000 0
STD	0400	16 64	36 23	26 56	1 010		4988 5
OBS	0486	14 94	35 99	26 77			4974 9
STD	0500	14 63	35 94	26 80	1 161		4972 3
OBS	0584	12 68	35 67	26 99			4954 7
STD	0600	12 25	35 61	27 03	1 291		4950 5
OBS	0633	11 49	35 51	27 10			4943 3
OBS	0682	10 64	35 42	27 19			4935 7
OBS	0731	09 57	35 32	27 29			4925 2
OBS	0781	08 78	35 23	27 35			4918 0
STD	0800	08 34	35 21	27 41	1 494		4913 5
OBS	0978	05 46	35 05	27 68			4885 4
STD	1000	05 33	35 04	27 69	1 631		4884 8
OBS	1127	04 71	35 02	27 75			4883 4
STD	1200	04 47	35 02	27 77	1 731		4884 1
OBS	1277	04 30	35 02	27 79			4886 0

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0060	06	20	1962	14	24° 31′ N	077° 30′ W	1637	16

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	17		15	27 4	24 6		02	9	1	17	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S‰ ▼	σ_t ▼	ΣΔD ▼	O₂ ml/l ▼	V_f ▼
STD	0000	26 57	36 42	23 95	0 000		5052 5
OBS	0000	26 57	36 42	23 95			5052 5
STD	0010 †	26 54	36 46	23 99	0 040		5053 0
STD	0020 †	26 45	36 51	24 05	0 079		5053 0
STD	0030 †	26 31	36 56	24 13	0 117		5052 7
OBS	0040	26 10	36 61	24 24			5051 9
STD	0050	25 71	36 70	24 43	0 190		5049 8
STD	0075	24 91	36 82	24 76	0 275		5045 5
OBS	0075	24 91	36 82	24 76			5045 5
STD	0100	24 34	36 79	24 91	0 354		5042 4
OBS	0100	24 34	36 79	24 91			5042 4
STD	0150	24 00	36 92	25 11	0 504		5042 9
OBS	0150	24 00	36 92	25 11			5042 9
OBS	0175	23 14	36 94	25 38			5037 4
STD	0200	22 22	36 89	25 61	0 639		5031 0
OBS	0200	22 22	36 89	25 61			5031 0
OBS	0225	20 25	36 63	25 96			5014 4
STD	0250	19 26	36 57	26 17	0 749		5006 6
OBS	0250	19 26	36 57	26 17			5006 6
STD	0300	18 02	36 46	26 40	0 841		4997 4
OBS	0300	18 02	36 46	26 40			4997 4
STD	0400	16 64	36 26	26 58	1 007		4988 6
STD	0500	14 67	35 98	26 82	1 156		4972 8
OBS	0500	14 67	35 98	26 82			4972 8
STD	0600	12 10	35 61	27 06	1 284		4948 8
OBS	0600	12 10	35 61	27 06			4948 8
OBS	0650	10 98	35 46	27 16			4938 1
OBS	0700	09 94	35 33	27 24			4928 0
OBS	0750	09 01	35 28	27 36			4919 3
STD	0800	07 86	35 23	27 50	1 474		4907 6
OBS	0800	07 86	35 23	27 50			4907 6
STD	1000	05 03	35 04	27 72	1 599		4880 8
OBS	1000	05 03	35 04	27 72			4880 8
STD	1200	04 46	35 01	27 77	1 695		4883 9
OBS	1300	04 24	35 00	27 78			4886 4
STD	1500	03 95	34 99	27 81	1 833		4893 4
OBS	1600	03 88	34 99	27 81			4897 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0061	06	21	1962	10	24° 15′ N	077° 21′ W	1426	13

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	16		15	26 7	23 2		02	3	3	16	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ml/l ↓	V_t ↓
STD	0000	26 62	36 36	23 88	0 000		5052 7
OBS	0000	26 62	36 36	23 88			5052 7
STD	0010 †	26 59	36 56	24 04	0 040		5053 7
STD	0020 †	26 57	36 73	24 18	0 078		5054 7
STD	0030 †	26 54	36 85	24 28	0 115		5055 5
OBS	0040	26 52	36 94	24 35			5056 2
STD	0050	25 83	36 94	24 57	0 185		5051 6
STD	0075	24 67	36 93	24 92	0 266		5044 1
OBS	0075	24 67	36 93	24 92			5044 1
STD	0100	24 32	36 84	24 96	0 343		5042 4
OBS	0100	24 32	36 84	24 96			5042 4
STD	0150	24 01	36 96	25 14	0 491		5043 1
OBS	0150	24 01	36 96	25 14			5043 1
OBS	0175	23 29	36 93	25 33			5038 6
STD	0200	21 49	36 77	25 72	0 623		5024 4
OBS	0200	21 49	36 77	25 72			5024 4
OBS	0225	20 02	36 63	26 02			5012 4
STD	0250	19 06	36 55	26 21	0 729		5004 7
OBS	0250	19 06	36 55	26 21			5004 7
STD	0300	18 14	36 46	26 37	0 821		4998 5
OBS	0300	18 14	36 46	26 37			4998 5
STD	0400	16 65	36 24	26 57	0 990		4988 6
STD	0500	14 52	35 94	26 82	1 140		4971 1
OBS	0500	14 52	35 94	26 82			4971 1
STD	0600	11 74	35 55	27 08	1 266		4944 5
OBS	0600	11 74	35 55	27 08			4944 5
OBS	0650	10 87	35 45	27 17			4936 8
OBS	0700	09 93	35 33	27 24			4927 9
OBS	0750	09 03	35 25	27 33			4919 4
STD	0800	07 80	35 17	27 46	1 457		4906 5
OBS	0800	07 80	35 17	27 46			4906 5
STD	1000	05 16	35 03	27 70	1 587		4882 5
OBS	1000	05 16	35 03	27 70			4882 5
STD	1200	04 44	35 01	27 77	1 686		4883 7
OBS	1200	04 44	35 01	27 77			4883 7
OBS	1300	04 28	35 00	27 78			4886 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
31947	0062	06	23	1962	06	23° 40′ N	076° 56′ W	1298	09

WIND		ANEMO. HGT.	AIR PRESS	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	09		17	26 4	24 2		01	8	1	09	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S‰ ↓	σ_t ↓	ΣΔD ↓	O₂ ml/l ↓	V_f ↓
STD	0000	27 38	36 72	23 91	0 000		5059 5
OBS	0000	27 38	36 72	23 91			5059 5
STD	0010	26 70	36 79	24 18	0 039		5055 3
STD	0020	26 09	36 84	24 41	0 075		5051 6
OBS	0028	25 67	36 87	24 57			5049 0
STD	0030	25 56	36 87	24 60	0 110		5048 3
STD	0050	24 76	36 91	24 88	0 174		5043 4
OBS	0053	24 69	36 91	24 90			5043 0
OBS	0070	24 49	36 93	24 97			5042 4
STD	0075	24 45	36 93	24 99	0 251		5042 4
STD	0100	24 30	36 93	25 03	0 326		5042 6
OBS	0105	24 28	36 93	25 04			5042 7
OBS	0122	24 22	36 95	25 07			5043 2
OBS	0140	24 11	36 95	25 10			5043 3
STD	0150	24 07	36 97	25 13	0 473		5043 6
OBS	0157	23 95	36 98	25 17			5043 1
OBS	0174	23 34	36 94	25 32			5039 0
STD	0200	20 85	36 71	25 85	0 601		5018 7
OBS	0208	20 21	36 65	25 98			5013 2
STD	0250	19 48	36 60	26 14	0 706		5008 8
STD	0300	18 54	36 51	26 31	0 801		5002 5
OBS	0336	17 82	36 43	26 43			4997 3
OBS	0399	16 46	36 24	26 61			4986 7
STD	0400	16 44	36 24	26 62	0 971		4986 6
OBS	0430	15 98	36 19	26 68			4983 4
OBS	0462	15 59	36 13	26 73			4980 9
OBS	0494	14 59	35 97	26 83			4971 6
STD	0500	14 44	35 94	26 84	1 117		4970 3
OBS	0528	13 74	35 83	26 90			4963 9
STD	0600	11 67	35 56	27 11	1 241		4943 8
OBS	0672	10 18	35 38	27 24			4929 6
OBS	0753	09 19	35 27	27 32			4921 6
STD	0800	08 46	35 21	27 39	1 438		4915 0
OBS	0931	05 83	35 08	27 66			4887 9