

**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 2  
Winter**



**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**

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DESCRIPTION OF MACHINE-GENERATED DATA RECORD

NOTE

This listing is an Oceans III run.

Until a data record introduction applicable to the Oceans III program can be prepared, please note the following differences with respect to the attached Oceans II introduction:

- (a) in the interpolated portion of the listing, "pressure" is given instead of "depth".
- (b) where the computer finds that an interpolation error estimate of 5 sigmas (E) or greater would have occurred, it branches to a linear interpolation routine. Such linear interpolations are indicated by an interpolation error estimate of "I" in the listing.

## INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a standard deviation ( $\sigma$ ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The measurement error estimate of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e.,  $1\sigma = A$ ,  $2\sigma = B$ , etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "interpolation error estimate" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; first, to give an indication of the quality of the interpolated data; second, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable (T, S,  $O_2$ ) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "measurement error estimate" comprises the "combined measurement and interpolation error estimate". It is expressed as a multiple of the standard deviation of measurement ( $\sigma$ ) under normal routine field conditions by:

# CANADIAN OCEANOGRAPHIC DATA CENTRE

MASTER	1 IDENT. CODE COUNTRY INST. <b>1 8</b>				2 LATITUDE (N=+) DEG.° MIN. $\frac{1}{10}$					3 LONGITUDE (W=+) DEG.° MIN. $\frac{1}{10}$					5 DATE YEAR MONTH DAY			6 TIME HOURS G.M.T. $\frac{1}{10}$			7 DEPTH TO BOTTOM			9 NO. DEPTHS OBS'D.		VESSEL																			
	ENTERED BY										CHECKED BY																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	19	20	21	22	23	24	25	26	27	28	29	30	31	34	35															
MASTER	10 WATER COLOUR TRANS.				11 WAVES I Dw Dw Pw Hw				12 WAVES II Dw Dw Pw Hw				13 WIND DIR. FORCE SPEED		14 BAROMETER		15 AIR TEMP. $\frac{1}{10}$		16 WET BULB $\frac{1}{10}$		17 W.W. CODE (SEPT. 62)		18 CLOUD TYPE AMT.		19 VIS.	20 HOURS AFTER H.W.		21 UNASSIGNED			22 CRUISE REFERENCE NUMBER		23 CONSEC. NUMBER	24 CARD TYPE											
		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79

OBSERVED CARD	6 TIME HOURS G.M.T. $\frac{1}{10}$		7 DEPTH OF SAMPLE e		8 TEMPERATURE ↓ e		9 SALINITY ↓ d/e		10 OXYGEN e		13 PO <sub>4</sub> - P ↓		14 TOTAL - P ↓		15 NO <sub>2</sub> - N ↓		16 NO <sub>3</sub> - N ↓		17 SiO <sub>3</sub> - Si		18 p.H. ↓		CARD TYPE																			
	1																						3																			
	2																						3																			
	3																						3																			
	4																						3																			
	5																						3																			
	6																						3																			
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		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	80

$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left( \frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

$\sigma$  = Standard deviation of the combined error estimates at standard oceanographic depth,  
 $\Delta V_i$  = the interpolation error estimate of variable "V" at standard oceanographic depth =  $1/3 (V_{i_1} - V_{i_2})$   
 $\gamma$  = Interpolation polynomial coefficient.

$Z_j$  = Observed depth.

$Z_i$  = Standard oceanographic depth, such that:  $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction  $\frac{\sigma_i}{\sigma}$ , if  $\geq 2$ , is reported in this Data Record following the interpolated variable. It represents the combined measurement and interpolation error estimate. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the interpolation error estimate is given only when  $\frac{\sigma_i}{\sigma} \geq 2$  (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.

## EXPLANATION OF DATA RECORD HEADINGS

### MASTER HEADINGS

(1) C-REF-NO	(6) YR	(11) DEPTH	(16) WAVES 1	(21) AIR T	(26) VIS
(2) CONS. NO	(7) MONTH	(12) MXSAMPD	(17) WAVES 2	(22) WET B	(27) STN
(3) LAT	(8) DAY	(13) NO. DPTH	(18) WND-DIR	(23) WW-CODE	
(4) LON	(9) HR	(14) W-COLOR	(19) WND-FCE	(24) CLD-TPE	
(5) MARSD SQ	(10) C/I	(15) W-TRNSP	(20) BARO	(25) CLD-AMT	(28) HW

- (1) CRUISE REFERENCE NUMBER: Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.
- (2) CONSECUTIVE NUMBER: Indicates the chronological order in which the stations were occupied.
- (3) LATITUDE: Indicate the position of the platform at the time of observation.
- (4) LONGITUDE:
- (5) MARSDEN SQUARE: Designates the geographic area code of the observation (see Marsden square chart).
- (6) YEAR:
- (7) MONTH:
- (8) DAY:
- (9) HOUR: The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).  
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.
- (10) COUNTRY/  
INSTITUTE: The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.
- (11) DEPTH: The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".
- (12) MAXIMUM  
SAMPLING DEPTH: A code to indicate the deepest sampling depth (used for high speed sorting).  
00 m - 50 m = 00  
51 m - 150 m = 01  
151 m - 250 m = 02  
etc.



- (13) NUMBER OF DEPTHS: The number of levels observed (this is entered to initiate a computer safety check, guarding against the loss of punch-cards).
- (14) WATER COLOUR: A code based on the percentage of yellow (see table 2 and Note under FIELD "15" below).
- (15) WATER TRANSPARENCY: The depth in metres at which a Secchi disc (white disc, 30 cm. in diameter) just disappears from view, or the optical density expressed in percentage;
- NOTE: The "GENERAL INFORMATION" chapter in section III of the data record will state which method was used.
- (16) WAVES 1  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (17) WAVES 2  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the predominant non-wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (18) WIND DIRECTION: The true direction to the nearest 10 degrees from which the wind is blowing (wind direction 990 means: -wind variable or direction unknown).
- (19) WIND FORCE (WIND-FCF): Beaufort notation (See Table 6).
- WIND SPEED (WIND-SPD): Anemometer reading reported in metres per second. Instrument height reported in "GENERAL INFORMATION" chapter of section III.
- (20) BAROMETER: The barometric pressure reported in millibars: the "GENERAL INFORMATION" chapter in Section III of the data record will state the type of instrument used.
- (21) AIR TEMPERATURE: In degrees Celsius.
- (22) WET BULB: In degrees Celsius.
- (23) ww CODE: Present Weather Code (See Table 7). Ref: WMO Code 4677
- (24) CLOUD TYPE: The type of predominating clouds (See Table 8). Ref: WMO Code 0500.
- (25) CLOUD AMOUNT: The sky coverage in eighths (See Table 9) Ref: WMO Code 2700
- (26) VISIBILITY: Visibility at the surface (See Table 10). Ref: WMO Code 4300.
- (27) STATION: A station reference number, assigned by the institute prior to, or during the survey.
- (28) HOURS AFTER HIGH WATER: Indicates the state of the tide for nearshore observations.

## OBSERVED DATA HEADINGS

(1) GMT            (2) DEPTH            (3) TEMP            (4) SAL            (5) OXYGEN            (6) SIGMA-T  
(7) SOUND            (8) PO<sub>4</sub>            (9) -P-            (10) NO<sub>2</sub>            (11) NO<sub>3</sub>            (12) SiO<sub>3</sub>            (13) pH.

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

(1) G.M.T.:            The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.

When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.

(2) DEPTH:            The depth in metres at the reversal time of deepest cast.

(3) TEMPERATURE:    Temperatures from deepsea reversing thermometers, read to 0.01° C. Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III. An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.

(4) SALINITY:            Salinity as defined by:  $S = 0.03 + 1.805 C1\%$ , reported in:  
a. 1/100 parts per 1000, or  
b. 1/1000 parts per 1000.

In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).

In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.

(5) OXYGEN:            The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places. An alphabetical character following the value is the measurement error estimate as referred to under (3).

(6) SIGMA-T:            The specific gravity anomaly as defined by:  $(\text{Specific gravity} - 1) \times 10^3$  (e.g.,  $\sigma_t$  reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).

(7) SOUND:            The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.

(8) PO <sub>4</sub>	Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
(9) -P-	Total Phosphorus reported to hundredths of microgram-atoms per litre.
(10) NO <sub>2</sub>	Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre -- No dissolved nitrogen included --
(11) NO <sub>3</sub>	Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
(12) SiO <sub>2</sub>	Silicate-Silicon reported in whole microgram-atoms per litre.
(13) pH	The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

#### INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY:
- A. The reported salinity values are measured to three decimal places.
- (i) the interpolation error estimate is less than twice the standard deviation of measurement  
 --the interpolated value is reported to three decimal places (e.g., 30.139).
- (ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.  
 --the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).
- B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.  
 --the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).

- (5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.
- (6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).
- (7) DELTA-D: The geo-potential anomaly as defined by:
- $$\Delta D = \int_0^P \delta dp$$
- $\Delta D$  is expressed in dynamic metres ( $10^8$  ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).
- (8) POTENTIAL ENERGY ANOMALY: The Potential energy anomaly  $\chi$  as defined by:
- $$\chi = \frac{1}{g} \int_0^P \rho \delta dp = \int_0^Z \rho \delta dz$$
- $\chi$  is expressed in units of  $10^8$  ergs/cm<sup>2</sup> and recorded to two decimal places (e.g., 116.44).
- (9) SPECIFIC VOLUME ANOMALY: The specific volume anomaly as defined by:
- $$\delta = \alpha - \alpha_{35.0.P}$$
- $\delta$  is expressed in ml/gr, and conventionally reported as  $10^4 \delta$ , to one decimal place (i.e.,  $\delta$  reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).

## SPECIAL CHARACTERS

- ‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs
- \* (Asterisk): this character may occur in the interpolated portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within any one observed depth interval. The third, and all consequent levels are preceded by the asterisk to indicate that more than two machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two interpolations between the last two observed depths.
- Q: appears occasionally in this data record, preceding an observed oxygen value. This "questionable" indicator infers that the value does not fit the usual pattern of oxygen distribution. "The questionable" value could be due to a sampling error and, generally, is not a result of an error in determination.
-

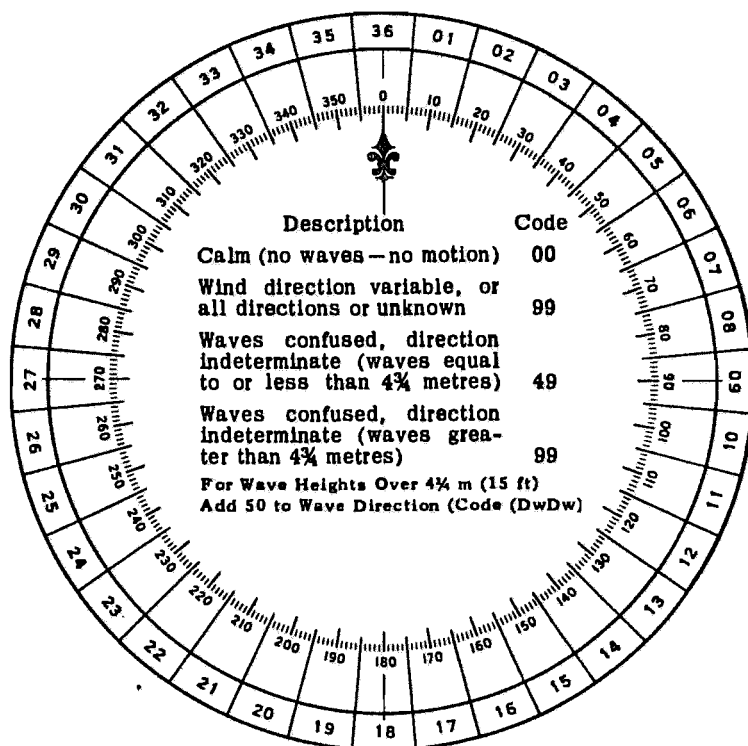
**Table 1**  
**CONVERSION**  
**MINUTES TO  $\frac{1}{10}$  HRS.**

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

**Table 2**  
**WATER COLOR CODE**  
**Based on Percentage Yellow**

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

**Table 3. DIRECTION CODE (dd)**



**NOTE:**

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.

**Table 4. PERIOD OF THE WAVES (Pw)**  
(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

**Table 5. HEIGHT OF THE WAVES (Hw)**

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 =  $\frac{1}{4}$  m (1 ft) to  $\frac{3}{4}$  m ( $2\frac{1}{2}$  ft); 5 =  $2\frac{1}{4}$  m (7 ft) to  $2\frac{3}{4}$  m (9 ft); 9 =  $4\frac{1}{4}$  m ( $13\frac{1}{2}$  ft) to  $4\frac{3}{4}$  m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of  $2\frac{3}{4}$  m is reported by code figure 5.

Code		Code	
0	Less than $\frac{1}{4}$ m (1 ft)	0	5 m (16 ft)
1	$\frac{1}{2}$ m ( $1\frac{1}{2}$ ft)	1	$5\frac{1}{2}$ m (17 $\frac{1}{2}$ ft)
2	1 m ( 3 ft)	2	6 m (19 ft)
3	$1\frac{1}{2}$ m ( 5 ft)	3	$6\frac{1}{2}$ m (21 ft)
4	2 m ( $6\frac{1}{2}$ ft)	4	7 m (22 $\frac{1}{2}$ ft)
5	$2\frac{1}{2}$ m ( 8 ft)	5	$7\frac{1}{2}$ m (24 ft)
6	3 m ( $9\frac{1}{2}$ ft)	6	8 m (25 $\frac{1}{2}$ ft)
7	$3\frac{1}{2}$ m (11 ft)	7	$8\frac{1}{2}$ m (27 ft)
8	4 m (13 ft)	8	9 m (29 ft)
9	$4\frac{1}{2}$ m (14 ft)	9	$9\frac{1}{2}$ m (30 $\frac{1}{2}$ ft) or more
x	Height not determined		

Add  
50  
to  
Dw Dw

**Table 6. WIND FORCE CODE**

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane



**Table 7. PRESENT WEATHER**

W.W. CODE

**NO PRECIPITATION ON STATION AT TIME OF OBSERVATION**

Code figure ww				
No meteors except photometers	00	Cloud development not observed or not observable	} characteristic change of the state of sky during the past hour	}
		01 Clouds generally dissolving or becoming less developed		
		02 State of sky on the whole unchanged		
Haze, dust, sand or smoke	03	Clouds generally forming or developing		
	04	Visibility reduced by smoke, e.g. veidt or forest fires, industrial smoke or volcanic ashes		
	05	Haze		
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation		
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen		
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm		
	09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour		
	10	Mist		
	11	Patches of } shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea		
	12		More of less } continuous	
	13	Lightning visible, no thunder heard		
	14	Precipitation within sight, not reaching the ground or the surface of the sea		
	15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station		
	16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station		
	17	Thunderstorm, but no precipitation at the time of observation		
	18	Squalls } at or within sight of the station during the preceding hour		
	19	Funnel clouds } or at the time of observation		
<hr/>				
ww = 20 - 29		Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation		
	20	Drizzle (not freezing) or snow grains	} not falling as shower(s)	
	21	Rain (not freezing)		
	22	Snow		
	23	Rain and snow or ice pellets, type (a)		
	24	Freezing drizzle or freezing rain		
	25	Shower(s) of rain		
	26	Shower(s) of snow, or of rain and snow		
	27	Shower(s) of hail, or of rain and hail		
	28	Fog or ice fog		
	29	Thunderstorm (with or without precipitation)		
ww = 30 - 39		Duststorm, sandstorm, drifting or blowing snow		
	30	Slight or moderate duststorm or sandstorm	} - has decreased during the preceding hour	
	31			
	32	Severe duststorm or sandstorm	} - no appreciable change during the preceding hour	
	33			
	34	Slight or moderate blowing snow	} - has begun or has increased during the preceding hour	
	35			
	36	Heavy drifting snow	} - has decreased during the preceding hour	
	37			
	38	Slight or moderate blowing snow	} - no appreciable change during the preceding hour	
	39			
	39	Heavy blowing snow	} - has begun or has increased during the preceding hour	
<hr/>				
ww = 40 - 49		Fog or ice fog at the time of observation		
	40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer		
	41	Fog or ice fog in patches		
	42	Fog or ice fog, sky visible	} has become thinner during the preceding hour	
	43	Fog or ice fog, sky invisible		
	44	Fog or ice fog, sky visible	} no appreciable change during the preceding hour	
	45	Fog or ice fog, sky invisible		
	46	Fog or ice fog, sky visible	} has begun or has become thicker during the preceding hour	
	47	Fog or ice fog, sky invisible		
	48	Fog, depositing rime, sky visible		
	49	Fog, depositing rime, sky invisible		

**NO PRECIPITATION ON STATION AT TIME OF OBSERVATION**

**PRECIPITATION ON STATION AT TIME OF OBSERVATION**

**ww = 50 - 59 Drizzle**

- |    |  |  |
|----|--|--|
| 50 | Drizzle, not freezing, intermittent          | } slight at time of observation        |
| 51 | Drizzle, not freezing, continuous            |  |
| 52 | Drizzle, not freezing, intermittent          | } moderate at time of observation      |
| 53 | Drizzle, not freezing, continuous            |  |
| 54 | Drizzle, not freezing, intermittent          | } heavy (dense) at time of observation |
| 55 | Drizzle, not freezing, continuous            |  |
| 56 | Drizzle, freezing, slight                    |  |
| 57 | Drizzle, freezing, moderate or heavy (dense) |  |
| 58 | Drizzle and rain, slight                     |  |
| 59 | Drizzle and rain, moderate or heavy          |  |

**ww = 60 - 69 Rain**

- |    |   |                                   |
|----|---|-----------------------------------|
| 60 | Rain, not freezing, intermittent            | } slight at time of observation   |
| 61 | Rain, not freezing, continuous              |                                   |
| 62 | Rain, not freezing, intermittent            | } moderate at time of observation |
| 63 | Rain, not freezing, continuous              |                                   |
| 64 | Rain, not freezing, intermittent            | } heavy at time of observation    |
| 65 | Rain, not freezing, continuous              |                                   |
| 66 | Rain, freezing, slight                      |                                   |
| 67 | Rain, freezing, moderate or heavy           |                                   |
| 68 | Rain or drizzle and snow, slight            |                                   |
| 69 | Rain or drizzle and snow, moderate or heavy |                                   |

**70 - 79 Solid precipitation not in showers**

- ww
- |    |   |                                   |
|----|---|-----------------------------------|
| 70 | Intermittent fall of snow flakes                      | } slight at time of observation   |
| 71 | Continuous fall of snow flakes                        |                                   |
| 72 | Intermittent fall of snow flakes                      | } moderate at time of observation |
| 73 | Continuous fall of snow flakes                        |                                   |
| 74 | Intermittent fall of snow flakes                      | } heavy at time of observation    |
| 75 | Continuous fall of snow flakes                        |                                   |
| 76 | Ice prisms (with or without fog)                      |                                   |
| 77 | Snow grains (with or without fog)                     |                                   |
| 78 | Isolated starlike snow crystals (with or without fog) |                                   |
| 79 | Ice pellets, type (a)                                 |                                   |

**ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm**

- |    |  |   |
|----|--|---|
| 80 | Rain shower(s), slight   |   |
| 81 | Rain shower(s), moderate or heavy  |   |
| 82 | Rain shower(s), violent  |   |
| 83 | Shower(s) of rain and snow mixed, slight   |   |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy  |   |
| 85 | Snow shower(s), slight   |   |
| 86 | Snow shower(s), moderate or heavy  |   |
| 87 | Shower(s) of snow pellets or ice pellets, type (b), with or without rain                         | } - slight  |
| 88 | or rain and snow mixed   |   |
| 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder      | } - moderate or heavy   |
| 90 |  |   |
| 91 | Slight rain at time of observation   | } thunderstorm during the preceding hour but not at time of observation |
| 92 | Moderate or heavy rain at time of observation  |   |
| 93 | Slight snow, or rain and snow mixed or hail at time of observation                               | } thunderstorm at time of observation                                   |
| 94 | Moderate or heavy snow, or rain and snow mixed or hail at time of observation                    |   |
| 95 | Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation | } thunderstorm at time of observation                                   |
| 96 | Thunderstorm, slight or moderate, with hail at time of observation                               |   |
| 97 | Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation              | } thunderstorm at time of observation                                   |
| 98 | Thunderstorm, combined with duststorm or sandstorm at time of observation                        |   |
| 99 | Thunderstorm, heavy, with hail at time of observation  |   |

**PRECIPITATION ON STATION AT TIME OF OBSERVATION**

**Table 8. CLOUD TYPE CODE**

Code	Cloud Type	Code	Cloud Type
0	Cirrus ..... Ci	5	Nimbostratus ..... Ns
1	Cirrocumulus ..... Cc	6	Stratocumulus ..... Sc
2	Cirrostratus ..... Cs	7	Stratus ..... St
3	Alto cumulus ..... Ac	8	Cumulus ..... Cu
4	Altostratus ..... As	9	Cumulonimbus ..... Cb
X	Cloud not visible owing to darkness, fog, dust storm, sand storm, or other analogous phenomena		

**Table 9. CLOUD AMOUNT CODE**

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta =  $\frac{1}{8}$  of the sky covered

**Table 10. VISIBILITY**

Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{1}{4}$ n.m.)
4	1-2 km (approx. $\frac{1}{2}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

**TABLE 11. INSTITUTE CODE**

<b>Code</b>	<b>Institute</b>
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.



OCEANOGRAPHIC DATA CRUISE 002/67

4 - 8 DECEMBER 1967

C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 1223	AIR T	VIS 6
CONS. NO 001	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 1
LAT 49-203N	DAY 04	NO.DPTH 9	WND-DIR 120	WW-CODE 01	
LON 124-121W	HR 19.9	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199 0000		0910 B	29108		2252	14795
199 0005		0885	29068		2253	14786
199 0010		0895 B	29102		2254	14791
199 0020		0920	29405		2274	14806
199 0040		0921	29551		2285	14811
199 0060		0939	29737		2297	14824
199 0080		0932	29903		2311	14826
199 0100		0933	30025		2320	14832
199 0200		0924	30807		2383	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	29108		2252	14795	0000	00000	5329
0010	0895 B	29102		2254	14791	0053	00003	5313
0020	0920	29405		2274	14806	0106	00011	5125
0030	0924 B	2947 I		2279	14810	0157	00024	5076
0050	0930	29643		2291	14818	0258	00065	4966
0075	0935	29864		2308	14826	0380	00143	4812
0100	0933	30025		2320	14832	0500	00250	4692
0125	0932	3021 B		2335	14838	0616	00383	4553
0151	0930	3041 B		2351	14844	0728	00541	4409
*0176	0928	30608		2367	14849	0837	00722	4264
0201	0924	30807		2383	14855	0942	00924	4114

C-REF-NO 002	YR 1967	DEPTH 289	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 002	MONTH 12	MXSAMPD 02	WAVES 2 13X2	WET B	STN 2
LAT 49-241N	DAY 04	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LDN 124-093W	HR 20.7	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0890 B	28641	591	2219	14781
206	0005	0883	28598	578	2217	14779
206	0010	0887	28604	572	2217	14781
206	0020	0889	28641	565	2219	14784
206	0040	0937	29314	470	2264	14814
206	0060	0952	29657	419	2289	14828
206	0080	0951	29948	400	2312	14834
206	0100	0944	30156	374	2329	14837
206	0200	0916	30889	303	2390	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	28641	591	2219	14781	0000	00000	5648
0010	0887	28604	572	2217	14781	0057	00003	5672
0020	0889	28641	565	2219	14784	0114	00012	5648
0030	0911 B	2897 I	521 B	2242	14799	0169	00026	5432
0050	0948	2950 D	440	2278	14822	0275	00069	5091
0075	0952	29882	404	2306	14833	0399	00148	4325
0100	0944	30156	374	2329	14837	0518	00253	4612
0125	0940	3041 B	348	2350	14843	0631	00384	4419
0151	0934	3062 B	328	2367	14848	0740	00537	4260
*0176	0926	30779	313	2380	14851	0845	00712	4134
0201	0916	30889	303	2390	14853	0948	00909	4041



C-REF-NO 002	YR 1967	DEPTH 327	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 003	MONTH 12	MXSAMPD 03	WAVES 2 13XX	WET B	STN 3
LAT 49-266N	DAY 04	NO.DPTH 10	WND-DIR 130	WW-CODE 02	
LON 124-202W	HR 22.0	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 990.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
220	0000	0870 B	28096	612	2179	14767
220	0005	0872	28069	591	2177	14768
220	0010	0875	27773	581	2154	14766
220	0020	0901	28615	537	2215	14789
220	0040	0928	29087	488	2248	14808
220	0060	0949	29624	427	2287	14826
220	0080	0949	30059	389	2321	14835
220	0100	0949	30218	381	2333	14840
220	0200	0911	30950	303	2396	14852
220	0300	0902	31110	295	2410	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0870 B	28096	612	2179	14767	0000	00000	6028
0010	0875	27773	581	2154	14766	0062	00003	6276
0020	0901	28615	537	2215	14789	0122	00012	5685
0030	0917	2885 I	510	2231	14799	0178	00027	5534
0050	0940	2935 B	457	2267	14818	0285	00070	5193
0075	0950	2996 B	396	2313	14833	0410	00149	4757
0100	0949	30218	381	2333	14840	0527	00254	4574
0125	0941 B	3040 I	356	2348	14843	0641	00384	4429
0151	0932 B	3058 I	334	2364	14846	0750	00537	4284
*0176	0922 B	3076 I	317	2380	14849	0856	00713	4137
*0201	0911	30950	303	2396	14852	0958	00909	3989
0226	0906	31042	295	2404	14855	1057	01125	3918
0251	0903	31099	291	2409	14859	1155	01363	3874
0301	0902	31110	295	2410	14867	1350	01911	3872

C-REF-NO 002	YR 1967	DEPTH 344	WAVES 1 12X3	AIR T	VIS 8
CONS. NO 004	MONTH 12	MXSAMPD 03	WAVES 2 12X3	WET B	STN 4
LAT 49-245N	DAY 04	NO.DPTH 10	WND-DIR 120	WW-CODE 60	
LON 124-221W	HR 23.2	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 990.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	0890 B	29126		2257	14788
232	0005	0892	29120		2256	14789
232	0010	0892	29121		2256	14790
232	0020	0902	29178		2259	14796
232	0040	0927	29415		2274	14812
232	0060	0941	29737		2297	14825
232	0080	0944	30072		2322	14833
232	0100	0944	30255		2337	14839
232	0200	0911	30913		2393	14851
232	0300	0897 B	31137		2413	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0890 B	29126		2257	14788	0000	00000	5287
0010	0892	29121		2256	14790	0053	00003	5293
0020	0902	29178		2259	14796	0106	00011	5267
0030	0915	29281		2265	14804	0159	00024	5210
0050	0935	29570		2285	14819	0261	00066	5028
0075	0944	2999 B		2316	14831	0384	00144	4729
0100	0944	30255		2337	14839	0500	00248	4538
0125	0938 B	3041 I		2350	14843	0612	00377	4411
0151	0930 B	3058 I		2364	14846	0722	00530	4281
*0176	0921 B	3074 I		2379	14849	0828	00706	4149
*0201	0911	30913		2393	14851	0930	00903	4016
0226	0906	31010		2401	14855	1030	01120	3941
0251	0902	31079		2407	14858	1129	01360	3886
0301	0897 B	31137		2413	14865	1323	01907	3845

C-REF-NO 002	YR 1967	DEPTH 315	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 005	MONTH 12	MXSAMPD 03	WAVES 2 12X4	WET B	STN 5
LAT 49-274N	DAY 05	NO.DPTH 10	WND-DIR 120	WW-CODE 60	
LON 124-308W	HR 00.3	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	0900 B	28769		2228	14787
003	0005	0896	28764		2228	14786
003	0010	0899	28802		2230	14789
003	0020	0901	29053		2250	14794
003	0040	0902	29051		2249	14798
003	0059	0913	29426		2277	14810
003	0079	0916	29696		2297	14818
003	0099	0928	29879		2310	14828
003	0197	0918	30818		2384	14852
003	0271	0900	31125		2411	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	28769		2228	14787	0000	00000	5567
0010	0899	28802		2230	14789	0056	00003	5542
0020	0901	29053		2250	14794	0110	00011	5359
0030	0901	2905 I		2249	14796	0164	00025	5362
0050	0908	2924 I		2264	14804	0270	00068	5227
0075	0915	29651		2294	14816	0398	00149	4941
0100	0928	29890		2311	14828	0520	00258	4786
0125	0932 B	3012 I		2329	14837	0638	00394	4619
*0151	0931 B	3036 I		2347	14843	0752	00554	4443
*0170	0926 B	3060 I		2367	14849	0861	00735	4261
0201	0918	30837		2386	14853	0966	00936	4083
0226	0913	30972		2397	14857	1067	01156	3977
*0251	0906	31071		2406	14860	1166	01397	3901

C-REF-NO 002	YR 1967	DEPTH 192	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 006	MONTH 12	MXSAMPD 02	WAVES 2 12XX	WET B	STN 6
LAT 49-306N	DAY 05	NO.DPTH 9	WND-DIR 130	WW-CODE 60	
LON 124-278W	HR 01.3	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 987.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
013	0000	0890 B	28339		2195	14778
013	0005	0878	28315		2195	14774
013	0010	0882	28325		2196	14776
013	0020	0900	28693		2222	14789
013	0040	0900	29021		2247	14797
013	0060	0897	29203		2262	14801
013	0080	0913	29669		2296	14816
013	0100	0937	30113		2327	14834
013	0170	0920	30777		2381	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0890 B	28339		2195	14778	0000	00000	5874
0010	0882	28325		2196	14776	0059	00003	5874
0020	0900	28693		2222	14789	0117	00012	5625
0030	0903	2885 I		2234	14794	0172	00026	5509
0050	0897	2911 I		2255	14798	0281	00070	5314
0075	0908	2954 C		2286	14812	0410	00153	5013
0100	0937	30113		2327	14834	0532	00260	4633
0125	0946 B	3049 C		2355	14847	0645	00390	4367
0151	0939	3071 C		2374	14851	0752	00541	4194

C-REF-NO 002	YR 1967	DEPTH 357	WAVES 1 1223	AIR T	VIS 7
CONS. NO 007	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 7
LAT 49-344N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 02	
LON 124-242W	HR 02.3	W-COLOR	WND-SPD 09	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0880 B	28026		2173	14770
023	0005	0861	27997		2173	14763
023	0010	0860	28006		2174	14764
023	0020	0864	28059		2177	14767
023	0040	0899	28700		2222	14792
023	0060	0928	29510		2281	14817
023	0080	0936	29862		2307	14827
023	0100	0944	30259		2337	14839
023	0200	0925	30692		2374	14854
023	0300	0910	30847		2388	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	28026		2173	14770	0000	00000	6094
0010	0860	28006		2174	14764	0061	00003	6082
0020	0864	28059		2177	14767	0122	00012	6048
0030	0880	2837 I		2200	14779	0181	00028	5832
0050	0915	2910 I		2251	14805	0293	00073	5345
0075	0935	2977 I		2301	14825	0422	00154	4879
0100	0944	30259		2337	14839	0540	00259	4536
0125	0943 B	3036 I		2346	14844	0653	00389	4458
0151	0940 B	3047 I		2354	14848	0764	00545	4376
*0176	0934 B	3058 I		2364	14851	0873	00726	4291
*0201	0925	30692		2374	14854	0979	00931	4202
0226	0921	3076 B		2380	14857	1084	01159	4144
0251	0918	3081 C		2384	14861	1188	01410	4103
0301	0910	30847		2388	14866	1394	01990	4079

C-REF-NO 002	YR 1967	DEPTH 355	WAVES 1 1123	AIR T.	VIS 7
CONS. NO 008	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 8
LAT 49-393N	DAY 05	NO.DPTH 10	WND-DIR 090	WW-CODE 02	
LON 124-330W	HR 03.4	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0860 B	28001		2173	14762
034	0005	0854	27937		2169	14760
034	0010	0860	28218		2190	14766
034	0020	0870	28551		2215	14776
034	0040	0897	28827		2232	14793
034	0060	0919	29346		2270	14811
034	0080	0945	30011		2317	14833
034	0100	0950	30171		2329	14840
034	0200	0917	30748		2379	14851
034	0300	0908	30851		2389	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	28001		2173	14762	0000	00000	6086
0010	0860	28218		2190	14766	0060	00003	5923
0020	0870	28551		2215	14776	0118	00012	5689
0030	0883	2868 I		2224	14784	0175	00026	5606
0050	0908	2906 B		2249	14802	0285	00071	5366
0075	0939	2984 I		2305	14828	0413	00152	4833
0100	0950	30171		2329	14840	0532	00258	4611
0125	0948 C	3031 I		2341	14845	0646	00389	4504
0151	0942 D	3045 I		2353	14849	0758	00546	4392
*0176	0932 C	3060 I		2366	14851	0867	00727	4272
*0201	0917	30748		2379	14851	0972	00930	4147
0226	0913	30818		2385	14855	1076	01155	4094
0251	0910	30858		2389	14858	1178	01404	4063
0301	0908	30851		2389	14866	1383	01980	4072

C-REF-NO 002	YR 1967	DEPTH 170	WAVES 1 1334	AIR T	VIS 7
CONS. NO 009	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 9
LAT 49-355N	DAY 05	NO.DPTH 8	WND-DIR 140	WW-CODE 62	
LON 124-383W	HR 04.6	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 983.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0000	0870 B	28380	613	2202	14771
046	0005	0845	28342		2202	14761
046	0010	0846	28342	606	2202	14762
046	0020	0872	28737	554	2229	14779
046	0040	0902 B	29071	471	2251	14798
046	0060	0930	29734	376	2298	14820
046	0080	0935	30142	345	2329	14831
046	0100	0939	30205	346	2333	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	28380	613	2202	14771	0000	00000	5816
0010	0846	28342	606	2202	14762	0058	00003	5812
0020	0872	28737	554	2229	14779	0115	00012	5553
0030	0889	2890 I	511	2240	14789	0170	00026	5454
0050	0918	2940 I	420	2274	14810	0277	00069	5126
0075	0935	30068	348	2323	14829	0399	00147	4660
0100	0939	30205	346	2333	14836	0515	00250	4569

C-REF-NO 002	YR 1967	DEPTH 95	WAVES 1 1233	AIR T	VIS 7
CONS. NO 010	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 10
LAT 49-407N	DAY 05	NO.DPTH 7	WND-DIR 120	WW-CODE 62	
LON 124-473W	HR 05.7	W-COLOR	WND-SPD 12	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 982.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0870 B	28697		2226	14775
057	0005	0864	28647		2223	14772
057	0010	0864	28650		2223	14773
057	0019	0869	28795		2234	14779
057	0038	0879	28918		2242	14787
057	0057	0879	29098		2256	14792
057	0076	0877	29166		2262	14796

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0870 B	28697		2226	14775	0000	00000	5579
0010	0864	28650		2223	14773	0056	00003	5606
0020	0870	28804		2235	14779	0112	00011	5500
0030	0875	2887 D		2240	14784	0167	00025	5455
0050	0880	2903 B		2251	14791	0275	00070	5346
0075	0877	29164		2262	14795	0408	00154	5248



C-REF-NO 002	YR 1967	DEPTH 289	WAVES 1 1234	AIR T	VIS 7
CONS. NO 011	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 11
LAT 49-424N	DAY 05	NO.DPTH 9	WND-DIR 110	WW-CODE 01	
LON 124-434W	HR 06.6	W-COLOR	WND-SPD 15	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0850 B	28217		2192	14761
066	0005	0844	28197		2191	14759
066	0010	0844	28202		2191	14760
066	0020	0846	28239		2194	14763
066	0040	0879	28544		2213	14783
066	0060	0897	29157		2258	14800
066	0080	0929	30025		2321	14827
066	0100	0938	30220		2335	14836
066	0200	0913	30774		2382	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0850 B	28217		2192	14761	0000	00000	5911
0010	0844	28202		2191	14760	0059	00003	5914
0020	0846	28239		2194	14763	0118	00012	5889
0030	0861	28353		2201	14772	0177	00027	5826
0050	0888	28815		2233	14791	0291	00073	5521
0075	0921	2980 I		2305	14820	0421	00155	4833
0100	0938	30220		2335	14836	0539	00260	4555
0125	0948	3063 B		2365	14849	0650	00387	4269
0151	0947	3086 C		2383	14856	0755	00535	4102
*0176	0935	3090 B		2389	14856	0857	00705	4053
0201	0913	30774		2382	14850	0960	00902	4121

C-REF-NO 002	YR 1967	DEPTH 357	WAVES 1 1234	AIR T	VIS 7
CONS. NO 012	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 12
LAT 49-436N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 01	
LON 124-408W	HR 07.5	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
075	0000	0820 B	28212	590	2195	14749
075	0005	0862	28153	585	2185	14765
075	0010	0862	28162	580	2186	14766
075	0020	0864	28203	580	2189	14769
075	0040	0882	28519	562	2211	14783
075	0060	0916	29240	435	2262	14809
075	0080	0945	30080	351	2323	14834
075	0100	0942	30174	345	2331	14837
075	0200	0914	30770	305	2381	14850
075	0300	0906	30843	300	2388	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	28212	590	2195	14749	0000	00000	5875
0010	0862	28162	580	2186	14766	0059	00003	5968
0020	0864	28203	580	2189	14769	0119	00012	5941
0030	0871	2831 B	579	2196	14775	0178	00027	5867
0050	0898	2884 D	503 B	2234	14795	0292	00074	5512
0075	0939	2987 I	366	2307	14828	0422	00155	4814
0100	0942	30174	345	2331	14837	0540	00261	4596
0125	0940 C	3032 I	321 C	2342	14842	0654	00392	4487
0151	0935 C	3047 I	306 C	2355	14846	0765	00548	4373
*0176	0926 C	3062 I	301 C	2368	14849	0874	00728	4252
*0201	0914	30770	305	2381	14850	0979	00930	4126
0226	0910	30834	301	2387	14854	1082	01154	4078
0251	0908	30868	298	2390	14857	1184	01402	4052
0301	0906	30843	300	2388	14865	1389	01978	4076

C-REF-NO 002	YR 1967	DEPTH 219	WAVES 1 11X5	AIR T	VIS 7
CONS. NO 013	MONTH 12	MXSAMPD 02	WAVES 2 11X3	WET B	STN 13
LAT 49-553N	DAY 05	NO.DPTH 9	WND-DIR 110	WW-CODE 17	
LON 124-552W	HR 09.1	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0850 B	27754		2156	14755
091	0005	0825	27712		2156	14745
091	0010	0825	27713		2156	14746
091	0020	0825 B	27725		2157	14748
091	0040	0863 B	28461		2209	14775
091	0060	0864	28812		2236	14783
091	0080	0881	29159		2261	14798
091	0100	0917 B	30100		2329	14827
091	0200	0908	30732		2379	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0850 B	27754		2156	14755	0000	00000	6257
0010	0825	27713		2156	14746	0063	00003	6254
0020	0825 B	27725		2157	14748	0125	00013	6247
0030	0843 C	2809 I		2183	14761	0187	00028	5996
0050	0865 B	2863 I		2222	14780	0303	00076	5622
0075	0875	2907 I		2255	14794	0440	00163	5315
0100	0917 B	30100		2329	14827	0565	00273	4613
0125	0930 C	3025 I		2339	14838	0680	00405	4519
0151	0933 C	3041 I		2351	14845	0792	00562	4411
*0176	0926 B	3057 I		2364	14848	0901	00744	4285
0201	0908	30732		2379	14848	1007	00947	4146

C-REF-NO 002	YR 1967	DEPTH 311	WAVES 1 11X5	AIR T	VIS 6
CONS. NO 014	MONTH 12	MXSAMPD 03	WAVES 2 11X6	WET B	STN 14
LAT 49-530N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 63	
LON 124-596W	HR 10.3	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
103	0000	0750 B	28671	144	2241	14728
103	0005	0855	28649	144	2225	14769
103	0009	0855	28658	177	2225	14770
103	0018	0853	28657	183	2226	14770
103	0037	0869	28822	167	2236	14782
103	0055	0874	28970	138	2247	14789
103	0074	0880	29289	132	2271	14798
103	0092	0891	29673	135	2299	14810
103	0184	0910	30701	122	2377	14845
103	0276	0904	30828	097	2387	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	28671	144	2241	14728	0000	00000	5442
0010	0855	28657	180	2225	14770	0055	00003	5588
0020	0854	2866 B	183	2226	14771	0111	00011	5580
0030	0862	2874 C	176	2231	14777	0167	00026	5533
0050	0873	2892 B	146	2243	14787	0277	00071	5421
0075	0881	29310	132	2273	14799	0409	00155	5145
0100	0894	29801	134	2309	14814	0534	00266	4803
0125	0901	3015 B	131	2335	14825	0652	00401	4555
*0151	0906	3043 B	128	2356	14835	0764	00558	4358
*0176	0909	30643	124	2372	14843	0871	00737	4211
0201	0911	30790	119	2383	14849	0976	00937	4107
0226	0911	30872	113	2390	14855	1078	01160	4049
*0251	0908	30886	105	2391	14858	1180	01407	4040

C-REF-NO 002	YR 1967	DEPTH 143	WAVES 1 12X8	AIR T	VIS 6
CONS. NO 015	MONTH 12	MXSAMPD 01	WAVES 2 12X8	WET B	STN 15
LAT 49-516N	DAY 05	NO.DPTH 8	WND-DIR 120	WW-CODE 63	
LON 125-016W	HR 11.5	W-COLOR	WND-SPD 21	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 978.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0760 B	28787	151	2248	14733
115	0005	0855	28754	144	2233	14770
115	0010	0855	28753	151	2233	14771
115	0020	0853	28752		2233	14772
115	0040	0863	28771	158	2233	14779
115	0060	0872	28985	142	2248	14789
115	0080	0874	29177	166	2263	14795
115	0100	0890	29932	162	2320	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	28787	151	2248	14733	0000	00000	5367
0010	0855	28753	151	2233	14771	0055	00003	5517
0020	0853	28752	155	2233	14772	0110	00011	5516
0030	0857	2874 B	157	2232	14775	0165	00025	5526
0050	0868	2886 C	149	2240	14784	0275	00070	5454
0075	0873	2912 I	159	2259	14793	0410	00156	5269
0100	0890	29932	162	2320	14814	0535	00267	4699

C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1334	AIR T	VIS 7
CONS. NO 016	MONTH 12	MXSAMPD 01	WAVES 2 1235	WET B	STN 16
LAT 49-577N	DAY 05	NO.DPTH 9	WND-DIR 270	WW-CODE 63	
LON 125-088W	HR 14.6	W-COLOR	WND-SPD 12	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 985.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0000	0860 B	28902		2244	14773
146	0005	0862	28953		2247	14776
146	0010	0862	28945		2247	14776
146	0020	0862	28948		2247	14778
146	0040	0873	29059		2254	14787
146	0060	0876	29306		2273	14794
146	0080	0872	29418		2282	14798
146	0100	0872	29443		2284	14801
146	0125	0863				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	28902		2244	14773	0000	00000	5413
0010	0862	28945		2247	14776	0054	00003	5384
0020	0862	28948		2247	14778	0108	00011	5382
0030	0867	28986		2249	14782	0162	00025	5363
0050	0875	2918 D		2263	14791	0268	00068	5230
0075	0873	29400		2281	14797	0398	00150	5068
0100	0872	29443		2284	14801	0524	00264	5037
0125	0863	29443		2285	14802	0651	00409	5028

C-REF-NO 002	YR 1967	DEPTH 265	WAVES 1 3322	AIR T	VIS 7
CONS. NO 017	MONTH 12	MXSAMPD 02	WAVES 2 1234	WET B	STN 17
LAT 49-588N	DAY 05	NO.DPTH 10	WND-DIR 310	WW-CODE 01	
LON 125-043W	HR 15.8	W-COLOR	WND-SPD 08	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0840 B	28302		2200	14758
158	0005	0844	28322		2201	14761
158	0010	0844 B	28347		2203	14762
158	0020	0845	28362		2204	14764
158	0039	0856	28413		2206	14772
158	0059	0853	28451		2209	14774
158	0078	0852	28546		2217	14778
158	0098	0903	29889		2314	14818
158	0196	0889	30632		2374	14839
158	0244	0904	30698		2377	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	28302		2200	14758	0000	00000	5834
0010	0844 B	28347		2203	14762	0058	00003	5805
0020	0845	28362		2204	14764	0117	00012	5796
0030	0851	28388		2205	14768	0175	00027	5787
0050	0855	28431		2208	14774	0290	00074	5763
0075	0850	2853 I		2216	14777	0434	00166	5684
0100	0905	2990 I		2315	14819	0565	00281	4740
0125	0899 I	3009 I		2331	14824	0682	00416	4596
*0151	0896 I	3028 I		2346	14829	0796	00575	4453
*0176	0892 I	3047 I		2362	14834	0906	00758	4311
0201	0890	30650		2376	14840	1012	00963	4179
0226	0897	3071 C		2379	14847	1117	01190	4150

C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 3322	AIR T	VIS 7
CONS. NO 018	MONTH 12	MXSAMPD 01	WAVES 2 1233	WET B	STN 18
LAT 49-592N	DAY 05	NO.DPTH 8	WND-DIR 340	WW-CODE 01	
LON 124-589W	HR 16.6	W-COLOR	WND-SPD 07	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	0800 B	27782		2165	14736
166	0005	0823	27743		2158	14745
166	0010	0824 B	27746		2158	14746
166	0020	0828	27881		2168	14751
166	0040	0838	27987		2175	14760
166	0060	0840	28050		2180	14764
166	0080	0878	29188		2263	14797
166	0100	0910	30073		2328	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0800 B	27782		2165	14736	0000	00000	6171
0010	0824 B	27746		2158	14746	0062	00003	6228
0020	0828	27881		2168	14751	0124	00013	6133
0030	0833	2795 C		2173	14756	0185	00028	6090
0050	0837	2801 I		2178	14761	0307	00078	6046
0075	0867	2890 I		2243	14788	0451	00169	5429
0100	0910	30073		2328	14824	0577	00280	4623



G-REF-NO 002	YR 1967	DEPTH 283	WAVES 1 0522	AIR T	VIS 7
CONS. NO 019	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 19
LAT 50-012N	DAY 05	NO. DPTH 9	WND-DIR 050	WW-CODE 02	
LON 124-529W	HR 17.4	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
174	0000	0820 B	27713	625	2156	14743
174	0005	0811	27684	619	2155	14740
174	0010	0813	27700	615	2156	14741
174	0020	0811	27755	614	2161	14743
174	0040	0825	27886	621	2169	14753
174	0060	0831	28033	581	2180	14761
174	0080	0872	28956	394	2249	14792
174	0100	0903	29771	336	2305	14817
174	0200	0873	30573	255	2372	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0820 B	27713	625	2156	14743	0000	00000	6248
0010	0813	27700	615	2156	14741	0063	00003	6249
0020	0811	27755	614	2161	14743	0125	00013	6206
0030	0817	27818	620	2165	14748	0187	00029	6167
0050	0826	2795 I	613 B	2175	14756	0310	00079	6076
0075	0861	2875 I	442 C	2232	14784	0455	00171	5531
0100	0903	29771	336	2305	14817	0585	00286	4837
0125	0919 B	2997 I	257 C	2318	14830	0705	00424	4716
0151	0919 B	3017 I	217 D	2334	14837	0822	00587	4570
*0176	0904 B	3037 I	217 C	2352	14837	0935	00774	4403
0201	0873	30573	255	2372	14832	1043	00982	4213

C-REF-NO 002	YR 1967	DEPTH 311	WAVES 1 1122	AIR T	VIS 7
CONS. NO 020	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 20
LAT 49-472N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 61	
LON 124-323W	HR 19.4	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000		26695	665		
194	0005		26669	664		
194	0010		26841	655		
194	0020		27434	612		
194	0040		27779	612		
194	0060		29572	408		
194	0080		30023	389		
194	0100		30173	362		
194	0200		30924	265		
194	0250		31072	261		

C-REF-NO 002	YR 1967	DEPTH 338	WAVES 1 XX	AIR T	VIS 4
CONS. NO 021	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 21
LAT 49-438N	DAY 05	NO.DPTH 10	WND-DIR 300	WW-CODE 84	
LON 124-220W	HR 20.4	W-COLOR	WND-SPD 12	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	0790 B	26935		2100	14721
204	0005	0815	26949		2097	14732
204	0010	0820	26963		2098	14735
204	0020	0825	27087		2107	14740
204	0040	0853	27791		2158	14763
204	0060	0922	29373		2271	14813
204	0080	0953	29976		2313	14835
204	0100	0949	30179		2330	14840
204	0200	0890	30845		2391	14842
204	0300	0898	31152		2414	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	26935		2100	14721	0000	00000	6793
0010	0820	26963		2098	14735	0068	00003	6809
0020	0825	27087		2107	14740	0136	00014	6724
0030	0835	2734 D		2126	14749	0202	00031	6544
0050	0887 B	2858 I		2215	14788	0325	00080	5694
0075	0949	2982 I		2302	14831	0457	00163	4861
0100	0949	30179		2330	14840	0576	00269	4603
0125	0940 D	3034 I		2344	14842	0690	00400	4468
0151	0919 I	3051 I		2360	14841	0801	00555	4319
*0176	0910 D	3067 I		2375	14844	0907	00732	4186
*0201	0890	30845		2391	14842	1011	00930	4036
0226	0886	30956		2400	14846	1111	01148	3952
0251	0886	31045		2407	14852	1210	01388	3889
0301	0898	31152		2414	14866	1404	01934	3834

C-REF-NO 002	YR 1967	DEPTH 358	WAVES 1 3222	AIR T	VIS 8
CONS. NO 022	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 22
LAT 49-402N	DAY 05	NO.DPTH 10	WND-DIR 320	WW-CODE 01	
LON 124-163W	HR 21.4	W-COLOR	WND-SPD 06	CLD-TPE 3	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
214	0000	0800 B	26698		2080	14722
214	0005	0805	26703		2080	14725
214	0010	0822	26925		2095	14735
214	0019	0831	26920		2093	14740
214	0039	0842	27240		2117	14751
214	0058	0935	29209		2257	14815
214	0077	0950	29942		2311	14833
214	0096	0930	30063		2324	14830
214	0192	0898	30812		2387	14844
214	0288	0895	31104		2410	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	26698		2080	14722	0000	00000	6982
0010	0822	26925		2095	14735	0069	00003	6840
0020	0831	2690 D		2092	14740	0138	00014	6864
0030	0832 B	2709 I		2107	14744	0206	00031	6727
0050	0896 C	2838 I		2198	14788	0332	00082	5856
0075	0951	2990 C		2309	14833	0466	00166	4803
0100	0929	3011 D		2328	14831	0584	00271	4617
0125	0920	3028 I		2343	14834	0698	00402	4482
*0151	0912	3048 I		2359	14838	0809	00558	4328
*0176	0904	3067 I		2376	14841	0916	00735	4175
0201	0896	30853		2390	14845	1019	00933	4040
0226	0893	30960		2399	14849	1119	01151	3957
*0251	0892	31039		2406	14854	1218	01391	3902

C-REF-NO 002	YR 1967	DEPTH 432	WAVES 1 32X2	AIR T	VIS 8
CONS. NO 023	MONTH 12	MXSAMPD 04	WAVES 2 XX	WET B	STN 23
LAT 49-351N	DAY 05	NO.DPTH 11	WND-DIR 320	WW-CODE 01	
LON 124-097W	HR 22.5	W-COLOR	WND-SPD 07	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
225	0000	0850 B	27150		2108	14747
225	0005	0832	27139		2110	14741
225	0010	0833	27140		2110	14742
225	0020	0840	27277		2120	14748
225	0040	0864	27759		2154	14767
225	0060	0941	29259		2260	14818
225	0079	0951	29951		2312	14834
225	0099	0946	30127		2326	14838
225	0199	0906 B	30891		2392	14849
225	0298	0900	31143		2413	14866
225	0397	0904	31182		2415	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	27150		2108	14747	0000	00000	6708
0010	0833	27140		2110	14742	0067	00003	6694
0020	0840	27277		2120	14748	0134	00014	6602
0030	0848	2751 I		2137	14756	0199	00030	6432
0050	0903 C	2850 I		2207	14793	0321	00080	5771
0075	0952	2985 B		2304	14833	0454	00163	4843
0100	0946	30141		2327	14838	0573	00269	4626
0125	0938 B	3032 I		2343	14841	0688	00400	4480
*0151	0928 C	3051 I		2359	14844	0798	00556	4329
*0176	0918 B	3070 I		2376	14847	0905	00733	4175
0201	0906 B	30895		2392	14849	1008	00930	4021
0226	0902 B	3099 C		2400	14853	1108	01148	3949
*0251	0900	3106 D		2406	14857	1207	01388	3895
0301	0900	31146		2413	14866	1401	01935	3842
*0402	0904	31179		2415	14885	1788	03320	3839

C-REF-NO 002	YR 1967	DEPTH 430	WAVES 1 XX	AIR T	VIS 8
CONS. NO 024	MONTH 12	MXSAMPD 04	WAVES 2 XX	WET B	STN 24
LAT 49-303N	DAY 05	NO.DPTH 11	WND-DIR	WW-CODE 01	
LON 124-060W	HR 23.6	W-COLOR	WND-SPD	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
236	0000	0870 B	27731	598	2151	14762
236	0005	0861	27752	588	2154	14760
236	0010	0868	27872	575	2162	14765
236	0020	0868	27948	573	2168	14767
236	0040	0893	28372	528	2198	14786
236	0060	0945	29386	421	2269	14822
236	0080	0951	29799	405	2300	14832
236	0100	0936	30177	350	2332	14835
236	0200	0925	30850	306	2386	14856
236	0300	0898	31042	276	2405	14864
236	0400	0905	31196	289	2416	14885

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	27731	598	2151	14762	0000	00000	6301
0010	0868	27872	575	2162	14765	0063	00003	6193
0020	0868	27948	573	2168	14767	0124	00013	6137
0030	0877	2810 C	558	2179	14774	0185	00028	6036
0050	0920 B	2887 I	473 B	2233	14804	0301	00075	5520
0075	0953	2969 I	407 B	2292	14831	0433	00158	4964
0100	0936	30177	350	2332	14835	0553	00265	4584
0125	0933	3034 I	329 B	2345	14840	0666	00395	4459
0151	0930	3051 I	315 C	2359	14845	0777	00550	4334
*0176	0928	3068 I	307 B	2372	14850	0884	00728	4208
0201	0925	30850	306	2386	14856	0988	00928	4085
0226	0917	3089 I	296	2391	14857	1090	01150	4041
0251	0910	3094 I	287	2396	14859	1191	01396	3998
*0301	0898	31042	276	2405	14864	1390	01956	3916
0402	0905	31196	289	2416	14885	1780	03350	3827

C-REF-NO	002	YR	1967	DEPTH	320	WAVES 1	26X2	AIR T		VIS	8
CONS. NO	025	MONTH	12	MXSAMPD	03	WAVES 2	XX	WET B		STN	25
LAT	49-277N	DAY	06	NO.DPTH	10	WND-DIR	260	WW-CODE			
LON	124-075W	HR	00.6	W-COLOR		WND-SPD	06	CLD-TPE	6		
MARSD SQ	157	C/I	1815	W-TRNSP		BARO	1008.0	CLD-AMT	3	HW	

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0810 B	26750		2083	14726
006	0005	0811	26568		2068	14725
006	0010	0841	27194		2113	14746
006	0020	0863	27807		2158	14764
006	0040	0896	28467		2205	14788
006	0060	0950	29565		2282	14826
006	0080	0952	29933		2310	14834
006	0100	0941	30190		2332	14837
006	0200	0912	30934		2394	14852
006	0300	0902	31114		2410	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	26750		2083	14726	0000	00000	6956
0010	0841	27194		2113	14746	0068	00003	6664
0020	0863	27807		2158	14764	0133	00013	6236
0030	0879	2813 I		2181	14776	0194	00029	6012
0050	0925 B	2901 I		2243	14808	0309	00075	5424
0075	0955	2984 I		2303	14833	0438	00157	4858
0100	0941	30190		2332	14837	0556	00262	4583
0125	0933	3037 I		2348	14840	0670	00392	4436
0151	0926	3056 I		2363	14844	0779	00546	4291
*0176	0919	3074 I		2379	14848	0885	00722	4146
*0201	0912	30934		2394	14852	0988	00918	4003
0226	0908	31033		2403	14855	1087	01135	3926
0251	0904	31096		2408	14859	1185	01373	3878
0301	0902	31114		2410	14867	1380	01922	3868

C-REF-NO 002	YR 1967	DEPTH 256	WAVES 1 26X2	AIR T	VIS 8
CONS. NO 026	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 26
LAT 49-143N	DAY 06	NO.DPTH 10	WND-DIR 200	WW-CODE 02	
LON 123-508W	HR 02.5	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
025	0000	0900 B	29301		2269	14794
025	0005	0902	29294		2268	14795
025	0010	0903	29295		2268	14796
025	0020	0916	29375		2272	14804
025	0040	0939	29527		2281	14818
025	0060	0944	29816		2302	14827
025	0080	0942	29998		2317	14831
025	0100	0949	30256		2336	14841
025	0200	0923 B	30873		2388	14855
025	0225	0917	30950		2395	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	29301		2269	14794	0000	00000	5171
0010	0903	29295		2268	14796	0052	00003	5180
0020	0916	29375		2272	14804	0104	00011	5141
0030	0929	2944 B		2276	14811	0155	00024	5110
0050	0943	2967 C		2291	14823	0256	00065	4965
0075	0942	2995 B		2313	14830	0378	00143	4757
0100	0949	30256		2336	14841	0495	00247	4546
0125	0945 B	3046 B		2353	14846	0607	00376	4387
0151	0939 B	3063 C		2367	14850	0716	00528	4254
*0176	0932 B	3077 B		2379	14853	0821	00704	4148
*0201	0923 B	30873		2388	14855	0924	00901	4065
0226	0917	30950		2395	14858	1026	01122	4001



C-REF-NO 002	YR 1967	DEPTH 347	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 027	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 27
LAT 49-191N	DAY 06	NO.DPTH 11	WND-DIR 200	WW-CODE 01	
LON 123-480W	HR 03.5	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	0870 B	29176	577	2264	14781
035	0005	0882	29129	570	2258	14785
035	0010	0889	29133	572	2258	14789
035	0020	0894	29166	557	2259	14793
035	0040	0934	29572	477	2285	14817
035	0060	0952	29745	425	2296	14829
035	0080	0948	30142	401	2327	14836
035	0100	0949	30303	392	2340	14841
035	0200	0915	30971	298	2397	14853
035	0300	0912	31106	281	2408	14870
035	0325	0911	31133	281	2410	14874

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0870 B	29176	577	2264	14781	0000	00000	5222
0010	0889	29133	572	2258	14789	0053	00003	5281
0020	0894	29166	557	2259	14793	0106	00011	5266
0030	0913 B	2936 I	519 B	2272	14804	0158	00024	5142
0050	0946	2965 I	447	2290	14824	0259	00066	4977
0075	0950	3004 I	405	2319	14834	0381	00143	4701
0100	0949	30303	392	2340	14841	0496	00246	4511
0125	0941	3047 I	366	2354	14844	0608	00374	4378
0151	0932 B	3063 I	341 B	2368	14847	0716	00526	4246
*0176	0924	3080 I	319	2382	14850	0821	00701	4112
0201	0915	30971	298	2397	14853	0923	00896	3980
0226	0913	3100 I	289	2400	14857	1023	01113	3955
0251	0912	3103 I	283	2403	14861	1122	01354	3932
*0301	0912	31106	281	2408	14870	1319	01908	3890

C-REF-NO 002	YR 1967	DEPTH 134	WAVES 1 16X1	AIR T	VIS 8
CONS. NO 028	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 28
LAT 49-241N	DAY 06	NO.DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-453W	HR 04.4	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1013.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
044	0000	0790 B	26556		2070	14716
044	0005	0816	26598		2070	14728
044	0010	0873	28000		2171	14768
044	0020	0895	28579		2213	14786
044	0040	0908	29214		2261	14802
044	0060	0939	29658		2291	14823
044	0080	0945	30238		2335	14836
044	0100	0945	30526		2358	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	26556		2070	14716	0000	00000	7076
0010	0873	28000		2171	14768	0066	00003	6104
0020	0895	28579		2213	14786	0125	00012	5703
0030	0903 B	2889 I		2237	14795	0181	00026	5480
0050	0924	2943 I		2276	14813	0288	00069	5111
0075	0945	3009 I		2324	14833	0410	00147	4656
0100	0945	30526		2358	14843	0523	00248	4339

C-REF-NO 002	YR 1967	DEPTH 161	WAVES 1 18X1	AIR T	VIS 8
CONS. NO 029	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 29
LAT 49-235N	DAY 06	NO. DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-253W	HR 05.9	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	0750 B	25225	663	1971	14683
059	0005	0745	25249	670	1974	14682
059	0010	0814	26201	610	2039	14723
059	0020	0936	28362	480	2190	14799
059	0040	0957	29700	418	2291	14827
059	0060	0948	30026	425	2318	14831
059	0080	0939	30284	369	2340	14834
059	0100	0937	30473	358	2355	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0750 B	25225	663	1971	14683	0000	00000	8027
0010	0814	26201	610	2039	14723	0077	00004	7372
0020	0936	28362	480	2190	14799	0144	00014	5924
0030	0946 I	2903 I	428 C	2241	14813	0201	00028	5442
0050	0954	2986 I	421 B	2304	14829	0304	00070	4837
0075	0941	30226	384	2335	14833	0422	00144	4552
0100	0937	30473	358	2355	14839	0534	00244	4367

C-REF-NO 002	YR 1967	DEPTH 230	WAVES 1 XX	AIR T	VIS 7
CONS. NO 030	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 31
LAT 49-314N	DAY 06	NO.DPTH 9	WND-DIR	WW-CODE 03	
LON 123-272W	HR 07.1	W-COLOR	WND-SPD	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0690 B	24229	673	1900	14646
071	0005	0748	24451	665	1911	14673
071	0010	0783	25433	629	1983	14701
071	0020	0877	26835	555	2080	14757
071	0040	0965	29595	405	2282	14828
071	0060	0939	29946	361	2313	14826
071	0080	0927	30212	343	2336	14829
071	0100	0937	30441	345	2352	14838
071	0200	0904	30915	250	2394	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	24229	673	1900	14646	0000	00000	8710
0010	0783	25433	629	1983	14701	0083	00004	7909
0020	0877	26835	555	2080	14757	0158	00015	6981
0030	0936	2821 I	474 B	2179	14799	0223	00032	6034
0050	0958 C	2977 I	375	2297	14830	0333	00075	4912
0075	0928	30151	345	2331	14827	0452	00151	4589
0100	0937	30441	345	2352	14838	0565	00251	4390
0125	0930	30665	325	2371	14843	0673	00375	4216
0151	0922 B	3081 B	302 B	2384	14846	0777	00522	4095
*0176	0913	30902	277	2392	14848	0879	00692	4023
0201	0904	30915	250	2394	14848	0980	00885	4005

C-REF-NO 002	YR 1967	DEPTH 229	WAVES 1 XX	AIR T	VIS
CONS. NO 031	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 32
LAT 49-387N	DAY 06	NO.DPTH 9	WND-DIR 140	WW-CODE 86	
LON 123-144W	HR 08.5	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1016.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
085	0000	0670 B	17181	736	1350	14548
085	0005	0696	23127		1813	14635
085	0010	0718	23590	665	1847	14651
085	0020	0836 B	26571	217	2065	14738
085	0040	0949	29540	167	2280	14822
085	0060	0922	29754	145	2301	14818
085	0080	0877	30090	129	2334	14808
085	0100	0873	30240	093	2346	14812
085	0200	0871	30329	107	2353	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	17181	736	1350	14548	0000	00000	14037
0010	0718	23590	665	1847	14651	0116	00005	9222
0020	0836 B	26571	217	2065	14738	0198	00017	7124
0030	0911 B	2805 I	192 I	2170	14787	0264	00033	6118
0050	0945 C	2964 I	154	2289	14823	0375	00078	4985
0075	0887	3000 C	134	2326	14810	0496	00154	4635
0100	0873	30240	093	2346	14812	0610	00256	4446
0125	0857	3040 C	079	2361	14812	0720	00382	4307
0150	0852	3046 D	076	2367	14815	0828	00533	4251
*0176	0856	3044 C	086	2365	14820	0935	00711	4279
0201	0871	30329	107	2353	14828	1044	00920	4391

C-REF-NO 002	YR 1967	DEPTH 165	WAVES 1 XX	AIR T	VIS
CONS. NO 032	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 33
LAT 49-325N	DAY 06	NO.DPTH 8	WND-DIR 030	WW-CODE 26	
LON 123-163W	HR 09.5	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1016.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0690 B	24185		1897	14646
095	0005	0717	24383		1909	14660
095	0010	0749	25088		1960	14683
095	0020	0831 B	26801		2084	14739
095	0040	0955	29561		2281	14824
095	0060	0936	30053		2322	14827
095	0080	0931	30347		2346	14832
095	0100	0928	30428		2353	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	24185		1897	14646	0000	00000	8743
0010	0749	25088		1960	14683	0084	00004	8129
0020	0831 B	26801		2084	14739	0160	00015	6945
0030	0905 B	2818 I		2181	14786	0225	00032	6016
0050	0954 C	2980 I		2300	14828	0334	00075	4879
0075	0931	30293		2341	14830	0452	00150	4488
0100	0928	30428		2353	14835	0563	00249	4386

C-REF-NO 002	YR 1967	DEPTH 238	WAVES 1 1522	AIR T	VIS
CONS. NO 033	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 35
LAT 49-239N	DAY 06	NO.DPTH 9	WND-DIR 150	WW-CODE 85	
LON 123-175W	HR 10.7	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0770 B	25971	220	2027	14701
107	0005	0782	25947	232	2024	14706
107	0010	0791	26038	236	2029	14712
107	0020	0885	27906	236	2162	14773
107	0040	0958	29672	165	2289	14827
107	0060	0924	30187	195	2334	14824
107	0080	0917	30332	143	2347	14826
107	0100	0897	30338	189	2350	14822
107	0200	0923	30987	160	2397	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0770 B	25971	220	2027	14701	0000	00000	7491
0010	0791	26038	236	2029	14712	0075	00004	7467
0020	0885	27906	236	2162	14773	0143	00014	6191
0030	0938	2878 I	200 C	2223	14806	0202	00029	5610
0050	0946 C	2992 I	179 C	2311	14827	0307	00071	4775
0075	0918	3032 C	155 B	2346	14826	0422	00144	4449
0100	0897	30338	189	2350	14822	0534	00244	4408
0125	0890	3050 I	187	2364	14826	0643	00369	4280
0151	0892	3066 I	181	2376	14832	0749	00518	4167
*0176	0903	3082 I	172	2387	14843	0852	00690	4066
0201	0923	30987	160	2397	14857	0953	00884	3979

C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1132	AIR T	VIS 7
CONS. NO 034	MONTH 12	MXSAMPD 01	WAVES 2 1122	WET B	STN 36
LAT 49-190N	DAY 06	NO.DPTH 8	WND-DIR 110	WW-CODE 85	
LON 123-200W	HR 11.6	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
116	0000	0740 B	25295	654	1978	14680
116	0005	0791	25995	637	2026	14710
116	0010	0812	26799	614	2086	14729
116	0020	0865	28143	550	2184	14769
116	0040	0908	29592	464	2290	14807
116	0060	0890	30095	472	2332	14810
116	0080	0883	30256	465	2346	14813
116	0100	0882	30331		2352	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	25295	654	1978	14680	0000	00000	7963
0010	0812	26799	614	2086	14729	0074	00004	6922
0020	0865	28143	550	2184	14769	0139	00013	5988
0030	0896	2886 I	498	2236	14791	0197	00028	5490
0050	0902 B	2984 I	463 B	2311	14810	0300	00069	4776
0075	0884	3023 C	466	2344	14812	0416	00143	4461
0100	0882	30331	465	2352	14816	0527	00242	4391



C-REF-NO 002	YR 1967	DEPTH 219	WAVES 1 0933	AIR T	VIS 7
CONS. NO 035	MONTH 12	MXSAMPD 02	WAVES 2 0922	WET B	STN 37
LAT 49-136N	DAY 06	NO.DPTH 9	WND-DIR 090	WW-CODE 84	
LON 123-207W	HR 12.5	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLO-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0730 B	23551		1843	14654
125	0005	0791	25769		2008	14707
125	0010	0863	27651		2146	14760
125	0020	0867	28240		2191	14771
125	0040	0920	29575		2287	14811
125	0060	0916	30088		2328	14820
125	0080	0942	30391		2348	14836
125	0100	0885	30456		2361	14819
125	0200	0930	30880		2387	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	23551		1843	14654	0000	00000	9265
0010	0863	27651		2146	14760	0078	00003	6350
0020	0867	28240		2191	14771	-0140	00013	5918
0030	0893 C	2890 I		2239	14791	0197	00027	5457
0050	0920 B	2983 I		2307	14816	0300	00068	4810
0075	0938 B	30336		2344	14833	0416	00142	4465
0100	0885	30456		2361	14819	0526	00241	4303
0125	0882	3056 I		2370	14823	0633	00364	4224
0151	0888	3066 I		2377	14831	0739	00512	4158
*0176	0904	3077 I		2383	14843	0842	00684	4106
0201	0930	30880		2387	14858	0945	00881	4069

C-REF-NO 002	YR 1967	DEPTH 296	WAVES 1 09X4	AIR T	VIS 7
CONS. NO 036	MONTH 12	MXSAMPD 03	WAVES 2 09X3	WET B	STN 38
LAT 49-120N	DAY 06	NO.DPTH 10	WND-DIR 090	WW-CODE 84	
LON 123-264W	HR 13.5	W-COLOR	WND-SPD 13	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0870 B	27712		2149	14762
135	0005	0842	27787		2159	14753
135	0010	0844	27814		2161	14755
135	0019	0866	28542		2215	14774
135	0038	0926	29561		2285	14813
135	0057	0924	29571		2286	14816
135	0076	0935	29740		2298	14825
135	0095	0934	30289		2341	14835
135	0190	0928	30919		2391	14856
135	0261	0918	31072		2404	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	27712		2149	14762	0000	00000	6315
0010	0844	27814		2161	14755	0063	00003	6204
0020	0870	28617		2220	14777	0122	00012	5639
0030	0903 B	2923 D		2263	14799	0177	00026	5228
0050	0928 B	2956 I		2286	14816	0279	00068	5018
0075	0934	29724		2297	14824	0404	00147	4915
0100	0934	3034 C		2345	14836	0522	00252	4455
0125	0935	3048 I		2356	14842	0632	00379	4355
*0151	0934	3065 I		2369	14848	0740	00531	4235
*0176	0931	3081 I		2383	14853	0845	00705	4112
0201	0927	3096 B		2394	14858	0947	00900	4003
0226	0924	3103 C		2401	14862	1047	01118	3946
*0251	0920	3107 B		2404	14865	1146	01358	3919

C-REF-NO 002	YR 1967	DEPTH 388	WAVES 1 1134	AIR T	VIS 7
CONS. NO 037	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 39
LAT 49-098N	DAY 06	NO.DPTH 11	WND-DIR 090	WW-CODE 61	
LON 123-330W	HR 14.7	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147 0000		0820 B	26240	608	2042	14724
147 0005		0819	26179	596	2037	14723
147 0009		0871	28029	555	2174	14768
147 0019		0913	29486	500	2281	14804
147 0037		0935	29703	469	2295	14818
147 0056		0938	29757	450	2299	14823
147 0074		0942	29871	427	2307	14829
147 0093		0952	30190	378	2330	14840
147 0185		0940	30726	325	2374	14857
147 0278		0918	31048	290	2402	14868
147 0325		0911	31160	281	2412	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	26240	608	2042	14724	0000	00000	7351
0010	0879	2817 I	547	2184	14773	0067	00003	5981
0020	0915	2949 I	497	2282	14805	0122	00011	5048
0030	0932	2961 I	475	2289	14815	0172	00024	4983
0050	0938	2974 C	456	2298	14822	0272	00065	4900
0075	0943	29886	425	2308	14829	0393	00142	4806
0100	0953	3023 I	368 B	2333	14842	0511	00247	4570
0125	0954 B	3037 I	341 D	2344	14848	0625	00378	4468
*0151	0951 B	3052 I	326 D	2356	14853	0735	00534	4359
*0176	0944	3066 I	323 B	2369	14856	0843	00713	4244
0201	0936	30790	318	2379	14859	0949	00915	4145
0226	0930	30886	307	2388	14862	1052	01140	4070
*0251	0925	30970	298	2395	14865	1154	01386	4002
0301	0915	31105	285	2407	14871	1352	01945	3894

G-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1034	AIR T	VIS 7
CONS. NO 038	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 40
LAT 49-086N	DAY 06	NO.DPTH 8	WND-DIR 090	WW-CODE 63	
LON 123-368W	HR 15.8	W-COLOR	WND-SPD 13	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0880 B	29544		2291	14789
158	0005	0905	29542		2287	14800
158	0010	0908	29550		2287	14802
158	0020	0907	29578		2290	14803
158	0040	0925	29684		2295	14815
158	0060	0937	29783		2301	14824
158	0080	0939	29869		2307	14829
158	0100	0944	29931		2311	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29544		2291	14789	0000	00000	4962
0010	0908	29550		2287	14802	0050	00003	4998
0020	0907	29578		2290	14803	0100	00010	4977
0030	0915	29627		2292	14808	0150	00023	4952
0050	0932	29735		2298	14819	0249	00063	4900
0075	0939	29849		2306	14828	0371	00141	4829
0100	0944	29931		2311	14835	0491	00249	4779

C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 1034	AIR T	VIS 8
CONS. NO 039	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 41
LAT 49-033N	DAY 06	NO.DPTH 9	WND-DIR 090	WW-CODE 01	
LON 123-223W	HR 17.2	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0850 B	28764		2234	14768
172	0005	0866	28742		2230	14774
172	0010	0869	28786		2233	14777
172	0020	0885	29194		2263	14790
172	0040	0917	29703		2298	14812
172	0060	0940	30103		2325	14829
172	0080	0947	30304		2340	14837
172	0100	0892	30315		2349	14820
172	0200	0871	30555		2371	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0850 B	28764		2234	14768	0000	00000	5503
0010	0869	28786		2233	14777	0055	00003	5512
0020	0885	29194		2263	14790	0109	00011	5231
0030	0902	2948 D		2283	14801	0161	00024	5043
0050	0930	29922		2313	14821	0259	00064	4758
0075	0949	30272		2337	14837	0376	00138	4530
0100	0892	30315		2349	14820	0488	00239	4418
0125	0879 B	3037 I		2356	14820	0598	00365	4358
0151	0871 C	3043 I		2362	14822	0707	00518	4305
*0176	0868 B	3049 I		2367	14826	0815	00697	4260
0201	0871	30555		2371	14831	0921	00902	4223

C-REF-NO 002	YR 1967	DEPTH 326	WAVES 1 1234	AIR T	VIS 8
CONS. NO 040	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 42
LAT 49-018N	DAY 06	NO.DPTH 10	WND-DIR 120	WW-CODE 02	
LON 123-262W	HR 18.0	W-COLOR	WND-SPD 18	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	0860 B	29427	562	2285	14780
180	0005	0887	29405	557	2279	14791
180	0010	0885	29406	574	2279	14791
180	0020	0883	29409	550	2280	14792
180	0040	0894	29432	540	2280	14800
180	0060	0917	29637	486	2293	14814
180	0080	0937	30040	420	2321	14830
180	0100	0943	30256	443	2337	14838
180	0200	0942	30844	331	2383	14862
180	0250	0930	30849	324	2385	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	29427	562	2285	14780	0000	00000	5021
0010	0885	29406	574	2279	14791	0051	00003	5073
0020	0883	29409	550	2280	14792	0102	00010	5069
0030	0886	2940 B	545 B	2279	14795	0152	00023	5076
0050	0905	29511	516	2285	14806	0254	00065	5027
0075	0933	2993 D	433	2314	14826	0377	00143	4753
0100	0943	30256	443	2337	14838	0493	00247	4537
0125	0949	3040 I	409 B	2347	14846	0606	00377	4439
0151	0950 B	3055 I	379 B	2359	14853	0716	00531	4337
*0176	0948	3069 I	353 B	2370	14858	0824	00710	4228
*0201	0942	30844	331	2383	14862	0928	00911	4115
0226	0937	30871	324	2386	14864	1032	01135	4091
0251	0930	30849	324	2385	14866	1134	01386	4099

C-REF-NO 002	YR 1967	DEPTH 187	WAVES 1 1234	AIR T	VIS 8
CONS. NO 041	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 43
LAT 49-002N	DAY 06	NO.DPTH 8	WND-DIR 120	WW-CODE 02	
LON 123-301W	HR 18.9	W-COLOR	WND-SPD 15	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	0880 B	29414		2281	14788
189	0005	0888	29375		2277	14791
189	0010	0891	29373		2276	14793
189	0020	0886 B	29383		2277	14793
189	0040	0916	29542		2285	14809
189	0060	0941	29867		2307	14826
189	0080	0953	30267		2336	14839
189	0100	0955	30382		2345	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29414		2281	14788	0000	00000	5058
0010	0891	29373		2276	14793	0051	00003	5106
0020	0886 B	29383		2277	14793	0102	00010	5093
0030	0898 B	29441		2280	14800	0153	00023	5067
0050	0930	29689		2295	14818	0253	00064	4930
0075	0951	3017 D		2329	14836	0373	00140	4604
0100	0955	30382		2345	14844	0487	00242	4462

C-REF-NO 002	YR 1967	DEPTH 119	WAVES 1 10X4	AIR T	VIS 8
CONS. NO 042	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 44
LAT 48-568N	DAY 06	NO.DPTH 8	WND-DIR 100	WW-CODE 02	
LON 123-060W	HR 20.6	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0830 B	30267	571	2355	14779
206	0005	0843	30266	556	2353	14785
206	0010	0842	30269	554	2353	14786
206	0020	0843	30277	550	2353	14788
206	0040	0853	30309	531	2354	14795
206	0059	0857	30344	516	2357	14800
206	0079	0860	30389	500	2360	14805
206	0099	0866	30533	469	2370	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30267	571	2355	14779	0000	00000	4354
0010	0842	30269	554	2353	14786	0044	00002	4369
0020	0843	30277	550	2353	14788	0088	00009	4366
0030	0848	30291	541	2354	14791	0131	00020	4364
0050	0856	30327	523	2356	14798	0219	00056	4350
0075	0859	30376	504	2359	14804	0328	00126	4323
*0100	0864 B	3043 I	475 C	2363	14811	0436	00222	4288



C-REF-NO 002	YR 1967	DEPTH 128	WAVES 1 11X4	AIR T	VIS 8
CONS. NO 043	MONTH 12	MXSAMPD 01	WAVES 2 11X4	WET B	STN 45
LAT 48-539N	DAY 06	NO.DPTH 8	WND-DIR 110	WW-CODE 02	
LON 123-084W	HR 21.3	W-COLOR	WND-SPD 13	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1002.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
213	0000	0820 B	29917	595	2329	14771
213	0005	0842	29830	602	2319	14779
213	0010	0843	29841	604	2319	14781
213	0020	0849	30057	564	2335	14787
213	0040	0863	30179	535	2343	14797
213	0060	0869	30273	522	2349	14804
213	0080	0863	30287	523	2351	14805
213	0100	0865	30384	498	2359	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0820 B	29917	595	2329	14771	0000	00000	4601
0010	0843	29841	604	2319	14781	0047	00002	4689
0020	0849	30057	564	2335	14787	0093	00009	4539
0030	0856	3011 I	544	2339	14792	0138	00021	4504
0050	0867	30233	527	2346	14801	0228	00058	4437
0075	0865	3028 B	523	2351	14805	0339	00129	4399
0100	0865	30384	498	2359	14811	0449	00227	4327

C-REF-NO 002	YR 1967	DEPTH 179	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 044	MONTH 12	MXSAMPD 01	WAVES 2 12X4	WET B	STN 46
LAT 48-514N	DAY 06	NO.DPTH 9	WND-DIR 120	WW-CODE 02	
LON 123-108W	HR 21.9	W-COLOR	WND-SPD 13	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219	0000	0880 B	29991	518	2326	14795
219	0005	0919	29964	483	2318	14810
219	0010	0921	29961	486	2317	14812
219	0020	0918	29961	486	2318	14812
219	0039	0863	30102	526	2337	14796
219	0059	0869	30306	500	2352	14804
219	0078	0865	30409	495	2361	14807
219	0098	0867	30455	480	2364	14812
219	0146	0866	30512	480	2368	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0880 B	29991	518	2326	14795	0000	00000	4629
0010	0921	29961	486	2317	14812	0047	00002	4710
0020	0918	29961	486	2318	14812	0094	00010	4708
0030	0889 C	3002 B	508 B	2327	14804	0141	00022	4623
0050	0863 B	3021 B	515	2346	14799	0232	00059	4443
0075	0866	30398	495	2360	14807	0342	00129	4315
0100	0867	30459	479	2364	14812	0450	00225	4273
0126	0867	30500	475	2367	14817	0557	00349	4247

C-REF-NO 002	YR 1967	DEPTH 188	WAVES 1 12X6	AIR T	VIS 8
CONS. NO 045	MONTH 12	MXSAMPD 01	WAVES 2 12X4	WET B	STN 47
LAT 48-493N	DAY 06	NO.DPTH 9	WND-DIR 120	WW-CODE 02	
LON 123-062W	HR 22.7	W-COLOR	WND-SPD 13	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0830 B	30096		2341	14777
227	0005	0911	30067		2327	14808
227	0010	0913	30066		2327	14810
227	0020	0912	30066		2327	14811
227	0040	0885	30072		2331	14804
227	0060	0869	30378		2358	14805
227	0080	0868	30376		2358	14808
227	0100	0869	30394		2359	14812
227	0150	0870	30525		2369	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30096		2341	14777	0000	00000	4482
0010	0913	30066		2327	14810	0046	00002	4621
0020	0912	30066		2327	14811	0092	00009	4620
0030	0900	3005 D		2327	14808	0138	00021	4617
0050	0875	3022 I		2345	14804	0230	00058	4454
0075	0867	3039 D		2359	14807	0340	00129	4324
0100	0869	30394		2359	14812	0448	00226	4325
0126	0870	30444		2363	14817	0557	00351	4292
0151	0870	30525		2369	14822	0664	00501	4236

C-REF-NO 002	YR 1967	DEPTH 137	WAVES 1 11X4	AIR T	VIS 8
CONS. NO 046	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 55
LAT 48-456N	DAY 06	NO.DPTH 8	WND-DIR 110	WW-CODE 02	
LON 122-587W	HR 23.8	W-COLOR	WND-SPD 11	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0900 B	30192		2338	14805
238	0005	0885	30147		2337	14800
238	0010	0883	30144		2337	14800
238	0020	0883	30161		2339	14802
238	0039	0882	30382		2356	14807
238	0059	0877	30443		2361	14809
238	0078	0872	30436		2362	14810
238	0098	0871	30487		2366	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30192		2338	14805	0000	00000	4507
0010	0883	30144		2337	14800	0045	00002	4520
0020	0883	30161		2339	14802	0091	00009	4508
0030	0883	3027 I		2348	14805	0135	00021	4423
0050	0880	3043 B		2360	14809	0223	00056	4307
0075	0873	30437		2362	14810	0331	00126	4295

C-REF-NO 002	YR 1967	DEPTH 214	WAVES 1 13X4	AIR T	VIS 8
CONS. NO 047	MONTH 12	MXSAMPD 02	WAVES 2 XX	NET B	STN 56
LAT 48-464N	DAY 07	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LON 123-016W	HR. 00.6	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0900 B	30549	495	2366	14810
006	0005	0888	30449	470	2360	14805
006	0010	0889	30448	479	2360	14806
006	0020	0874	30632	469	2377	14804
006	0040	0860	30719	470	2385	14803
006	0060	0856	30750	487	2388	14805
006	0080	0846	30760	489	2391	14805
006	0100	0843	30813		2395	14808
006	0174	0837	31106	480	2419	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0900 B	30549	495	2366	14810	0000	00000	4242
0010	0889	30448	479	2360	14806	0043	00002	4302
0020	0874	30632	469	2377	14804	0085	00009	4145
0030	0865	3067 I	467	2381	14803	0127	00019	4101
0050	0858	30739	478	2387	14804	0209	00053	4046
0075	0848	30756	489	2390	14805	0310	00118	4024
0100	0843	30813	492	2395	14808	0410	00208	3977
0126	0839	3089 B	491 B	2402	14811	0510	00322	3918
0151	0837	30990	487	2410	14816	0607	00459	3844
*0176	0837	31111	480	2419	14821	0703	00618	3758

C-REF-NO 002	YR 1967	DEPTH 188	WAVES 1 1334	AIR T	VIS 8
CONS. NO 048	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 48
LAT 48-517N	DAY 07	NO.DPTH 9	WND-DIR 140	WW-CODE 02	
LON 123-032W	HR 02.0	W-COLOR	WND-SPD 18	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0860 B	30442		2364	14793
020	0005	0865	30379		2358	14795
020	0010	0864	30394		2360	14796
020	0020	0864	30407		2361	14797
020	0040	0863	30406		2361	14800
020	0060	0869	30412		2360	14806
020	0080	0861	30434		2363	14806
020	0100	0862	30446		2364	14810
020	0160	0866	30512		2368	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30442		2364	14793	0000	00000	4265
0010	0864	30394		2360	14796	0043	00002	4307
0020	0864	30407		2361	14797	0086	00009	4298
0030	0863	30408		2361	14799	0129	00020	4298
0050	0866	30408		2360	14803	0216	00055	4306
0075	0863	30428		2362	14806	0324	00124	4289
0100	0862	30446		2364	14810	0431	00221	4277
0126	0863	30470		2366	14815	0539	00344	4264
0151	0865	30499		2368	14820	0645	00495	4249

C-REF-NO 002	YR 1967	DEPTH 132	WAVES 1 1434	AIR T	VIS 8
CONS. NO 049	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 49
LAT 48-550N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 122-596W	HR 02.9	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I-1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
029	0000	0850 B	30368	552	2360	14788
029	0005	0850	30311	541	2355	14788
029	0010	0851	30317	546	2355	14790
029	0020	0849 B	30318	540	2356	14791
029	0040	0852	30322	535	2356	14795
029	0060	0864	30363	519	2357	14803
029	0080	0860	30417	505	2362	14806
029	0100	0860	30421	501	2362	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30368	552	2360	14788	0000	00000	4306
0010	0851	30317	546	2355	14790	0043	00002	4346
0020	0849 B	30318	540	2356	14791	0087	00009	4344
0030	0849	30317	538	2356	14792	0131	00020	4346
0050	0858	30339	528	2356	14799	0218	00056	4345
0075	0862	30405	508	2361	14805	0327	00125	4304
0100	0860	30421	501	2362	14809	0434	00222	4293

C-REF-NO 002	YR 1967	DEPTH 26	WAVES 1 1533	AIR T	VIS 8
CONS. NO 050	MONTH 12	MXSAMPD 00	WAVES 2 XX	WET B	STN 50
LAT 48-577N	DAY 07	NO.DPTH 4	WND-DIR 150	WW-CODE 02	
LON 122-561W	HR 03.7	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
037	0000	0830 B	30305		2357	14780
037	0005	0829	30271		2355	14780
037	0010	0830	30264		2354	14781
037	0019	0827 B	30266		2355	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30305		2357	14780	0000	00000	4325
0010	0830	30264		2354	14781	0044	00002	4356



C-REF-NO 002	YR 1967	DEPTH 155	WAVES 1 1433	AIR T	VIS 8
CONS. NO 051	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B.	STN 51
LAT 48-467N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 63	
LON 122-516W	HR 04.8	W-COLOR	WND-SPD 13	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0860 B	30333	539	2355	14792
048	0005	0869	30276	519	2350	14795
048	0010	0871	30275	516	2349	14797
048	0020	0869	30362	501	2356	14799
048	0040	0878	30437	486	2361	14806
048	0060	0878	30447	470	2362	14810
048	0080	0873	30498	465	2366	14812
048	0100	0869	30555	471	2371	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0860 B	30333	539	2355	14792	0000	00000	4346
0010	0871	30275	516	2349	14797	0044	00002	4405
0020	0869	30362	501	2356	14799	0088	00009	4339
0030	0873	30412	492	2360	14803	0131	00020	4309
0050	0879	3044 B	477	2361	14808	0218	00055	4297
0075	0874	30483	465	2365	14811	0325	00124	4263
0100	0869	30555	471	2371	14814	0431	00219	4206

C-REF-NO 002	YR 1967	DEPTH 91	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 052	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 52
LAT 48-389N	DAY 07	NO.DPTH 7	WND-DIR 140	WW-CODE 63	
LON 122-433W	HR 05.8	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
058	0000	0850 B	30425	545	2364	14789
058	0005	0849	30400	530	2362	14789
058	0010	0851	30406	533	2362	14791
058	0020	0854 E	30410	522	2362	14794
058	0040	0857	30415	518	2362	14798
058	0060	0860	30445	505	2364	14803
058	0080	0855	30459	510	2366	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30425	545	2364	14789	0000	00000	4263
0010	0851	30406	533	2362	14791	0043	00002	4279
0020	0854 E	30410	522	2362	14794	0086	00009	4283
0030	0856 C	30411	519	2362	14796	0129	00020	4285
0050	0859	30429	511	2363	14801	0215	00055	4278
0075	0857	30456	507	2365	14804	0322	00124	4259

C-REF-NO 002	YR 1967	DEPTH 73	WAVES 1 15X2	AIR T	VIS 7
CONS. NO 053	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 53
LAT 48-332N	DAY 07	NO.DPTH 6	WND-DIR 150	WW-CODE 63	
LON 122-450W	HR 06.5	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0000	0850 B	30378		2360	14788
065	0005	0843	30363		2360	14786
065	0010	0846	30363		2360	14788
065	0020	0844	30360		2360	14789
065	0040	0854	30377		2360	14796
065	0060	0856	30387		2360	14801

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30378		2360	14788	0000	00000	4299
0010	0846	30363		2360	14788	0043	00002	4305
0020	0844	30360		2360	14789	0086	00009	4305
0030	0848	30367		2360	14793	0130	00020	4308
0050	0856	30382		2360	14799	0216	00055	4309

C-REF-NO 002	YR 1967	DEPTH .77	WAVES 1 14X3	AIR T	VIS 7
CONS. NO 054	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 54
LAT 48-266N	DAY 07	NO.DPTH 6	WND-DIR 140	WW-CODE 63	
LON 122-443W	HR 07.2	W-COLOR	WND-SPD 11	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0800 B	30245	575	2357	14767
072	0005	0824	30224	560	2352	14777
072	0010	0828	30225	550	2352	14780
072	0020	0826	30228	555	2352	14781
072	0040	0837	30279	545	2354	14789
072	0060	0837	30293	543	2356	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0800 B	30245	575	2357	14767	0000	00000	4330
0010	0828	30225	550	2352	14780	0044	00002	4382
0020	0826	30228	555	2352	14781	0088	00009	4378
0030	0831	3025 B	551	2353	14784	0132	00020	4369
0050	0838	30289	543	2355	14791	0219	00056	4354

C-REF-NO 002	YR 1967	DEPTH 141	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 055	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 57
LAT 48-440N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 123-081W	HR 10.0	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0870 B	30451		2363	14797
100	0005	0869	30433		2362	14797
100	0010	0870	30437		2362	14798
100	0020	0868	30451		2363	14800
100	0040	0869	30531		2369	14804
100	0060	0863	30646		2379	14807
100	0080	0854	30746		2388	14808
100	0100	0851	30795		2393	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30451		2363	14797	0000	00000	4272
0010	0870	30437		2362	14798	0043	00002	4283
0020	0868	30451		2363	14800	0086	00009	4272
0030	0869	30484		2366	14802	0129	00020	4249
0050	0867	30587		2374	14806	0213	00054	4172
0075	0856	30724		2386	14807	0317	00120	4059
0100	0851	30795		2393	14811	0418	00211	4002

C-REF-NO 002	YR 1967	DEPTH 338	WAVES 1 14X2	AIR T	VIS 8
CONS. NO 056	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 58
LAT 48-430N	DAY 07	NO.DPTH 10	WND-DIR 140	WW-CODE 01	
LON 123-143W	HR 10.7	W-COLOR	WND-SPD 07	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0780 B	30602		2388	14764
107	0005	0858	30565		2374	14795
107	0010	0861	30573		2374	14797
107	0020	0857	30603		2377	14797
107	0040	0852	30711		2386	14800
107	0060	0846	30794		2393	14802
107	0080	0843	30813		2395	14804
107	0100	0843	30810		2395	14808
107	0200	0837	31046		2414	14825
107	0300	0834	31105		2419	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	30602		2388	14764	0000	00000	4037
0010	0861	30573		2374	14797	0041	00002	4169
0020	0857	30603		2377	14797	0083	00009	4143
0030	0854	3065 B		2381	14799	0124	00019	4102
0050	0849	30758		2390	14801	0206	00052	4020
0075	0843	30812		2395	14804	0306	00117	3975
0100	0843	30810		2395	14808	0406	00206	3979
0126	0841	3086 I		2400	14812	0506	00321	3936
0151	0840	3092 I		2405	14816	0604	00459	3893
*0176	0838	3098 I		2410	14820	0701	00621	3852
*0201	0837	31046		2414	14825	0798	00806	3810
0226	0836	31075		2417	14829	0893	01014	3790
0251	0835	31094		2418	14833	0988	01245	3778
0302	0834	31105		2419	14841	1178	01781	3775

C-REF-NO 002	YR 1967	DEPTH 227	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 057	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 59
LAT 48-378N	DAY 07	NO.DPTH 9	WND-DIR 130	WW-CODE 01	
LON 123-146W	HR 11.7	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1002.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0860 B	30437	559	2363	14793
117	0005	0839	30365	532	2361	14785
117	0010	0840	30537	520	2374	14788
117	0019	0838	30643	515	2383	14790
117	0039	0845	30719	514	2388	14797
117	0058	0843	30792	508	2394	14801
117	0077	0833	30966	512	2409	14802
117	0097	0833		488		
117	0174	0832	31095	485	2419	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30437	559	2363	14793	0000	00000	4269
0010	0840	30537	520	2374	14788	0042	00002	4166
0020	0838	30649	515	2383	14791	0084	00008	4083
0030	0841	3069 C	514	2387	14794	0125	00019	4051
0050	0845	3075 B	510	2391	14799	0206	00052	4016
0075	0834	30946	512	2407	14802	0305	00115	3862
0100	0833	3105 B	486	2416	14807	0401	00201	3784
0126	0831	3110 C	476 B	2420	14811	0495	00310	3745
*0151	0831	3112 B	476 B	2421	14815	0589	00443	3740
*0176	0832	31093	486	2419	14819	0684	00600	3765

C-REF-NO 002	YR 1967	DEPTH 298	WAVES 1 14X2	AIR T	VIS 8
CONS. NO 058	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 60
LAT 48-339N	DAY 07	NO.DPTH 10	WND-DIR 140	WW-CODE 02	
LON 123-128W	HR 12.6	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
126	0000	0830 B	30699	537	2388	14785
126	0005	0834	30675	522	2386	14787
126	0010	0837	30746	520	2391	14790
126	0020	0835	30837	516	2398	14792
126	0040	0842	30868	507	2400	14798
126	0059	0841	30894	502	2402	14801
126	0079	0833	30958	501	2408	14802
126	0099	0831	31007	497	2412	14805
126	0197	0832	31106	485	2420	14823
126	0256	0822	31434	472	2447	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30699	537	2388	14785	0000	00000	4032
0010	0837	30746	520	2391	14790	0040	00002	4007
0020	0835	30837	516	2398	14792	0080	00008	3938
0030	0838	3086 C	511	2400	14795	0120	00018	3923
0050	0842	30880	504	2401	14800	0199	00051	3920
0075	0835	30944	501	2407	14802	0296	00113	3865
0100	0831	31007	497	2412	14806	0393	00199	3816
0126	0831	3103 I	494	2414	14810	0488	00310	3801
*0151	0832 B	3105 I	491	2416	14815	0584	00444	3786
*0176	0832	3108 I	488	2418	14819	0679	00602	3771
0201	0832	31118	484	2421	14824	0773	00784	3748
0226	0828	31238	479	2431	14828	0866	00986	3658
*0251	0823	31392	473	2443	14832	0957	01206	3539



C-REF-NO 002	YR 1967	DEPTH 274	WAVES 1 11X2	AIR T	VIS 8
CONS. NO 059	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET. B	STN. 61
LAT 48-292N	DAY 07	NO.DPTH 10	WND-DIR 110	WW-CODE 83	
LON 123-092W	HR 14.8	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	0840 B	30795		2394	14790
148	0005	0822	30777		2396	14784
148	0010	0825	30922		2406	14788
148	0020	0822	31023		2415	14789
148	0040	0830	31043		2415	14796
148	0060	0828	31047		2416	14798
148	0080	0823	31051		2417	14800
148	0100	0823	31057		2417	14803
148	0200	0821	31157		2425	14820
148	0250	0820	31339		2440	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30795		2394	14790	0000	00000	3974
0010	0825	30922		2406	14788	0039	00002	3859
0020	0822	31023		2415	14789	0078	00008	3781
0030	0825	3104 C		2416	14793	0116	00018	3768
0050	0830	31046		2415	14797	0191	00049	3779
0075	0824	31050		2417	14799	0286	00109	3772
0100	0823	31057		2417	14803	0381	00194	3769
0126	0822	3106 C		2418	14807	0476	00303	3767
0151	0821	3107 D		2419	14811	0570	00437	3756
*0176	0821	3111 C		2422	14815	0664	00593	3734
*0201	0821	31157		2425	14820	0758	00773	3705
0226	0821	31237		2432	14825	0850	00974	3648
0251	0820	31339		2440	14830	0941	01195	3575

C-REF-NO 002	YR 1967	DEPTH 150	WAVES 1 18X1	AIR T	VIS 8
CONS. NO 060	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 62
LAT 48-228N	DAY 07	NO.DPTH 8	WND-DIR 180	WW-CODE 01	
LON 123-026W	HR 16.2	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0840 B	30876	555	2401	14791
162	0005	0820	30851	538	2402	14784
162	0010	0823	30863	540	2402	14786
162	0020	0822	30880	535	2404	14787
162	0040	0830	31053	526	2416	14796
162	0060	0829	31135	525	2423	14800
162	0080	0818	31254	518	2433	14801
162	0100	0816	31469	515	2450	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30876	555	2401	14791	0000	00000	3914
0010	0823	30863	540	2402	14786	0039	00002	3901
0020	0822	30880	535	2404	14787	0078	00008	3888
0030	0826	3096 D	530	2409	14792	0117	00018	3835
0050	0831	3109 B	525	2419	14798	0193	00049	3741
0075	0821	31218	520	2430	14800	0286	00108	3642
0100	0816	31469	515	2450	14806	0375	00188	3451

C-REF-NO 002	YR 1967	DEPTH 154	WAVES 1 20X1	AIR T	VIS 8
CONS. NO 061	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 63
LAT 48-146N	DAY 07	NO.DPTH 8	WND-DIR 200	WW-CODE 01	
LON 122-585W	HR 17.2	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0880 B	31644		2455	14816
172	0005	0861	31613		2455	14809
172	0010	0860	31611		2455	14810
172	0020	0857	31624		2457	14810
172	0040	0854	31655		2459	14813
172	0060	0827 B	31776		2473	14807
172	0080	0818	31783		2475	14807
172	0100	0819	31787		2475	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0880 B	31644		2455	14816	0000	00000	3398
0010	0860	31611		2455	14810	0034	00002	3395
0020	0857	31624		2457	14810	0068	00007	3382
0030	0857	31633		2457	14812	0102	00016	3376
0050	0841 B	3171 C		2466	14810	0169	00043	3295
0075	0819	31787		2475	14807	0251	00095	3215
0101	0819	31787		2475	14811	0332	00168	3220

C-REF-NO 002	YR 1967	DEPTH 93	WAVES 1 18X3	AIR T	VIS 7
CONS. NO 062	MONTH 12	MXSAMPD 01	WAVES 2 27X6	WET B	STN 76
LAT 48-314N	DAY 07	NO.DPTH 7	WND-DIR 180	WW-CODE	
LON 124-300W	HR 22.5	W-COLOR	WND-SPD 06	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	0980 B	30502		2350	14839
215	0005	0971	30467		2349	14836
215	0010	0941	30749		2376	14829
215	0019	0900	31099		2409	14820
215	0039	0849	31422		2442	14808
215	0058	0849	31588		2455	14813
215	0077	0848	31609		2457	14816

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	30502		2350	14839	0000	00000	4395
0010	0941	30749		2376	14829	0043	00002	4154
0020	0896	3112 B		2412	14819	0083	00008	3811
0030	0865	3127 I		2428	14811	0120	00018	3655
0050	0846	31535		2451	14810	0192	00047	3437
0075	0848	31614		2457	14816	0277	00102	3385

C-REF-NO 002	YR 1967	DEPTH 218	WAVES 1 19X3	AIR T	VIS
CONS. NO 063	MONTH 12	MXSAMPD 02	WAVES 2 25X8	WET B	STN 75
LAT 48-290N	DAY 07	NO.DPTH 9	WND-DIR 190	WW-CODE 15	
LON 124-320W	HR 23.5	W-COLOR	WND-SPD 07	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1011.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	1030 B	30225	637	2321	14854
235	0005	1014	30280	635	2327	14850
235	0010	1014	30284	637	2328	14850
235	0020	1012	30340	636	2332	14852
235	0040	0985	30876	607	2378	14852
235	0060	0957	31255	580	2412	14850
235	0080	0957	31476	565	2430	14856
235	0100	0932	31537	545	2438	14851
235	0200	0811	32499	390	2532	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1030 B	30225	637	2321	14854	0000	00000	4678
0010	1014	30284	637	2328	14850	0047	00002	4610
0020	1012	30340	636	2332	14852	0093	00009	4567
0030	1000	3060 I	624	2355	14853	0137	00021	4352
0050	0969	31085	593	2397	14851	0221	00055	3953
0075	0957	31436	568	2427	14855	0317	00115	3679
0100	0932	31537	545	2438	14851	0408	00197	3570
0126	0908	3177 I	514	2461	14849	0495	00297	3358
0151	0879	3201 I	478	2484	14845	0577	00412	3143
*0176	0847	3225 I	436	2508	14840	0653	00538	2921
0201	0811	32499	390	2532	14834	0724	00674	2694

C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 064	MONTH 12	MXSAMPD 02	WAVES 2 23X8	WET B	STN 74
LAT 48-261N	DAY 08	NO.DPTH 10	WND-DIR 180	WW-CODE 15	
LON 124-346W	HR 00.4	W-COLOR	WND-SPD 02	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
004	0000	1020 B	30168		2318	14850
004	0005	1010	30145		2318	14846
004	0010	1012	30163		2319	14848
004	0020	1021	30350		2332	14855
004	0040	1031	30435		2337	14863
004	0060	1029	30443		2338	14866
004	0080	1022 B	30517		2345	14868
004	0100	1017	31060		2388	14876
004	0200	0777	33360		2604	14832
004	0230	0768	33406		2609	14834

## I N T E R P O L A T E D

PRFSS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1020 B	30168		2318	14850	0000	00000	4705
0010	1012	30163		2319	14848	0047	00002	4696
0020	1021	30350		2332	14855	0094	00010	4574
0030	1027	3042 D		2336	14860	0139	00021	4532
0050	1031	3044 B		2337	14865	0230	00058	4529
0075	1024 B	3047 D		2341	14867	0344	00131	4496
0100	1017	31060		2388	14876	0451	00226	4054
0126	0957 I	3163 I		2442	14865	0546	00335	3539
0151	0897 I	3221 I		2496	14854	0629	00451	3026
*0176	0837 I	3278 I		2550	14843	0699	00566	2516
*0201	0777	33360		2604	14832	0756	00674	2007
0226	0768	33418		2610	14833	0806	00783	1955

C-REF-NO 002	YR 1967	DEPTH 117	WAVES 1 15X1	AIR T	VIS 7
CONS. NO 065	MONTH 12	MXSAMPD 01	WAVES 2 25X4	WET B	STN 77
LAT 48-245N	DAY 08	NO.DPTH 7	WND-DIR 150	WW-CODE 15	
LON 124-340W	HR 01.4	W-COLOR	WND-SPD 02	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	1000 B	29997		2308	14840
014	0005	0995	29970		2306	14839
014	0010	1004	30089		2314	14844
014	0020	1014	30291		2328	14852
014	0040	1021	30310		2329	14858
014	0060	1023	30707		2359	14867
014	0080	1017 B	31124		2393	14874

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1000 B	29997		2308	14840	0000	00000	4800
0010	1004	30089		2314	14844	0048	00002	4739
0020	1014	30291		2328	14852	0095	00010	4607
0030	1019	3030 I		2328	14856	0141	00021	4609
0050	1023	3050 I		2344	14863	0232	00059	4465
0075	1019	31012		2383	14872	0340	00127	4089

C-REF-NO 002	YR 1967	DEPTH 157	WAVES 1 18X1	AIR T	VIS 9
CONS. NO 066	MONTH 12	MXSAMPD 01	WAVES 2 25X5	WET B	STN 73
LAT 48-150N	DAY 08	NO.DPTH 9	WND-DIR 180	WW-CODE 01	
LON 124-067W	HR 04.2	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
042	0000	0950 B	30396		2347	14827
042	0005	0983	30373		2340	14839
042	0009	0992	30447		2344	14844
042	0019	1003	30760		2367	14854
042	0037	1012	31071		2389	14864
042	0056	0989	31081		2394	14859
042	0074	0954	31195		2408	14850
042	0093	0922	31263		2419	14842
042	0120	0872	31591		2452	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	30396		2347	14827	0000	00000	4429
0010	0994	3047 B		2346	14845	0044	00002	4436
0020	1004	30785		2368	14855	0088	00009	4225
0030	1011	30987		2383	14862	0130	00020	4089
0050	0999	3107 I		2392	14861	0211	00053	4004
0075	0952	31198		2409	14850	0310	00116	3848
0100	0909	31327		2426	14839	0404	00200	3691



C-REF-NO 002	YR 1967	DEPTH 192	WAVES 1 XX	AIR T	VIS 8
CONS. NO 067	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 72
LAT 48-186N	DAY 08	NO.DPTH 9	WND-DIR 310	WW-CODE 61	
LON 124-040W	HR 05.3	W-COLOR	WND-SPD 02	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1016.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0940 B	31101	611	2403	14832
053	0005	0913	31220	600	2417	14824
053	0010	0908	31227	602	2418	14823
053	0020	0893	31339	576	2429	14820
053	0040	0884	31396	565	2435	14821
053	0060	0870	31573	531	2451	14821
053	0080	0893	31866	511	2470	14837
053	0100	0877	31941	498	2478	14835
053	0150	0818	32385	399	2522	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31101	611	2403	14832	0000	00000	3890
0010	0908	31227	602	2418	14823	0038	00002	3750
0020	0893	31339	576	2429	14820	0076	00008	3646
0030	0887	3136 I	569	2432	14820	0112	00017	3618
0050	0875	31470	549	2442	14820	0184	00046	3529
0075	0887	3179 D	515	2466	14833	0270	00101	3306
0101	0877	31941	498	2478	14835	0351	00174	3188
0126	0854	3216 I	458	2499	14833	0429	00263	2994
0151	0818	32385	399	2522	14827	0502	00365	2781

C-REF-NO 002	YR 1967	DEPTH 115	WAVES 1 XX	AIR T	VIS 9
CONS. NO 068	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 71
LAT 48-222N	DAY 08	NO.DPTH 7	WND-DIR 340	WW-CODE 02	
LON 123-594W	HR 06.3	W-COLOR	WND-SPD 02	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1017.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0970 B	30997		2390	14842
063	0005	0974	30969		2387	14844
063	0010	0979	30982		2388	14846
063	0020	0982	30012		2312	14837
063	0040	0938	31223		2413	14839
063	0060	0922	31562		2442	14841
063	0080	0859	31631		2457	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	30997		2390	14842	0000	00000	4013
0010	0979	30982		2388	14846	0040	00002	4038
0020	0982	30012		2312	14837	0085	00009	4764
0030	0962 B	3061 I		2362	14839	0130	00021	4287
0050	0931 B	3139 I		2427	14840	0210	00053	3667
0075	0878	3164 B		2455	14828	0299	00109	3402

C-REF-NO 002	YR 1967	DEPTH 154	WAVES 1	XX	AIR T	VIS 9
CONS. NO 069	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 70
LAT 48-192N	DAY 08	NO.DPTH 8	WND-DIR 270	WW-CODE 02		
LON 123-432W	HR 08.1	W-COLOR	WND-SPD 02	CLD-TPE X		
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1018.0	CLD-AMT 9	HW	

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0940 B	31480		2433	14837
081	0005	0900	31543		2444	14823
081	0010	0882	31543		2447	14817
081	0019	0871	31549		2449	14815
081	0038	0860	31548		2450	14814
081	0058	0843	31558		2454	14810
081	0076	0833	31571		2456	14810
081	0096	0831	31654		2463	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31480		2433	14837	0000	00000	3608
0010	0882	31543		2447	14817	0036	00002	3477
0020	0870	31549		2449	14815	0070	00007	3457
0030	0864	31549		2450	14814	0105	00016	3450
0050	0850	31553		2452	14812	0174	00044	3429
0075	0833	31569		2456	14810	0260	00099	3398

C-REF-NO 002	YR 1967	DEPTH 174	WAVES 1 23XX	AIR T	VIS 8
CONS. NO 070	MONTH 12	MXSAMPD 01	WAVES 2 25X4	WET B	STN 69
LAT 48-156N	DAY 08	NO.DPTH 9	WND-DIR 250	WW-CODE 02	
LON 123-432W	HR 09.1	W-COLOR	WND-SPD 01	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0960 B	31379	566	2422	14843
091	0005	0892	31346	571	2430	14818
091	0010	0889	31372	559	2432	14818
091	0020	0884	31407	540	2436	14818
091	0040	0863	31529	522	2448	14815
091	0060	0856	31560	513	2452	14816
091	0080	0848	31589	519	2455	14816
091	0100	0843	31625	507	2459	14818
091	0150	0831	32180	438	2504	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	31379	566	2422	14843	0000	00000	3714
0010	0889	31372	559	2432	14818	0037	00002	3614
0020	0884	31407	540	2436	14818	0073	00007	3582
0030	0874	3146 B	529	2442	14816	0109	00017	3523
0050	0859	31550	516	2451	14815	0179	00045	3444
0075	0850	31581	518	2454	14816	0265	00100	3413
0101	0843	31625	507	2459	14818	0350	00177	3374
0126	0837	3182 B	480	2476	14822	0433	00272	3218
0151	0831	32180	438	2504	14829	0511	00381	2951

C-REF-NO 002	YR 1967	DEPTH 137	WAVES 1 17X5	AIR T	VIS 8
CONS. NO 071	MONTH 12	MXSAMPD 01	WAVES 2 25X3	WET B	STN 68
LAT 48-122N	DAY 08	NO.DPTH 8	WND-DIR 160	WW-CODE 02	
LON 123-430W	HR 10.1	W-COLOR	WND-SPD 01	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0970 B	31106		2399	14843
105	0005	0957	31085		2399	14839
105	0010	0955	31090		2400	14839
105	0020	0955	31099		2401	14841
105	0040	0964 B	31109		2400	14847
105	0060	0957	31176		2406	14849
105	0080	0936	31333		2422	14846
105	0100	0844	31662		2461	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	31106		2399	14843	0000	00000	3932
0010	0955	31090		2400	14839	0039	00002	3922
0020	0955	31099		2401	14841	0079	00008	3916
0030	0960	31101		2400	14844	0118	00018	3925
0050	0962	31133		2402	14849	0197	00050	3907
0075	0945	31281		2416	14848	0293	00112	3775
0100	0844	31662		2461	14819	0383	00191	3348

C-REF-NO 002	YR 1967	DEPTH 97	WAVES 1 10X5	AIR T	VIS 8
CONS. NO 072	MONTH 12	MXSAMPD 01	WAVES 2 25X2	WET B	STN 64
LAT 48-128N	DAY 08	NO.DPTH 7	WND-DIR 100	WW-CODE 02	
LON 123-058W	HR 12.5	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0900	B			
125	0005	0892				
125	0010	0892				
125	0020	0890				
125	0040	0889				
125	0060	0875				
125	0080	0845				

C-REF-NO	002	YR	1967	DEPTH	121	WAVES 1	14X1	AIR T		VIS	7
CONS. NO	073	MONTH	12	MXSAMPD	01	WAVES 2	25X3	WET B		STN	65
LAT	48-159N	DAY	08	NO.DPTH	8	WND-DIR	140	WW-CODE	02		
LON	123-098W	HR	13.6	W-COLOR		WND-SPD	04	CLD-TPE	X		
MARSD SQ	157	C/I	1815	W-TRNSP		BARO	1021.0	CLD-AMT	9	HW	

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT.	SOUND
136	0000	0830 B		551		
136	0005	0816		513		
136	0010	0819		505		
136	0020	0838		522		
136	0040	0853		516		
136	0060	0833		492		
136	0080	0814		465		
136	0110	0814		461		

C-REF-NO 002	YR 1967	DEPTH 104	WAVES 1 12X1	AIR T	VIS 7
CONS. NO 074	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 66
LAT 48-193N	DAY 08	NO.DPTH 7	WND-DIR 120	WW-CODE 02	
LON 123-141W	HR 14.7	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147	0000	0830	B			
147	0005	0817				
147	0010	0818				
147	0020	0818				
147	0040	0836				
147	0060	0829				
147	0090	0814				



C-REF-NO 002	YR 1967	DEPTH 106	WAVES 1 09X1	AIR T	VIS
CONS. NO 075	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 67
LAT 48-228N	DAY 08	NO.DPTH 7	WND-DIR 090	WW-CODE 02	
LON 123-181W	HR 15.8	W-COLOR	WND-SPD 06	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0800 B				
158	0005	0812				
158	0010	0813				
158	0020	0813				
158	0040	0821				
158	0060	0821				
158	0080	0816				

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C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 112X	AIR T	VIS 7
CONS. NO 001	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 1
LAT 49-202N	DAY 08	NO.DPTH 10	WND-DIR 110	WW-CODE 02	
LON 124-120W	HR 20.7	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0730 B	28705		2246	14720
207	0005	0742	28699		2244	14726
207	0010	0745	28725		2246	14728
207	0020	0790	28874		2251	14749
207	0030	0851	29335		2279	14780
207	0050	0895	29855		2313	14807
207	0075	0914	30117		2330	14822
207	0100	0918	30259		2341	14829
207	0150	0909	30655		2373	14839
207	0200	0916	30909		2392	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28705		2246	14720	0000	00000	5392
0010	0745	28725		2246	14728	0054	00003	5396
0020	0790	28874		2251	14749	0108	00011	5342
0030	0851	29335		2279	14780	0160	00024	5080
0050	0895	29855		2313	14807	0259	00064	4757
0075	0914	30117		2330	14822	0376	00139	4594
0100	0918	30259		2341	14829	0490	00241	4497
0125	0914	3045 D		2357	14834	0602	00369	4349
0151	0909	30655		2373	14839	0709	00520	4197
0176	0911	30796		2384	14846	0813	00693	4099
0201	0916	30909		2392	14853	0915	00889	4027

C-REF-NO 001	YR 1968	DEPTH 283	WAVES 1 113X	AIR T	VIS 7
CONS. NO 002	MONTH 1	MXSAMPD 02	WAVES 2 112X	WET B	STN 2
LAT 49-24IN	DAY 08	NO.DPTH 11	WND-DIR 110	WW-CODE 02	
LON 124-094W	HR 21.8	W-COLOR	WND-SPD 08	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1009.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0730 B	28560		2235	14718
218	0005	0732	28555		2234	14720
218	0010	0727	28556		2235	14719
218	0020	0751	29102		2274	14737
218	0030	0801	28642		2232	14752
218	0050	0887	29692		2301	14802
218	0075	0892	30066		2330	14813
218	0100	0888	30289		2348	14818
218	0150	0893	30492		2363	14831
218	0200	0905	30673		2375	14846
218	0250	0909	30866		2390	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28560		2235	14718	0000	00000	5501
0010	0727	28556		2235	14719	0055	00003	5500
0020	0751	29102		2274	14737	0108	00011	5121
0030	0801	28642		2232	14752	0162	00025	5531
0050	0887	29692		2301	14802	0266	00067	4867
0075	0892	30066		2330	14813	0385	00142	4600
0100	0888	30289		2348	14818	0498	00243	4431
0125	0889	3041 D		2357	14824	0609	00370	4344
0151	0893	30492		2363	14831	0717	00523	4294
0176	0899	30583		2369	14838	0824	00701	4240
0201	0905	30673		2375	14846	0930	00904	4185
0226	0908	30769		2382	14852	1034	01131	4121
0251	0909	30866		2390	14858	1137	01381	4055

C-REF-NO 001	YR 1968	DEPTH 329	WAVES 1 113X	AIR T	VIS 7
CONS. NO 003	MONTH 1	MXSAMPD 03	WAVES 2 113X	WET B	STN 3
LAT 49-266N	DAY 08	NO.DPTH 12	WND-DIR 110	WW-CODE	
LON 124-200W	HR 23.1	W-COLOR	WND-SPD 09	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
231	0000	0690 B	28340	665	2222	14699
231	0005	0683	28333	662	2223	14697
231	0010	0679	28330	663	2223	14697
231	0020	0680	28338	665	2223	14699
231	0030	0753	28682	614	2241	14734
231	0050	0876	29684	458	2302	14798
231	0075	0897	30053	447	2328	14814
231	0100	0901	30294	435	2346	14823
231	0150	0893	30497	412	2363	14831
231	0200	0911	30746	335	2380	14849
231	0250	0912	30903	303	2392	14860
231	0300	0907	31056	274	2405	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28340	665	2222	14699	0000	00000	5617
0010	0679	28330	663	2223	14697	0056	00003	5613
0020	0680	28338	665	2223	14699	0113	00012	5607
0030	0753	28682	614	2241	14734	0168	00026	5439
0050	0876	29684	458	2302	14798	0271	00067	4857
0075	0897	30053	447	2328	14814	0390	00143	4616
0100	0901	30294	435	2346	14823	0504	00244	4446
0125	0897	3039 I	427	2355	14827	0615	00372	4368
0151	0893	30497	412	2363	14831	0723	00525	4290
0176	0901	3062 B	374 B	2372	14840	0830	00702	4211
0201	0911	30746	335	2380	14849	0935	00903	4140
0226	0913	30830	316	2386	14855	1038	01128	4084
0251	0912	30903	303	2392	14860	1140	01376	4032
0301	0907	31056	274	2405	14868	1340	01938	3919

C-REF-NO 001	YR 1968	DEPTH 338	WAVES 1 123X	AIR T	VIS 7
CONS. NO 004	MONTH 1	MXSAMPD 03	WAVES 2 123X	WET B	STN 4
LAT 49-244N	DAY 09	NO.DPTH 12	WND-DIR 120	WW-CODE 02	
LON 124-221W	HR 00.4	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0000	0680 B	28393		2228	14696
004	0005	0692	28383		2225	14702
004	0010	0688	28396		2227	14701
004	0020	0687	28397		2227	14702
004	0030	0774	28765		2245	14743
004	0050	0882	28735		2227	14788
004	0075	0901	30094		2331	14816
004	0100	0892	30273		2346	14819
004	0150	0894	30502		2363	14831
004	0200	0906	30721		2379	14847
004	0250	0913	30883		2390	14860
004	0300	0903	31100		2409	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28393		2228	14696	0000	00000	5566
0010	0688	28396		2227	14701	0056	00003	5574
0020	0687	28397		2227	14702	0112	00011	5572
0030	0774	28765		2245	14743	0167	00025	5405
0050	0882	28735		2227	14788	0277	00071	5572
0075	0901	30094		2331	14816	0404	00151	4591
0100	0892	30273		2346	14819	0518	00252	4449
0125	0891	3039 B		2356	14825	0628	00379	4357
0151	0894	30502		2363	14831	0737	00532	4288
0176	0900	30616		2371	14839	0844	00709	4216
0201	0906	30721		2379	14847	0949	00911	4150
0226	0911	3080 B		2384	14854	1053	01136	4103
0251	0913	30883		2390	14860	1155	01385	4048
0301	0903	31100		2409	14867	1355	01946	3881

C-REF-NO 001	YR 1968	DEPTH 320	WAVES 1 161X	AIR T	VIS 7
CONS. NO 005	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 5
LAT 49-273N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE	
LON 124-306W	HR 01.4	W-COLOR	WND-SPD 03	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	0700 B	28551		2238	14706
014	0005	0709	28520		2234	14710
014	0010	0706	28523		2235	14710
014	0020	0716	28576		2238	14716
014	0030	0776	28846		2251	14745
014	0050	0876	29683		2302	14798
014	0075	0910	30045		2325	14819
014	0099	0921	30046		2324	14827
014	0149	0895	30451		2359	14831
014	0199	0916	30714		2377	14850
014	0249	0914	30830		2386	14859
014	0298	0908	31038		2403	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	28551		2238	14706	0000	00000	5471
0010	0706	28523		2235	14710	0055	00003	5500
0020	0716	28576		2238	14716	0110	00011	5472
0030	0776	28846		2251	14745	0164	00025	5346
0050	0876	29683		2302	14798	0267	00066	4858
0075	0910	30045		2325	14819	0386	00142	4640
0100	0921	30052		2324	14827	0503	00247	4654
0125	0909 C	3025 I		2342	14830	0617	00379	4488
0151	0895	30458		2360	14831	0728	00534	4323
0176	0904 B	30606		2370	14841	0835	00713	4230
0201	0916	30717		2377	14850	0941	00915	4168
0226	0917	3077 C		2382	14856	1045	01142	4129
0251	0914	30834		2386	14859	1148	01393	4086
*0301	0908	31048		2404	14868	1350	01959	3926

C-REF-NO 001	YR 1968	DEPTH 190	WAVES 1 133X	AIR T	VIS 7
CONS. NO 006	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 6
LAT 49-305N	DAY 09	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LON 124-277W	HR 02.3	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0680 B	28451	661	2232	14697
023	0005	0695	28418	649	2228	14703
023	0010	0691	28417	656	2228	14702
023	0020	0754	28622	618	2236	14732
023	0030	0777	28899	576	2255	14746
023	0050	0843	29344	468	2281	14781
023	0075	0901	29899	389	2315	14814
023	0100	0919	30202	381	2336	14829
023	0150	0909	30631	360	2371	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. FN	SVA
0000	0680 B	28451	661	2232	14697	0000	00000	5523
0010	0691	28417	656	2228	14702	0056	00003	5561
0020	0754	28622	618	2236	14732	0111	00011	5484
0030	0777	28899	576	2255	14746	0165	00025	5308
0050	0843	29344	468	2281	14781	0269	00067	5065
0075	0901	29899	389	2315	14814	0392	00146	4736
0100	0919	30202	381	2336	14829	0509	00249	4540
0125	0923	3045 C	367	2356	14838	0620	00378	4361
0151	0909	30631	360	2371	14839	0728	00529	4215



C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 113X	AIR T	VIS 7
CONS. NO 007	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 7
LAT 49-344N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-242W	HR 03.2	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	0690 B	28485		2234	14701
032	0005	0710	28502		2232	14710
032	0010	0705	28508		2234	14709
032	0020	0703	28511		2234	14710
032	0030	0703	28521		2235	14712
032	0050	0778	28944		2258	14750
032	0075	0901	29925		2317	14814
032	0100	0911	30301		2345	14827
032	0150	0908	30668		2374	14839
032	0200	0912 B	30747		2380	14849
032	0250	0919	30803		2383	14861
032	0320	0917	30838		2386	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28485		2234	14701	0000	00000	5509
0010	0705	28508		2234	14709	0055	00003	5510
0020	0703	28511		2234	14710	0110	00011	5506
0030	0703	28521		2235	14712	0166	00025	5499
0050	0778	28944		2258	14750	0274	00069	5278
0075	0901	29925		2317	14814	0399	00149	4716
0100	0911	30301		2345	14827	0514	00251	4456
0125	0911	3053 C		2363	14834	0624	00377	4286
0151	0908	30668		2374	14839	0731	00527	4186
0176	0909	3072 D		2379	14844	0835	00701	4148
0201	0912 B	30747		2380	14849	0939	00901	4141
0226	0916	30778		2382	14855	1043	01127	4127
0251	0919	30803		2383	14861	1147	01379	4117
0301	0919	30833		2386	14869	1353	01961	4101

C-REF-NO 001	YR 1968	DEPTH 340	WAVES 1 133X	AIR T	VIS 7
CONS. NO 008	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 8
LAT 49-393N	DAY 09	NO.DPTH 12	WND-DIR 130	WW-CODE 83	
LON 124-330W	HR 04.3	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0660 B	28528		2241	14690
043	0005	0708	28523		2234	14710
043	0010	0704	28522		2235	14709
043	0020	0701	28519		2235	14709
043	0030	0701	28521		2235	14711
043	0049	0735	28732		2247	14730
043	0074	0918	30078		2327	14822
043	0099	0910	30381		2352	14827
043	0148	0907	30567		2367	14837
043	0197	0916	30696		2375	14850
043	0246	0920 B	30764		2380	14860
043	0316	0918	30829		2385	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28528		2241	14690	0000	00000	5442
0010	0704	28522		2235	14709	0055	00003	5498
0020	0701	28519		2235	14709	0110	00011	5496
0030	0701	28521		2235	14711	0165	00025	5497
0050	0743	2878 I		2251	14734	0274	00070	5351
0075	0919	3010 B		2328	14824	0399	00148	4612
0100	0910	30388		2352	14828	0512	00249	4389
0125	0907	3048 I		2360	14832	0621	00375	4320
0151	0907	30573		2367	14837	0729	00526	4255
0176	0912	30645		2372	14844	0835	00703	4212
0201	0916	30701		2376	14850	0941	00906	4181
0226	0919	30740		2378	14856	1046	01134	4161
0251	0920 B	30769		2380	14861	1150	01387	4144
0301	0919	30819		2384	14869	1358	01972	4113

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 1323	AIR T	VIS 7
CONS. NO 009	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 9
LAT 49-355N	DAY 09	NO.DPTH 9	WND-DIR 120	WW-CODE 01	
LON 124-386W	HR 05.3	W-COLOR	WND-SPD 09	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0500 B	28900	565	2287	14629
053	0005	0767	28859	577	2253	14738
053	0010	0764	28865	577	2254	14737
053	0020	0765	28884	537	2255	14739
053	0030	0792	29027	526	2263	14754
053	0050	0815	29231	494	2276	14768
053	0075	0884	29856	402	2315	14807
053	0100	0920	30125	381	2330	14828
053	0150	0920	30681	325	2373	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0500 B	28900	565	2287	14629	0000	00000	4994
0010	0764	28865	577	2254	14737	0052	00003	5314
0020	0765	28884	537	2255	14739	0105	00011	5303
0030	0792	29027	526	2263	14754	0158	00024	5231
0050	0815	29231	494	2276	14768	0262	00067	5111
0075	0884	29856	402	2315	14807	0385	00145	4744
0100	0920	30125	381	2330	14828	0503	00250	4599
0125	0933	3040 I	351	2350	14840	0616	00380	4415
0151	0920	30681	325	2373	14843	0724	00532	4195

C-REF-NO 001	YR 1968	DEPTH 91	WAVES 1 1123	AIR T	VIS 7
CONS. NO 010	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 10
LAT 49-407N	DAY 09	NO.DPTH 7	WND-DIR 110	WW-CODE 83	
LON 124-474W	HR 06.3	W-COLOR	WND-SPD 09	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0740 B	28657		2241	14723
063	0005	0743	28668		2241	14726
063	0010	0744	28708		2244	14727
063	0020	0812	29291		2281	14763
063	0030	0844	29548		2296	14780
063	0049	0858	29769		2312	14792
063	0074	0884	29931		2320	14808

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	28657		2241	14723	0000	00000	5440
0010	0744	28708		2244	14727	0054	00003	5407
0020	0812	29291		2281	14763	0107	00011	5059
0030	0844	29548		2296	14780	0157	00023	4911
0050	0859	29779		2312	14792	0254	00063	4762
*0075	0885	29933		2321	14808	0373	00139	4687

C-REF-NO 001	YR 1968	DEPTH 311	WAVES 1 1124	AIR T	VIS 7
CONS. NO 011	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 11
LAT 49-425N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-433W	HR 07.1	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0680 B	28617		2245	14699
071	0005	0718	28572		2237	14714
071	0010	0712	28570		2238	14713
071	0019	0711	28567		2237	14714
071	0029	0714	28582		2238	14717
071	0048	0812	29053		2262	14765
071	0072	0918	30084		2327	14822
071	0097	0919	30263		2341	14829
071	0145	0923	30539		2362	14842
071	0193	0921	30688		2374	14851
071	0241	0922	30775		2381	14860
071	0280	0919	30821		2385	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28617		2245	14699	0000	00000	5399
0010	0712	28570		2238	14713	0055	00003	5471
0020	0710	28564		2237	14714	0109	00011	5474
0030	0718	28596		2239	14719	0164	00025	5460
0050	0823	2913 I		2267	14770	0271	00069	5191
0075	0921	3010 I		2328	14824	0394	00146	4612
0100	0919	30283		2343	14830	0508	00248	4480
0125	0922	30437		2354	14837	0619	00376	4373
0151	0923	30559		2364	14843	0728	00529	4288
0176	0922	30643		2370	14848	0835	00707	4229
0201	0921	30704		2375	14852	0941	00910	4187
0226	0922	30751		2379	14857	1046	01138	4156
0251	0922	30788		2382	14862	1150	01391	4133

C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 1123	AIR T	VIS 7
CONS. NO 012	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 12
LAT 49-436N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-407W	HR 08.0	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0670 B	28478	658	2236	14693
080	0005	0695	28468	647	2232	14704
080	0010	0691	28468	642	2232	14703
080	0020	0693	28483	638	2233	14706
080	0030	0705	28523	637	2235	14713
080	0050	0716	28584	614	2238	14721
080	0075	0919	30122	380	2330	14824
080	0099	0919	30329	384	2346	14830
080	0149	0910	30587	364	2368	14838
080	0198	0920	30758	306	2379	14852
080	0248	0921	30809	300	2383	14861
080	0328	0915	30887	287	2390	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	28478	658	2236	14693	0000	00000	5492
0010	0691	28468	642	2232	14703	0055	00003	5523
0020	0693	28483	638	2233	14706	0111	00011	5514
0030	0705	28523	637	2235	14713	0166	00025	5499
0050	0716	28584	614	2238	14721	0276	00070	5469
0075	0919	30122	380	2330	14824	0402	00150	4597
0100	0919	30336	384	2347	14830	0516	00251	4441
0125	0914	3048 B	378	2359	14834	0626	00378	4329
0151	0910	30591	363	2368	14838	0733	00529	4246
0176	0915	30690	332	2375	14846	0839	00705	4183
0201	0920	30761	305	2380	14853	0944	00906	4143
0226	0921	3079 B	300	2382	14858	1048	01132	4124
0251	0921	30811	299	2384	14862	1151	01383	4115
0301	0918	30865	290	2388	14870	1357	01963	4078

C-REF-NO 001	YR 1968	DEPTH 243	WAVES 1 113X	AIR T	VIS 5
CONS. NO 013	MONTH 1	MXSAMPD 02	WAVES 2 111X	WET B	STN 13
LAT 49-553N	DAY 09	NO.DPTH 11	WND-DIR 110	WW-CODE 73	
LON 124-552W	HR 09.9	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0680 B	28281		2219	14695
099	0005	0686	28396		2227	14699
099	0010	0681	28302		2220	14697
099	0020	0687	28373		2225	14702
099	0030	0701	28457		2230	14710
099	0050	0741	28790		2251	14734
099	0075	0876	29844		2315	14804
099	0100	0926	30298		2343	14833
099	0150	0923	30638		2370	14844
099	0200	0921	30742		2378	14853
099	0220	0920	30771		2381	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28281		2219	14695	0000	00000	5650
0010	0681	28302		2220	14697	0057	00003	5636
0020	0687	28373		2225	14702	0113	00012	5589
0030	0701	28457		2230	14710	0169	00026	5544
0050	0741	28790		2251	14734	0278	00070	5346
0075	0876	29844		2315	14804	0405	00150	4742
0100	0926	30298		2343	14833	0520	00253	4479
0125	0933 C	3046 I		2355	14841	0631	00381	4368
0151	0923	30638		2370	14844	0739	00533	4231
0176	0922	3070 C		2375	14849	0845	00708	4181
0201	0921	30742		2378	14853	0950	00909	4158

C-REF-NO 001	YR 1968	DEPTH 316	WAVES 1 132X	AIR T	VIS 4
CONS. NO 014	MONTH 1	MXSAMPD 03	WAVES 2 132X	WET B	STN 14
LAT 49-529N	DAY 09	NO.DPTH 12	WND-DIR 130	WW-CODE 73	
LON 124-594W	HR 10.9	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
109	0000	0680 B	28502	627	2236	14698
109	0005		28487	622		
109	0010		28507	618		
109	0020		28700	583		
109	0030		28879	553		
109	0050		29234	485		
109	0074	0823	29461	460	2293	14786
109	0099	0921	30127	364	2330	14836
109	0149	0914	30509	340	2361	14847
109	0199	0918	30692	309	2375	14859
109	0249	0919	30768	292	2380	14868
109	0289	0913	30813	286	2385	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28502	627	2236	14698	0000	00000	5484
0010	0694 C	28507	618	2235	14705	0055	00003	5498
0020	0719 I	28700	583	2247	14719	0110	00011	5383
0030	0738 I	28879	553	2258	14730	0163	00025	5273
0050	0777 I	29234	485	2281	14753	0267	00067	5059
0075	0827	2948 B	456	2294	14780	0392	00147	4941
0100	0922	3014 B	362	2331	14829	0512	00254	4590
0125	0917 I	3032 I	338 C	2346	14834	0625	00384	4451
0151	0914	30514	339	2361	14839	0735	00538	4308
0176	0916	3062 B	323	2370	14845	0843	00717	4234
0201	0918	30694	309	2375	14851	0949	00920	4188
0226	0919	30740	299	2378	14856	1053	01148	4162
0251	0919	30769	292	2381	14860	1158	01402	4142



C-REF-NO 001	YR 1968	DEPTH 110	WAVES 1 132X	AIR T	VIS 4
CONS. NO 015	MONTH 1	MXSAMPD 01	WAVES 2 132X	WET B	STN 15
LAT 49-516N	DAY 09	NO.DPTH 8	WND-DIR 130	WW-CODE 73	
LON 125-018W	HR 12.1	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD-SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0740 B	29015		2269	14728
121	0005	0763	29024		2267	14738
121	0010	0764	29051		2269	14740
121	0020	0772	29145		2275	14746
121	0030	0781	29201		2278	14751
121	0050	0797	29303		2284	14762
121	0075	0834	29576		2300	14784
121	0090	0866	29790		2312	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29015		2269	14728	0000	00000	5172
0010	0764	29051		2269	14740	0052	00003	5175
0020	0772	29145		2275	14746	0104	00011	5116
0030	0781	29201		2278	14751	0155	00024	5087
0050	0797	29303		2284	14762	0256	00065	5034
0075	0834	29576		2300	14784	0381	00144	4983

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 3623	AIR T	VIS 4
CONS. NO 016	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 16
LAT 49-573N	DAY 09	NO.DPTH 9	WND-DIR 360	WW-CODE 73	
LON 125-075W	HR 13.5	W-COLOR	WND-SPD 08	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 985.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0700 B	28785	600	2256	14709
135	0005	0734	28858	570	2257	14724
135	0010	0758	28949	556	2261	14736
135	0020	0766 B	29024	538	2266	14742
135	0030	0786	29200	513	2277	14753
135	0050	0790	29256	511	2281	14759
135	0075	0838	29602	455	2301	14786
135	0100	0928	30385	356	2349	14834
135	0125	0921	30606	329	2368	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	28785	600	2256	14709	0000	00000	5296
0010	0758	28949	556	2261	14736	0053	00003	5244
0020	0766 B	29024	538	2266	14742	0105	00011	5199
0030	0786	29200	513	2277	14753	0157	00024	5094
0050	0790	29256	511	2281	14759	0259	00066	5059
0075	0838	29602	455	2301	14786	0383	00145	4869
0100	0928	30385	356	2349	14834	0500	00249	4418
0125	0921	30606	329	2368	14839	0609	00374	4248

C-REF-NO 001	YR 1968	DEPTH 265	WAVES 1 3422	AIR T	VIS 4
CONS. NO 017	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 17
LAT 49-588N	DAY 09	NO.DPTH 11	WND-DIR 340	WW-CODE 73	
LON 125-043W	HR 14.2	W-COLOR	WND-SPD 08	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 984.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
142	0000	0660 B	28575		2244	14690
142	0005	0724	28700		2246	14718
142	0010	0718	28730		2249	14717
142	0020	0738	28813		2253	14728
142	0030	0756	28959		2262	14739
142	0050	0769	29087		2271	14749
142	0075	0812	29402		2289	14773
142	0100	0921	30320		2345	14831
142	0150	0923	30580		2365	14843
142	0200	0922	30703		2375	14853
142	0240	0918	30768		2381	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28575		2244	14690	0000	00000	5407
0010	0718	28730		2249	14717	0054	00003	5358
0020	0738	28813		2253	14728	0108	00011	5322
0030	0756	28959		2262	14739	0161	00024	5237
0050	0769	29087		2271	14749	0265	00067	5159
0075	0812	29402		2289	14773	0392	00148	4983
0100	0921	30320		2345	14831	0511	00253	4456
0125	0922 I	3045 I		2355	14837	0621	00381	4365
0151	0923	30580		2365	14843	0730	00533	4274
0176	0923	3065 B		2371	14848	0837	00711	4222
0201	0922	30703		2375	14853	0942	00913	4189
0226	0920	30748		2379	14856	1047	01141	4155

C-REF-NO 001	YR 1968	DEPTH 146	WAVES 1 3421	AIR T	VIS 4
CONS. NO 018	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 18
LAT 49-592N	DAY 09	NO.DPTH 9	WND-DIR 360	WW-CODE 73	
LON 124-589W	HR 15.0	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 983.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0490 B	27535		2181	14607
150	0005	0672	28161		2210	14691
150	0010	0678	28282		2219	14695
150	0020	0688	28459		2232	14703
150	0030	0692	28523		2236	14707
150	0050	0694	28564		2239	14712
150	0075	0892	29967		2322	14811
150	0100	0930	30342		2346	14835
150	0125	0921	30483		2358	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0490 B	27535		2181	14607	0000	00000	6016
0010	0678	28282		2219	14695	0058	00003	5648
0020	0688	28459		2232	14703	0115	00011	5526
0030	0692	28523		2236	14707	0170	00026	5485
0050	0694	28564		2239	14712	0279	00070	5457
0075	0892	29967		2322	14811	0407	00150	4673
0100	0930	30342		2346	14835	0521	00253	4453
0125	0921	30483		2358	14837	0632	00379	4339

C-REF-NO 001	YR 1968	DEPTH 274	WAVES 1 3621	AIR T	VIS 4
CONS. NO 019	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 19
LAT 50-012N	DAY 09	NO.DPTH 11	WND-DIR 360	WW-CODE 73	
LON 124-529W	HR 15.8	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0520 B	27850		2203	14624
158	0005	0651	28096		2208	14681
158	0010	0655	28145		2211	14684
158	0020	0660	28230		2217	14689
158	0030	0672	28303		2222	14697
158	0050	0813	29193		2273	14767
158	0075	0894	29913		2318	14811
158	0100	0906	30195		2338	14824
158	0150	0889	30460		2361	14829
158	0200	0875	30578		2372	14833
158	0250	0875	30612		2375	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0520 B	27850		2203	14624	0000	00000	5806
0010	0655	28145		2211	14684	0058	00003	5724
0020	0660	28230		2217	14689	0115	00012	5666
0030	0672	28303		2222	14697	0172	00026	5626
0050	0813	29193		2273	14767	0280	00070	5137
0075	0894	29913		2318	14811	0403	00148	4715
0100	0906	30195		2338	14824	0519	00252	4527
0125	0901	3036 D		2352	14828	0631	00380	4399
0151	0889	30460		2361	14829	0741	00534	4312
0176	0881	30533		2368	14831	0848	00713	4249
0201	0875	30578		2372	14833	0955	00917	4211
0226	0873	30607		2375	14837	1060	01147	4192
0251	0875	30612		2375	14842	1165	01403	4194

C-REF-NO 001	YR 1968	DEPTH 304	WAVES 1 1024	AIR T	VIS 7
CONS. NO 020	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 20
LAT 49-472N	DAY 09	NO.DPTH 12	WND-DIR 100	WW-CODE 26	
LON 124-323W	HR 17.9	W-COLOR	WND-SPD 10	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0720 B	27866	649	2181	14705
179	0005	0693	28161	633	2208	14699
179	0010	0689	28164	634	2209	14698
179	0020	0691	28190	635	2210	14701
179	0030	0697	28227	632	2213	14706
179	0050	0774	28720	551	2241	14746
179	0075	0929	30058	391	2324	14827
179	0100	0912	30235	423	2340	14826
179	0150	0922	30540	356	2362	14842
179	0200	0908	30742	290	2380	14848
179	0250	0893	30925	257	2397	14853
179	0280	0891	30977	251	2401	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27866	649	2181	14705	0000	00000	6009
0010	0689	28164	634	2209	14698	0059	00003	5749
0020	0691	28190	635	2210	14701	0117	00012	5731
0030	0697	28227	632	2213	14706	0174	00026	5712
0050	0774	28720	551	2241	14746	0286	00072	5440
0075	0929	30058	391	2324	14827	0412	00152	4659
0100	0912	30235	423	2340	14826	0528	00254	4506
0125	0915 B	30398	400 C	2352	14834	0639	00383	4394
0151	0922	30540	356	2362	14842	0748	00536	4301
0176	0917	30649	321	2371	14846	0855	00714	4217
0201	0908	30742	290	2380	14848	0960	00915	4138
0226	0900	3084 B	270	2389	14850	1063	01139	4055
0251	0893	30925	257	2397	14853	1165	01385	3987

C-REF-NO 001	YR 1968	DEPTH 333	WAVES 1 1623	AIR T	VIS 8
CONS. NO 021	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 21
LAT 49-437N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 01	
LON 124-219W	HR 18.8	W-COLOR	WND-SPD 07	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 982.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
188	0000	0710 B	28309		2217	14707
188	0005	0707	28280		2215	14706
188	0010	0703	28289		2217	14706
188	0020	0717	28381		2222	14714
188	0030	0747	28597		2235	14730
188	0050	0853	29416		2285	14785
188	0075	0904	30016		2324	14817
188	0100	0912	30275		2343	14827
188	0150	0908	30537		2364	14837
188	0200	0908	30725		2379	14848
188	0250	0897	30948		2398	14854
188	0300	0896	31034		2405	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	28309		2217	14707	0000	00000	5665
0010	0703	28289		2217	14706	0057	00003	5671
0020	0717	28381		2222	14714	0113	00012	5620
0030	0747	28597		2235	14730	0169	00026	5495
0050	0853	29416		2285	14785	0275	00068	5025
0075	0904	30016		2324	14817	0396	00146	4654
0100	0912	30275		2343	14827	0511	00248	4477
0125	0911	3043 D		2355	14833	0622	00375	4362
0151	0908	30537		2364	14837	0730	00528	4283
0176	0908	3063 B		2372	14842	0837	00706	4216
0201	0908	30725		2379	14848	0942	00907	4151
0226	0903	3084 C		2389	14851	1045	01131	4059
0251	0897	30948		2398	14854	1146	01377	3976
0301	0896	31034		2405	14863	1345	01936	3919

C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 1623	AIR T	VIS 8
CONS. NO 022	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 22
LAT 49-401N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 02	
LON 124-163W	HR 19.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 984.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0720 B	28215		2209	14710
197	0005	0699	28168		2208	14702
197	0010	0695	28168		2208	14701
197	0020	0700	28208		2211	14705
197	0030	0707	28239		2212	14710
197	0050	0840	29312		2279	14779
197	0075	0899	30000		2324	14814
197	0100	0892	30199		2340	14818
197	0150	0914	30509		2361	14839
197	0200	0907	30724		2379	14847
197	0250	0899	30980		2400	14856
197	0330	0905	31108		2409	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28215		2209	14710	0000	00000	5747
0010	0695	28168		2208	14701	0058	00003	5753
0020	0700	28208		2211	14705	0115	00012	5729
0030	0707	28239		2212	14710	0173	00026	5715
0050	0840	29312		2279	14779	0281	00070	5084
0075	0899	30000		2324	14814	0403	00148	4658
0100	0892	30199		2340	14818	0518	00250	4504
0125	0902 B	30367		2352	14828	0630	00379	4396
0151	0914	30509		2361	14839	0739	00532	4312
0176	0912	3062 B		2370	14844	0847	00711	4232
0201	0907	30724		2379	14847	0952	00913	4150
0226	0902	3085 C		2390	14851	1055	01137	4048
0251	0899	30980		2400	14856	1156	01381	3956
0301	0900	3109 B		2409	14866	1353	01936	3881



C-REF-NO 001	YR 1968	DEPTH 296	WAVES 1 162X	AIR T	VIS 8
CONS. NO 023	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 23
LAT 49-351N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 03	
LON 124-096W	HR 20.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0780 B	28811		2248	14741
207	0005	0776	28811		2248	14740
207	0010	0772	28812		2249	14740
207	0020	0771	28812		2249	14741
207	0030	0776	28834		2250	14745
207	0050	0866	29446		2285	14791
207	0075	0892	29893		2316	14810
207	0100	0890	30175		2339	14817
207	0150	0897	30455		2359	14832
207	0200	0908	30725		2379	14848
207	0250	0905	30957		2397	14858
207	0275	0902	31112		2410	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	28811		2248	14741	0000	00000	5375
0010	0772	28812		2249	14740	0054	00003	5364
0020	0771	28812		2249	14741	0108	00011	5364
0030	0776	28834		2250	14745	0161	00025	5355
0050	0866	29446		2285	14791	0266	00067	5020
0075	0892	29893		2316	14810	0388	00145	4728
0100	0890	30175		2339	14817	0504	00248	4518
0125	0892	3031 I		2349	14824	0616	00377	4422
0151	0897	30455		2359	14832	0726	00532	4327
0176	0903	30593		2369	14840	0834	00711	4238
0201	0908	30725		2379	14848	0939	00913	4151
0226	0908	3083 B		2388	14853	1042	01137	4071
0251	0905	30957		2397	14858	1144	01383	3982

C-REF-NO 001	YR 1968	DEPTH 424	WAVES 1 18X3	AIR T	VIS 8
CONS. NO 024	MONTH 1	MXSAMPD 04	WAVES 2 XX	WET B	STN 24
LAT 49-303N	DAY 09	NO.DPTH 13	WND-DIR 180	WW-CODE 26	
LON 124-059W	HR 21.9	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 987.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219	0000	0740 B	28530	631	2231	14722
219	0005	0745	28507	622	2228	14724
219	0010	0741	28506	622	2229	14724
219	0019	0737	28509	628	2230	14723
219	0029	0738	28523	631	2231	14726
219	0049	0869	29585	476	2296	14794
219	0073	0872	29929	479	2322	14803
219	0097	0877	30053	477	2331	14810
219	0146	0896	30434	412	2358	14830
219	0195	0905	30795	346	2385	14847
219	0243	0910	30986	279	2399	14859
219	0292	0907	31070	270	2406	14867
219	0390	0909	31139	266	2411	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	28530	631	2231	14722	0000	00000	5535
0010	0741	28506	622	2229	14724	0056	00003	5554
0020	0736	2850 B	630	2229	14723	0111	00011	5552
0030	0744 B	2857 I	624	2234	14729	0167	00026	5507
0050	0871	2961 B	474	2297	14795	0271	00068	4904
0075	0872	29943	479	2323	14804	0391	00144	4663
0100	0878	30074	474	2332	14812	0507	00248	4577
0125	0888	3026 C	445	2346	14822	0621	00378	4454
0151	0897	30467	407	2360	14832	0731	00533	4319
0176	0902	3065 B	373	2374	14840	0838	00710	4187
0201	0906	30821	338	2387	14848	0942	00909	4076
0226	0909	30930	301	2395	14855	1043	01130	4004
0251	0910	31002	276	2400	14860	1143	01373	3955
0301	0907	31082	268	2407	14868	1341	01929	3900

C-REF-NO 001	YR 1968	DEPTH 320	WAVES 1 16X3	AIR T	VIS 8
CONS. NO 025	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 25
LAT 49-277N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 03	
LON 124-076W	HR 22.9	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 988.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	0750 B	28581		2234	14726
229	0005	0752	28565		2232	14728
229	0010	0746	28564		2233	14726
229	0019	0747	28568		2233	14728
229	0029	0763	28681		2240	14738
229	0048	0861	29603		2298	14791
229	0072	0873	29862		2317	14802
229	0097	0872	30083		2334	14809
229	0145	0891	30384		2355	14828
229	0193	0907	30657		2374	14845
229	0242	0906	30855		2389	14855
229	0290	0903				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	28581		2234	14726	0000	00000	5510
0010	0746	28564		2233	14726	0055	00003	5517
0020	0748	28571		2233	14729	0111	00011	5515
0030	0768	2872 D		2243	14740	0165	00025	5426
0050	0865	2964 D		2301	14793	0269	00067	4870
0075	0873	29891		2319	14803	0389	00144	4703
0100	0873	30105		2336	14810	0505	00247	4546
0125	0882	3027 B		2347	14819	0618	00377	4440
0151	0893	30415		2357	14830	0728	00532	4351
0176	0902	30561		2367	14839	0836	00712	4260
0201	0907	30690		2376	14847	0942	00915	4176
0226	0907	30795		2384	14852	1046	01141	4103

C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 20X2	AIR T	VIS 6
CONS. NO 026	MONTH 1	MXSAMPD 02	WAVES 2 14X2	WET B	STN 26
LAT 49-143N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 67	
LON 123-509W	HR 00.8	W-COLOR	WND-SPD 08	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
008	0000	0680 B	28965		2272	14704
008	0005	0809	28941		2254	14755
008	0010	0807	28946		2255	14755
008	0020	0835	29239		2274	14771
008	0030	0847	29317		2278	14779
008	0050	0899	29990		2323	14810
008	0075	0906	30248		2342	14820
008	0100	0898	30412		2356	14823
008	0150	0903	30667		2375	14837
008	0200	0907	30790		2384	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28965		2272	14704	0000	00000	5138
0010	0807	28946		2255	14755	0052	00003	5309
0020	0835	29239		2274	14771	0105	00011	5129
0030	0847	29317		2278	14779	0156	00024	5088
0050	0899	29990		2323	14810	0254	00063	4662
0075	0906	30248		2342	14820	0369	00137	4484
0100	0898	30412		2356	14823	0480	00236	4354
0126	0899	30554		2367	14830	0588	00360	4254
0151	0903	30667		2375	14837	0694	00509	4180
0176	0905	30745		2381	14843	0798	00682	4128
0201	0907	30790		2384	14848	0901	00881	4101

C-REF-NO 001	YR 1968	DEPTH 366	WAVES 1 18X2	AIR T	VIS 6
CONS. NO 027	MONTH 1	MXSAMPD 03	WAVES 2 14X2	WET B	STN 27
LAT 49-190N	DAY 10	NO.DPTH 12	WND-DIR 180	WW-CODE	
LON 123-481W	HR 01.7	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	0690 B	28337	637	2222	14699
017	0005	0718	28336	640	2218	14711
017	0010	0712	28340	641	2220	14710
017	0020	0712	28343	638	2220	14712
017	0030	0714	28369	636	2222	14714
017	0050	0874	29548	486	2292	14795
017	0075	0865	29839	491	2316	14799
017	0100	0858	30208	482	2346	14806
017	0150	0896	30633	383	2373	14834
017	0200	0912	30893	303	2391	14851
017	0250	0908	31007	282	2401	14859
017	0340	0909	31130	271	2410	14876

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28337	637	2222	14699	0000	00000	5620
0010	0712	28340	641	2220	14710	0056	00003	5644
0020	0712	28343	638	2220	14712	0113	00012	5642
0030	0714	28369	636	2222	14714	0170	00026	5626
0050	0874	29548	486	2292	14795	0276	00069	4956
0075	0865	29839	491	2316	14799	0397	00146	4730
0100	0858	30208	482	2346	14806	0512	00249	4448
0125	0874 B	3045 D	438 B	2363	14819	0622	00375	4290
0151	0896	30633	383	2373	14834	0729	00525	4195
0176	0907	30782	338	2383	14844	0833	00698	4103
0201	0912	30893	303	2391	14851	0935	00894	4033
0226	0911	3096 B	288	2397	14856	1036	01113	3984
0251	0908	31007	282	2401	14859	1136	01355	3949
0301	0908	3109 B	269	2407	14869	1333	01910	3893

C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 1222	AIR T	VIS 7
CONS. NO 028	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 28
LAT 49-242N	DAY 10	NO.DPTH 8	WND-DIR 110	WW-CODE 01	
LON 123-454W	HR 02.7	W-COLOR	WND-SPD 04	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	0610 B	26568		2092	14644
027	0005	0616	26539		2089	14647
027	0010	0633	26864		2113	14659
027	0020	0683	27989		2196	14695
027	0030	0855	29436		2286	14783
027	0050	0850	29786		2314	14789
027	0075	0854	29993		2330	14797
027	0110	0868	30307		2352	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT,EN	SVA
0000	0610 B	26568		2092	14644	0000	00000	6862
0010	0633	26864		2113	14659	0068	00003	6664
0020	0683	27989		2196	14695	0131	00013	5873
0030	0855	29436		2286	14783	0185	00027	5009
0050	0850	29786		2314	14789	0283	00066	4745
0075	0854	29993		2330	14797	0400	00141	4600
0100	0863	3022 B		2346	14808	0514	00242	4446

C-REF-NO 001	YR 1968	DEPTH 174	WAVES 1 1822	AIR T	VIS 7
CONS. NO 029	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 29
LAT 49-236N	DAY 10	NO.DPTH 9	WND-DIR 180	WW-CODE 02	
LON 123-253W	HR 04.1	W-COLOR	WND-SPD 04	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	0570 B	25424	680	2007	14613
041	0005	0586	25454	693	2007	14620
041	0010	0587	25830	681	2037	14627
041	0020	0844	29046	527	2257	14772
041	0030	0889	29645	466	2297	14799
041	0050	0873	29807	466	2312	14798
041	0075	0866	29964	474	2326	14801
041	0100	0882	30160	452	2339	14814
041	0150	0901	30554	381	2366	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	25424	680	2007	14613	0000	00000	7686
0010	0587	25830	681	2037	14627	0075	00004	7395
0020	0844	29046	527	2257	14772	0139	00013	5285
0030	0889	29645	466	2297	14799	0190	00026	4902
0050	0873	29807	466	2312	14798	0287	00065	4762
0075	0866	29964	474	2326	14801	0405	00141	4638
0100	0882	30160	452	2339	14814	0520	00243	4518
0125	0892	30354	422	2352	14824	0632	00372	4392
0151	0901	30554	381	2366	14835	0741	00525	4260

C-REF-NO 001	YR 1968	DEPTH 247	WAVES 1 1422	AIR T	VIS 7
CONS. NO 030	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 30
LAT 49-253N	DAY 10	NO.DPTH 11	WND-DIR 140	WW-CODE 03	
LON 123-223W	HR 04.8	W-COLOR	WND-SPD 03	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0570 B	25598		2020	14615
048	0005	0579	25498		2012	14618
048	0010	0574	25707		2028	14620
048	0020	0863	29178		2265	14781
048	0030	0877 B	29658		2300	14794
048	0050	0904	29912		2316	14811
048	0075	0896	29982		2323	14813
048	0100	0900	29178		2259	14808
048	0150	0898	30652		2375	14835
048	0200	0903	30930		2396	14848
048	0220	0906	30974		2398	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0570 B	25598		2020	14615	0000	00000	7554
0010	0574	25707		2028	14620	0075	00004	7476
0020	0863	29178		2265	14781	0139	00013	5213
0030	0877 B	29658		2300	14794	0189	00026	4875
0050	0904	29912		2316	14811	0286	00065	4728
0075	0896	29982		2323	14813	0404	00140	4667
0100	0900	29178		2259	14808	0528	00253	5275
0125	0899	2991 I		2317	14822	0654	00397	4730
0151	0898	30652		2375	14835	0766	00553	4183
0176	0900	3079 I		2385	14841	0870	00726	4086
0201	0903	30930		2396	14848	0971	00920	3992



C-REF-NO 001	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS 7
CONS. NO 031	MONTH 1	MXSAMPD 02	WAVES 2	XX	WET B	STN 31
LAT 49-315N	DAY 10	NO.DPTH 10	WND-DIR 270	WW-CODE 73		
LON 123-272W	HR 06.4	W-COLOR	WND-SPD 01	CLD-TPE 8		
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 8	HW	

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0550 B	25660	679	2027	14607
064	0005	0565	25746	673	2032	14616
064	0010	0616 B	26290	661	2070	14644
064	0020	0826	28805	522	2241	14762
064	0030	0902	29540	466	2287	14802
064	0050	0902	29809	420	2308	14809
064	0075	0908	30040	407	2325	14818
064	0100	0917	30179	386	2335	14828
064	0150	0910	30629	331	2371	14839
064	0200	0910	30963	268	2397	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0550 B	25660	679	2027	14607	0000	00000	7488
0010	0616 B	26290	661	2070	14644	0073	00004	7078
0020	0826	28805	522	2241	14762	0136	00013	5441
0030	0902	29540	466	2287	14802	0188	00026	4998
0050	0902	29809	420	2308	14809	0286	00066	4802
0075	0908	30040	407	2325	14818	0405	00142	4641
0100	0917	30179	386	2335	14828	0520	00245	4555
0125	0915	3040 I	360	2353	14834	0633	00374	4389
0151	0910	30629	331	2371	14839	0741	00526	4218
0176	0910	30806	301	2385	14845	0845	00699	4090
0201	0910	30963	268	2397	14851	0946	00893	3978

C-REF-NO 001	YR 1968	DEPTH 230	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 032	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 32
LAT 49-388N	DAY 10	NO.DPTH 10	WND-DIR 180	WW-CODE 69	
LDN 123-144W	HR 07.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	0640 B	27185	383	2138	14664
077	0005	0664	27180	362	2134	14675
077	0010	0663	27209	343	2137	14676
077	0020	0798	28886	321	2251	14752
077	0030	0830	29312	316	2280	14772
077	0050	0880	29808	296	2311	14801
077	0075	0903	30030	244	2325	14816
077	0100	0897	30270	190	2345	14821
077	0150	0879	30318	126	2351	14823
077	0200	0874	30326	074	2353	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0640 B	27185	383	2138	14664	0000	00000	6429
0010	0663	27209	343	2137	14676	0064	00003	6437
0020	0798	28886	321	2251	14752	0124	00012	5343
0030	0830	29312	316	2280	14772	0176	00025	5069
0050	0880	29808	296	2311	14801	0275	00065	4771
0075	0903	30030	244	2325	14816	0393	00141	4642
0100	0897	30270	190	2345	14821	0507	00243	4458
0125	0888	3029 I	154	2348	14822	0619	00371	4431
0151	0879	30318	126	2351	14823	0729	00527	4404
0176	0875	3033 B	098	2353	14826	0840	00711	4390
0201	0874	30326	074	2353	14830	0950	00923	4397

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 20X2	AIR T	VIS 7
CONS. NO 033	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 33
LAT 49-326N	DAY 10	NO.DPTH 9	WND-DIR 200	WW-CODE 02	
LON 123-153W	HR 08.6	W-COLOR	WND-SPD .05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 994.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	0650 B	26481		2081	14659
086	0005	0620	26807		2110	14652
086	0010	0646	27121		2132	14667
086	0020	0788	28469		2220	14743
086	0030	0863	29459		2287	14787
086	0050	0850	29798		2315	14789
086	0075	0887	29976		2324	14810
086	0100	0892	30182		2339	14818
086	0140	0889	30550		2368	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	26481		2081	14659	0000	00000	6970
0010	0646	27121		2132	14667	0067	00003	6485
0020	0788	28469		2220	14743	0128	00012	5642
0030	0863	29459		2287	14787	0182	00026	5005
0050	0850	29798		2315	14789	0279	00066	4736
0075	0887	29976		2324	14810	0397	00141	4659
0100	0892	30182		2339	14818	0512	00244	4516
0125	0893	30406		2356	14825	0624	00372	4354

C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 19X1	AIR T	VIS 7
CONS. NO 034	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 34
LAT 49-306N	DAY 10	NO.DPTH 11	WND-DIR 190	WW-CODE 02	
LON 123-196W	HR 09.5	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 994.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0560 B	26034		2056	14616
095	0005	0555	26003		2054	14615
095	0010	0616	26742		2105	14650
095	0020		28585			
095	0030	0862	29399		2282	14787
095	0050	0835	29701		2310	14784
095	0075	0885	29946		2321	14810
095	0100	0902	30148		2335	14823
095	0150	0897	30526		2365	14834
095	0200	0899	30910		2395	14848
095	0220	0905	30971		2398	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0560 B	26034		2056	14616	0000	00000	7215
0010	0616	26742		2105	14650	0070	00003	6738
0020	0739 I	28585		2235	14725	0131	00013	5495
0030	0862	29399		2282	14785	0184	00026	5048
0050	0835	29701		2310	14782	0283	00066	4788
0075	0885	29946		2321	14808	0402	00142	4678
0100	0902	30148		2335	14822	0517	00245	4556
0125	0902 B	30339		2350	14828	0630	00375	4418
0151	0897	30526		2365	14833	0739	00528	4276
0176	0896	3071 I		2380	14839	0845	00704	4135
0201	0899	30910		2395	14847	0947	00900	4000

C-REF-NO 001	YR 1968	DEPTH 243	WAVES 1 15X1	AIR T	VIS 7
CONS. NO 035	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 35
LAT 49-239N	DAY 10	NO.DPTH 11	WND-DIR 150	WW-CODE 03	
LON 123-175W	HR 11.0	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
110	0000	0610 B	26247	672	2067	14640
110	0005	0622	26395	661	2077	14647
110	0010	0642	26588	649	2090	14659
110	0020	0741	27845	578	2177	14717
110	0030	0826	29119	522	2265	14768
110	0049	0814	29636	535	2307	14773
110	0074	0836	29871	511	2323	14789
110	0098	0875	30062	462	2332	14810
110	0148	0883	30418	415	2359	14826
110	0197	0893	30828	335	2389	14843
110	0217	0903	30926	308	2395	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26247	672	2067	14640	0000	00000	7105
0010	0642	26588	649	2090	14659	0070	00004	6881
0020	0741	27845	578	2177	14717	0135	00013	6051
0030	0826	29119	522	2265	14768	0191	00027	5207
0050	0814	29651	535	2309	14773	0292	00068	4798
0075	0838	29879	509	2323	14790	0410	00144	4661
0100	0876	30076	460	2333	14811	0526	00247	4572
0125	0885 B	3025 B	434 B	2345	14821	0640	00378	4457
0151	0883	30436	412	2360	14826	0750	00532	4322
0176	0887	3065 D	372	2376	14835	0857	00710	4168
0201	0894	30845	331	2390	14844	0960	00907	4042

C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 19X2	AIR T	VIS 8
CONS. NO 036	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 36
LAT 49-190N	DAY 10	NO.DPTH 8	WND-DIR 190	WW-CODE 01	
LON 123-199W	HR 11.7	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0640 B	26245	683	2064	14652
117	0005	0640	26135	686	2055	14651
117	0010	0652	26277	664	2065	14659
117	0020	0712	27536	602	2157	14701
117	0030	0802	29061	552	2264	14758
117	0050	0811	29744	541	2316	14773
117	0075	0821	29814	533	2320	14782
117	0100	0834	29975	519	2331	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	26245	683	2064	14652	0000	00000	7138
0010	0652	26277	664	2065	14659	0071	00004	7126
0020	0712	27536	602	2157	14701	0138	00014	6247
0030	0802	29061	552	2264	14758	0196	00028	5219
0050	0811	29744	541	2316	14773	0296	00068	4723
0075	0821	29814	533	2320	14782	0414	00144	4687
0100	0834	29975	519	2331	14793	0530	00248	4589

C-REF-NO 001	YR 1968	DEPTH 223	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 037	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 37
LAT 49-136N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 03	
LON 123-208W	HR 12.7	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 996.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	0660 B	27928		2194	14682
127	0005	0685	27887		2187	14692
127	0010	0681	27895		2188	14692
127	0020	0739	28416		2222	14723
127	0030	0826	29352		2284	14771
127	0049	0861	29732		2308	14792
127	0074	0800	29803		2322	14774
127	0098	0860	30066		2335	14804
127	0148	0852	30560		2374	14816
127	0197	0901	30919		2395	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27928		2194	14682	0000	00000	5893
0010	0681	27895		2188	14692	0059	00003	5942
0020	0739	28416		2222	14723	0117	00012	5620
0030	0826	29352		2284	14771	0171	00025	5034
0050	0859	2973 B		2309	14792	0269	00065	4793
0075	0802	29812		2323	14775	0388	00141	4663
0100	0861	30088		2336	14805	0504	00244	4542
0125	0856 I	30345		2357	14811	0615	00372	4346
0151	0853	30577		2375	14817	0722	00523	4174
0176	0875	30772		2387	14832	0826	00695	4063

C-REF-NO 001	YR 1968	DEPTH 311	WAVES 1 20X3	AIR T	VIS 8
CONS. NO 038	MONTH 1	MXSAMPD 03	WAVES 2 20X2	WET B	STN 38
LAT 49-120N	DAY 10	NO.DPTH 12	WND-DIR 200	WW-CODE 01	
LON 123-264W	HR 13.7	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 996.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0660 B	27909		2192	14682
137	0005	0691	27896		2187	14695
137	0010	0685	27901		2188	14693
137	0020	0688	27921		2190	14696
137	0030	0807	28857		2248	14757
137	0050	0793	29598		2307	14765
137	0074	0791	29747		2319	14770
137	0099	0800	29890		2329	14779
137	0149	0847	30465		2368	14813
137	0198	0912	30914		2393	14851
137	0248	0910	31009		2401	14860
137	0287	0910	31037		2403	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27909		2192	14682	0000	00000	5907
0010	0685	27901		2188	14693	0059	00003	5942
0020	0688	27921		2190	14696	0119	00012	5930
0030	0807	28857		2248	14757	0176	00027	5378
0050	0793	29598		2307	14765	0278	00068	4809
0075	0791	29752		2320	14770	0397	00144	4693
0100	0801	29900		2330	14780	0514	00248	4599
0125	0821	3018 I		2350	14795	0627	00378	4414
0151	0849	30476		2368	14814	0736	00531	4242
0176	0884 B	3073 C		2383	14835	0840	00705	4107
0201	0913	30922		2393	14852	0943	00901	4012
0226	0915 B	3099 D		2399	14858	1043	01119	3967
0251	0910	31012		2401	14860	1142	01361	3949



C-REF-NO 001	YR 1968	DEPTH 388	WAVES 1 2023	AIR T	VIS 8
CONS. NO 039	MONTH 1	MXSAMPD 04	WAVES 2 XX	WET B	STN 39
LAT 49-098N	DAY 10	NO.DPTH 13	WND-DIR 190	WW-CODE 01	
LON 123-330W	HR 14.6	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 997.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0000	0660 B	28005	665	2200	14683
146	0005	0688	27955	663	2192	14694
146	0010	0688	27974	660	2194	14696
146	0020	0767	28444	621	2221	14735
146	0030	0803	28891	578	2251	14756
146	0050	0861	29469	511	2288	14789
146	0075	0793	29821	550	2325	14771
146	0100	0878	30254	480	2347	14814
146	0150	0888	30568	386	2370	14830
146	0200	0907	30806	324	2385	14848
146	0250	0910	30924	303	2394	14859
146	0300	0909	31024	279	2402	14868
146	0360	0909	31095	270	2407	14879

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0660 B	28005	665	2200	14683	0000	00000	5835
0010	0688	27974	660	2194	14696	0059	00003	5890
0020	0767	28444	621	2221	14735	0117	00012	5634
0030	0803	28891	578	2251	14756	0172	00026	5347
0050	0861	29469	511	2288	14789	0275	00068	4996
0075	0793	29821	550	2325	14771	0396	00145	4644
0100	0878	30254	480	2347	14814	0510	00246	4442
0125	0883 I	3041 I	427	2358	14822	0621	00373	4337
0151	0888	30568	386	2370	14830	0728	00524	4230
0176	0898	30699	350	2378	14839	0834	00699	4151
0201	0907	30806	324	2385	14848	0937	00898	4089
0226	0910	3087 B	311	2390	14854	1039	01120	4048
0251	0910	30924	303	2394	14859	1141	01367	4014
0301	0909	31024	279	2402	14868	1341	01930	3946

C-REF-NO 001	YR 1968	DEPTH 139	WAVES 1 1923	AIR T	VIS 8
CONS. NO 040	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 40
LAT 49-087N	DAY 10	NO.DPTH 9	WND-DIR 180	WW-CODE 03	
LON 123-368W	HR 15.5	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 997.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	0750 B	28798		2251	14729
155	0005	0774	28797		2247	14739
155	0010	0776	28854		2252	14742
155	0020	0800	29089		2267	14756
155	0030	0843	29503		2293	14779
155	0050	0831	29811		2319	14782
155	0075	0898	30113		2333	14816
155	0100	0877	30139		2338	14812
155	0120	0881	30266		2347	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0750 B	28798		2251	14729	0000	00000	5347
0010	0776	28854		2252	14742	0054	00003	5338
0020	0800	29089		2267	14756	0106	00011	5194
0030	0843	29503		2293	14779	0157	00024	4944
0050	0831	29811		2319	14782	0254	00063	4700
0075	0898	30113		2333	14816	0370	00137	4573
0100	0877	30139		2338	14812	0485	00240	4527

C-REF-NO 001	YR 1968	DEPTH 205	WAVES 1 1822	AIR T	VIS 7
CONS. NO 041	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 41
LAT 49-003N	DAY 10	NO.DPTH 10	WND-DIR 170	WW-CODE 03	
LON 123-300W	HR 16.7	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
167	0000	0650 B	27890		2192	14677
167	0005	0679	27841		2184	14689
167	0010	0674	27837		2185	14688
167	0020	0788	29284		2284	14754
167	0030	0772	29493		2302	14752
167	0050	0792	29742		2319	14766
167	0075	0835	30079		2339	14791
167	0100	0855	30300		2354	14806
167	0150	0866	30541		2371	14821
167	0180	0892	30741		2382	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	27890		2192	14677	0000	00000	5911
0010	0674	27837		2185	14688	0060	00003	5977
0020	0788	29284		2284	14754	0115	00011	5033
0030	0772	29493		2302	14752	0164	00024	4858
0050	0792	29742		2319	14766	0260	00063	4700
0075	0835	30079		2339	14791	0376	00137	4509
0100	0855	30300		2354	14806	0487	00236	4376
0125	0860 B	3042 I		2362	14813	0596	00362	4297
0151	0866	30541		2371	14821	0703	00512	4220
0176	0887	30706		2380	14835	0808	00686	4131

C-REF-NO 001	YR 1968	DEPTH 329	WAVES 1 1722	AIR T	VIS 7
CONS. NO 042	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 42
LAT 49-017N	DAY 10	NO.DPTH 12	WND-DIR 160	WW-CODE 02	
LDN 123-263W	HR 17.5	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	0640 B	27844	653	2189	14673
175	0005	0681	28007	657	2197	14692
175	0010	0788	28853	591	2250	14746
175	0020	0781	29020	592	2264	14748
175	0030	0790	29256	580	2281	14756
175	0050	0790	29778	540	2322	14766
175	0075	0802	29983	506	2336	14777
175	0100	0797	30143	541	2349	14781
175	0150	0870	30576	410	2373	14823
175	0200	0890	30788	343	2386	14842
175	0250	0912	30955	296	2396	14860
175	0300	0909	30999	291	2400	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0640 B	27844	653	2189	14673	0000	00000	5933
0010	0788	28853	591	2250	14746	0057	00003	5354
0020	0781	29020	592	2264	14748	0110	00011	5220
0030	0790	29256	580	2281	14756	0161	00024	5058
0050	0790	29778	540	2322	14766	0259	00064	4670
0075	0802	29983	506	2336	14777	0374	00137	4536
0100	0797	30143	541	2349	14781	0487	00238	4412
0125	0830 D	3035 I	475 I	2362	14801	0596	00363	4300
0151	0870	30576	410	2373	14823	0703	00513	4199
0176	0883	3069 C	371	2380	14834	0808	00687	4131
0201	0890	30788	343	2386	14842	0911	00885	4077
0226	0902	30882	316	2392	14852	1013	01107	4030
0251	0912	30955	296	2396	14860	1113	01352	3995
0301	0909	30999	291	2400	14868	1314	01916	3965

C-REF-NO 001	YR 1968	DEPTH 229	WAVES 1 1823	AIR T	VIS 7
CONS. NO 043	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 43
LAT 49-033N	DAY 10	NO.DPTH 10	WND-DIR 160	WW-CODE 03	
LON 123-223W	HR 18.3	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	0650 B	28039		2203	14679
183	0005	0674	28012		2198	14690
183	0010	0690	28165		2209	14699
183	0020	0734	28475		2227	14722
183	0030	0761	29110		2274	14742
183	0050	0756	29589		2312	14750
183	0075	0772	29790		2325	14763
183	0100	0799	30063		2343	14781
183	0150	0843	30522		2373	14812
183	0200	0894	30802		2387	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	28039		2203	14679	0000	00000	5798
0010	0690	28165		2209	14699	0058	00003	5749
0020	0734	28475		2227	14722	0115	00012	5570
0030	0761	29110		2274	14742	0168	00025	5130
0050	0756	29589		2312	14750	0268	00065	4767
0075	0772	29790		2325	14763	0386	00141	4640
0100	0799	30063		2343	14781	0500	00243	4475
0125	0821	30311		2359	14797	0611	00370	4324
0151	0843	30522		2373	14812	0718	00520	4200
0176	0868	30684		2382	14828	0822	00694	4119
0201	0894	30802		2387	14843	0925	00891	4074

C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 1723	AIR T	VIS 7
CONS. NO 044	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 44
LAT 48-568N	DAY 10	NO.DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-058W	HR 19.7	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0660 B	28800	351	2262	14693
197	0005	0674	28766	375	2258	14699
197	0010	0703	29116	339	2281	14716
197	0020	0726	29339	353	2296	14730
197	0030	0736	29438	381	2303	14737
197	0050	0766	29630	332	2314	14754
197	0075	0784	29886	324	2331	14769
197	0100	0779	30320	296	2366	14777

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28800	351	2262	14693	0000	00000	5238
0010	0703	29116	339	2281	14716	0052	00003	5051
0020	0726	29339	353	2296	14730	0102	00010	4914
0030	0736	29438	381	2303	14737	0151	00023	4853
0050	0766	29630	332	2314	14754	0247	00062	4749
0075	0784	29886	324	2331	14769	0364	00137	4584
0100	0779	30320	296	2366	14777	0475	00236	4257

C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 20X3	AIR T	VIS 7
CONS. NO 045	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 45
LAT 48-540N	DAY 10	NO.DPTH 8	WND-DIR 200	WW-CODE 02	
LON 123-085W	HR 20.4	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	0540 B	28871	666	2281	14645
204	0005	0701	28855	646	2261	14711
204	0010	0696	28860	642	2262	14710
204	0020	0728	29283	612	2291	14730
204	0030	0731	29411	598	2301	14735
204	0050	0753	29688	573	2320	14750
204	0075	0779	29983	536	2339	14768
204	0100	0776 B	30243	538	2360	14774

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0540 B	28871	666	2281	14645	0000	00000	5056
0010	0696	28860	642	2262	14710	0052	00003	5235
0020	0728	29283	612	2291	14730	0103	00010	4958
0030	0731	29411	598	2301	14735	0152	00023	4866
0050	0753	29688	573	2320	14750	0248	00062	4688
0075	0779	29983	536	2339	14768	0363	00136	4505
0100	0776 B	30243	538	2360	14774	0474	00234	4310

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 19X2	AIR T	VIS 8
CONS. NO 046	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 46
LAT 48-517N	DAY 10	NO.DPTH 9	WND-DIR 190	WW-CODE 02	
LON 123-110W	HR 21.1	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
211	0000	0710 B	29162	638	2284	14718
211	0005	0715	29156	633	2283	14721
211	0010	0710	29156	636	2284	14720
211	0019	0711	29156	625	2284	14722
211	0029	0731	29409	618	2301	14734
211	0049	0760	29668	570	2317	14752
211	0073	0782	30007	535	2341	14769
211	0097	0786	30093	532	2347	14776
211	0145	0791	30598	485	2386	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	29162	638	2284	14718	0000	00000	5026
0010	0710	29156	636	2284	14720	0050	00003	5030
0020	0713	2917 B	624	2285	14723	0101	00010	5019
0030	0733	29426	616	2302	14735	0150	00023	4858
0050	0761	29684	568	2318	14753	0246	00062	4702
0075	0783	3001 B	534	2342	14770	0362	00135	4484
0100	0787	3011 B	530	2349	14777	0473	00235	4419
0126	0790	3038 I	508	2370	14786	0582	00360	4224



C-REF-NO 001	YR 1968	DEPTH- 190	WAVES 1 20X1	AIR T	VIS 8
CONS. NO 047	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 47
LAT 48-493N	DAY 10	NO.DPTH 9	WND-DIR 200	WW-CODE 03	
LON 123-062W	HR 21.8	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0690 B	28985		2273	14708
218	0005	0691 B	28967		2271	14709
218	0010	0683	28999		2275	14707
218	0020	0702	29301		2296	14720
218	0030	0745	29672		2320	14743
218	0050	0743	29729		2324	14747
218	0074	0764	29979		2341	14762
218	0099	0768	30191		2357	14770
218	0148	0839	30602		2379	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28985		2273	14708	0000	00000	5134
0010	0683	28999		2275	14707	0051	00003	5116
0020	0702	29301		2296	14720	0102	00010	4913
0030	0745	29672		2320	14743	0150	00023	4689
0050	0743	29729		2324	14747	0244	00061	4646
0075	0764	29988		2342	14762	0358	00134	4482
0100	0769	30200		2358	14771	0469	00233	4333
0126	0798	30413		2370	14789	0576	00356	4215
*0151	0843	30618		2380	14813	0681	00504	4129

C-REF-NO 001	YR 1968	DEPTH 192	WAVES 1 20X2	AIR T	VIS 6
CONS. NO 048	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 48
LAT 48-517N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 69	
LON 123-033W	HR 23.8	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0660 B	29041		2281	14697
238	0005	0668	28996		2276	14700
238	0010	0685	29242		2294	14711
238	0020	0749	29767		2327	14745
238	0030	0745	29793		2329	14745
238	0050	0743	29869		2335	14748
238	0074	0757	29966		2341	14759
238	0099	0757 B	30002		2344	14764
238	0149	0760	30447		2378	14779
238	0198	0761	30606		2391	14789

\*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	29041		2281	14697	0000	00000	5057
0010	0685	29242		2294	14711	0050	00003	4935
0020	0749	29767		2327	14745	0098	00010	4623
0030	0745	29793		2329	14745	0144	00022	4599
0050	0743	29869		2335	14748	0236	00059	4542
0075	0757	29967		2341	14759	0349	00132	4489
0100	0757 B	30010		2345	14764	0462	00232	4459
0126	0758	3023 I		2362	14771	0572	00358	4297
0151	0760	30452		2379	14779	0678	00507	4139
0176	0761	3055 B		2387	14785	0781	00679	4065
*0201	0761	30608		2391	14790	0883	00874	4029

C-REF-NO 001	YR 1968	DEPTH 146	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 049	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 49
LAT 48-547N	DAY 11	NO.DPTH 9	WND-DIR 180	WW-CODE 02	
LON 122-597W	HR 00.5	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	0700 B	29429	637	2306	14718
005	0005	0722	29407	627	2302	14727
005	0010	0717	29404	644	2302	14726
005	0020	0717	29403	643	2302	14727
005	0030	0713	29450	592	2306	14728
005	0050	0739	29600	613	2315	14743
005	0075	0769	30092	547	2349	14766
005	0100	0767 B	30258	538	2363	14771
005	0125	0761	30434	533	2377	14775

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29429	637	2306	14718	0000	00000	4813
0010	0717	29404	644	2302	14726	0048	00002	4852
0020	0717	29403	643	2302	14727	0097	00010	4855
0030	0713	29450	592	2306	14728	0146	00022	4814
0050	0739	29600	613	2315	14743	0242	00062	4737
0075	0769	30092	547	2349	14766	0356	00134	4411
0100	0767 B	30258	538	2363	14771	0466	00232	4287
0126	0761	30434	533	2377	14775	0572	00354	4151

C-REF-NO 001	YR 1968	DEPTH 22	WAVES 1 18X2	AIR T	VIS 6
CONS. NO 050	MONTH 1	MXSAMPD 00	WAVES 2 XX	WET B	STN 50
LAT 48-577N	DAY 11	NO.DPTH 4	WND-DIR 180	WW-CODE 02	
LON 122-561W	HR 01.2	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
012	0000	0620 B	29284		2305	14684
012	0005	0670	29276		2298	14704
012	0010	0665	29276		2299	14703
012	0015	0663	29274		2299	14703

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	29284		2305	14684	0000	00000	4830
0010	0665	29276		2299	14703	0049	00003	4887

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 2022	AIR T	VIS 7
CONS. NO 051	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 51
LAT 48-467N	DAY 11	NO-DPTH 9	WND-DIR 200	WW-CODE 02	
LON 122-519W	HR 02.8	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000		29506	640		
024	0005	0710	29508	633	2311	14723
024	0010	0738		592		
024	0020	0741	29800	584	2330	14743
024	0030	0742	29859	578	2335	14745
024	0050	0750	30075	539	2351	14755
024	0075	0764	30251	528	2362	14767
024	0100	0768	30464		2379	14775
024	0140	0760	30649	513	2394	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000		29506	640					
0010	0738	2960 I	592	2315	14737	0048	00002	4727
0020	0741	29800	584	2330	14742	0094	00010	4588
0030	0742	29859	578	2335	14745	0140	00021	4545
0050	0750	30075	539	2351	14754	0230	00058	4396
0075	0764	30251	528	2362	14766	0339	00127	4286
0100	0768	30464	517	2379	14774	0445	00222	4134
0126	0765	30597	513	2389	14779	0547	00340	4035

C-REF-NO 001	YR 1968	DEPTH 91	WAVES 1 2222	AIR T	VIS 7
CONS. NO 052	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 52
LAT 48-389N	DAY 11	NO.DPTH 7	WND-DIR 230	WW-CODE 01	
LON 122-434W	HR 03.3	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1070.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0700 B	29876	608	2341	14723
033	0005	0741	29849	587	2334	14740
033	0010	0737	29846	585	2334	14739
033	0020	0735	29845	586	2335	14740
033	0030	0737	29850	578	2335	14743
033	0050	0743	29916	578	2339	14749
033	0075	0756	30000	547	2344	14759

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29876	608	2341	14723	0000	00000	4478
0010	0737	29846	585	2334	14739	0045	00002	4546
0020	0735	29845	586	2335	14740	0091	00009	4546
0030	0737	29850	578	2335	14743	0137	00021	4546
0050	0743	29916	578	2339	14749	0227	00058	4506
0075	0756	30000	547	2344	14759	0340	00130	4462

C-REF-NO 001	YR 1968	DEPTH 73	WAVES 1 2222	AIR T	VIS 7
CONS. NO 053	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 53
LAT 48-332N	DAY 11	NO.DPTH 6	WND-DIR 230	WW-CODE 01	
LON 122-450W	HR 04.0	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	0720 B	29943		2344	14732
040	0005	0745	29915		2339	14743
040	0010	0742	29914		2339	14742
040	0020	0741	29929		2340	14744
040	0030	0743	29935		2341	14746
040	0060	0744	29935		2340	14751

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	29943		2344	14732	0000	00000	4452
0010	0742	29914		2339	14742	0045	00002	4501
0020	0741	29929		2340	14744	0090	00009	4491
0030	0743	29935		2341	14746	0135	00021	4489
0050	0744	29939		2341	14750	0225	00058	4490

C-REF-NO 001	YR 1968	DEPTH 77	WAVES 1 2622	AIR T	VIS 7
CONS. NO 054	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 54
LAT 48-267N	DAY 11	NO.DPTH 6	WND-DIR 260	WW-CODE 02	
LON 122-444W	HR 04.6	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0000	0680 B	29644	618	2326	14712
046	0005	0725	29644	610	2320	14731
046	0010	0722	29655	607	2321	14731
046	0020	0720	29668	606	2323	14732
046	0030	0724	29700	596	2325	14736
046	0060	0730	29823	588	2333	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	29644	618	2326	14712	0000	00000	4628
0010	0722	29655	607	2321	14731	0047	00002	4671
0020	0720	29668	606	2323	14732	0093	00010	4660
0030	0724	29700	596	2325	14736	0140	00022	4641
0050	0728	29776	588	2330	14741	0233	00059	4593



C-REF-NO	001	YR	1968	DEPTH	128	WAVES 1	2223	AIR T		VIS	8
CONS. NO	055	MONTH	1	MXSAMPD	01	WAVES 2	XX	WET B		STN	55
LAT	48-455N	DAY	11	NO.DPTH	8	WND-DIR	220	WW-CODE	01		
LON	122-586W	HR	06.6	W-COLOR		WND-SPD	04	CLO-TPE	8		
MARSD SQ	157	C/I	1815	W-TRNSP		BARO	1010.0	CLD-AMT	1	HW	

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0680 B	29717		2332	14713
066	0005	0728	29697		2324	14733
066	0010	0724	29704		2325	14732
066	0020	0726	29732		2327	14735
066	0030	0730	29781		2330	14739
066	0050	0747	30075		2351	14753
066	0075	0761	30269		2364	14765
066	0100	0767	30467		2379	14774

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	29717		2332	14713	0000	00000	4574
0010	0724	29704		2325	14732	0046	00002	4636
0020	0726	29732		2327	14735	0093	00010	4620
0030	0730	29781		2330	14739	0139	00021	4588
0050	0747	30075		2351	14753	0229	00058	4392
0075	0761	30269		2364	14765	0338	00127	4268
0100	0767	30467		2379	14774	0443	00222	4131

C-REF-NO 001	YR 1968	DEPTH 201	WAVES 1 2222	AIR T	VIS 8
CONS. NO 056	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 56
LAT 48-463N	DAY 11	NO.DPTH 10	WND-DIR 220	WW-CODE 02	
LON 123-015W	HR 07.2	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1011.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0750 B	29818	590	2330	14742
072	0005	0744	29775	584	2328	14740
072	0010	0748	29848	569	2333	14744
072	0020	0751	29936	574	2340	14748
072	0030	0752	29975	570	2342	14750
072	0050	0754	30026	556	2346	14755
072	0075	0764	30156	544	2355	14765
072	0100	0764 B	30650	512	2394	14775
072	0150	0758	30877	500	2412	14784
072	0180	0754	31239	453	2441	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	29818	590	2330	14742	0000	00000	4584
0010	0748	29848	569	2333	14744	0046	00002	4559
0020	0751	29936	574	2340	14748	0091	00009	4498
0030	0752	29975	570	2342	14750	0136	00021	4471
0050	0754	30026	556	2346	14755	0226	00057	4438
0075	0764	30156	544	2355	14765	0336	00128	4357
0100	0764 B	30650	512	2394	14775	0441	00221	3991
0126	0762 B	3076 I	507 B	2403	14780	0540	00335	3906
0151	0758	30877	500	2412	14784	0637	00472	3820
0176	0755	31171	462	2436	14790	0731	00627	3599

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 XX	AIR T	VIS 8
CONS. NO 057	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 57
LAT 48-439N	DAY 11	NO.DPTH 9	WND-DIR 190	WW-CODE 02	
LON 123-082W	HR 08.1	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1013.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0710 B	30011		2351	14729
081	0005	0747	29964		2342	14744
081	0010	0744	30003		2346	14744
081	0020	0743	30014		2347	14745
081	0030	0744	30015		2347	14748
081	0050	0750	30176		2358	14755
081	0075	0762	30539		2385	14769
081	0100	0755	31134		2433	14778
081	0140	0753	31515		2463	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30011		2351	14729	0000	00000	4390
0010	0744	30003		2346	14744	0044	00002	4438
0020	0743	30014		2347	14745	0089	00009	4430
0030	0744	30015		2347	14748	0133	00020	4431
0050	0750	30176		2358	14755	0221	00056	4320
0075	0762	30539		2385	14769	0327	00123	4068
0100	0755	31134		2433	14778	0423	00209	3618
0126	0753	3137 I		2452	14784	0512	00311	3443

C-REF-NO 001	YR 1968	DEPTH 326	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 058	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 58
LAT 48-429N	DAY 11	NO.DPTH 12	WND-DIR 200	WW-CODE 02	
LON 123-142W	HR 09.0	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	0720 B	29775		2331	14730
090	0005	0730	29822		2333	14735
090	0010	0727	29841		2335	14735
090	0020	0743	30256		2366	14749
090	0030	0744	30458		2381	14753
090	0050	0746	30895		2415	14763
090	0075	0752	30949		2419	14770
090	0100	0751	30989		2422	14774
090	0150	0749	31146		2435	14784
090	0200	0750	31324		2448	14795
090	0250	0753	31820		2487	14810
090	0300	0749	32105		2510	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	29775		2331	14730	0000	00000	4578
0010	0727	29841		2335	14735	0046	00002	4538
0020	0743	30256		2366	14749	0090	00009	4249
0030	0744	30458		2381	14753	0132	00020	4101
0050	0746	30895		2415	14763	0211	00052	3779
0075	0752	30949		2419	14770	0306	00112	3749
0100	0751	30989		2422	14774	0399	00196	3721
0126	0750	31060		2428	14779	0492	00303	3670
0151	0749	31146		2435	14784	0584	00432	3608
0176	0749	3121 D		2440	14789	0674	00582	3561
0201	0750	31324		2448	14795	0762	00752	3483
0226	0752	3157 I		2468	14803	0848	00937	3303
0251	0753	31820		2487	14810	0929	01134	3124
0302	0749	32105		2510	14821	1081	01561	2914

C-REF-NO 001	YR 1968	DEPTH 216	WAVES 1 19X1	AIR T	VIS 8
CONS. NO 059	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 59
LAT 48-376N	DAY 11	NO.DPTH 10	WND-DIR 190	WW-CODE 03	
LON 123-147W	HR 10.0	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0720 B	30110	583	2357	14734
100	0005	0732	30131	572	2357	14740
100	0010	0730	30142	563	2358	14740
100	0020	0733	30179	573	2361	14744
100	0030	0732	30192	569	2362	14745
100	0050	0732	30253	566	2367	14749
100	0075	0743	30426	538	2379	14760
100	0100	0751	31223	491	2440	14777
100	0150	0749	31684	450	2477	14791
100	0190	0748	31936	437	2497	14800

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30110	583	2357	14734	0000	00000	4328
0010	0730	30142	563	2358	14740	0043	00002	4316
0020	0733	30179	573	2361	14744	0087	00009	4294
0030	0732	30192	569	2362	14745	0130	00020	4284
0050	0732	30253	566	2367	14749	0215	00055	4240
0075	0743	30426	538	2379	14760	0320	00122	4128
0100	0751	31223	491	2440	14777	0417	00207	3548
0126	0751	3145 I	464	2458	14785	0504	00307	3379
0151	0749	31684	450	2477	14791	0587	00424	3208
0176	0749	3186 C	439	2491	14797	0666	00555	3075

C-REF-NO 001	YR 1968	DEPTH 307	WAVES 1 21X2	AIR T	VIS 8
CONS. NO 060	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 60
LAT 48-339N	DAY 11	NO.DPTH 11	WND-DIR 210	WW-CODE 03	
LON 123-128W	HR 11.0	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1018.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
110	0000	0720 B	30083		2355	14734
110	0005	0727	30138		2359	14738
110	0010	0727	30334		2374	14742
110	0020	0732	30549		2390	14748
110	0030	0736	30660		2398	14753
110	0050	0738	30744		2405	14758
110	0075	0744	30850		2412	14766
110	0100	0747	30921		2417	14772
110	0150	0744	31128		2434	14782
110	0200	0746	31447		2459	14795
110	0270	0749	31952		2498	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30083		2355	14734	0000	00000	4348
0010	0727	30334		2374	14742	0043	00002	4168
0020	0732	30549		2390	14748	0084	00008	4016
0030	0736	30660		2398	14753	0124	00019	3939
0050	0738	30744		2405	14758	0202	00051	3881
0075	0744	30850		2412	14766	0299	00112	3812
0100	0747	30921		2417	14772	0394	00198	3766
0126	0746	31012		2425	14777	0488	00306	3701
0151	0744	31128		2434	14782	0580	00435	3615
0176	0745	31278		2446	14788	0669	00584	3506
0201	0746	31447		2459	14795	0756	00750	3386
0226	0747	31617		2472	14801	0840	00932	3263
0251	0748	31798		2486	14808	0920	01128	3133

C-REF-NO 001	YR 1968	DEPTH 256	WAVES 1 20X2	AIR T	VIS 7
CONS. NO 061	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 61
LAT 48-292N	DAY 11	NO.DPTH 11	WND-DIR 200	WW-CODE 71	
LON 123-094W	HR 12.1	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1018.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0700 B	30927		2424	14737
121	0005	0737	30929		2419	14753
121	0010	0736	30930		2419	14753
121	0019	0732	30933		2420	14753
121	0028	0733	30950		2421	14755
121	0047	0733	30960		2422	14758
121	0070	0742	31085		2431	14767
121	0094	0743	31220		2441	14773
121	0141	0739	31348		2452	14781
121	0188	0742	31651		2475	14794
121	0216	0746	31971		2500	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30927		2424	14737	0000	00000	3692
0010	0736	30930		2419	14753	0037	00002	3734
0020	0732	30935		2420	14753	0075	00008	3728
0030	0733	30950		2421	14755	0112	00017	3718
0050	0734	30973		2423	14759	0187	00048	3706
0075	0743	31115		2433	14769	0279	00107	3614
0100	0743	3123 B		2443	14774	0368	00187	3525
0126	0740	3130 I		2448	14778	0456	00288	3475
0151	0739	31388		2455	14783	0543	00410	3415
0176	0741	3154 B		2467	14790	0628	00551	3303
0201	0743	31776		2485	14798	0708	00706	3137

C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 15X3	AIR T	VIS 7
CONS. NO 062	MONTH 1	MXSAMPD 01	WAVES 2 18X2	WET B	STN 62
LAT 48-229N	DAY 11	NO.DPTH 9	WND-DIR 150	WW-CODE	
LON 123-026W	HR 13.3	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	0700 B	30593	614	2398	14733
133	0005	0727	30604	590	2395	14744
133	0010	0725		577		
133	0020	0735	30858	555	2414	14754
133	0029	0736	30976	539	2423	14757
133	0049	0738	31201	518	2440	14764
133	0074	0746	31330	497	2449	14773
133	0098	0746	31965	447	2499	14786
133	0128	0742	32444	390	2537	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30593	614	2398	14733	0000	00000	3942
0010	0725	3068 I	577	2402	14746	0039	00002	3901
0020	0735	30858	555	2414	14753	0078	00008	3789
0030	0736	30989	538	2424	14757	0116	00018	3694
0050	0738	3120 B	517	2440	14764	0188	00047	3538
0075	0746	3135 B	495	2451	14773	0276	00103	3440
0101	0746	3200 B	443	2502	14786	0356	00174	2959
0126	0743	3240 B	396	2534	14794	0427	00255	2660



C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 063	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 63
LAT 48-145N	DAY 11	NO.DPTH 9	WND-DIR 140	WW-CODE 02	
LON 122-588W	HR 14.3	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0690 B		612		
143	0005	0735	30161	593	2359	14742
143	0010	0735	30172	587	2360	14743
143	0020	0740	30203	585	2362	14747
143	0030	0744	30662	558	2397	14756
143	0050	0740	31497	494	2463	14768
143	0075	0751	32025	443	2503	14784
143	0100	0750	32549	406	2544	14794
143	0150	0742	32753	377	2562	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B		612					
0010	0735	30172	587	2360	14743	0043	00002	4300
0020	0740	30203	585	2362	14747	0086	00009	4284
0030	0744	30662	558	2397	14756	0127	00019	3949
0050	0740	31497	494	2463	14768	0200	00049	3322
0075	0751	32025	443	2503	14784	0279	00098	2946
0101	0750	32549	406	2544	14794	0348	00160	2557
0126	0748	3277 D	384	2562	14800	0411	00231	2390
0151	0742	32753	377	2562	14802	0471	00316	2402

C-REF-NO 001	YR 1968	DEPTH 108	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 064	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 64
LAT 48-123N	DAY 11	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 123-059W	HR 15.0	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0700 B	30363		2380	14730
150	0005	0731	30652		2398	14747
150	0010	0728	30922		2420	14750
150	0020	0726	31168		2439	14754
150	0030	0737	31431		2459	14763
150	0050	0738	31720		2481	14771
150	0075	0748	31978		2500	14782
150	0090	0748	32100		2509	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30363		2380	14730	0000	00000	4114
0010	0728	30922		2420	14750	0039	00002	3731
0020	0726	31168		2439	14754	0076	00007	3545
0030	0737	31431		2459	14763	0111	00016	3365
0050	0738	31720		2481	14771	0176	00043	3153
0075	0748	31978		2500	14782	0253	00092	2977

C-REF-NO 001	YR 1968	DEPTH 132	WAVES 1 1222	AIR T	VIS 7
CONS. NO 065	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 65
LAT 48-158N	DAY 11	NO.DPTH 8	WND-DIR 130	WW-CODE 01	
LON 123-100W	HR 15.6	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0700 B	30321	600	2376	14729
156	0005	0741	30521	579	2387	14749
156	0010	0745	30745	541	2404	14754
156	0020	0744	31102	524	2432	14760
156	0030	0742	31250	521	2444	14763
156	0050	0743	31450	497	2459	14769
156	0075	0749	31805	454	2486	14780
156	0110	0745	32581	378	2548	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30321	600	2376	14729	0000	00000	4145
0010	0745	30745	541	2404	14754	0040	00002	3884
0020	0744	31102	524	2432	14760	0078	00008	3618
0030	0742	31250	521	2444	14763	0114	00017	3506
0050	0743	31450	497	2459	14769	0183	00045	3361
0075	0749	31805	454	2486	14780	0264	00097	3107
0101	0747	32327	402	2527	14790	0337	00162	2719

C-REF-NO 001	YR 1968	DEPTH 99	WAVES 1 1222	AIR T	VIS 7
CONS. NO 066	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 66
LAT 48-193N	DAY 11	NO.DPTH 7	WND-DIR 120	WW-CODE 02	
LON 123-141W	HR 16.2	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0700 B	30725		2408	14734
162	0005	0720	30659		2400	14742
162	0010	0717	30663		2401	14742
162	0020	0726	30713		2404	14748
162	0030	0728	30754		2407	14751
162	0050	0734	30919		2419	14759
162	0075	0743	32411		2535	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30725		2408	14734	0000	00000	3843
0010	0717	30663		2401	14742	0039	00002	3910
0020	0726	30713		2404	14748	0078	00008	3886
0030	0728	30754		2407	14751	0117	00018	3859
0050	0734	30919		2419	14759	0193	00049	3745
0075	0743	32411		2535	14786	0274	00099	2649

C-REF-NO 001	YR 1968	DEPTH 113	WAVES 1 11X2	AIR T	VIS 7
CONS. NO 067	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 67
LAT 48-228N	DAY 11	NO.DPTH 8	WND-DIR 110	WW-CODE 01	
LON 123-180W	HR 16.8	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	0700 B	30861		2419	14736
168	0005	0724	30830		2413	14746
168	0010	0720	30835		2414	14745
168	0020	0721	30900		2419	14748
168	0030	0725	31058		2431	14754
168	0050	0734	31659		2477	14768
168	0074	0742	31976		2501	14779
168	0099	0740	32213		2519	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30861		2419	14736	0000	00000	3741
0010	0720	30835		2414	14745	0038	00002	3785
0020	0721	30900		2419	14748	0076	00008	3739
0030	0725	31058		2431	14754	0113	00017	3628
0050	0734	31659		2477	14768	0181	00045	3193
0075	0742	31988		2502	14780	0259	00094	2961
*0101	0740	32219		2520	14786	0331	00159	2789

C-REF-NO 001	YR 1968	DEPTH 139	WAVES 1 XX	AIR T	VIS 7
CONS. NO 068	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 68
LAT 48-122N	DAY 11	NO.DPTH 9	WND-DIR CALM	WW-CODE 02	
LON 123-431W	HR 18.5	W-COLOR	WND-SPD 00	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
185	0000	0700 B	31086		2436	14739
185	0005	0708	31059		2433	14743
185	0010	0710	31097		2436	14745
185	0020	0724	31327		2452	14755
185	0030	0717	31532		2469	14757
185	0050	0728	31710		2482	14767
185	0075	0750	31939		2497	14782
185	0100	0754	32566		2545	14796
185	0125	0737	33265		2602	14803

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	31086		2436	14739	0000	00000	3573
0010	0710	31097		2436	14745	0036	00002	3577
0020	0724	31327		2452	14755	0071	00007	3424
0030	0717	31532		2469	14757	0105	00016	3264
0050	0728	31710		2482	14767	0169	00042	3148
0075	0750	31939		2497	14782	0247	00091	3008
0101	0754	32566		2545	14796	0316	00153	2550
0126	0737	33265		2602	14803	0374	00219	2011

C-REF-NO 001	YR 1968	DEPTH 176	WAVES 1 06X2	AIR T	VIS 7
CONS. NO 069	MONTH 1	MXSAMPD 02	WAVES 2 2774	WET B	STN 69
LAT 48-156N	DAY 11	NO.DPTH 9	WND-DIR 060	WW-CODE 02	
LON 123-431W	HR 19.1	W-COLOR	WND-SPD 03	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	0720 B	30916	601	2420	14745
191	0005	0723	30884	588	2418	14746
191	0010	0720	30884	579	2418	14746
191	0020	0724	30998	567	2426	14751
191	0030	0733	31115	551	2434	14757
191	0050	0734	31370	526	2454	14764
191	0075	0751	31940	454	2497	14783
191	0100	0764	32576	413	2545	14800
191	0160	0728	33577	296	2628	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30916	601	2420	14745	0000	00000	3725
0010	0720	30884	579	2418	14746	0038	00002	3749
0020	0724	30998	567	2426	14751	0075	00008	3670
0030	0733	31115	551	2434	14757	0111	00017	3595
0050	0734	31370	526	2454	14764	0182	00046	3409
0075	0751	31940	454	2497	14783	0262	00097	3008
0101	0764	32576	413	2545	14800	0332	00159	2557
0126	0760	3306 D	365	2584	14809	0392	00227	2188
0151	0740	3345 B	316	2617	14810	0443	00299	1879

C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 00X0	AIR T	VIS 7
CONS. NO 070	MONTH 1	MXSAMPD 01	WAVES 2 2774	WET B	STN 70
LAT 48-194N	DAY 11	NO.DPTH 9	WND-DIR CALM	WW-CODE 02	
LON 123-430W	HR 19.8	W-COLOR	WND-SPD 00	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	0710 B	30934		2423	14741
198	0005	0718	30951		2423	14745
198	0010	0718	30991		2427	14747
198	0020	0720	31083		2434	14750
198	0030	0721	31130		2437	14753
198	0050	0727	31439		2461	14763
198	0075	0741	31743		2482	14776
198	0100	0740	32294		2526	14787
198	0130	0730	33230		2601	14800

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30934		2423	14741	0000	00000	3699
0010	0718	30991		2427	14747	0037	00002	3666
0020	0720	31083		2434	14750	0074	00007	3601
0030	0721	31130		2437	14753	0110	00017	3569
0050	0727	31439		2461	14763	0179	00045	3349
0075	0741	31743		2482	14776	0261	00097	3143
0101	0740	32294		2526	14787	0335	00162	2735
0126	0732	33053		2586	14798	0396	00233	2162



C-REF-NO 001	YR 1968	DEPTH 154	WAVES 1 23X2	AIR T	VIS 7
CONS. NO 071	MONTH 1	MXSAMPD 01	WAVES 2 27X2	WET B	STN 71
LAT 48-221N	DAY 11	NO.DPTH 8	WND-DIR 230	WW-CODE 02	
LON 124-006W	HR 21.0	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0720 B	31341		2454	14750
210	0005	0714	31335		2454	14749
210	0010	0710	31340		2455	14748
210	0020	0710	31367		2457	14750
210	0030	0710	31377		2458	14752
210	0050	0726	31504		2466	14763
210	0075	0740	32261		2523	14783
210	0090	0743	32394		2533	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31341		2454	14750	0000	00000	3407
0010	0710	31340		2455	14748	0034	00002	3395
0020	0710	31367		2457	14750	0068	00007	3377
0030	0710	31377		2458	14752	0102	00016	3370
0050	0726	31504		2466	14763	0169	00043	3298
0075	0740	32261		2523	14783	0245	00091	2756

C-REF-NO 001	YR 1968	DEPTH 188	WAVES 1 20X3	AIR T	VIS 7
CONS. NO 072	MONTH 1	MXSAMPD 01	WAVES 2 27X2	WET B	STN 72
LAT 48-187N	DAY 11	NO.DPTH 9	WND-DIR 200	WW-CODE 60	
LON 124-038W	HR 21.8	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0720 B	31093	593	2434	14747
218	0005	0717	31091	582	2435	14747
218	0010	0714	31091	577	2435	14746
218	0020	0726	31182	548	2441	14754
218	0030	0738	31417	523	2457	14763
218	0049	0743	31659	502	2476	14772
218	0074	0757	31809	484	2485	14783
218	0099	0761	32629	405	2549	14799
218	0148	0719	33618	275	2633	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31093	593	2434	14747	0000	00000	3593
0010	0714	31091	577	2435	14746	0036	00002	3586
0020	0726	31182	548	2441	14754	0072	00007	3535
0030	0738	31417	523	2457	14763	0107	00016	3376
0050	0744	3166 B	502	2476	14772	0173	00043	3205
0075	0757	3183 B	481	2488	14784	0252	00094	3094
0101	0761	32653	402	2551	14800	0322	00156	2494
0126	0746	3315 I	336	2592	14805	0380	00222	2107
*0151	0716	3365 B	270	2636	14804	0428	00289	1700

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 20X1	AIR T	VIS 7
CONS. NO 073	MONTH 1	MXSAMPD 01	WAVES 2 27X3	WET B	STN 73
LAT 48-151N	DAY 11	NO.DPTH 9	WND-DIR 200	WW-CODE 60	
LON 124-070W	HR 22.5	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
225	0000	0720 B	31220		2444	14749
225	0005	0716	31176		2441	14748
225	0010	0713	31256		2448	14748
225	0020	0712	31311		2452	14750
225	0030	0719	31327		2453	14755
225	0050	0744	31635		2474	14772
225	0075	0757	31911		2493	14785
225	0100	0754	32075		2507	14790
225	0140	0740	33157		2594	14805

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31220		2444	14749	0000	00000	3497
0010	0713	31256		2448	14748	0035	00002	3462
0020	0712	31311		2452	14750	0070	00007	3420
0030	0719	31327		2453	14755	0104	00016	3419
0050	0744	31635		2474	14772	0171	00043	3224
0075	0757	31911		2493	14785	0249	00093	3039
0101	0754	32075		2507	14790	0324	00160	2917
0126	0747	3275 I		2561	14800	0391	00237	2406

C-REF-NO 001	YR 1968	DEPTH 192	WAVES 1 16X3	AIR T	VIS 7
CONS. NO 074	MONTH 1	MXSAMPD 02	WAVES 2 27X6	WET B	STN 74
LAT 48-251N	DAY 12	NO.DPTH 10	WND-DIR 160	WW-CODE 60	
LON 124-356W	HR 00.3	W-COLOR	WND-SPD 03	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	0760 B	31072		2427	14763
003	0005	0775	31104		2428	14770
003	0010	0781	31209		2435	14774
003	0020	0770	31300		2444	14773
003	0030	0775	31333		2446	14777
003	0050	0785	31487		2456	14786
003	0075	0755	31634		2472	14780
003	0100	0750	32731		2559	14797
003	0150	0709	33679		2639	14801
003	0170	0704	33769		2647	14804

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	31072		2427	14763	0000	00000	3660
0010	0781	31209		2435	14774	0036	00002	3585
0020	0770	31300		2444	14773	0072	00007	3504
0030	0775	31333		2446	14777	0107	00016	3487
0050	0785	31487		2456	14786	0176	00045	3389
0075	0755	31634		2472	14780	0260	00098	3243
0101	0750	32731		2559	14797	0331	00160	2423
0126	0730 B	3320 I		2599	14799	0387	00224	2047
0151	0709	33679		2639	14801	0434	00290	1670

C-REF-NO 001	YR 1968	DEPTH 230	WAVES 1 15X3	AIR T	VIS 7
CONS. NO 075	MONTH 1	MXSAMPD 02	WAVES 2 27X6	WET B	STN 75
LAT 48-282N	DAY 12	NO.DPTH 10	WND-DIR 150	WW-CODE 02	
LON 124-328W	HR 01.1	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	0750 B	31248	654	2442	14761
011	0005	0774	31201	660	2435	14771
011	0010	0772	31223	656	2437	14771
011	0020	0778	31355	650	2447	14777
011	0030	0791	31455	642	2453	14785
011	0050	0792	31545	634	2460	14789
011	0075	0800	31723	606	2473	14799
011	0100	0762	32155	454	2512	14794
011	0150	0733	33547	302	2625	14809
011	0210	0713	33765	257	2645	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	31248	654	2442	14761	0000	00000	3516
0010	0772	31223	656	2437	14771	0036	00002	3563
0020	0778	31355	650	2447	14777	0071	00007	3473
0030	0791	31455	642	2453	14785	0106	00016	3418
0050	0792	31545	634	2460	14789	0174	00044	3356
0075	0800	31723	606	2473	14799	0256	00097	3237
0101	0762	32155	454	2512	14794	0333	00165	2868
0126	0743	3285 I	359 B	2569	14800	0399	00240	2326
0151	0733	33547	302	2625	14809	0450	00312	1799
0176	0722	3363 I	263	2634	14810	0495	00386	1721
0201	0715	3382 D	253	2649	14814	0536	00465	1578

C-REF-NO 001	YR 1968	DEPTH 90	WAVES 1 17X3	AIR T	VIS 6
CONS. NO 076	MONTH 1	MXSAMPD 00	WAVES 2 27X6	WET B	STN 76
LAT 48-311N	DAY 12	NO.DPTH 6	WND-DIR 170	WW-CODE 69	
LON 124-300W	HR 01.9	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
019	0000	0670 B	30749		2414	14723
019	0005	0668	30730		2413	14723
019	0010	0692	31046		2434	14737
019	0020	0744	31549		2467	14766
019	0030	0742	31644		2475	14768
019	0050		31772			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	30749		2414	14723	0000	00000	3788
0010	0692	31046		2434	14737	0037	00002	3592
0020	0744	31549		2467	14766	0072	00007	3284
0030	0742	31644		2475	14768	0104	00015	3212

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C-REF-NO 002	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-120W	HR 20.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0000	0520 B	26918		2129	14611
201	0005	0636 B	27001		2124	14661
201	0010	0667	27502		2159	14681
201	0020	0681	28159		2209	14697
201	0030	0709	28351		2221	14712
201	0050	0732	28610		2238	14728
201	0075	0811	29235		2277	14771
201	0100	0861	30011		2330	14804
201	0150	0851 B	30542		2373	14815
201	0200	0876	30726		2384	14835
201	0240		30851			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0520 B	26918		2129	14611	0000	00000	6509
0010	0667	27502		2159	14681	0064	00003	6221
0020	0681	28159		2209	14697	0124	00012	5743
0030	0709	28351		2221	14712	0181	00027	5634
0050	0732	28610		2238	14728	0292	00072	5469
0075	0811	29235		2277	14771	0425	00156	5106
0100	0861	30011		2330	14804	0547	00264	4600
0125	0863 D	3027 I		2351	14812	0660	00394	4408
0151	0851 B	30542		2373	14815	0768	00546	4196
0176	0861 B	3065 D		2380	14825	0872	00720	4130
0201	0876	30726		2384	14835	0976	00918	4104



C-REF-NO 002	YR 1968	DEPTH 278	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 002
LAT 49-241N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LDN 124-093W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0610 B	26637		2098	14645
210	0005	0595	26260		2070	14635
210	0010	0694	28202		2211	14701
210	0020	0702	28405		2226	14708
210	0030	0732	28602		2238	14724
210	0050	0777	29073		2269	14752
210	0075	0798	29737		2318	14772
210	0100	0816	30034		2338	14787
210	0150	0820 B	30300		2359	14800
210	0200	0864	30632		2378	14830
210	0260	0892	30874		2393	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0610 B	26637		2098	14645	0000	00000	6810
0010	0694	28202		2211	14701	0063	00003	5726
0020	0702	28405		2226	14708	0120	00012	5583
0030	0732	28602		2238	14724	0175	00026	5473
0050	0777	29073		2269	14752	0282	00069	5179
0075	0798	29737		2318	14772	0406	00148	4714
0100	0816	30034		2338	14787	0522	00251	4520
0125	0818 B	3016 I		2348	14794	0634	00380	4427
0151	0820 B	30300		2359	14800	0744	00535	4334
0176	0841 B	3046 C		2369	14815	0852	00714	4240
0201	0864	30632		2378	14830	0957	00916	4155
0226	0877	30748		2385	14840	1061	01141	4092
0251	0888	30843		2391	14850	1163	01390	4042

C-REF-NO 002	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 22.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
221	0000	0660 B	27878	695	2190	14681
221	0005	0659	27878	698 B	2190	14682
221	0010	0678 B	28083	671	2204	14693
221	0020	0696	28342	646	2222	14705
221	0030	0725	28589	608	2237	14722
221	0050	0778	29072	545	2268	14752
221	0075	0842	29897	475	2324	14791
221	0100	0836	30208	458	2349	14797
221	0150	0836 B	30409	452	2365	14808
221	0200	0862	30621	382	2378	14829
221	0250		30833	323		
221	0300	0903	30976	275	2399	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27878	695	2190	14681	0000	00000	5931
0010	0678 B	28083	671	2204	14693	0059	00003	5797
0020	0696	28342	646	2222	14705	0116	00012	5624
0030	0725	28589	608	2237	14722	0172	00026	5475
0050	0778	29072	545	2268	14752	0279	00069	5182
0075	0842	29897	475	2324	14791	0402	00147	4654
0100	0836	30208	458	2349	14797	0516	00249	4417
0125	0833	3030 I	457 B	2357	14802	0626	00375	4342
0151	0836 B	30409	452	2365	14808	0734	00528	4274
0176	0848	30514	420	2371	14818	0841	00705	4216
0201	0862	30621	382	2378	14829	0946	00907	4160
0226	0872	30731	351	2385	14838	1050	01132	4098
0251	0882	30833	323	2391	14847	1152	01381	4041
0301	0903	30976	275	2399	14865	1354	01948	3972

C-REF-NO 002	YR 1968	DEPTH 340	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-243N	DAY 12	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 22.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	0690 B	27937		2191	14694
229	0005	0655	27931		2194	14681
229	0010	0673	28173		2211	14692
229	0020	0680	28273		2218	14698
229	0030	0688	28321		2221	14703
229	0050	0734	28692		2244	14730
229	0075	0845	29691		2307	14790
229	0100	0864	30133		2339	14807
229	0150	0849 B	30513		2371	14814
229	0200	0873	30745		2386	14835
229	0250	0901	30900		2393	14855
229	0300	0905	31006		2401	14866
229	0320	0907	31036		2403	14871

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	27937		2191	14694	0000	00000	5921
0010	0673	28173		2211	14692	0058	00003	5723
0020	0680	28273		2218	14698	0115	00012	5657
0030	0688	28321		2221	14703	0172	00026	5632
0050	0734	28692		2244	14730	0283	00071	5410
0075	0845	29691		2307	14790	0411	00152	4812
0100	0864	30133		2339	14807	0528	00256	4513
0125	0858 C	3032 I		2355	14811	0640	00385	4367
0151	0849 B	30513		2371	14814	0747	00536	4216
0176	0858	30643		2380	14824	0852	00710	4136
0201	0873	30745		2386	14835	0956	00908	4085
0226	0888	30830		2390	14846	1058	01131	4047
0251	0901	30900		2393	14855	1159	01377	4018
0301	0905	31006		2401	14866	1360	01941	3953

C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-306W	HR 00.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	0670 B	27481		2157	14680
001	0005	0657	27917		2193	14681
001	0010	0671	28105		2206	14690
001	0020	0696	28284		2217	14704
001	0030	0730	28539		2233	14723
001	0050		28776			
001	0075	0791	29093		2268	14765
001	0100	0877	30094		2334	14815
001	0150	0866 B	30587		2374	14825
001	0200	0883	30768		2386	14842
001	0250	0901	30922		2395	14859
001	0300	0903	30985		2400	14869

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	27481		2157	14680	0000	00000	6240
0010	0671	28105		2206	14690	0060	00003	5773
0020	0696	28284		2217	14704	0118	00012	5667
0030	0730	28539		2233	14723	0174	00026	5518
0050	0757 I	28776		2248	14740	0283	00071	5376
0075	0791	29093		2268	14761	0415	00155	5186
0100	0877	30094		2334	14811	0538	00263	4561
0125	0871 I	3034 I		2354	14817	0650	00392	4372
0151	0866 B	30587		2374	14822	0757	00543	4185
0176	0873	3069 D		2382	14830	0862	00716	4115
0201	0883	30768		2386	14839	0965	00914	4082
0226	0893	30852		2391	14848	1067	01136	4037
0251	0901	30922		2395	14856	1168	01381	4002
0301	0903	30985		2400	14865	1368	01945	3966

C-REF-NO 002	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 13	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-277W	HR 01.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
010	0000	0680 B	27772	703	2179	14688
010	0005	0647	27901	695 B	2193	14677
010	0010	0667	28080	685 B	2205	14688
010	0020	0679	28232	660 B	2215	14697
010	0030	0709	28461	628	2229	14713
010	0050	0755	28844	582 B	2254	14740
010	0075	0870	29973	422	2326	14803
010	0100	0854	30259	445	2350	14805

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	27772	703	2179	14688	0000	00000	6033
0010	0667	28080	685 B	2205	14688	0059	00003	5786
0020	0679	28232	660 B	2215	14697	0117	00012	5686
0030	0709	28461	628	2229	14713	0173	00026	5552
0050	0755	28844	582 B	2254	14740	0282	00070	5323
0075	0870	29973	422	2326	14803	0407	00149	4637
0100	0854	30259	445	2350	14805	0521	00250	4405

C-REF-NO 002	YR 1968	DEPTH 351	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-242W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0530 B	28014		2215	14630
020	0005	0645	28066		2206	14679
020	0010	0689	28247		2215	14699
020	0020	0702	28406		2226	14708
020	0030	0715	28536		2235	14717
020	0050	0792	29112		2270	14758
020	0075	0851	29947		2327	14796
020	0100	0873	30210		2344	14811
020	0150	0853	30445		2365	14815
020	0200	0873	30572		2372	14832
020	0250	0886	30664		2377	14847
020	0300	0895	30729		2381	14859
020	0330	0900	30740		2381	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0530 B	28014		2215	14630	0000	00000	5691
0010	0689	28247		2215	14699	0057	00003	5687
0020	0702	28406		2226	14708	0114	00012	5583
0030	0715	28536		2235	14717	0169	00026	5502
0050	0792	29112		2270	14758	0276	00069	5170
0075	0851	29947		2327	14796	0399	00147	4629
0100	0873	30210		2344	14811	0513	00249	4468
0125	0866 C	3035 D		2356	14815	0624	00376	4351
0151	0853	30445		2365	14815	0732	00528	4272
0176	0861	30517		2370	14823	0839	00706	4233
0201	0873	30572		2372	14832	0945	00910	4212
0226	0880	30622		2375	14840	1051	01139	4191
0251	0886	30664		2377	14847	1156	01395	4170
0301	0895	30729		2381	14859	1365	01983	4143

C-REF-NO 002	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-320W	HR 03.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	0660 B	27555		2164	14677
032	0005	0641	27704		2178	14672
032	0010	0668	28028		2200	14688
032	0020	0691	28324		2221	14703
032	0030	0723	28587		2238	14721
032	0050	0765	28979		2263	14746
032	0075	0846	29744		2311	14791
032	0100	0868	30207		2344	14809
032	0150	0853 B	30437		2364	14815
032	0200	0863	30550		2372	14828
032	0250	0885	30675		2378	14846
032	0325	0912	30797		2384	14870

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27555		2164	14677	0000	00000	6174
0010	0668	28028		2200	14688	0060	00003	5826
0020	0691	28324		2221	14703	0118	00012	5631
0030	0723	28587		2238	14721	0173	00026	5474
0050	0765	28979		2263	14746	0281	00070	5235
0075	0846	29744		2311	14791	0406	00149	4774
0100	0868	30207		2344	14809	0522	00252	4463
0125	0864 C	3032 I		2354	14813	0633	00380	4375
0151	0853 B	30437		2364	14815	0742	00533	4278
0176	0856	3050 B		2369	14821	0849	00711	4238
0201	0863	30550		2372	14828	0955	00914	4215
0226	0873	30614		2375	14837	1061	01144	4186
0251	0885	30675		2378	14846	1166	01399	4161
0301	0903	30763		2382	14863	1374	01986	4130

C-REF-NO 002	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 04.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	0670 B	27518	686	2160	14681
041	0005	0654	27597	680	2168	14676
041	0010	0659	27792	678	2183	14681
041	0020	0691	28220	662	2213	14702
041	0030	0701	28455	626	2230	14710
041	0050	0730	28648	594 B	2241	14728
041	0075	0800	29243	493 B	2279	14767
041	0100	0880	30161	405	2339	14813
041	0150	0893 B	30613	350 B	2372	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0670 B	27518	686	2160	14681	0000	00000	6212
0010	0659	27792	678	2183	14681	0061	00003	5994
0020	0691	28220	662	2213	14702	0120	00012	5709
0030	0701	28455	626	2230	14710	0176	00026	5546
0050	0730	28648	594 B	2241	14728	0286	00071	5438
0075	0800	29243	493 B	2279	14767	0418	00155	5085
0100	0880	30161	405	2339	14813	0539	00262	4514
0125	0907 B	3038 I	359	2353	14831	0651	00390	4390
0151	0893 B	30613	350 B	2372	14832	0759	00542	4205



C-REF-NO 002	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 13	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-473W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	0620 B	26939		2120	14653
052	0005	0661	27538		2163	14678
052	0010	0675	27977		2196	14690
052	0020	0684	28282		2218	14700
052	0030	0712	28494		2232	14715
052	0050	0741	28779		2250	14734
052	0075	0860	29889		2321	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	26939		2120	14653	0000	00000	6593
0010	0675	27977		2196	14690	0062	00003	5873
0020	0684	28282		2218	14700	0120	00012	5655
0030	0712	28494		2232	14715	0176	00026	5530
0050	0741	28779		2250	14734	0286	00071	5354
0075	0860	29889		2321	14798	0412	00150	4686

C-REF-NO 002	YR 1968	DEPTH 302	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-433W	HR 05.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	0640 B	27229		2141	14665
059	0005	0672	27991		2197	14688
059	0010	0688	28207		2212	14699
059	0020	0686	28337		2223	14701
059	0030	0719	28530		2234	14718
059	0050	0750	28859		2255	14738
059	0075	0868	29967		2326	14802
059	0100	0887	30269		2346	14817
059	0150	0897 B	30649		2375	14834
059	0200	0905	30735		2380	14847
059	0250	0911	30765		2381	14857
059	0285	0910	30778		2383	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	27229		2141	14665	0000	00000	6397
0010	0688	28207		2212	14699	0061	00003	5715
0020	0686	28337		2223	14701	0118	00012	5616
0030	0719	28530		2234	14718	0173	00026	5511
0050	0750	28859		2255	14738	0282	00070	5306
0075	0868	29967		2326	14802	0407	00149	4639
0100	0887	30269		2346	14817	0521	00250	4444
0125	0894	30496		2363	14827	0630	00376	4290
0151	0897 B	30649		2375	14834	0737	00526	4184
0176	0901	3071 C		2379	14841	0841	00700	4145
0201	0905	30735		2380	14847	0945	00900	4138
0226	0909	30754		2381	14852	1049	01126	4133
0251	0911	30765		2381	14857	1153	01378	4133

C-REF-NO 002	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-436N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-407W	HR 06.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	0580 B	26909	700 B	2122	14636
069	0005	0678	27930	637 B	2192	14690
069	0010	0686	28145	636 B	2207	14697
069	0020	0700	28383	651	2224	14707
069	0030	0722	28564	606 B	2236	14720
069	0050	0746	28803	575 B	2251	14736
069	0075	0863	29896	428 B	2321	14799
069	0100	0877	30239	404	2346	14813
069	0150	0862 B	30462	410	2365	14819
069	0200	0907	30684	323 B	2376	14847
069	0250	0902	30734	324	2380	14854
069	0300	0912	30788	293 B	2383	14866
069	0340	0916	30809	280 B	2384	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0580 B	26909	700 B	2122	14636	0000	00000	6575
0010	0686	28145	636 B	2207	14697	0062	00003	5760
0020	0700	28383	651	2224	14707	0119	00012	5597
0030	0722	28564	606 B	2236	14720	0174	00026	5490
0050	0746	28803	575 B	2251	14736	0283	00070	5342
0075	0863	29896	428 B	2321	14799	0409	00149	4684
0100	0877	30239	404	2346	14813	0524	00252	4452
0125	0869 C	3035 I	408 B	2355	14816	0634	00379	4362
0151	0862 B	30462	410	2365	14819	0743	00531	4271
0176	0884 C	3058 C	367 C	2371	14833	0849	00709	4216
0201	0907	30684	323 B	2376	14847	0955	00911	4180
0226	0907 B	3071 C	320 B	2379	14851	1060	01139	4157
0251	0902	30734	324	2380	14854	1164	01392	4142
0301	0912	30788	293 B	2383	14866	1372	01978	4125

C-REF-NO 002	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-553W	HR 08.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	Hw

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	0630 B	27406		2156	14663
086	0005	0628	27426		2158	14663
086	0010	0662	27758		2180	14682
086	0020	0706	28435		2228	14710
086	0030	0729	28647		2241	14724
086	0050	0750	28946		2262	14739
086	0075	0879	30080		2333	14808
086	0099	0891	30268		2346	14819
086	0149	0901 B	30538		2365	14834
086	0199	0910	30632		2371	14847
086	0224	0911	30663		2373	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	27406		2156	14663	0000	00000	6252
0010	0662	27758		2180	14682	0062	00003	6023
0020	0706	28435		2228	14710	0120	00012	5565
0030	0729	28647		2241	14724	0175	00026	5436
0050	0750	28946		2262	14739	0282	00070	5240
0075	0879	30080		2333	14808	0405	00147	4570
0100	0891	30275		2346	14819	0518	00248	4447
0125	0898	30430		2357	14828	0629	00375	4343
0151	0901 B	30541		2365	14834	0737	00527	4270
0176	0906	3060 B		2369	14841	0844	00705	4236
0201	0910	30634		2371	14847	0950	00909	4221
*0226	0911	30664		2374	14852	1056	01139	4204

C-REF-NO 002	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 09.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0620 B	27534	695 B	2167	14661
095	0005	0670	28000	667 B	2198	14688
095	0010	0689	28277	640 B	2217	14700
095	0020	0710	28456	650 B	2229	14712
095	0030	0728	28639	600 B	2241	14723
095	0050	0756	28902	538 B	2258	14741
095	0075	0868	29946	421 B	2324	14802
095	0100	0898	30374	371 B	2353	14823
095	0150	0897	30562	358 B	2368	14833
095	0200	0909	30686	322 B	2376	14847
095	0250	0913	30723	314 B	2378	14858
095	0300	0914	30769	294 B	2381	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	27534	695 B	2167	14661	0000	00000	6145
0010	0689	28277	640 B	2217	14700	0059	00003	5664
0020	0710	28456	650 B	2229	14712	0115	00011	5555
0030	0728	28639	600 B	2241	14723	0171	00026	5440
0050	0756	28902	538 B	2258	14741	0278	00069	5280
0075	0868	29946	421 B	2324	14802	0403	00148	4654
0100	0898	30374	371 B	2353	14823	0516	00249	4382
0125	0902 B	3046 I	359 C	2360	14830	0626	00375	4322
0151	0897	30562	358 B	2368	14833	0733	00526	4248
0176	0903	30633	340 B	2372	14840	0839	00703	4207
0201	0909	30686	322 B	2376	14847	0945	00905	4182
0226	0912	3070 B	317 B	2377	14853	1050	01133	4172
0251	0913	30723	314 B	2378	14858	1155	01388	4167
0301	0914	30769	294 B	2381	14867	1364	01976	4142

C-REF-NO 002	YR 1968	DEPTH 113	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 13	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-016W	HR 10.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0000	0610 B	27864		2194	14661
102	0005	0621	27591		2172	14663
102	0010	0679	28009		2198	14692
102	0020	0697	28401		2226	14706
102	0030	0742	28730		2246	14730
102	0050	0777	29060		2268	14751
102	0075	0855	29839		2318	14796
102	0100	0896	30368		2353	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	27864		2194	14661	0000	00000	5886
0010	0679	28009		2198	14692	0059	00003	5854
0020	0697	28401		2226	14706	0116	00012	5580
0030	0742	28730		2246	14730	0171	00026	5390
0050	0777	29060		2268	14751	0277	00069	5189
0075	0855	29839		2318	14796	0402	00148	4715
0100	0896	30368		2353	14822	0516	00249	4384

C-REF-NO 002	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 11.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
112	0000	0750 B	28978	531 B	2265	14732
112	0005	0791	29232	496 B	2279	14752
112	0009	0789	29238	486 B	2280	14752
112	0018	0785	29235	488 B	2280	14752
112	0027	0784	29180	489 B	2276	14752
112	0045	0789	29273	483 B	2283	14758
112	0068	0799	29340	475 B	2286	14766
112	0090	0830	29618	440 B	2304	14786
112	0113	0888 C	30065	405 B	2330	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0750 B	28978	531 B	2265	14732	0000	00000	5212
0010	0788	29239	485 B	2280	14752	0052	00003	5065
0020	0785	29222	488 B	2279	14752	0102	00010	5075
0030	0784	2918 C	488 B	2276	14753	0154	00023	5102
0050	0790	2928 C	483 B	2283	14759	0255	00065	5041
0075	0806	29409	465 B	2291	14771	0381	00145	4970
0100	0852	29791	425 B	2314	14798	0503	00254	4749

C-REF-NO 002	YR 1968	DEPTH 272	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-043W	HR 11.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
118	0000	0600 B	27418		2160	14651
118	0005	0618	27420		2158	14659
118	0010	0649	27740		2180	14677
118	0020	0706	28356		2222	14709
118	0030	0723	28592		2238	14721
118	0050	0759	29000		2265	14744
118	0075	0828	29594		2302	14782
118	0100	0882	30129		2336	14814
118	0150	0905 B	30559		2366	14836
118	0200	0907	30650		2373	14846
118	0250	0914	30726		2378	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	27418		2160	14651	0000	00000	6211
0010	0649	27740		2180	14677	0061	00003	6022
0020	0706	28356		2222	14709	0120	00012	5625
0030	0723	28592		2238	14721	0175	00026	5469
0050	0759	29000		2265	14744	0282	00070	5211
0075	0828	29594		2302	14782	0409	00150	4861
0100	0882	30129		2336	14814	0527	00255	4541
0125	0902 B	3034 I		2350	14828	0639	00384	4414
0151	0905 B	30559		2366	14836	0748	00537	4262
0176	0907	3060 I		2370	14842	0855	00715	4235
0201	0907	30650		2373	14846	0961	00918	4205
0226	0910	3069 B		2376	14852	1066	01147	4179
0251	0914	30726		2378	14858	1171	01402	4167



C-REF-NO 002	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 12.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	0650 B	27724		2179	14675
127	0005	0683	28039		2200	14694
127	0010	0696 B	28149		2207	14701
127	0020	0708	28421		2226	14711
127	0030	0741	28791		2251	14730
127	0050	0757	29037		2268	14743
127	0075	0865	29923		2323	14801
127	0100	0893	30292		2347	14820
127	0150	0905 B	30510		2362	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	27724		2179	14675	0000	00000	6035
0010	0696 B	28149		2207	14701	0059	00003	5768
0020	0708	28421		2226	14711	0116	00012	5579
0030	0741	28791		2251	14730	0171	00026	5343
0050	0757	29037		2268	14743	0276	00069	5181
0075	0865	29923		2323	14801	0400	00147	4667
0100	0893	30292		2347	14820	0514	00249	4436
0125	0910 B	3040 I		2353	14832	0625	00376	4383
0151	0905 B	30510		2362	14836	0734	00529	4298

C-REF-NO 002	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-528W	HR 13.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0620 B	27238	645 B	2144	14657
135	0005	0635	27417		2156	14666
135	0010	0651	27556	611 B	2165	14675
135	0020	0708	28307	540 B	2217	14709
135	0030	0735	28625	510 B	2239	14726
135	0050	0766	28984	435 B	2263	14746
135	0075	0865	29992	400 B	2328	14801
135	0100	0880	30191	354 B	2341	14814
135	0150	0882	30454	270 B	2362	14826
135	0200	0875	30571	263 B	2372	14833
135	0250	0874	30563	243 B	2371	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	27238	645 B	2144	14657	0000	00000	6368
0010	0651	27556	611 B	2165	14675	0063	00003	6163
0020	0708	28307	540 B	2217	14709	0122	00012	5664
0030	0735	28625	510 B	2239	14726	0178	00026	5459
0050	0766	28984	435 B	2263	14746	0285	00070	5232
0075	0865	29992	400 B	2328	14801	0409	00148	4616
0100	0880	30191	354 B	2341	14814	0523	00250	4492
0125	0884	30343	307 B	2353	14821	0635	00378	4389
0151	0882	30454	270 B	2362	14826	0744	00532	4307
0176	0879	30529	262 B	2368	14830	0851	00710	4249
0201	0875	30571	263 B	2372	14833	0958	00914	4216
0226	0874	30583	253 B	2373	14837	1064	01145	4210
0251	0874	30563	243 B	2371	14841	1170	01403	4227

C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-323W	HR 15.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0610 B	26451	668 B	2083	14642
156	0005	0624	26376		2076	14648
156	0010	0664	27628		2170	14681
156	0020	0729	28550	565 B	2234	14721
156	0030	0750	28804	538 B	2251	14734
156	0050	0841	29864	485 B	2321	14787
156	0075	0844	30011	475 B	2333	14794
156	0099	0844	30173	465 B	2345	14800
156	0149	0880 B	30458	410 B	2362	14825
156	0199	0898	30636	346 B	2373	14842
156	0249	0902	30873	264 B	2391	14855
156	0298	0899	30972	230 B	2399	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26451	668 B	2083	14642	0000	00000	6951
0010	0664	27628	610 B	2170	14681	0065	00003	6122
0020	0729	28550	565 B	2234	14721	0124	00012	5508
0030	0750	28804	538 B	2251	14734	0178	00026	5345
0050	0841	29864	485 B	2321	14787	0279	00066	4674
0075	0844	30011	475 B	2333	14794	0395	00140	4572
0100	0845	30180	464 B	2346	14800	0508	00241	4450
0125	0861 B	30332	440 B	2355	14812	0619	00369	4363
0151	0881 B	30462	409 B	2362	14826	0728	00522	4298
0176	0891	3055 B	378 B	2368	14835	0835	00700	4250
0201	0898	30641	344 B	2374	14843	0941	00904	4198
0226	0901	3076 C	302 B	2383	14850	1046	01131	4116
0251	0902	30876	263 B	2391	14855	1148	01380	4037
*0301	0899	30974	229 B	2400	14864	1349	01946	3968

C-REF-NO 002	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 16.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	0350 B	22737		1813	14483
168	0005	0561	25604		2022	14612
168	0010	0642	27262		2143	14668
168	0020	0687	28228		2214	14700
168	0030	0725	28615		2239	14722
168	0050	0783	29139		2273	14755
168	0075	0826	29961		2331	14786
168	0100	0829	30132		2344	14794
168	0150	0899 B	30480		2361	14833
168	0200	0897	30623		2372	14842
168	0250	0902	30999		2401	14857
168	0300	0896	30951		2398	14862
168	0320	0902	30844		2389	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0350 B	22737		1813	14483	0000	00000	9554
0010	0642	27262		2143	14668	0080	00003	6373
0020	0687	28228		2214	14700	0140	00012	5699
0030	0725	28615		2239	14722	0196	00027	5454
0050	0783	29139		2273	14755	0302	00070	5138
0075	0826	29961		2331	14786	0424	00147	4585
0100	0829	30132		2344	14794	0538	00248	4465
0125	0863 D	3031 C		2354	14813	0649	00376	4377
0151	0899 B	30480		2361	14833	0758	00529	4313
0176	0902 B	3055 I		2366	14839	0866	00708	4268
0201	0897	30623		2372	14842	0972	00913	4210
0226	0900	3081 I		2387	14850	1077	01139	4078
0251	0902	30999		2401	14857	1178	01384	3947
0301	0896	30951		2398	14862	1377	01946	3980

C-REF-NO 002	YR 1968	DEPTH 360	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-403N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-163W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0610 B	25651		2020	14632
179	0005	0669	27783		2181	14685
179	0010	0690	28249		2215	14700
179	0020	0699	28373		2224	14707
179	0030	0724	28584		2237	14721
179	0050	0782	29173		2276	14755
179	0075	0803	29942		2333	14777
179	0100	0829	30084		2340	14793
179	0150	0862	30395		2360	14818
179	0200	0881	30587		2372	14836
179	0250	0900	30792		2385	14854
179	0300	0898	30911		2395	14863
179	0350	0902	30989		2400	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	25651		2020	14632	0000	00000	7554
0010	0690	28249		2215	14700	0066	00003	5686
0020	0699	28373		2224	14707	0123	00012	5604
0030	0724	28584		2237	14721	0179	00026	5477
0050	0782	29173		2276	14755	0285	00069	5111
0075	0803	29942		2333	14777	0406	00146	4568
0100	0829	30084		2340	14793	0520	00247	4500
0125	0848	3024 B		2350	14806	0632	00376	4411
0151	0862	30395		2360	14818	0742	00530	4321
0176	0872	3049 B		2366	14827	0849	00709	4264
0201	0881	30587		2372	14836	0956	00914	4214
0226	0892	3069 B		2379	14845	1061	01142	4154
0251	0900	30792		2385	14854	1165	01394	4097
0301	0898	30911		2395	14863	1369	01968	4013

C-REF-NO 002	YR 1968	DEPTH 358	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-352N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LDN 124-097W	HR 18.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
188	0000	0580 B	25255		1992	14615
188	0005	0614	26634		2097	14647
188	0010	0678	27353		2146	14683
188	0020	0690	28151		2207	14700
188	0030	0732	28670		2243	14725
188	0050	0814	29552		2301	14772
188	0075	0827	29972		2332	14787
188	0100	0819	30165		2348	14790
188	0150	0851 B	30413		2363	14814
188	0200	0891	30613		2373	14840
188	0250	0897	30879		2392	14854
188	0300	0900	30966		2399	14864
188	0340	0902	30984		2400	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0580 B	25255		1992	14615	0000	00000	7824
0010	0678	27353		2146	14683	0071	00003	6346
0020	0690	28151		2207	14700	0132	00012	5760
0030	0732	28670		2243	14725	0188	00027	5421
0050	0814	29552		2301	14772	0291	00068	4871
0075	0827	29972		2332	14787	0410	00144	4578
0100	0819	30165		2348	14790	0523	00245	4427
0125	0830 B	3030 B		2357	14800	0633	00371	4342
0151	0851 B	30413		2363	14814	0741	00524	4293
0176	0873 B	3051 B		2367	14827	0849	00702	4254
0201	0891	30613		2373	14840	0955	00906	4209
0226	0896	3075 C		2383	14848	1059	01133	4117
0251	0897	30879		2392	14854	1162	01382	4028
0301	0900	30966		2399	14864	1363	01949	3976

C-REF-NO 002	YR 1968	DEPTH 432	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 2	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 19.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0570 B	25406	711 B	2005	14612
199	0005	0654	27272	685 B	2143	14672
199	0010	0679	28013	641 B	2198	14692
199	0020	0692	28337	641 B	2222	14703
199	0030	0727	28658	598 B	2243	14723
199	0050	0783	29157	550 B	2274	14755
199	0075	0828	29754	505 B	2315	14784
199	0100	0819	30101	490 B	2343	14789
199	0150	0848 B	30352	440 B	2359	14812
199	0200	0840	30465	435 B	2369	14818
199	0250	0893 B	30812	300 B	2388	14851
199	0300	0896	30923	275	2396	14862
199	0400	0906	31036	254	2403	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	25406	711 B	2005	14612	0000	00000	7700
0010	0679	28013	641 B	2198	14692	0068	00003	5850
0020	0692	28337	641 B	2222	14703	0125	00012	5622
0030	0727	28658	598 B	2243	14723	0181	00026	5425
0050	0783	29157	550 B	2274	14755	0287	00069	5125
0075	0828	29754	505 B	2315	14784	0410	00147	4742
0100	0819	30101	490 B	2343	14789	0526	00250	4474
0125	0832 B	3022 I	464 B	2351	14800	0638	00379	4402
0151	0848 B	30352	440 B	2359	14812	0747	00533	4334
0176	0842 B	3040 I	443 C	2364	14814	0856	00713	4287
0201	0840	30465	435 B	2369	14818	0963	00918	4245
0226	0866 C	3063 I	369 D	2378	14835	1068	01148	4156
0251	0893 B	30812	300 B	2388	14851	1172	01399	4071
0301	0896	30923	275	2396	14862	1375	01970	4001
0402	0906	31036	254	2403	14884	1775	03402	3947

C-REF-NO 002	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-076W	HR 20.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
209	0000	0610 B	25650		2020	14632
209	0005	0658	27481		2159	14676
209	0010	0685	27927		2190	14694
209	0020	0713	28293		2216	14711
209	0030	0726	28610		2239	14722
209	0050	0765	28945		2260	14745
209	0075	0826	29967		2332	14786
209	0100	0822	30112		2344	14791
209	0150	0833 B	30352		2361	14806
209	0200	0856	30521		2371	14825
209	0250	0882	30728		2383	14846
209	0300	0899	30946		2397	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0610 B	25650		2020	14632	0000	00000	7555
0010	0685	27927		2190	14694	0068	00003	5923
0020	0713	28293		2216	14711	0126	00012	5681
0030	0726	28610		2239	14722	0182	00026	5461
0050	0765	28945		2260	14745	0289	00070	5261
0075	0826	29967		2332	14786	0413	00148	4580
0100	0822	30112		2344	14791	0526	00249	4470
0125	0825	30241		2353	14798	0637	00377	4382
0151	0833 B	30352		2361	14806	0747	00530	4312
0176	0844	3043 B		2366	14815	0854	00710	4266
0201	0856	30521		2371	14825	0961	00914	4226
0226	0869	30621		2376	14836	1067	01144	4174
0251	0882	30728		2383	14846	1171	01397	4118
0301	0899	30946		2397	14863	1375	01970	3988



C-REF-NO 002	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-507W	HR 22.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
228	0000	0620 B	25187		1983	14630
228	0005	0658	26512		2083	14664
228	0010	0707	27934		2188	14703
228	0020	0699	28279		2216	14706
228	0030	0698	28373		2224	14708
228	0050	0742	28676		2242	14733
228	0075	0845	29473		2290	14787
228	0100	0831	30014		2335	14793
228	0150	0826 B	30376		2364	14804
228	0200	0872	30733		2385	14834
228	0250	0886	30829		2390	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25187		1983	14630	0000	00000	7915
0010	0707	27934		2188	14703	0069	00003	5943
0020	0699	28279		2216	14706	0128	00012	5674
0030	0698	28373		2224	14708	0184	00026	5605
0050	0742	28676		2242	14733	0295	00071	5432
0075	0845	29473		2290	14787	0425	00154	4975
0100	0831	30014		2335	14793	0545	00260	4555
0125	0823	3019 I		2350	14796	0658	00390	4413
0151	0826 B	30376		2364	14804	0767	00543	4284
0176	0848 B	3057 D		2376	14819	0873	00720	4173
0201	0872	30733		2385	14834	0977	00919	4093
0226	0881	30808		2389	14843	1079	01141	4053
0251	0886	30829		2390	14849	1181	01389	4048

C-REF-NO 002	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-19N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-48W	HR 23.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	0600 B	26469	755 B	2086	14639
237	0005	0624	27052	747 B	2129	14657
237	0010	0683	27690	700 B	2172	14690
237	0020	0693	28295	673 B	2218	14703
237	0030	0708	28440	645 B	2228	14713
237	0050	0741	28718	614 B	2245	14733
237	0075	0811	29682	516 B	2311	14777
237	0100	0810	30050	506 B	2340	14785
237	0150	0827	30397	450 B	2365	14804
237	0200	0861	30689	370 B	2383	14829
237	0250	0883	30835	332 B	2391	14848
237	0300	0900	30960	282 B	2398	14864
237	0340	0905	31021	275 B	2402	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	26469	755 B	2086	14639	0000	00000	6927
0010	0683	27690	700 B	2172	14690	0065	00003	6098
0020	0693	28295	673 B	2218	14703	0124	00012	5655
0030	0708	28440	645 B	2228	14713	0180	00026	5566
0050	0741	28718	614 B	2245	14733	0290	00071	5400
0075	0811	29682	516 B	2311	14777	0418	00152	4773
0100	0810	30050	506 B	2340	14785	0534	00255	4501
0125	0816	3022 I	482 B	2353	14794	0646	00384	4382
0151	0827	30397	450 B	2365	14804	0755	00536	4272
0176	0844	30556	409 B	2375	14817	0861	00713	4180
0201	0861	30689	370 B	2383	14829	0965	00912	4109
0226	0873	3077 B	349 B	2388	14839	1068	01136	4067
0251	0883	30835	332 B	2391	14848	1170	01384	4040
0301	0900	30960	282 B	2398	14864	1371	01951	3980

C-REF-NO 002	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-453W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0600 B	25954		2045	14632
006	0005	0637	26869		2113	14660
006	0010	0683	27996		2196	14694
006	0020	0708	28468		2230	14712
006	0030	0722	28631		2241	14721
006	0050	0809	29274		2280	14767
006	0075	0797	29623		2309	14770
006	0100	0826	29990		2333	14791
006	0115	0812	30068		2342	14789

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	25954		2045	14632	0000	00000	7315
0010	0683	27996		2196	14694	0066	00003	5868
0020	0708	28468		2230	14712	0123	00012	5545
0030	0722	28631		2241	14721	0178	00026	5439
0050	0809	29274		2280	14767	0284	00068	5072
0075	0797	29623		2309	14770	0408	00147	4797
0100	0826	29990		2333	14791	0525	00252	4566

C-REF-NO 002	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 029
LAT 49-236N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0640 B	25363	695 B	1995	14641
020	0005	0642	25711	682 B	2022	14647
020	0010	0648	26056	655 B	2048	14654
020	0020	0733	28506	628 B	2230	14722
020	0030	0788	29140	558 B	2272	14753
020	0050	0788	29551	562 B	2304	14762
020	0075	0784	29723	546 B	2318	14767
020	0100	0808	29955	506 B	2333	14783
020	0160		30304	416 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	25363	695 B	1995	14641	0000	00000	7802
0010	0648	26056	655 B	2048	14654	0076	00004	7289
0020	0733	28506	628 B	2230	14722	0140	00013	5546
0030	0788	29140	558 B	2272	14753	0193	00027	5142
0050	0788	29551	562 B	2304	14762	0294	00067	4838
0075	0784	29723	546 B	2318	14767	0413	00144	4706
0100	0808	29955	506 B	2333	14783	0530	00248	4568

C-REF-NO 002	YR 1968	DEPTH 251	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-222W	HR 02.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	0630 B	25198		1983	14634
027	0005	0632	25508		2007	14640
027	0010	0659	26389		2073	14663
027	0020	0761	28622		2235	14735
027	0030	0790	29158		2273	14754
027	0050	0768	29528		2305	14754
027	0075	0787	29768		2322	14768
027	0100	0802	29931		2332	14780
027	0150	0855	30237		2349	14813
027	0200	0864	30586		2375	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	25198		1983	14634	0000	00000	7916
0010	0659	26389		2073	14663	0075	00004	7050
0020	0761	28622		2235	14735	0138	00013	5494
0030	0790	29158		2273	14754	0191	00026	5131
0050	0768	29528		2305	14754	0291	00067	4828
0075	0787	29768		2322	14768	0410	00143	4676
0100	0802	29931		2332	14780	0526	00247	4578
0125	0829 B	30083		2340	14797	0640	00378	4505
0151	0855	30237		2349	14813	0753	00535	4430
0176	0864	30407		2361	14823	0863	00718	4319
0201	0864	30586		2375	14829	0969	00923	4190

C-REF-NO 002	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-315N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-272W	HR 03.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
038	0000	0630 B	24038	725 B	1892	14619
038	0005	0619	25002	690 B	1968	14628
038	0010	0640	25616	662 B	2014	14646
038	0020	0762	28643	576 B	2237	14735
038	0030	0806	29294	534 B	2282	14762
038	0050	0800	29586	545 B	2306	14767
038	0075	0817	29810	515 B	2321	14781
038	0099	0866	30054	430	2333	14807
038	0149	0833	30305	405 B	2357	14805
038	0199	0896	30681	323 B	2377	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	24038	725 B	1892	14619	0000	00000	8793
0010	0640	25616	662 B	2014	14646	0082	00004	7611
0020	0762	28643	576 B	2237	14735	0148	00013	5479
0030	0806	29294	534 B	2282	14762	0200	00027	5050
0050	0800	29586	545 B	2306	14767	0300	00067	4826
0075	0817	29810	515 B	2321	14781	0419	00143	4686
0100	0866	30060	429	2333	14807	0535	00247	4570
0125	0849 I	3018 I	408 D	2345	14806	0648	00377	4457
0151	0834	30312	404 B	2358	14806	0759	00532	4343
0176	0857	3049 B	366 B	2368	14821	0867	00712	4248
*0201	0898	30689	321 B	2378	14843	0973	00914	4164

C-REF-NO 002	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LDN 123-144W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	0620 B	24899	539	1960	14626
052	0005	0699	26906	622 B	2109	14685
052	0010	0722	27601	605 B	2160	14704
052	0020	0760	28715	588 C	2243	14735
052	0030	0784	28937		2257	14749
052	0050	0807	29656	504 B	2310	14771
052	0075	0882	30111	355 B	2335	14809
052	0100	0882	30285	275 B	2348	14816
052	0150	0871	30300	234 C	2351	14820
052	0200	0871	30324	134 B	2353	14828
052	0215	0873	30323	118 B	2353	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	24899	539	1960	14626	0000	00000	8132
0010	0722	27601	605 B	2160	14704	0072	00003	6210
0020	0760	28715	588 C	2243	14735	0130	00012	5422
0030	0784	28937	568 C	2257	14749	0184	00026	5289
0050	0807	29656	504 B	2310	14771	0285	00066	4784
0075	0882	30111	355 B	2335	14809	0402	00141	4551
0100	0882	30285	275 B	2348	14816	0515	00242	4425
0125	0877	3029 I	248 D	2350	14818	0626	00369	4415
0151	0871	30300	234 C	2351	14820	0737	00525	4405
0176	0870	30314	183 C	2352	14824	0847	00709	4395
0201	0871	30324	134 B	2353	14828	0958	00921	4394

C-REF-NO 002	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 06.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	0590 B	24923	535 B	1965	14614
061	0005	0619	25063	476 C	1973	14629
061	0010	0676	26688	630 B	2094	14674
061	0020	0749	28512	581 B	2228	14728
061	0030	0782	28925	552 B	2256	14748
061	0050	0802	29572	533 B	2304	14768
061	0075	0809	29763	510 B	2318	14777
061	0100	0823	29958	473 B	2331	14789
061	0150	0817	30237	479	2354	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0590 B	24923	535 B	1965	14614	0000	00000	8084
0010	0676	26688	630 B	2094	14674	0075	00003	6843
0020	0749	28512	581 B	2228	14728	0137	00013	5561
0030	0782	28925	552 B	2256	14748	0191	00027	5295
0050	0802	29572	533 B	2304	14768	0293	00068	4840
0075	0809	29763	510 B	2318	14777	0413	00144	4709
0100	0823	29958	473 B	2331	14789	0530	00248	4586
0125	0825	30113	465 B	2343	14796	0643	00379	4476
0151	0817	30237	479	2354	14798	0755	00535	4377



C-REF-NO 002	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-196W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	0620 B	24637		1940	14623
070	0005	0620	24915		1961	14627
070	0010	0654	26067		2048	14657
070	0020	0755	28610		2235	14732
070	0030	0779	29151		2274	14750
070	0050	0797	29326		2286	14763
070	0075	0803	29794		2321	14775
070	0100	0837	29984		2331	14795
070	0150	0835	30225		2351	14805
070	0200	0894	30776		2385	14843
070	0220	0894	30926		2397	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0620 B	24637		1940	14623	0000	00000	8330
0010	0654	26067		2048	14657	0078	00004	7286
0020	0755	28610		2235	14732	0142	00013	5496
0030	0779	29151		2274	14750	0195	00027	5122
0050	0797	29326		2286	14763	0297	00068	5016
0075	0803	29794		2321	14775	0419	00145	4677
0100	0837	29984		2331	14795	0535	00249	4586
0125	0838 C	3010 I		2341	14801	0649	00380	4501
0151	0835	30225		2351	14805	0761	00538	4410
0176	0866 C	3050 I		2368	14825	0870	00718	4253
0201	0894	30776		2385	14843	0975	00919	4093

C-REF-NO 002	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-175W	HR 08.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 18-15	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0620 B	25477	675 B	2006	14634
080	0005	0628	25462	685 B	2004	14638
080	0010	0662	26293	653 B	2065	14663
080	0020	0727	28313	624 B	2216	14717
080	0030	0796	29078	561 B	2266	14756
080	0050	0815	29542	534 B	2300	14772
080	0075	0818	29762	510 B	2317	14780
080	0100	0803	29923	508 B	2331	14781
080	0150	0838 C	30173	464 B	2346	14806
080	0200	0870	30602	375 B	2375	14832
080	0230	0885	30850	310 B	2392	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25477	675 B	2006	14634	0000	00000	7695
0010	0662	26293	653 B	2065	14663	0074	00004	7125
0020	0727	28313	624 B	2216	14717	0138	00013	5683
0030	0796	29078	561 B	2266	14756	0193	00027	5198
0050	0815	29542	534 B	2300	14772	0294	00068	4879
0075	0818	29762	510 B	2317	14780	0415	00145	4722
0100	0803	29923	508 B	2331	14781	0531	00249	4585
0125	0815 C	3004 D	492 B	2339	14791	0646	00380	4515
0151	0838 C	30173	464 B	2346	14806	0758	00539	4454
0176	0855 B	3037 C	424 B	2360	14819	0869	00722	4328
0201	0870	30602	375 B	2375	14832	0975	00927	4186
0226	0883	30808	322 B	2389	14843	1079	01152	4055

C-REF-NO 002	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-200W	HR 09.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	0560 B	21558	736 B	1704	14558
090	0005	0687	25743	665 B	2019	14665
090	0010	0686	27792	645 B	2180	14692
090	0020	0731	28419	625 B	2223	14720
090	0030	0765	28925	581 B	2259	14742
090	0050		29323	555		
090	0075	0729	29521	595	2310	14746
090	0100	0810	29769	510 B	2318	14785
090	0150	0834 B	30462	465 B	2369	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0560 B	21558	736 B	1704	14558	0000	00000	10608
0010	0686	27792	645 B	2180	14692	0083	00003	6024
0020	0731	28419	625 B	2223	14720	0141	00012	5609
0030	0765	28925	581 B	2259	14742	0196	00026	5273
0050	0749 I	29323	555	2292	14744	0299	00067	4956
0075	0729	29521	595	2310	14742	0421	00145	4786
0100	0810	29769	510 B	2318	14781	0540	00252	4709
0125	0834 D	30084	477 C	2340	14799	0656	00385	4511
0151	0834 B	30462	465 B	2369	14808	0766	00539	4232

C-REF-NO 002	YR 1968	DEPTH 223	WAVES 1	XX AIR T	VIS
CONS. NO 037	MONTH 2	MXSAMPD 02	WAVES 2	XX WET B	STN 037
LAT 49-136N	DAY 14	NO.DPTH 10	WND-DIR	WW-CODE	
LON 123-207W	HR 09.9	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0470 B	17474		1389	14467
099	0005	0633	26880		2114	14658
099	0010	0657	27396		2152	14676
099	0020	0688	28298		2219	14701
099	0030	0723	28570		2236	14720
099	0050	0795	29391		2291	14763
099	0074	0738	29677		2321	14748
099	0099	0739	29895		2338	14755
099	0149	0788 C	30316		2364	14788
099	0198	0867	30756		2387	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0470 B	17474		1389	14467	0000	00000	13661
0010	0657	27396		2152	14676	0100	00003	6289
0020	0688	28298		2219	14701	0159	00012	5646
0030	0723	28570		2236	14720	0215	00026	5486
0050	0795	29391		2291	14763	0320	00069	4966
0075	0737	29687		2322	14748	0441	00145	4673
0100	0740	29903		2338	14756	0556	00248	4516
0125	0759 B	30113		2352	14770	0668	00377	4387
0151	0789 C	30325		2365	14789	0777	00530	4273
0176	0826 B	30547		2377	14810	0883	00706	4161
*0201	0871	30774		2388	14834	0986	00904	4061

C-REF-NO 002	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 14	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 10.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0600 B	26030		2051	14633
107	0005	0629	26172		2059	14647
107	0010	0680	27194		2134	14682
107	0020	0688	28122		2205	14699
107	0030	0720	28480		2230	14718
107	0050	0798	29312		2284	14763
107	0075	0840	29818		2318	14790
107	0100	0817	30143		2347	14789
107	0150	0836	30495		2371	14809
107	0200	0878	30819		2391	14837
107	0250	0892	30902		2395	14852
107	0280	0898	30972		2400	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0600 B	26030		2051	14633	0000	00000	7258
0010	0680	27194		2134	14682	0069	00003	6467
0020	0688	28122		2205	14699	0130	00013	5779
0030	0720	28480		2230	14718	0187	00027	5549
0050	0798	29312		2284	14763	0293	00070	5028
0075	0840	29818		2318	14790	0415	00147	4710
0100	0817	30143		2347	14789	0530	00250	4440
0125	0820 B	3031 I		2360	14796	0640	00376	4316
0151	0836	30495		2371	14809	0747	00527	4212
0176	0857	3067 C		2382	14824	0852	00700	4112
0201	0878	30819		2391	14837	0954	00897	4037
0226	0887	3087 D		2393	14846	1055	01117	4014
0251	0892	30902		2395	14852	1156	01362	4003

C-REF-NO 002	YR 1968	DEPTH 382	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 2	MXSAMPD 04	WAVES 2	XX	WET B	STN 039
LAT 49-097N	DAY 14	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-331W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0570 B	24753	754 B	1954	14604
117	0005	0607	26274	725 B	2070	14640
117	0010	0674	27476	665 B	2156	14683
117	0020	0701	28148	657 B	2206	14705
117	0030	0680	28247	656 B	2216	14699
117	0050	0774	28896	600 B	2255	14748
117	0075	0830	29692	510 B	2310	14784
117	0100	0822	30013	495 B	2336	14789
117	0150	0816 B	30379	465 B	2365	14800
117	0200	0846	30600	400 B	2378	14822
117	0250	0880	30811	335 B	2390	14846
117	0300	0898	30948	311 B	2398	14863
117	0360	0907	31059	245 B	2405	14878

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0570 B	24753	754 B	1954	14604	0000	00000	8193
0010	0674	27476	665 B	2156	14683	0072	00003	6249
0020	0701	28148	657 B	2206	14705	0133	00012	5775
0030	0680	28247	656 B	2216	14699	0190	00027	5677
0050	0774	28896	600 B	2255	14748	0300	00072	5307
0075	0830	29692	510 B	2310	14784	0427	00152	4790
0100	0822	30013	495 B	2336	14789	0544	00256	4545
0125	0816	3022 C	482 B	2353	14794	0656	00385	4379
0151	0816 B	30379	465 B	2365	14800	0765	00537	4269
0176	0828	3049 B	435 B	2373	14810	0871	00714	4200
0201	0846	30600	400 B	2378	14822	0976	00916	4154
0226	0864	30711	365 B	2384	14835	1080	01141	4100
0251	0880	30811	335 B	2390	14846	1182	01390	4053
0301	0898	30948	311 B	2398	14863	1384	01959	3985

C-REF-NO 002	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 14	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-368W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0620 B	25935		2042	14640
125	0005	0651	26770		2104	14664
125	0010	0669	27248		2139	14678
125	0020	0708	28177		2207	14708
125	0030	0742	28580		2235	14728
125	0050	0777	28936		2258	14750
125	0075	0800	29219		2277	14766
125	0113	0816	30068		2341	14790

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25935		2042	14640	0000	00000	7350
0010	0669	27248		2139	14678	0069	00003	6414
0020	0708	28177		2207	14708	0130	00012	5762
0030	0742	28580		2235	14728	0186	00027	5502
0050	0777	28936		2258	14750	0295	00071	5282
0075	0800	29219		2277	14766	0425	00154	5103
0100	0814	2973 C		2315	14782	0548	00264	4739

C-REF-NO 002	YR 1968	DEPTH 212	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-004N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0590 B	24590		1939	14610
137	0005	0648	27059		2127	14667
137	0010	0695	27857		2184	14697
137	0020	0704	28210		2210	14707
137	0030	0727	28485		2229	14721
137	0050	0744	29089		2274	14739
137	0075	0724	29570		2314	14741
137	0100	0729	29758		2328	14750
137	0150	0777 B	30274		2362	14783
137	0190	0835	30538		2375	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0590 B	24590		1939	14610	0000	00000	8336
0010	0695	27857		2184	14697	0072	00003	5987
0020	0704	28210		2210	14707	0130	00012	5732
0030	0727	28485		2229	14721	0187	00026	5555
0050	0744	29089		2274	14739	0294	00070	5126
0075	0724	29570		2314	14741	0418	00148	4743
0100	0729	29758		2328	14750	0535	00253	4612
0125	0748	3001 I		2346	14765	0649	00384	4447
0151	0777 B	30274		2362	14783	0759	00538	4294
0176	0811	30451		2372	14803	0866	00715	4211



C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 14	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 14.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	0000	0600 B	24470	712 B	1929	14613
144	0005	0688	27533	665 B	2159	14689
144	0010	0696	27840	630 B	2182	14697
144	0020	0700	28181	626 B	2209	14705
144	0030	0737	28648	594 B	2241	14727
144	0050	0762	29674	598 B	2318	14753
144	0075	0786	29147	540 B	2273	14760
144	0100	0751	29794	552	2328	14759
144	0150	0761 B	30066	538 B	2348	14774
144	0200	0833	30531	455 B	2375	14816
144	0250	0873	30773	350 B	2388	14843
144	0300	0889	30869	306 B	2393	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	24470	712 B	1929	14613	0000	00000	8437
0010	0696	27840	630 B	2182	14697	0072	00003	6000
0020	0700	28181	626 B	2209	14705	0131	00012	5749
0030	0737	28648	594 B	2241	14727	0187	00026	5444
0050	0762	29674	598 B	2318	14753	0289	00067	4711
0075	0786	29147	540 B	2273	14760	0413	00147	5138
0100	0751	29794	552	2328	14759	0535	00255	4613
0125	0745 B	2993 I	552	2340	14762	0650	00387	4507
0151	0761 B	30066	538 B	2348	14774	0762	00545	4427
0176	0795 B	3029 I	502 B	2362	14795	0871	00727	4303
0201	0833	30531	455 B	2375	14816	0978	00931	4186
0226	0856	30675	400 B	2383	14831	1082	01158	4117
0251	0873	30773	350 B	2388	14843	1185	01408	4071
0301	0889	30869	306 B	2393	14859	1389	01982	4030

C-REF-NO 002	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-222W	HR 15.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0000	0650 B	26133		2054	14655
152	0005	0689	26999		2117	14682
152	0010	0717	28365		2221	14712
152	0020	0708	28638		2243	14714
152	0030	0705	28767		2254	14716
152	0050	0713	29070		2277	14726
152	0075	0739	29290		2291	14743
152	0100	0752	29666		2318	14758
152	0150	0732 B	30020		2349	14762
152	0200	0825	30588		2380	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	26133		2054	14655	0000	00000	7232
0010	0717	28365		2221	14712	0064	00003	5631
0020	0708	28638		2243	14714	0120	00011	5417
0030	0705	28767		2254	14716	0174	00025	5317
0050	0713	29070		2277	14726	0278	00068	5101
0075	0739	29290		2291	14743	0405	00148	4971
0100	0752	29666		2318	14758	0526	00256	4710
0125	0739 D	2984 I		2334	14759	0642	00390	4563
0151	0732 B	30020		2349	14762	0755	00549	4424
0176	0767 B	3028 B		2365	14783	0865	00730	4274
0201	0825	30588		2380	14814	0970	00933	4133

C-REF-NO 002	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-056W	HR 16.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
165	0000	0670 B	28581	630 B	2244	14695
165	0005	0690	28524	635 B	2237	14703
165	0010	0689	28548	630 B	2239	14703
165	0020	0695	28639	627 B	2245	14709
165	0030	0700	28699	613 B	2249	14713
165	0050	0700	28864	625 B	2262	14718
165	0075	0718	29375	601 B	2300	14736
165	0100	0726	29783	564 B	2331	14749
165	0115	0725 B	29841	564 B	2336	14752

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0670 B	28581	630 B	2244	14695	0000	00000	5414
0010	0689	28548	630 B	2239	14703	0055	00003	5460
0020	0695	28639	627 B	2245	14709	0109	00011	5399
0030	0700	28699	613 B	2249	14713	0163	00025	5362
0050	0700	28864	625 B	2262	14718	0269	00068	5240
0075	0718	29375	601 B	2300	14736	0396	00149	4881
0100	0726	29783	564 B	2331	14749	0515	00255	4589

C-REF-NO 002	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-539N	DAY 14	NO.DPTH 9	WND-DIR		WW-CGDE	
LON 123-085W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0640 B	26031	794	2047	14649
172	0005	0663	27010	615 B	2121	14672
172	0010	0690	24506	615 B	1922	14652
172	0020	0704	28881	605 B	2263	14715
172	0029	0705	28922	610 B	2266	14718
172	0049	0708	29121	615 B	2281	14725
172	0074	0720	29378	600 B	2300	14737
172	0098	0729	29722	560 B	2326	14749
172	0118	0726	30073	557 B	2354	14755

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	26031	794	2047	14649	0000	00000	7299
0010	0690	24506	615 B	1922	14652	0079	00004	9501
0020	0704	28881	605 B	2263	14715	0148	00014	5230
0030	0705	28930	611 B	2267	14718	0200	00027	5195
0050	0708	29130	615 B	2282	14725	0303	00069	5050
0075	0721	29391	598 B	2301	14737	0427	00148	4873
0100	0729	29754	559 B	2328	14750	0546	00255	4614

C-REF-NO 002	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-514N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-107W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0620 B	26393		2078	14646
179	0005	0621	26437		2081	14648
179	0010	0635	26524		2086	14655
179	0020	0713	28255		2213	14711
179	0030	0739	28804		2252	14730
179	0050	0746	29108		2275	14740
179	0074	0741	29569		2312	14748
179	0099	0724	29716		2326	14747
179	0149	0728 B	30124		2357	14762

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	26393		2078	14646	0000	00000	7005
0010	0635	26524		2086	14655	0070	00004	6922
0020	0713	28255		2213	14711	0133	00013	5709
0030	0739	28804		2252	14730	0188	00027	5330
0050	0746	29108		2275	14740	0293	00070	5114
0075	0740	29578		2313	14748	0417	00148	4758
0100	0724	29724		2327	14747	0535	00253	4630
0125	0721	2992 I		2343	14753	0649	00385	4477
*0151	0728 B	30132		2358	14762	0760	00540	4336

C-REF-NO 002	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 047
LAT 48-494N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-063W	HR 18.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
186	0000	0680 B	26688		2094	14674
186	0005	0628	26730		2103	14654
186	0010	0656	27606		2169	14678
186	0020	0704	28126		2204	14706
186	0030	0743	28763		2249	14731
186	0050	0725	29002		2270	14730
186	0075	0729	29416		2302	14741
186	0100	0723	29692		2324	14746
186	0149	0732	30089		2354	14763
186	0174	0735	30143		2358	14769

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26688		2094	14674	0000	00000	6847
0010	0656	27606		2169	14678	0065	00003	6131
0020	0704	28126		2204	14706	0125	00012	5795
0030	0743	28763		2249	14731	0181	00026	5367
0050	0725	29002		2270	14730	0286	00069	5168
0075	0729	29416		2302	14741	0412	00149	4865
0100	0723	29692		2324	14746	0532	00256	4653
0125	0726	2993 C		2342	14755	0646	00388	4482
0151	0732	30093		2354	14763	0758	00544	4370
*0176	0735	30143		2358	14769	0867	00726	4340

C-REF-NO 002	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET. B	STN 048
LAT 48-517N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-032W	HR 19.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
195	0000	0720 B	28854		2259	14718
195	0005	0711	29103		2279	14719
195	0010	0709	29162		2284	14719
195	0020	0708	29234		2290	14721
195	0030	0712	29335		2298	14726
195	0049	0715	29488		2309	14732
195	0074	0722	29566		2314	14740
195	0099	0721	29595		2317	14744
195	0148	0723 B	29659		2322	14754
195	0198	0723	29820		2334	14764

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28854		2259	14718	0000	00000	5268
0010	0709	29162		2284	14719	0052	00003	5024
0020	0708	29234		2290	14721	0102	00010	4971
0030	0712	29335		2298	14726	0151	00023	4899
0050	0715	29493		2309	14733	0249	00063	4788
0075	0722	29568		2314	14740	0368	00139	4743
0100	0721	29596		2317	14744	0487	00245	4723
0125	0722	29623		2319	14749	0605	00382	4705
0151	0723 B	29664		2322	14754	0723	00547	4679
0176	0723	29735		2327	14759	0840	00742	4629
*0201	0723	29828		2335	14764	0955	00963	4561

C-REF-NO 002	YR 1968	DEPTH 139	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 14	NO. DPTH 9	WND-DIR		WW-CODE	
LON 122-597W	HR 20.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	0720 B	28452	640 B	2227	14713
208	0005	0708	28404	646 B	2225	14708
208	0010	0694	28543	626 B	2238	14705
208	0020	0694	28653	616 B	2246	14708
208	0030	0704	28923	602 B	2266	14717
208	0049	0711	29269	591 B	2292	14728
208	0074	0720	29350	588 B	2298	14737
208	0098	0720	29396	581 B	2301	14741
208	0118	0717 C	29468	585 B	2307	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0720 B	28452	640 B	2227	14713	0000	00000	5569
0010	0694	28543	626 B	2238	14705	0055	00003	5471
0020	0694	28653	616 B	2246	14708	0110	00011	5387
0030	0704	28923	602 B	2266	14717	0163	00025	5198
0050	0711	29277	591 B	2293	14728	0265	00066	4946
0075	0720	29352	588 B	2298	14737	0388	00145	4902
0100	0720	29402	581 B	2302	14741	0511	00255	4866



C-REF-NO 002	YR 1968	DEPTH 22	WAVES 1	XX	AIR T	VTS
CONS. NO 050	MONTH 2	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 14	NO.DPTH 5	WND-DIR		WW-CODE	
LON 122-560W	HR 21.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	0730 B	28428		2224	14717
215	0005	0706	28349		2221	14707
215	0010	0701	28439		2229	14707
215	0015	0693	28469		2232	14705
215	0018	0694	28619		2244	14708

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28428		2224	14717	0000	00000	5599
0010	0701	28439		2229	14707	0056	00003	5556

C-REF-NO 002	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-468N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0710 B	28047		2197	14704
227	0005	0693	27892	643 B	2187	14696
227	0010	0697	28117		2204	14701
227	0020	0702	28652	622 B	2245	14712
227	0030	0702	28936	605 B	2268	14717
227	0050	0706	29163	605 B	2285	14725
227	0075	0725	29599	575 B	2317	14742
227	0100	0723	29653	575 B	2321	14746
227	0150	0728 B	29907	561 B	2340	14759

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	28047		2197	14704	0000	00000	5861
0010	0697	28117	636 B	2204	14701	0058	00003	5794
0020	0702	28652	622 B	2245	14712	0115	00011	5398
0030	0702	28936	605 B	2268	14717	0168	00025	5187
0050	0706	29163	605 B	2285	14725	0270	00067	5023
0075	0725	29599	575 B	2317	14742	0392	00144	4723
0100	0723	29653	575 B	2321	14746	0510	00250	4682
0125	0725	2978 I	568 B	2331	14753	0627	00384	4594
0151	0728 B	29907	561 B	2340	14759	0741	00544	4504

C-REF-NO 002	YR 1968	DEPTH 104	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-390N	DAY 14	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-433W	HR 23.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0760 B	29195	610 B	2280	14738
238	0005	0714	29201	612	2287	14721
238	0010	0708	29212	601 B	2288	14720
238	0020	0704	29237	617 B	2291	14720
238	0030	0705	29255	594	2292	14722
238	0050	0705	29298	608 B	2296	14726
238	0075	0712	29299	600 B	2295	14733
238	0090	0711	29294	591 B	2294	14735

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	29195	610 B	2280	14738	0000	00000	5063
0010	0708	29212	601 B	2288	14720	0050	00003	4985
0020	0704	29237	617 B	2291	14720	0100	00010	4963
0030	0705	29255	594	2292	14722	0150	00023	4951
0050	0705	29298	608 B	2296	14726	0249	00063	4920
0075	0712	29299	600 B	2295	14733	0373	00142	4932

C-REF-NO 002	YR 1968	DEPTH 66	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 2	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 15	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0740 B	29261		2288	14731
006	0005	0711	29239		2290	14720
006	0010	0707	29284		2294	14720
006	0020	0704	29304		2296	14721
006	0030	0704	29329		2298	14723
006	0050	0702	29367		2301	14726

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29261		2288	14731	0000	00000	4988
0010	0707	29284		2294	14720	0050	00003	4931
0020	0704	29304		2296	14721	0099	00010	4913
0030	0704	29329		2298	14723	0148	00023	4895
0050	0702	29367		2301	14726	0246	00063	4865

C-REF-NO 002	YR 1968	DEPTH 79	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 2	MXSAMPD 00	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 15	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-443W	HR 01.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	0740 B	29435	601 B	2302	14734
014	0005	0718	29472	605 B	2307	14726
014	0010	0711	29556	593 B	2315	14725
014	0020	0706	29569	585 B	2317	14725
014	0030	0706	29572	585 B	2317	14727
014	0050	0706	29657	588 B	2324	14731

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29435	601 B	2302	14734	0000	00000	4858
0010	0711	29556	593 B	2315	14725	0048	00002	4731
0020	0706	29569	585 B	2317	14725	0096	00010	4717
0030	0706	29572	585 B	2317	14727	0143	00022	4714
0050	0706	29657	588 B	2324	14731	0237	00060	4655

C-REF-NO 002	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-456N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-587W	HR 03.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
036	0000	0680 B	26608		2088	14673
036	0005	0697	27742		2175	14695
036	0010	0709	28144		2205	14706
036	0020	0726	28765		2251	14723
036	0030	0718	29460		2307	14730
036	0050	0720	29633		2320	14736
036	0075	0727	29718		2326	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26608		2088	14673	0000	00000	6908
0010	0709	28144		2205	14706	0064	00003	5787
0020	0726	28765		2251	14723	0119	00011	5343
0030	0718	29460		2307	14730	0170	00024	4814
0050	0720	29633		2320	14736	0266	00063	4689
0075	0727	29718		2326	14744	0383	00138	4637

C-REF-NO 002	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-463N	DAY 15	NO.DPTH 10	WND-DIR		HW-CODE	
LON 123-015W	HR 04.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0720 B	28869	607	2260	14718
043	0005	0721	28895	619 B	2262	14720
043	0010	0722	28982	613 B	2269	14722
043	0020	0723	29144	606 B	2281	14726
043	0030	0724	29270	590 B	2291	14730
043	0050	0723	29666	580 B	2322	14738
043	0075	0728	29710	575 B	2325	14745
043	0100	0726	29748	571 B	2328	14748
043	0150	0724 B	29889	566 B	2339	14758
043	0199	0722	30057	560 B	2353	14767

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28869	607	2260	14718	0000	00000	5257
0010	0722	28982	613 B	2269	14722	0052	00003	5175
0020	0723	29144	606 B	2281	14726	0104	00010	5056
0030	0724	29270	590 B	2291	14730	0154	00023	4963
0050	0723	29666	580 B	2322	14738	0251	00063	4668
0075	0728	29710	575 B	2325	14745	0367	00137	4644
0100	0726	29748	571 B	2328	14748	0484	00241	4615
0125	0725	29811	568 B	2333	14753	0599	00374	4569
0151	0724 B	29889	566 B	2339	14758	0713	00534	4512
0176	0723	29970	563 B	2346	14762	0826	00721	4452
*0201	0722	30061	560 B	2353	14767	0937	00934	4386

C-REF-NO 002	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-441N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-081W	HR 04.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
049	0000	0680 B	28860		2264	14702
049	0005	0717	29003		2271	14720
049	0010	0714	29093		2278	14720
049	0020	0710	29255		2292	14723
049	0030	0711	29289		2294	14725
049	0050	0713	29598		2318	14733
049	0074	0718	29837		2336	14742
049	0099	0720	30056		2353	14750
049	0129	0721	30189		2363	14757

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28860		2264	14702	0000	00000	5216
0010	0714	29093		2278	14720	0052	00003	5082
0020	0710	29255		2292	14723	0102	00010	4957
0030	0711	29289		2294	14725	0152	00023	4933
0050	0713	29598		2318	14733	0248	00062	4706
0075	0718	29847		2337	14742	0364	00136	4529
0100	0720	30062		2354	14750	0476	00236	4373
0126	0721	30179		2362	14756	0585	00361	4290



C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 058
LAT 48-430N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-142W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0680 B	28807		2260	14702
064	0005	0714	29049		2275	14719
064	0010	0711	29119		2281	14720
064	0020	0708	29179		2286	14721
064	0030	0710	29207		2288	14724
064	0050	0711	29285		2294	14728
064	0075	0718	29445		2305	14737
064	0100	0715	29683		2324	14743
064	0150	0722	30338		2375	14763
064	0199	0721	30405		2380	14771
064	0249	0723	30474		2385	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28807		2260	14702	0000	00000	5256
0010	0711	29119		2281	14720	0052	00003	5058
0020	0708	29179		2286	14721	0102	00010	5012
0030	0710	29207		2288	14724	0152	00023	4993
0050	0711	29285		2294	14728	0252	00064	4938
0075	0718	29445		2305	14737	0375	00142	4830
0100	0715	29683		2324	14743	0494	00248	4649
0125	0718	3001 I		2350	14753	0607	00379	4411
0151	0722	30338		2375	14763	0715	00530	4175
0176	0722	3037 I		2378	14767	0820	00704	4151
0201	0721	30407		2380	14771	0924	00904	4127
0226	0722	3045 C		2384	14776	1027	01129	4097
*0251	0723	30474		2385	14781	1130	01379	4085

C-REF-NO 002	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-378N	DAY 15	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-147W	HR 07.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0690 B	29327	594 B	2300	14712
071	0005	0708	29199	609	2287	14719
071	0010	0706	29244	597	2291	14719
071	0020	0705	29283	610 B	2294	14721
071	0030	0707	29341	590 B	2299	14724
071	0050	0707	29450	600 B	2307	14729
071	0075	0716	29598	585 B	2318	14738
071	0099	0715	29622	580 B	2320	14742
071	0149	0723	30457	545 B	2384	14764
071	0199	0728	30868	529 B	2416	14780

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	29327	594 B	2300	14712	0000	00000	4878
0010	0706	29244	597	2291	14719	0049	00003	4959
0020	0705	29283	610 B	2294	14721	0099	00010	4930
0030	0707	29341	590 B	2299	14724	0148	00023	4889
0050	0707	29450	600 B	2307	14729	0246	00062	4810
0075	0716	29598	585 B	2318	14738	0365	00139	4712
0100	0715	2963 B	579 B	2321	14743	0483	00244	4685
0125	0718	3005 I	563 B	2353	14753	0597	00375	4377
0151	0723	30468	545 B	2385	14765	0703	00524	4079
0176	0726	3070 D	535 B	2403	14773	0803	00690	3908
*0201	0728	30873	529 B	2416	14780	0900	00876	3790

C-REF-NO 002	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 07.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
078	0000	0700 B	29416		2305	14717
078	0005	0711	29432		2305	14723
078	0010	0710	29442		2306	14723
078	0020	0710	29516		2312	14726
078	0030	0711	29691		2326	14730
078	0049	0713	29871		2339	14736
078	0074	0721	30070		2354	14746
078	0099	0722	30215		2365	14753
078	0148	0728 B	30738		2405	14770
078	0197	0728	30875		2416	14780
078	0257	0730	30927		2420	14791

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29416		2305	14717	0000	00000	4823
0010	0710	29442		2306	14723	0048	00002	4816
0020	0710	29516		2312	14726	0096	00010	4762
0030	0711	29691		2326	14730	0144	00022	4631
0050	0713	29880		2340	14737	0235	00059	4496
0075	0721	30075		2354	14747	0346	00130	4361
0100	0722	30226		2366	14753	0455	00227	4254
0126	0725	3049 I		2387	14762	0559	00347	4061
0151	0728 B	30748		2406	14770	0659	00487	3875
0176	0728	3084 D		2414	14776	0755	00647	3809
0201	0728	30882		2417	14780	0851	00831	3782
0226	0729	3092 B		2420	14785	0945	01037	3755
*0251	0730	30931		2420	14790	1040	01266	3754

C-REF-NO 002	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-093W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	0710 B	29448		2307	14722
087	0004	0706	29441		2307	14721
087	0009	0713	29606		2319	14727
087	0017	0711	29717		2328	14728
087	0026	0715	29960		2346	14735
087	0043	0714	30208		2366	14740
087	0065	0724	30308		2372	14749
087	0087	0725	30496		2387	14756
087	0130	0725 B	30589		2394	14764
087	0173	0732	31148		2437	14781
087	0217	0738	31352		2452	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	29448		2307	14722	0000	00000	4811
0010	0713	2962 B		2320	14727	0048	00002	4685
0020	0712	2979 C		2334	14730	0094	00009	4555
0030	0715	3003 B		2352	14736	0139	00021	4378
0050	0717	3024 D		2368	14743	0225	00056	4225
0075	0725	3039 C		2379	14752	0330	00123	4130
0100	0725	3052 I		2389	14758	0433	00215	4034
0126	0725 B	3057 I		2393	14763	0534	00331	3997
0151	0728	3084 I		2414	14772	0632	00469	3801
0176	0732	31162		2438	14781	0724	00623	3576
0201	0736	3130 D		2448	14789	0813	00793	3481

C-REF-NO 002	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-026W	HR 09.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0700 B	29767	599 B	2333	14722
097	0005	0710	29738	597 B	2329	14726
097	0010	0709	29745	592 B	2330	14727
097	0020	0711	29895	597	2342	14731
097	0030	0714	29979	578 B	2348	14735
097	0049	0713	30051	590 B	2354	14739
097	0074	0729	30495	551	2386	14755
097	0098	0731		574		
097	0118	0732	30952	525 B	2422	14773

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29767	599 B	2333	14722	0000	00000	4560
0010	0709	29745	592 B	2330	14727	0046	00002	4587
0020	0711	29895	597	2342	14731	0091	00009	4479
0030	0714	29979	578 B	2348	14735	0136	00021	4421
0050	0714	30066	588 B	2355	14739	0224	00057	4357
0075	0729	30508	552	2387	14755	0330	00124	4050
0100	0731	3076 I	571	2407	14764	0429	00213	3863

C-REF-NO 002	YR 1968	DEPTH 159	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-146N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-590W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0000	0700 B	30048	597 B	2355	14726
108	0005	0712	30038	600 B	2353	14731
108	0010	0713	30042	582 B	2353	14732
108	0020	0717	30079	582 B	2355	14736
108	0029	0720	30176	565 B	2362	14740
108	0049	0725	30411	570 B	2380	14748
108	0074	0739	31120	518 B	2434	14767
108	0098	0749	31666	482 B	2475	14782
108	0142	0763 B	32225	457 B	2517	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30048	597 B	2355	14726	0000	00000	4350
0010	0713	30042	582 B	2353	14732	0044	00002	4369
0020	0717	30079	582 B	2355	14736	0088	00009	4348
0030	0720	30184	565 B	2363	14740	0131	00020	4276
0050	0726	3043 B	568 B	2382	14749	0215	00054	4094
0075	0739	31146	516 B	2436	14768	0311	00115	3587
0100	0750	31703	480 B	2478	14783	0397	00191	3187
0126	0758	32075	460 B	2506	14795	0473	00279	2926

C-REF-NO 002	YR 1968	DEPTH 91	WAVES 1	XX AIR T	VIS
CONS. NO 064	MONTH 2	MXSAMPD 01	WAVES 2	XX WET B	STN 064
LAT 48-122N	DAY 15	NO.DPTH 7	WND-DIR	WW-CODE	
LON 123-059W	HR 11.6	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
116	0000	0700 B	30837		2417	14736
116	0005	0729	30921		2420	14749
116	0010	0729	31047		2430	14752
116	0020	0730	31161		2438	14755
116	0030	0735	31362		2453	14761
116	0050	0743	31635		2474	14771
116	0075	0770	32263		2519	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30837		2417	14736	0000	00000	3759
0010	0729	31047		2430	14752	0037	00002	3638
0020	0730	31161		2438	14755	0073	00007	3556
0030	0735	31362		2453	14761	0108	00016	3414
0050	0743	31635		2474	14771	0175	00043	3223
0075	0770	32263		2519	14794	0251	00091	2794

C-REF-NO 002	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 15	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 12.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0720 B	30046	590 B	2352	14734
123	0005	0722	30031	587 B	2351	14735
123	0010	0720	30030	580 B	2351	14735
123	0019	0724	30319	565 B	2373	14742
123	0028	0730	30817	532 B	2411	14752
123	0047	0731	31032	536 B	2428	14758
123	0071	0737	31062	535 B	2430	14765
123	0094	0751	31612	484 B	2471	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30046	590 B	2352	14734	0000	00000	4376
0010	0720	30030	580 B	2351	14735	0044	00002	4388
0020	0725	3037 C	561 B	2377	14743	0087	00009	4136
0030	0730	3084 I	530 B	2413	14753	0127	00019	3798
0050	0731	3103 I	538 B	2428	14759	0202	00049	3655
0075	0739	3112 B	529 B	2435	14767	0293	00108	3598



C-REF-NO 002	YR 1968	DEPTH 95	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-194N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-141W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	0730 B	30283		2369	14741
130	0005	0720	30200		2364	14736
130	0010	0723	30242		2367	14739
130	0020	0726	30614		2396	14747
130	0030	0730	30787		2409	14752
130	0050	0748	31588		2469	14773
130	0075	0768	32146		2510	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30283		2369	14741	0000	00000	4211
0010	0723	30242		2367	14739	0042	00002	4233
0020	0726	30614		2396	14747	0084	00008	3960
0030	0730	30787		2409	14752	0123	00018	3837
0050	0748	31588		2469	14773	0194	00047	3263
0075	0768	32146		2510	14792	0271	00096	2879

C-REF-NO 002	YR 1968	DEPTH 108	WAVES 1 XX	AIR T	VIS
CONS. NO 067	MONTH 2	MXSAMPD 01	WAVES 2 XX	WET B	STN 067
LAT 48-228N	DAY 15	NO.DPTH 8	WND-DIR	WW-CODE	
LON 123-182W	HR 13.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0710 B	30262		2370	14732
137	0005	0719	30238		2367	14736
137	0010	0718	30247		2368	14737
137	0020	0716	30256		2369	14738
137	0030	0719	30358		2377	14742
137	0049	0719	30423		2382	14746
137	0074	0730	30517		2388	14756
137	0084	0734	30768		2407	14762

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30262		2370	14732	0000	00000	4201
0010	0718	30247		2368	14737	0042	00002	4223
0020	0716	30256		2369	14738	0085	00009	4215
0030	0719	30358		2377	14742	0127	00019	4144
0050	0719	3041 B		2382	14746	0209	00053	4100
0075	0730	30538		2389	14756	0312	00118	4029

C-REF-NO 002	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-122N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-433W	HR 15.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	0720 B	31042		2430	14747
155	0005	0730	31054		2430	14751
155	0010	0728	31068		2431	14752
155	0020	0733	31188		2440	14757
155	0030	0740	31284		2447	14762
155	0050	0748	31703		2478	14774
155	0075	0774	32158		2510	14794
155	0100	0803	32723		2551	14817
155	0115	0814	32843		2558	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31042		2430	14747	0000	00000	3631
0010	0728	31068		2431	14752	0036	00002	3622
0020	0733	31188		2440	14757	0072	00007	3539
0030	0740	31284		2447	14762	0108	00016	3478
0050	0748	31703		2478	14774	0175	00044	3179
0075	0774	32158		2510	14794	0251	00092	2878
0101	0803	32723		2551	14817	0318	00152	2501

C-REF-NO 002	YR 1968	DEPTH 177	WAVES 1 XX	AIR T	VIS
CONS. NO 069	MONTH 2	MXSAMPD 01	WAVES 2 XX	WET B	STN 069
LAT 48-157N	DAY 15	NO.DPTH 9	WND-DIR	WW-CODE	
LON 123-430W	HR 16.2	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0720 B	30906	573 B	2420	14745
162	0005	0727	30875	569 B	2416	14748
162	0010	0725	30876	565 B	2417	14748
162	0020	0728	30922	560 B	2420	14751
162	0030	0729	30948	540 B	2422	14754
162	0049	0734	31167	540 B	2438	14762
162	0074	0745	31833	501 B	2489	14779
162	0099	0811	32941	440 B	2566	14823
162	0148	0806	33470	354 B	2609	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30906	573 B	2420	14745	0000	00000	3733
0010	0725	30876	565 B	2417	14748	0038	00002	3761
0020	0728	30922	560 B	2420	14751	0075	00008	3732
0030	0729	30948	540 B	2422	14754	0113	00017	3716
0050	0734	31185	539 B	2440	14762	0186	00047	3547
0075	0748	3187 B	499 B	2492	14780	0269	00099	3050
0101	0812	32969	438 B	2568	14824	0336	00159	2331
0126	0824 B	3322 I	391 B	2586	14836	0393	00224	2165
*0151	0803	3345 C	351 B	2608	14835	0445	00297	1964

C-REF-NO 002	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-194N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-431W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0720 B	30702		2404	14742
179	0005	0711	30670		2402	14739
179	0010	0709	30666		2402	14739
179	0020	0709	30676		2403	14741
179	0030	0716	30765		2409	14746
179	0050	0727	30779		2409	14754
179	0075	0742	31326		2450	14771
179	0100	0772	32958		2573	14808
179	0125	0772	33316		2601	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0720 B	30702		2404	14742	0000	00000	3885
0010	0709	30666		2402	14739	0039	00002	3898
0020	0709	30676		2403	14741	0078	00008	3892
0030	0716	30765		2409	14746	0117	00018	3836
0050	0727	30779		2409	14754	0194	00050	3841
0075	0742	31326		2450	14771	0286	00108	3456
0101	0772	32958		2573	14808	0358	00170	2284
0126	0772	33316		2601	14817	0412	00232	2021

C-REF-NO 002	YR 1968	DEPTH 119	WAVES 1 XX	AIR T	VIS
CONS. NO 071	MONTH 2	MXSAMPD 01	WAVES 2 XX	WET B	STN 071
LAT 48-222N	DAY 15	NO.DPTH 8	WND-DIR	HW-CODE	
LON 124-006W	HR 18.0	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	0710 B	30789		2412	14739
180	0005	0711	30707		2405	14739
180	0010	0709	30709		2406	14739
180	0020	0707	30719		2407	14740
180	0030	0719	30774		2409	14748
180	0050	0724	30832		2413	14754
180	0075	0733	31012		2426	14763
180	0100	0769	33135		2588	14809

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30789		2412	14739	0000	00000	3807
0010	0709	30709		2406	14739	0039	00002	3865
0020	0707	30719		2407	14740	0077	00008	3858
0030	0719	30774		2409	14748	0116	00018	3833
0050	0724	30832		2413	14754	0193	00049	3798
0075	0733	31012		2426	14763	0287	00109	3677
0101	0769	33135		2588	14809	0360	00172	2148

C-REF-NO 002	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 072
LAT 48-187N	DAY 15	NO.DPTH 10	WNO-DIR		WW-CODE	
LON 124-040W	HR 18.7	W-COLOR	WNO-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0730 B	30840	580 B	2413	14748
187	0005	0722	30811	576 B	2412	14745
187	0010	0720	30811		2412	14745
187	0020	0719	30830	580 B	2414	14747
187	0030	0723	30886	552 B	2418	14751
187	0049	0733	31129	530 B	2435	14761
187	0074	0735	31470	538 B	2462	14770
187	0099	0793	32690	460 B	2549	14813
187	0148	0791 B	33630	315 B	2623	14832
187	0173	0791	33619	315 B	2622	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30840	580 B	2413	14748	0000	00000	3795
0010	0720	30811	579 B	2412	14745	0038	00002	3803
0020	0719	30830	580 B	2414	14747	0076	00008	3789
0030	0723	30886	552 B	2418	14751	0114	00018	3754
0050	0733	3113 B	531 B	2436	14761	0188	00048	3583
0075	0737	3151 C	536 B	2465	14772	0275	00103	3308
0101	0794	32725	456 B	2552	14814	0347	00167	2487
0126	0801 D	3318 I	370 C	2587	14827	0406	00233	2156
0151	0791 B	33642	313 B	2624	14833	0456	00303	1809

C-REF-NO 002	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-069W	HR 19.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000	0720 B	31398		2458	14751
194	0005	0726	31368		2455	14754
194	0010	0723	31368		2455	14754
194	0020	0721	31574		2472	14757
194	0030	0734	31374		2454	14761
194	0049	0738	31767		2485	14771
194	0074	0787	32271		2517	14801
194	0099	0832	32802		2552	14829
194	0148	0829	33267		2589	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0720 B	31398		2458	14751	0000	00000	3365
0010	0723	31368		2455	14754	0034	00002	3391
0020	0721	31574		2472	14757	0067	00007	3236
0030	0734	31374		2454	14761	0101	00015	3403
0050	0740	31787		2486	14772	0166	00042	3105
0075	0789	32294		2519	14802	0240	00089	2797
0101	0833	32818		2554	14830	0307	00148	2473
0126	0844	3313 C		2576	14842	0366	00216	2262
*0151	0827	33272		2590	14841	0421	00294	2135



C-REF-NO 002	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 074
LAT 48-252N	DAY 15	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-356W	HR 21.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	0750 B	31433		2457	14763
212	0005	0738	31387		2455	14759
212	0010	0735	31392		2456	14759
212	0019	0737	31474		2462	14762
212	0029	0757	31729		2479	14775
212	0048	0794	32162		2508	14798
212	0072	0845	32633		2537	14827
212	0097	0848	33089		2572	14839
212	0145	0820	33559		2613	14842
212	0169	0805	33660		2624	14841

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	31433		2457	14763	0000	00000	3377
0010	0735	31392		2456	14759	0034	00002	3388
0020	0739	31496		2463	14763	0068	00007	3317
0030	0759	31753		2481	14776	0100	00015	3153
0050	0799	32203		2510	14801	0161	00040	2874
0075	0847	32692		2542	14829	0229	00083	2583
0101	0847	33131		2576	14839	0290	00137	2261
0126	0835	3341 C		2600	14842	0344	00199	2035
0151	0817	33588		2616	14842	0394	00269	1887

C-REF-NO 002	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-281N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-330W	HR 21.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219	0000	0720 B	30806	676 B	2412	14743
219	0005	0716	30792	594 B	2411	14742
219	0010	0714	30762	616 B	2409	14742
219	0020	0711	30798	600 B	2412	14743
219	0030	0724	31008	550 B	2427	14753
219	0050	0726	31017	544 B	2428	14757
219	0075	0818	32532	540 B	2533	14816
219	0100	0850	33168	443 B	2578	14841
219	0150	0786	33664	306 B	2627	14831
219	0200	0785	33736	302 B	2633	14840
219	0220	0786	33745	304 B	2633	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30806	676 B	2412	14743	0000	00000	3807
0010	0714	30762	616 B	2409	14742	0038	00002	3833
0020	0711	30798	600 B	2412	14743	0077	00008	3803
0030	0724	31008	550 B	2427	14753	0114	00017	3664
0050	0726	31017	544 B	2428	14757	0188	00048	3663
0075	0818	32532	540 B	2533	14816	0267	00097	2660
0101	0850	33168	443 B	2578	14841	0329	00151	2239
0126	0818 I	3341 I	361 B	2603	14836	0382	00213	2012
0151	0786	33664	306 B	2627	14831	0430	00280	1786
0176	0781 B	3370 I	295 C	2630	14834	0475	00354	1757
0201	0785	33736	302 B	2633	14840	0519	00439	1740

C-REF-NO 002	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-314N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 22.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0730 B	30729		2404	14746
226	0005	0717	30695		2404	14742
226	0010	0714	30694		2404	14741
226	0020	0709	30704		2405	14741
226	0030	0707	30715		2406	14742
226	0050		30787			
226	0075	0768	32806		2562	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30729		2404	14746	0000	00000	3877
0010	0714	30694		2404	14741	0039	00002	3883
0020	0709	30704		2405	14741	0078	00008	3871
0030	0707	30715		2406	14742	0117	00018	3862
0050	0720 B	30787		2410	14752	0194	00050	3827
0075	0768	32806		2562	14801	0272	00097	2387