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Alaska District

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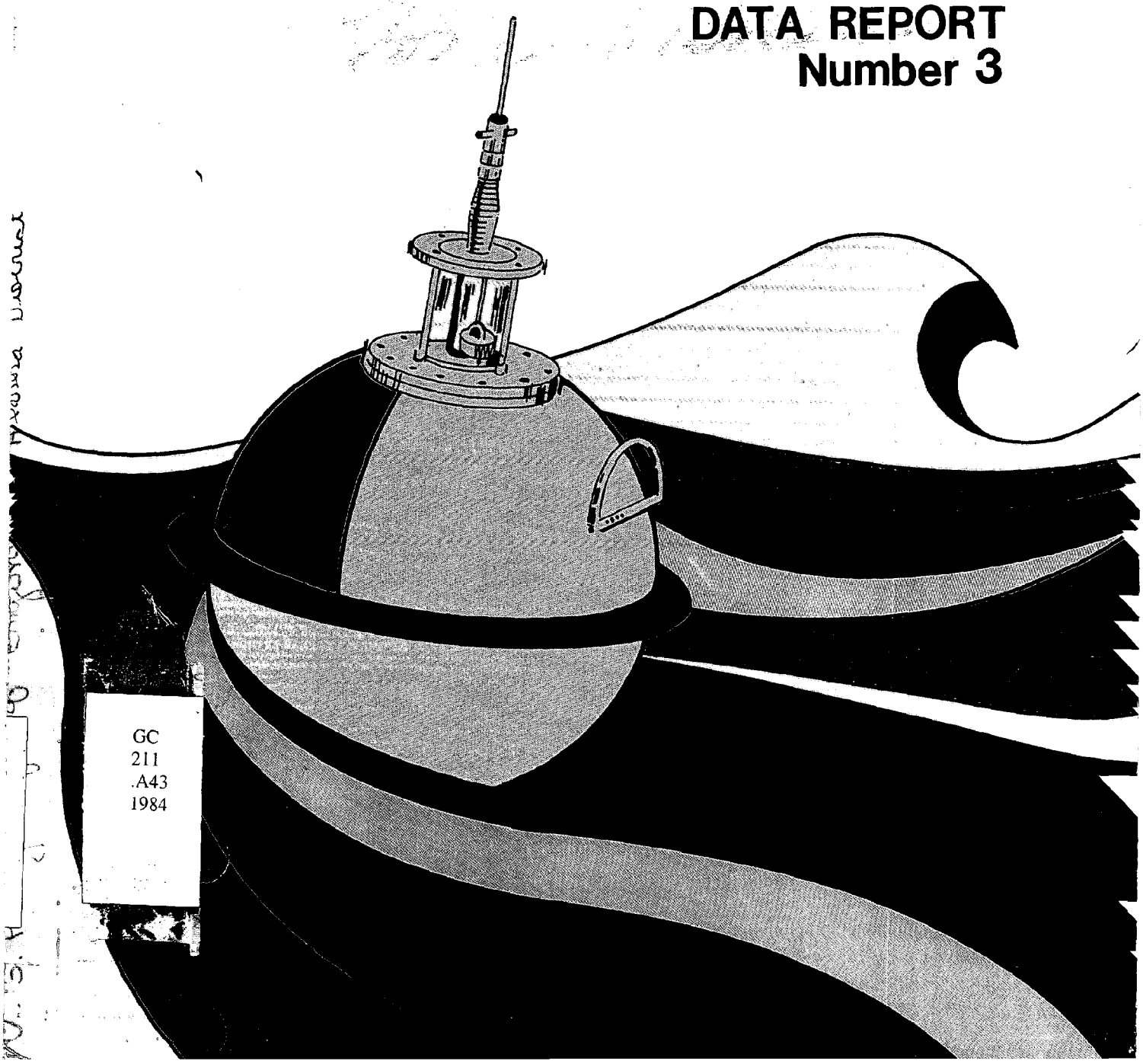
Center

# ALASKA COASTAL DATA COLLECTION PROGRAM

## DATA REPORT
## Number 3



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# ALASKA COASTAL DATA COLLECTION PROGRAM

DATA REPORT NUMBER 3
OCTOBER 1983 - OCTOBER 1984

Prepared by:
State of Alaska Department of Transportation and Public Facilities
U.S. Army Corps of Engineers, Coastal Engineering Research Center
U.S. Army Engineer District, Alaska

December 1984

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DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, ALASKA
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REPLY TO
ATTENTION OF
Plan Formulation Section

TO ALL INTERESTED PARTIES:

We are pleased to present the third data report of the Alaska Coastal Data Collection Program (ACDCP). This report contains detailed wind and wave data, recorded at 3-hour intervals, for Kodiak during the entire year ending October 1, 1984. It also contains wind and wave data for shorter periods from Whittier and Homer. We hope that you find this publication useful.

Sincerely,

For Weldon A. Opp
Chief, Planning Branch

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ALASKA COASTAL DATA COLLECTION PROGRAM

DATA REPORT NUMBER 3

OCTOBER 1983 - OCTOBER 1984

## INTRODUCTION

This report contains the results of wind and wave measurements at three locations in Alaska: Kodiak, for a 12-month period; near Whittier, for a 3-month period; and Homer for an 11-day period. It is the third in a series of data reports that are published as part of the Alaska Coastal Data Collection Program (ACDCP). The ACDCP is a cooperative effort of the State of Alaska Department of Transportation and Public Facilities (DOT/PF), the U.S. Army Corps of Engineers, Coastal Engineering Research Center (CERC) and the U.S. Army Engineer District, Alaska. The program is designed to facilitate the collection, analysis, and storage of coastal wind and wave data for use in planning, design, construction, and maintenance of coastal facilities in Alaska.

In September 1981, a wind and wave data collection system was installed at Kodiak, Alaska, in conjunction with a port planning study undertaken by the Alaska District. After the formal agreement that established the ACDCP in 1982, 13 additional sites were scheduled for instrumentation between 1983 and 1987 (Figure 1). These 13 sites have been selected to satisfy the projected data needs of the State of Alaska DOT/PF

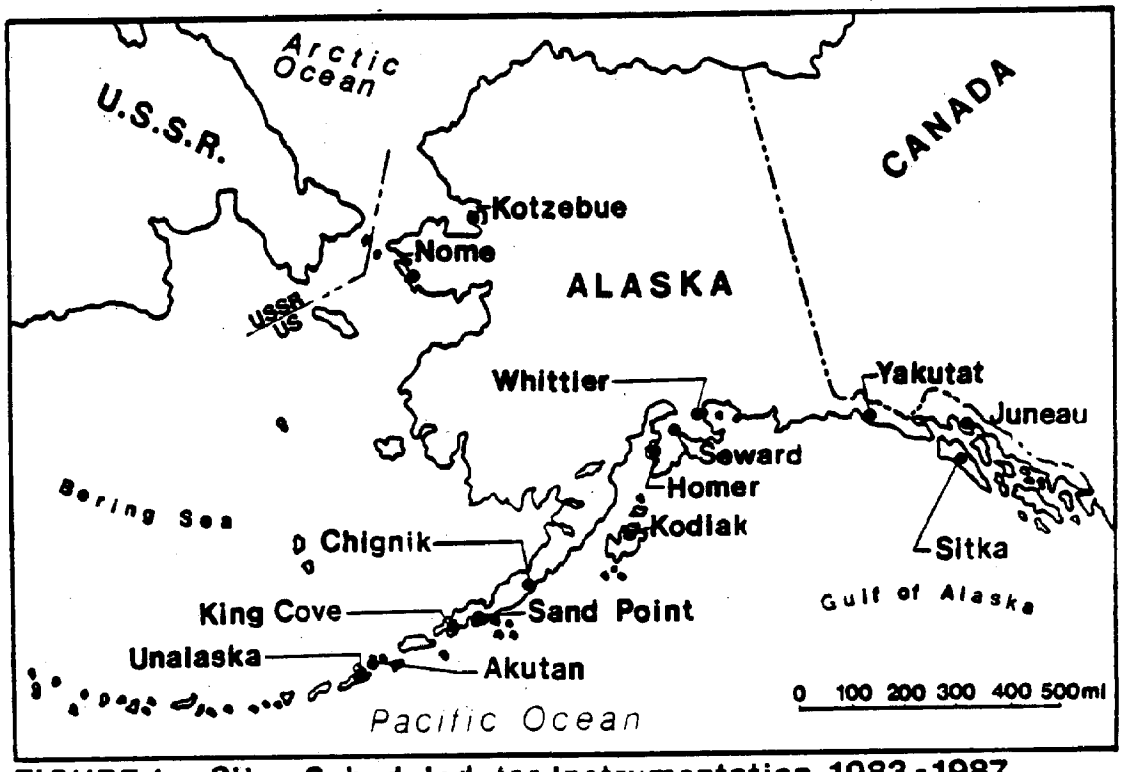


**FIGURE 1 Sites Scheduled for Instrumentation, 1983 - 1987**

and the Alaska District. Specific sites may be added to or deleted from this schedule, depending on the changing priorities of the State of Alaska DOT/PF or the Corps of Engineers. Program changes are reflected in the annual Program Plan. Data from each site will be included in subsequent reports as instruments become operational.

The Alaska District is responsible for equipment installation and maintenance, data collection and analysis, and data publication and storage. Correspondence pertaining to the ACDCP should be addressed to:

Alaska Coastal Data Collection Program
Plan Formulation Section
U.S. Army Engineer District, Alaska
Pouch 898
Anchorage, Alaska 99506-0898

(907) 753-2620

## USER'S GUIDE TO DATA REPORTS

The following information is provided to clarify data collection, analysis, and publication procedures used in this report.

### Wind Data

Standard wind stations include a directional wind vane anemometer and a data acquisition unit. These units are designed to convert analog wind speed and direction measurements into a digital signal that can be transferred from the wind station to a master station at each site, either through direct hardwire or an RF telemetry link.

Data Sampling: Wind speed and direction are sampled once per second by the data acquisition unit. The wind station microprocessor assembles 10 consecutive measurements and calculates a 10-second average wind speed and direction. These values are then transmitted to the master station for further processing.

Data Analysis: Final analysis of wind data is performed by a microprocessor in the master station. At the end of each hour, 360 of the 10-second samples are analyzed to determine the following parameters: average wind speed, maximum 10-second wind speed, average wind direction, and standard deviations of both wind speed and direction. This information is then recorded on 9-track magnetic tape.

Data Presentation: Date and time for the Kodiak and Homer data are referenced to Greenwich Mean Time; 9 hours should be subtracted to give corresponding Alaska Standard Time. Whittier data are presented in Alaska Standard Time. Wind statistics for Kodiak and Homer are given at 3-hour intervals for the hour corresponding to wave data sampling. Whittier wind statistics, collected separately from the wave statistics, are given at intervals of approximately three hours. Wind direction is the direction from which wind is blowing, referenced to true north. On the Kodiak and Homer wind summaries data quality is indicated by a status code: "1" represents a possible data collection or transmission error and "0" represents a clean record. Wind speed measurements are not corrected to reflect instrument height.

### Wave Data

Wave sensors may vary, depending on the specific requirements of each site. Standard deep water instruments are accelerometer buoys that are designed to give nondirectional wave data. At shallow water locations, bottom-mounted pressure

sensors, current meters, and/or directional buoys may be used in future installations to provide directional wave information. At this time, all instruments installed are Datawell Waverider accelerometer buoys. Wave data representing the water surface elevation are continuously transmitted to the master station in Kodiak where they are sampled and recorded.

Data Sampling: Data sampling characteristics may be varied within a broad range and are selected by the operator through a remote communications terminal at the master station. For identification of wind-generated waves, the sampling rate may be selected as 0.5, 1, 2, or 4 Hz. Samples may be collected for a 1- to 30-minute period at intervals of 1 to 10 hours. Standard sampling characteristics include a sampling rate of 2 Hz, for 20 minutes, at 3-hour intervals, such that a minimum of 2,048 data samples are obtained. For two buoy installations, the outer buoy is sampled for 20 minutes, followed by the inner buoy for 20 minutes. The sampled time series is recorded on 9-track reel-to-reel magnetic tape at the master station.

Data Analysis: Raw wave data tapes are analyzed in Anchorage by the Alaska District using spectral analysis computer programs provided by CERC (Harris, 1974; Thompson, 1977; Rottier and Wheeler, 1983). Each record is first edited to remove or identify bad data points, jumps, or spikes caused by data transmission errors. Data points that exceed $\pm$ 5 m or data spikes and jumps that exceed four standard deviations are removed. Records are rejected if five consecutive bad samples are encountered or if more than 50 bad data samples are found in the record. After data editing, the variance of the water surface elevation is computed. To improve resolution of wave energy into specific frequencies, a cosine bell data window is applied to the record before the spectral analysis. Records are then analyzed by a Fast Fourier Transform procedure in which a portion of total wave energy is assigned to 1,024 discrete frequencies. To improve the stability of each wave spectrum, wave energy is summed over 11 adjacent frequency lines to form 46 frequency bands of width 0.01074 Hz in the region of interest, up to 0.5 Hz. The dominant wave period is then identified as the midpoint of the frequency band containing maximum wave energy. The significant wave height is calculated as four times the square root of the variance.

Data Presentation: The standard format for reporting wave spectral data is a one-line summary for each record presented as the ENERGY SPECTRUM; PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 Hz. This table includes the date and time at the beginning of the data sample, the significant wave height (HS), the total energy or variance of water surface (EN), and the normalized energy spectrum for each record. Because some suppression of detail is required for efficient publication of wave spectral data, the normalized spectra are published with 22 frequency bands to a high cutoff frequency of 0.5 Hz.

Each frequency band then contains the sum of wave energy for 22 adjacent frequency lines and has a 0.02148-Hz bandwidth. With this method, the resulting wave energy spectra are presented with uniform resolution in frequency and have a high degree of statistical stability. It should be noted that the normalized wave energy listed for band center frequency of 0.033 Hz actually contains the sum of wave energy assigned to two low frequency bands of 0.011 and 0.033 Hz.

## Wind/Wave Data Summaries

The basic wind and wave parameters that can be used to define individual events are concisely presented in the SUMMARY TABLE FOR WIND/WAVE DATA. In these tables, the average wind speed, average wind directon, significant wave height, and peak period are presented for each instrument at the site. The peak period listed in this table is the period corresponding to the midpoint of the frequency band containing the maximum wave energy, based on 46 frequency bands with 0.0174-Hz bandwidths. Therefore, this peak period does not match the period corresponding to the midpoint of the dominant frequency band in the ENERGY SPECTRUM table, where 22 frequency bands of width 0.02148 Hz are presented. The significant wave heights listed in the SUMMARY TABLE FOR WIND/WAVE DATA and the ENERGY SPECTRUM table agree to within a round-off error of $\pm$ 0.03 m. In the SUMMARY TABLE FOR WIND/WAVE DATA, the significant wave height and peak period are taken directly from the spectral analysis program. In the ENERGY SPECTRUM tables, variance is rounded to three decimal places before the significant wave height is calculated. Furthermore, the significant wave height and peak period are reported as 0.00 when the variance of the record is less than 0.001 m.

## DESCRIPTION OF INSTRUMENT SITES

In this section, a brief description of sensor locations is included to assist in data interpretation and application.

### Kodiak, Alaska

Dates: October 6, 1981 to Present
(Included in this report: October 1, 1983 - October 1, 1984)
Sensors: Two Datawell Waverider Buoys
Weathermeasure Skyvane Anemometer

The City of Kodiak is located on the northeast coast of Kodiak Island, about 250 miles southwest of Anchorage. Chiniak Bay is exposed to the Gulf of Alaska to the southeast; however, a string of reefs between Popof Island and Puffin Island provides partial protection for St. Paul Harbor (Figure 2). Buoy 1, denoted in the data tables as GAGE 011: OUTER BUOY, was placed in Chiniak Bay at latitude 57° 43' 10" north, longitude 152° 23' 05" west. Water depth at Buoy 1 is about 77m. Buoy 2, denoted in the data tables as GAGE 012: INNER BUOY, was placed inside St. Paul Harbor at latitude 57° 45' 55" north, longitude 152° 25' 50" west. Water depth at Buoy 2 is 16m. The wind station is located on Puffin Island, where it is exposed to the most critical wind fetch to the southeast. The anemometer is mounted on top of a 6.1-m tower. The base of the tower is at an approximate elevation of 23 m; therefore, total elevation of the wind sensor is just over 29 m.

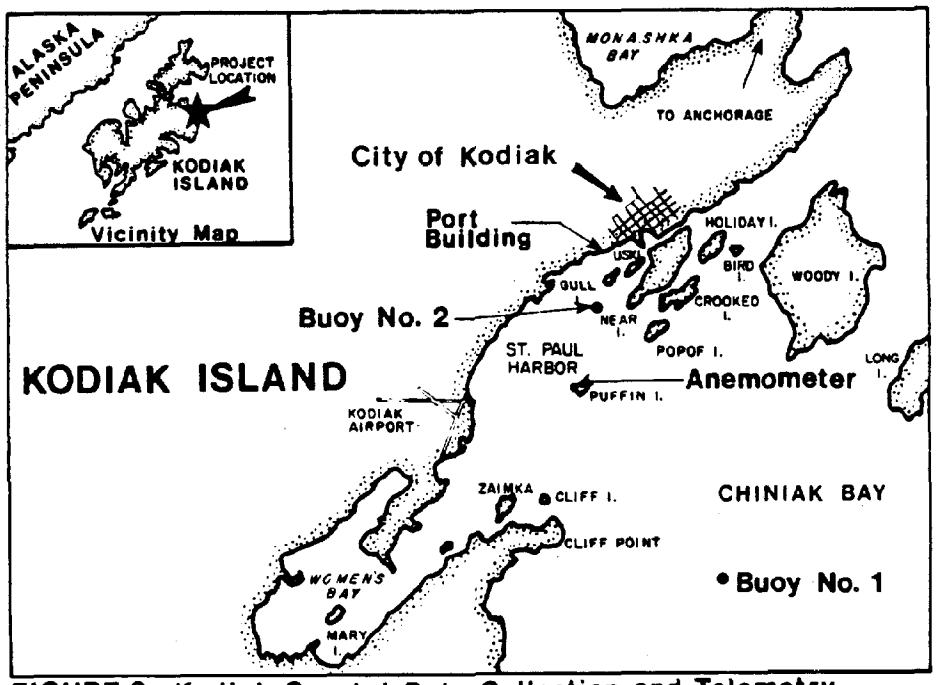


**FIGURE 2 Kodiak Coastal Data Collection and Telemetry System — Location and Vicinity**

DATES OF WIND AND WAVE DATA, KODIAK, ALASKA
(OCTOBER 1983 - OCTOBER 1984)

| Month | Wind | Wave | Comments |
|---|---|---|---|
| Oct | 10/1 - 10/31 | 10/1 - 10/31 | All wave data from inner buoy (#2) only |
| Nov | 11/1 - 11/30 | 11/1 - 11/30 | No wave data 11/1 |
| Dec | 12/1 - 12/31 | 12/1 - 12/31 | |
| Jan | 1/1 - 1/31 | 1/1 - 1/31 | No wave data 1/4-7, 1/20-21, 1/24, 1/29-30 |
| Feb | 2/1 -2/2 | 2/1 - 2/29 | No wave data 2/23, 2/30 |
| Mar | 3/1 - 3/31 | 3/1 - 3/31 | |
| Apr | 4/1 - 4/30 | 4/1 - 4/30 | |
| May | 5/1 - 5/31 | 5/1 - 5/31 | No wave data 5/25 |
| Jun | 6/1 - 6/30 | 6/1 - 6/30 | |
| Jul | 7/1 - 7/31 | 7/1 - 7/31 | No wave data 6/17 |
| Aug | 8/1 - 8/31 | 8/1 - 8/31 | |
| Sep | 9/1 - 9/30 | 9/1 - 9/30 | No wave data 9/25, 9/27-30 |
| Oct | 10/1 only | 10/1 only | |

## Whittier, Alaska

### Wave Data
(Shotgun Cove)

Dates: March 10 - May 19, 1984
Sensor: Datawell Waverider Buoy

The community of Whittier is located about 70 miles southeast of Anchorage at the head of a fiord on the west side of Prince William Sound off the Gulf of Alaska. Shotgun Cove, being considered for a harbor site, is about 3.5 miles east of Whittier. The buoy was placed in Shotgun Cove at north latitude 60° 47' 12", west longitude 148° 33'. Water depth under the buoy was about 58.5 m.

### Wind Data
(Hollow Bight)

Dates: March 10 - April 30, 1984
Sensor: Weathermeasure Skyvane Anemometer

The wind station is located at Hollow Bight, about 1.5 miles east of Shotgun Cove. Elevation of the sensor is about 6 m above ground surface, which is about 6 m above Mean Higher High Water (MHHW). The wind sensor is at north latitude 60° 48', west longitude 148° 29'.

Dates of Wind and Wave Data, Whittier, Alaska
(March 10 - April 30, 1984)

| Month | Wind | Wave | Comments |
|---|---|---|---|
| Mar | 3/10 - 3/31 | 3/10 - 3/31 | |
| Apr | 4/1 - 4/30 | 4/1 - 4/30 | |
| May | - - - | 5/1 - 5/19 | |

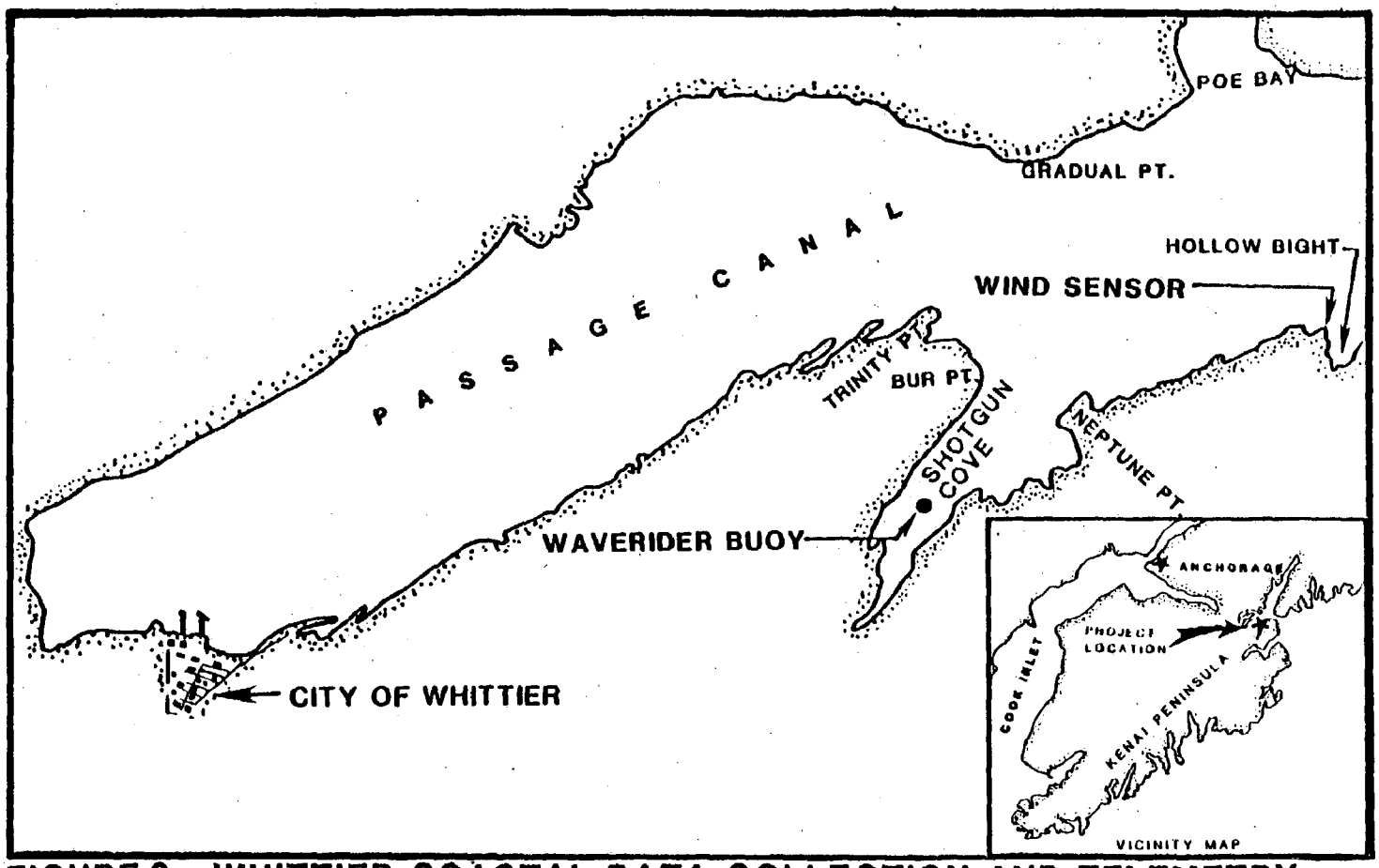


FIGURE 3 WHITTIER COASTAL DATA COLLECTION AND TELEMETRY SYSTEM-LOCATION AND VICINITY

Homer, Alaska

Dates: July 12-23, 1984
Sensors: Two Datawell Waverider Buoys
Weathermeasure Skyvane Anemometer

Homer is located about 200 miles southwest of Anchorage on the east side of lower Cook Inlet, where Cook Inlet is joined by Kachemak Bay. Two buoys were placed near Homer: Buoy 1, the outer buoy, at latitude 59° 30' 50" north, longitude 151° 57' west; Buoy 2, the inner buoy, at latitude 59° 36' 20" north, longitude 151° 30' west. Water depth under Buoy 1 is about 76 m. Water depth under Buoy 2 is about 17 m. The wind station is located at the harbormaster's office near the end of the 3-mile-long Homer Spit, about 10 m above the ground surface, which is about 7 m above Mean Sea Level (MSL).

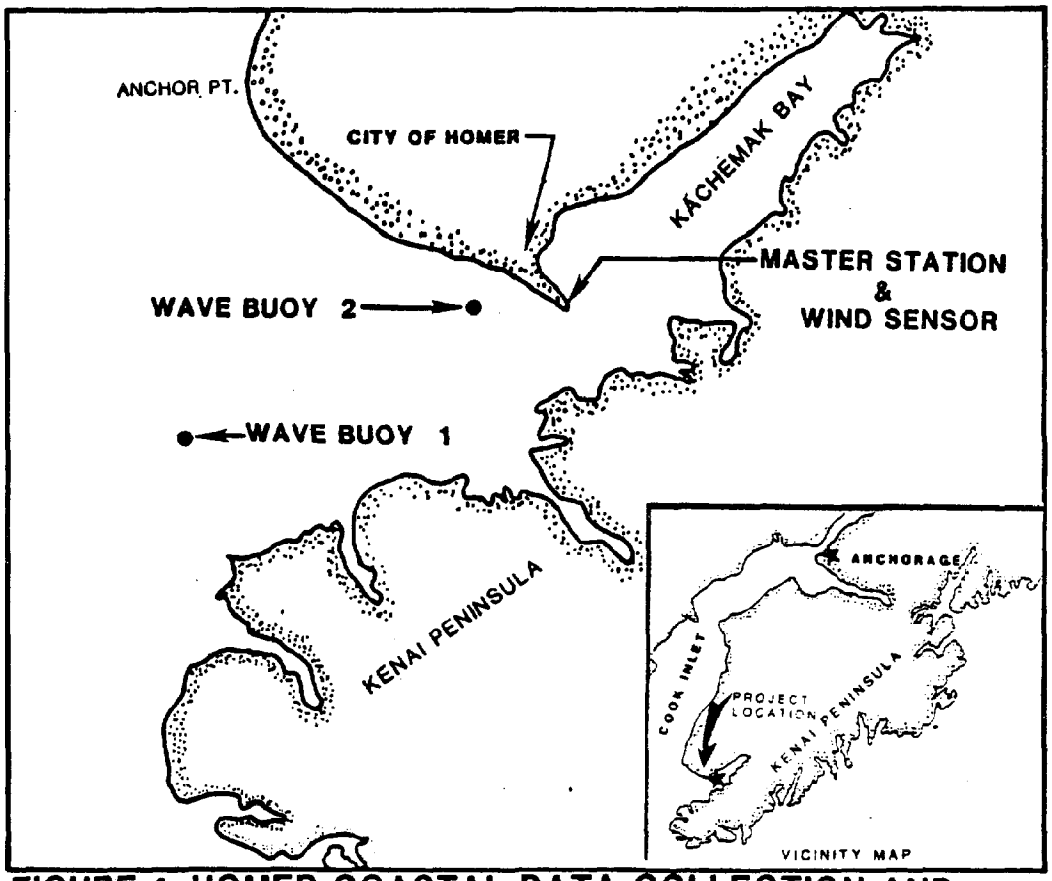


**FIGURE 4 HOMER COASTAL DATA COLLECTION AND TELEMETRY SYSTEM-LOCATION AND VICINITY**

Dates of Wind and Wave Data, Homer, Alaska

(July 12-23, 1984)

| Month | Wind | Wave | Comments |
|---|---|---|---|
| Jul | 7/12 - 7/23 | 7/12 - 7/23 | |

## REFERENCES

1. Harris, D.L., "Finite Spectrum Analysis of Wave Records," Proceedings of the International Symposium on Ocean Wave Measurement and Analysis, ASCE, Vol. 1, September 1974.

2. Thompson, E.F., "Wave Climate at Selected Locations Along U.S. Coasts," TR 77-1, U.S. Army Corps of Engineers, Coastal Engineering Research Center, January 1977.

3. Rottier, J.R. and Wheeler, S.C., "CERC's Nova-4 Computer Wave Program - NOVAVES," Unpublished Draft Report, U.S. Army Corps of Engineers, Coastal Engineering Research Center, January 1983.

Kodiak, Alaska

Summary Tables
Wind and Wave Data
October 1983 - October 1984

KODIAK, ALASKA
OCT 1983

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 0 | 3.58 | 290 | -- | -- | 0.28 | 6.9 |
| 1 300 | 3.58 | 291 | -- | -- | 0.29 | 6.4 |
| 1 600 | 4.02 | 273 | -- | -- | -- | -- |
| 1 900 | 0.45 | 239 | -- | -- | 0.22 | 7.4 |
| 1 1200 | 0.00 | 290 | -- | -- | 0.18 | 6.4 |
| 1 1500 | 0.00 | 329 | -- | -- | 0.16 | 5.6 |
| 1 1800 | 3.58 | 194 | -- | -- | 0.32 | 2.3 |
| 1 2100 | 5.36 | 195 | -- | -- | 0.41 | 2.7 |
| 2 0 | 9.83 | 148 | -- | -- | -- | -- |
| 2 300 | 4.92 | 112 | -- | -- | 0.74 | 4.8 |
| 2 600 | 0.89 | 274 | -- | -- | 0.83 | 6.9 |
| 2 900 | 0.89 | 282 | -- | -- | 0.59 | 7.4 |
| 2 1200 | 0.45 | 284 | -- | -- | 0.38 | 8.1 |
| 2 1500 | 5.81 | 310 | -- | -- | 0.38 | 7.4 |
| 2 1800 | 9.39 | 322 | -- | -- | 0.38 | 7.4 |
| 2 2100 | 9.39 | 324 | -- | -- | 0.26 | 8.1 |
| 3 0 | 10.73 | 313 | -- | -- | 0.28 | 2.1 |
| 3 300 | 14.75 | 318 | -- | -- | -- | -- |
| 3 600 | 15.20 | 324 | -- | -- | -- | -- |
| 3 900 | 12.9[illegible] | 318 | -- | -- | 0.37 | 2.1 |
| 3 1200 | 8.05 | 325 | -- | -- | 0.18 | 8.1 |
| 3 1500 | 6.71 | 314 | -- | -- | 0.24 | 2.1 |
| 3 1800 | 3.58 | 314 | -- | -- | 0.18 | 16.8 |
| 3 2000 | 9.39 | 322 | -- | -- | 0.25 | 2.0 |
| 3 2300 | 12.07 | 320 | -- | -- | 0.28 | 2.1 |
| 4 200 | 6.26 | 318 | -- | -- | 0.22 | 2.0 |
| 4 500 | 8.94 | 314 | -- | -- | 0.32 | 2.1 |
| 4 800 | 11.18 | 317 | -- | -- | -- | -- |
| 4 1100 | 9.39 | 328 | -- | -- | 0.19 | 7.4 |
| 4 1400 | 7.60 | 321 | -- | -- | 0.16 | 5.6 |
| 4 1700 | 8.05 | 318 | -- | -- | 0.20 | 2.0 |
| 4 2000 | 8.94 | 314 | -- | -- | 0.22 | 16.8 |
| 4 2300 | 10.28 | 322 | -- | -- | 0.23 | 2.0 |
| 5 200 | 7.60 | 327 | -- | -- | 0.15 | 16.8 |
| 5 500 | 3.13 | 305 | -- | -- | 0.16 | 14.2 |
| 5 800 | 5.36 | 298 | -- | -- | 0.19 | 16.8 |
| 5 1100 | 3.13 | 286 | -- | -- | 0.20 | 14.2 |
| 5 1400 | 4.92 | 313 | -- | -- | 0.15 | 14.2 |
| 5 1700 | 1.34 | 289 | -- | -- | 0.15 | 14.2 |
| 5 2000 | 0.45 | 180 | -- | -- | 0.15 | 14.2 |
| 5 2300 | 0.45 | 207 | -- | -- | -- | -- |
| 6 200 | 7.60 | 311 | -- | -- | 0.22 | 14.2 |
| 6 500 | 3.58 | 297 | -- | -- | 0.16 | 16.8 |
| 6 800 | 1.79 | 300 | -- | -- | 0.16 | 6.4 |
| 6 1100 | 0.89 | 294 | -- | -- | 0.17 | 6.9 |
| 6 1400 | 0.89 | 291 | -- | -- | 0.16 | 14.2 |
| 6 1700 | 0.00 | 269 | -- | -- | 0.13 | 14.2 |
| 6 2000 | 3.58 | 307 | -- | -- | 0.15 | 14.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 6 2300 | 3.13 | 273 | -- | -- | 0.20 | 14.2 |
| 7 200 | 6.26 | 296 | -- | -- | 0.22 | 2.6 |
| 7 500 | 8.94 | 322 | -- | -- | 0.17 | 14.2 |
| 7 800 | 12.07 | 327 | -- | -- | 0.27 | 2.1 |
| 7 1100 | 11.18 | 321 | -- | -- | 0.28 | 2.0 |
| 7 1400 | 9.39 | 314 | -- | -- | 0.17 | 14.2 |
| 7 1700 | 9.39 | 335 | -- | -- | 0.14 | 6.9 |
| 7 2000 | 10.73 | 327 | -- | -- | 0.23 | 2.0 |
| 7 2300 | 11.18 | 317 | -- | -- | 0.34 | 2.2 |
| 8 200 | 12.96 | 322 | -- | -- | 0.34 | 2.1 |
| 8 500 | 8.94 | 310 | -- | -- | 0.25 | 2.1 |
| 8 800 | 8.05 | 317 | -- | -- | 0.26 | 2.0 |
| 8 1100 | 4.92 | 311 | -- | -- | 0.14 | 5.6 |
| 8 1400 | 2.68 | 305 | -- | -- | -- | -- |
| 8 1700 | 0.00 | 290 | -- | -- | 0.13 | 5.0 |
| 8 2000 | 0.00 | 005 | -- | -- | -- | -- |
| 8 2300 | 0.00 | 348 | -- | -- | 0.15 | 6.4 |
| 9 200 | 0.00 | 296 | -- | -- | 0.16 | 6.9 |
| 9 500 | 0.00 | 255 | -- | -- | 0.13 | 6.0 |
| 9 800 | 0.00 | 267 | -- | -- | -- | -- |
| 9 1100 | 0.00 | 279 | -- | -- | 0.15 | 5.6 |
| 9 1400 | 0.00 | 297 | -- | -- | 0.19 | 4.0 |
| 9 1700 | 1.79 | 210 | -- | -- | 0.19 | 5.0 |
| 9 2000 | 0.00 | 265 | -- | -- | 0.22 | 3.0 |
| 9 2300 | 0.45 | 311 | -- | -- | 0.22 | 2.6 |
| 10 200 | 0.45 | 064 | -- | -- | -- | -- |
| 10 500 | 0.00 | 070 | -- | -- | 0.21 | 6.0 |
| 10 800 | 3.13 | 198 | -- | -- | 0.23 | 2.6 |
| 10 1100 | 7.60 | 207 | -- | -- | 0.53 | 3.1 |
| 10 1400 | 8.49 | 190 | -- | -- | 0.90 | 3.3 |
| 10 1700 | 3.58 | 188 | -- | -- | 0.56 | 3.5 |
| 10 2000 | 4.92 | 190 | -- | -- | 0.53 | 3.0 |
| 10 2300 | 4.92 | 212 | -- | -- | 0.56 | 2.8 |
| 11 200 | 1.79 | 204 | -- | -- | 0.50 | 6.0 |
| 11 500 | 3.13 | 193 | -- | -- | -- | -- |
| 11 800 | 1.79 | 177 | -- | -- | 0.32 | 7.4 |
| 11 1100 | 6.26 | 181 | -- | -- | 0.47 | 6.9 |
| 11 1400 | 5.36 | 201 | -- | -- | 0.75 | 7.4 |
| 11 1700 | 8.05 | 272 | -- | -- | 0.64 | 3.2 |
| 11 2000 | 4.92 | 267 | -- | -- | 0.44 | 2.6 |
| 11 2300 | 3.58 | 276 | -- | -- | 0.32 | 2.3 |
| 12 200 | 1.79 | 282 | -- | -- | 0.31 | 6.9 |
| 12 500 | 1.79 | 258 | -- | -- | 0.32 | 8.1 |
| 12 800 | 0.45 | 277 | -- | -- | 0.23 | 7.4 |
| 12 1100 | 0.45 | 294 | -- | -- | 0.23 | 7.4 |
| 12 1400 | 0.00 | 270 | -- | -- | 0.26 | 7.4 |
| 12 1700 | 0.00 | 252 | -- | -- | 0.23 | 7.4 |
| 12 2000 | 0.00 | 234 | -- | -- | 0.20 | 14.2 |

KODIAK, ALASKA
OCT 1983

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 200 | 0.89 | 084 | -- | -- | 0.24 | 7.4 |
| 13 500 | 0.00 | 291 | -- | -- | 0.24 | 10.9 |
| 13 800 | 0.45 | 280 | -- | -- | 0.19 | 10.9 |
| 13 1100 | 0.45 | 279 | -- | -- | 0.18 | 9.8 |
| 13 1400 | 0.89 | 273 | -- | -- | 0.23 | 8.8 |
| 13 1700 | 0.45 | 265 | -- | -- | 0.24 | 10.9 |
| 13 2000 | 0.00 | 263 | -- | -- | 0.23 | 8.8 |
| 13 2300 | 0.00 | 142 | -- | -- | 0.22 | 8.8 |
| 14 200 | 0.89 | 078 | -- | -- | -- | -- |
| 14 500 | 0.00 | 297 | -- | -- | 0.24 | 8.1 |
| 14 800 | 0.00 | 267 | -- | -- | 0.22 | 9.8 |
| 14 1100 | 0.00 | 205 | -- | -- | 0.20 | 9.8 |
| 14 1400 | 4.47 | 160 | -- | -- | 0.35 | 8.8 |
| 14 1700 | 5.81 | 157 | -- | -- | 0.54 | 4.1 |
| 14 2000 | 8.05 | 135 | -- | -- | -- | -- |
| 14 2300 | 8.94 | 126 | -- | -- | 0.85 | 4.8 |
| 15 200 | 8.05 | 111 | -- | -- | -- | -- |
| 15 500 | 7.60 | 111 | -- | -- | 1.15 | 7.4 |
| 15 800 | 5.36 | 104 | -- | -- | 1.14 | 7.4 |
| 15 1100 | 6.71 | 097 | -- | -- | 1.06 | 8.1 |
| 15 1400 | 9.83 | 091 | -- | -- | 0.97 | 8.1 |
| 15 1700 | 10.28 | 083 | -- | -- | 1.15 | 8.1 |
| 15 2000 | 9.83 | 076 | -- | -- | 1.05 | 8.1 |
| 15 2300 | 9.39 | 069 | -- | -- | 0.92 | 8.8 |
| 16 200 | 8.05 | 064 | -- | -- | 0.93 | 8.8 |
| 16 500 | 4.92 | 057 | -- | -- | 1.01 | 8.8 |
| 16 800 | 5.81 | 054 | -- | -- | 1.06 | 9.8 |
| 16 1100 | 5.36 | 059 | -- | -- | 0.99 | 9.8 |
| 16 1400 | 8.05 | 063 | -- | -- | 0.91 | 10.9 |
| 16 1700 | 5.81 | 059 | -- | -- | 0.79 | 10.9 |
| 16 2000 | 3.58 | 094 | -- | -- | 0.82 | 6.9 |
| 16 2300 | 0.89 | 100 | -- | -- | 0.72 | 5.6 |
| 17 200 | 3.13 | 145 | -- | -- | 0.62 | 8.1 |
| 17 500 | 4.02 | 163 | -- | -- | 0.70 | 7.4 |
| 17 800 | 6.26 | 124 | -- | -- | 0.85 | 7.4 |
| 17 1100 | 4.47 | 102 | -- | -- | 0.84 | 4.8 |
| 17 1400 | 5.81 | 062 | -- | -- | -- | -- |
| 17 1700 | 7.60 | 083 | -- | -- | 0.70 | 8.1 |
| 17 2000 | 4.47 | 073 | -- | -- | 0.58 | 7.4 |
| 17 2300 | 0.00 | 056 | -- | -- | 0.46 | 6.9 |
| 18 200 | 0.00 | 007 | -- | -- | 0.44 | 9.8 |
| 18 500 | 0.00 | 060 | -- | -- | -- | -- |
| 18 800 | 0.00 | 145 | -- | -- | 0.62 | 7.4 |
| 18 1100 | 0.00 | 136 | -- | -- | 0.31 | 7.4 |
| 18 1400 | 0.89 | 046 | -- | -- | 0.36 | 8.8 |
| 18 1700 | 2.24 | 049 | -- | -- | 0.39 | 8.1 |
| 18 2000 | 3.13 | 011 | -- | -- | 0.47 | 7.4 |
| 18 2300 | 1.79 | 021 | -- | -- | 0.43 | 7.4 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 200 | 2.24 | 016 | -- | -- | 0.27 | 12.3 |
| 19 500 | 1.79 | 334 | -- | -- | 0.27 | 8.1 |
| 19 800 | 0.89 | 015 | -- | -- | 0.36 | 8.1 |
| 19 1100 | 2.24 | 332 | -- | -- | 0.35 | 7.4 |
| 19 1400 | 1.34 | 304 | -- | -- | 0.24 | 6.8 |
| 19 1700 | 0.45 | 280 | -- | -- | 0.26 | 6.9 |
| 19 2000 | 0.00 | 235 | -- | -- | 0.32 | 7.4 |
| 19 2300 | 0.00 | 136 | -- | -- | 0.33 | 6.9 |
| 20 200 | 1.34 | 190 | -- | -- | 0.30 | 8.8 |
| 20 500 | 0.89 | 219 | -- | -- | 0.26 | 6.0 |
| 20 800 | 0.45 | 181 | -- | -- | 0.31 | 8.1 |
| 20 1100 | 0.00 | 253 | -- | -- | 0.33 | 8.1 |
| 20 1400 | 0.00 | 305 | -- | -- | 0.28 | 8.8 |
| 20 1700 | 0.00 | 284 | -- | -- | 0.25 | 9.8 |
| 20 2000 | 0.00 | 217 | -- | -- | 0.27 | 8.1 |
| 20 2300 | 1.34 | 156 | -- | -- | 0.31 | 9.8 |
| 21 200 | 0.89 | 126 | -- | -- | -- | -- |
| 21 500 | 2.24 | 078 | -- | -- | 0.28 | 7.4 |
| 21 800 | 7.15 | 073 | -- | -- | 0.53 | 4.3 |
| 21 1100 | 6.26 | 067 | -- | -- | 0.60 | 5.6 |
| 21 1400 | 5.36 | 087 | -- | -- | 0.64 | 6.0 |
| 21 1700 | 3.58 | 146 | -- | -- | 0.75 | 6.9 |
| 21 2000 | 0.45 | 078 | -- | -- | 0.77 | 8.1 |
| 21 2300 | 1.79 | 102 | -- | -- | 0.72 | 7.4 |
| 22 200 | 9.39 | 314 | -- | -- | -- | -- |
| 22 500 | 13.86 | 315 | -- | -- | 0.52 | 8.8 |
| 22 800 | 16.54 | 313 | -- | -- | -- | -- |
| 22 1100 | 16.99 | 307 | -- | -- | 0.65 | 2.5 |
| 22 1400 | 15.65 | 313 | -- | -- | -- | -- |
| 22 1700 | 13.86 | 303 | -- | -- | -- | -- |
| 22 2000 | 12.52 | 303 | -- | -- | -- | -- |
| 22 2300 | 7.60 | 293 | -- | -- | -- | -- |
| 23 200 | 3.58 | 286 | -- | -- | -- | -- |
| 23 500 | 0.89 | 290 | -- | -- | 0.19 | 8.1 |
| 23 800 | 2.24 | 239 | -- | -- | 0.23 | 9.8 |
| 23 1100 | 0.45 | 263 | -- | -- | 0.23 | 8.8 |
| 23 1400 | 0.45 | 279 | -- | -- | 0.21 | 16.9 |
| 23 1700 | 0.00 | 270 | -- | -- | 0.20 | 5.3 |
| 23 2000 | 0.00 | 272 | -- | -- | 0.20 | 16.8 |
| 23 2300 | 0.00 | 129 | -- | -- | -- | -- |
| 24 200 | 1.34 | 012 | -- | -- | 0.24 | 8.1 |
| 24 500 | 2.24 | 331 | -- | -- | 0.17 | 14.2 |
| 24 800 | 3.58 | 339 | -- | -- | 0.17 | 8.8 |
| 24 1100 | 7.60 | 334 | -- | -- | 0.19 | 14.2 |
| 24 1400 | 8.94 | 317 | -- | -- | 0.22 | 14.2 |
| 24 1700 | 10.73 | 314 | -- | -- | 0.25 | 2.1 |
| 24 2000 | 8.94 | 314 | -- | -- | 0.25 | 6.9 |
| 24 2300 | 11.18 | 321 | -- | -- | 0.34 | 2.0 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 500 | 10.73 | 317 | -- | -- | 0.45 | 10.9 |
| 25 800 | 8.05 | 298 | -- | -- | 0.58 | 2.5 |
| 25 1100 | 4.92 | 311 | -- | -- | 0.39 | 10.9 |
| 25 1400 | 12.52 | 318 | -- | -- | 0.41 | 12.3 |
| 25 1700 | 8.94 | 311 | -- | -- | 0.34 | 12.3 |
| 25 2000 | 9.39 | 321 | -- | -- | -- | -- |
| 25 2300 | 12.52 | 308 | -- | -- | 0.57 | 2.6 |
| 26 200 | 7.60 | 311 | -- | -- | 0.36 | 10.9 |
| 26 500 | 5.36 | 308 | -- | -- | 0.19 | 12.3 |
| 26 800 | 1.79 | 291 | -- | -- | 0.15 | 10.9 |
| 26 1100 | 0.00 | 279 | -- | -- | 0.16 | 14.2 |
| 26 1400 | 0.00 | 279 | -- | -- | 0.18 | 14.2 |
| 26 1700 | 0.45 | 284 | -- | -- | 0.16 | 10.9 |
| 26 2000 | 0.45 | 277 | -- | -- | 0.16 | 16.8 |
| 26 2300 | 0.00 | 160 | -- | -- | 0.18 | 12.3 |
| 27 200 | 0.00 | 059 | -- | -- | -- | -- |
| 27 500 | 0.89 | 283 | -- | -- | 0.18 | 10.9 |
| 27 800 | 3.13 | 031 | -- | -- | -- | -- |
| 27 1100 | 1.79 | 007 | -- | -- | 0.20 | 4.1 |
| 27 1400 | 3.13 | 005 | -- | -- | 0.36 | 5.3 |
| 27 1700 | 4.47 | 023 | -- | -- | 0.65 | 7.4 |
| 27 2000 | 6.71 | 342 | -- | -- | 0.67 | 8.8 |
| 27 2300 | 10.73 | 318 | -- | -- | 0.62 | 8.1 |
| 28 200 | 6.26 | 314 | -- | -- | -- | -- |
| 28 500 | 9.83 | 317 | -- | -- | -- | -- |
| 28 800 | 5.36 | 303 | -- | -- | 0.34 | 12.3 |
| 28 1100 | 0.45 | 296 | -- | -- | -- | -- |
| 28 1400 | 0.00 | 277 | -- | -- | -- | -- |
| 28 1700 | 0.00 | 256 | -- | -- | -- | -- |
| 28 2000 | 0.00 | 308 | -- | -- | -- | -- |
| 28 2300 | 0.00 | 039 | -- | -- | -- | -- |
| 29 200 | 3.58 | 314 | -- | -- | -- | -- |
| 29 500 | 3.13 | 313 | -- | -- | -- | -- |
| 29 800 | 1.79 | 321 | -- | -- | -- | -- |
| 29 1100 | 1.79 | 311 | -- | -- | 0.26 | 10.9 |
| 29 1400 | 3.13 | 311 | -- | -- | -- | -- |
| 29 1700 | 1.79 | 308 | -- | -- | -- | -- |
| 29 2000 | 1.79 | 314 | -- | -- | -- | -- |
| 29 2300 | 4.92 | 314 | -- | -- | -- | -- |
| 30 200 | 2.24 | 307 | -- | -- | -- | -- |
| 30 500 | 1.79 | 298 | -- | -- | -- | -- |
| 30 800 | 1.79 | 298 | -- | -- | -- | -- |
| 30 1100 | 1.34 | 283 | -- | -- | 0.23 | 8.1 |
| 30 1400 | 2.68 | 308 | -- | -- | 0.23 | 7.4 |
| 30 1700 | 3.13 | 313 | -- | -- | -- | -- |
| 30 2000 | 4.02 | 311 | -- | -- | -- | -- |
| 30 2300 | 1.79 | 310 | -- | -- | 0.21 | 8.1 |
| 31 200 | 0.89 | 310 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 500 | 2.68 | 314 | -- | -- | -- | -- |
| 31 800 | 4.47 | 311 | -- | -- | -- | -- |
| 31 1100 | 4.92 | 311 | -- | -- | 0.20 | 6.4 |
| 31 1400 | 4.92 | 311 | -- | -- | 0.18 | 14.2 |
| 31 1700 | 4.47 | 307 | -- | -- | 0.21 | 7.4 |
| 31 2000 | 0.89 | 286 | -- | -- | -- | -- |
| 31 2300 | 0.00 | 042 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 200 | 1.34 | 359 | -- | -- | -- | -- |
| 1 500 | 3.13 | 314 | -- | -- | -- | -- |
| 1 800 | 6.26 | 349 | -- | -- | -- | -- |
| 1 1100 | 4.47 | 050 | -- | -- | -- | -- |
| 1 1400 | 3.58 | 025 | -- | -- | -- | -- |
| 1 1700 | 4.92 | 090 | -- | -- | -- | -- |
| 1 2000 | 9.39 | 117 | -- | -- | -- | -- |
| 1 2300 | 5.36 | 119 | -- | -- | -- | -- |
| 2 200 | 4.92 | 105 | -- | -- | -- | -- |
| 2 500 | 3.58 | 094 | -- | -- | 0.89 | 8.8 |
| 2 800 | 1.79 | 032 | -- | -- | 0.82 | 6.4 |
| 2 1100 | 0.89 | 289 | -- | -- | 0.66 | 8.1 |
| 2 1400 | 0.00 | 266 | -- | -- | 0.55 | 10.9 |
| 2 1700 | 0.45 | 253 | -- | -- | 0.65 | 10.9 |
| 2 2000 | 0.00 | 194 | -- | -- | 0.79 | 6.4 |
| 2 2300 | 0.45 | 101 | -- | -- | 0.61 | 10.9 |
| 3 200 | 0.45 | 129 | -- | -- | 0.42 | 10.9 |
| 3 500 | 0.45 | 157 | -- | -- | 0.46 | 10.9 |
| 3 800 | 0.89 | 282 | -- | -- | 0.62 | 9.8 |
| 3 1100 | 0.45 | 269 | -- | -- | 0.66 | 10.9 |
| 3 1400 | 3.13 | 313 | -- | -- | 0.43 | 8.8 |
| 3 1700 | 7.15 | 308 | -- | -- | 0.37 | 9.8 |
| 3 2000 | 9.39 | 310 | -- | -- | 0.48 | 9.8 |
| 3 2300 | 10.28 | 310 | -- | -- | 0.44 | 9.8 |
| 4 200 | 10.28 | 315 | -- | -- | 0.33 | 10.9 |
| 4 500 | 11.62 | 314 | -- | -- | 0.44 | 10.9 |
| 4 800 | 9.39 | 314 | -- | -- | 0.51 | 10.9 |
| 4 1100 | 12.52 | 313 | -- | -- | 0.50 | 10.9 |
| 4 1400 | 13.86 | 317 | -- | -- | 0.45 | 2.1 |
| 4 1700 | 13.86 | 313 | -- | -- | 0.44 | 2.4 |
| 4 2000 | 16.99 | 310 | -- | -- | 0.60 | 2.6 |
| 4 2300 | 16.09 | 311 | -- | -- | 0.68 | 2.5 |
| 5 200 | 16.99 | 310 | -- | -- | -- | -- |
| 5 500 | 13.86 | 313 | -- | -- | -- | -- |
| 5 800 | 0.00 | 001 | -- | -- | -- | -- |
| 5 1100 | 0.00 | 001 | -- | -- | -- | -- |
| 5 1400 | 10.28 | 324 | -- | -- | -- | -- |
| 5 1700 | 10.73 | 322 | -- | -- | 0.33 | 10.9 |
| 5 2000 | 10.73 | 320 | -- | -- | -- | -- |
| 5 2300 | 8.94 | 317 | -- | -- | -- | -- |
| 6 200 | 3.13 | 297 | -- | -- | -- | -- |
| 6 500 | 5.81 | 311 | -- | -- | 0.32 | 9.8 |
| 6 800 | 4.47 | 311 | -- | -- | -- | -- |
| 6 1100 | 1.79 | 293 | -- | -- | -- | -- |
| 6 1400 | 0.00 | 273 | -- | -- | 0.28 | 9.8 |
| 6 1700 | 0.00 | 272 | -- | -- | 0.22 | 9.8 |
| 6 2000 | 0.00 | 310 | -- | -- | -- | -- |
| 6 2300 | 3.13 | 174 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 200 | 3.58 | 191 | -- | -- | -- | -- |
| 7 500 | 4.47 | 186 | -- | -- | 0.48 | 3.8 |
| 7 800 | 8.49 | 167 | -- | -- | 0.60 | 4.1 |
| 7 1100 | 11.18 | 163 | -- | -- | 1.07 | 4.5 |
| 7 1400 | 14.31 | 157 | -- | -- | 1.29 | 6.4 |
| 7 1700 | 14.31 | 156 | -- | -- | 1.36 | 4.1 |
| 7 2000 | 15.20 | 159 | -- | -- | 1.53 | 7.4 |
| 7 2300 | 14.75 | 160 | -- | -- | 1.87 | 5.6 |
| 8 200 | 14.31 | 148 | -- | -- | 1.74 | 7.4 |
| 8 500 | 11.18 | 164 | -- | -- | 1.35 | 6.0 |
| 8 800 | 2.68 | 198 | -- | -- | 0.83 | 9.8 |
| 8 1100 | 0.45 | 143 | -- | -- | 0.81 | 8.1 |
| 8 1400 | 0.45 | 059 | -- | -- | 0.99 | 7.4 |
| 8 1700 | 8.49 | 132 | -- | -- | 1.14 | 6.9 |
| 8 2000 | 8.05 | 117 | -- | -- | 0.95 | 6.4 |
| 8 2300 | 5.36 | 107 | -- | -- | 1.23 | 7.4 |
| 9 200 | 8.94 | 088 | -- | -- | 1.14 | 8.6 |
| 9 500 | 9.39 | 078 | -- | -- | 0.91 | 8.3 |
| 9 800 | 10.73 | 074 | -- | -- | 0.85 | 10.9 |
| 9 1100 | 12.52 | 076 | -- | -- | 1.52 | 14.2 |
| 9 1400 | 10.73 | 076 | -- | -- | 1.45 | 12.3 |
| 9 1700 | 9.39 | 087 | -- | -- | 1.39 | 14.2 |
| 9 2000 | 8.49 | 088 | -- | -- | -- | -- |
| 9 2300 | 8.05 | 091 | -- | -- | 1.46 | 12.3 |
| 10 200 | 9.83 | 087 | -- | -- | 1.35 | 4.0 |
| 10 500 | 7.60 | 090 | -- | -- | 1.05 | 8.8 |
| 10 800 | 5.36 | 111 | -- | -- | -- | -- |
| 10 1100 | 9.39 | 133 | -- | -- | 1.00 | 12.3 |
| 10 1400 | 12.52 | 131 | -- | -- | 1.41 | 5.6 |
| 10 1700 | 13.41 | 124 | -- | -- | 1.55 | 5.6 |
| 10 2000 | 13.41 | 129 | -- | -- | 1.63 | 5.6 |
| 10 2300 | 11.18 | 131 | -- | -- | -- | -- |
| 11 200 | 10.28 | 138 | -- | -- | 1.56 | 5.6 |
| 11 500 | 6.26 | 139 | -- | -- | -- | -- |
| 11 800 | 5.36 | 129 | -- | -- | 0.92 | 10.9 |
| 11 1100 | 0.00 | 204 | -- | -- | 0.76 | 8.1 |
| 11 1400 | 0.00 | 262 | -- | -- | 0.75 | 10.9 |
| 11 1700 | 0.00 | 255 | -- | -- | 0.75 | 8.1 |
| 11 2000 | 0.00 | 255 | -- | -- | 0.73 | 10.9 |
| 11 2300 | 0.00 | 242 | -- | -- | 0.67 | 9.8 |
| 12 200 | 1.79 | 232 | -- | -- | 0.57 | 9.3 |
| 12 500 | 0.00 | 253 | -- | -- | 0.52 | 8.8 |
| 12 800 | 0.00 | 263 | -- | -- | 0.40 | 10.9 |
| 12 1100 | 0.00 | 296 | -- | -- | 0.34 | 10.9 |
| 12 1400 | 0.00 | 308 | -- | -- | 0.35 | 9.8 |
| 12 1700 | 0.00 | 305 | -- | -- | 0.38 | 9.8 |
| 12 2000 | 0.00 | 258 | -- | -- | 0.38 | 10.9 |
| 12 2300 | 0.00 | 217 | -- | -- | 0.40 | 10.9 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 500 | 0.00 | 279 | -- | -- | 0.40 | 10.9 |
| 13 800 | 0.00 | 273 | -- | -- | 0.32 | 12.3 |
| 13 1100 | 0.00 | 297 | -- | -- | 0.28 | 12.3 |
| 13 1400 | 0.00 | 317 | -- | -- | 0.28 | 12.3 |
| 13 1700 | 0.00 | 276 | -- | -- | -- | -- |
| 13 2000 | 0.45 | 277 | -- | -- | 0.26 | 12.3 |
| 13 2300 | 0.00 | 232 | -- | -- | 0.24 | 12.3 |
| 14 200 | 0.00 | 163 | -- | -- | 0.24 | 12.3 |
| 14 500 | 0.00 | 267 | -- | -- | 0.26 | 12.3 |
| 14 800 | 0.00 | 277 | -- | -- | 0.28 | 12.3 |
| 14 1100 | 0.00 | 269 | -- | -- | 0.30 | 12.3 |
| 14 1400 | 0.45 | 269 | -- | -- | 0.25 | 9.8 |
| 14 1700 | 0.00 | 279 | -- | -- | 0.34 | 10.9 |
| 14 2000 | 0.00 | 272 | -- | -- | 0.34 | 8.8 |
| 14 2300 | 0.00 | 250 | -- | -- | 0.32 | 8.8 |
| 15 200 | 0.00 | 225 | -- | -- | -- | -- |
| 15 500 | 0.00 | 265 | -- | -- | 0.33 | 9.8 |
| 15 800 | 0.00 | 198 | -- | -- | 0.32 | 8.8 |
| 15 1100 | 0.00 | 258 | -- | -- | 0.28 | 8.8 |
| 15 1400 | 0.00 | 280 | -- | -- | 0.28 | 8.8 |
| 15 1700 | 0.00 | 338 | -- | -- | 0.29 | 8.8 |
| 15 2000 | 0.00 | 287 | -- | -- | 0.34 | 8.1 |
| 15 2300 | 0.00 | 248 | -- | -- | 0.29 | 9.8 |
| 16 200 | 0.00 | 249 | -- | -- | 0.27 | 8.8 |
| 16 500 | 0.00 | 246 | -- | -- | 0.31 | 8.1 |
| 16 800 | 0.00 | 282 | -- | -- | 0.34 | 10.9 |
| 16 1100 | 0.00 | 297 | -- | -- | 0.30 | 8.8 |
| 16 1400 | 0.00 | 159 | -- | -- | 0.34 | 4.0 |
| 16 1700 | 0.00 | 297 | -- | -- | 0.32 | 8.8 |
| 16 2000 | 0.00 | 277 | -- | -- | -- | -- |
| 16 2300 | 0.00 | 291 | -- | -- | 0.36 | 5.0 |
| 17 200 | 0.89 | 297 | -- | -- | 0.27 | 4.8 |
| 17 500 | 0.00 | 256 | -- | -- | 0.26 | 9.8 |
| 17 800 | 0.45 | 291 | -- | -- | 0.33 | 4.8 |
| 17 1100 | 0.45 | 272 | -- | -- | 0.29 | 8.8 |
| 17 1400 | 0.00 | 255 | -- | -- | 0.28 | 9.8 |
| 17 1700 | 0.45 | 269 | -- | -- | 0.30 | 9.8 |
| 17 2000 | 0.89 | 270 | -- | -- | -- | -- |
| 17 2300 | 0.45 | 260 | -- | -- | 0.30 | 12.3 |
| 18 200 | 0.45 | 262 | -- | -- | 0.24 | 9.8 |
| 18 500 | 0.00 | 262 | -- | -- | 0.26 | 10.9 |
| 18 800 | 0.45 | 262 | -- | -- | 0.33 | 8.8 |
| 18 1100 | 0.89 | 280 | -- | -- | 0.29 | 10.9 |
| 18 1400 | 0.89 | 284 | -- | -- | 0.25 | 10.9 |
| 18 1700 | 0.89 | 273 | -- | -- | 0.25 | 10.9 |
| 18 2000 | 0.89 | 279 | -- | -- | 0.29 | 8.8 |
| 18 2300 | 0.00 | 272 | -- | -- | -- | -- |
| 19 200 | 0.00 | 279 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 500 | 0.00 | 263 | -- | -- | 0.21 | 9.8 |
| 19 800 | 0.45 | 269 | -- | -- | 0.24 | 6.9 |
| 19 1100 | 0.45 | 276 | -- | -- | 0.26 | 10.9 |
| 19 1400 | 0.45 | 272 | -- | -- | 0.21 | 9.8 |
| 19 1700 | 0.45 | 253 | -- | -- | 0.21 | 10.9 |
| 19 2000 | 0.45 | 279 | -- | -- | 0.25 | 5.6 |
| 19 2300 | 0.00 | 232 | -- | -- | 0.28 | 4.9 |
| 20 200 | 0.00 | 272 | -- | -- | 0.23 | 4.3 |
| 20 500 | 0.45 | 167 | -- | -- | 0.19 | 5.0 |
| 20 800 | 2.24 | 204 | -- | -- | -- | -- |
| 20 1100 | 4.92 | 191 | -- | -- | 0.68 | 4.0 |
| 20 1400 | 5.36 | 191 | -- | -- | 0.64 | 3.0 |
| 20 1700 | 9.39 | 162 | -- | -- | 0.78 | 5.0 |
| 20 2000 | 7.60 | 160 | -- | -- | 1.27 | 8.1 |
| 20 2300 | 3.58 | 190 | -- | -- | 1.06 | 6.9 |
| 21 200 | 4.92 | 184 | -- | -- | 0.73 | 9.8 |
| 21 500 | 6.71 | 191 | -- | -- | 0.54 | 8.6 |
| 21 800 | 4.47 | 193 | -- | -- | 0.65 | 4.1 |
| 21 1100 | 5.36 | 193 | -- | -- | 0.82 | 7.4 |
| 21 1400 | 0.89 | 221 | -- | -- | 0.59 | 7.4 |
| 21 1700 | 3.13 | 228 | -- | -- | 0.46 | 8.1 |
| 21 2000 | 0.89 | 204 | -- | -- | 0.54 | 8.1 |
| 21 2300 | 2.24 | 236 | -- | -- | 0.63 | 6.0 |
| 22 200 | 1.34 | 227 | -- | -- | 0.54 | 8.1 |
| 22 500 | 0.00 | 229 | -- | -- | -- | -- |
| 22 800 | 2.24 | 203 | -- | -- | 0.32 | 8.1 |
| 22 1100 | 0.00 | 238 | -- | -- | 0.65 | 6.9 |
| 22 1400 | 1.34 | 204 | -- | -- | 0.53 | 8.3 |
| 22 1700 | 1.34 | 193 | -- | -- | 0.44 | 9.8 |
| 22 2000 | 0.89 | 286 | -- | -- | 0.43 | 8.6 |
| 22 2300 | 7.60 | 311 | -- | -- | 0.58 | 8.1 |
| 23 200 | 7.60 | 324 | -- | -- | 0.44 | 12.3 |
| 23 500 | 6.26 | 315 | -- | -- | 0.26 | 8.8 |
| 23 800 | 7.60 | 324 | -- | -- | 0.25 | 8.1 |
| 23 1100 | 9.39 | 315 | -- | -- | 0.39 | 2.0 |
| 23 1400 | 11.62 | 327 | -- | -- | 0.29 | 9.8 |
| 23 1700 | 9.83 | 321 | -- | -- | 0.25 | 10.9 |
| 23 2000 | 1.79 | 305 | -- | -- | 0.22 | 10.9 |
| 23 2300 | 8.94 | 297 | -- | -- | 0.35 | 2.2 |
| 24 200 | 9.39 | 301 | -- | -- | 0.26 | 8.5 |
| 24 500 | 5.36 | 315 | -- | -- | 0.18 | 9.8 |
| 24 800 | 6.26 | 308 | -- | -- | 0.17 | 8.8 |
| 24 1100 | 4.02 | 307 | -- | -- | 0.19 | 9.8 |
| 24 1400 | 0.00 | 277 | -- | -- | 0.16 | 8.1 |
| 24 1700 | 0.00 | 265 | -- | -- | 0.16 | 4.5 |
| 24 2000 | 0.00 | 280 | -- | -- | 0.14 | 8.8 |
| 24 2300 | 0.00 | 276 | -- | -- | 0.16 | 9.8 |
| 25 200 | 0.00 | 249 | -- | -- | 0.16 | 12.3 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 800 | 5.81 | 184 | -- | -- | 0.47 | 3.0 |
| 25 1100 | 9.39 | 141 | -- | -- | 0.55 | 3.6 |
| 25 1400 | 11.18 | 129 | -- | -- | 1.06 | 5.6 |
| 25 1700 | 10.73 | 112 | -- | -- | 1.21 | 6.4 |
| 25 2000 | 6.26 | 101 | -- | -- | 1.21 | 6.9 |
| 25 2300 | 5.36 | 102 | -- | -- | 1.21 | 8.8 |
| 26 200 | 0.00 | 077 | -- | -- | 0.85 | 7.4 |
| 26 500 | 0.89 | 229 | -- | -- | 0.53 | 8.8 |
| 26 800 | 0.45 | 242 | -- | -- | -- | -- |
| 26 1100 | 0.45 | 195 | -- | -- | 0.39 | 6.4 |
| 26 1400 | 0.00 | 201 | -- | -- | 0.56 | 7.4 |
| 26 1700 | 4.47 | 167 | -- | -- | 0.66 | 6.0 |
| 26 2000 | 0.89 | 180 | -- | -- | 0.47 | 4.3 |
| 26 2300 | 4.02 | 122 | -- | -- | 0.47 | 7.4 |
| 27 200 | 0.89 | 149 | -- | -- | 0.48 | 6.0 |
| 27 500 | 0.00 | 279 | -- | -- | 0.48 | 7.4 |
| 27 800 | 0.00 | 258 | -- | -- | 0.34 | 5.6 |
| 27 1100 | 0.00 | 260 | -- | -- | 0.33 | 8.1 |
| 27 1400 | 0.00 | 274 | -- | -- | 0.39 | 6.4 |
| 27 1700 | 0.00 | 273 | -- | -- | 0.46 | 6.9 |
| 27 2000 | 0.00 | 270 | -- | -- | 0.42 | 7.4 |
| 27 2300 | 0.00 | 073 | -- | -- | 0.35 | 6.0 |
| 28 200 | 7.60 | 152 | -- | -- | 0.68 | 3.6 |
| 28 500 | 11.18 | 119 | -- | -- | 1.03 | 5.6 |
| 28 800 | 12.52 | 125 | -- | -- | 1.29 | 5.6 |
| 28 1100 | 13.41 | 138 | -- | -- | 1.40 | 8.8 |
| 28 1400 | 14.31 | 138 | -- | -- | 1.65 | 9.8 |
| 28 1700 | 15.65 | 148 | -- | -- | 1.93 | 5.3 |
| 28 2000 | 12.07 | 157 | -- | -- | 1.85 | 5.6 |
| 28 2300 | 9.83 | 157 | -- | -- | 1.45 | 6.0 |
| 29 200 | 9.39 | 152 | -- | -- | 1.43 | 5.6 |
| 29 500 | 10.28 | 139 | -- | -- | 1.60 | 10.9 |
| 29 800 | 10.73 | 150 | -- | -- | 1.71 | 10.9 |
| 29 1100 | 9.39 | 141 | -- | -- | 1.31 | 10.9 |
| 29 1400 | 11.18 | 142 | -- | -- | 1.31 | 12.3 |
| 29 1700 | 11.18 | 128 | -- | -- | 1.73 | 12.3 |
| 29 2000 | 12.52 | 126 | -- | -- | 1.58 | 12.3 |
| 29 2300 | 14.31 | 128 | -- | -- | 1.49 | 6.9 |
| 30 200 | 12.07 | 136 | -- | -- | 1.46 | 5.0 |
| 30 500 | 8.94 | 145 | -- | -- | 1.37 | 5.3 |
| 30 800 | 3.13 | 232 | -- | -- | 1.20 | 5.3 |
| 30 1100 | 3.58 | 197 | -- | -- | 0.87 | 12.3 |
| 30 1400 | 3.58 | 157 | -- | -- | 0.82 | 12.3 |
| 30 1700 | 8.49 | 143 | -- | -- | 0.98 | 10.9 |
| 30 2000 | 10.73 | 133 | -- | -- | 1.30 | 10.9 |
| 30 2300 | 13.41 | 139 | -- | -- | 1.36 | 5.0 |
| 31 200 | 0.89 | 310 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 500 | 2.68 | 314 | -- | -- | -- | -- |
| 31 800 | 4.47 | 311 | -- | -- | -- | -- |
| 31 1100 | 4.92 | 311 | -- | -- | 0.20 | 6.4 |
| 31 1400 | 4.92 | 311 | -- | -- | 0.18 | 14.2 |
| 31 1700 | 4.47 | 307 | -- | -- | 0.21 | 7.4 |
| 31 2000 | 0.89 | 286 | -- | -- | -- | -- |
| 31 2300 | 0.00 | 042 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 200 | 6.26 | 162 | -- | -- | 0.91 | 7.4 |
| 1 500 | 8.05 | 146 | -- | -- | 0.83 | 10.9 |
| 1 800 | 9.39 | 152 | -- | -- | 1.17 | 4.5 |
| 1 1100 | 6.71 | 156 | -- | -- | 1.00 | 6.9 |
| 1 1400 | 8.49 | 156 | -- | -- | 0.83 | 8.1 |
| 1 1700 | 9.39 | 146 | -- | -- | 0.95 | 8.1 |
| 1 2000 | 7.60 | 135 | -- | -- | 1.02 | 8.1 |
| 1 2300 | 0.45 | 212 | -- | -- | 0.71 | 7.4 |
| 2 200 | 0.00 | 270 | -- | -- | -- | -- |
| 2 500 | 0.00 | 272 | -- | -- | 0.48 | 10.9 |
| 2 800 | 0.00 | 252 | -- | -- | 0.54 | 9.8 |
| 2 1100 | 0.00 | 273 | -- | -- | 0.50 | 8.1 |
| 2 1400 | 0.00 | 260 | -- | -- | 0.38 | 10.9 |
| 2 1700 | 0.00 | 303 | -- | -- | 0.39 | 9.8 |
| 2 2000 | 0.00 | 234 | -- | -- | 0.47 | 9.8 |
| 2 2300 | 0.00 | 239 | -- | -- | 0.37 | 9.8 |
| 3 200 | 0.45 | 255 | -- | -- | 0.28 | 10.9 |
| 3 500 | 0.89 | 267 | -- | -- | 0.28 | 8.8 |
| 3 800 | 0.45 | 262 | -- | -- | 0.32 | 9.8 |
| 3 1100 | 0.00 | 255 | -- | -- | 0.29 | 8.8 |
| 3 1400 | 0.00 | 245 | -- | -- | 0.24 | 8.8 |
| 3 1700 | 0.00 | 265 | -- | -- | 0.23 | 9.8 |
| 3 2000 | 0.00 | 214 | -- | -- | 0.27 | 8.8 |
| 3 2300 | 0.00 | 155 | -- | -- | 0.28 | 8.8 |
| 4 200 | 0.00 | 105 | -- | -- | 0.25 | 4.3 |
| 4 500 | 2.68 | 159 | -- | -- | 0.29 | 2.6 |
| 4 800 | 0.45 | 273 | -- | -- | 0.32 | 4.3 |
| 4 1100 | 0.00 | 248 | -- | -- | 0.33 | 4.3 |
| 4 1400 | 0.00 | 258 | -- | -- | 0.28 | 5.6 |
| 4 1700 | 1.79 | 204 | -- | -- | 0.27 | 5.3 |
| 4 2000 | 0.89 | 217 | -- | -- | 0.28 | 5.6 |
| 4 2300 | 3.13 | 219 | -- | -- | -- | -- |
| 5 200 | 1.79 | 238 | -- | -- | 0.27 | 5.3 |
| 5 500 | 2.24 | 205 | -- | -- | 0.17 | 5.6 |
| 5 800 | 3.13 | 219 | -- | -- | 0.23 | 4.3 |
| 5 1100 | 3.58 | 218 | -- | -- | 0.29 | 2.0 |
| 5 1400 | 1.79 | 186 | -- | -- | 0.26 | 5.6 |
| 5 1700 | 1.34 | 187 | -- | -- | 0.25 | 5.0 |
| 5 2000 | 4.02 | 210 | -- | -- | 0.36 | 2.7 |
| 5 2300 | 3.58 | 208 | -- | -- | -- | -- |
| 6 200 | 2.68 | 193 | -- | -- | 0.39 | 5.6 |
| 6 500 | 3.13 | 183 | -- | -- | 0.28 | 3.1 |
| 6 800 | 3.13 | 193 | -- | -- | 0.37 | 4.5 |
| 6 1100 | 2.24 | 167 | -- | -- | 0.48 | 5.3 |
| 6 1400 | 6.71 | 150 | -- | -- | 0.53 | 5.3 |
| 6 1700 | 4.92 | 156 | -- | -- | 0.39 | 5.3 |
| 6 2000 | 4.47 | 143 | -- | -- | 0.36 | 5.3 |
| 6 2300 | 3.13 | 119 | -- | -- | 0.45 | 5.3 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 200 | 2.24 | 097 | -- | -- | 0.52 | 6.4 |
| 7 500 | 3.13 | 093 | -- | -- | 0.42 | 6.0 |
| 7 800 | 4.92 | 112 | -- | -- | -- | -- |
| 7 1100 | 4.47 | 102 | -- | -- | 0.78 | 8.1 |
| 7 1400 | 3.58 | 097 | -- | -- | 0.90 | 14.2 |
| 7 1700 | 6.26 | 090 | -- | -- | 0.80 | 8.1 |
| 7 2000 | 5.36 | 093 | -- | -- | 0.99 | 12.3 |
| 7 2300 | 7.60 | 083 | -- | -- | 1.20 | 7.4 |
| 8 200 | 5.36 | 090 | -- | -- | 1.14 | 12.3 |
| 8 500 | 6.71 | 088 | -- | -- | 0.88 | 5.6 |
| 8 800 | 5.36 | 101 | -- | -- | 0.80 | 9.8 |
| 8 1100 | 5.36 | 091 | -- | -- | 1.01 | 8.1 |
| 8 1400 | 4.47 | 097 | -- | -- | 1.21 | 12.3 |
| 8 1700 | 4.47 | 100 | -- | -- | 1.06 | 12.3 |
| 8 2000 | 5.36 | 097 | -- | -- | 1.02 | 12.3 |
| 8 2300 | 3.58 | 094 | -- | -- | 1.16 | 8.1 |
| 9 200 | 3.58 | 087 | -- | -- | 1.01 | 8.1 |
| 9 500 | 3.58 | 114 | -- | -- | -- | -- |
| 9 800 | 3.13 | 093 | -- | -- | -- | -- |
| 9 1100 | 2.68 | 086 | -- | -- | 0.78 | 10.9 |
| 9 1400 | 2.24 | 091 | -- | -- | 0.81 | 9.8 |
| 9 1700 | 1.79 | 073 | -- | -- | 0.65 | 7.4 |
| 9 2000 | 0.45 | 062 | -- | -- | 0.54 | 9.8 |
| 9 2300 | 0.00 | 050 | -- | -- | 0.59 | 8.8 |
| 10 200 | 0.45 | 032 | -- | -- | 0.58 | 8.1 |
| 10 500 | 0.00 | 035 | -- | -- | 0.52 | 9.8 |
| 10 800 | 0.45 | 282 | -- | -- | 0.41 | 8.1 |
| 10 1100 | 2.68 | 308 | -- | -- | 0.43 | 6.4 |
| 10 1400 | 2.24 | 314 | -- | -- | 0.57 | 6.0 |
| 10 1700 | 1.34 | 311 | -- | -- | 0.46 | 8.8 |
| 10 2000 | 0.89 | 322 | -- | -- | 0.37 | 8.1 |
| 10 2300 | 0.45 | 314 | -- | -- | 0.45 | 8.8 |
| 11 200 | 0.00 | 001 | -- | -- | 0.50 | 8.8 |
| 11 500 | 0.00 | 042 | -- | -- | 0.40 | 8.1 |
| 11 800 | 0.45 | 293 | -- | -- | 0.32 | 8.1 |
| 11 1100 | 0.00 | 291 | -- | -- | 0.33 | 7.4 |
| 11 1400 | 0.00 | 289 | -- | -- | 0.36 | 7.4 |
| 11 1700 | 0.00 | 253 | -- | -- | 0.36 | 8.1 |
| 11 2000 | 0.00 | 260 | -- | -- | 0.31 | 7.4 |
| 11 2300 | 0.00 | 262 | -- | -- | 0.29 | 6.9 |
| 12 200 | 0.00 | 272 | -- | -- | 0.35 | 6.9 |
| 12 500 | 0.00 | 274 | -- | -- | 0.31 | 6.9 |
| 12 800 | 0.00 | 253 | -- | -- | 0.25 | 9.8 |
| 12 1100 | 0.45 | 279 | -- | -- | 0.23 | 6.4 |
| 12 1400 | 0.45 | 270 | -- | -- | 0.27 | 6.0 |
| 12 1700 | 1.34 | 290 | -- | -- | 0.27 | 8.1 |
| 12 2000 | 1.79 | 296 | -- | -- | 0.26 | 9.8 |
| 12 2300 | 0.45 | 321 | -- | -- | 0.23 | 9.8 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 500 | 4.92 | 311 | -- | -- | 0.24 | 8.1 |
| 13 800 | 2.24 | 298 | -- | -- | 0.24 | 8.8 |
| 13 1100 | 4.02 | 308 | -- | -- | 0.25 | 8.1 |
| 13 1400 | 1.34 | 307 | -- | -- | 0.26 | 8.1 |
| 13 1700 | 0.89 | 276 | -- | -- | 0.30 | 8.1 |
| 13 2000 | 0.00 | 293 | -- | -- | 0.26 | 9.8 |
| 13 2300 | 1.79 | 294 | -- | -- | 0.25 | 9.8 |
| 14 200 | 3.58 | 310 | -- | -- | -- | -- |
| 14 500 | 1.79 | 294 | -- | -- | 0.25 | 9.8 |
| 14 800 | 0.45 | 301 | -- | -- | 0.23 | 9.8 |
| 14 1100 | 0.00 | 334 | -- | -- | 0.22 | 10.9 |
| 14 1400 | 0.00 | 315 | -- | -- | 0.21 | 9.8 |
| 14 1700 | 0.00 | 204 | -- | -- | 0.23 | 9.8 |
| 14 2000 | 0.89 | 293 | -- | -- | 0.23 | 9.8 |
| 14 2300 | 0.00 | 351 | -- | -- | 0.20 | 9.8 |
| 15 200 | 0.00 | 276 | -- | -- | 0.18 | 9.8 |
| 15 500 | 0.00 | 284 | -- | -- | 0.19 | 9.8 |
| 15 800 | 0.00 | 269 | -- | -- | 0.19 | 9.3 |
| 15 1100 | 0.00 | 277 | -- | -- | 0.17 | 8.8 |
| 15 1400 | 0.45 | 274 | -- | -- | 0.17 | 9.8 |
| 15 1700 | 0.00 | 280 | -- | -- | 0.19 | 8.1 |
| 15 2000 | 0.00 | 280 | -- | -- | 0.20 | 9.8 |
| 15 2300 | 0.00 | 258 | -- | -- | -- | -- |
| 16 200 | 0.45 | 256 | -- | -- | -- | -- |
| 16 500 | 0.00 | 265 | -- | -- | 0.19 | 9.8 |
| 16 800 | 0.00 | 267 | -- | -- | 0.22 | 8.8 |
| 16 1100 | 2.24 | 311 | -- | -- | 0.19 | 8.1 |
| 16 1400 | 0.45 | 301 | -- | -- | 0.18 | 9.8 |
| 16 1700 | 0.00 | 290 | -- | -- | 0.21 | 7.4 |
| 16 2000 | 0.00 | 267 | -- | -- | -- | -- |
| 16 2300 | 0.00 | 229 | -- | -- | -- | -- |
| 17 200 | 0.00 | 234 | -- | -- | 0.18 | 7.4 |
| 17 500 | 0.00 | 277 | -- | -- | 0.17 | 8.1 |
| 17 800 | 0.00 | 266 | -- | -- | 0.22 | 8.8 |
| 17 1100 | 0.00 | 248 | -- | -- | 0.23 | 8.1 |
| 17 1400 | 0.45 | 208 | -- | -- | 0.20 | 8.1 |
| 17 1700 | 0.00 | 273 | -- | -- | 0.24 | 7.4 |
| 17 2000 | 0.00 | 294 | -- | -- | 0.32 | 8.1 |
| 17 2300 | 0.00 | 258 | -- | -- | 0.34 | 8.8 |
| 18 200 | 0.00 | 031 | -- | -- | 0.27 | 9.8 |
| 18 500 | 0.45 | 272 | -- | -- | 0.26 | 10.9 |
| 18 800 | 0.45 | 256 | -- | -- | 0.34 | 9.8 |
| 18 1100 | 0.00 | 272 | -- | -- | 0.42 | 9.8 |
| 18 1400 | 0.89 | 273 | -- | -- | 0.33 | 10.9 |
| 18 1700 | 0.45 | 273 | -- | -- | 0.31 | 9.3 |
| 18 2000 | 0.00 | 274 | -- | -- | 0.41 | 9.8 |
| 18 2300 | 0.00 | 252 | -- | -- | 0.37 | 7.4 |
| 19 200 | 0.89 | 173 | -- | -- | 0.31 | 9.8 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 500 | 2.24 | 167 | -- | -- | 0.36 | 8.1 |
| 19 800 | 5.81 | 164 | -- | -- | 0.53 | 8.8 |
| 19 1100 | 7.15 | 168 | -- | -- | 0.65 | 7.4 |
| 19 1400 | 8.05 | 152 | -- | -- | 0.73 | 4.1 |
| 19 1700 | 10.73 | 149 | -- | -- | 0.86 | 5.0 |
| 19 2000 | 8.49 | 155 | -- | -- | 0.92 | 4.1 |
| 19 2300 | 8.05 | 159 | -- | -- | 0.98 | 4.8 |
| 20 200 | 8.05 | 149 | -- | -- | 0.89 | 6.4 |
| 20 500 | 8.05 | 143 | -- | -- | 0.62 | 6.9 |
| 20 800 | 8.05 | 142 | -- | -- | 0.81 | 6.4 |
| 20 1100 | 8.49 | 146 | -- | -- | 1.02 | 7.4 |
| 20 1400 | 7.60 | 142 | -- | -- | 0.96 | 8.1 |
| 20 1700 | 7.60 | 131 | -- | -- | 0.81 | 6.9 |
| 20 2000 | 8.05 | 135 | -- | -- | 0.89 | 7.4 |
| 20 2300 | 6.71 | 133 | -- | -- | 0.97 | 6.0 |
| 21 200 | 7.60 | 132 | -- | -- | 0.91 | 7.4 |
| 21 500 | 7.60 | 131 | -- | -- | 0.60 | 8.8 |
| 21 800 | 8.05 | 135 | -- | -- | 0.69 | 8.1 |
| 21 1100 | 8.05 | 136 | -- | -- | 0.96 | 8.1 |
| 21 1400 | 8.94 | 143 | -- | -- | 1.05 | 6.9 |
| 21 1700 | 9.83 | 145 | -- | -- | 0.96 | 8.1 |
| 21 2000 | 9.83 | 143 | -- | -- | -- | -- |
| 21 2300 | 9.39 | 142 | -- | -- | 1.15 | 8.1 |
| 22 200 | 8.94 | 141 | -- | -- | 1.08 | 4.5 |
| 22 500 | 8.94 | 136 | -- | -- | 0.71 | 4.8 |
| 22 800 | 8.94 | 142 | -- | -- | 0.73 | 6.0 |
| 22 1100 | 7.60 | 143 | -- | -- | 0.99 | 8.8 |
| 22 1400 | 7.60 | 141 | -- | -- | 1.01 | 7.4 |
| 22 1700 | 7.60 | 139 | -- | -- | 0.86 | 12.3 |
| 22 2000 | 6.26 | 143 | -- | -- | 0.75 | 7.4 |
| 22 2300 | 4.92 | 146 | -- | -- | 0.80 | 6.4 |
| 23 200 | 4.02 | 150 | -- | -- | 0.84 | 12.3 |
| 23 500 | 2.24 | 176 | -- | -- | 0.55 | 10.9 |
| 23 800 | 1.79 | 176 | -- | -- | -- | -- |
| 23 1100 | 0.45 | 215 | -- | -- | 0.66 | 8.1 |
| 23 1400 | 0.00 | 262 | -- | -- | 0.77 | 6.4 |
| 23 1700 | 0.00 | 280 | -- | -- | 0.54 | 7.4 |
| 23 2000 | 0.89 | 307 | -- | -- | 0.43 | 6.9 |
| 23 2300 | 1.79 | 289 | -- | -- | 0.52 | 8.8 |
| 24 200 | 0.89 | 274 | -- | -- | 0.55 | 12.3 |
| 24 500 | 1.79 | 294 | -- | -- | -- | -- |
| 24 800 | 0.89 | 315 | -- | -- | 0.27 | 8.8 |
| 24 1100 | 0.00 | 317 | -- | -- | 0.33 | 7.4 |
| 24 1400 | 1.34 | 320 | -- | -- | 0.40 | 8.1 |
| 24 1700 | 2.68 | 324 | -- | -- | 0.33 | 8.1 |
| 24 2000 | 10.73 | 311 | -- | -- | 0.31 | 8.1 |
| 24 2300 | 9.39 | 297 | -- | -- | 0.32 | 2.3 |
| 25 200 | 7.60 | 321 | -- | -- | 0.29 | 8.1 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 800 | 8.05 | 314 | -- | -- | 0.25 | 2.0 |
| 25 1100 | 11.18 | 314 | -- | -- | 0.34 | 2.4 |
| 25 1400 | 7.15 | 320 | -- | -- | 0.30 | 2.1 |
| 25 1700 | 7.60 | 315 | -- | -- | -- | -- |
| 25 2000 | 7.60 | 310 | -- | -- | -- | -- |
| 25 2300 | 7.15 | 311 | -- | -- | -- | -- |
| 26 200 | 4.47 | 329 | -- | -- | 0.27 | 8.8 |
| 26 500 | 3.13 | 011 | -- | -- | -- | -- |
| 26 800 | 0.89 | 033 | -- | -- | 0.25 | 10.9 |
| 26 1100 | 0.89 | 291 | -- | -- | 0.30 | 8.8 |
| 26 1400 | 4.47 | 318 | -- | -- | 0.31 | 9.8 |
| 26 1700 | 3.58 | 315 | -- | -- | -- | -- |
| 26 2000 | 0.45 | 296 | -- | -- | 0.38 | 8.8 |
| 26 2300 | 0.89 | 269 | -- | -- | 0.32 | 10.9 |
| 27 200 | 0.00 | 255 | -- | -- | 0.40 | 9.8 |
| 27 500 | 0.00 | 255 | -- | -- | -- | -- |
| 27 800 | 0.00 | 272 | -- | -- | -- | -- |
| 27 1100 | 0.45 | 249 | -- | -- | 0.36 | 10.9 |
| 27 1400 | 0.89 | 265 | -- | -- | 0.38 | 8.1 |
| 27 1700 | 0.00 | 287 | -- | -- | -- | -- |
| 27 2000 | 0.45 | 266 | -- | -- | -- | -- |
| 27 2300 | 0.00 | 258 | -- | -- | -- | -- |
| 28 200 | 0.00 | 050 | -- | -- | -- | -- |
| 28 500 | 0.00 | 269 | -- | -- | -- | -- |
| 28 800 | 1.79 | 091 | -- | -- | 0.40 | 8.1 |
| 28 1100 | 3.13 | 093 | -- | -- | 0.37 | 8.1 |
| 28 1400 | 2.24 | 094 | -- | -- | 0.42 | 6.0 |
| 28 1700 | 4.02 | 078 | -- | -- | 0.52 | 5.0 |
| 28 2000 | 3.13 | 101 | -- | -- | -- | -- |
| 28 2300 | 3.13 | 102 | -- | -- | 0.50 | 5.0 |
| 29 200 | 4.47 | 097 | -- | -- | 0.47 | 6.0 |
| 29 500 | 3.58 | 097 | -- | -- | 0.67 | 6.9 |
| 29 800 | 4.47 | 091 | -- | -- | 0.67 | 6.4 |
| 29 1100 | 3.58 | 090 | -- | -- | -- | -- |
| 29 1400 | 1.79 | 102 | -- | -- | 0.59 | 7.4 |
| 29 1700 | 3.13 | 105 | -- | -- | -- | -- |
| 29 2000 | 4.02 | 112 | -- | -- | -- | -- |
| 29 2300 | 3.58 | 098 | -- | -- | -- | -- |
| 30 200 | 3.58 | 107 | -- | -- | 0.55 | 9.8 |
| 30 500 | 3.13 | 088 | -- | -- | -- | -- |
| 30 800 | 2.68 | 088 | -- | -- | 0.79 | 12.3 |
| 30 1100 | 1.34 | 091 | -- | -- | 0.79 | 10.9 |
| 30 1400 | 0.89 | 052 | -- | -- | 0.75 | 8.8 |
| 30 1700 | 0.89 | 086 | -- | -- | 0.81 | 7.4 |
| 30 2000 | 0.00 | 022 | -- | -- | -- | -- |
| 30 2300 | 0.00 | 052 | -- | -- | -- | -- |
| 31 200 | 1.34 | 320 | -- | -- | -- | -- |
| 31 500 | 0.45 | 011 | -- | -- | 0.54 | 9.8 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 800 | 0.00 | 022 | -- | -- | -- | -- |
| 31 1100 | 0.45 | 019 | -- | -- | -- | -- |
| 31 1400 | 3.13 | 088 | -- | -- | 0.50 | 10.9 |
| 31 1700 | 4.92 | 078 | -- | -- | 0.56 | 8.1 |
| 31 2000 | 4.92 | 090 | -- | -- | -- | -- |
| 31 2300 | 2.24 | 135 | -- | -- | 0.57 | 8.8 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 200 | 1.34 | 080 | -- | -- | -- | -- |
| 1 500 | 3.58 | 084 | -- | -- | 0.41 | 10.9 |
| 1 800 | 5.36 | 063 | -- | -- | 0.55 | 8.1 |
| 1 1100 | 6.71 | 062 | -- | -- | 0.63 | 6.4 |
| 1 1400 | 5.36 | 053 | -- | -- | 0.60 | 7.4 |
| 1 1700 | 4.47 | 056 | -- | -- | 0.54 | 7.4 |
| 1 2000 | 4.02 | 029 | -- | -- | 0.59 | 8.8 |
| 1 2300 | 4.47 | 320 | -- | -- | -- | -- |
| 2 200 | 6.71 | 314 | -- | -- | -- | -- |
| 2 500 | 6.26 | 314 | -- | -- | -- | -- |
| 2 800 | 5.36 | 310 | -- | -- | 0.44 | 9.8 |
| 2 1100 | 3.13 | 305 | -- | -- | -- | -- |
| 2 1400 | 0.89 | 322 | -- | -- | -- | -- |
| 2 1700 | 0.45 | 301 | -- | -- | 0.50 | 9.8 |
| 2 2000 | 0.45 | 313 | -- | -- | -- | -- |
| 2 2300 | 0.89 | 298 | -- | -- | 0.49 | 7.4 |
| 3 200 | 0.00 | 224 | -- | -- | 0.43 | 9.8 |
| 3 500 | 2.24 | 203 | -- | -- | 0.37 | 8.8 |
| 3 800 | 0.89 | 246 | -- | -- | 0.40 | 10.9 |
| 3 1100 | 1.79 | 320 | -- | -- | -- | -- |
| 3 1400 | 5.36 | 313 | -- | -- | 0.47 | 10.9 |
| 3 1700 | 4.47 | 313 | -- | -- | 0.40 | 12.3 |
| 3 2000 | 7.60 | 315 | -- | -- | 0.46 | 10.9 |
| 3 2300 | 11.18 | 313 | -- | -- | 0.54 | 9.8 |
| 4 200 | 14.31 | 320 | -- | -- | -- | -- |
| 4 500 | 20.56 | 314 | -- | -- | -- | -- |
| 4 800 | 18.33 | 315 | -- | -- | -- | -- |
| 4 1100 | 13.86 | 315 | -- | -- | -- | -- |
| 4 1400 | 15.20 | 318 | -- | -- | -- | -- |
| 4 1700 | 13.86 | 324 | -- | -- | -- | -- |
| 4 2000 | 12.96 | 320 | -- | -- | -- | -- |
| 4 2300 | 8.05 | 296 | -- | -- | -- | -- |
| 5 200 | 6.71 | 301 | -- | -- | -- | -- |
| 5 500 | 1.34 | 286 | -- | -- | -- | -- |
| 5 800 | 0.45 | 250 | -- | -- | -- | -- |
| 5 1100 | 1.34 | 272 | -- | -- | -- | -- |
| 5 1400 | 3.13 | 239 | -- | -- | -- | -- |
| 5 1700 | 5.81 | 243 | -- | -- | -- | -- |
| 5 2000 | 4.92 | 248 | -- | -- | -- | -- |
| 5 2300 | 4.92 | 248 | -- | -- | -- | -- |
| 6 200 | 4.92 | 248 | -- | -- | -- | -- |
| 6 500 | 2.68 | 228 | -- | -- | -- | -- |
| 6 800 | 3.58 | 217 | -- | -- | -- | -- |
| 6 1100 | 3.58 | 241 | -- | -- | -- | -- |
| 6 1400 | 3.13 | 246 | -- | -- | -- | -- |
| 6 1700 | 2.24 | 239 | -- | -- | -- | -- |
| 6 2000 | 1.79 | 243 | -- | -- | -- | -- |
| 6 2300 | 0.00 | 277 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 200 | 0.89 | 218 | -- | -- | -- | -- |
| 7 500 | 1.79 | 232 | -- | -- | -- | -- |
| 7 800 | 0.45 | 198 | -- | -- | -- | -- |
| 7 1100 | 3.13 | 181 | -- | -- | -- | -- |
| 7 1400 | 4.02 | 166 | -- | -- | -- | -- |
| 7 1700 | 4.92 | 159 | -- | -- | -- | -- |
| 7 2000 | 4.02 | 145 | -- | -- | -- | -- |
| 7 2300 | 4.47 | 139 | -- | -- | -- | -- |
| 8 200 | 0.45 | 101 | -- | -- | -- | -- |
| 8 500 | 0.45 | 355 | -- | -- | 0.19 | 7.4 |
| 8 800 | 1.79 | 310 | -- | -- | 0.15 | 6.0 |
| 8 1100 | 3.13 | 314 | -- | -- | 0.26 | 8.1 |
| 8 1400 | 4.02 | 315 | -- | -- | 0.26 | 8.1 |
| 8 1700 | 3.58 | 325 | -- | -- | 0.22 | 8.1 |
| 8 2000 | 3.13 | 025 | -- | -- | 0.29 | 8.1 |
| 8 2300 | 6.71 | 071 | -- | -- | 0.44 | 7.4 |
| 9 200 | 8.05 | 078 | -- | -- | 0.77 | 8.1 |
| 9 500 | 6.71 | 090 | -- | -- | 0.74 | 7.4 |
| 9 800 | 7.60 | 093 | -- | -- | -- | -- |
| 9 1100 | 7.60 | 115 | -- | -- | 0.80 | 9.8 |
| 9 1400 | 4.92 | 114 | -- | -- | 0.94 | 8.1 |
| 9 1700 | 5.36 | 108 | -- | -- | 0.98 | 10.9 |
| 9 2000 | 3.58 | 101 | -- | -- | 0.85 | 8.1 |
| 9 2300 | 3.58 | 095 | -- | -- | 0.85 | 10.9 |
| 10 200 | 5.36 | 077 | -- | -- | 0.83 | 5.0 |
| 10 500 | 1.34 | 033 | -- | -- | 0.81 | 10.9 |
| 10 800 | 1.34 | 287 | -- | -- | 0.66 | 8.8 |
| 10 1100 | 0.89 | 212 | -- | -- | 0.63 | 10.9 |
| 10 1400 | 0.89 | 200 | -- | -- | 0.54 | 12.3 |
| 10 1700 | 3.58 | 225 | -- | -- | 0.58 | 12.3 |
| 10 2000 | 0.00 | 262 | -- | -- | 0.54 | 10.9 |
| 10 2300 | 0.00 | 248 | -- | -- | 0.49 | 7.4 |
| 11 200 | 0.00 | 276 | -- | -- | 0.53 | 10.9 |
| 11 500 | 0.45 | 241 | -- | -- | 0.49 | 8.1 |
| 11 800 | 1.34 | 210 | -- | -- | 0.38 | 10.9 |
| 11 1100 | 1.79 | 198 | -- | -- | 0.36 | 10.9 |
| 11 1400 | 1.79 | 149 | -- | -- | 0.39 | 9.8 |
| 11 1700 | 3.58 | 132 | -- | -- | 0.63 | 8.8 |
| 11 2000 | 14.31 | 159 | -- | -- | 1.24 | 5.6 |
| 11 2300 | 12.07 | 166 | -- | -- | 1.32 | 8.1 |
| 12 200 | 2.24 | 198 | -- | -- | 1.00 | 6.4 |
| 12 500 | 1.79 | 145 | -- | -- | 0.84 | 8.1 |
| 12 800 | 0.45 | 153 | -- | -- | 0.70 | 10.9 |
| 12 1100 | 11.18 | 166 | -- | -- | 1.11 | 6.0 |
| 12 1400 | 11.18 | 160 | -- | -- | 1.18 | 6.0 |
| 12 1700 | 9.83 | 166 | -- | -- | 1.31 | 8.1 |
| 12 2000 | 7.60 | 155 | -- | -- | 1.09 | 7.4 |
| 12 2300 | 6.71 | 149 | -- | -- | 1.06 | 6.0 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 500 | 8.94 | 162 | -- | -- | 1.18 | 14.2 |
| 13 800 | 10.28 | 149 | -- | -- | 1.27 | 10.9 |
| 13 1100 | 11.18 | 176 | -- | -- | 1.34 | 5.6 |
| 13 1400 | 3.13 | 188 | -- | -- | 1.16 | 5.0 |
| 13 1700 | 3.58 | 187 | -- | -- | 1.18 | 12.3 |
| 13 2000 | 3.58 | 181 | -- | -- | -- | -- |
| 13 2300 | 2.24 | 181 | -- | -- | 0.78 | 10.9 |
| 14 200 | 3.13 | 180 | -- | -- | 0.68 | 6.9 |
| 14 500 | 3.58 | 157 | -- | -- | 0.71 | 8.1 |
| 14 800 | 0.89 | 188 | -- | -- | 0.67 | 12.3 |
| 14 1100 | 0.89 | 207 | -- | -- | 0.57 | 12.3 |
| 14 1400 | 0.00 | 293 | -- | -- | 0.54 | 7.4 |
| 14 1700 | 0.00 | 248 | -- | -- | 0.61 | 12.3 |
| 14 2000 | 0.00 | 269 | -- | -- | 0.62 | 12.3 |
| 14 2300 | 0.00 | 212 | -- | -- | 0.46 | 10.9 |
| 15 200 | 0.45 | 208 | -- | -- | 0.37 | 7.4 |
| 15 500 | 0.00 | 298 | -- | -- | 0.39 | 10.9 |
| 15 800 | 0.00 | 310 | -- | -- | 0.49 | 9.8 |
| 15 1100 | 0.00 | 276 | -- | -- | 0.45 | 12.3 |
| 15 1400 | 0.45 | 269 | -- | -- | 0.35 | 10.9 |
| 15 1700 | 0.45 | 262 | -- | -- | 0.43 | 8.1 |
| 15 2000 | 0.89 | 282 | -- | -- | 0.41 | 10.9 |
| 15 2300 | 0.45 | 287 | -- | -- | -- | -- |
| 16 200 | 0.45 | 310 | -- | -- | 0.31 | 10.9 |
| 16 500 | 0.00 | 301 | -- | -- | 0.32 | 9.8 |
| 16 800 | 0.00 | 329 | -- | -- | -- | -- |
| 16 1100 | 0.89 | 102 | -- | -- | -- | -- |
| 16 1400 | 0.00 | 081 | -- | -- | -- | -- |
| 16 1700 | 0.00 | 001 | -- | -- | -- | -- |
| 16 2000 | 0.00 | 243 | -- | -- | -- | -- |
| 16 2300 | 0.00 | 253 | -- | -- | -- | -- |
| 17 200 | 0.00 | 356 | -- | -- | 0.33 | 9.8 |
| 17 500 | 0.45 | 050 | -- | -- | 0.31 | 10.9 |
| 17 800 | 0.45 | 031 | -- | -- | 0.36 | 9.8 |
| 17 1100 | 0.45 | 035 | -- | -- | 0.49 | 10.9 |
| 17 1400 | 1.34 | 317 | -- | -- | 0.41 | 9.8 |
| 17 1700 | 2.68 | 314 | -- | -- | 0.35 | 6.4 |
| 17 2000 | 0.89 | 317 | -- | -- | 0.44 | 8.8 |
| 17 2300 | 1.79 | 314 | -- | -- | 0.41 | 7.4 |
| 18 200 | 0.00 | 032 | -- | -- | -- | -- |
| 18 500 | 0.00 | 270 | -- | -- | 0.25 | 8.1 |
| 18 800 | 0.45 | 014 | -- | -- | 0.29 | 6.4 |
| 18 1100 | 2.24 | 313 | -- | -- | 0.32 | 6.9 |
| 18 1400 | 2.24 | 321 | -- | -- | 0.22 | 8.8 |
| 18 1700 | 0.45 | 304 | -- | -- | 0.20 | 7.4 |
| 18 2000 | 0.00 | 314 | -- | -- | 0.23 | 8.8 |
| 18 2300 | 0.00 | 253 | -- | -- | 0.25 | 14.2 |
| 19 200 | 2.24 | 298 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 500 | 0.89 | 291 | -- | -- | 0.22 | 14.2 |
| 19 800 | 0.45 | 304 | -- | -- | 0.23 | 14.2 |
| 19 1100 | 2.24 | 318 | -- | -- | 0.26 | 12.3 |
| 19 1400 | 1.34 | 286 | -- | -- | -- | -- |
| 19 1700 | 1.34 | 296 | -- | -- | -- | -- |
| 19 2000 | 0.45 | 279 | -- | -- | -- | -- |
| 19 2300 | 1.34 | 307 | -- | -- | -- | -- |
| 20 200 | 0.00 | 019 | -- | -- | -- | -- |
| 20 500 | 1.79 | 321 | -- | -- | -- | -- |
| 20 800 | 0.89 | 007 | -- | -- | -- | -- |
| 20 1100 | 1.34 | 066 | -- | -- | -- | -- |
| 20 1400 | 0.89 | 083 | -- | -- | -- | -- |
| 20 1700 | 1.79 | 305 | -- | -- | -- | -- |
| 20 2000 | 0.00 | 036 | -- | -- | -- | -- |
| 20 2300 | 0.45 | 296 | -- | -- | -- | -- |
| 21 200 | 0.00 | 308 | -- | -- | -- | -- |
| 21 500 | 0.00 | 066 | -- | -- | -- | -- |
| 21 800 | 0.00 | 066 | -- | -- | -- | -- |
| 21 1100 | 0.89 | 049 | -- | -- | -- | -- |
| 21 1400 | 0.89 | 038 | -- | -- | -- | -- |
| 21 1700 | 3.58 | 329 | -- | -- | -- | -- |
| 21 2000 | 3.58 | 321 | -- | -- | -- | -- |
| 21 2300 | 3.58 | 313 | -- | -- | -- | -- |
| 22 200 | 3.13 | 314 | -- | -- | -- | -- |
| 22 500 | 0.89 | 311 | -- | -- | -- | -- |
| 22 800 | 0.45 | 298 | -- | -- | 0.30 | 8.8 |
| 22 1100 | 6.71 | 315 | -- | -- | 0.39 | 8.1 |
| 22 1400 | 3.58 | 317 | -- | -- | 0.29 | 8.1 |
| 22 1700 | 4.92 | 344 | -- | -- | 0.23 | 7.4 |
| 22 2000 | 4.02 | 317 | -- | -- | 0.19 | 10.9 |
| 22 2300 | 3.58 | 311 | -- | -- | -- | -- |
| 23 200 | 3.58 | 322 | -- | -- | -- | -- |
| 23 500 | 3.58 | 307 | -- | -- | -- | -- |
| 23 800 | 3.13 | 301 | -- | -- | 0.19 | 8.1 |
| 23 1100 | 3.13 | 296 | -- | -- | -- | -- |
| 23 1400 | 1.79 | 262 | -- | -- | -- | -- |
| 23 1700 | 2.68 | 310 | -- | -- | -- | -- |
| 23 2000 | 1.79 | 305 | -- | -- | -- | -- |
| 23 2300 | 0.45 | 005 | -- | -- | -- | -- |
| 24 200 | 0.89 | 002 | -- | -- | -- | -- |
| 24 500 | 3.58 | 001 | -- | -- | -- | -- |
| 24 800 | 2.24 | 334 | -- | -- | -- | -- |
| 24 1100 | 3.13 | 335 | -- | -- | -- | -- |
| 24 1400 | 8.05 | 315 | -- | -- | -- | -- |
| 24 1700 | 7.15 | 315 | -- | -- | -- | -- |
| 24 2000 | 5.36 | 339 | -- | -- | -- | -- |
| 24 2300 | 4.02 | 332 | -- | -- | -- | -- |
| 25 200 | 3.58 | 334 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 800 | 2.24 | 303 | -- | -- | -- | -- |
| 25 1100 | 0.89 | 283 | -- | -- | -- | -- |
| 25 1400 | 0.45 | 282 | -- | -- | -- | -- |
| 25 1700 | 0.00 | 276 | -- | -- | -- | -- |
| 25 2000 | 1.34 | 043 | -- | -- | -- | -- |
| 25 2300 | 9.39 | 087 | -- | -- | 0.47 | 4.3 |
| 26 200 | 13.41 | 077 | -- | -- | -- | -- |
| 26 500 | 12.96 | 069 | -- | -- | -- | -- |
| 26 800 | 10.73 | 059 | -- | -- | -- | -- |
| 26 1100 | 8.49 | 012 | -- | -- | -- | -- |
| 26 1400 | 13.86 | 320 | -- | -- | -- | -- |
| 26 1700 | 3.58 | 314 | -- | -- | -- | -- |
| 26 2000 | 0.00 | 296 | -- | -- | -- | -- |
| 26 2300 | 0.00 | 267 | -- | -- | 0.43 | 10.9 |
| 27 200 | 0.00 | 291 | -- | -- | 0.39 | 10.9 |
| 27 500 | 0.00 | 272 | -- | -- | 0.44 | 10.9 |
| 27 800 | 0.00 | 272 | -- | -- | 0.38 | 5.0 |
| 27 1100 | 0.45 | 280 | -- | -- | 0.32 | 10.9 |
| 27 1400 | 1.79 | 035 | -- | -- | 0.35 | 9.8 |
| 27 1700 | 4.92 | 314 | -- | -- | 0.45 | 4.8 |
| 27 2000 | 6.26 | 307 | -- | -- | 0.45 | 14.2 |
| 27 2300 | 5.36 | 315 | -- | -- | -- | -- |
| 28 200 | 0.00 | 273 | -- | -- | -- | -- |
| 28 500 | 0.00 | 300 | -- | -- | -- | -- |
| 28 800 | 1.34 | 334 | -- | -- | 0.39 | 6.9 |
| 28 1100 | 0.45 | 355 | -- | -- | 0.34 | 7.4 |
| 28 1400 | 0.00 | 311 | -- | -- | -- | -- |
| 28 1700 | 0.00 | 308 | -- | -- | -- | -- |
| 28 2000 | 0.45 | 208 | -- | -- | -- | -- |
| 28 2300 | 2.24 | 164 | -- | -- | -- | -- |
| 29 200 | 1.79 | 224 | -- | -- | -- | -- |
| 29 500 | 0.00 | 001 | -- | -- | -- | -- |
| 29 800 | 0.00 | 001 | -- | -- | -- | -- |
| 29 1100 | 0.00 | 001 | -- | -- | -- | -- |
| 29 1400 | 6.26 | 205 | -- | -- | -- | -- |
| 29 1700 | 8.94 | 193 | -- | -- | -- | -- |
| 29 2000 | 6.26 | 197 | -- | -- | -- | -- |
| 29 2300 | 6.71 | 219 | -- | -- | -- | -- |
| 30 200 | 6.71 | 219 | -- | -- | -- | -- |
| 30 500 | 9.39 | 212 | -- | -- | -- | -- |
| 30 800 | 1.79 | 212 | -- | -- | -- | -- |
| 30 1100 | 0.00 | 315 | -- | -- | -- | -- |
| 30 1400 | 0.00 | 277 | -- | -- | -- | -- |
| 30 1700 | 0.00 | 273 | -- | -- | -- | -- |
| 30 2000 | 0.00 | 256 | -- | -- | -- | -- |
| 30 2300 | 3.58 | 305 | -- | -- | -- | -- |
| 31 200 | 0.45 | 313 | -- | -- | -- | -- |
| 31 500 | 0.00 | 276 | -- | -- | 0.19 | 6.9 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 800 | 0.00 | 256 | -- | -- | 0.22 | 7.4 |
| 31 1100 | 0.45 | 253 | -- | -- | 0.31 | 8.1 |
| 31 1400 | 0.89 | 262 | -- | -- | 0.27 | 9.8 |
| 31 1700 | 1.34 | 255 | -- | -- | 0.25 | 10.9 |
| 31 2000 | 0.89 | 267 | -- | -- | 0.29 | 7.4 |
| 31 2300 | 0.89 | 231 | -- | -- | 0.30 | 8.1 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 200 | 0.89 | 258 | -- | -- | 0.24 | 8.8 |
| 1 500 | 0.00 | 286 | -- | -- | 0.18 | 14.2 |
| 1 800 | 0.00 | 265 | -- | -- | 0.22 | 6.0 |
| 1 1100 | 4.92 | 102 | -- | -- | 0.59 | 3.8 |
| 1 1400 | 11.18 | 081 | -- | -- | 1.12 | 6.4 |
| 1 1700 | 9.39 | 077 | -- | -- | 1.15 | 8.1 |
| 1 2000 | 3.13 | 300 | -- | -- | -- | -- |
| 1 2300 | 6.26 | 313 | -- | -- | -- | -- |
| 2 200 | 7.15 | 318 | -- | -- | 0.56 | 9.8 |
| 2 500 | 8.05 | 321 | -- | -- | 0.35 | 8.8 |
| 2 800 | 4.92 | 324 | -- | -- | 0.36 | 8.8 |
| 2 1100 | 4.47 | 328 | -- | -- | 0.63 | 16.8 |
| 2 1400 | 0.00 | 214 | -- | -- | 0.63 | 16.8 |
| 2 1700 | 2.24 | 311 | -- | -- | 0.45 | 16.8 |
| 2 2000 | 0.45 | 273 | -- | -- | 0.47 | 8.1 |
| 2 2300 | -- | -- | -- | -- | 0.47 | 14.2 |
| 3 100 | 1.79 | 256 | -- | -- | 0.47 | 7.4 |
| 3 300 | 2.68 | 305 | -- | -- | 0.34 | 10.9 |
| 3 600 | 1.79 | 305 | -- | -- | 0.22 | 8.1 |
| 3 900 | 1.79 | 308 | -- | -- | 0.27 | 8.1 |
| 3 1200 | 1.79 | 324 | -- | -- | 0.33 | 6.0 |
| 3 1500 | 4.47 | 351 | -- | -- | 0.29 | 6.4 |
| 3 1800 | 5.36 | 009 | -- | -- | 0.24 | 5.6 |
| 3 2100 | 8.94 | 001 | -- | -- | 0.29 | 6.9 |
| 4 0 | 4.92 | 023 | -- | -- | -- | -- |
| 4 300 | 9.83 | 000 | -- | -- | -- | -- |
| 4 600 | 8.05 | 311 | -- | -- | -- | -- |
| 4 900 | 15.20 | 318 | -- | -- | 0.46 | 2.4 |
| 4 1200 | 9.83 | 317 | -- | -- | 0.79 | 12.3 |
| 4 1500 | 1.79 | 262 | -- | -- | 0.75 | 12.3 |
| 4 1800 | 5.36 | 236 | -- | -- | 0.65 | 12.3 |
| 4 2100 | 3.58 | 229 | -- | -- | 0.45 | 12.3 |
| 5 0 | 3.58 | 231 | -- | -- | 0.47 | 12.3 |
| 5 300 | 1.79 | 253 | -- | -- | -- | -- |
| 5 600 | 1.79 | 314 | -- | -- | 0.32 | 10.9 |
| 5 900 | 4.92 | 314 | -- | -- | 0.35 | 9.8 |
| 5 1200 | 1.34 | 308 | -- | -- | 0.38 | 10.9 |
| 5 1500 | 4.47 | 311 | -- | -- | 0.35 | 10.9 |
| 5 1800 | 6.71 | 315 | -- | -- | 0.31 | 14.2 |
| 5 2100 | 4.47 | 311 | -- | -- | 0.29 | 8.1 |
| 6 0 | 4.47 | 313 | -- | -- | 0.42 | 8.1 |
| 6 300 | 5.81 | 314 | -- | -- | -- | -- |
| 6 600 | 4.92 | 317 | -- | -- | -- | -- |
| 6 900 | 6.26 | 313 | -- | -- | -- | -- |
| 6 1200 | 5.36 | 315 | -- | -- | -- | -- |
| 6 1500 | 6.71 | 315 | -- | -- | -- | -- |
| 6 1800 | 7.15 | 314 | -- | -- | 0.24 | 7.4 |
| 6 2100 | 8.05 | 313 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 0 | 7.60 | 308 | -- | -- | 0.28 | 8.1 |
| 7 300 | 5.36 | 301 | -- | -- | 0.24 | 6.9 |
| 7 600 | 0.45 | 283 | -- | -- | 0.16 | 9.8 |
| 7 900 | 0.89 | 280 | -- | -- | 0.15 | 10.9 |
| 7 1200 | 1.79 | 269 | -- | -- | 0.21 | 2.2 |
| 7 1500 | 0.89 | 258 | -- | -- | 0.19 | 4.0 |
| 7 1800 | 0.00 | 297 | -- | -- | 0.15 | 4.0 |
| 7 2100 | 0.45 | 283 | -- | -- | 0.16 | 2.4 |
| 8 0 | 0.00 | 287 | -- | -- | -- | -- |
| 8 300 | 3.58 | 314 | -- | -- | -- | -- |
| 8 600 | 6.26 | 307 | -- | -- | 0.20 | 5.3 |
| 8 900 | 6.26 | 310 | -- | -- | -- | -- |
| 8 1200 | 5.36 | 313 | -- | -- | 0.23 | 6.0 |
| 8 1500 | 4.47 | 303 | -- | -- | 0.22 | 4.5 |
| 8 1800 | 5.36 | 311 | -- | -- | -- | -- |
| 8 2100 | 7.60 | 314 | -- | -- | -- | -- |
| 9 0 | 6.26 | 311 | -- | -- | -- | -- |
| 9 300 | 5.81 | 317 | -- | -- | 0.21 | 9.8 |
| 9 600 | 3.13 | 315 | -- | -- | -- | -- |
| 9 900 | 3.13 | 300 | -- | -- | 0.20 | 10.9 |
| 9 1200 | 4.92 | 301 | -- | -- | 0.25 | 9.8 |
| 9 1500 | 4.47 | 305 | -- | -- | 0.26 | 10.9 |
| 9 1800 | 3.13 | 313 | -- | -- | -- | -- |
| 9 2100 | 2.24 | 314 | -- | -- | 0.19 | 10.9 |
| 10 0 | 1.79 | 290 | -- | -- | -- | -- |
| 10 300 | 0.45 | 293 | -- | -- | -- | -- |
| 10 600 | 0.89 | 280 | -- | -- | -- | -- |
| 10 900 | 0.45 | 276 | -- | -- | -- | -- |
| 10 1200 | 1.79 | 311 | -- | -- | -- | -- |
| 10 1500 | 3.58 | 313 | -- | -- | -- | -- |
| 10 1800 | 3.58 | 314 | -- | -- | 0.22 | 3.8 |
| 10 2100 | 4.92 | 308 | -- | -- | 0.26 | 6.0 |
| 11 0 | 4.02 | 308 | -- | -- | 0.33 | 5.6 |
| 11 300 | 3.13 | 315 | -- | -- | 0.42 | 6.9 |
| 11 600 | 2.24 | 300 | -- | -- | 0.46 | 8.1 |
| 11 900 | 0.00 | 286 | -- | -- | 0.49 | 8.1 |
| 11 1200 | 0.00 | 245 | -- | -- | 0.48 | 9.8 |
| 11 1500 | 0.00 | 301 | -- | -- | 0.50 | 8.1 |
| 11 1800 | 0.45 | 273 | -- | -- | -- | -- |
| 11 2100 | 0.00 | 289 | -- | -- | 0.45 | 9.8 |
| 12 0 | 2.24 | 097 | -- | -- | 0.37 | 8.1 |
| 12 300 | 0.89 | 066 | -- | -- | 0.35 | 9.8 |
| 12 600 | 2.24 | 038 | -- | -- | 0.39 | 8.8 |
| 12 900 | 3.13 | 036 | -- | -- | 0.43 | 8.8 |
| 12 1200 | 5.81 | 008 | -- | -- | 0.39 | 8.6 |
| 12 1500 | 8.49 | 005 | -- | -- | -- | -- |
| 12 1800 | 7.60 | 339 | -- | -- | 0.48 | 7.4 |
| 12 2100 | 7.60 | 336 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 300 | 11.18 | 311 | -- | -- | -- | -- |
| 13 600 | 11.18 | 317 | -- | -- | -- | -- |
| 13 900 | 12.52 | 314 | -- | -- | 0.55 | 10.9 |
| 13 1200 | 12.07 | 314 | -- | -- | 0.50 | 10.9 |
| 13 1500 | 8.94 | 311 | -- | -- | 0.45 | 10.9 |
| 13 1800 | 7.60 | 313 | -- | -- | -- | -- |
| 13 2100 | 7.60 | 314 | -- | -- | -- | -- |
| 14 0 | 8.49 | 314 | -- | -- | 0.35 | 10.9 |
| 14 300 | 7.15 | 315 | -- | -- | 0.28 | 10.9 |
| 14 600 | 5.36 | 313 | -- | -- | 0.28 | 9.8 |
| 14 900 | 2.24 | 311 | -- | -- | 0.29 | 10.9 |
| 14 1200 | 0.89 | 315 | -- | -- | 0.28 | 8.8 |
| 14 1500 | 0.45 | 276 | -- | -- | 0.24 | 10.9 |
| 14 1800 | 0.45 | 274 | -- | -- | 0.29 | 10.9 |
| 14 2100 | 0.45 | 282 | -- | -- | -- | -- |
| 15 0 | 1.79 | 129 | -- | -- | 0.29 | 9.3 |
| 15 300 | 0.00 | 188 | -- | -- | 0.21 | 10.9 |
| 15 600 | 0.45 | 318 | -- | -- | 0.21 | 8.1 |
| 15 900 | 2.24 | 014 | -- | -- | 0.28 | 6.0 |
| 15 1200 | 0.89 | 324 | -- | -- | 0.27 | 7.4 |
| 15 1500 | 5.36 | 313 | -- | -- | 0.21 | 10.9 |
| 15 1800 | 4.47 | 317 | -- | -- | 0.21 | 9.8 |
| 15 2100 | 1.79 | 345 | -- | -- | -- | -- |
| 16 0 | 0.45 | 345 | -- | -- | -- | -- |
| 16 300 | 0.89 | 317 | -- | -- | 0.25 | 10.9 |
| 16 600 | 1.79 | 311 | -- | -- | 0.32 | 10.9 |
| 16 900 | 1.79 | 317 | -- | -- | -- | -- |
| 16 1200 | 0.00 | 359 | -- | -- | 0.42 | 12.3 |
| 16 1500 | 5.36 | 097 | -- | -- | 0.60 | 5.0 |
| 16 1800 | 6.71 | 060 | -- | -- | 0.69 | 6.4 |
| 16 2100 | 8.05 | 043 | -- | -- | 0.75 | 6.9 |
| 17 0 | 2.24 | 029 | -- | -- | -- | -- |
| 17 300 | 1.79 | 000 | -- | -- | 0.85 | 10.9 |
| 17 600 | 8.05 | 307 | -- | -- | 0.70 | 10.9 |
| 17 900 | 6.71 | 311 | -- | -- | 0.69 | 9.8 |
| 17 1200 | 11.18 | 300 | -- | -- | -- | -- |
| 17 1500 | 5.36 | 303 | -- | -- | 0.46 | 10.9 |
| 17 1800 | 0.00 | 304 | -- | -- | 0.34 | 10.9 |
| 17 2100 | 0.00 | 081 | -- | -- | -- | -- |
| 18 0 | 2.24 | 308 | -- | -- | -- | -- |
| 18 300 | 0.45 | 162 | -- | -- | -- | -- |
| 18 600 | 3.58 | 328 | -- | -- | 0.33 | 9.8 |
| 18 900 | 3.58 | 317 | -- | -- | -- | -- |
| 18 1200 | 5.36 | 318 | -- | -- | -- | -- |
| 18 1500 | 3.13 | 320 | -- | -- | -- | -- |
| 18 1800 | 3.13 | 307 | -- | -- | 0.23 | 12.3 |
| 18 2100 | 2.24 | 318 | -- | -- | 0.32 | 10.9 |
| 19 0 | 3.13 | 002 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 300 | 5.36 | 324 | -- | -- | 0.36 | 12.3 |
| 19 600 | 5.36 | 318 | -- | -- | 0.22 | 10.9 |
| 19 900 | 14.75 | 313 | -- | -- | 0.60 | 2.9 |
| 19 1200 | 10.73 | 310 | -- | -- | 0.48 | 2.4 |
| 19 1500 | 9.83 | 308 | -- | -- | 0.61 | 2.6 |
| 19 1800 | 13.41 | 311 | -- | -- | 0.73 | 2.7 |
| 19 2100 | 16.54 | 311 | -- | -- | -- | -- |
| 20 0 | 18.78 | 315 | -- | -- | -- | -- |
| 20 300 | 21.01 | 314 | -- | -- | -- | -- |
| 20 600 | 20.12 | 311 | -- | -- | -- | -- |
| 20 900 | 19.22 | 314 | -- | -- | -- | -- |
| 20 1200 | 12.07 | 317 | -- | -- | -- | -- |
| 20 1500 | 9.39 | 296 | -- | -- | -- | -- |
| 20 1800 | 6.71 | 303 | -- | -- | -- | -- |
| 20 2100 | 0.89 | 313 | -- | -- | 0.15 | 10.9 |
| 21 0 | 0.00 | 308 | -- | -- | -- | -- |
| 21 300 | 0.00 | 341 | -- | -- | -- | -- |
| 21 600 | 0.89 | 114 | -- | -- | 0.19 | 4.8 |
| 21 900 | 0.00 | 001 | -- | -- | 0.39 | 2.8 |
| 21 1200 | 0.00 | 001 | -- | -- | 1.05 | 7.4 |
| 21 1500 | 4.92 | 191 | -- | -- | -- | -- |
| 21 1800 | 3.58 | 201 | -- | -- | -- | -- |
| 21 2100 | 3.13 | 256 | -- | -- | 0.37 | 2.4 |
| 22 0 | 3.13 | 219 | -- | -- | -- | -- |
| 22 300 | 0.45 | 310 | -- | -- | -- | -- |
| 22 600 | 0.89 | 311 | -- | -- | 0.37 | 5.6 |
| 22 900 | 0.45 | 279 | -- | -- | 0.27 | 7.4 |
| 22 1200 | 0.00 | 262 | -- | -- | 0.31 | 7.4 |
| 22 1500 | 0.00 | 267 | -- | -- | 0.39 | 7.4 |
| 22 1800 | 0.45 | 276 | -- | -- | 0.30 | 7.4 |
| 22 2100 | 0.45 | 260 | -- | -- | -- | -- |
| 23 0 | 0.00 | 195 | -- | -- | -- | -- |
| 23 300 | 0.00 | 172 | -- | -- | -- | -- |
| 23 600 | 0.89 | 273 | -- | -- | -- | -- |
| 23 900 | 0.45 | 266 | -- | -- | -- | -- |
| 23 1200 | 0.00 | 283 | -- | -- | -- | -- |
| 23 1500 | 0.00 | 272 | -- | -- | -- | -- |
| 23 1800 | 0.89 | 267 | -- | -- | -- | -- |
| 23 2100 | 0.45 | 258 | -- | -- | -- | -- |
| 24 0 | 0.00 | 181 | -- | -- | -- | -- |
| 24 300 | 0.00 | 174 | -- | -- | -- | -- |
| 24 600 | 0.00 | 267 | -- | -- | 0.22 | 8.8 |
| 24 900 | 0.00 | 266 | -- | -- | 0.22 | 6.0 |
| 24 1200 | 0.45 | 286 | -- | -- | 0.22 | 7.4 |
| 24 1500 | 0.00 | 298 | -- | -- | 0.24 | 8.1 |
| 24 1800 | 0.89 | 277 | -- | -- | 0.23 | 4.1 |
| 24 2100 | 0.00 | 267 | -- | -- | 0.21 | 6.9 |
| 25 0 | 0.00 | 346 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 600 | 2.24 | 098 | -- | -- | 0.46 | 4.5 |
| 25 900 | 3.13 | 107 | -- | -- | 0.55 | 4.3 |
| 25 1200 | 3.13 | 104 | -- | -- | 0.56 | 5.6 |
| 25 1500 | 3.13 | 091 | -- | -- | 0.52 | 6.0 |
| 25 1800 | 4.92 | 081 | -- | -- | 0.63 | 6.0 |
| 25 2100 | 6.71 | 073 | -- | -- | 0.64 | 6.0 |
| 26 0 | 8.49 | 070 | -- | -- | 0.63 | 6.9 |
| 26 300 | 8.49 | 076 | -- | -- | 0.64 | 8.1 |
| 26 600 | 6.71 | 066 | -- | -- | 0.84 | 8.1 |
| 26 900 | 6.26 | 059 | -- | -- | 0.99 | 8.1 |
| 26 1200 | 7.15 | 062 | -- | -- | 1.04 | 10.9 |
| 26 1500 | 9.39 | 066 | -- | -- | 1.09 | 12.3 |
| 26 1800 | 7.60 | 056 | -- | -- | 1.12 | 10.9 |
| 26 2100 | 7.60 | 053 | -- | -- | 1.03 | 10.9 |
| 27 0 | 5.81 | 042 | -- | -- | 1.07 | 12.3 |
| 27 300 | 8.05 | 009 | -- | -- | 0.80 | 10.9 |
| 27 600 | 7.15 | 007 | -- | -- | 0.78 | 12.3 |
| 27 900 | 8.05 | 002 | -- | -- | 0.83 | 12.3 |
| 27 1200 | 6.26 | 348 | -- | -- | 0.76 | 12.3 |
| 27 1500 | 3.58 | 338 | -- | -- | 0.64 | 9.8 |
| 27 1800 | 1.79 | 305 | -- | -- | 0.81 | 12.3 |
| 27 2100 | 3.58 | 318 | -- | -- | -- | -- |
| 28 0 | 5.36 | 314 | -- | -- | 0.60 | 12.3 |
| 28 300 | 6.26 | 311 | -- | -- | 0.44 | 10.9 |
| 28 600 | 6.71 | 315 | -- | -- | 0.45 | 10.9 |
| 28 900 | 9.39 | 313 | -- | -- | 0.52 | 8.1 |
| 28 1200 | 9.39 | 313 | -- | -- | 0.52 | 10.9 |
| 28 1500 | 6.26 | 325 | -- | -- | 0.41 | 10.9 |
| 28 1800 | 8.05 | 332 | -- | -- | 0.45 | 8.1 |
| 28 2100 | 8.94 | 314 | -- | -- | 0.57 | 8.8 |
| 29 0 | 6.71 | 328 | -- | -- | 0.48 | 10.9 |
| 29 300 | 9.83 | 004 | -- | -- | 0.44 | 9.8 |
| 29 600 | 8.05 | 005 | -- | -- | 0.45 | 9.8 |
| 29 900 | 6.26 | 345 | -- | -- | 0.50 | 9.8 |
| 29 1200 | 6.26 | 345 | -- | -- | 0.46 | 8.8 |
| 29 1500 | 5.36 | 351 | -- | -- | 0.38 | 9.8 |
| 29 1800 | 5.81 | 318 | -- | -- | 0.35 | 8.8 |
| 29 2100 | 2.24 | 358 | -- | -- | 0.41 | 8.8 |
| 30 500 | 9.39 | 212 | -- | -- | -- | -- |
| 30 800 | 1.79 | 212 | -- | -- | -- | -- |
| 30 1100 | 0.00 | 315 | -- | -- | -- | -- |
| 30 1400 | 0.00 | 277 | -- | -- | -- | -- |
| 30 1700 | 0.00 | 273 | -- | -- | -- | -- |
| 30 2000 | 0.00 | 256 | -- | -- | -- | -- |
| 30 2300 | 3.58 | 305 | -- | -- | -- | -- |
| 31 200 | 0.45 | 313 | -- | -- | -- | -- |
| 31 500 | 0.00 | 276 | -- | -- | 0.19 | 6.9 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 800 | 0.00 | 250 | -- | -- | 0.22 | 7.4 |
| 31 1100 | 0.45 | 253 | -- | -- | 0.31 | 8.1 |
| 31 1400 | 0.89 | 262 | -- | -- | 0.27 | 9.8 |
| 31 1700 | 1.34 | 255 | -- | -- | 0.25 | 10.9 |
| 31 2000 | 0.89 | 267 | -- | -- | 0.29 | 7.4 |
| 31 2300 | 0.89 | 231 | -- | -- | 0.30 | 8.1 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 0 | 0.89 | 053 | -- | -- | 0.45 | 8.1 |
| 1 300 | 4.02 | 313 | -- | -- | 0.29 | 8.8 |
| 1 600 | 3.58 | 318 | -- | -- | 0.30 | 8.8 |
| 1 900 | 6.26 | 320 | -- | -- | 0.32 | 7.4 |
| 1 1200 | 8.05 | 314 | -- | -- | 0.32 | 8.8 |
| 1 1500 | 6.71 | 307 | -- | -- | 0.22 | 8.8 |
| 1 1800 | 7.15 | 310 | -- | -- | 0.25 | 8.8 |
| 1 2100 | 8.94 | 315 | -- | -- | 0.49 | 8.1 |
| 2 0 | 5.36 | 321 | -- | -- | 0.61 | 9.8 |
| 2 300 | 3.13 | 304 | -- | -- | 0.44 | 12.3 |
| 2 600 | 4.92 | 313 | -- | -- | 0.49 | 10.9 |
| 2 900 | 7.60 | 311 | -- | -- | 0.49 | 10.9 |
| 2 1200 | 1.34 | 259 | -- | -- | 0.44 | 12.3 |
| 2 1500 | 0.45 | 242 | -- | -- | 0.41 | 12.3 |
| 2 1800 | 3.58 | 164 | -- | -- | 0.38 | 10.9 |
| 2 2100 | 8.05 | 155 | -- | -- | 0.72 | 10.9 |
| 3 0 | 9.83 | 141 | -- | -- | 1.10 | 5.6 |
| 3 300 | 5.36 | 156 | -- | -- | 0.92 | 7.4 |
| 3 600 | 1.79 | 229 | -- | -- | 0.51 | 7.4 |
| 3 900 | 0.89 | 200 | -- | -- | 0.62 | 8.8 |
| 3 1200 | 0.00 | 193 | -- | -- | 0.66 | 7.4 |
| 3 1500 | 0.45 | 142 | -- | -- | 0.52 | 8.1 |
| 3 1800 | 3.13 | 087 | -- | -- | 0.42 | 8.1 |
| 3 2100 | 6.71 | 087 | -- | -- | 0.61 | 8.1 |
| 4 0 | 11.62 | 074 | -- | -- | 0.87 | 6.9 |
| 4 300 | 8.05 | 071 | -- | -- | 1.10 | 8.8 |
| 4 600 | 8.05 | 163 | -- | -- | 0.99 | 9.8 |
| 4 900 | 8.05 | 163 | -- | -- | 1.14 | 10.9 |
| 4 1200 | 8.05 | 160 | -- | -- | 1.19 | 10.9 |
| 4 1500 | 0.45 | 190 | -- | -- | 1.04 | 6.4 |
| 4 1800 | 1.34 | 187 | -- | -- | 0.90 | 14.2 |
| 4 2100 | 2.24 | 188 | -- | -- | 0.86 | 14.2 |
| 5 0 | 0.89 | 152 | -- | -- | -- | -- |
| 5 300 | 0.89 | 105 | -- | -- | 0.87 | 14.2 |
| 5 600 | 4.92 | 062 | -- | -- | 0.53 | 12.3 |
| 5 900 | 11.62 | 078 | -- | -- | 0.78 | 6.9 |
| 5 1200 | 4.92 | 102 | -- | -- | 1.01 | 8.1 |
| 5 1500 | 3.58 | 105 | -- | -- | 0.98 | 8.1 |
| 5 1800 | 6.26 | 132 | -- | -- | 0.70 | 8.8 |
| 5 2100 | 3.13 | 149 | -- | -- | 0.65 | 8.8 |
| 6 0 | 1.79 | 135 | -- | -- | 0.77 | 9.8 |
| 6 300 | 0.00 | 111 | -- | -- | 0.73 | 7.4 |
| 6 600 | 0.89 | 112 | -- | -- | 0.54 | 10.9 |
| 6 900 | 0.00 | 076 | -- | -- | 0.54 | 8.1 |
| 6 1200 | 0.00 | 062 | -- | -- | 0.65 | 12.3 |
| 6 1500 | 1.34 | 063 | -- | -- | 0.65 | 12.3 |
| 6 1800 | 4.47 | 074 | -- | -- | 0.49 | 10.9 |
| 6 2100 | 6.26 | 074 | -- | -- | 0.54 | 8.1 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 0 | 9.39 | 086 | -- | -- | 0.91 | 8.1 |
| 7 300 | 4.02 | 109 | -- | -- | 0.86 | 8.1 |
| 7 600 | 4.92 | 132 | -- | -- | 0.64 | 7.4 |
| 7 900 | 0.00 | 212 | -- | -- | 0.52 | 8.1 |
| 7 1200 | 0.45 | 200 | -- | -- | 0.64 | 7.4 |
| 7 1500 | 0.00 | 207 | -- | -- | 0.61 | 8.1 |
| 7 1800 | 0.00 | 258 | -- | -- | 0.43 | 6.9 |
| 7 2100 | 0.00 | 093 | -- | -- | 0.35 | 9.8 |
| 8 0 | 0.45 | 071 | -- | -- | 0.42 | 8.1 |
| 8 300 | 0.00 | 042 | -- | -- | 0.49 | 7.4 |
| 8 600 | 1.79 | 339 | -- | -- | 0.32 | 8.1 |
| 8 900 | 2.68 | 026 | -- | -- | 0.28 | 7.4 |
| 8 1200 | 3.58 | 066 | -- | -- | 0.35 | 9.8 |
| 8 1500 | 3.13 | 054 | -- | -- | 0.41 | 6.9 |
| 8 1800 | 3.58 | 066 | -- | -- | 0.33 | 5.6 |
| 8 2100 | 8.49 | 080 | -- | -- | 0.41 | 6.4 |
| 9 0 | 6.26 | 063 | -- | -- | 0.72 | 6.9 |
| 9 300 | 10.73 | 086 | -- | -- | 0.88 | 7.4 |
| 9 600 | 7.60 | 102 | -- | -- | 1.09 | 9.8 |
| 9 900 | 10.73 | 145 | -- | -- | 1.21 | 5.0 |
| 9 1200 | 0.00 | 001 | -- | -- | 1.14 | 10.9 |
| 9 1500 | 3.13 | 107 | -- | -- | 1.02 | 10.9 |
| 9 1800 | 6.26 | 125 | -- | -- | 0.96 | 10.9 |
| 9 2100 | 4.47 | 129 | -- | -- | 0.77 | 9.8 |
| 10 0 | 2.24 | 107 | -- | -- | 0.77 | 10.9 |
| 10 300 | 3.13 | 095 | -- | -- | 0.78 | 10.9 |
| 10 600 | 3.58 | 097 | -- | -- | -- | -- |
| 10 900 | 5.36 | 073 | -- | -- | 0.67 | 7.4 |
| 10 1200 | 3.58 | 095 | -- | -- | 0.81 | 8.1 |
| 10 1500 | 2.24 | 111 | -- | -- | 0.91 | 7.4 |
| 10 1800 | 2.24 | 114 | -- | -- | 0.77 | 8.1 |
| 10 2100 | 0.00 | 001 | -- | -- | 0.59 | 8.1 |
| 11 0 | 1.79 | 091 | -- | -- | -- | -- |
| 11 300 | 0.00 | 001 | -- | -- | 0.69 | 8.1 |
| 11 600 | 3.13 | 101 | -- | -- | 0.64 | 8.1 |
| 11 900 | 2.24 | 105 | -- | -- | 0.63 | 9.8 |
| 11 1200 | 3.13 | 115 | -- | -- | 0.66 | 6.0 |
| 11 1500 | 2.24 | 087 | -- | -- | 0.62 | 6.4 |
| 11 1800 | 2.24 | 081 | -- | -- | 0.59 | 9.8 |
| 11 2100 | 3.13 | 080 | -- | -- | 0.47 | 8.8 |
| 12 0 | 2.24 | 093 | -- | -- | -- | -- |
| 12 300 | 0.00 | 108 | -- | -- | 0.48 | 9.8 |
| 12 600 | 0.00 | 001 | -- | -- | 0.46 | 8.1 |
| 12 900 | 0.00 | 001 | -- | -- | 0.44 | 8.8 |
| 12 1200 | 0.00 | 001 | -- | -- | 0.40 | 8.8 |
| 12 1500 | 0.00 | 001 | -- | -- | 0.43 | 8.1 |
| 12 1800 | 0.00 | 001 | -- | -- | -- | -- |
| 12 2100 | 0.00 | 001 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 300 | 1.34 | 114 | -- | -- | 0.32 | 8.1 |
| 13 600 | 0.45 | 083 | -- | -- | 0.36 | 8.8 |
| 13 900 | 1.34 | 128 | -- | -- | 0.46 | 10.9 |
| 13 1200 | 0.00 | 001 | -- | -- | 0.41 | 9.8 |
| 13 1500 | 0.45 | 172 | -- | -- | 0.35 | 9.8 |
| 13 1800 | 0.89 | 101 | -- | -- | 0.36 | 7.4 |
| 13 2100 | 0.45 | 143 | -- | -- | 0.36 | 8.1 |
| 14 0 | 0.89 | 142 | -- | -- | 0.32 | 9.8 |
| 14 300 | 1.34 | 174 | -- | -- | -- | -- |
| 14 600 | 0.00 | 156 | -- | -- | 0.39 | 8.8 |
| 14 900 | 0.00 | 129 | -- | -- | 0.50 | 9.8 |
| 14 1200 | 0.00 | 325 | -- | -- | 0.39 | 8.8 |
| 14 1500 | 0.89 | 193 | -- | -- | 0.29 | 9.8 |
| 14 1800 | 4.92 | 128 | -- | -- | 0.40 | 8.8 |
| 14 2100 | 3.13 | 141 | -- | -- | 0.44 | 3.8 |
| 15 0 | 0.89 | 101 | -- | -- | 0.32 | 4.5 |
| 15 300 | 3.58 | 128 | -- | -- | 0.29 | 4.8 |
| 15 600 | 8.05 | 131 | -- | -- | 0.57 | 4.3 |
| 15 900 | 6.71 | 132 | -- | -- | 0.72 | 5.6 |
| 15 1200 | 5.36 | 133 | -- | -- | 0.69 | 6.4 |
| 15 1500 | 4.02 | 088 | -- | -- | 0.49 | 5.6 |
| 15 1800 | 5.36 | 078 | -- | -- | 0.57 | 6.0 |
| 15 2100 | 4.92 | 073 | -- | -- | 0.61 | 6.0 |
| 16 0 | 3.58 | 076 | -- | -- | 0.42 | 5.6 |
| 16 300 | 3.58 | 083 | -- | -- | 0.36 | 6.4 |
| 16 600 | 3.58 | 067 | -- | -- | 0.47 | 6.4 |
| 16 900 | 4.47 | 067 | -- | -- | 0.62 | 6.9 |
| 16 1200 | 5.36 | 070 | -- | -- | 0.67 | 7.4 |
| 16 1500 | 4.47 | 083 | -- | -- | 0.50 | 8.1 |
| 16 1800 | 1.34 | 091 | -- | -- | 0.52 | 8.1 |
| 16 2100 | 3.58 | 088 | -- | -- | 0.75 | 7.4 |
| 17 0 | 2.24 | 094 | -- | -- | 0.66 | 8.1 |
| 17 300 | 2.24 | 091 | -- | -- | 0.39 | 8.1 |
| 17 600 | 3.58 | 084 | -- | -- | -- | -- |
| 17 900 | 4.92 | 071 | -- | -- | 0.53 | 8.1 |
| 17 1200 | 4.47 | 077 | -- | -- | 0.58 | 8.8 |
| 17 1500 | 3.58 | 102 | -- | -- | 0.40 | 9.8 |
| 17 1800 | 3.13 | 101 | -- | -- | 0.37 | 8.1 |
| 17 2100 | 3.13 | 074 | -- | -- | 0.56 | 8.1 |
| 18 0 | 4.02 | 080 | -- | -- | 0.61 | 8.1 |
| 18 300 | 4.92 | 077 | -- | -- | 0.42 | 5.3 |
| 18 600 | 2.68 | 062 | -- | -- | 0.37 | 6.9 |
| 18 900 | 2.24 | 047 | -- | -- | 0.51 | 6.9 |
| 18 1200 | 1.79 | 040 | -- | -- | 0.64 | 6.9 |
| 18 1500 | 3.58 | 007 | -- | -- | -- | -- |
| 18 1800 | 2.24 | 317 | -- | -- | 0.29 | 8.1 |
| 18 2100 | 6.71 | 313 | -- | -- | 0.45 | 8.1 |
| 19 0 | 5.81 | 320 | -- | -- | 0.53 | 7.4 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 300 | 6.26 | 304 | -- | -- | 0.42 | 8.1 |
| 19 600 | 2.24 | 304 | -- | -- | 0.29 | 8.8 |
| 19 900 | 0.89 | 289 | -- | -- | 0.33 | 8.8 |
| 19 1200 | 0.89 | 279 | -- | -- | 0.38 | 8.1 |
| 19 1500 | 0.45 | 279 | -- | -- | 0.34 | 7.4 |
| 19 1800 | 0.89 | 267 | -- | -- | 0.23 | 8.8 |
| 19 2100 | 0.00 | 219 | -- | -- | 0.27 | 8.1 |
| 20 0 | 1.79 | 139 | -- | -- | 0.39 | 8.8 |
| 20 300 | 0.45 | 109 | -- | -- | 0.35 | 3.8 |
| 20 600 | 0.00 | 252 | -- | -- | 0.21 | 8.8 |
| 20 900 | 0.00 | 238 | -- | -- | 0.23 | 16.8 |
| 20 1200 | 0.45 | 266 | -- | -- | 0.30 | 6.9 |
| 20 1500 | 0.00 | 290 | -- | -- | 0.28 | 8.8 |
| 20 1800 | 0.00 | 183 | -- | -- | -- | -- |
| 20 2100 | 0.89 | 146 | -- | -- | 0.22 | 8.1 |
| 21 0 | 3.13 | 143 | -- | -- | 0.34 | 8.1 |
| 21 300 | 5.36 | 150 | -- | -- | 0.44 | 3.3 |
| 21 600 | 3.13 | 152 | -- | -- | 0.29 | 4.3 |
| 21 900 | 4.92 | 159 | -- | -- | 0.34 | 3.1 |
| 21 1200 | 5.81 | 150 | -- | -- | 0.53 | 2.8 |
| 21 1500 | 5.36 | 133 | -- | -- | 0.54 | 5.0 |
| 21 1800 | 5.81 | 132 | -- | -- | 0.47 | 4.6 |
| 21 2100 | 6.71 | 129 | -- | -- | 0.39 | 4.8 |
| 22 0 | 6.71 | 125 | -- | -- | 0.73 | 3.6 |
| 22 300 | 3.13 | 104 | -- | -- | 0.62 | 6.4 |
| 22 600 | 3.13 | 097 | -- | -- | 0.56 | 6.0 |
| 22 900 | 3.13 | 101 | -- | -- | -- | -- |
| 22 1200 | 4.47 | 111 | -- | -- | 0.75 | 6.9 |
| 22 1500 | 1.79 | 081 | -- | -- | 0.76 | 7.4 |
| 22 1800 | 0.89 | 052 | -- | -- | 0.62 | 8.8 |
| 22 2100 | 0.89 | 036 | -- | -- | 0.46 | 7.4 |
| 23 0 | 0.45 | 324 | -- | -- | 0.55 | 8.1 |
| 23 300 | 6.26 | 318 | -- | -- | 0.49 | 8.1 |
| 23 600 | 4.47 | 308 | -- | -- | 0.41 | 8.8 |
| 23 900 | 1.79 | 290 | -- | -- | 0.33 | 5.8 |
| 23 1200 | 5.36 | 304 | -- | -- | 0.36 | 8.8 |
| 23 1500 | 1.79 | 286 | -- | -- | 0.36 | 8.1 |
| 23 1800 | 0.45 | 287 | -- | -- | -- | -- |
| 23 2100 | 0.89 | 186 | -- | -- | 0.31 | 9.8 |
| 24 0 | 2.24 | 126 | -- | -- | -- | -- |
| 24 300 | 0.89 | 133 | -- | -- | 0.31 | 8.8 |
| 24 600 | 0.45 | 197 | -- | -- | 0.30 | 9.8 |
| 24 900 | 0.45 | 131 | -- | -- | -- | -- |
| 24 1200 | 3.13 | 128 | -- | -- | 0.29 | 9.8 |
| 24 1500 | 3.13 | 087 | -- | -- | 0.41 | 3.6 |
| 24 1800 | 4.47 | 080 | -- | -- | -- | -- |
| 24 2100 | 2.24 | 073 | -- | -- | 0.42 | 6.0 |
| 25 0 | 1.79 | 056 | -- | -- | 0.37 | 6.0 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 600 | 0.89 | 026 | -- | -- | -- | -- |
| 25 900 | 0.89 | 324 | -- | -- | 0.37 | 6.4 |
| 25 1200 | 1.34 | 313 | -- | -- | 0.32 | 8.1 |
| 25 1500 | 4.02 | 310 | -- | -- | 0.36 | 6.9 |
| 25 1800 | 3.13 | 315 | -- | -- | 0.35 | 8.1 |
| 25 2100 | 0.00 | 215 | -- | -- | 0.33 | 8.1 |
| 26 0 | 0.45 | 114 | -- | -- | 0.26 | 9.8 |
| 26 300 | 0.89 | 080 | -- | -- | 0.30 | 14.2 |
| 26 600 | 0.00 | 176 | -- | -- | 0.42 | 10.9 |
| 26 900 | 0.45 | 204 | -- | -- | 0.41 | 10.9 |
| 26 1200 | 0.00 | 210 | -- | -- | 0.39 | 12.3 |
| 26 1500 | 0.89 | 224 | -- | -- | 0.45 | 10.9 |
| 26 1800 | 4.92 | 212 | -- | -- | 0.47 | 10.9 |
| 26 2100 | 3.58 | 187 | -- | -- | 0.47 | 9.8 |
| 27 0 | 4.92 | 205 | -- | -- | 0.47 | 3.0 |
| 27 300 | 7.60 | 200 | -- | -- | -- | -- |
| 27 600 | 2.24 | 190 | -- | -- | 0.41 | 6.0 |
| 27 900 | 0.89 | 193 | -- | -- | 0.35 | 4.8 |
| 27 1200 | 0.45 | 248 | -- | -- | 0.29 | 4.3 |
| 27 1500 | 0.45 | 208 | -- | -- | 0.27 | 5.0 |
| 27 1800 | 0.00 | 206 | -- | -- | 0.33 | 7.4 |
| 27 2100 | 1.79 | 193 | -- | -- | 0.33 | 8.1 |
| 28 0 | 2.24 | 190 | -- | -- | -- | -- |
| 28 300 | 2.68 | 191 | -- | -- | 0.32 | 4.5 |
| 28 600 | 1.34 | 200 | -- | -- | 0.27 | 5.3 |
| 28 900 | 0.00 | 246 | -- | -- | 0.30 | 6.0 |
| 28 1200 | 0.00 | 266 | -- | -- | 0.22 | 8.1 |
| 28 1500 | 0.00 | 283 | -- | -- | 0.19 | 6.4 |
| 28 1800 | 0.00 | 329 | -- | -- | 0.18 | 7.4 |
| 28 2100 | 4.92 | 148 | -- | -- | -- | -- |
| 29 0 | 8.05 | 125 | -- | -- | -- | -- |
| 29 300 | 7.60 | 097 | -- | -- | 0.84 | 6.0 |
| 29 600 | 6.26 | 101 | -- | -- | 1.27 | 8.1 |
| 29 900 | 0.00 | 001 | -- | -- | 1.04 | 8.1 |
| 29 1200 | 1.79 | 195 | -- | -- | 0.82 | 8.1 |
| 29 1500 | 7.15 | 139 | -- | -- | 0.74 | 8.1 |
| 29 1800 | 6.26 | 118 | -- | -- | 0.86 | 6.9 |
| 29 2100 | 4.92 | 090 | -- | -- | 0.91 | 6.0 |
| 30 0 | 2.68 | 063 | -- | -- | -- | -- |
| 30 300 | 3.58 | 069 | -- | -- | 0.59 | 6.9 |
| 30 600 | 3.13 | 066 | -- | -- | 0.56 | 8.1 |
| 30 900 | 1.34 | 050 | -- | -- | 0.71 | 8.1 |
| 30 1200 | 2.24 | 307 | -- | -- | -- | -- |
| 30 1500 | 0.00 | 308 | -- | -- | 0.46 | 8.8 |
| 30 1800 | 1.79 | 291 | -- | -- | 0.41 | 8.8 |
| 30 2100 | 0.45 | 169 | -- | -- | 0.51 | 8.1 |
| 31 0 | 1.79 | 149 | -- | -- | 0.41 | 7.4 |
| 31 300 | 1.34 | 228 | -- | -- | 0.29 | 6.9 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 600 | 3.58 | 188 | -- | -- | 0.35 | 9.8 |
| 31 900 | 4.02 | 193 | -- | -- | -- | -- |
| 31 1200 | 0.45 | 194 | -- | -- | 0.54 | 4.0 |
| 31 1500 | 0.00 | 270 | -- | -- | 0.38 | 9.8 |
| 31 1800 | 1.34 | 225 | -- | -- | 0.39 | 9.8 |
| 31 2100 | 4.92 | 194 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 0 | 4.47 | 179 | -- | -- | -- | -- |
| 1 300 | 5.81 | 170 | -- | -- | 0.59 | 9.8 |
| 1 600 | 4.47 | 170 | -- | -- | 0.44 | 10.9 |
| 1 900 | 0.89 | 207 | -- | -- | 0.49 | 7.4 |
| 1 1200 | 0.00 | 210 | -- | -- | 0.49 | 5.6 |
| 1 1500 | 0.45 | 186 | -- | -- | 0.36 | 9.8 |
| 1 1800 | 0.00 | 256 | -- | -- | 0.28 | 9.8 |
| 1 2100 | 0.00 | 121 | -- | -- | 0.35 | 8.8 |
| 2 0 | 0.00 | 102 | -- | -- | -- | -- |
| 2 300 | 1.79 | 155 | -- | -- | 0.37 | 5.3 |
| 2 600 | 1.34 | 190 | -- | -- | 0.29 | 7.4 |
| 2 900 | 0.00 | 258 | -- | -- | -- | -- |
| 2 1200 | 0.00 | 277 | -- | -- | 0.38 | 5.6 |
| 2 1500 | 0.00 | 274 | -- | -- | 0.30 | 8.1 |
| 2 1800 | 0.00 | 272 | -- | -- | 0.22 | 6.4 |
| 2 2100 | 0.00 | 148 | -- | -- | 0.26 | 6.4 |
| 3 0 | 1.34 | 132 | -- | -- | 0.36 | 5.6 |
| 3 300 | 0.45 | 043 | -- | -- | -- | -- |
| 3 600 | 1.34 | 329 | -- | -- | 0.19 | 8.1 |
| 3 900 | 0.00 | 294 | -- | -- | 0.23 | 5.3 |
| 3 1200 | 1.79 | 315 | -- | -- | 0.26 | 6.0 |
| 3 1500 | 0.45 | 287 | -- | -- | 0.21 | 6.9 |
| 3 1800 | 2.24 | 305 | -- | -- | 0.16 | 6.9 |
| 3 2100 | 5.81 | 318 | -- | -- | 0.17 | 7.4 |
| 4 0 | 5.36 | 331 | -- | -- | -- | -- |
| 4 300 | 5.81 | 317 | -- | -- | 0.19 | 6.4 |
| 4 600 | 4.47 | 310 | -- | -- | 0.14 | 8.8 |
| 4 900 | 2.24 | 291 | -- | -- | 0.13 | 8.1 |
| 4 1200 | 0.45 | 274 | -- | -- | 0.17 | 8.1 |
| 4 1500 | 0.00 | 263 | -- | -- | 0.17 | 8.8 |
| 4 1800 | 0.00 | 229 | -- | -- | 0.17 | 10.9 |
| 4 2100 | 4.47 | 203 | -- | -- | 0.28 | 9.8 |
| 5 0 | 0.89 | 183 | -- | -- | 0.37 | 3.3 |
| 5 300 | 1.79 | 187 | -- | -- | 0.52 | 3.5 |
| 5 600 | 0.45 | 183 | -- | -- | -- | -- |
| 5 900 | 3.58 | 241 | -- | -- | -- | -- |
| 5 1200 | 1.79 | 238 | -- | -- | -- | -- |
| 5 1500 | 1.34 | 256 | -- | -- | 0.33 | 6.9 |
| 5 1800 | 0.45 | 224 | -- | -- | 0.27 | 7.4 |
| 5 2100 | 1.79 | 229 | -- | -- | -- | -- |
| 6 0 | 1.34 | 232 | -- | -- | -- | -- |
| 6 300 | 4.02 | 225 | -- | -- | 0.40 | 20.5 |
| 6 600 | 0.00 | 001 | -- | -- | 0.23 | 16.8 |
| 6 900 | 2.24 | 291 | -- | -- | 0.21 | 16.8 |
| 6 1200 | 0.00 | 001 | -- | -- | 0.24 | 16.8 |
| 6 1500 | 0.00 | 001 | -- | -- | 0.26 | 6.4 |
| 6 1800 | 1.34 | 204 | -- | -- | 0.21 | 16.8 |
| 6 2100 | 2.24 | 235 | -- | -- | 0.22 | 2.0 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 0 | 1.79 | 227 | -- | -- | 0.24 | 2.0 |
| 7 300 | 2.24 | 249 | -- | -- | 0.24 | 4.8 |
| 7 600 | 0.45 | 279 | -- | -- | 0.19 | 16.8 |
| 7 900 | 0.00 | 258 | -- | -- | 0.18 | 16.8 |
| 7 1200 | 0.00 | 250 | -- | -- | -- | -- |
| 7 1500 | 0.00 | 265 | -- | -- | -- | -- |
| 7 1800 | 0.00 | 197 | -- | -- | -- | -- |
| 7 2100 | 1.79 | 235 | -- | -- | -- | -- |
| 8 0 | 1.79 | 234 | -- | -- | -- | -- |
| 8 300 | 3.13 | 243 | -- | -- | 0.30 | 12.3 |
| 8 600 | 2.24 | 212 | -- | -- | 0.41 | 10.9 |
| 8 900 | 1.34 | 193 | -- | -- | 0.38 | 10.9 |
| 8 1200 | 3.58 | 195 | -- | -- | 0.41 | 9.8 |
| 8 1500 | 0.45 | 203 | -- | -- | 0.37 | 12.3 |
| 8 1800 | 4.92 | 139 | -- | -- | 0.43 | 10.9 |
| 8 2100 | 7.15 | 119 | -- | -- | 0.50 | 3.6 |
| 9 0 | 5.81 | 088 | -- | -- | 0.69 | 5.5 |
| 9 300 | 8.94 | 078 | -- | -- | 0.99 | 6.9 |
| 9 600 | 8.94 | 069 | -- | -- | 1.20 | 8.1 |
| 9 900 | 12.07 | 073 | -- | -- | 1.25 | 12.3 |
| 9 1200 | 8.05 | 047 | -- | -- | 1.35 | 10.9 |
| 9 1500 | 6.26 | 032 | -- | -- | 1.28 | 12.3 |
| 9 1800 | 12.07 | 001 | -- | -- | 0.99 | 12.3 |
| 9 2100 | 12.07 | 353 | -- | -- | 0.78 | 12.3 |
| 10 0 | 12.07 | 352 | -- | -- | 0.74 | 10.9 |
| 10 300 | 8.94 | 290 | -- | -- | 0.59 | 10.9 |
| 10 600 | 9.83 | 313 | -- | -- | 0.69 | 12.3 |
| 10 900 | 12.07 | 313 | -- | -- | 0.65 | 14.2 |
| 10 1200 | 10.28 | 308 | -- | -- | 0.69 | 2.6 |
| 10 1500 | 12.52 | 310 | -- | -- | 0.69 | 12.3 |
| 10 1800 | 13.41 | 307 | -- | -- | 0.75 | 2.7 |
| 10 2100 | 11.18 | 308 | -- | -- | 0.54 | 10.9 |
| 11 0 | 7.60 | 314 | -- | -- | 0.40 | 10.9 |
| 11 300 | 7.15 | 318 | -- | -- | 0.32 | 10.9 |
| 11 600 | 5.81 | 313 | -- | -- | 0.32 | 9.8 |
| 11 900 | 4.02 | 317 | -- | -- | 0.29 | 8.1 |
| 11 1200 | 6.71 | 313 | -- | -- | 0.26 | 8.9 |
| 11 1500 | 5.81 | 310 | -- | -- | 0.23 | 9.8 |
| 11 1800 | 6.71 | 317 | -- | -- | 0.26 | 8.8 |
| 11 2100 | 5.81 | 327 | -- | -- | 0.23 | 8.8 |
| 12 0 | 4.47 | 321 | -- | -- | 0.19 | 8.8 |
| 12 300 | 3.58 | 346 | -- | -- | 0.17 | 10.9 |
| 12 600 | 3.59 | 329 | -- | -- | -- | -- |
| 12 900 | 4.92 | 324 | -- | -- | 0.17 | 9.1 |
| 12 1200 | 5.36 | 317 | -- | -- | 0.19 | 10.9 |
| 12 1500 | 8.05 | 313 | -- | -- | 0.20 | 8.8 |
| 12 1800 | 9.39 | 314 | -- | -- | 0.23 | 8.1 |
| 12 2100 | 7.15 | 311 | -- | -- | 0.23 | 8.1 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 300 | 7.15 | 311 | -- | -- | 0.23 | 8.8 |
| 13 600 | 7.60 | 313 | -- | -- | 0.18 | 9.8 |
| 13 900 | 8.05 | 315 | -- | -- | 0.26 | 2.0 |
| 13 1200 | 9.83 | 308 | -- | -- | 0.21 | 2.1 |
| 13 1500 | 4.02 | 324 | -- | -- | 0.16 | 7.4 |
| 13 1800 | 4.92 | 346 | -- | -- | 0.19 | 6.0 |
| 13 2100 | 4.92 | 004 | -- | -- | 0.22 | 5.0 |
| 14 0 | 1.79 | 341 | -- | -- | 0.22 | 6.9 |
| 14 300 | 1.34 | 311 | -- | -- | 0.19 | 7.4 |
| 14 600 | 1.79 | 084 | -- | -- | 0.22 | 6.0 |
| 14 900 | 4.47 | 157 | -- | -- | 0.66 | 6.0 |
| 14 1200 | 1.79 | 186 | -- | -- | 0.47 | 6.0 |
| 14 1500 | 0.00 | 290 | -- | -- | 0.22 | 6.4 |
| 14 1800 | 0.00 | 204 | -- | -- | 0.20 | 4.8 |
| 14 2100 | 0.89 | 176 | -- | -- | 0.25 | 5.3 |
| 15 0 | 1.34 | 141 | -- | -- | 0.26 | 4.3 |
| 15 300 | 2.24 | 173 | -- | -- | 0.21 | 2.3 |
| 15 600 | 2.24 | 311 | -- | -- | 0.17 | 7.4 |
| 15 900 | 1.79 | 305 | -- | -- | 0.19 | 6.4 |
| 15 1200 | 2.68 | 315 | -- | -- | 0.18 | 5.0 |
| 15 1500 | 3.13 | 315 | -- | -- | 0.13 | 14.2 |
| 15 1800 | 4.92 | 315 | -- | -- | 0.23 | 10.9 |
| 15 2100 | 4.47 | 314 | -- | -- | 0.36 | 12.3 |
| 16 0 | 0.89 | 332 | -- | -- | 0.42 | 12.3 |
| 16 300 | 0.00 | 118 | -- | -- | 0.28 | 14.2 |
| 16 600 | 0.45 | 324 | -- | -- | 0.26 | 12.3 |
| 16 900 | 2.68 | 314 | -- | -- | 0.34 | 10.9 |
| 16 1200 | 2.68 | 311 | -- | -- | 0.35 | 10.9 |
| 16 1500 | 0.89 | 315 | -- | -- | 0.23 | 10.9 |
| 16 1800 | 0.89 | 305 | -- | -- | 0.21 | 9.8 |
| 16 2100 | 1.34 | 088 | -- | -- | 0.27 | 9.8 |
| 17 0 | 3.13 | 060 | -- | -- | 0.28 | 9.8 |
| 17 300 | 2.68 | 026 | -- | -- | 0.22 | 9.8 |
| 17 600 | 3.13 | 012 | -- | -- | 0.20 | 8.1 |
| 17 900 | 4.47 | 351 | -- | -- | 0.22 | 8.8 |
| 17 1200 | 4.92 | 345 | -- | -- | 0.18 | 7.4 |
| 17 1500 | 4.02 | 346 | -- | -- | 0.16 | 8.1 |
| 17 1800 | 3.58 | 322 | -- | -- | 0.18 | 10.9 |
| 17 2100 | 9.39 | 317 | -- | -- | 0.48 | 9.8 |
| 18 0 | 6.71 | 342 | -- | -- | 0.54 | 12.3 |
| 18 300 | 7.60 | 332 | -- | -- | -- | -- |
| 18 600 | 5.36 | 344 | -- | -- | 0.42 | 10.9 |
| 18 900 | 7.15 | 320 | -- | -- | 0.44 | 12.3 |
| 18 1200 | 6.26 | 327 | -- | -- | 0.52 | 12.3 |
| 18 1500 | 8.94 | 317 | -- | -- | 0.48 | 12.3 |
| 18 1800 | 5.81 | 331 | -- | -- | -- | -- |
| 18 2100 | 9.39 | 320 | -- | -- | 0.37 | 10.9 |
| 19 0 | 7.60 | 320 | -- | -- | 0.42 | 10.9 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 300 | 6.71 | 324 | -- | -- | 0.42 | 10.9 |
| 19 600 | 3.13 | 315 | -- | -- | 0.35 | 12.3 |
| 19 900 | 4.02 | 307 | -- | -- | 0.48 | 10.9 |
| 19 1200 | 1.34 | 318 | -- | -- | 0.51 | 10.9 |
| 19 1500 | 2.68 | 320 | -- | -- | 0.41 | 10.9 |
| 19 1800 | 3.13 | 307 | -- | -- | -- | -- |
| 19 2100 | 0.00 | 001 | -- | -- | 0.32 | 9.8 |
| 19 2300 | 1.34 | 122 | -- | -- | 0.32 | 9.8 |
| 20 100 | 2.24 | 143 | -- | -- | -- | -- |
| 20 400 | 2.24 | 139 | -- | -- | 0.36 | 10.9 |
| 20 700 | 0.45 | 183 | -- | -- | 0.33 | 10.9 |
| 20 1000 | 0.00 | 284 | -- | -- | 0.30 | 9.8 |
| 20 1300 | 0.00 | 032 | -- | -- | 0.37 | 10.9 |
| 20 1600 | 2.24 | 313 | -- | -- | 0.34 | 10.9 |
| 20 1900 | 0.00 | 344 | -- | -- | -- | -- |
| 20 2200 | 0.00 | 032 | -- | -- | 0.25 | 10.9 |
| 21 100 | 0.00 | 176 | -- | -- | -- | -- |
| 21 400 | 5.36 | 322 | -- | -- | 0.27 | 7.4 |
| 21 700 | 5.36 | 315 | -- | -- | 0.22 | 10.9 |
| 21 1000 | 8.94 | 313 | -- | -- | -- | -- |
| 21 1300 | 7.60 | 317 | -- | -- | 0.24 | 8.8 |
| 21 1600 | 7.60 | 311 | -- | -- | 0.25 | 8.8 |
| 21 1900 | 6.71 | 311 | -- | -- | 0.22 | 8.8 |
| 21 2200 | 5.36 | 314 | -- | -- | 0.18 | 16.8 |
| 22 100 | 4.02 | 296 | -- | -- | 0.22 | 16.8 |
| 22 400 | 4.02 | 256 | -- | -- | 0.33 | 10.9 |
| 22 700 | 3.13 | 235 | -- | -- | 0.29 | 12.3 |
| 22 1000 | 1.34 | 277 | -- | -- | 0.24 | 10.9 |
| 22 1300 | 0.00 | 294 | -- | -- | 0.22 | 12.3 |
| 22 1600 | 6.26 | 307 | -- | -- | 0.28 | 9.8 |
| 22 1900 | 10.73 | 313 | -- | -- | 0.39 | 2.4 |
| 22 2200 | 13.41 | 314 | -- | -- | -- | -- |
| 23 100 | 15.20 | 320 | -- | -- | 0.53 | 2.4 |
| 23 400 | 13.86 | 320 | -- | -- | 0.43 | 2.2 |
| 23 700 | 11.18 | 320 | -- | -- | 0.31 | 2.1 |
| 23 1000 | 8.94 | 310 | -- | -- | 0.32 | 2.2 |
| 23 1300 | 6.71 | 305 | -- | -- | 0.31 | 2.1 |
| 23 1600 | 3.58 | 282 | -- | -- | 0.26 | 2.0 |
| 23 1900 | 4.47 | 298 | -- | -- | 0.22 | 10.9 |
| 23 2200 | 6.26 | 308 | -- | -- | 0.24 | 2.0 |
| 24 100 | 8.49 | 317 | -- | -- | -- | -- |
| 24 400 | 8.49 | 320 | -- | -- | 0.20 | 8.8 |
| 24 700 | 7.60 | 317 | -- | -- | 0.20 | 16.8 |
| 24 1000 | 9.83 | 320 | -- | -- | 0.21 | 16.8 |
| 24 1300 | 7.15 | 318 | -- | -- | 0.19 | 16.8 |
| 24 1600 | 3.13 | 314 | -- | -- | 0.13 | 16.8 |
| 24 1900 | 0.89 | 307 | -- | -- | 0.17 | 16.8 |
| 24 2200 | 0.45 | 108 | -- | -- | 0.19 | 3.5 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 400 | 4.92 | 157 | -- | -- | -- | -- |
| 25 700 | 0.89 | 193 | -- | -- | -- | -- |
| 25 1000 | 0.00 | 283 | -- | -- | 0.21 | 5.0 |
| 25 1300 | 0.00 | 280 | -- | -- | 0.19 | 6.0 |
| 25 1600 | 0.00 | 289 | -- | -- | 0.19 | 10.9 |
| 25 1900 | 3.58 | 128 | -- | -- | 0.29 | 2.8 |
| 25 2200 | 5.81 | 125 | -- | -- | 0.42 | 2.7 |
| 26 100 | 5.81 | 122 | -- | -- | 0.38 | 3.2 |
| 26 400 | 6.26 | 133 | -- | -- | 0.51 | 5.6 |
| 26 700 | 8.05 | 135 | -- | -- | 0.71 | 3.4 |
| 26 1000 | 4.92 | 108 | -- | -- | 0.83 | 6.0 |
| 26 1300 | 4.47 | 105 | -- | -- | 0.75 | 6.9 |
| 26 1600 | 5.36 | 091 | -- | -- | 0.73 | 6.0 |
| 26 1900 | 5.36 | 080 | -- | -- | 0.79 | 8.1 |
| 26 2200 | 4.02 | 069 | -- | -- | 0.71 | 8.1 |
| 27 100 | 0.00 | 001 | -- | -- | 0.53 | 9.8 |
| 27 400 | 3.13 | 057 | -- | -- | 0.50 | 8.1 |
| 27 700 | 2.68 | 053 | -- | -- | 0.59 | 8.1 |
| 27 1000 | 2.24 | 094 | -- | -- | 0.64 | 8.1 |
| 27 1300 | 4.02 | 119 | -- | -- | 0.61 | 7.4 |
| 27 1600 | 6.26 | 111 | -- | -- | 0.71 | 6.9 |
| 27 1900 | 9.39 | 143 | -- | -- | -- | -- |
| 27 2200 | 4.47 | 160 | -- | -- | 0.73 | 8.1 |
| 28 100 | 2.68 | 191 | -- | -- | 0.55 | 8.1 |
| 28 400 | 3.58 | 195 | -- | -- | 0.49 | 7.4 |
| 28 700 | 0.89 | 194 | -- | -- | 0.49 | 6.9 |
| 28 1000 | 4.92 | 176 | -- | -- | 0.57 | 6.9 |
| 28 1300 | 0.00 | 001 | -- | -- | 0.45 | 7.4 |
| 28 1600 | 2.68 | 198 | -- | -- | 0.29 | 7.4 |
| 28 1900 | 1.79 | 176 | -- | -- | 0.32 | 5.3 |
| 28 2200 | 6.26 | 145 | -- | -- | 0.52 | 3.5 |
| 29 100 | 6.26 | 138 | -- | -- | 0.51 | 4.0 |
| 29 400 | 0.00 | 001 | -- | -- | 0.67 | 6.0 |
| 29 700 | 0.00 | 001 | -- | -- | 0.79 | 5.6 |
| 29 1000 | 0.00 | 001 | -- | -- | 0.79 | 6.9 |
| 29 1300 | 0.00 | 001 | -- | -- | 0.91 | 7.4 |
| 29 1600 | 0.00 | 001 | -- | -- | 0.62 | 8.1 |
| 29 1900 | 0.00 | 001 | -- | -- | 0.58 | 8.1 |
| 29 2200 | 0.00 | 109 | -- | -- | 0.62 | 8.1 |
| 30 100 | 2.24 | 187 | -- | -- | 0.48 | 6.9 |
| 30 400 | 0.89 | 187 | -- | -- | 0.34 | 8.1 |
| 30 700 | 0.89 | 321 | -- | -- | 0.31 | 6.0 |
| 30 1000 | 0.00 | 311 | -- | -- | 0.44 | 6.9 |
| 30 1300 | 0.45 | 293 | -- | -- | 0.36 | 7.4 |
| 30 1600 | 0.00 | 243 | -- | -- | 0.18 | 7.4 |
| 30 1900 | 0.00 | 156 | -- | -- | 0.21 | 6.9 |
| 30 2200 | 0.00 | 093 | -- | -- | 0.32 | 8.1 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 600 | 3.58 | 188 | -- | -- | 0.35 | 9.8 |
| 31 900 | 4.02 | 193 | -- | -- | -- | -- |
| 31 1200 | 0.45 | 194 | -- | -- | 0.54 | 4.0 |
| 31 1500 | 0.00 | 270 | -- | -- | 0.38 | 9.5 |
| 31 1800 | 1.34 | 225 | -- | -- | 0.39 | 9.8 |
| 31 2100 | 4.92 | 194 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | 0.89 | 069 | -- | -- | 0.29 | 6.0 |
| 1 400 | 0.00 | 308 | -- | -- | 0.19 | 5.6 |
| 1 700 | 0.00 | 210 | -- | -- | 0.17 | 6.0 |
| 1 1000 | 0.00 | 284 | -- | -- | 0.22 | 8.1 |
| 1 1300 | 0.00 | 290 | -- | -- | 0.22 | 5.0 |
| 1 1600 | 0.00 | 291 | -- | -- | 0.14 | 6.0 |
| 1 1900 | 0.00 | 193 | -- | -- | 0.13 | 6.0 |
| 1 2200 | 0.89 | 139 | -- | -- | 0.21 | 6.0 |
| 2 100 | 2.24 | 149 | -- | -- | 0.26 | 6.4 |
| 2 400 | 0.89 | 239 | -- | -- | 0.21 | 4.8 |
| 2 700 | 2.24 | 314 | -- | -- | 0.16 | 6.9 |
| 2 1000 | 0.00 | 290 | -- | -- | 0.18 | 8.1 |
| 2 1300 | 0.00 | 273 | -- | -- | 0.19 | 6.0 |
| 2 1600 | 0.00 | 253 | -- | -- | -- | -- |
| 2 1900 | 0.00 | 160 | -- | -- | -- | -- |
| 2 2200 | 1.34 | 133 | -- | -- | 0.19 | 8.1 |
| 3 100 | 1.79 | 135 | -- | -- | -- | -- |
| 3 400 | 0.89 | 138 | -- | -- | 0.19 | 7.4 |
| 3 700 | 0.00 | 107 | -- | -- | -- | -- |
| 3 1000 | 0.00 | 287 | -- | -- | 0.19 | 6.4 |
| 3 1300 | 1.34 | 291 | -- | -- | 0.18 | 6.4 |
| 3 1600 | 2.24 | 315 | -- | -- | -- | -- |
| 3 1900 | 1.34 | 324 | -- | -- | -- | -- |
| 3 2200 | 1.79 | 035 | -- | -- | 0.14 | 14.2 |
| 4 100 | 1.34 | 060 | -- | -- | -- | -- |
| 4 400 | 0.45 | 200 | -- | -- | 0.13 | 5.0 |
| 4 700 | 3.13 | 314 | -- | -- | 0.13 | 16.8 |
| 4 1000 | 4.92 | 320 | -- | -- | 0.15 | 16.8 |
| 4 1300 | 4.02 | 321 | -- | -- | 0.15 | 16.8 |
| 4 1600 | 4.47 | 315 | -- | -- | -- | -- |
| 4 1900 | 4.02 | 314 | -- | -- | -- | -- |
| 4 2200 | 2.24 | 314 | -- | -- | 0.13 | 5.3 |
| 5 100 | 3.13 | 313 | -- | -- | 0.17 | 14.2 |
| 5 400 | 0.45 | 007 | -- | -- | 0.15 | 6.4 |
| 5 700 | 0.45 | 308 | -- | -- | 0.14 | 5.3 |
| 5 1000 | 0.45 | 305 | -- | -- | 0.14 | 6.9 |
| 5 1300 | 0.00 | 334 | -- | -- | 0.15 | 9.8 |
| 5 1600 | 0.89 | 297 | -- | -- | -- | -- |
| 5 1900 | 0.00 | 245 | -- | -- | -- | -- |
| 5 2200 | 0.89 | 131 | -- | -- | -- | -- |
| 6 100 | 2.68 | 129 | -- | -- | 0.18 | 2.0 |
| 6 400 | 0.00 | 122 | -- | -- | 0.18 | 2.3 |
| 6 700 | 0.89 | 243 | -- | -- | 0.14 | 2.4 |
| 6 1000 | 0.00 | 270 | -- | -- | -- | -- |
| 6 1300 | 0.00 | 267 | -- | -- | 0.13 | 8.1 |
| 6 1600 | 0.00 | 270 | -- | -- | -- | -- |
| 6 1900 | 0.00 | 124 | -- | -- | -- | -- |
| 6 2200 | 2.68 | 129 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 100 | 2.24 | 133 | -- | -- | 0.16 | 16.5 |
| 7 400 | 1.34 | 078 | -- | -- | 0.14 | 16.8 |
| 7 700 | 0.89 | 053 | -- | -- | -- | -- |
| 7 1000 | 2.68 | 008 | -- | -- | 0.14 | 3.5 |
| 7 1300 | 4.02 | 004 | -- | -- | 0.16 | 4.0 |
| 7 1600 | 4.92 | 358 | -- | -- | 0.20 | 4.5 |
| 7 1900 | 4.02 | 008 | -- | -- | 0.22 | 5.6 |
| 7 2200 | 3.58 | 018 | -- | -- | 0.23 | 6.9 |
| 8 100 | 4.47 | 002 | -- | -- | -- | -- |
| 8 400 | 4.92 | 002 | -- | -- | 0.35 | 7.4 |
| 8 700 | 6.26 | 344 | -- | -- | 0.54 | 12.3 |
| 8 1000 | 8.49 | 346 | -- | -- | 0.62 | 14.2 |
| 8 1300 | 8.94 | 308 | -- | -- | 0.69 | 10.9 |
| 8 1600 | 8.49 | 308 | -- | -- | 0.72 | 10.9 |
| 8 1900 | 9.83 | 313 | -- | -- | 0.58 | 10.9 |
| 8 2200 | 7.60 | 328 | -- | -- | -- | -- |
| 9 100 | 5.36 | 327 | -- | -- | 0.54 | 10.9 |
| 9 400 | 3.58 | 342 | -- | -- | 0.55 | 12.3 |
| 9 700 | 0.89 | 298 | -- | -- | 0.59 | 12.3 |
| 9 1000 | 0.89 | 317 | -- | -- | 0.54 | 12.3 |
| 9 1300 | 1.79 | 320 | -- | -- | 0.53 | 8.8 |
| 9 1600 | 0.00 | 142 | -- | -- | 0.64 | 12.3 |
| 9 1900 | 1.34 | 164 | -- | -- | 0.74 | 10.9 |
| 9 2200 | 0.89 | 150 | -- | -- | 0.46 | 10.9 |
| 10 100 | 0.45 | 139 | -- | -- | 0.48 | 10.9 |
| 10 400 | 0.00 | 109 | -- | -- | 0.50 | 8.1 |
| 10 700 | 0.00 | 203 | -- | -- | 0.50 | 10.9 |
| 10 1000 | 0.00 | 290 | -- | -- | 0.39 | 10.9 |
| 10 1300 | 0.00 | 186 | -- | -- | 0.34 | 8.1 |
| 10 1600 | 0.00 | 262 | -- | -- | 0.39 | 9.8 |
| 10 1900 | 0.00 | 180 | -- | -- | -- | -- |
| 10 2200 | 1.79 | 122 | -- | -- | 0.34 | 8.8 |
| 11 100 | 1.34 | 108 | -- | -- | -- | -- |
| 11 400 | 1.79 | 071 | -- | -- | 0.29 | 8.1 |
| 11 700 | 0.00 | 179 | -- | -- | 0.32 | 7.4 |
| 11 1000 | 0.00 | 239 | -- | -- | 0.31 | 7.4 |
| 11 1300 | 0.00 | 253 | -- | -- | 0.22 | 7.4 |
| 11 1600 | 0.00 | 234 | -- | -- | 0.20 | 8.1 |
| 11 1900 | 0.00 | 162 | -- | -- | 0.24 | 7.4 |
| 11 2200 | 1.79 | 149 | -- | -- | 0.24 | 7.4 |
| 12 100 | 1.79 | 153 | -- | -- | 0.22 | 8.1 |
| 12 400 | 0.00 | 156 | -- | -- | 0.19 | 7.4 |
| 12 700 | 0.00 | 267 | -- | -- | -- | -- |
| 12 1000 | 1.34 | 269 | -- | -- | 0.22 | 7.4 |
| 12 1300 | 2.68 | 307 | -- | -- | 0.17 | 8.1 |
| 12 1600 | 3.13 | 316 | -- | -- | 0.14 | 16.8 |
| 12 1900 | 3.13 | 311 | -- | -- | 0.17 | 7.4 |
| 12 2200 | 1.34 | 060 | -- | -- | 0.18 | 7.4 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 400 | 0.45 | 143 | -- | -- | 0.16 | 6.9 |
| 13 700 | 0.00 | 108 | -- | -- | 0.19 | 16.8 |
| 13 1000 | 0.00 | 080 | -- | -- | 0.21 | 16.8 |
| 13 1300 | 0.00 | 229 | -- | -- | 0.17 | 7.4 |
| 13 1600 | 0.00 | 351 | -- | -- | 0.16 | 6.4 |
| 13 1900 | 3.13 | 163 | -- | -- | 0.18 | 6.0 |
| 13 2200 | 3.13 | 163 | -- | -- | 0.28 | 2.7 |
| 14 100 | 5.36 | 133 | -- | -- | 0.31 | 2.8 |
| 14 400 | 4.02 | 157 | -- | -- | 0.26 | 2.4 |
| 14 700 | 3.58 | 172 | -- | -- | 0.25 | 2.4 |
| 14 1000 | 0.89 | 195 | -- | -- | 0.29 | 2.4 |
| 14 1300 | 2.24 | 188 | -- | -- | 0.23 | 2.5 |
| 14 1600 | 3.58 | 179 | -- | -- | 0.24 | 2.9 |
| 14 1900 | 4.92 | 160 | -- | -- | 0.28 | 2.8 |
| 14 2200 | 5.36 | 152 | -- | -- | 0.40 | 3.0 |
| 15 100 | 6.26 | 149 | -- | -- | 0.45 | 3.2 |
| 15 400 | 6.71 | 122 | -- | -- | 0.37 | 5.3 |
| 15 700 | 7.60 | 126 | -- | -- | 0.50 | 4.3 |
| 15 1000 | 6.26 | 129 | -- | -- | 0.59 | 4.1 |
| 15 1300 | 3.58 | 111 | -- | -- | 0.61 | 8.1 |
| 15 1600 | 3.58 | 094 | -- | -- | 0.38 | 6.4 |
| 15 1900 | 4.02 | 097 | -- | -- | 0.52 | 6.9 |
| 15 2200 | 6.26 | 084 | -- | -- | 0.74 | 7.4 |
| 16 100 | 7.60 | 074 | -- | -- | 0.85 | 8.1 |
| 16 400 | 6.71 | 090 | -- | -- | 0.76 | 8.1 |
| 16 700 | 3.58 | 111 | -- | -- | 0.62 | 8.1 |
| 16 1000 | 4.92 | 115 | -- | -- | 0.75 | 8.1 |
| 16 1300 | 6.26 | 115 | -- | -- | 0.65 | 7.4 |
| 16 1600 | 4.92 | 097 | -- | -- | 0.48 | 7.4 |
| 16 1900 | 8.49 | 088 | -- | -- | 0.50 | 8.1 |
| 16 2200 | 7.15 | 093 | -- | -- | -- | -- |
| 17 100 | 8.94 | 090 | -- | -- | 0.92 | 8.1 |
| 17 400 | 8.94 | 086 | -- | -- | 0.78 | 6.9 |
| 17 700 | 8.94 | 090 | -- | -- | -- | -- |
| 17 1000 | 7.15 | 094 | -- | -- | 1.06 | 8.8 |
| 17 1300 | 8.94 | 091 | -- | -- | 1.08 | 4.8 |
| 17 1600 | 8.94 | 087 | -- | -- | 0.88 | 9.8 |
| 17 1900 | 9.39 | 084 | -- | -- | -- | -- |
| 17 2200 | 9.39 | 078 | -- | -- | 0.82 | 9.8 |
| 18 100 | 10.28 | 077 | -- | -- | 0.98 | 8.1 |
| 18 400 | 4.47 | 107 | -- | -- | -- | -- |
| 18 700 | 4.92 | 071 | -- | -- | 0.62 | 8.1 |
| 18 1000 | 6.26 | 077 | -- | -- | 0.80 | 9.8 |
| 18 1300 | 7.15 | 077 | -- | -- | 0.74 | 8.8 |
| 18 1600 | 5.81 | 076 | -- | -- | 0.62 | 7.4 |
| 18 1900 | 6.71 | 069 | -- | -- | 0.48 | 8.1 |
| 18 2200 | 5.81 | 081 | -- | -- | 0.49 | 8.8 |
| 19 100 | 5.36 | 080 | -- | -- | 0.52 | 8.8 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 001 | -- | -- | 0.59 | 8.1 |
| 19 700 | 3.58 | 053 | -- | -- | 0.49 | 8.8 |
| 19 1000 | 2.24 | 059 | -- | -- | 0.52 | 8.1 |
| 19 1300 | 2.24 | 043 | -- | -- | 0.67 | 8.1 |
| 19 1600 | 0.89 | 062 | -- | -- | 0.52 | 8.1 |
| 19 1900 | 1.79 | 052 | -- | -- | 0.34 | 8.8 |
| 19 2200 | 0.89 | 035 | -- | -- | 0.37 | 8.8 |
| 20 100 | 3.13 | 080 | -- | -- | 0.47 | 8.1 |
| 20 400 | 0.00 | 157 | -- | -- | 0.46 | 8.1 |
| 20 700 | 0.00 | 193 | -- | -- | -- | -- |
| 20 1000 | 0.00 | 262 | -- | -- | -- | -- |
| 20 1300 | 0.45 | 246 | -- | -- | 0.41 | 6.9 |
| 20 1600 | 0.00 | 238 | -- | -- | 0.38 | 8.1 |
| 20 1900 | 0.00 | 001 | -- | -- | 0.27 | 8.1 |
| 20 2200 | 2.68 | 131 | -- | -- | 0.26 | 8.1 |
| 21 100 | 4.02 | 133 | -- | -- | 0.35 | 7.4 |
| 21 400 | 1.79 | 097 | -- | -- | 0.35 | 6.4 |
| 21 700 | 1.79 | 080 | -- | -- | 0.32 | 8.1 |
| 21 1000 | 0.00 | 000 | -- | -- | 0.23 | 7.4 |
| 21 1300 | 0.00 | 241 | -- | -- | 0.26 | 10.9 |
| 21 1600 | 0.00 | 218 | -- | -- | 0.27 | 6.9 |
| 21 1900 | 0.00 | 148 | -- | -- | 0.23 | 10.9 |
| 21 2200 | 3.13 | 138 | -- | -- | 0.21 | 6.9 |
| 22 100 | 1.79 | 169 | -- | -- | 0.22 | 8.1 |
| 22 400 | 0.45 | 146 | -- | -- | -- | -- |
| 22 700 | 1.79 | 136 | -- | -- | 0.25 | 8.8 |
| 22 1000 | 0.00 | 132 | -- | -- | 0.21 | 8.1 |
| 22 1300 | 0.45 | 036 | -- | -- | 0.19 | 8.1 |
| 22 1600 | 0.89 | 297 | -- | -- | 0.22 | 7.4 |
| 22 1900 | 0.00 | 056 | -- | -- | 0.21 | 6.0 |
| 22 2200 | 2.68 | 076 | -- | -- | -- | -- |
| 23 100 | 0.45 | 056 | -- | -- | 0.18 | 7.4 |
| 23 400 | 0.00 | 069 | -- | -- | -- | -- |
| 23 700 | 0.00 | 086 | -- | -- | 0.19 | 5.6 |
| 23 1000 | 0.00 | 195 | -- | -- | 0.16 | 6.9 |
| 23 1300 | 0.00 | 260 | -- | -- | 0.16 | 7.4 |
| 23 1600 | 0.45 | 280 | -- | -- | 0.18 | 5.6 |
| 23 1900 | 2.24 | 298 | -- | -- | 0.20 | 5.3 |
| 23 2200 | 0.45 | 133 | -- | -- | -- | -- |
| 24 100 | 0.45 | 145 | -- | -- | 0.20 | 12.3 |
| 24 400 | 0.45 | 191 | -- | -- | 0.32 | 10.9 |
| 24 700 | 0.00 | 277 | -- | -- | -- | -- |
| 24 1000 | 0.45 | 273 | -- | -- | -- | -- |
| 24 1300 | 0.00 | 160 | -- | -- | -- | -- |
| 24 1600 | 0.00 | 269 | -- | -- | -- | -- |
| 24 1900 | 0.00 | 157 | -- | -- | -- | -- |
| 24 2200 | 1.34 | 207 | -- | -- | -- | -- |
| 25 100 | 4.02 | 193 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 700 | 2.68 | 203 | -- | -- | -- | -- |
| 25 1000 | 0.45 | 214 | -- | -- | -- | -- |
| 25 1300 | 0.00 | 243 | -- | -- | -- | -- |
| 25 1600 | 0.00 | 262 | -- | -- | -- | -- |
| 25 1900 | 0.89 | 184 | -- | -- | -- | -- |
| 25 2200 | 2.68 | 187 | -- | -- | -- | -- |
| 26 100 | 2.24 | 231 | -- | -- | -- | -- |
| 26 400 | 4.47 | 195 | -- | -- | 0.30 | 3.4 |
| 26 700 | 2.24 | 224 | -- | -- | 0.27 | 16.8 |
| 26 1000 | 1.34 | 197 | -- | -- | 0.23 | 4.5 |
| 26 1300 | 0.00 | 231 | -- | -- | 0.20 | 2.1 |
| 26 1600 | 0.00 | 262 | -- | -- | 0.16 | 4.5 |
| 26 1900 | 0.00 | 181 | -- | -- | 0.17 | 2.8 |
| 26 2200 | 3.13 | 155 | -- | -- | 0.23 | 2.2 |
| 27 100 | 0.45 | 188 | -- | -- | 0.21 | 9.8 |
| 27 400 | 3.13 | 204 | -- | -- | 0.19 | 8.8 |
| 27 700 | 0.00 | 214 | -- | -- | 0.25 | 8.1 |
| 27 1000 | 0.00 | 336 | -- | -- | 0.29 | 8.1 |
| 27 1300 | 0.00 | 246 | -- | -- | 0.29 | 9.8 |
| 27 1600 | 0.45 | 293 | -- | -- | 0.22 | 8.8 |
| 27 1900 | 0.45 | 026 | -- | -- | 0.25 | 7.4 |
| 27 2200 | 3.13 | 053 | -- | -- | 0.26 | 8.1 |
| 28 100 | 2.24 | 012 | -- | -- | 0.23 | 8.1 |
| 28 400 | 1.34 | 012 | -- | -- | 0.23 | 7.4 |
| 28 700 | 4.02 | 005 | -- | -- | 0.31 | 7.4 |
| 28 1000 | 0.89 | 294 | -- | -- | 0.33 | 8.1 |
| 28 1300 | 2.24 | 018 | -- | -- | 0.25 | 6.9 |
| 28 1600 | 3.58 | 011 | -- | -- | 0.22 | 8.1 |
| 28 1900 | 3.58 | 002 | -- | -- | 0.24 | 6.0 |
| 28 2200 | 0.89 | 029 | -- | -- | 0.26 | 7.4 |
| 29 100 | 0.89 | 080 | -- | -- | 0.22 | 6.9 |
| 29 400 | 0.00 | 181 | -- | -- | 0.19 | 6.4 |
| 29 700 | 0.89 | 313 | -- | -- | 0.21 | 6.0 |
| 29 1000 | 2.24 | 280 | -- | -- | 0.23 | 7.4 |
| 29 1300 | 2.24 | 274 | -- | -- | 0.19 | 6.9 |
| 29 1600 | 0.89 | 300 | -- | -- | 0.14 | 14.2 |
| 29 1900 | 1.34 | 138 | -- | -- | 0.20 | 7.4 |
| 29 2200 | 2.24 | 118 | -- | -- | 0.21 | 6.4 |
| 30 100 | 1.34 | 054 | -- | -- | 0.19 | 6.9 |
| 30 400 | 0.45 | 338 | -- | -- | 0.16 | 7.4 |
| 30 700 | 4.02 | 318 | -- | -- | -- | -- |
| 30 1000 | 3.13 | 304 | -- | -- | 0.20 | 8.1 |
| 30 1300 | 0.00 | 311 | -- | -- | 0.16 | 7.4 |
| 30 1600 | 0.00 | 208 | -- | -- | -- | -- |
| 30 1900 | 0.89 | 149 | -- | -- | 0.13 | 7.4 |
| 30 2200 | 1.79 | 132 | -- | -- | 0.15 | 6.9 |
| 31 100 | 0.89 | 145 | -- | -- | 0.19 | 7.4 |
| 31 400 | 0.89 | 114 | -- | -- | 0.15 | 2.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 700 | 0.00 | 090 | -- | -- | 0.13 | 6.9 |
| 31 1000 | 0.00 | 263 | -- | -- | 0.16 | 16.8 |
| 31 1300 | 0.45 | 262 | -- | -- | 0.13 | 16.8 |
| 31 1600 | 0.00 | 270 | -- | -- | -- | -- |
| 31 1900 | 0.89 | 107 | -- | -- | -- | -- |
| 31 2200 | 4.47 | 081 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | 3.58 | 083 | -- | -- | -- | -- |
| 1 400 | 0.00 | 177 | -- | -- | 0.14 | 16.8 |
| 1 700 | 0.00 | 054 | -- | -- | 0.13 | 14.2 |
| 1 1000 | 0.89 | 248 | -- | -- | 0.15 | 16.8 |
| 1 1300 | 0.89 | 249 | -- | -- | 0.17 | 6.0 |
| 1 1600 | 3.13 | 286 | -- | -- | 0.14 | 16.8 |
| 1 1900 | 3.58 | 304 | -- | -- | -- | -- |
| 1 2200 | 2.68 | 136 | -- | -- | -- | -- |
| 2 100 | 0.45 | 179 | -- | -- | -- | -- |
| 2 400 | 1.34 | 135 | -- | -- | 0.17 | 8.8 |
| 2 700 | 0.00 | 174 | -- | -- | 0.17 | 6.4 |
| 2 1000 | 0.00 | 283 | -- | -- | 0.20 | 6.0 |
| 2 1300 | 0.89 | 255 | -- | -- | 0.21 | 6.9 |
| 2 1600 | 0.00 | 282 | -- | -- | 0.17 | 8.8 |
| 2 1900 | 0.89 | 143 | -- | -- | 0.15 | 6.0 |
| 2 2200 | 0.89 | 122 | -- | -- | 0.18 | 6.9 |
| 3 100 | 3.13 | 128 | -- | -- | -- | -- |
| 3 400 | 3.13 | 124 | -- | -- | -- | -- |
| 3 700 | 0.00 | 131 | -- | -- | 0.18 | 6.4 |
| 3 1000 | 0.89 | 262 | -- | -- | 0.20 | 6.9 |
| 3 1300 | 0.89 | 259 | -- | -- | 0.29 | 5.6 |
| 3 1600 | 0.89 | 283 | -- | -- | 0.24 | 6.0 |
| 3 1900 | 0.89 | 353 | -- | -- | 0.15 | 5.6 |
| 3 2200 | 2.24 | 152 | -- | -- | 0.21 | 6.9 |
| 4 100 | 0.00 | 135 | -- | -- | 0.27 | 6.0 |
| 4 400 | 0.00 | 117 | -- | -- | 0.27 | 6.0 |
| 4 700 | 3.58 | 289 | -- | -- | 0.20 | 6.4 |
| 4 1000 | 3.13 | 277 | -- | -- | 0.25 | 6.4 |
| 4 1300 | 7.60 | 311 | -- | -- | 0.40 | 7.4 |
| 4 1600 | 6.26 | 296 | -- | -- | 0.35 | 7.4 |
| 4 1900 | 4.92 | 289 | -- | -- | 0.23 | 6.0 |
| 4 2200 | 3.13 | 320 | -- | -- | 0.21 | 7.4 |
| 5 100 | 5.81 | 332 | -- | -- | 0.24 | 6.0 |
| 5 400 | 4.92 | 318 | -- | -- | 0.25 | 6.9 |
| 5 700 | 4.47 | 311 | -- | -- | 0.19 | 7.4 |
| 5 1000 | 4.92 | 304 | -- | -- | 0.19 | 8.1 |
| 5 1300 | 4.47 | 311 | -- | -- | 0.21 | 8.1 |
| 5 1600 | 0.00 | 314 | -- | -- | 0.21 | 7.4 |
| 5 1900 | 0.89 | 100 | -- | -- | 0.16 | 6.0 |
| 5 2200 | 0.45 | 152 | -- | -- | 0.15 | 8.1 |
| 6 100 | 0.45 | 143 | -- | -- | 0.17 | 8.1 |
| 6 400 | 0.00 | 091 | -- | -- | 0.19 | 8.8 |
| 6 700 | 0.45 | 063 | -- | -- | 0.22 | 2.9 |
| 6 1000 | 0.00 | 307 | -- | -- | 0.15 | 14.2 |
| 6 1300 | 0.00 | 255 | -- | -- | 0.15 | 8.1 |
| 6 1600 | 0.00 | 131 | -- | -- | 0.16 | 8.1 |
| 6 1900 | 0.00 | 149 | -- | -- | -- | -- |
| 6 2200 | 3.13 | 124 | -- | -- | 0.13 | 14.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 100 | 0.89 | 086 | -- | -- | -- | -- |
| 7 400 | 0.00 | 087 | -- | -- | -- | -- |
| 7 700 | 0.00 | 062 | -- | -- | 0.20 | 8.1 |
| 7 1000 | 0.89 | 023 | -- | -- | 0.15 | 12.3 |
| 7 1300 | 0.45 | 004 | -- | -- | 0.14 | 14.2 |
| 7 1600 | 0.00 | 217 | -- | -- | 0.16 | 14.2 |
| 7 1900 | 0.00 | 210 | -- | -- | 0.17 | 6.4 |
| 7 2200 | 0.00 | 181 | -- | -- | 0.13 | 14.2 |
| 8 100 | 0.00 | 157 | -- | -- | 0.16 | 4.1 |
| 8 400 | 0.00 | 176 | -- | -- | 0.17 | 4.0 |
| 8 700 | 0.00 | 105 | -- | -- | 0.15 | 10.9 |
| 8 1000 | 0.00 | 232 | -- | -- | 0.16 | 2.8 |
| 8 1300 | 0.00 | 083 | -- | -- | -- | -- |
| 8 1600 | 0.00 | 248 | -- | -- | -- | -- |
| 8 1900 | 1.34 | 157 | -- | -- | 0.14 | 4.8 |
| 8 2200 | 2.24 | 152 | -- | -- | 0.14 | 16.8 |
| 9 100 | 4.02 | 150 | -- | -- | 0.20 | 2.4 |
| 9 400 | 3.58 | 167 | -- | -- | 0.18 | 2.4 |
| 9 700 | 1.79 | 148 | -- | -- | 0.20 | 2.2 |
| 9 1000 | 2.24 | 157 | -- | -- | -- | -- |
| 9 1300 | 0.00 | 133 | -- | -- | -- | -- |
| 9 1600 | 1.79 | 090 | -- | -- | 0.15 | 2.2 |
| 9 1900 | 1.34 | 109 | -- | -- | 0.20 | 2.4 |
| 9 2200 | 1.79 | 114 | -- | -- | 0.26 | 4.1 |
| 10 100 | 1.79 | 100 | -- | -- | 0.26 | 4.5 |
| 10 400 | 2.24 | 115 | -- | -- | 0.18 | 4.8 |
| 10 700 | 0.45 | 067 | -- | -- | 0.29 | 4.0 |
| 10 1000 | 0.45 | 071 | -- | -- | 0.27 | 4.3 |
| 10 1300 | 2.24 | 071 | -- | -- | 0.22 | 4.3 |
| 10 1600 | 2.24 | 067 | -- | -- | 0.30 | 5.3 |
| 10 1900 | 0.89 | 105 | -- | -- | 0.40 | 6.0 |
| 10 2200 | 1.34 | 067 | -- | -- | -- | -- |
| 11 100 | 0.00 | 121 | -- | -- | 0.45 | 7.4 |
| 11 400 | 0.45 | 095 | -- | -- | 0.40 | 6.0 |
| 11 700 | 0.00 | 038 | -- | -- | 0.59 | 8.1 |
| 11 1000 | 0.00 | 303 | -- | -- | 0.60 | 6.9 |
| 11 1300 | 0.00 | 249 | -- | -- | 0.38 | 9.8 |
| 11 1600 | 0.00 | 249 | -- | -- | 0.32 | 7.4 |
| 11 1900 | 0.00 | 201 | -- | -- | 0.35 | 6.4 |
| 11 2200 | 0.45 | 133 | -- | -- | 0.40 | 7.4 |
| 12 100 | 0.45 | 152 | -- | -- | 0.34 | 8.1 |
| 12 400 | 0.00 | 083 | -- | -- | 0.26 | 8.8 |
| 12 700 | 0.89 | 280 | -- | -- | 0.27 | 6.9 |
| 12 1000 | 0.45 | 249 | -- | -- | 0.30 | 7.4 |
| 12 1300 | 0.89 | 267 | -- | -- | 0.22 | 6.9 |
| 12 1600 | 0.45 | 256 | -- | -- | 0.15 | 8.1 |
| 12 1900 | 0.00 | 177 | -- | -- | 0.16 | 6.9 |
| 12 2200 | 1.34 | 105 | -- | -- | 0.20 | 6.9 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 400 | 2.68 | 166 | -- | -- | 0.24 | 2.8 |
| 13 700 | 3.58 | 153 | -- | -- | 0.29 | 3.1 |
| 13 1000 | 4.47 | 135 | -- | -- | 0.33 | 2.7 |
| 13 1300 | 4.92 | 094 | -- | -- | 0.40 | 4.5 |
| 13 1600 | 4.92 | 095 | -- | -- | 0.43 | 5.6 |
| 13 1900 | 7.15 | 086 | -- | -- | 0.65 | 7.4 |
| 13 2200 | 3.13 | 100 | -- | -- | 0.73 | 7.4 |
| 14 100 | 3.13 | 077 | -- | -- | 0.69 | 8.1 |
| 14 400 | 0.89 | 064 | -- | -- | 0.44 | 8.1 |
| 14 700 | 0.45 | 073 | -- | -- | 0.47 | 8.8 |
| 14 1000 | 0.89 | 358 | -- | -- | 0.63 | 8.1 |
| 14 1300 | 1.79 | 305 | -- | -- | 0.51 | 7.4 |
| 14 1600 | 6.71 | 329 | -- | -- | 0.25 | 7.4 |
| 14 1900 | 4.92 | 334 | -- | -- | 0.23 | 6.9 |
| 14 2200 | 4.47 | 000 | -- | -- | 0.28 | 8.8 |
| 15 100 | 3.13 | 052 | -- | -- | -- | -- |
| 15 400 | 0.00 | 040 | -- | -- | 0.25 | 6.9 |
| 15 700 | 0.00 | 188 | -- | -- | 0.21 | 7.4 |
| 15 1000 | 0.00 | 276 | -- | -- | 0.28 | 8.1 |
| 15 1300 | 0.00 | 242 | -- | -- | 0.27 | 6.9 |
| 15 1600 | 0.00 | 322 | -- | -- | 0.20 | 6.9 |
| 15 1900 | 0.00 | 141 | -- | -- | -- | -- |
| 15 2200 | 0.45 | 131 | -- | -- | 0.20 | 6.9 |
| 16 100 | 0.89 | 108 | -- | -- | -- | -- |
| 16 400 | 0.45 | 108 | -- | -- | 0.18 | 7.4 |
| 16 700 | 1.34 | 150 | -- | -- | 0.16 | 6.9 |
| 16 1000 | 0.00 | 142 | -- | -- | 0.20 | 6.0 |
| 16 1300 | 0.89 | 195 | -- | -- | 0.24 | 6.9 |
| 16 1600 | 0.89 | 187 | -- | -- | 0.18 | 7.4 |
| 16 1900 | 0.89 | 145 | -- | -- | -- | -- |
| 16 2200 | 2.24 | 145 | -- | -- | 0.17 | 6.9 |
| 17 100 | 4.02 | 145 | -- | -- | 0.28 | 2.9 |
| 17 400 | 5.36 | 133 | -- | -- | -- | -- |
| 17 700 | 1.34 | 132 | -- | -- | -- | -- |
| 17 1000 | 0.00 | 115 | -- | -- | 0.14 | 6.4 |
| 17 1300 | 0.45 | 066 | -- | -- | 0.19 | 5.6 |
| 17 1600 | 0.00 | 067 | -- | -- | 0.18 | 4.8 |
| 17 1900 | 0.00 | 063 | -- | -- | -- | -- |
| 17 2200 | 1.34 | 086 | -- | -- | -- | -- |
| 18 100 | 2.24 | 111 | -- | -- | 0.17 | 5.6 |
| 18 400 | 0.45 | 118 | -- | -- | 0.16 | 14.2 |
| 18 700 | 0.45 | 100 | -- | -- | 0.13 | 14.2 |
| 18 1000 | 1.34 | 091 | -- | -- | 0.13 | 16.8 |
| 18 1300 | 0.00 | 138 | -- | -- | 0.21 | 12.3 |
| 18 1600 | 0.00 | 081 | -- | -- | 0.21 | 4.0 |
| 18 1900 | 0.45 | 109 | -- | -- | 0.14 | 3.8 |
| 18 2200 | 0.89 | 132 | -- | -- | -- | -- |
| 19 100 | 0.89 | 132 | -- | -- | 0.19 | 4.5 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 131 | -- | -- | 0.20 | 4.0 |
| 19 700 | 0.00 | 195 | -- | -- | 0.18 | 4.5 |
| 19 1000 | 0.00 | 274 | -- | -- | 0.13 | 4.5 |
| 19 1300 | 0.00 | 298 | -- | -- | 0.13 | 4.3 |
| 19 1600 | 0.00 | 260 | -- | -- | 0.13 | 3.8 |
| 19 1900 | 0.00 | 160 | -- | -- | -- | -- |
| 19 2200 | 1.34 | 145 | -- | -- | 0.13 | 4.5 |
| 20 100 | 0.45 | 135 | -- | -- | -- | -- |
| 20 400 | 0.89 | 181 | -- | -- | 0.16 | 4.3 |
| 20 700 | 0.45 | 235 | -- | -- | 0.19 | 2.5 |
| 20 1000 | 0.45 | 314 | -- | -- | 0.15 | 16.8 |
| 20 1300 | 0.00 | 053 | -- | -- | 0.15 | 16.8 |
| 20 1600 | 0.00 | 236 | -- | -- | 0.16 | 16.8 |
| 20 1900 | 0.00 | 073 | -- | -- | 0.16 | 16.8 |
| 20 2200 | 3.13 | 180 | -- | -- | 0.20 | 2.0 |
| 21 100 | 3.58 | 176 | -- | -- | 0.28 | 3.2 |
| 21 400 | 2.68 | 184 | -- | -- | 0.30 | 2.6 |
| 21 700 | 2.24 | 180 | -- | -- | 0.25 | 2.6 |
| 21 1000 | 0.89 | 143 | -- | -- | 0.18 | 16.8 |
| 21 1300 | 0.00 | 152 | -- | -- | 0.16 | 16.8 |
| 21 1600 | 0.00 | 115 | -- | -- | 0.19 | 3.6 |
| 21 1900 | 0.00 | 115 | -- | -- | 0.18 | 16.8 |
| 21 2200 | 1.34 | 139 | -- | -- | 0.17 | 4.3 |
| 22 100 | 2.24 | 129 | -- | -- | 0.21 | 5.0 |
| 22 400 | 0.89 | 136 | -- | -- | 0.26 | 2.4 |
| 22 700 | 0.00 | 138 | -- | -- | 0.24 | 5.3 |
| 22 1000 | 0.00 | 274 | -- | -- | 0.22 | 5.3 |
| 22 1300 | 0.45 | 293 | -- | -- | 0.20 | 6.0 |
| 22 1600 | 0.00 | 293 | -- | -- | 0.30 | 5.3 |
| 22 1900 | 0.45 | 162 | -- | -- | 0.27 | 7.4 |
| 22 2200 | 2.24 | 121 | -- | -- | 0.24 | 6.9 |
| 23 100 | 1.34 | 109 | -- | -- | 0.30 | 20.5 |
| 23 400 | 0.45 | 097 | -- | -- | 0.36 | 8.1 |
| 23 700 | 1.79 | 091 | -- | -- | 0.39 | 8.8 |
| 23 1000 | 0.89 | 133 | -- | -- | 0.35 | 8.1 |
| 23 1300 | 0.89 | 128 | -- | -- | 0.28 | 8.1 |
| 23 1600 | 4.02 | 138 | -- | -- | 0.38 | 6.9 |
| 23 1900 | 2.24 | 142 | -- | -- | -- | -- |
| 23 2200 | 0.45 | 125 | -- | -- | 0.32 | 7.4 |
| 24 100 | 1.79 | 122 | -- | -- | 0.29 | 6.9 |
| 24 400 | 0.00 | 197 | -- | -- | 0.30 | 6.9 |
| 24 700 | 2.68 | 160 | -- | -- | 0.28 | 6.9 |
| 24 1000 | 2.68 | 138 | -- | -- | 0.31 | 7.4 |
| 24 1300 | 2.24 | 135 | -- | -- | 0.23 | 8.1 |
| 24 1600 | 4.47 | 132 | -- | -- | 0.34 | 7.4 |
| 24 1900 | 5.36 | 133 | -- | -- | 0.61 | 5.0 |
| 24 2200 | 5.36 | 133 | -- | -- | 0.72 | 6.4 |
| 25 100 | 5.81 | 145 | -- | -- | 0.64 | 6.9 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 700 | 2.68 | 086 | -- | -- | 0.66 | 5.6 |
| 25 1000 | 3.58 | 100 | -- | -- | 0.64 | 8.1 |
| 25 1300 | 6.26 | 112 | -- | -- | 0.65 | 6.0 |
| 25 1600 | 5.36 | 121 | -- | -- | 0.74 | 8.1 |
| 25 1900 | 3.13 | 083 | -- | -- | 0.74 | 8.8 |
| 25 2200 | 5.81 | 080 | -- | -- | 0.68 | 8.1 |
| 26 100 | 5.36 | 083 | -- | -- | 0.57 | 7.4 |
| 26 400 | 3.58 | 063 | -- | -- | 0.53 | 8.1 |
| 26 700 | 2.24 | 056 | -- | -- | 0.68 | 7.4 |
| 26 1000 | 3.58 | 059 | -- | -- | 0.61 | 8.8 |
| 26 1300 | 6.26 | 064 | -- | -- | 0.45 | 7.4 |
| 26 1600 | 4.92 | 059 | -- | -- | 0.46 | 8.1 |
| 26 1900 | 5.81 | 046 | -- | -- | 0.51 | 8.1 |
| 26 2200 | 5.36 | 039 | -- | -- | 0.53 | 8.1 |
| 27 100 | 6.26 | 040 | -- | -- | 0.57 | 8.8 |
| 27 400 | 6.26 | 046 | -- | -- | 0.56 | 8.1 |
| 27 700 | 5.36 | 047 | -- | -- | 0.72 | 8.1 |
| 27 1000 | 3.13 | 050 | -- | -- | 0.63 | 8.1 |
| 27 1300 | 1.79 | 039 | -- | -- | 0.59 | 8.1 |
| 27 1600 | 0.45 | 025 | -- | -- | 0.47 | 8.8 |
| 27 1900 | 0.45 | 023 | -- | -- | 0.44 | 7.4 |
| 27 2200 | 0.45 | 056 | -- | -- | 0.56 | 7.4 |
| 28 100 | 1.79 | 159 | -- | -- | 0.45 | 6.4 |
| 28 400 | 0.00 | 105 | -- | -- | 0.36 | 8.1 |
| 28 700 | 0.00 | 205 | -- | -- | 0.37 | 8.1 |
| 28 1000 | 0.45 | 256 | -- | -- | 0.35 | 8.1 |
| 28 1300 | 0.45 | 253 | -- | -- | 0.29 | 6.9 |
| 28 1600 | 0.00 | 243 | -- | -- | 0.16 | 8.8 |
| 28 1900 | 0.00 | 121 | -- | -- | 0.22 | 8.1 |
| 28 2200 | 1.34 | 081 | -- | -- | -- | -- |
| 29 100 | 2.24 | 087 | -- | -- | 0.31 | 3.3 |
| 29 400 | 1.34 | 071 | -- | -- | 0.24 | 3.5 |
| 29 700 | 3.58 | 186 | -- | -- | 0.36 | 2.6 |
| 29 1000 | 4.92 | 150 | -- | -- | 0.37 | 3.1 |
| 29 1300 | 6.26 | 146 | -- | -- | 0.43 | 3.3 |
| 29 1600 | 5.81 | 145 | -- | -- | 0.42 | 3.5 |
| 29 1900 | 2.24 | 143 | -- | -- | 0.37 | 3.3 |
| 29 2200 | 4.92 | 136 | -- | -- | 0.37 | 4.8 |
| 30 100 | 3.58 | 126 | -- | -- | 0.43 | 4.8 |
| 30 400 | 3.58 | 141 | -- | -- | -- | -- |
| 30 700 | 2.24 | 117 | -- | -- | 0.26 | 6.0 |
| 30 1000 | 2.68 | 094 | -- | -- | 0.35 | 6.9 |
| 30 1300 | 3.13 | 088 | -- | -- | 0.36 | 5.6 |
| 30 1600 | 2.24 | 105 | -- | -- | 0.23 | 8.8 |
| 30 1900 | 0.89 | 101 | -- | -- | 0.23 | 5.6 |
| 30 2200 | 0.89 | 109 | -- | -- | -- | -- |
| 31 400 | 0.89 | 114 | -- | -- | 0.15 | 2.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 700 | 0.00 | 090 | -- | -- | 0.13 | 6.9 |
| 31 1000 | 0.00 | 263 | -- | -- | 0.16 | 16.8 |
| 31 1300 | 0.45 | 262 | -- | -- | 0.13 | 16.8 |
| 31 1600 | 0.00 | 270 | -- | -- | -- | -- |
| 31 1900 | 0.89 | 107 | -- | -- | -- | -- |
| 31 2200 | 4.47 | 081 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | 1.79 | 093 | -- | -- | 0.34 | 4.8 |
| 1 400 | 3.13 | 084 | -- | -- | 0.26 | 5.3 |
| 1 700 | 1.34 | 066 | -- | -- | 0.21 | 5.6 |
| 1 1000 | 1.34 | 064 | -- | -- | 0.28 | 5.6 |
| 1 1300 | 0.89 | 063 | -- | -- | 0.32 | 5.0 |
| 1 1600 | 1.79 | 069 | -- | -- | 0.25 | 5.6 |
| 1 1900 | 1.79 | 062 | -- | -- | 0.18 | 6.9 |
| 1 2200 | 3.13 | 069 | -- | -- | 0.22 | 6.0 |
| 2 100 | 2.24 | 073 | -- | -- | 0.25 | 5.3 |
| 2 400 | 1.79 | 069 | -- | -- | 0.23 | 4.5 |
| 2 700 | 1.79 | 067 | -- | -- | 0.19 | 5.3 |
| 2 1000 | 0.89 | 059 | -- | -- | 0.21 | 6.0 |
| 2 1300 | 0.89 | 067 | -- | -- | 0.26 | 7.4 |
| 2 1600 | 0.89 | 046 | -- | -- | 0.21 | 5.3 |
| 2 1900 | 2.68 | 054 | -- | -- | 0.15 | 14.2 |
| 2 2200 | 2.24 | 059 | -- | -- | 0.18 | 6.4 |
| 3 100 | 2.24 | 056 | -- | -- | 0.21 | 6.9 |
| 3 400 | 1.79 | 039 | -- | -- | 0.22 | 6.9 |
| 3 700 | 0.89 | 056 | -- | -- | 0.17 | 14.2 |
| 3 1000 | 1.34 | 047 | -- | -- | 0.19 | 6.0 |
| 3 1300 | 0.45 | 289 | -- | -- | 0.24 | 7.4 |
| 3 1600 | 1.34 | 300 | -- | -- | 0.23 | 5.3 |
| 3 1900 | 1.79 | 305 | -- | -- | 0.15 | 6.4 |
| 3 2200 | 0.45 | 136 | -- | -- | 0.16 | 6.4 |
| 4 100 | 0.45 | 177 | -- | -- | 0.21 | 6.9 |
| 4 400 | 0.00 | 038 | -- | -- | -- | -- |
| 4 700 | 2.24 | 293 | -- | -- | -- | -- |
| 4 1000 | 3.13 | 290 | -- | -- | 0.15 | 6.9 |
| 4 1300 | 4.92 | 300 | -- | -- | 0.16 | 5.3 |
| 4 1600 | 4.47 | 293 | -- | -- | 0.20 | 12.3 |
| 4 1900 | 3.13 | 310 | -- | -- | -- | -- |
| 4 2200 | 3.58 | 304 | -- | -- | 0.15 | 16.8 |
| 5 100 | 3.58 | 313 | -- | -- | 0.16 | 6.4 |
| 5 400 | 0.89 | 153 | -- | -- | 0.17 | 16.8 |
| 5 700 | 5.36 | 313 | -- | -- | -- | -- |
| 5 1000 | 3.58 | 308 | -- | -- | 0.13 | 16.8 |
| 5 1300 | 4.47 | 301 | -- | -- | 0.16 | 16.8 |
| 5 1600 | 2.24 | 297 | -- | -- | 0.15 | 12.3 |
| 5 1900 | 4.47 | 320 | -- | -- | 0.16 | 16.8 |
| 5 2200 | 4.92 | 318 | -- | -- | 0.16 | 16.8 |
| 6 100 | 5.36 | 313 | -- | -- | 0.16 | 16.8 |
| 6 400 | 4.47 | 311 | -- | -- | 0.15 | 16.8 |
| 6 700 | 6.71 | 305 | -- | -- | 0.19 | 16.8 |
| 6 1000 | 6.26 | 301 | -- | -- | 0.21 | 16.8 |
| 6 1300 | 3.58 | 303 | -- | -- | 0.16 | 16.8 |
| 6 1600 | 4.47 | 296 | -- | -- | 0.16 | 16.8 |
| 6 1900 | 5.81 | 307 | -- | -- | 0.20 | 16.8 |
| 6 2200 | 4.47 | 303 | -- | -- | 0.17 | 14.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 100 | 4.92 | 317 | -- | -- | 0.14 | 14.2 |
| 7 400 | 0.89 | 174 | -- | -- | -- | -- |
| 7 700 | 3.13 | 311 | -- | -- | 0.13 | 14.2 |
| 7 1000 | 4.02 | 284 | -- | -- | -- | -- |
| 7 1300 | 3.58 | 313 | -- | -- | 0.15 | 14.2 |
| 7 1600 | 2.24 | 291 | -- | -- | 0.14 | 14.2 |
| 7 1900 | 1.79 | 293 | -- | -- | -- | -- |
| 7 2200 | 2.24 | 338 | -- | -- | -- | -- |
| 8 100 | 2.24 | 132 | -- | -- | 0.15 | 14.2 |
| 8 400 | 0.00 | 062 | -- | -- | 0.15 | 14.2 |
| 8 700 | 1.79 | 282 | -- | -- | -- | -- |
| 8 1000 | 1.79 | 296 | -- | -- | -- | -- |
| 8 1300 | 6.26 | 310 | -- | -- | 0.16 | 14.2 |
| 8 1600 | 4.92 | 305 | -- | -- | -- | -- |
| 8 1900 | 10.73 | 311 | -- | -- | 0.25 | 2.0 |
| 8 2200 | -- | -- | -- | -- | 0.27 | 2.0 |
| 17 100 | 0.45 | 136 | -- | -- | -- | -- |
| 17 400 | 0.00 | 129 | -- | -- | -- | -- |
| 17 700 | 0.00 | 153 | -- | -- | -- | -- |
| 17 1000 | 0.00 | 293 | -- | -- | -- | -- |
| 17 1300 | 0.00 | 242 | -- | -- | -- | -- |
| 17 1600 | 0.00 | 313 | -- | -- | -- | -- |
| 17 1900 | 0.00 | 138 | -- | -- | -- | -- |
| 17 2200 | 0.89 | 114 | -- | -- | -- | -- |
| 18 100 | 0.45 | 101 | -- | -- | -- | -- |
| 18 400 | 0.45 | 122 | -- | -- | -- | -- |
| 18 700 | 0.00 | 146 | -- | -- | -- | -- |
| 18 1000 | 0.00 | 086 | -- | -- | -- | -- |
| 18 1300 | 0.00 | 262 | -- | -- | -- | -- |
| 18 1600 | 0.00 | 344 | -- | -- | -- | -- |
| 18 1900 | 0.00 | 159 | -- | -- | 0.17 | 8.1 |
| 18 2200 | 0.00 | 146 | -- | -- | 0.17 | 6.0 |
| 19 100 | 0.00 | 131 | -- | -- | 0.23 | 6.9 |
| 19 400 | 0.00 | 050 | -- | -- | -- | -- |
| 19 700 | 0.00 | 228 | -- | -- | -- | -- |
| 19 1000 | 0.00 | 248 | -- | -- | 0.20 | 6.9 |
| 19 1300 | 0.00 | 022 | -- | -- | -- | -- |
| 19 1600 | 0.00 | 135 | -- | -- | 0.22 | 6.0 |
| 19 1900 | 0.00 | 210 | -- | -- | -- | -- |
| 19 2200 | 1.34 | 154 | -- | -- | 0.18 | 4.5 |
| 20 100 | 0.45 | 283 | -- | -- | -- | -- |
| 20 400 | 0.89 | 087 | -- | -- | 0.20 | 12.3 |
| 20 700 | 0.00 | 104 | -- | -- | 0.18 | 5.3 |
| 20 1000 | 0.00 | 056 | -- | -- | 0.17 | 14.2 |
| 20 1300 | 0.00 | 118 | -- | -- | 0.17 | 4.8 |
| 20 1600 | 0.00 | 025 | -- | -- | 0.19 | 4.8 |
| 20 1900 | 0.00 | 198 | -- | -- | 0.17 | 4.5 |
| 20 2200 | 0.00 | 139 | -- | -- | 0.17 | 2.2 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 21 400 | 0.00 | 167 | -- | -- | -- | -- |
| 21 700 | 0.00 | 328 | -- | -- | 0.19 | 4.8 |
| 21 1000 | 0.00 | 310 | -- | -- | 0.18 | 3.3 |
| 21 1300 | 0.00 | 298 | -- | -- | 0.17 | 14.2 |
| 21 1600 | 0.00 | 289 | -- | -- | 0.20 | 12.3 |
| 21 1900 | 0.00 | 177 | -- | -- | 0.18 | 12.3 |
| 21 2200 | 1.79 | 188 | -- | -- | 0.28 | 2.4 |
| 22 100 | 3.13 | 187 | -- | -- | -- | -- |
| 22 400 | 2.68 | 187 | -- | -- | -- | -- |
| 22 700 | 3.13 | 176 | -- | -- | -- | -- |
| 22 1000 | 2.68 | 142 | -- | -- | -- | -- |
| 22 1300 | 3.58 | 119 | -- | -- | 0.26 | 2.6 |
| 22 1600 | 0.89 | 100 | -- | -- | 0.28 | 4.5 |
| 22 1900 | 1.79 | 098 | -- | -- | 0.38 | 4.1 |
| 22 2200 | 5.36 | 088 | -- | -- | 0.42 | 4.8 |
| 23 100 | 5.36 | 074 | -- | -- | 0.50 | 6.0 |
| 23 400 | 4.92 | 066 | -- | -- | 0.57 | 6.9 |
| 23 700 | 3.58 | 057 | -- | -- | 0.59 | 7.4 |
| 23 1000 | 4.02 | 057 | -- | -- | 0.50 | 7.4 |
| 23 1300 | 4.47 | 049 | -- | -- | 0.45 | 6.9 |
| 23 1600 | 4.47 | 047 | -- | -- | 0.43 | 6.4 |
| 23 1900 | 3.58 | 042 | -- | -- | -- | -- |
| 23 2200 | 4.02 | 050 | -- | -- | 0.33 | 6.4 |
| 24 100 | 4.02 | 050 | -- | -- | 0.27 | 6.4 |
| 24 400 | 3.58 | 042 | -- | -- | -- | -- |
| 24 700 | 2.24 | 033 | -- | -- | 0.33 | 6.9 |
| 24 1000 | 2.24 | 016 | -- | -- | 0.27 | 5.6 |
| 24 1300 | 3.13 | 033 | -- | -- | 0.23 | 6.0 |
| 24 1600 | 2.24 | 016 | -- | -- | 0.21 | 6.4 |
| 24 1900 | 1.34 | 033 | -- | -- | 0.26 | 5.3 |
| 24 2200 | 0.45 | 091 | -- | -- | 0.27 | 6.0 |
| 25 100 | 2.68 | 076 | -- | -- | -- | -- |
| 25 400 | 0.89 | 077 | -- | -- | 0.20 | 5.6 |
| 25 700 | 0.00 | 105 | -- | -- | -- | -- |
| 25 1000 | 0.00 | 338 | -- | -- | -- | -- |
| 25 1300 | 0.00 | 001 | -- | -- | -- | -- |
| 25 1600 | 0.45 | 267 | -- | -- | 0.17 | 5.3 |
| 25 1900 | 0.00 | 138 | -- | -- | -- | -- |
| 25 2200 | 0.00 | 121 | -- | -- | -- | -- |
| 26 100 | 0.89 | 153 | -- | -- | -- | -- |
| 26 400 | 0.00 | 163 | -- | -- | -- | -- |
| 26 700 | 0.00 | 054 | -- | -- | -- | -- |
| 26 1000 | 0.00 | 157 | -- | -- | -- | -- |
| 26 1300 | 0.00 | 289 | -- | -- | -- | -- |
| 26 1600 | 0.00 | 179 | -- | -- | 0.16 | 14.2 |
| 26 1900 | 0.00 | 001 | -- | -- | -- | -- |
| 26 2200 | 3.58 | 136 | -- | -- | -- | -- |
| 27 100 | 4.02 | 141 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 27 400 | 2.68 | 133 | -- | -- | -- | -- |
| 27 700 | 0.89 | 129 | -- | -- | -- | -- |
| 27 1000 | 0.00 | 098 | -- | -- | -- | -- |
| 27 1300 | 0.00 | 112 | -- | -- | -- | -- |
| 27 1600 | 0.89 | 062 | -- | -- | 0.17 | 14.2 |
| 27 1900 | 0.89 | 059 | -- | -- | 0.14 | 14.2 |
| 27 2200 | 1.34 | 059 | -- | -- | 0.17 | 14.2 |
| 28 100 | 3.13 | 071 | -- | -- | 0.22 | 14.2 |
| 28 400 | 1.34 | 063 | -- | -- | 0.23 | 5.6 |
| 28 700 | 0.89 | 059 | -- | -- | 0.32 | 6.0 |
| 28 1000 | 1.34 | 050 | -- | -- | 0.53 | 6.0 |
| 28 1300 | 2.24 | 040 | -- | -- | 0.36 | 6.9 |
| 28 1600 | 1.79 | 045 | -- | -- | 0.29 | 8.1 |
| 28 1900 | 1.79 | 045 | -- | -- | 0.38 | 7.4 |
| 28 2200 | 0.89 | 040 | -- | -- | 0.44 | 6.9 |
| 29 100 | 1.79 | 070 | -- | -- | 0.53 | 8.1 |
| 29 400 | 0.45 | 095 | -- | -- | 0.33 | 7.4 |
| 29 700 | 0.00 | 086 | -- | -- | 0.32 | 6.9 |
| 29 1000 | 0.00 | 270 | -- | -- | 0.57 | 6.4 |
| 29 1300 | 0.00 | 238 | -- | -- | 0.47 | 6.9 |
| 29 1600 | 0.00 | 222 | -- | -- | 0.29 | 7.4 |
| 29 1900 | 0.00 | 180 | -- | -- | 0.30 | 8.1 |
| 29 2200 | 0.89 | 135 | -- | -- | 0.33 | 6.4 |
| 30 100 | 0.89 | 125 | -- | -- | 0.37 | 7.4 |
| 30 400 | 0.45 | 078 | -- | -- | 0.35 | 8.1 |
| 30 700 | 0.00 | 029 | -- | -- | 0.24 | 6.9 |
| 30 1000 | 0.00 | 047 | -- | -- | -- | -- |
| 30 1300 | 0.45 | 301 | -- | -- | 0.32 | 6.9 |
| 30 1600 | 0.00 | 129 | -- | -- | 0.25 | 6.9 |
| 30 1900 | 0.00 | 293 | -- | -- | 0.20 | 6.9 |
| 30 2200 | 2.24 | 083 | -- | -- | 0.20 | 6.9 |
| 31 100 | 1.34 | 084 | -- | -- | 0.26 | 6.9 |
| 31 400 | 0.00 | 078 | -- | -- | 0.21 | 6.9 |
| 31 700 | 0.00 | 212 | -- | -- | 0.17 | 6.4 |
| 31 1000 | 0.00 | 219 | -- | -- | 0.19 | 6.9 |
| 31 1300 | 0.00 | 160 | -- | -- | 0.24 | 6.4 |
| 31 1600 | 0.00 | 282 | -- | -- | 0.20 | 6.9 |
| 31 1900 | 0.00 | 046 | -- | -- | 0.17 | 6.4 |
| 31 2200 | 0.45 | 112 | -- | -- | 0.17 | 6.4 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | 0.00 | 115 | -- | -- | 0.21 | 6.0 |
| 1 400 | 0.45 | 190 | -- | -- | 0.23 | 6.4 |
| 1 700 | 0.45 | 197 | -- | -- | 0.18 | 6.4 |
| 1 1000 | 0.45 | 195 | -- | -- | 0.19 | 6.4 |
| 1 1300 | 0.00 | 031 | -- | -- | 0.21 | 5.0 |
| 1 1600 | 0.00 | 108 | -- | -- | 0.19 | 6.0 |
| 1 1900 | 0.00 | 125 | -- | -- | 0.14 | 6.0 |
| 1 2200 | 0.45 | 143 | -- | -- | 0.15 | 6.4 |
| 2 100 | 0.00 | 164 | -- | -- | 0.17 | 5.6 |
| 2 400 | 0.00 | 114 | -- | -- | -- | -- |
| 2 700 | 0.00 | 104 | -- | -- | 0.16 | 6.4 |
| 2 1000 | 0.00 | 101 | -- | -- | 0.15 | 6.4 |
| 2 1300 | 0.00 | 091 | -- | -- | 0.17 | 14.2 |
| 2 1600 | 0.00 | 086 | -- | -- | 0.17 | 14.2 |
| 2 1900 | 0.00 | 170 | -- | -- | 0.15 | 14.2 |
| 2 2200 | 0.45 | 131 | -- | -- | 0.13 | 14.2 |
| 3 100 | 2.24 | 131 | -- | -- | 0.17 | 14.2 |
| 3 400 | 2.68 | 121 | -- | -- | 0.20 | 14.2 |
| 3 700 | 0.00 | 128 | -- | -- | 0.19 | 5.3 |
| 3 1000 | 0.00 | 174 | -- | -- | 0.17 | 14.2 |
| 3 1300 | 0.45 | 203 | -- | -- | 0.22 | 5.0 |
| 3 1600 | 0.00 | 121 | -- | -- | 0.26 | 4.5 |
| 3 1900 | 0.00 | 143 | -- | -- | 0.20 | 4.3 |
| 3 2200 | 0.00 | 101 | -- | -- | 0.17 | 14.2 |
| 4 100 | 0.00 | 043 | -- | -- | 0.17 | 14.2 |
| 4 400 | 0.00 | 135 | -- | -- | -- | -- |
| 4 700 | 0.00 | 159 | -- | -- | -- | -- |
| 4 1000 | 0.89 | 269 | -- | -- | 0.16 | 14.2 |
| 4 1300 | 2.24 | 320 | -- | -- | 0.16 | 14.2 |
| 4 1600 | 1.34 | 290 | -- | -- | 0.16 | 14.2 |
| 4 1900 | 0.00 | 136 | -- | -- | 0.16 | 12.3 |
| 4 2200 | 3.13 | 279 | -- | -- | 0.15 | 16.8 |
| 5 100 | 4.92 | 315 | -- | -- | 0.16 | 14.2 |
| 5 400 | 3.13 | 313 | -- | -- | -- | -- |
| 5 700 | 3.58 | 305 | -- | -- | 0.16 | 14.2 |
| 5 1000 | 1.79 | 331 | -- | -- | 0.13 | 16.8 |
| 5 1300 | 0.89 | 029 | -- | -- | 0.13 | 14.2 |
| 5 1600 | 0.00 | 032 | -- | -- | 0.14 | 14.2 |
| 5 1900 | 0.45 | 009 | -- | -- | 0.13 | 14.2 |
| 5 2200 | 0.89 | 049 | -- | -- | -- | -- |
| 6 100 | 1.79 | 067 | -- | -- | -- | -- |
| 6 400 | 0.00 | 094 | -- | -- | 0.15 | 14.2 |
| 6 700 | 0.00 | 139 | -- | -- | 0.15 | 14.2 |
| 6 1000 | 0.00 | 160 | -- | -- | 0.15 | 14.2 |
| 6 1300 | 0.00 | 146 | -- | -- | 0.16 | 5.6 |
| 6 1600 | 0.00 | 135 | -- | -- | 0.18 | 4.8 |
| 6 1900 | 0.00 | 273 | -- | -- | 0.20 | 5.3 |
| 6 2200 | 0.00 | 081 | -- | -- | 0.23 | 5.0 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 7 100 | 0.00 | 074 | -- | -- | 0.18 | 5.3 |
| 7 400 | 0.45 | 204 | -- | -- | 0.16 | 5.0 |
| 7 700 | 3.13 | 304 | -- | -- | 0.17 | 5.0 |
| 7 1000 | 0.89 | 280 | -- | -- | 0.16 | 4.1 |
| 7 1300 | 1.79 | 304 | -- | -- | -- | -- |
| 7 1600 | 4.02 | 307 | -- | -- | -- | -- |
| 7 1900 | 0.89 | 329 | -- | -- | -- | -- |
| 7 2200 | 1.79 | 028 | -- | -- | -- | -- |
| 8 100 | 1.79 | 036 | -- | -- | 0.13 | 16.8 |
| 8 400 | 1.79 | 036 | -- | -- | -- | -- |
| 8 700 | 0.00 | 080 | -- | -- | 0.14 | 12.3 |
| 8 1000 | 0.45 | 064 | -- | -- | 0.14 | 14.2 |
| 8 1300 | 0.00 | 269 | -- | -- | 0.13 | 14.2 |
| 8 1600 | 0.00 | 267 | -- | -- | -- | -- |
| 8 1900 | 0.00 | 232 | -- | -- | -- | -- |
| 8 2200 | 0.00 | 145 | -- | -- | -- | -- |
| 9 100 | 0.00 | 104 | -- | -- | 0.15 | 16.8 |
| 9 400 | 0.00 | 138 | -- | -- | 0.16 | 3.3 |
| 9 700 | 2.24 | 294 | -- | -- | 0.17 | 14.2 |
| 9 1000 | 2.68 | 296 | -- | -- | 0.16 | 16.8 |
| 9 1300 | 4.02 | 311 | -- | -- | 0.18 | 9.8 |
| 9 1600 | 3.13 | 305 | -- | -- | 0.19 | 8.8 |
| 9 1900 | 4.02 | 303 | -- | -- | 0.18 | 6.9 |
| 9 2200 | 4.92 | 315 | -- | -- | 0.20 | 8.8 |
| 10 100 | 7.60 | 324 | -- | -- | 0.22 | 8.9 |
| 10 400 | 3.58 | 315 | -- | -- | -- | -- |
| 10 700 | 2.24 | 300 | -- | -- | 0.20 | 8.8 |
| 10 1000 | 0.89 | 272 | -- | -- | 0.20 | 8.1 |
| 10 1300 | 3.13 | 301 | -- | -- | 0.18 | 8.9 |
| 10 1600 | 1.79 | 284 | -- | -- | 0.15 | 9.8 |
| 10 1900 | 0.89 | 303 | -- | -- | 0.16 | 6.9 |
| 10 2200 | 0.45 | 169 | -- | -- | 0.15 | 6.4 |
| 11 100 | 0.00 | 132 | -- | -- | 0.17 | 14.2 |
| 11 400 | 0.00 | 142 | -- | -- | -- | -- |
| 11 700 | 1.79 | 293 | -- | -- | 0.14 | 16.8 |
| 11 1000 | 0.00 | 094 | -- | -- | 0.16 | 16.8 |
| 11 1300 | 0.00 | 173 | -- | -- | 0.16 | 16.8 |
| 11 1600 | 4.47 | 310 | -- | -- | -- | -- |
| 11 1900 | 3.13 | 313 | -- | -- | -- | -- |
| 11 2200 | 5.36 | 308 | -- | -- | 0.14 | 16.8 |
| 12 100 | 4.47 | 317 | -- | -- | 0.16 | 16.8 |
| 12 400 | 2.68 | 325 | -- | -- | 0.13 | 16.8 |
| 12 700 | 4.92 | 310 | -- | -- | 0.13 | 16.8 |
| 12 1000 | 5.36 | 314 | -- | -- | 0.15 | 14.2 |
| 12 1300 | 6.26 | 300 | -- | -- | 0.15 | 14.2 |
| 12 1600 | 7.60 | 305 | -- | -- | 0.14 | 16.8 |
| 12 1900 | 7.15 | 310 | -- | -- | 0.23 | 14.2 |
| 12 2200 | 3.13 | 314 | -- | -- | 0.14 | 14.2 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 400 | 3.58 | 325 | -- | -- | 0.18 | 16.8 |
| 13 700 | 0.45 | 205 | -- | -- | -- | -- |
| 13 1000 | 4.02 | 304 | -- | -- | 0.16 | 14.2 |
| 13 1300 | 3.58 | 305 | -- | -- | -- | -- |
| 13 1600 | 2.68 | 301 | -- | -- | 0.14 | 14.2 |
| 13 1900 | 3.58 | 297 | -- | -- | 0.14 | 14.2 |
| 13 2200 | 0.00 | 132 | -- | -- | 0.16 | 14.2 |
| 14 100 | 0.00 | 164 | -- | -- | 0.18 | 14.2 |
| 14 400 | 0.00 | 131 | -- | -- | 0.17 | 16.8 |
| 14 700 | 0.45 | 118 | -- | -- | 0.15 | 14.2 |
| 14 1000 | 0.89 | 265 | -- | -- | 0.15 | 14.2 |
| 14 1300 | 0.45 | 297 | -- | -- | 0.17 | 16.8 |
| 14 1600 | 1.79 | 297 | -- | -- | 0.15 | 16.8 |
| 14 1900 | 0.00 | 300 | -- | -- | -- | -- |
| 14 2200 | 0.89 | 145 | -- | -- | -- | -- |
| 15 100 | 0.00 | 148 | -- | -- | -- | -- |
| 15 400 | 0.00 | 073 | -- | -- | 0.19 | 6.0 |
| 15 700 | 0.00 | 252 | -- | -- | -- | -- |
| 15 1000 | 1.79 | 269 | -- | -- | 0.17 | 6.0 |
| 15 1300 | 0.89 | 274 | -- | -- | 0.19 | 16.8 |
| 15 1600 | 0.00 | 269 | -- | -- | 0.18 | 5.0 |
| 15 1900 | 0.00 | 212 | -- | -- | 0.14 | 7.4 |
| 15 2200 | 0.00 | 145 | -- | -- | 0.14 | 12.3 |
| 16 100 | 0.89 | 074 | -- | -- | -- | -- |
| 16 400 | 0.45 | 064 | -- | -- | -- | -- |
| 16 700 | 0.00 | 093 | -- | -- | 0.16 | 20.5 |
| 16 1000 | 0.00 | 277 | -- | -- | 0.16 | 6.4 |
| 16 1300 | 0.00 | 263 | -- | -- | 0.17 | 5.6 |
| 16 1600 | 0.00 | 256 | -- | -- | 0.17 | 16.8 |
| 16 1900 | 0.00 | 067 | -- | -- | -- | -- |
| 16 2200 | 1.79 | 086 | -- | -- | -- | -- |
| 17 100 | 2.24 | 080 | -- | -- | 0.16 | 16.8 |
| 17 400 | 3.13 | 074 | -- | -- | 0.20 | 16.8 |
| 17 700 | 1.79 | 356 | -- | -- | 0.18 | 16.8 |
| 17 1000 | 1.34 | 327 | -- | -- | 0.16 | 16.8 |
| 17 1300 | 0.45 | 102 | -- | -- | 0.16 | 10.9 |
| 17 1600 | 0.00 | 228 | -- | -- | 0.16 | 16.8 |
| 17 1900 | 1.34 | 216 | -- | -- | 0.17 | 16.8 |
| 17 2200 | 2.68 | 204 | -- | -- | 0.19 | 2.2 |
| 18 100 | 0.45 | 131 | -- | -- | 0.17 | 2.1 |
| 18 400 | 3.58 | 194 | -- | -- | 0.28 | 2.3 |
| 18 700 | 2.68 | 191 | -- | -- | -- | -- |
| 18 1000 | 2.24 | 146 | -- | -- | -- | -- |
| 18 1300 | 1.79 | 108 | -- | -- | 0.23 | 2.7 |
| 18 1600 | 0.45 | 107 | -- | -- | 0.20 | 16.8 |
| 18 1900 | 0.00 | 170 | -- | -- | 0.22 | 4.5 |
| 18 2200 | 1.79 | 131 | -- | -- | 0.21 | 3.8 |
| 19 100 | 1.34 | 129 | -- | -- | 0.29 | 5.0 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 019 | -- | -- | 0.43 | 6.0 |
| 19 700 | 5.36 | 310 | -- | -- | -- | -- |
| 19 1000 | 4.47 | 308 | -- | -- | 0.25 | 7.4 |
| 19 1300 | 1.79 | 298 | -- | -- | 0.28 | 8.1 |
| 19 1600 | 2.24 | 287 | -- | -- | 0.24 | 6.4 |
| 19 1900 | 2.24 | 304 | -- | -- | 0.21 | 16.8 |
| 19 2200 | 3.13 | 315 | -- | -- | 0.20 | 16.8 |
| 20 100 | 4.92 | 311 | -- | -- | 0.26 | 8.1 |
| 20 400 | 1.79 | 132 | -- | -- | -- | -- |
| 20 700 | 0.00 | 160 | -- | -- | 0.27 | 8.1 |
| 20 1000 | 0.45 | 280 | -- | -- | 0.21 | 16.8 |
| 20 1300 | 0.00 | 274 | -- | -- | 0.20 | 7.4 |
| 20 1600 | 0.00 | 289 | -- | -- | 0.20 | 7.4 |
| 20 1900 | 0.00 | 215 | -- | -- | 0.21 | 7.4 |
| 20 2200 | 0.00 | 190 | -- | -- | 0.17 | 2.2 |
| 21 100 | 1.34 | 186 | -- | -- | 0.21 | 16.8 |
| 21 400 | 3.13 | 157 | -- | -- | 0.27 | 2.7 |
| 21 700 | 2.68 | 166 | -- | -- | 0.29 | 6.9 |
| 21 1000 | 1.79 | 153 | -- | -- | 0.25 | 7.4 |
| 21 1300 | 0.00 | 181 | -- | -- | 0.18 | 6.9 |
| 21 1600 | 0.00 | 097 | -- | -- | 0.18 | 14.2 |
| 21 1900 | 1.79 | 166 | -- | -- | 0.22 | 4.8 |
| 21 2200 | 2.24 | 173 | -- | -- | 0.23 | 4.1 |
| 22 100 | 5.36 | 143 | -- | -- | -- | -- |
| 22 400 | 3.13 | 155 | -- | -- | 0.35 | 3.8 |
| 22 700 | 0.00 | 294 | -- | -- | 0.35 | 5.3 |
| 22 1000 | 3.13 | 315 | -- | -- | 0.28 | 5.6 |
| 22 1300 | 2.68 | 307 | -- | -- | 0.24 | 5.6 |
| 22 1600 | 3.58 | 297 | -- | -- | 0.22 | 5.6 |
| 22 1900 | 4.47 | 300 | -- | -- | 0.19 | 4.2 |
| 22 2200 | 4.47 | 305 | -- | -- | 0.22 | 8.8 |
| 23 100 | 6.71 | 296 | -- | -- | 0.25 | 8.1 |
| 23 400 | 2.24 | 310 | -- | -- | 0.21 | 8.1 |
| 23 700 | 1.79 | 314 | -- | -- | -- | -- |
| 23 1000 | 0.89 | 296 | -- | -- | 0.22 | 6.4 |
| 23 1300 | 0.45 | 286 | -- | -- | 0.17 | 6.9 |
| 23 1600 | 0.00 | 170 | -- | -- | 0.16 | 14.2 |
| 23 1900 | 0.89 | 321 | -- | -- | -- | -- |
| 23 2200 | 0.00 | 195 | -- | -- | 0.18 | 20.5 |
| 24 100 | 0.00 | 088 | -- | -- | 0.14 | 20.5 |
| 24 400 | 0.45 | 063 | -- | -- | 0.14 | 14.2 |
| 24 700 | 0.00 | 108 | -- | -- | 0.17 | 14.2 |
| 24 1000 | 0.00 | 200 | -- | -- | 0.15 | 20.5 |
| 24 1300 | 0.00 | 215 | -- | -- | 0.16 | 20.5 |
| 24 1600 | 0.45 | 201 | -- | -- | 0.16 | 2.4 |
| 24 1900 | 4.02 | 205 | -- | -- | 0.25 | 3.1 |
| 24 2200 | 4.47 | 227 | -- | -- | 0.38 | 2.4 |
| 25 100 | 7.15 | 212 | -- | -- | 0.37 | 2.5 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 700 | 3.58 | 229 | -- | -- | 0.32 | 2.3 |
| 25 1000 | 3.58 | 241 | -- | -- | 0.37 | 16.8 |
| 25 1300 | 2.24 | 215 | -- | -- | 0.26 | 16.8 |
| 25 1600 | 0.00 | 256 | -- | -- | 0.16 | 16.8 |
| 25 1900 | 5.36 | 287 | -- | -- | 0.24 | 2.3 |
| 25 2200 | 12.52 | 303 | -- | -- | 0.39 | 3.0 |
| 26 100 | 12.52 | 300 | -- | -- | -- | -- |
| 26 400 | 12.96 | 296 | -- | -- | 0.37 | 2.1 |
| 26 700 | 14.31 | 304 | -- | -- | 0.52 | 2.4 |
| 26 1000 | 19.22 | 305 | -- | -- | 0.77 | 2.8 |
| 26 1300 | 11.62 | 315 | -- | -- | 0.42 | 2.1 |
| 26 1600 | 16.54 | 328 | -- | -- | 0.35 | 2.1 |
| 26 1900 | 21.46 | 318 | -- | -- | 0.71 | 3.0 |
| 26 2200 | 20.56 | 311 | -- | -- | 0.79 | 3.1 |
| 27 100 | 12.52 | 308 | -- | -- | -- | -- |
| 27 400 | 5.81 | 313 | -- | -- | 0.28 | 2.1 |
| 27 700 | 7.60 | 310 | -- | -- | 0.25 | 2.1 |
| 27 1000 | 1.34 | 269 | -- | -- | 0.19 | 16.8 |
| 27 1300 | 3.58 | 311 | -- | -- | 0.19 | 16.8 |
| 27 1600 | 0.45 | 289 | -- | -- | 0.14 | 16.8 |
| 27 1900 | 0.00 | 300 | -- | -- | -- | -- |
| 27 2200 | 0.45 | 031 | -- | -- | 0.15 | 14.2 |
| 28 100 | 2.68 | 320 | -- | -- | 0.16 | 14.2 |
| 28 400 | 1.79 | 155 | -- | -- | -- | -- |
| 28 700 | 0.00 | 001 | -- | -- | -- | -- |
| 28 1000 | 0.89 | 308 | -- | -- | -- | -- |
| 28 1300 | 0.00 | 001 | -- | -- | -- | -- |
| 28 1600 | 0.00 | 001 | -- | -- | -- | -- |
| 28 1900 | 0.00 | 284 | -- | -- | 0.18 | 16.8 |
| 28 2200 | 0.00 | 001 | -- | -- | -- | -- |
| 29 100 | 0.00 | 177 | -- | -- | -- | -- |
| 29 400 | 0.00 | 001 | -- | -- | -- | -- |
| 29 700 | 0.00 | 001 | -- | -- | 0.18 | 14.2 |
| 29 1000 | 0.00 | 001 | -- | -- | 0.19 | 16.8 |
| 29 1300 | 0.00 | 001 | -- | -- | -- | -- |
| 29 1600 | 0.00 | 001 | -- | -- | -- | -- |
| 29 1900 | 1.34 | 172 | -- | -- | -- | -- |
| 29 2200 | 0.00 | 001 | -- | -- | -- | -- |
| 30 100 | 0.00 | 001 | -- | -- | -- | -- |
| 30 400 | 0.00 | 001 | -- | -- | -- | -- |
| 30 700 | 4.47 | 305 | -- | -- | 0.15 | 14.2 |
| 30 1000 | 6.71 | 303 | -- | -- | 0.16 | 14.2 |
| 30 1300 | 7.15 | 308 | -- | -- | 0.27 | 2.0 |
| 30 1600 | 7.15 | 305 | -- | -- | 0.27 | 2.0 |
| 30 1900 | 9.83 | 314 | -- | -- | 0.27 | 2.1 |
| 30 2200 | 8.05 | 314 | -- | -- | 0.32 | 2.0 |
| 31 100 | 6.26 | 325 | -- | -- | 0.20 | 10.9 |
| 31 400 | 8.49 | 314 | -- | -- | 0.22 | 8.2 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 700 | 4.92 | 324 | -- | -- | 0.17 | 9.8 |
| 31 1000 | 4.47 | 305 | -- | -- | 0.17 | 8.2 |
| 31 1300 | 3.58 | 310 | -- | -- | 0.15 | 6.9 |
| 31 1600 | 3.58 | 322 | -- | -- | 0.17 | 14.2 |
| 31 1900 | 6.71 | 321 | -- | -- | 0.17 | 8.6 |
| 31 2200 | 8.05 | 318 | -- | -- | 0.18 | 14.2 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | -- | -- | -- | -- | 0.19 | 7.4 |
| 1 100 | 8.94 | 321 | -- | -- | -- | -- |
| 1 400 | 4.47 | 320 | -- | -- | 0.17 | 6.9 |
| 1 700 | 2.68 | 317 | -- | -- | 0.16 | 14.2 |
| 1 1000 | 3.58 | 308 | -- | -- | 0.15 | 14.2 |
| 1 1300 | 6.26 | 317 | -- | -- | 0.15 | 14.2 |
| 1 1600 | 7.60 | 317 | -- | -- | 0.23 | 2.1 |
| 1 1900 | 8.05 | 313 | -- | -- | 0.23 | 14.2 |
| 1 2200 | 3.13 | 349 | -- | -- | 0.14 | 14.2 |
| 2 100 | 1.79 | 022 | -- | -- | 0.17 | 6.9 |
| 2 400 | 1.79 | 022 | -- | -- | 0.18 | 6.4 |
| 2 700 | 0.45 | 004 | -- | -- | 0.15 | 6.4 |
| 2 1000 | 0.89 | 308 | -- | -- | 0.14 | 6.0 |
| 2 1300 | 1.79 | 307 | -- | -- | 0.13 | 14.2 |
| 2 1600 | 1.34 | 307 | -- | -- | 0.15 | 5.3 |
| 2 1900 | 0.89 | 307 | -- | -- | 0.15 | 5.0 |
| 2 2200 | 0.45 | 054 | -- | -- | -- | -- |
| 3 100 | 1.79 | 091 | -- | -- | 0.16 | 12.3 |
| 3 400 | 0.00 | 172 | -- | -- | 0.19 | 14.2 |
| 3 700 | 0.00 | 235 | -- | -- | 0.17 | 12.3 |
| 3 1000 | 4.47 | 301 | -- | -- | 0.16 | 14.2 |
| 3 1300 | 6.71 | 301 | -- | -- | 0.19 | 12.3 |
| 3 1600 | 9.39 | 313 | -- | -- | 0.17 | 12.3 |
| 3 1900 | 6.71 | 311 | -- | -- | 0.21 | 12.3 |
| 3 2200 | 4.92 | 308 | -- | -- | 0.17 | 12.3 |
| 4 100 | 5.36 | 346 | -- | -- | 0.26 | 10.9 |
| 4 400 | 4.92 | 345 | -- | -- | 0.43 | 8.8 |
| 4 700 | 0.89 | 317 | -- | -- | 0.51 | 8.1 |
| 4 1000 | 3.13 | 338 | -- | -- | 0.49 | 12.3 |
| 4 1300 | 2.68 | 325 | -- | -- | 0.39 | 10.9 |
| 4 1600 | 2.24 | 348 | -- | -- | 0.35 | 10.9 |
| 4 1900 | 1.79 | 011 | -- | -- | 0.36 | 10.9 |
| 4 2200 | 1.34 | 043 | -- | -- | 0.38 | 8.1 |
| 5 100 | 1.79 | 066 | -- | -- | 0.32 | 9.8 |
| 5 400 | 1.79 | 067 | -- | -- | 0.33 | 6.9 |
| 5 700 | 0.45 | 056 | -- | -- | 0.36 | 8.8 |
| 5 1000 | 0.00 | 056 | -- | -- | 0.37 | 8.1 |
| 5 1300 | 0.00 | 032 | -- | -- | 0.42 | 8.8 |
| 5 1600 | 0.00 | 056 | -- | -- | 0.42 | 8.8 |
| 5 1900 | 0.89 | 046 | -- | -- | 0.45 | 9.8 |
| 5 2200 | 2.24 | 081 | -- | -- | 0.48 | 9.8 |
| 6 100 | 1.34 | 111 | -- | -- | 0.40 | 8.8 |
| 6 400 | 0.89 | 094 | -- | -- | 0.35 | 8.1 |
| 6 700 | 0.89 | 094 | -- | -- | 0.45 | 7.4 |
| 6 1000 | 0.00 | 093 | -- | -- | 0.45 | 8.1 |
| 6 1300 | 0.45 | 056 | -- | -- | 0.34 | 8.8 |
| 6 1600 | 0.45 | 053 | -- | -- | 0.30 | 8.1 |
| 6 1900 | 0.00 | 104 | -- | -- | 0.30 | 8.1 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 6 2200 | 0.89 | 132 | -- | -- | 0.35 | 8.1 |
| 7 100 | 0.89 | 145 | -- | -- | -- | -- |
| 7 400 | 0.45 | 122 | -- | -- | 0.24 | 8.1 |
| 7 700 | 0.00 | 107 | -- | -- | 0.25 | 6.9 |
| 7 1000 | 0.00 | 095 | -- | -- | 0.29 | 6.9 |
| 7 1300 | 0.00 | 215 | -- | -- | 0.25 | 6.9 |
| 7 1600 | 0.00 | 242 | -- | -- | 0.17 | 8.1 |
| 7 1900 | 4.02 | 126 | -- | -- | 0.23 | 6.4 |
| 7 2200 | 4.47 | 142 | -- | -- | 0.36 | 2.9 |
| 8 100 | 4.92 | 139 | -- | -- | 0.39 | 3.0 |
| 8 400 | 4.92 | 136 | -- | -- | 0.34 | 3.6 |
| 8 700 | 6.26 | 128 | -- | -- | 0.44 | 3.6 |
| 8 1000 | 6.71 | 128 | -- | -- | 0.60 | 4.8 |
| 8 1300 | 8.94 | 128 | -- | -- | 0.79 | 4.8 |
| 8 1600 | 5.81 | 111 | -- | -- | 0.61 | 5.0 |
| 8 1900 | 1.79 | 119 | -- | -- | 0.43 | 6.0 |
| 8 2200 | 1.34 | 111 | -- | -- | 0.39 | 5.6 |
| 9 100 | 1.79 | 114 | -- | -- | 0.37 | 6.0 |
| 9 400 | 0.45 | 093 | -- | -- | 0.26 | 5.6 |
| 9 700 | 0.00 | 070 | -- | -- | 0.24 | 5.0 |
| 9 1000 | 0.45 | 031 | -- | -- | 0.35 | 6.0 |
| 9 1300 | 0.89 | 315 | -- | -- | 0.40 | 7.4 |
| 9 1600 | 2.24 | 308 | -- | -- | 0.31 | 26.3 |
| 9 1900 | 2.24 | 314 | -- | -- | 0.25 | 6.9 |
| 9 2200 | 2.24 | 043 | -- | -- | 0.28 | 6.9 |
| 10 100 | 2.24 | 015 | -- | -- | 0.28 | 8.1 |
| 10 400 | 1.34 | 012 | -- | -- | 0.20 | 8.1 |
| 10 700 | 1.79 | 310 | -- | -- | 0.18 | 7.4 |
| 10 1000 | 4.92 | 310 | -- | -- | 0.81 | 26.3 |
| 10 1300 | 3.58 | 290 | -- | -- | 1.15 | 26.3 |
| 10 1600 | 0.89 | 245 | -- | -- | 1.30 | 26.3 |
| 10 1900 | 4.47 | 301 | -- | -- | 0.15 | 5.6 |
| 10 2200 | 4.47 | 298 | -- | -- | 0.17 | 5.3 |
| 11 100 | 5.36 | 298 | -- | -- | 0.20 | 8.1 |
| 11 400 | 6.71 | 310 | -- | -- | 0.19 | 6.4 |
| 11 700 | 5.36 | 311 | -- | -- | 0.18 | 14.2 |
| 11 1000 | 4.02 | 289 | -- | -- | 1.43 | 26.3 |
| 11 1300 | 4.02 | 293 | -- | -- | 1.39 | 26.3 |
| 11 1600 | 0.89 | 279 | -- | -- | 1.36 | 26.3 |
| 11 1900 | 0.89 | 277 | -- | -- | -- | -- |
| 11 2200 | 0.45 | 160 | -- | -- | -- | -- |
| 12 100 | 1.79 | 102 | -- | -- | -- | -- |
| 12 400 | 4.47 | 153 | -- | -- | -- | -- |
| 12 700 | 1.79 | 164 | -- | -- | 0.19 | 2.2 |
| 12 1000 | 0.45 | 149 | -- | -- | 1.33 | 26.3 |
| 12 1300 | 0.00 | 210 | -- | -- | 1.35 | 26.3 |
| 12 1600 | 0.45 | 181 | -- | -- | 1.26 | 26.3 |
| 12 1900 | 0.00 | 236 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 13 100 | 0.00 | 143 | -- | -- | -- | -- |
| 13 400 | 3.13 | 136 | -- | -- | 0.24 | 2.4 |
| 13 700 | 0.00 | 297 | -- | -- | 1.30 | 26.3 |
| 13 1000 | 0.45 | 107 | -- | -- | 1.19 | 26.3 |
| 13 1300 | 0.00 | 093 | -- | -- | 1.13 | 26.3 |
| 13 1600 | 3.58 | 114 | -- | -- | 1.16 | 26.3 |
| 13 1900 | 2.68 | 101 | -- | -- | 0.32 | 4.5 |
| 13 2200 | 4.92 | 094 | -- | -- | 0.52 | 6.0 |
| 14 100 | 8.05 | 087 | -- | -- | -- | -- |
| 14 400 | 9.39 | 071 | -- | -- | 0.87 | 7.4 |
| 14 700 | 11.62 | 078 | -- | -- | 1.66 | 26.3 |
| 14 1000 | 7.15 | 071 | -- | -- | 1.52 | 26.3 |
| 14 1300 | 4.92 | 081 | -- | -- | 1.54 | 26.3 |
| 14 1600 | 4.47 | 138 | -- | -- | 1.42 | 26.3 |
| 14 1900 | 1.79 | 083 | -- | -- | -- | -- |
| 14 2200 | 0.89 | 052 | -- | -- | 0.82 | 10.9 |
| 15 100 | 0.00 | 074 | -- | -- | 1.06 | 10.9 |
| 15 400 | 0.89 | 083 | -- | -- | -- | -- |
| 15 700 | 0.00 | 093 | -- | -- | 1.18 | 26.3 |
| 15 1000 | 0.45 | 129 | -- | -- | 1.21 | 26.3 |
| 15 1300 | 0.45 | 070 | -- | -- | 1.33 | 26.3 |
| 15 1600 | 0.89 | 074 | -- | -- | 1.34 | 26.3 |
| 15 1900 | 0.89 | 070 | -- | -- | 0.73 | 9.8 |
| 15 2200 | 2.24 | 062 | -- | -- | -- | -- |
| 16 100 | 2.68 | 064 | -- | -- | -- | -- |
| 16 400 | 4.47 | 053 | -- | -- | 0.76 | 8.8 |
| 16 700 | 2.68 | 033 | -- | -- | 1.07 | 26.3 |
| 16 1000 | 4.47 | 036 | -- | -- | 1.07 | 26.3 |
| 16 1300 | 2.24 | 352 | -- | -- | 1.00 | 26.3 |
| 16 1600 | 2.68 | 043 | -- | -- | 1.00 | 26.3 |
| 16 1900 | 2.24 | 039 | -- | -- | 0.52 | 8.1 |
| 16 2200 | 0.89 | 016 | -- | -- | 0.42 | 8.1 |
| 17 100 | 0.89 | 043 | -- | -- | 0.48 | 8.1 |
| 17 400 | 0.89 | 045 | -- | -- | 0.46 | 8.1 |
| 17 700 | 0.00 | 334 | -- | -- | 0.90 | 26.3 |
| 17 1000 | 0.00 | 266 | -- | -- | 0.75 | 26.3 |
| 17 1300 | 0.00 | 252 | -- | -- | 0.76 | 26.3 |
| 17 1600 | 0.00 | 294 | -- | -- | 0.78 | 26.3 |
| 17 1900 | 0.00 | 291 | -- | -- | 0.30 | 8.1 |
| 17 2200 | 0.00 | 173 | -- | -- | 0.31 | 7.4 |
| 18 100 | 0.45 | 141 | -- | -- | -- | -- |
| 18 400 | 0.00 | 000 | -- | -- | 0.41 | 7.4 |
| 18 700 | 0.00 | 143 | -- | -- | 0.79 | 26.3 |
| 18 1000 | 1.79 | 317 | -- | -- | 0.68 | 26.3 |
| 18 1300 | 0.45 | 328 | -- | -- | 0.69 | 26.3 |
| 18 1600 | 0.00 | 277 | -- | -- | 0.66 | 26.3 |
| 18 1900 | 0.00 | 273 | -- | -- | 0.20 | 6.9 |
| 18 2200 | 0.00 | 241 | -- | -- | 0.17 | 6.9 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 19 100 | 0.00 | 121 | -- | -- | 0.19 | 7.4 |
| 19 400 | 0.00 | 186 | -- | -- | -- | -- |
| 19 700 | 1.34 | 252 | -- | -- | -- | -- |
| 19 1000 | 0.89 | 280 | -- | -- | 0.51 | 26.3 |
| 19 1300 | 0.00 | 286 | -- | -- | 0.45 | 26.3 |
| 19 1600 | 0.00 | 286 | -- | -- | 0.42 | 26.3 |
| 19 1900 | 0.45 | 276 | -- | -- | 0.14 | 6.0 |
| 19 2200 | 0.00 | 238 | -- | -- | 0.18 | 16.6 |
| 20 100 | 4.92 | 310 | -- | -- | 0.18 | 14.2 |
| 20 400 | 4.47 | 301 | -- | -- | 0.29 | 2.1 |
| 20 700 | 4.92 | 311 | -- | -- | -- | -- |
| 20 1000 | 0.89 | 263 | -- | -- | 0.41 | 26.3 |
| 20 1300 | 0.45 | 248 | -- | -- | 0.37 | 26.3 |
| 20 1600 | 7.60 | 297 | -- | -- | 0.48 | 26.3 |
| 20 1900 | 2.24 | 294 | -- | -- | 0.20 | 2.0 |
| 20 2200 | 6.26 | 324 | -- | -- | 0.20 | 14.2 |
| 21 100 | 5.36 | 307 | -- | -- | -- | -- |
| 21 400 | 1.34 | 298 | -- | -- | 0.17 | 12.3 |
| 21 700 | 0.00 | 317 | -- | -- | 0.20 | 2.1 |
| 21 1000 | 0.45 | 279 | -- | -- | 0.17 | 12.3 |
| 21 1300 | 0.00 | 284 | -- | -- | 0.16 | 14.2 |
| 21 1600 | 0.00 | 267 | -- | -- | -- | -- |
| 21 1900 | 0.00 | 266 | -- | -- | 0.17 | 14.2 |
| 21 2200 | 0.00 | 104 | -- | -- | 0.21 | 2.9 |
| 22 100 | 4.92 | 153 | -- | -- | -- | -- |
| 22 400 | 3.58 | 149 | -- | -- | -- | -- |
| 22 700 | 5.36 | 152 | -- | -- | -- | -- |
| 22 1000 | 5.36 | 142 | -- | -- | -- | -- |
| 22 1300 | 7.60 | 135 | -- | -- | 0.88 | 4.1 |
| 22 1600 | 7.60 | 142 | -- | -- | 0.80 | 4.3 |
| 22 1900 | 8.94 | 146 | -- | -- | -- | -- |
| 22 2200 | 8.94 | 141 | -- | -- | -- | -- |
| 23 100 | 8.05 | 150 | -- | -- | -- | -- |
| 23 400 | 11.18 | 150 | -- | -- | -- | -- |
| 23 700 | 10.73 | 142 | -- | -- | -- | -- |
| 23 1000 | 9.39 | 143 | -- | -- | -- | -- |
| 23 1300 | 8.94 | 129 | -- | -- | 1.43 | 6.9 |
| 23 1600 | 5.36 | 107 | -- | -- | 1.02 | 7.4 |
| 23 1900 | 7.60 | 088 | -- | -- | 1.05 | 7.4 |
| 23 2200 | 2.68 | 107 | -- | -- | 1.07 | 8.1 |
| 24 100 | 2.24 | 094 | -- | -- | -- | -- |
| 24 400 | 0.89 | 053 | -- | -- | 0.66 | 8.1 |
| 24 700 | 0.45 | 011 | -- | -- | 0.71 | 8.1 |
| 24 1000 | 0.00 | 059 | -- | -- | -- | -- |
| 24 1300 | 0.00 | 159 | -- | -- | -- | -- |
| 24 1600 | 1.79 | 231 | -- | -- | -- | -- |
| 24 1900 | 0.00 | 148 | -- | -- | -- | -- |
| 24 2200 | 0.00 | 083 | -- | -- | -- | -- |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 25 400 | 0.89 | 197 | -- | -- | -- | -- |
| 25 700 | 1.79 | 325 | -- | -- | -- | -- |
| 25 1000 | 0.00 | 088 | -- | -- | -- | -- |
| 25 1300 | 0.00 | 258 | -- | -- | -- | -- |
| 25 1600 | 0.00 | 249 | -- | -- | -- | -- |
| 25 1900 | 0.00 | 260 | -- | -- | -- | -- |
| 25 2200 | 0.00 | 073 | -- | -- | -- | -- |
| 26 100 | 3.58 | 150 | -- | -- | -- | -- |
| 26 400 | 3.58 | 142 | -- | -- | -- | -- |
| 26 700 | 4.02 | 136 | -- | -- | 0.41 | 2.0 |
| 26 1000 | 5.36 | 139 | -- | -- | -- | -- |
| 26 1300 | 4.47 | 114 | -- | -- | -- | -- |
| 26 1600 | 6.71 | 122 | -- | -- | -- | -- |
| 26 1900 | 7.60 | 129 | -- | -- | 0.77 | 3.0 |
| 26 2200 | 5.36 | 131 | -- | -- | -- | -- |
| 27 100 | 2.68 | 109 | -- | -- | -- | -- |
| 27 400 | 1.79 | 104 | -- | -- | -- | -- |
| 27 700 | 1.79 | 098 | -- | -- | -- | -- |
| 27 1000 | 1.79 | 102 | -- | -- | -- | -- |
| 27 1300 | 2.68 | 087 | -- | -- | -- | -- |
| 27 1600 | 2.68 | 063 | -- | -- | -- | -- |
| 27 1900 | 4.02 | 070 | -- | -- | -- | -- |
| 27 2200 | 3.58 | 066 | -- | -- | -- | -- |
| 28 100 | 3.58 | 062 | -- | -- | -- | -- |
| 28 400 | 3.13 | 062 | -- | -- | -- | -- |
| 28 700 | 4.92 | 050 | -- | -- | -- | -- |
| 28 1000 | 4.02 | 036 | -- | -- | -- | -- |
| 28 1300 | 0.45 | 046 | -- | -- | -- | -- |
| 28 1600 | 3.13 | 314 | -- | -- | -- | -- |
| 28 1900 | 3.58 | 314 | -- | -- | -- | -- |
| 28 2200 | 1.34 | 305 | -- | -- | -- | -- |
| 29 100 | 0.89 | 049 | -- | -- | -- | -- |
| 29 400 | 4.47 | 014 | -- | -- | -- | -- |
| 29 700 | 5.36 | 317 | -- | -- | -- | -- |
| 29 1000 | 4.02 | 308 | -- | -- | -- | -- |
| 29 1300 | 2.24 | 298 | -- | -- | -- | -- |
| 29 1600 | 0.89 | 307 | -- | -- | -- | -- |
| 29 1900 | 0.00 | 280 | -- | -- | -- | -- |
| 29 2200 | 2.24 | 307 | -- | -- | -- | -- |
| 30 100 | 3.13 | 303 | -- | -- | -- | -- |
| 30 400 | 0.00 | 093 | -- | -- | -- | -- |
| 30 700 | 0.00 | 342 | -- | -- | -- | -- |
| 30 1000 | 0.00 | 298 | -- | -- | -- | -- |
| 30 1300 | 0.00 | 095 | -- | -- | -- | -- |
| 30 1600 | 3.13 | 100 | -- | -- | -- | -- |
| 30 1900 | 8.05 | 102 | -- | -- | -- | -- |
| 30 2200 | 3.58 | 170 | -- | -- | -- | -- |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 31 700 | 4.92 | 324 | -- | -- | 0.17 | 9.8 |
| 31 1000 | 4.47 | 305 | -- | -- | 0.17 | 8.8 |
| 31 1300 | 3.58 | 310 | -- | -- | 0.15 | 6.9 |
| 31 1600 | 3.58 | 322 | -- | -- | 0.17 | 14.2 |
| 31 1900 | 6.71 | 321 | -- | -- | 0.17 | 8.5 |
| 31 2200 | 8.05 | 318 | -- | -- | 0.18 | 14.2 |

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SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|
| 1 100 | 7.15 | 145 | -- | -- | -- | -- |
| 1 400 | 4.92 | 109 | -- | -- | -- | -- |
| 1 700 | 4.92 | 060 | -- | -- | -- | -- |
| 1 1000 | 0.89 | 023 | -- | -- | 0.78 | 8.8 |
| 1 1300 | 4.92 | 303 | -- | -- | 0.70 | 9.8 |
| 1 1600 | 5.81 | 300 | -- | -- | 0.72 | 8.1 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | ** BUOY 1 ** TP (S) | ** BUOY 2 ** HS (M) | ** BUOY 2 ** TP (S) |
|---|---|---|---|---|---|---|

Kodiak, Alaska

Summary Tables
Wind Data
October 1983 - October 1984

KODIAK, ALASKA
OCT 1983

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 0 | 3.58 | 8.05 | 1.79 | 290 | 014 | 0 |
| 1 300 | 3.58 | 8.05 | 1.79 | 291 | 008 | 0 |
| 1 600 | 4.02 | 7.60 | 1.34 | 273 | 016 | 0 |
| 1 900 | 0.45 | 2.24 | 0.45 | 239 | 028 | 0 |
| 1 1200 | 0.00 | 0.45 | 0.00 | 290 | 038 | 0 |
| 1 1500 | 0.00 | 0.45 | 0.00 | 329 | 035 | 0 |
| 1 1800 | 3.58 | 7.60 | 1.34 | 194 | 007 | 0 |
| 1 2100 | 5.36 | 9.39 | 1.79 | 195 | 004 | 0 |
| 2 0 | 9.83 | 14.31 | 2.24 | 148 | 008 | 0 |
| 2 300 | 4.92 | 8.94 | 1.79 | 112 | 009 | 0 |
| 2 600 | 0.89 | 3.13 | 0.45 | 274 | 009 | 0 |
| 2 900 | 0.89 | 3.58 | 0.45 | 282 | 025 | 0 |
| 2 1200 | 0.45 | 1.79 | 0.45 | 284 | 008 | 0 |
| 2 1500 | 5.81 | 8.94 | 1.34 | 310 | 005 | 0 |
| 2 1800 | 9.39 | 13.86 | 1.79 | 322 | 008 | 0 |
| 2 2100 | 9.39 | 19.22 | 3.58 | 324 | 007 | 0 |
| 3 0 | 10.73 | 16.99 | 2.24 | 313 | 005 | 0 |
| 3 300 | 14.75 | 20.12 | 2.68 | 318 | 005 | 0 |
| 3 600 | 15.20 | 23.25 | 2.24 | 324 | 005 | 0 |
| 3 900 | 12.96 | 20.12 | 3.13 | 318 | 007 | 0 |
| 3 1200 | 8.05 | 15.65 | 3.13 | 325 | 009 | 0 |
| 3 1500 | 6.71 | 16.54 | 3.13 | 314 | 009 | 0 |
| 3 1800 | 3.58 | 9.39 | 1.34 | 314 | 015 | 0 |
| 3 2000 | 9.39 | 14.31 | 2.68 | 322 | 009 | 0 |
| 3 2300 | 12.07 | 16.99 | 2.24 | 320 | 005 | 0 |
| 4 200 | 6.26 | 12.52 | 2.24 | 318 | 008 | 0 |
| 4 500 | 8.94 | 13.86 | 1.79 | 314 | 007 | 0 |
| 4 800 | 11.18 | 15.20 | 2.24 | 317 | 005 | 0 |
| 4 1100 | 9.39 | 14.31 | 2.24 | 328 | 007 | 0 |
| 4 1400 | 7.60 | 12.96 | 1.79 | 321 | 008 | 0 |
| 4 1700 | 8.05 | 13.86 | 2.24 | 318 | 007 | 0 |
| 4 2000 | 8.94 | 13.86 | 2.24 | 314 | 005 | 0 |
| 4 2300 | 10.28 | 14.75 | 2.24 | 322 | 005 | 0 |
| 5 200 | 7.60 | 10.73 | 0.89 | 327 | 005 | 0 |
| 5 500 | 3.13 | 7.60 | 1.79 | 305 | 007 | 0 |
| 5 800 | 5.36 | 9.83 | 1.79 | 298 | 004 | 0 |
| 5 1100 | 3.13 | 7.60 | 1.79 | 286 | 062 | 0 |
| 5 1400 | 4.92 | 9.39 | 1.79 | 313 | 007 | 0 |
| 5 1700 | 1.34 | 4.92 | 0.89 | 289 | 021 | 0 |
| 5 2000 | 0.45 | 3.13 | 0.45 | 180 | 021 | 0 |
| 5 2300 | 0.45 | 4.47 | 0.89 | 207 | 083 | 0 |
| 6 200 | 7.60 | 10.73 | 1.79 | 311 | 004 | 0 |
| 6 500 | 3.58 | 7.15 | 0.89 | 297 | 007 | 0 |
| 6 800 | 1.79 | 6.26 | 1.79 | 300 | 014 | 0 |
| 6 1100 | 0.89 | 6.71 | 1.79 | 294 | 062 | 0 |
| 6 1400 | 0.89 | 4.92 | 0.89 | 291 | 014 | 0 |
| 6 1700 | 0.00 | 2.24 | 0.45 | 269 | 042 | 0 |
| 6 2000 | 3.58 | 7.15 | 1.34 | 307 | 009 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 6 2300 | 3.13 | 6.71 | 1.34 | 273 | 015 | 0 |
| 7 200 | 6.26 | 13.86 | 3.13 | 296 | 009 | 0 |
| 7 500 | 8.94 | 13.86 | 2.24 | 322 | 007 | 0 |
| 7 800 | 12.07 | 17.88 | 2.24 | 327 | 005 | 0 |
| 7 1100 | 11.18 | 16.99 | 2.24 | 321 | 007 | 0 |
| 7 1400 | 9.39 | 16.54 | 2.24 | 314 | 011 | 1 |
| 7 1700 | 9.39 | 14.75 | 2.24 | 335 | 007 | 0 |
| 7 2000 | 10.73 | 16.54 | 2.24 | 327 | 007 | 0 |
| 7 2300 | 11.18 | 16.99 | 3.13 | 317 | 007 | 0 |
| 8 200 | 12.96 | 17.43 | 1.79 | 322 | 004 | 0 |
| 8 500 | 8.94 | 12.07 | 2.24 | 310 | 005 | 0 |
| 8 800 | 8.05 | 13.86 | 2.24 | 317 | 009 | 0 |
| 8 1100 | 4.92 | 8.05 | 1.79 | 311 | 005 | 0 |
| 8 1400 | 2.68 | 5.36 | 0.89 | 305 | 012 | 0 |
| 8 1700 | 0.00 | 1.79 | 0.45 | 290 | 021 | 0 |
| 8 2000 | 0.00 | 0.00 | 0.00 | 005 | 074 | 0 |
| 8 2300 | 0.00 | 0.00 | 0.00 | 348 | 001 | 1 |
| 9 200 | 0.00 | 0.45 | 0.00 | 296 | 004 | 0 |
| 9 500 | 0.00 | 0.89 | 0.00 | 255 | 047 | 1 |
| 9 800 | 0.00 | 0.00 | 0.00 | 267 | 019 | 0 |
| 9 1100 | 0.00 | 0.00 | 0.00 | 279 | 040 | 0 |
| 9 1400 | 0.00 | 0.00 | 0.00 | 297 | 016 | 1 |
| 9 1700 | 1.79 | 3.58 | 0.89 | 210 | 008 | 1 |
| 9 2000 | 0.00 | 1.79 | 0.45 | 265 | 026 | 1 |
| 9 2300 | 0.45 | 2.24 | 0.45 | 311 | 039 | 1 |
| 10 200 | 0.45 | 1.79 | 0.45 | 064 | 014 | 1 |
| 10 500 | 0.00 | 0.45 | 0.00 | 070 | 031 | 1 |
| 10 800 | 3.13 | 6.71 | 0.89 | 198 | 009 | 1 |
| 10 1100 | 7.60 | 10.73 | 1.79 | 207 | 002 | 1 |
| 10 1400 | 8.49 | 15.65 | 2.68 | 190 | 005 | 1 |
| 10 1700 | 3.58 | 9.39 | 1.79 | 188 | 007 | 1 |
| 10 2000 | 4.92 | 9.39 | 1.79 | 190 | 007 | 1 |
| 10 2300 | 4.92 | 8.05 | 1.79 | 212 | 008 | 1 |
| 11 200 | 1.79 | 4.47 | 0.89 | 204 | 029 | 1 |
| 11 500 | 3.13 | 6.71 | 1.34 | 193 | 026 | 0 |
| 11 800 | 1.79 | 3.58 | 0.89 | 177 | 012 | 0 |
| 11 1100 | 6.26 | 11.18 | 2.24 | 181 | 008 | 0 |
| 11 1400 | 5.36 | 10.28 | 2.24 | 201 | 007 | 0 |
| 11 1700 | 8.05 | 16.99 | 1.79 | 272 | 012 | 0 |
| 11 2000 | 4.92 | 9.39 | 1.79 | 267 | 011 | 0 |
| 11 2300 | 3.58 | 7.60 | 0.89 | 276 | 011 | 0 |
| 12 200 | 1.79 | 4.92 | 0.89 | 282 | 012 | 0 |
| 12 500 | 1.79 | 4.47 | 0.89 | 258 | 019 | 0 |
| 12 800 | 0.45 | 1.34 | 0.45 | 277 | 008 | 0 |
| 12 1100 | 0.45 | 2.68 | 0.45 | 294 | 021 | 0 |
| 12 1400 | 0.00 | 1.79 | 0.00 | 270 | 035 | 0 |
| 12 1700 | 0.00 | 0.89 | 0.00 | 252 | 011 | 0 |
| 12 2000 | 0.00 | 0.45 | 0.00 | 234 | 014 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 200 | 0.89 | 1.79 | 0.45 | 084 | 005 | 0 |
| 13 500 | 0.00 | 0.89 | 0.00 | 291 | 016 | 0 |
| 13 800 | 0.45 | 1.79 | 0.45 | 280 | 009 | 0 |
| 13 1100 | 0.45 | 1.79 | 0.45 | 279 | 009 | 0 |
| 13 1400 | 0.89 | 2.24 | 0.45 | 273 | 007 | 0 |
| 13 1700 | 0.45 | 1.79 | 0.00 | 265 | 008 | 0 |
| 13 2000 | 0.00 | 0.89 | 0.00 | 263 | 019 | 0 |
| 13 2300 | 0.00 | 0.45 | 0.00 | 142 | 002 | 0 |
| 14 200 | 0.89 | 2.24 | 0.45 | 078 | 007 | 0 |
| 14 500 | 0.00 | 1.79 | 0.00 | 297 | 042 | 0 |
| 14 800 | 0.00 | 0.45 | 0.00 | 267 | 007 | 0 |
| 14 1100 | 0.00 | 0.00 | 0.00 | 205 | 012 | 0 |
| 14 1400 | 4.47 | 6.71 | 1.34 | 160 | 007 | 0 |
| 14 1700 | 5.81 | 7.60 | 0.89 | 157 | 002 | 0 |
| 14 2000 | 8.05 | 11.18 | 1.79 | 135 | 007 | 0 |
| 14 2300 | 8.94 | 12.07 | 1.79 | 126 | 002 | 0 |
| 15 200 | 8.05 | 13.86 | 2.24 | 111 | 004 | 0 |
| 15 500 | 7.60 | 13.41 | 2.24 | 111 | 004 | 0 |
| 15 800 | 5.36 | 12.07 | 1.34 | 104 | 005 | 0 |
| 15 1100 | 6.71 | 13.41 | 2.24 | 097 | 005 | 0 |
| 15 1400 | 9.83 | 14.75 | 1.79 | 091 | 004 | 0 |
| 15 1700 | 10.28 | 14.31 | 2.24 | 083 | 004 | 0 |
| 15 2000 | 9.83 | 14.31 | 1.34 | 076 | 004 | 0 |
| 15 2300 | 9.39 | 13.86 | 1.79 | 069 | 004 | 0 |
| 16 200 | 8.05 | 13.41 | 2.24 | 064 | 004 | 0 |
| 16 500 | 4.92 | 9.83 | 1.34 | 057 | 005 | 0 |
| 16 800 | 5.81 | 12.52 | 1.79 | 054 | 004 | 0 |
| 16 1100 | 5.36 | 10.28 | 1.79 | 059 | 004 | 0 |
| 16 1400 | 8.05 | 16.54 | 3.13 | 063 | 005 | 0 |
| 16 1700 | 5.81 | 11.18 | 1.79 | 059 | 004 | 0 |
| 16 2000 | 3.58 | 7.60 | 1.79 | 094 | 005 | 0 |
| 16 2300 | 0.89 | 4.47 | 0.45 | 100 | 009 | 0 |
| 17 200 | 3.13 | 4.47 | 0.45 | 145 | 009 | 0 |
| 17 500 | 4.02 | 6.26 | 0.89 | 163 | 008 | 0 |
| 17 800 | 6.26 | 9.83 | 1.79 | 124 | 007 | 0 |
| 17 1100 | 4.47 | 9.39 | 1.79 | 102 | 008 | 0 |
| 17 1400 | 5.81 | 11.18 | 1.34 | 062 | 005 | 0 |
| 17 1700 | 7.60 | 10.28 | 1.79 | 083 | 004 | 0 |
| 17 2000 | 4.47 | 6.71 | 1.34 | 073 | 005 | 0 |
| 17 2300 | 0.00 | 0.89 | 0.00 | 056 | 011 | 0 |
| 18 200 | 0.00 | 0.45 | 0.00 | 007 | 064 | 0 |
| 18 500 | 0.00 | 1.34 | 0.45 | 060 | 018 | 0 |
| 18 800 | 0.00 | 0.00 | 0.00 | 145 | 032 | 0 |
| 18 1100 | 0.00 | 0.00 | 0.00 | 136 | 086 | 0 |
| 18 1400 | 0.89 | 3.58 | 0.45 | 046 | 005 | 0 |
| 18 1700 | 2.24 | 5.36 | 0.45 | 049 | 005 | 0 |
| 18 2000 | 3.13 | 6.26 | 1.34 | 011 | 007 | 0 |
| 18 2300 | 1.79 | 5.36 | 0.89 | 021 | 011 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 200 | 2.24 | 5.36 | 0.89 | 016 | 007 | 0 |
| 19 500 | 1.79 | 4.92 | 0.89 | 334 | 028 | 0 |
| 19 800 | 0.89 | 3.58 | 0.45 | 015 | 026 | 0 |
| 19 1100 | 2.24 | 4.47 | 0.89 | 332 | 016 | 0 |
| 19 1400 | 1.34 | 2.68 | 0.45 | 304 | 008 | 0 |
| 19 1700 | 0.45 | 1.79 | 0.45 | 280 | 009 | 0 |
| 19 2000 | 0.00 | 0.89 | 0.00 | 235 | 011 | 0 |
| 19 2300 | 0.00 | 0.89 | 0.00 | 136 | 002 | 0 |
| 20 200 | 1.34 | 3.58 | 0.45 | 190 | 007 | 0 |
| 20 500 | 0.89 | 2.68 | 0.45 | 219 | 012 | 0 |
| 20 800 | 0.45 | 1.79 | 0.45 | 181 | 012 | 0 |
| 20 1100 | 0.00 | 0.45 | 0.00 | 253 | 054 | 0 |
| 20 1400 | 0.00 | 0.00 | 0.00 | 305 | 002 | 0 |
| 20 1700 | 0.00 | 0.45 | 0.00 | 284 | 004 | 0 |
| 20 2000 | 0.00 | 0.89 | 0.00 | 217 | 019 | 0 |
| 20 2300 | 1.34 | 3.13 | 0.45 | 156 | 012 | 0 |
| 21 200 | 0.89 | 2.68 | 0.45 | 126 | 011 | 0 |
| 21 500 | 2.24 | 4.47 | 0.89 | 078 | 011 | 0 |
| 21 800 | 7.15 | 10.28 | 0.89 | 073 | 004 | 0 |
| 21 1100 | 6.26 | 11.62 | 2.24 | 067 | 005 | 0 |
| 21 1400 | 5.36 | 9.39 | 1.79 | 087 | 005 | 0 |
| 21 1700 | 3.58 | 6.71 | 0.89 | 146 | 016 | 0 |
| 21 2000 | 0.45 | 1.79 | 0.45 | 078 | 007 | 0 |
| 21 2300 | 1.79 | 5.36 | 0.89 | 132 | 043 | 0 |
| 22 200 | 9.39 | 13.41 | 2.24 | 314 | 004 | 0 |
| 22 500 | 13.86 | 17.88 | 1.79 | 315 | 004 | 0 |
| 22 800 | 16.54 | 23.69 | 3.13 | 313 | 004 | 0 |
| 22 1100 | 16.99 | 23.69 | 3.13 | 307 | 004 | 0 |
| 22 1400 | 15.65 | 20.56 | 2.24 | 313 | 004 | 0 |
| 22 1700 | 13.86 | 19.67 | 3.13 | 303 | 004 | 0 |
| 22 2000 | 12.52 | 16.99 | 1.79 | 303 | 004 | 0 |
| 22 2300 | 7.60 | 12.96 | 1.79 | 293 | 005 | 0 |
| 23 200 | 3.58 | 7.15 | 1.34 | 286 | 007 | 0 |
| 23 500 | 0.89 | 3.13 | 0.45 | 290 | 011 | 0 |
| 23 800 | 2.24 | 3.58 | 0.45 | 239 | 008 | 0 |
| 23 1100 | 0.45 | 1.79 | 0.45 | 263 | 018 | 0 |
| 23 1400 | 0.45 | 1.79 | 0.45 | 279 | 005 | 0 |
| 23 1700 | 0.00 | 0.89 | 0.00 | 270 | 012 | 0 |
| 23 2000 | 0.00 | 1.34 | 0.00 | 272 | 019 | 0 |
| 23 2300 | 0.00 | 0.00 | 0.00 | 129 | 009 | 0 |
| 24 200 | 1.34 | 3.58 | 0.89 | 012 | 014 | 0 |
| 24 500 | 2.24 | 4.47 | 0.89 | 331 | 019 | 0 |
| 24 800 | 3.58 | 7.60 | 0.89 | 339 | 016 | 0 |
| 24 1100 | 7.60 | 13.86 | 2.24 | 334 | 011 | 0 |
| 24 1400 | 8.94 | 12.52 | 1.79 | 317 | 005 | 0 |
| 24 1700 | 10.73 | 15.65 | 1.79 | 314 | 005 | 0 |
| 24 2000 | 8.94 | 11.62 | 0.89 | 314 | 005 | 0 |
| 24 2300 | 11.18 | 16.99 | 2.68 | 321 | 005 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 500 | 10.73 | 15.65 | 2.24 | 317 | 005 | 0 |
| 25 800 | 8.05 | 18.33 | 4.92 | 298 | 012 | 0 |
| 25 1100 | 4.92 | 8.94 | 1.79 | 311 | 008 | 0 |
| 25 1400 | 12.52 | 15.65 | 1.79 | 318 | 004 | 0 |
| 25 1700 | 8.94 | 13.86 | 2.68 | 311 | 008 | 0 |
| 25 2000 | 9.39 | 15.20 | 1.79 | 321 | 005 | 0 |
| 25 2300 | 12.52 | 17.98 | 1.79 | 308 | 005 | 0 |
| 26 200 | 7.60 | 11.62 | 2.24 | 311 | 008 | 0 |
| 26 500 | 5.36 | 10.73 | 1.34 | 308 | 011 | 0 |
| 26 800 | 1.79 | 4.47 | 0.45 | 291 | 011 | 0 |
| 26 1100 | 0.00 | 1.34 | 0.00 | 279 | 022 | 0 |
| 26 1400 | 0.00 | 0.89 | 0.00 | 279 | 012 | 0 |
| 26 1700 | 0.45 | 1.79 | 0.45 | 284 | 011 | 0 |
| 26 2000 | 0.45 | 1.79 | 0.45 | 277 | 012 | 0 |
| 26 2300 | 0.00 | 0.00 | 0.00 | 160 | 042 | 0 |
| 27 200 | 0.00 | 1.34 | 0.00 | 059 | 050 | 0 |
| 27 500 | 0.89 | 2.24 | 0.45 | 283 | 007 | 0 |
| 27 800 | 3.13 | 5.81 | 0.89 | 031 | 009 | 0 |
| 27 1100 | 1.79 | 4.47 | 0.45 | 007 | 021 | 0 |
| 27 1400 | 3.13 | 8.05 | 1.34 | 005 | 025 | 0 |
| 27 1700 | 4.47 | 7.60 | 1.79 | 023 | 019 | 0 |
| 27 2000 | 6.71 | 13.86 | 2.24 | 342 | 014 | 0 |
| 27 2300 | 10.73 | 14.31 | 0.89 | 318 | 004 | 0 |
| 28 200 | 6.26 | 12.07 | 1.79 | 314 | 012 | 0 |
| 28 500 | 9.83 | 14.31 | 1.34 | 317 | 005 | 0 |
| 28 800 | 5.36 | 7.60 | 0.89 | 303 | 004 | 0 |
| 28 1100 | 0.45 | 1.79 | 0.00 | 296 | 011 | 0 |
| 28 1400 | 0.00 | 0.89 | 0.45 | 277 | 012 | 0 |
| 28 1700 | 0.00 | 0.89 | 0.00 | 256 | 077 | 0 |
| 28 2000 | 0.00 | 0.89 | 0.00 | 308 | 033 | 0 |
| 28 2300 | 0.00 | 0.45 | 0.00 | 039 | 026 | 0 |
| 29 200 | 3.58 | 4.92 | 0.45 | 314 | 004 | 0 |
| 29 500 | 3.13 | 4.92 | 0.89 | 313 | 004 | 0 |
| 29 800 | 1.79 | 3.58 | 0.89 | 321 | 005 | 0 |
| 29 1100 | 1.79 | 3.58 | 0.45 | 311 | 004 | 0 |
| 29 1400 | 3.13 | 5.81 | 0.89 | 311 | 009 | 0 |
| 29 1700 | 1.79 | 3.58 | 0.89 | 308 | 007 | 0 |
| 29 2000 | 1.79 | 3.58 | 0.89 | 314 | 016 | 0 |
| 29 2300 | 4.92 | 6.71 | 0.45 | 314 | 004 | 0 |
| 30 200 | 2.24 | 4.47 | 0.45 | 307 | 005 | 0 |
| 30 500 | 1.79 | 2.24 | 0.00 | 298 | 004 | 0 |
| 30 800 | 1.79 | 3.58 | 0.89 | 298 | 011 | 0 |
| 30 1100 | 1.34 | 2.68 | 0.45 | 283 | 008 | 0 |
| 30 1400 | 2.68 | 4.47 | 0.45 | 308 | 005 | 0 |
| 30 1700 | 3.13 | 4.92 | 0.89 | 313 | 007 | 0 |
| 30 2000 | 4.02 | 5.36 | 0.45 | 311 | 004 | 0 |
| 30 2300 | 1.79 | 2.68 | 0.45 | 310 | 007 | 0 |
| 31 200 | 0.89 | 2.24 | 0.45 | 310 | 007 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 500 | 2.68 | 4.47 | 0.45 | 314 | 005 | 1 |
| 31 800 | 4.47 | 5.36 | 0.45 | 311 | 004 | 1 |
| 31 1100 | 4.92 | 6.71 | 0.89 | 311 | 004 | 1 |
| 31 1400 | 4.92 | 6.71 | 0.45 | 311 | 005 | 1 |
| 31 1700 | 4.47 | 6.71 | 0.89 | 307 | 005 | 0 |
| 31 2000 | 0.89 | 3.13 | 0.45 | 286 | 011 | 1 |
| 31 2300 | 0.00 | 2.24 | 0.45 | 042 | 025 | 1 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 200 | 1.34 | 4.47 | 0.89 | 359 | 022 | 1 |
| 1 500 | 3.13 | 4.92 | 0.45 | 314 | 004 | 1 |
| 1 800 | 6.26 | 9.83 | 1.79 | 349 | 012 | 1 |
| 1 1100 | 4.47 | 8.49 | 1.34 | 050 | 007 | 0 |
| 1 1400 | 3.58 | 10.73 | 2.24 | 025 | 015 | 0 |
| 1 1700 | 4.92 | 7.60 | 0.89 | 090 | 011 | 0 |
| 1 2000 | 9.39 | 12.52 | 2.24 | 117 | 005 | 0 |
| 1 2300 | 5.36 | 9.83 | 1.79 | 119 | 011 | 0 |
| 2 200 | 4.92 | 12.52 | 2.24 | 105 | 007 | 0 |
| 2 500 | 3.58 | 7.60 | 1.79 | 094 | 008 | 0 |
| 2 800 | 1.79 | 4.92 | 0.89 | 032 | 019 | 0 |
| 2 1100 | 0.89 | 2.68 | 0.45 | 289 | 005 | 0 |
| 2 1400 | 0.00 | 0.45 | 0.00 | 266 | 007 | 0 |
| 2 1700 | 0.45 | 1.79 | 0.45 | 253 | 019 | 0 |
| 2 2000 | 0.00 | 1.79 | 0.45 | 194 | 011 | 0 |
| 2 2300 | 0.45 | 4.47 | 0.89 | 101 | 019 | 0 |
| 3 200 | 0.45 | 2.24 | 0.45 | 129 | 016 | 0 |
| 3 500 | 0.45 | 1.79 | 0.45 | 157 | 057 | 0 |
| 3 800 | 0.89 | 2.24 | 0.45 | 282 | 007 | 0 |
| 3 1100 | 0.45 | 1.79 | 0.45 | 269 | 011 | 0 |
| 3 1400 | 3.13 | 5.36 | 0.89 | 313 | 004 | 0 |
| 3 1700 | 7.15 | 9.39 | 0.89 | 308 | 002 | 0 |
| 3 2000 | 9.39 | 13.41 | 0.89 | 310 | 002 | 0 |
| 3 2300 | 10.28 | 14.31 | 1.79 | 310 | 004 | 0 |
| 4 200 | 10.28 | 13.41 | 0.89 | 315 | 005 | 0 |
| 4 500 | 11.62 | 15.65 | 1.79 | 314 | 004 | 0 |
| 4 800 | 9.39 | 13.86 | 1.79 | 314 | 005 | 0 |
| 4 1100 | 12.52 | 16.54 | 1.79 | 313 | 004 | 0 |
| 4 1400 | 13.86 | 17.43 | 2.24 | 317 | 004 | 0 |
| 4 1700 | 13.86 | 18.33 | 2.24 | 313 | 004 | 0 |
| 4 2000 | 16.99 | 21.46 | 2.68 | 310 | 004 | 0 |
| 4 2300 | 16.09 | 22.35 | 2.24 | 311 | 004 | 0 |
| 5 200 | 16.99 | 25.48 | 2.68 | 310 | 004 | 0 |
| 5 500 | 13.86 | 20.12 | 3.13 | 313 | 004 | 1 |
| 5 800 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 5 1100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 5 1400 | 10.28 | 14.75 | 1.79 | 324 | 007 | 0 |
| 5 1700 | 10.73 | 15.20 | 1.34 | 322 | 005 | 0 |
| 5 2000 | 10.73 | 13.41 | 1.79 | 320 | 005 | 1 |
| 5 2300 | 8.94 | 10.73 | 1.79 | 317 | 007 | 1 |
| 6 200 | 3.13 | 4.47 | 0.89 | 297 | 005 | 1 |
| 6 500 | 5.81 | 8.05 | 1.79 | 311 | 004 | 0 |
| 6 800 | 4.47 | 6.26 | 0.45 | 311 | 004 | 0 |
| 6 1100 | 1.79 | 3.13 | 0.45 | 293 | 009 | 0 |
| 6 1400 | 0.00 | 1.79 | 0.45 | 273 | 007 | 0 |
| 6 1700 | 0.00 | 0.45 | 0.00 | 272 | 012 | 0 |
| 6 2000 | 0.00 | 0.00 | 0.00 | 310 | 004 | 0 |
| 6 2300 | 3.13 | 6.71 | 1.79 | 174 | 008 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 200 | 3.58 | 8.05 | 1.79 | 191 | 008 | 0 |
| 7 500 | 4.47 | 9.83 | 2.24 | 186 | 008 | 0 |
| 7 800 | 8.49 | 12.07 | 1.79 | 167 | 004 | 0 |
| 7 1100 | 11.18 | 16.54 | 1.79 | 163 | 004 | 0 |
| 7 1400 | 14.31 | 17.88 | 1.34 | 157 | 001 | 0 |
| 7 1700 | 14.31 | 17.88 | 1.34 | 156 | 002 | 0 |
| 7 2000 | 15.20 | 20.56 | 1.79 | 159 | 002 | 0 |
| 7 2300 | 14.75 | 21.01 | 2.24 | 160 | 004 | 0 |
| 8 200 | 14.31 | 18.33 | 1.79 | 148 | 002 | 0 |
| 8 500 | 11.18 | 14.75 | 0.89 | 164 | 004 | 0 |
| 8 800 | 2.68 | 6.71 | 1.34 | 198 | 009 | 0 |
| 8 1100 | 0.45 | 2.68 | 0.45 | 143 | 011 | 0 |
| 8 1400 | 0.45 | 2.68 | 0.45 | 059 | 016 | 0 |
| 8 1700 | 8.49 | 12.07 | 1.79 | 132 | 005 | 0 |
| 8 2000 | 8.05 | 11.18 | 1.79 | 117 | 004 | 0 |
| 8 2300 | 5.36 | 12.52 | 2.24 | 107 | 005 | 0 |
| 9 200 | 8.94 | 13.41 | 2.24 | 098 | 005 | 0 |
| 9 500 | 9.39 | 13.41 | 1.79 | 078 | 004 | 0 |
| 9 800 | 10.73 | 15.65 | 2.24 | 074 | 004 | 0 |
| 9 1100 | 12.52 | 17.88 | 2.68 | 076 | 004 | 0 |
| 9 1400 | 10.73 | 15.20 | 2.24 | 076 | 004 | 0 |
| 9 1700 | 9.39 | 15.20 | 2.68 | 087 | 004 | 0 |
| 9 2000 | 8.49 | 15.20 | 2.24 | 088 | 005 | 0 |
| 9 2300 | 8.05 | 13.41 | 1.79 | 091 | 005 | 0 |
| 10 200 | 9.83 | 15.20 | 1.79 | 087 | 004 | 0 |
| 10 500 | 7.60 | 12.52 | 2.24 | 090 | 007 | 0 |
| 10 800 | 5.36 | 10.73 | 2.24 | 111 | 008 | 0 |
| 10 1100 | 9.39 | 15.65 | 1.79 | 133 | 007 | 0 |
| 10 1400 | 12.52 | 16.54 | 2.24 | 131 | 002 | 0 |
| 10 1700 | 13.41 | 18.33 | 2.68 | 124 | 004 | 0 |
| 10 2000 | 13.41 | 17.88 | 2.24 | 129 | 005 | 0 |
| 10 2300 | 11.18 | 15.65 | 2.24 | 131 | 002 | 0 |
| 11 200 | 10.28 | 15.20 | 1.79 | 138 | 004 | 0 |
| 11 500 | 6.26 | 11.62 | 2.24 | 139 | 008 | 0 |
| 11 800 | 5.36 | 8.49 | 1.34 | 129 | 002 | 0 |
| 11 1100 | 0.00 | 0.45 | 0.00 | 204 | 019 | 0 |
| 11 1400 | 0.00 | 0.45 | 0.00 | 262 | 009 | 0 |
| 11 1700 | 0.00 | 0.45 | 0.00 | 255 | 018 | 0 |
| 11 2000 | 0.00 | 0.89 | 0.00 | 255 | 012 | 0 |
| 11 2300 | 0.00 | 0.00 | 0.00 | 242 | 019 | 0 |
| 12 200 | 1.79 | 4.47 | 0.89 | 232 | 009 | 0 |
| 12 500 | 0.00 | 1.79 | 0.45 | 253 | 018 | 0 |
| 12 800 | 0.00 | 0.89 | 0.45 | 263 | 016 | 0 |
| 12 1100 | 0.00 | 0.45 | 0.00 | 296 | 038 | 0 |
| 12 1400 | 0.00 | 0.00 | 0.00 | 308 | 016 | 0 |
| 12 1700 | 0.00 | 0.89 | 0.00 | 305 | 016 | 0 |
| 12 2000 | 0.00 | 1.79 | 0.00 | 258 | 012 | 0 |
| 12 2300 | 0.00 | 0.89 | 0.00 | 217 | 046 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 500 | 0.00 | 1.34 | 0.00 | 279 | 004 | 0 |
| 13 800 | 0.00 | 1.79 | 0.00 | 273 | 014 | 0 |
| 13 1100 | 0.00 | 0.89 | 0.00 | 297 | 012 | 0 |
| 13 1400 | 0.00 | 0.89 | 0.00 | 317 | 023 | 0 |
| 13 1700 | 0.00 | 1.34 | 0.00 | 276 | 016 | 0 |
| 13 2000 | 0.45 | 1.34 | 0.00 | 277 | 016 | 0 |
| 13 2300 | 0.00 | 0.00 | 0.00 | 232 | 039 | 0 |
| 14 200 | 0.00 | 0.00 | 0.00 | 163 | 049 | 0 |
| 14 500 | 0.00 | 0.89 | 0.00 | 267 | 007 | 0 |
| 14 800 | 0.00 | 1.34 | 0.00 | 277 | 014 | 0 |
| 14 1100 | 0.00 | 0.89 | 0.00 | 269 | 004 | 0 |
| 14 1400 | 0.45 | 1.34 | 0.00 | 269 | 007 | 0 |
| 14 1700 | 0.00 | 0.45 | 0.00 | 279 | 021 | 0 |
| 14 2000 | 0.00 | 0.45 | 0.00 | 272 | 009 | 0 |
| 14 2300 | 0.00 | 0.89 | 0.00 | 250 | 014 | 0 |
| 15 200 | 0.00 | 0.89 | 0.00 | 225 | 005 | 0 |
| 15 500 | 0.00 | 48.73 | 2.24 | 265 | 021 | 0 |
| 15 800 | 0.00 | 3.13 | 0.45 | 198 | 012 | 0 |
| 15 1100 | 0.00 | 0.89 | 0.00 | 258 | 005 | 0 |
| 15 1400 | 0.00 | 0.00 | 0.00 | 280 | 014 | 0 |
| 15 1700 | 0.00 | 0.00 | 0.00 | 338 | 026 | 0 |
| 15 2000 | 0.00 | 0.89 | 0.00 | 287 | 014 | 0 |
| 15 2300 | 0.00 | 0.45 | 0.00 | 248 | 021 | 0 |
| 16 200 | 0.00 | 0.89 | 0.00 | 249 | 008 | 0 |
| 16 500 | 0.00 | 1.79 | 0.45 | 246 | 047 | 0 |
| 16 800 | 0.00 | 0.00 | 0.00 | 282 | 019 | 0 |
| 16 1100 | 0.00 | 0.00 | 0.00 | 297 | 018 | 0 |
| 16 1400 | 0.00 | 0.45 | 0.00 | 159 | 056 | 0 |
| 16 1700 | 0.00 | 0.00 | 0.00 | 297 | 015 | 0 |
| 16 2000 | 0.00 | 0.89 | 0.00 | 277 | 011 | 0 |
| 16 2300 | 0.00 | 0.89 | 0.00 | 291 | 016 | 0 |
| 17 200 | 0.89 | 2.24 | 0.45 | 297 | 012 | 0 |
| 17 500 | 0.00 | 50.07 | 2.24 | 256 | 036 | 0 |
| 17 800 | 0.45 | 3.13 | 0.45 | 291 | 008 | 0 |
| 17 1100 | 0.45 | 1.79 | 0.00 | 272 | 015 | 0 |
| 17 1400 | 0.00 | 1.34 | 0.45 | 255 | 018 | 0 |
| 17 1700 | 0.45 | 2.24 | 0.45 | 269 | 008 | 0 |
| 17 2000 | 0.89 | 2.24 | 0.00 | 270 | 008 | 0 |
| 17 2300 | 0.45 | 1.34 | 0.00 | 260 | 015 | 0 |
| 18 200 | 0.45 | 1.34 | 0.45 | 262 | 016 | 0 |
| 18 500 | 0.00 | 0.89 | 0.00 | 262 | 012 | 0 |
| 18 800 | 0.45 | 1.34 | 0.00 | 262 | 008 | 0 |
| 18 1100 | 0.89 | 2.68 | 0.45 | 280 | 007 | 0 |
| 18 1400 | 0.89 | 1.79 | 0.00 | 234 | 008 | 0 |
| 18 1700 | 0.89 | 2.68 | 0.45 | 273 | 005 | 0 |
| 18 2000 | 0.89 | 2.24 | 0.45 | 279 | 004 | 0 |
| 18 2300 | 0.00 | 0.45 | 0.00 | 272 | 003 | 0 |
| 19 200 | 0.00 | 0.89 | 0.00 | 279 | 008 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 500 | 0.00 | 0.89 | 0.00 | 263 | 007 | 0 |
| 19 800 | 0.45 | 1.79 | 0.45 | 269 | 008 | 0 |
| 19 1100 | 0.45 | 0.89 | 0.45 | 276 | 005 | 0 |
| 19 1400 | 0.45 | 0.89 | 0.00 | 272 | 008 | 0 |
| 19 1700 | 0.45 | 1.79 | 0.00 | 253 | 019 | 0 |
| 19 2000 | 0.45 | 2.24 | 0.45 | 279 | 040 | 0 |
| 19 2300 | 0.00 | 2.24 | 0.45 | 232 | 025 | 0 |
| 20 200 | 0.00 | 4.47 | 0.00 | 272 | 055 | 0 |
| 20 500 | 0.45 | 1.79 | 0.45 | 167 | 040 | 0 |
| 20 800 | 2.24 | 4.92 | 1.34 | 204 | 012 | 0 |
| 20 1100 | 4.92 | 9.39 | 1.79 | 191 | 007 | 0 |
| 20 1400 | 5.36 | 11.18 | 2.24 | 191 | 008 | 0 |
| 20 1700 | 9.39 | 12.07 | 1.34 | 162 | 002 | 0 |
| 20 2000 | 7.60 | 10.73 | 1.79 | 160 | 007 | 0 |
| 20 2300 | 3.58 | 6.26 | 0.89 | 190 | 004 | 0 |
| 21 200 | 4.92 | 10.73 | 1.79 | 184 | 004 | 0 |
| 21 500 | 6.71 | 12.96 | 2.24 | 191 | 004 | 0 |
| 21 800 | 4.47 | 8.49 | 1.79 | 193 | 004 | 0 |
| 21 1100 | 5.36 | 8.94 | 1.34 | 193 | 002 | 0 |
| 21 1400 | 0.89 | 3.13 | 0.89 | 221 | 029 | 0 |
| 21 1700 | 3.13 | 5.81 | 0.45 | 228 | 007 | 0 |
| 21 2000 | 0.89 | 3.13 | 0.89 | 204 | 014 | 0 |
| 21 2300 | 2.24 | 4.92 | 0.89 | 236 | 014 | 0 |
| 22 200 | 1.34 | 3.13 | 0.45 | 227 | 009 | 0 |
| 22 500 | 0.00 | 0.89 | 0.00 | 229 | 025 | 0 |
| 22 800 | 2.24 | 5.36 | 0.89 | 203 | 009 | 0 |
| 22 1100 | 0.00 | 1.79 | 0.00 | 238 | 033 | 0 |
| 22 1400 | 1.34 | 5.36 | 0.89 | 204 | 014 | 0 |
| 22 1700 | 1.34 | 3.58 | 0.45 | 193 | 007 | 0 |
| 22 2000 | 0.89 | 5.36 | 0.89 | 286 | 026 | 0 |
| 22 2300 | 7.60 | 10.28 | 1.79 | 311 | 002 | 0 |
| 23 200 | 7.60 | 11.18 | 1.34 | 324 | 005 | 0 |
| 23 500 | 6.26 | 8.94 | 0.89 | 315 | 007 | 0 |
| 23 800 | 7.60 | 10.73 | 1.79 | 324 | 007 | 0 |
| 23 1100 | 9.39 | 13.41 | 1.79 | 315 | 005 | 0 |
| 23 1400 | 11.62 | 16.09 | 1.79 | 327 | 005 | 0 |
| 23 1700 | 9.83 | 15.65 | 1.79 | 321 | 007 | 0 |
| 23 2000 | 1.79 | 5.81 | 0.89 | 305 | 014 | 0 |
| 23 2300 | 8.94 | 13.86 | 2.24 | 297 | 005 | 0 |
| 24 200 | 9.39 | 17.88 | 3.58 | 301 | 007 | 0 |
| 24 500 | 5.36 | 9.39 | 1.79 | 315 | 011 | 0 |
| 24 800 | 6.26 | 10.73 | 1.34 | 308 | 008 | 0 |
| 24 1100 | 4.02 | 7.60 | 0.89 | 307 | 005 | 0 |
| 24 1400 | 0.00 | 1.79 | 0.00 | 277 | 019 | 0 |
| 24 1700 | 0.00 | 1.34 | 0.00 | 265 | 039 | 0 |
| 24 2000 | 0.00 | 1.79 | 0.00 | 280 | 011 | 0 |
| 24 2300 | 0.00 | 0.00 | 0.00 | 276 | 018 | 0 |
| 25 200 | 0.00 | 0.45 | 0.00 | 249 | 087 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 800 | 5.31 | 11.18 | 1.34 | 184 | 005 | 0 |
| 25 1100 | 9.39 | 15.20 | 3.13 | 141 | 005 | 0 |
| 25 1400 | 11.18 | 14.75 | 2.24 | 129 | 004 | 0 |
| 25 1700 | 10.73 | 16.99 | 2.68 | 112 | 005 | 0 |
| 25 2000 | 6.26 | 14.31 | 2.24 | 101 | 005 | 0 |
| 25 2300 | 5.36 | 13.41 | 1.79 | 102 | 007 | 0 |
| 26 200 | 0.00 | 0.89 | 0.00 | 077 | 033 | 0 |
| 26 500 | 0.89 | 4.47 | 0.89 | 229 | 025 | 0 |
| 26 800 | 0.45 | 2.24 | 0.45 | 242 | 012 | 0 |
| 26 1100 | 0.45 | 2.24 | 0.45 | 195 | 009 | 0 |
| 26 1400 | 0.00 | 0.89 | 0.00 | 201 | 088 | 0 |
| 26 1700 | 4.47 | 7.15 | 1.79 | 167 | 007 | 0 |
| 26 2000 | 0.89 | 3.58 | 0.45 | 180 | 036 | 0 |
| 26 2300 | 4.02 | 6.71 | 0.89 | 122 | 007 | 0 |
| 27 200 | 0.89 | 4.47 | 0.89 | 149 | 019 | 0 |
| 27 500 | 0.00 | 0.45 | 0.00 | 279 | 015 | 0 |
| 27 800 | 0.00 | 0.00 | 0.00 | 258 | 026 | 0 |
| 27 1100 | 0.00 | 0.45 | 0.00 | 260 | 015 | 0 |
| 27 1400 | 0.00 | 0.45 | 0.00 | 274 | 040 | 0 |
| 27 1700 | 0.00 | 0.45 | 0.00 | 273 | 014 | 0 |
| 27 2000 | 0.00 | 0.00 | 0.00 | 270 | 046 | 0 |
| 27 2300 | 0.00 | 0.89 | 0.00 | 073 | 018 | 0 |
| 28 200 | 7.60 | 11.18 | 0.89 | 152 | 005 | 0 |
| 28 500 | 11.18 | 14.31 | 2.24 | 119 | 004 | 0 |
| 28 800 | 12.52 | 16.99 | 2.68 | 125 | 002 | 0 |
| 28 1100 | 13.41 | 17.43 | 1.79 | 138 | 002 | 0 |
| 28 1400 | 14.31 | 18.78 | 1.79 | 138 | 002 | 1 |
| 28 1700 | 15.65 | 18.78 | 2.24 | 148 | 002 | 1 |
| 28 2000 | 12.07 | 16.99 | 2.24 | 157 | 001 | 0 |
| 28 2300 | 9.83 | 12.52 | 1.79 | 157 | 002 | 0 |
| 29 200 | 9.39 | 12.52 | 1.79 | 152 | 001 | 0 |
| 29 500 | 10.28 | 13.41 | 2.24 | 139 | 002 | 0 |
| 29 800 | 10.73 | 13.41 | 1.34 | 150 | 001 | 0 |
| 29 1100 | 9.39 | 12.52 | 1.79 | 141 | 001 | 0 |
| 29 1400 | 11.18 | 14.75 | 1.34 | 142 | 001 | 0 |
| 29 1700 | 11.18 | 14.31 | 1.79 | 128 | 002 | 0 |
| 29 2000 | 12.52 | 16.09 | 1.79 | 126 | 002 | 0 |
| 29 2300 | 14.31 | 17.88 | 1.79 | 128 | 002 | 0 |
| 30 200 | 12.07 | 15.20 | 0.89 | 136 | 002 | 0 |
| 30 500 | 8.94 | 12.52 | 1.79 | 145 | 004 | 0 |
| 30 800 | 3.13 | 6.71 | 0.89 | 232 | 012 | 0 |
| 30 1100 | 3.58 | 8.49 | 1.79 | 197 | 008 | 0 |
| 30 1400 | 3.58 | 6.71 | 0.89 | 157 | 005 | 0 |
| 30 1700 | 8.49 | 13.41 | 2.24 | 143 | 005 | 0 |
| 30 2000 | 10.73 | 13.86 | 2.24 | 133 | 004 | 0 |
| 30 2300 | 13.41 | 18.33 | 2.24 | 139 | 004 | 0 |
| 31 200 | 0.89 | 2.24 | 0.45 | 310 | 007 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 500 | 2.68 | 4.47 | 0.45 | 314 | 005 | 1 |
| 31 800 | 4.47 | 5.36 | 0.45 | 311 | 004 | 1 |
| 31 1100 | 4.92 | 6.71 | 0.89 | 311 | 004 | 1 |
| 31 1400 | 4.92 | 6.71 | 0.45 | 311 | 005 | 1 |
| 31 1700 | 4.47 | 6.71 | 0.89 | 307 | 005 | 0 |
| 31 2000 | 0.89 | 3.13 | 0.45 | 286 | 011 | 1 |
| 31 2300 | 0.00 | 2.24 | 0.45 | 042 | 025 | 1 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 200 | 6.26 | 9.83 | 1.79 | 162 | 008 | 0 |
| 1 500 | 8.05 | 10.73 | 1.79 | 146 | 004 | 0 |
| 1 800 | 9.39 | 12.96 | 0.89 | 152 | 002 | 0 |
| 1 1100 | 6.71 | 9.83 | 1.79 | 156 | 004 | 0 |
| 1 1400 | 8.49 | 12.52 | 2.24 | 156 | 005 | 0 |
| 1 1700 | 9.39 | 14.31 | 1.79 | 146 | 004 | 0 |
| 1 2000 | 7.60 | 10.28 | 0.89 | 135 | 002 | 0 |
| 1 2300 | 0.45 | 1.79 | 0.45 | 212 | 009 | 0 |
| 2 200 | 0.00 | 0.45 | 0.00 | 270 | 002 | 0 |
| 2 500 | 0.00 | 16.54 | 0.45 | 272 | 011 | 0 |
| 2 800 | 0.00 | 0.00 | 0.00 | 252 | 043 | 0 |
| 2 1100 | 0.00 | 0.45 | 0.00 | 273 | 035 | 0 |
| 2 1400 | 0.00 | 0.45 | 0.00 | 260 | 012 | 0 |
| 2 1700 | 0.00 | 0.00 | 0.00 | 303 | 000 | 0 |
| 2 2000 | 0.00 | 33.53 | 1.79 | 234 | 033 | 0 |
| 2 2300 | 0.00 | 0.45 | 0.00 | 239 | 011 | 0 |
| 3 200 | 0.45 | 0.89 | 0.45 | 255 | 004 | 0 |
| 3 500 | 0.89 | 1.79 | 0.45 | 267 | 007 | 0 |
| 3 800 | 0.45 | 0.89 | 0.00 | 262 | 008 | 0 |
| 3 1100 | 0.00 | 0.89 | 0.45 | 255 | 004 | 0 |
| 3 1400 | 0.00 | 0.89 | 0.00 | 245 | 033 | 0 |
| 3 1700 | 0.00 | 0.00 | 0.00 | 265 | 018 | 0 |
| 3 2000 | 0.00 | 0.00 | 0.00 | 214 | 088 | 0 |
| 3 2300 | 0.00 | 0.89 | 0.00 | 155 | 021 | 0 |
| 4 200 | 0.00 | 0.00 | 0.00 | 105 | 040 | 0 |
| 4 500 | 2.68 | 5.81 | 1.79 | 159 | 045 | 0 |
| 4 800 | 0.45 | 1.79 | 0.00 | 273 | 011 | 0 |
| 4 1100 | 0.00 | 0.00 | 0.00 | 248 | 016 | 0 |
| 4 1400 | 0.00 | 0.89 | 0.00 | 253 | 014 | 0 |
| 4 1700 | 1.79 | 4.47 | 0.89 | 204 | 014 | 0 |
| 4 2000 | 0.89 | 3.13 | 0.45 | 217 | 019 | 0 |
| 4 2300 | 3.13 | 6.26 | 1.34 | 219 | 005 | 0 |
| 5 200 | 1.79 | 4.02 | 0.89 | 238 | 009 | 0 |
| 5 500 | 2.24 | 4.47 | 0.89 | 205 | 007 | 0 |
| 5 800 | 3.13 | 4.92 | 0.89 | 219 | 012 | 0 |
| 5 1100 | 3.58 | 6.26 | 0.89 | 218 | 008 | 0 |
| 5 1400 | 1.79 | 4.92 | 0.89 | 186 | 009 | 0 |
| 5 1700 | 1.34 | 4.92 | 0.39 | 187 | 011 | 0 |
| 5 2000 | 4.02 | 9.39 | 2.24 | 210 | 009 | 0 |
| 5 2300 | 3.58 | 8.05 | 1.34 | 208 | 011 | 0 |
| 6 200 | 2.68 | 6.26 | 1.79 | 193 | 009 | 0 |
| 6 500 | 3.13 | 6.71 | 0.89 | 183 | 009 | 0 |
| 6 800 | 3.13 | 5.81 | 1.79 | 193 | 005 | 0 |
| 6 1100 | 2.24 | 6.71 | 1.79 | 157 | 011 | 0 |
| 6 1400 | 6.71 | 8.94 | 0.89 | 150 | 004 | 0 |
| 6 1700 | 4.92 | 7.60 | 1.34 | 156 | 005 | 0 |
| 6 2000 | 4.47 | 6.26 | 1.34 | 143 | 007 | 0 |
| 6 2300 | 3.13 | 6.26 | 0.89 | 119 | 011 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 200 | 2.24 | 5.36 | 0.89 | 097 | 008 | 0 |
| 7 500 | 3.13 | 7.60 | 0.89 | 093 | 008 | 0 |
| 7 800 | 4.92 | 9.39 | 1.79 | 112 | 009 | 0 |
| 7 1100 | 4.47 | 8.94 | 1.79 | 102 | 009 | 0 |
| 7 1400 | 3.58 | 8.94 | 1.79 | 097 | 005 | 0 |
| 7 1700 | 6.26 | 9.83 | 1.34 | 090 | 004 | 0 |
| 7 2000 | 5.36 | 9.39 | 1.34 | 093 | 005 | 0 |
| 7 2300 | 7.60 | 11.62 | 0.89 | 083 | 005 | 0 |
| 8 200 | 5.36 | 9.39 | 1.79 | 090 | 005 | 0 |
| 8 500 | 6.71 | 12.07 | 2.24 | 088 | 005 | 0 |
| 8 800 | 5.36 | 13.41 | 1.79 | 101 | 009 | 0 |
| 8 1100 | 5.36 | 8.94 | 1.79 | 091 | 005 | 0 |
| 8 1400 | 4.47 | 9.39 | 1.79 | 097 | 007 | 0 |
| 8 1700 | 4.47 | 8.94 | 1.79 | 100 | 005 | 0 |
| 8 2000 | 5.36 | 9.83 | 2.24 | 097 | 012 | 0 |
| 8 2300 | 3.58 | 6.71 | 1.79 | 094 | 008 | 0 |
| 9 200 | 3.58 | 8.94 | 0.89 | 087 | 012 | 0 |
| 9 500 | 3.58 | 9.39 | 1.79 | 114 | 012 | 0 |
| 9 800 | 3.13 | 6.26 | 0.89 | 093 | 011 | 0 |
| 9 1100 | 2.68 | 6.26 | 0.89 | 086 | 014 | 0 |
| 9 1400 | 2.24 | 4.92 | 0.89 | 091 | 016 | 0 |
| 9 1700 | 1.79 | 4.02 | 0.89 | 073 | 008 | 0 |
| 9 2000 | 0.45 | 3.13 | 0.45 | 062 | 022 | 0 |
| 9 2300 | 0.00 | 0.45 | 0.00 | 050 | 008 | 0 |
| 10 200 | 0.45 | 2.24 | 0.45 | 032 | 009 | 0 |
| 10 500 | 0.00 | 0.45 | 0.00 | 035 | 029 | 0 |
| 10 800 | 0.45 | 1.34 | 0.00 | 282 | 008 | 0 |
| 10 1100 | 2.68 | 4.47 | 0.89 | 308 | 002 | 0 |
| 10 1400 | 2.24 | 3.58 | 0.45 | 314 | 005 | 0 |
| 10 1700 | 1.34 | 3.13 | 0.45 | 311 | 009 | 0 |
| 10 2000 | 0.89 | 2.24 | 0.45 | 322 | 012 | 0 |
| 10 2300 | 0.45 | 2.24 | 0.45 | 314 | 012 | 0 |
| 11 200 | 0.00 | 1.34 | 0.00 | 001 | 043 | 0 |
| 11 500 | 0.00 | 1.79 | 0.00 | 042 | 031 | 0 |
| 11 800 | 0.45 | 0.89 | 0.00 | 293 | 007 | 0 |
| 11 1100 | 0.00 | 0.00 | 0.00 | 291 | 004 | 0 |
| 11 1400 | 0.00 | 0.00 | 0.00 | 289 | 009 | 0 |
| 11 1700 | 0.00 | 0.45 | 0.00 | 253 | 012 | 0 |
| 11 2000 | 0.00 | 0.45 | 0.00 | 260 | 004 | 0 |
| 11 2300 | 0.00 | 0.00 | 0.00 | 262 | 007 | 0 |
| 12 200 | 0.00 | 0.45 | 0.00 | 272 | 008 | 0 |
| 12 500 | 0.00 | 0.45 | 0.00 | 274 | 004 | 0 |
| 12 800 | 0.00 | 0.89 | 0.00 | 253 | 012 | 0 |
| 12 1100 | 0.45 | 1.34 | 0.00 | 279 | 014 | 0 |
| 12 1400 | 0.45 | 1.79 | 0.00 | 270 | 007 | 0 |
| 12 1700 | 1.34 | 3.13 | 0.45 | 280 | 005 | 0 |
| 12 2000 | 1.79 | 3.13 | 0.89 | 296 | 008 | 0 |
| 12 2300 | 0.45 | 2.24 | 0.45 | 321 | 009 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 13 500 | 4.92 | 6.71 | 0.89 | 311 | 004 | 0 |
| 13 800 | 2.24 | 4.47 | 0.89 | 298 | 009 | 0 |
| 13 1100 | 4.02 | 5.81 | 0.45 | 308 | 004 | 0 |
| 13 1400 | 1.34 | 3.13 | 0.45 | 307 | 011 | 0 |
| 13 1700 | 0.89 | 3.58 | 0.45 | 276 | 014 | 0 |
| 13 2000 | 0.00 | 2.24 | 0.45 | 293 | 014 | 0 |
| 13 2300 | 1.79 | 4.92 | 0.89 | 294 | 011 | 0 |
| 14 200 | 3.58 | 6.26 | 1.34 | 310 | 005 | 0 |
| 14 500 | 1.79 | 3.58 | 0.89 | 294 | 014 | 0 |
| 14 800 | 0.45 | 3.58 | 0.89 | 301 | 021 | 0 |
| 14 1100 | 0.00 | 0.89 | 0.00 | 334 | 033 | 0 |
| 14 1400 | 0.00 | 0.89 | 0.00 | 315 | 018 | 0 |
| 14 1700 | 0.00 | 0.89 | 0.00 | 204 | 009 | 0 |
| 14 2000 | 0.89 | 3.58 | 0.45 | 293 | 014 | 0 |
| 14 2300 | 0.00 | 8.05 | 0.00 | 351 | 070 | 0 |
| 15 200 | 0.00 | 0.45 | 0.00 | 276 | 008 | 0 |
| 15 500 | 0.00 | 0.45 | 0.00 | 284 | 004 | 0 |
| 15 800 | 0.00 | 0.45 | 0.00 | 269 | 028 | 0 |
| 15 1100 | 0.00 | 0.89 | 0.00 | 277 | 011 | 0 |
| 15 1400 | 0.45 | 1.79 | 0.00 | 274 | 004 | 0 |
| 15 1700 | 0.00 | 0.89 | 0.00 | 280 | 008 | 0 |
| 15 2000 | 0.00 | 0.45 | 0.00 | 280 | 009 | 0 |
| 15 2300 | 0.00 | 0.89 | 0.00 | 258 | 018 | 0 |
| 16 200 | 0.45 | 2.24 | 0.45 | 256 | 009 | 0 |
| 16 500 | 0.00 | 0.89 | 0.00 | 265 | 008 | 0 |
| 16 800 | 0.00 | 0.45 | 0.00 | 267 | 008 | 0 |
| 16 1100 | 2.24 | 3.58 | 0.45 | 311 | 004 | 0 |
| 16 1400 | 0.45 | 1.34 | 0.45 | 301 | 021 | 0 |
| 16 1700 | 0.00 | 33.53 | 1.79 | 290 | 011 | 0 |
| 16 2000 | 0.00 | 0.89 | 0.00 | 267 | 019 | 0 |
| 16 2300 | 0.00 | 0.00 | 0.00 | 229 | 009 | 0 |
| 17 200 | 0.00 | 1.79 | 0.00 | 234 | 050 | 0 |
| 17 500 | 0.00 | 0.45 | 0.00 | 277 | 011 | 0 |
| 17 800 | 0.00 | 1.79 | 0.00 | 266 | 056 | 0 |
| 17 1100 | 0.00 | 1.79 | 0.45 | 248 | 023 | 0 |
| 17 1400 | 0.45 | 2.68 | 0.45 | 208 | 014 | 0 |
| 17 1700 | 0.00 | 0.89 | 0.45 | 273 | 019 | 0 |
| 17 2000 | 0.00 | 0.45 | 0.00 | 294 | 004 | 0 |
| 17 2300 | 0.00 | 0.45 | 0.00 | 258 | 008 | 0 |
| 18 200 | 0.00 | 0.45 | 0.00 | 031 | 016 | 0 |
| 18 500 | 0.45 | 4.47 | 0.45 | 272 | 005 | 0 |
| 18 800 | 0.45 | 1.34 | 0.00 | 256 | 009 | 0 |
| 18 1100 | 0.00 | 0.45 | 0.00 | 272 | 009 | 0 |
| 18 1400 | 0.89 | 1.79 | 0.45 | 273 | 008 | 0 |
| 18 1700 | 0.45 | 1.79 | 0.00 | 273 | 007 | 0 |
| 18 2000 | 0.00 | 0.39 | 0.00 | 274 | 004 | 0 |
| 18 2300 | 0.00 | 0.45 | 0.00 | 252 | 014 | 0 |
| 19 200 | 0.89 | 2.24 | 0.45 | 173 | 007 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 19 500 | 2.24 | 4.47 | 0.89 | 167 | 007 | 0 |
| 19 800 | 5.81 | 9.83 | 1.79 | 164 | 004 | 0 |
| 19 1100 | 7.15 | 9.83 | 0.89 | 148 | 004 | 0 |
| 19 1400 | 8.05 | 10.73 | 1.79 | 152 | 005 | 0 |
| 19 1700 | 10.73 | 13.86 | 1.79 | 149 | 002 | 0 |
| 19 2000 | 8.49 | 10.73 | 1.79 | 155 | 007 | 0 |
| 19 2300 | 8.05 | 10.73 | 1.34 | 159 | 002 | 0 |
| 20 200 | 8.05 | 11.18 | 1.34 | 149 | 004 | 0 |
| 20 500 | 8.05 | 11.18 | 1.34 | 143 | 001 | 0 |
| 20 800 | 8.05 | 11.62 | 0.89 | 142 | 002 | 0 |
| 20 1100 | 8.49 | 11.62 | 0.89 | 146 | 001 | 0 |
| 20 1400 | 7.60 | 10.73 | 1.34 | 142 | 002 | 0 |
| 20 1700 | 7.60 | 10.73 | 0.89 | 131 | 002 | 0 |
| 20 2000 | 8.05 | 11.62 | 1.34 | 135 | 002 | 0 |
| 20 2300 | 6.71 | 9.39 | 1.79 | 133 | 001 | 0 |
| 21 200 | 7.60 | 10.28 | 1.79 | 132 | 002 | 0 |
| 21 500 | 7.60 | 10.73 | 1.79 | 131 | 002 | 0 |
| 21 800 | 8.05 | 11.18 | 1.34 | 135 | 002 | 0 |
| 21 1100 | 8.05 | 12.07 | 1.34 | 136 | 005 | 0 |
| 21 1400 | 8.94 | 13.86 | 2.24 | 143 | 004 | 0 |
| 21 1700 | 9.83 | 15.20 | 2.24 | 145 | 004 | 0 |
| 21 2000 | 9.83 | 14.31 | 1.79 | 143 | 004 | 0 |
| 21 2300 | 9.39 | 13.86 | 2.24 | 142 | 007 | 0 |
| 22 200 | 8.94 | 13.41 | 1.79 | 141 | 008 | 0 |
| 22 500 | 8.94 | 11.62 | 1.34 | 136 | 011 | 0 |
| 22 800 | 8.94 | 13.41 | 2.24 | 142 | 007 | 0 |
| 22 1100 | 7.60 | 12.96 | 2.24 | 143 | 012 | 0 |
| 22 1400 | 7.60 | 11.62 | 1.79 | 141 | 012 | 0 |
| 22 1700 | 7.60 | 10.73 | 1.79 | 139 | 005 | 0 |
| 22 2000 | 6.26 | 8.94 | 1.34 | 143 | 005 | 0 |
| 22 2300 | 4.92 | 8.49 | 1.34 | 146 | 007 | 0 |
| 23 200 | 4.02 | 6.71 | 0.89 | 150 | 012 | 0 |
| 23 500 | 2.24 | 5.81 | 0.89 | 176 | 008 | 0 |
| 23 800 | 1.79 | 4.02 | 0.89 | 176 | 007 | 0 |
| 23 1100 | 0.45 | 1.79 | 0.45 | 215 | 007 | 0 |
| 23 1400 | 0.00 | 0.45 | 0.00 | 262 | 002 | 0 |
| 23 1700 | 0.00 | 0.89 | 0.00 | 280 | 005 | 0 |
| 23 2000 | 0.89 | 3.58 | 0.89 | 307 | 008 | 0 |
| 23 2300 | 1.79 | 4.47 | 0.89 | 289 | 011 | 0 |
| 24 200 | 0.89 | 3.58 | 0.45 | 274 | 021 | 0 |
| 24 500 | 1.79 | 3.13 | 0.45 | 294 | 016 | 0 |
| 24 800 | 0.89 | 2.68 | 0.45 | 315 | 029 | 0 |
| 24 1100 | 0.00 | 3.13 | 0.45 | 317 | 038 | 0 |
| 24 1400 | 1.34 | 4.92 | 0.89 | 320 | 033 | 0 |
| 24 1700 | 2.68 | 6.71 | 1.79 | 324 | 015 | 0 |
| 24 2000 | 10.73 | 16.54 | 2.24 | 311 | 007 | 0 |
| 24 2300 | 9.39 | 16.99 | 2.24 | 297 | 005 | 0 |
| 25 200 | 7.60 | 13.41 | 2.68 | 321 | 018 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 800 | 8.05 | 15.65 | 2.68 | 314 | C11 | 0 |
| 25 1100 | 11.18 | 13.86 | 1.34 | 314 | C04 | 0 |
| 25 1400 | 7.15 | 12.07 | C.89 | 320 | 007 | 0 |
| 25 1700 | 7.60 | 11.18 | 1.79 | 315 | 005 | 0 |
| 25 2CC0 | 7.60 | 11.62 | 1.34 | 310 | 004 | 0 |
| 25 2300 | 7.15 | 10.28 | 1.79 | 311 | C04 | 0 |
| 26 200 | 4.47 | 8.49 | C.89 | 329 | C21 | 0 |
| 26 500 | 3.13 | 7.60 | 1.34 | 011 | C16 | 0 |
| 26 800 | 0.89 | 3.13 | C.45 | 033 | C11 | 0 |
| 26 1100 | 0.89 | 4.47 | C.89 | 291 | C14 | 0 |
| 26 1400 | 4.47 | 6.71 | C.89 | 318 | C05 | 0 |
| 26 1700 | 3.58 | 6.26 | C.89 | 315 | 005 | 0 |
| 26 2C00 | 0.45 | 2.24 | C.45 | 296 | 016 | 0 |
| 26 2300 | 0.89 | 2.68 | 0.45 | 269 | 018 | 0 |
| 27 200 | 0.00 | 0.00 | C.00 | 255 | 005 | 0 |
| 27 500 | 0.00 | 0.89 | 0.00 | 255 | 009 | 0 |
| 27 800 | C.00 | C.89 | C.00 | 272 | C16 | 0 |
| 27 1100 | 0.45 | 1.79 | 0.45 | 249 | 009 | 0 |
| 27 1400 | 0.89 | 1.79 | C.00 | 265 | 004 | 0 |
| 27 1700 | 0.00 | 0.89 | 0.00 | 287 | C11 | 0 |
| 27 2C00 | C.45 | C.89 | C.00 | 266 | C14 | 0 |
| 27 2300 | 0.00 | C.00 | 0.00 | 258 | 005 | 0 |
| 28 200 | 0.00 | C.45 | 0.00 | 050 | 015 | 0 |
| 28 500 | 0.00 | C.00 | C.00 | 269 | C21 | 0 |
| 28 800 | 1.79 | 3.13 | C.45 | 091 | C05 | 0 |
| 28 1100 | 3.13 | 5.81 | C.45 | 093 | 008 | 0 |
| 28 1400 | 2.24 | 4.92 | C.89 | 094 | 005 | 0 |
| 28 1700 | 4.02 | 6.71 | 0.89 | 078 | 007 | 0 |
| 28 2C00 | 3.13 | 8.94 | 1.79 | 101 | C12 | 0 |
| 28 2300 | 3.13 | 9.39 | 1.79 | 102 | 009 | 0 |
| 29 200 | 4.47 | 8.94 | 1.79 | 097 | 005 | 0 |
| 29 500 | 3.58 | 7.60 | C.89 | 097 | 005 | 0 |
| 29 800 | 4.47 | 7.15 | 1.34 | 091 | C05 | 0 |
| 29 1100 | 3.58 | 6.26 | C.89 | 090 | C07 | 0 |
| 29 1400 | 1.79 | 4.47 | 0.89 | 102 | 022 | 0 |
| 29 1700 | 3.13 | 8.05 | 1.79 | 105 | C15 | 0 |
| 29 2C00 | 4.02 | 8.49 | 1.79 | 112 | C11 | 0 |
| 29 2300 | 3.58 | 7.60 | 1.34 | 098 | 012 | 0 |
| 30 200 | 3.58 | 8.49 | 1.34 | 107 | C08 | 0 |
| 30 500 | 3.13 | 6.26 | C.89 | 088 | 009 | 0 |
| 30 800 | 2.68 | 6.26 | 1.34 | 088 | 007 | 0 |
| 30 1100 | 1.34 | 4.92 | C.45 | 091 | C11 | 0 |
| 30 1400 | 0.89 | 4.92 | C.89 | 052 | 016 | 0 |
| 30 1700 | 0.89 | 2.68 | C.45 | 086 | C07 | 0 |
| 30 2C00 | C.00 | C.45 | C.00 | C22 | C46 | 0 |
| 30 2300 | 0.00 | C.45 | C.00 | 052 | C29 | 0 |
| 31 200 | 1.34 | 3.13 | C.45 | 320 | C28 | 0 |
| 31 500 | 0.45 | 1.79 | 0.45 | 011 | 014 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 600 | 0.00 | 1.34 | 0.00 | 022 | 012 | 0 |
| 31 1100 | 0.45 | 1.79 | 0.45 | 019 | 016 | 0 |
| 31 1400 | 3.13 | 5.36 | 0.89 | 028 | 005 | 0 |
| 31 1700 | 4.92 | 8.C5 | 1.34 | 078 | 004 | C |
| 31 2000 | 4.92 | 7.60 | 0.89 | 090 | 005 | C |
| 31 2300 | 2.24 | 4.C2 | 0.89 | 135 | 008 | C |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 200 | 1.34 | 3.13 | 0.45 | 080 | 008 | 0 |
| 1 500 | 3.58 | 5.36 | 0.89 | 084 | 008 | 0 |
| 1 800 | 5.36 | 9.83 | 2.24 | 063 | 007 | 0 |
| 1 1100 | 6.71 | 13.86 | 1.79 | 062 | 004 | 0 |
| 1 1400 | 5.36 | 12.52 | 1.34 | 053 | 005 | 0 |
| 1 1700 | 4.47 | 9.39 | 1.79 | 056 | 008 | 0 |
| 1 2000 | 4.02 | 6.26 | 1.34 | 029 | 007 | 1 |
| 1 2300 | 4.47 | 6.71 | 0.89 | 320 | 007 | 1 |
| 2 200 | 6.71 | 9.83 | 0.89 | 314 | 004 | 0 |
| 2 500 | 6.26 | 8.94 | 1.79 | 314 | 004 | 0 |
| 2 800 | 5.36 | 7.60 | 1.34 | 310 | 002 | 0 |
| 2 1100 | 3.13 | 4.92 | 0.89 | 305 | 004 | 0 |
| 2 1400 | 0.89 | 2.24 | 0.45 | 322 | 007 | 0 |
| 2 1700 | 0.45 | 1.79 | 0.45 | 301 | 018 | 0 |
| 2 2000 | 0.45 | 2.24 | 0.45 | 313 | 009 | 0 |
| 2 2300 | 0.89 | 1.79 | 0.45 | 298 | 004 | 0 |
| 3 200 | 0.00 | 0.45 | 0.00 | 224 | 023 | 0 |
| 3 500 | 2.24 | 5.36 | 0.89 | 203 | 016 | 0 |
| 3 800 | 0.89 | 3.13 | 0.89 | 246 | 046 | 0 |
| 3 1100 | 1.79 | 3.58 | 0.89 | 320 | 007 | 0 |
| 3 1400 | 5.36 | 6.71 | 0.45 | 313 | 004 | 0 |
| 3 1700 | 4.47 | 7.15 | 0.89 | 313 | 007 | 0 |
| 3 2000 | 7.60 | 12.52 | 1.79 | 315 | 007 | 0 |
| 3 2300 | 11.18 | 14.31 | 2.24 | 313 | 004 | 0 |
| 4 200 | 14.31 | 21.01 | 2.24 | 320 | 004 | 1 |
| 4 500 | 20.56 | 28.16 | 3.13 | 314 | 004 | 0 |
| 4 800 | 18.33 | 22.80 | 2.24 | 315 | 004 | 0 |
| 4 1100 | 13.86 | 21.01 | 3.13 | 315 | 005 | 1 |
| 4 1400 | 15.20 | 22.35 | 3.58 | 318 | 007 | 0 |
| 4 1700 | 13.86 | 20.56 | 3.58 | 324 | 007 | 0 |
| 4 2000 | 12.96 | 18.78 | 2.68 | 320 | 007 | 0 |
| 4 2300 | 8.05 | 12.07 | 2.24 | 296 | 005 | 1 |
| 5 200 | 6.71 | 11.18 | 1.79 | 301 | 008 | 0 |
| 5 500 | 1.34 | 5.36 | 1.34 | 286 | 023 | 0 |
| 5 800 | 0.45 | 2.24 | 0.45 | 250 | 035 | 0 |
| 5 1100 | 1.34 | 5.36 | 0.89 | 272 | 026 | 1 |
| 5 1400 | 3.13 | 5.36 | 0.89 | 239 | 008 | 0 |
| 5 1700 | 5.81 | 10.73 | 1.79 | 243 | 007 | 0 |
| 5 2000 | 4.92 | 8.94 | 1.79 | 248 | 009 | 0 |
| 5 2300 | 4.92 | 7.60 | 1.79 | 248 | 008 | 0 |
| 6 200 | 4.92 | 8.94 | 0.89 | 248 | 009 | 0 |
| 6 500 | 2.68 | 5.81 | 0.89 | 228 | 009 | 0 |
| 6 800 | 3.58 | 6.71 | 1.34 | 217 | 005 | 0 |
| 6 1100 | 3.58 | 6.71 | 1.34 | 241 | 009 | 0 |
| 6 1400 | 3.13 | 5.36 | 0.89 | 246 | 007 | 1 |
| 6 1700 | 2.24 | 4.92 | 0.45 | 239 | 008 | 0 |
| 6 2000 | 1.79 | 3.13 | 0.45 | 243 | 005 | 0 |
| 6 2300 | 0.00 | 0.89 | 0.00 | 277 | 012 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 200 | 0.89 | 3.13 | 0.45 | 218 | 009 | 1 |
| 7 500 | 1.79 | 3.58 | 0.45 | 232 | 007 | 0 |
| 7 800 | 0.45 | 2.24 | 0.45 | 198 | 007 | 0 |
| 7 1100 | 3.13 | 6.26 | 1.34 | 181 | 007 | 0 |
| 7 1400 | 4.02 | 6.26 | 0.45 | 166 | 005 | 1 |
| 7 1700 | 4.92 | 6.26 | 0.45 | 159 | 005 | 0 |
| 7 2000 | 4.02 | 5.81 | 1.34 | 145 | 004 | 0 |
| 7 2300 | 4.47 | 6.71 | 0.89 | 139 | 005 | 1 |
| 8 200 | 0.45 | 2.24 | 0.45 | 101 | 011 | 1 |
| 8 500 | 0.45 | 1.34 | 0.45 | 355 | 014 | 0 |
| 8 800 | 1.79 | 3.13 | 0.45 | 310 | 004 | 0 |
| 8 1100 | 3.13 | 6.71 | 1.34 | 314 | 007 | 0 |
| 8 1400 | 4.02 | 7.60 | 1.79 | 315 | 011 | 0 |
| 8 1700 | 3.58 | 7.15 | 0.89 | 325 | 012 | 1 |
| 8 2000 | 3.13 | 7.60 | 1.34 | 025 | 014 | 1 |
| 8 2300 | 6.71 | 10.73 | 1.79 | 071 | 005 | 1 |
| 9 200 | 8.05 | 12.07 | 1.79 | 078 | 004 | 1 |
| 9 500 | 6.71 | 11.18 | 2.24 | 090 | 007 | 1 |
| 9 800 | 7.60 | 12.07 | 1.79 | 093 | 005 | 1 |
| 9 1100 | 7.60 | 12.07 | 2.24 | 115 | 016 | 1 |
| 9 1400 | 4.92 | 8.05 | 1.34 | 114 | 007 | 1 |
| 9 1700 | 5.36 | 10.73 | 1.79 | 108 | 005 | 1 |
| 9 2000 | 3.58 | 38.89 | 2.24 | 101 | 011 | 1 |
| 9 2300 | 3.58 | 7.60 | 1.34 | 095 | 005 | 0 |
| 10 200 | 5.36 | 9.39 | 1.79 | 077 | 004 | 0 |
| 10 500 | 1.34 | 4.02 | 0.89 | 033 | 016 | 0 |
| 10 800 | 1.34 | 3.58 | 0.89 | 287 | 018 | 0 |
| 10 1100 | 0.89 | 2.24 | 0.45 | 212 | 009 | 0 |
| 10 1400 | 0.89 | 3.13 | 0.45 | 200 | 025 | 0 |
| 10 1700 | 3.58 | 5.36 | 0.89 | 225 | 004 | 0 |
| 10 2000 | 0.00 | 0.89 | 0.00 | 262 | 070 | 0 |
| 10 2300 | 0.00 | 0.89 | 0.00 | 248 | 031 | 0 |
| 11 200 | 0.00 | 0.89 | 0.00 | 276 | 023 | 0 |
| 11 500 | 0.45 | 2.24 | 0.45 | 241 | 021 | 0 |
| 11 800 | 1.34 | 3.13 | 0.45 | 210 | 007 | 1 |
| 11 1100 | 1.79 | 4.47 | 0.89 | 198 | 018 | 1 |
| 11 1400 | 1.79 | 7.15 | 0.89 | 149 | 033 | 0 |
| 11 1700 | 3.58 | 8.49 | 1.79 | 132 | 019 | 1 |
| 11 2000 | 14.31 | 18.78 | 2.68 | 159 | 002 | 0 |
| 11 2300 | 12.07 | 15.65 | 2.24 | 166 | 002 | 0 |
| 12 200 | 2.24 | 4.47 | 0.89 | 198 | 007 | 0 |
| 12 500 | 1.79 | 3.58 | 0.89 | 145 | 004 | 0 |
| 12 800 | 0.45 | 2.24 | 0.45 | 153 | 052 | 0 |
| 12 1100 | 11.18 | 14.31 | 2.24 | 166 | 002 | 0 |
| 12 1400 | 11.18 | 15.65 | 2.24 | 160 | 002 | 0 |
| 12 1700 | 9.83 | 12.07 | 1.34 | 166 | 001 | 0 |
| 12 2000 | 7.60 | 9.83 | 1.79 | 155 | 001 | 0 |
| 12 2300 | 6.71 | 8.94 | 1.34 | 149 | 001 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 500 | 8.94 | 13.86 | 1.79 | 162 | 008 | 0 |
| 13 800 | 10.28 | 13.86 | 1.79 | 149 | 002 | 0 |
| 13 1100 | 11.18 | 16.54 | 3.13 | 176 | 004 | 0 |
| 13 1400 | 3.13 | 6.71 | 1.34 | 188 | 007 | 0 |
| 13 1700 | 3.58 | 8.05 | 1.79 | 187 | 005 | 0 |
| 13 2000 | 3.58 | 8.05 | 1.79 | 181 | 011 | 0 |
| 13 2300 | 2.24 | 8.05 | 2.24 | 181 | 009 | 0 |
| 14 200 | 3.13 | 10.73 | 2.24 | 180 | 019 | 0 |
| 14 500 | 3.58 | 5.81 | 1.34 | 157 | 004 | 0 |
| 14 800 | 0.89 | 5.36 | 0.89 | 188 | 039 | 0 |
| 14 1100 | 0.89 | 2.24 | 0.45 | 207 | 046 | 0 |
| 14 1400 | 0.00 | 0.45 | 0.00 | 293 | 023 | 0 |
| 14 1700 | 0.00 | 1.79 | 0.00 | 243 | 026 | 0 |
| 14 2000 | 0.00 | 1.34 | 0.00 | 269 | 025 | 0 |
| 14 2300 | 0.00 | 2.24 | 0.00 | 212 | 033 | 0 |
| 15 200 | 0.45 | 1.79 | 0.45 | 208 | 026 | 0 |
| 15 500 | 0.00 | 0.45 | 0.00 | 298 | 019 | 0 |
| 15 800 | 0.00 | 0.45 | 0.00 | 310 | 025 | 0 |
| 15 1100 | 0.00 | 1.79 | 0.45 | 276 | 012 | 0 |
| 15 1400 | 0.45 | 1.34 | 0.00 | 269 | 014 | 0 |
| 15 1700 | 0.45 | 0.89 | 0.00 | 262 | 008 | 0 |
| 15 2000 | 0.89 | 1.79 | 0.45 | 282 | 007 | 0 |
| 15 2300 | 0.45 | 1.34 | 0.45 | 287 | 011 | 0 |
| 16 200 | 0.45 | 1.34 | 0.00 | 310 | 004 | 0 |
| 16 500 | 0.00 | 0.45 | 0.00 | 301 | 007 | 0 |
| 16 800 | 0.00 | 0.00 | 0.00 | 329 | 015 | 0 |
| 16 1100 | 0.89 | 4.02 | 0.89 | 102 | 009 | 0 |
| 16 1400 | 0.00 | 0.89 | 0.00 | 081 | 023 | 1 |
| 16 1700 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 16 2000 | 0.00 | 3.13 | 0.45 | 243 | 015 | 0 |
| 16 2300 | 0.00 | 0.89 | 0.00 | 253 | 018 | 0 |
| 17 200 | 0.00 | 0.45 | 0.00 | 356 | 049 | 0 |
| 17 500 | 0.45 | 2.24 | 0.45 | 050 | 008 | 0 |
| 17 800 | 0.45 | 2.24 | 0.45 | 031 | 007 | 1 |
| 17 1100 | 0.45 | 2.24 | 0.45 | 033 | 007 | 0 |
| 17 1400 | 1.34 | 3.13 | 0.89 | 317 | 005 | 0 |
| 17 1700 | 2.68 | 4.47 | 0.45 | 314 | 005 | 0 |
| 17 2000 | 0.89 | 3.13 | 0.45 | 317 | 011 | 0 |
| 17 2300 | 1.79 | 3.13 | 0.45 | 314 | 007 | 0 |
| 18 200 | 0.00 | 0.45 | 0.00 | 032 | 035 | 0 |
| 18 500 | 0.00 | 0.00 | 0.00 | 270 | 015 | 0 |
| 18 800 | 0.45 | 1.79 | 0.45 | 014 | 052 | 0 |
| 18 1100 | 2.24 | 3.58 | 0.89 | 313 | 005 | 0 |
| 18 1400 | 2.24 | 4.92 | 0.89 | 321 | 008 | 0 |
| 18 1700 | 0.45 | 2.24 | 0.45 | 304 | 028 | 0 |
| 18 2000 | 0.00 | 1.34 | 0.45 | 314 | 022 | 0 |
| 18 2300 | 0.00 | 1.79 | 0.45 | 253 | 036 | 0 |
| 19 200 | 2.24 | 4.47 | 0.89 | 298 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 500 | 0.89 | 2.68 | 0.45 | 291 | 026 | 0 |
| 19 800 | 0.45 | 2.24 | 0.45 | 304 | 014 | 0 |
| 19 1100 | 2.24 | 3.58 | 0.45 | 318 | 007 | 0 |
| 19 1400 | 1.34 | 3.13 | 0.45 | 286 | 007 | 0 |
| 19 1700 | 1.34 | 3.13 | 0.89 | 296 | 011 | 0 |
| 19 2000 | 0.45 | 1.79 | 0.45 | 279 | 016 | 0 |
| 19 2300 | 1.34 | 3.13 | 0.89 | 307 | 005 | 0 |
| 20 200 | 0.00 | 1.79 | 0.00 | 019 | 015 | 0 |
| 20 500 | 1.79 | 3.58 | 0.89 | 321 | 022 | 0 |
| 20 800 | 0.89 | 3.13 | 0.45 | 007 | 021 | 0 |
| 20 1100 | 1.34 | 4.47 | 0.89 | 066 | 026 | 0 |
| 20 1400 | 0.89 | 4.47 | 0.89 | 083 | 056 | 0 |
| 20 1700 | 1.79 | 2.68 | 0.45 | 305 | 007 | 0 |
| 20 2000 | 0.00 | 1.34 | 0.00 | 036 | 008 | 0 |
| 20 2300 | 0.45 | 1.79 | 0.45 | 296 | 009 | 0 |
| 21 200 | 0.00 | 1.79 | 0.45 | 308 | 069 | 0 |
| 21 500 | 0.00 | 1.79 | 0.45 | 066 | 053 | 0 |
| 21 800 | 0.00 | 1.79 | 0.45 | 066 | 043 | 0 |
| 21 1100 | 0.89 | 3.13 | 0.45 | 049 | 005 | 0 |
| 21 1400 | 0.89 | 4.47 | 0.89 | 038 | 023 | 0 |
| 21 1700 | 3.58 | 5.36 | 0.89 | 329 | 016 | 0 |
| 21 2000 | 3.58 | 5.36 | 0.45 | 321 | 008 | 0 |
| 21 2300 | 3.58 | 5.36 | 0.45 | 313 | 005 | 0 |
| 22 200 | 3.13 | 5.36 | 0.45 | 314 | 005 | 0 |
| 22 500 | 0.89 | 2.24 | 0.45 | 311 | 007 | 0 |
| 22 800 | 0.45 | 3.13 | 0.45 | 298 | 021 | 0 |
| 22 1100 | 6.71 | 10.28 | 2.24 | 315 | 005 | 0 |
| 22 1400 | 3.58 | 9.83 | 1.79 | 317 | 015 | 0 |
| 22 1700 | 4.92 | 11.18 | 2.24 | 344 | 025 | 0 |
| 22 2000 | 4.02 | 8.49 | 1.79 | 317 | 014 | 0 |
| 22 2300 | 3.58 | 6.71 | 1.34 | 311 | 011 | 0 |
| 23 200 | 3.58 | 6.26 | 1.34 | 322 | 008 | 0 |
| 23 500 | 3.58 | 6.71 | 1.34 | 307 | 012 | 0 |
| 23 800 | 3.13 | 6.26 | 1.79 | 301 | 011 | 0 |
| 23 1100 | 3.13 | 6.71 | 0.89 | 296 | 009 | 0 |
| 23 1400 | 1.79 | 6.71 | 1.34 | 262 | 046 | 0 |
| 23 1700 | 2.68 | 4.47 | 0.45 | 310 | 007 | 0 |
| 23 2000 | 1.79 | 3.13 | 0.45 | 305 | 005 | 0 |
| 23 2300 | 0.45 | 2.68 | 0.45 | 005 | 035 | 0 |
| 24 200 | 0.89 | 2.68 | 0.45 | 002 | 022 | 0 |
| 24 500 | 3.58 | 6.26 | 1.34 | 001 | 011 | 0 |
| 24 800 | 2.24 | 6.26 | 0.89 | 334 | 021 | 0 |
| 24 1100 | 3.13 | 5.81 | 0.89 | 335 | 015 | 0 |
| 24 1400 | 8.05 | 11.62 | 1.34 | 315 | 004 | 0 |
| 24 1700 | 7.15 | 10.73 | 1.79 | 315 | 005 | 0 |
| 24 2000 | 5.36 | 8.94 | 1.34 | 339 | 012 | 0 |
| 24 2300 | 4.02 | 7.15 | 0.89 | 332 | 011 | 0 |
| 25 200 | 3.58 | 6.71 | 0.89 | 334 | 011 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 25 800 | 2.24 | 4.47 | 0.89 | 303 | 007 | 0 |
| 25 1100 | 0.89 | 2.24 | 0.45 | 283 | 009 | 0 |
| 25 1400 | 0.45 | 1.34 | 0.45 | 282 | 005 | 0 |
| 25 1700 | 0.00 | 0.89 | 0.00 | 276 | 011 | 0 |
| 25 2000 | 1.34 | 3.58 | 0.45 | 043 | 007 | 0 |
| 25 2300 | 9.39 | 13.41 | 1.79 | 087 | 005 | 0 |
| 26 200 | 13.41 | 18.33 | 1.79 | 077 | 004 | 0 |
| 26 500 | 12.96 | 18.78 | 2.68 | 069 | 004 | 1 |
| 26 800 | 10.73 | 19.67 | 3.13 | 059 | 008 | 1 |
| 26 1100 | 8.49 | 15.65 | 2.68 | 012 | 014 | 0 |
| 26 1400 | 13.86 | 19.22 | 2.24 | 320 | 005 | 0 |
| 26 1700 | 3.58 | 8.05 | 1.34 | 314 | 018 | 0 |
| 26 2000 | 0.00 | 0.45 | 0.00 | 296 | 018 | 0 |
| 26 2300 | 0.00 | 0.45 | 0.00 | 267 | 009 | 0 |
| 27 200 | 0.00 | 0.45 | 0.00 | 291 | 008 | 0 |
| 27 500 | 0.00 | 0.89 | 0.00 | 272 | 007 | 0 |
| 27 800 | 0.00 | 0.45 | 0.00 | 272 | 007 | 0 |
| 27 1100 | 0.45 | 1.79 | 0.45 | 280 | 004 | 0 |
| 27 1400 | 1.79 | 3.58 | 0.89 | 035 | 008 | 0 |
| 27 1700 | 4.92 | 6.71 | 0.89 | 314 | 007 | 0 |
| 27 2000 | 6.26 | 9.39 | 1.79 | 307 | 005 | 0 |
| 27 2300 | 5.36 | 39.79 | 2.24 | 315 | 014 | 0 |
| 28 200 | 0.00 | 0.89 | 0.00 | 273 | 043 | 0 |
| 28 500 | 0.00 | 1.79 | 0.00 | 300 | 014 | 0 |
| 28 800 | 1.34 | 5.36 | 1.79 | 334 | 038 | 0 |
| 28 1100 | 0.45 | 2.24 | 0.45 | 355 | 043 | 0 |
| 28 1400 | 0.00 | 2.24 | 0.45 | 311 | 059 | 1 |
| 28 1700 | 0.00 | 0.45 | 0.00 | 308 | 014 | 1 |
| 28 2000 | 0.45 | 16.99 | 3.13 | 208 | 053 | 1 |
| 28 2300 | 2.24 | 8.49 | 2.24 | 164 | 012 | 1 |
| 29 200 | 1.79 | 8.49 | 1.79 | 224 | 040 | 1 |
| 29 500 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 800 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1400 | 6.26 | 10.73 | 1.79 | 205 | 007 | 1 |
| 29 1700 | 8.94 | 9.39 | 0.00 | 193 | 001 | 1 |
| 29 2000 | 6.26 | 10.73 | 1.79 | 197 | 004 | 0 |
| 29 2300 | 6.71 | 12.07 | 1.79 | 219 | 004 | 0 |
| 30 200 | 6.71 | 13.86 | 2.24 | 219 | 007 | 0 |
| 30 500 | 9.39 | 13.41 | 2.24 | 212 | 004 | 1 |
| 30 800 | 1.79 | 3.58 | 0.45 | 212 | 014 | 1 |
| 30 1100 | 0.00 | 0.00 | 0.00 | 315 | 046 | 1 |
| 30 1400 | 0.00 | 52.75 | 3.58 | 277 | 008 | 0 |
| 30 1700 | 0.00 | 0.45 | 0.00 | 273 | 016 | 1 |
| 30 2000 | 0.00 | 0.45 | 0.00 | 256 | 009 | 1 |
| 30 2300 | 3.58 | 6.26 | 0.89 | 305 | 004 | 0 |
| 31 200 | 0.45 | 2.68 | 0.89 | 313 | 007 | 0 |
| 31 500 | 0.00 | 0.45 | 0.00 | 276 | 039 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 31 800 | 0.00 | 0.45 | 0.00 | 250 | 032 | 0 |
| 31 1100 | 0.45 | 1.79 | 0.45 | 253 | 021 | 0 |
| 31 1400 | 0.89 | 3.13 | 0.45 | 262 | 018 | 0 |
| 31 1700 | 1.34 | 3.13 | 0.45 | 255 | 008 | 0 |
| 31 2000 | 0.89 | 2.68 | 0.45 | 267 | 016 | 1 |
| 31 2300 | 0.89 | 2.68 | 0.45 | 231 | 008 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 200 | 0.89 | 2.24 | 0.45 | 258 | 022 | 0 |
| 1 500 | 0.00 | 0.45 | 0.00 | 286 | 018 | 0 |
| 1 800 | 0.00 | 0.45 | 0.00 | 265 | 008 | 1 |
| 1 1100 | 4.92 | 9.39 | 1.34 | 102 | 007 | 0 |
| 1 1400 | 11.18 | 15.20 | 1.79 | 081 | 005 | 0 |
| 1 1700 | 9.39 | 15.20 | 2.24 | 077 | 007 | 0 |
| 1 2000 | 3.13 | 5.36 | 0.89 | 300 | 007 | 0 |
| 1 2300 | 6.26 | 8.05 | 1.34 | 313 | 004 | 0 |
| 2 200 | 7.15 | 11.18 | 1.34 | 318 | 005 | 0 |
| 2 500 | 8.05 | 12.52 | 1.79 | 321 | 005 | 0 |
| 2 800 | 4.92 | 8.05 | 0.89 | 324 | 005 | 0 |
| 2 1100 | 4.47 | 8.49 | 1.79 | 328 | 009 | 0 |
| 2 1400 | 0.00 | 0.45 | 0.00 | 214 | 022 | 0 |
| 2 1700 | 2.24 | 3.58 | 0.45 | 311 | 005 | 0 |
| 2 2000 | 0.45 | 2.24 | 0.45 | 273 | 008 | 0 |
| 3 100 | 1.79 | 3.58 | 0.45 | 256 | 011 | 1 |
| 3 300 | 2.68 | 4.02 | 0.89 | 305 | 004 | 1 |
| 3 600 | 1.79 | 4.92 | 0.89 | 305 | 012 | 0 |
| 3 900 | 1.79 | 3.13 | 0.45 | 308 | 009 | 0 |
| 3 1200 | 1.79 | 3.58 | 0.89 | 324 | 018 | 0 |
| 3 1500 | 4.47 | 7.15 | 1.34 | 351 | 011 | 0 |
| 3 1800 | 5.36 | 9.39 | 1.79 | 009 | 005 | 0 |
| 3 2100 | 8.94 | 13.86 | 2.24 | 001 | 011 | 0 |
| 4 0 | 4.92 | 12.07 | 1.79 | 023 | 007 | 0 |
| 4 300 | 9.83 | 15.65 | 2.68 | 000 | 009 | 0 |
| 4 600 | 8.05 | 13.86 | 2.24 | 311 | 007 | 0 |
| 4 900 | 15.20 | 19.67 | 1.79 | 318 | 004 | 0 |
| 4 1200 | 9.83 | 15.20 | 2.24 | 317 | 005 | 0 |
| 4 1500 | 1.79 | 6.26 | 1.79 | 262 | 026 | 0 |
| 4 1800 | 5.36 | 8.49 | 1.34 | 236 | 007 | 0 |
| 4 2100 | 3.58 | 6.71 | 0.89 | 229 | 023 | 0 |
| 5 0 | 3.58 | 5.36 | 0.45 | 231 | 008 | 0 |
| 5 300 | 1.79 | 4.02 | 0.89 | 253 | 022 | 1 |
| 5 600 | 1.79 | 4.92 | 0.89 | 314 | 014 | 1 |
| 5 900 | 4.92 | 6.71 | 1.34 | 314 | 002 | 0 |
| 5 1200 | 1.34 | 4.02 | 0.89 | 308 | 012 | 0 |
| 5 1500 | 4.47 | 6.26 | 0.45 | 311 | 004 | 0 |
| 5 1800 | 6.71 | 8.49 | 0.45 | 315 | 004 | 0 |
| 5 2100 | 4.47 | 8.49 | 1.34 | 311 | 004 | 0 |
| 6 0 | 4.47 | 6.71 | 0.45 | 313 | 004 | 0 |
| 6 300 | 5.81 | 7.60 | 1.79 | 314 | 004 | 1 |
| 6 600 | 4.92 | 8.05 | 0.89 | 317 | 004 | 1 |
| 6 900 | 6.26 | 8.05 | 1.34 | 313 | 004 | 1 |
| 6 1200 | 5.36 | 7.60 | 1.34 | 315 | 004 | 1 |
| 6 1500 | 6.71 | 9.83 | 0.45 | 315 | 005 | 1 |
| 6 1800 | 7.15 | 9.83 | 0.89 | 314 | 005 | 0 |
| 6 2100 | 8.05 | 10.73 | 1.79 | 313 | 004 | 0 |
| 7 0 | 7.60 | 42.92 | 3.13 | 303 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 300 | 5.36 | 10.73 | 1.79 | 301 | 007 | 1 |
| 7 600 | 0.45 | 3.58 | 0.45 | 283 | 032 | 1 |
| 7 900 | 0.89 | 3.13 | 0.45 | 280 | 009 | 1 |
| 7 1200 | 1.79 | 4.02 | 0.45 | 269 | 026 | 1 |
| 7 1500 | 0.89 | 3.58 | 0.89 | 258 | 028 | 0 |
| 7 1800 | 0.00 | 1.79 | 0.45 | 297 | 011 | 0 |
| 7 2100 | 0.45 | 1.79 | 0.45 | 283 | 012 | 0 |
| 8 0 | 0.00 | 0.89 | 0.00 | 287 | 022 | 1 |
| 8 300 | 3.58 | 5.36 | 0.89 | 314 | 004 | 0 |
| 8 600 | 6.26 | 8.49 | 0.89 | 307 | 004 | 0 |
| 8 900 | 6.26 | 8.94 | 0.89 | 310 | 004 | 0 |
| 8 1200 | 5.36 | 8.49 | 0.89 | 313 | 005 | 0 |
| 8 1500 | 4.47 | 6.26 | 0.89 | 303 | 005 | 0 |
| 8 1800 | 5.36 | 39.79 | 2.24 | 311 | 018 | 0 |
| 8 2100 | 7.60 | 16.09 | 0.89 | 314 | 005 | 1 |
| 9 0 | 6.26 | 8.05 | 0.89 | 311 | 005 | 1 |
| 9 300 | 5.81 | 8.94 | 1.79 | 317 | 004 | 1 |
| 9 600 | 3.13 | 37.10 | 3.13 | 315 | 019 | 1 |
| 9 900 | 3.13 | 5.81 | 0.89 | 300 | 008 | 1 |
| 9 1200 | 4.92 | 7.15 | 1.79 | 301 | 009 | 1 |
| 9 1500 | 4.47 | 6.26 | 0.89 | 305 | 005 | 1 |
| 9 1800 | 3.13 | 4.92 | 0.89 | 313 | 005 | 1 |
| 9 2100 | 2.24 | 3.58 | 0.45 | 314 | 009 | 1 |
| 10 0 | 1.79 | 3.58 | 0.45 | 290 | 009 | 1 |
| 10 300 | 0.45 | 1.79 | 0.45 | 293 | 008 | 1 |
| 10 600 | 0.89 | 1.79 | 0.00 | 280 | 004 | 1 |
| 10 900 | 0.45 | 2.24 | 0.45 | 276 | 007 | 1 |
| 10 1200 | 1.79 | 3.58 | 0.89 | 311 | 023 | 1 |
| 10 1500 | 3.58 | 4.92 | 0.45 | 313 | 004 | 1 |
| 10 1800 | 3.58 | 4.92 | 0.89 | 314 | 005 | 1 |
| 10 2100 | 4.92 | 6.26 | 0.89 | 308 | 002 | 1 |
| 11 0 | 4.02 | 5.36 | 0.45 | 308 | 004 | 1 |
| 11 300 | 3.13 | 5.81 | 1.34 | 315 | 005 | 0 |
| 11 600 | 2.24 | 3.58 | 0.89 | 300 | 012 | 1 |
| 11 900 | 0.00 | 0.89 | 0.00 | 286 | 006 | 1 |
| 11 1200 | 0.00 | 0.89 | 0.00 | 245 | 019 | 1 |
| 11 1500 | 0.00 | 0.45 | 0.00 | 301 | 052 | 0 |
| 11 1800 | 0.45 | 2.24 | 0.45 | 273 | 008 | 1 |
| 11 2100 | 0.00 | 0.45 | 0.00 | 289 | 060 | 1 |
| 12 0 | 2.24 | 4.47 | 0.89 | 097 | 011 | 1 |
| 12 300 | 0.89 | 3.58 | 0.89 | 066 | 011 | 1 |
| 12 600 | 2.24 | 9.83 | 0.89 | 038 | 011 | 1 |
| 12 900 | 3.13 | 6.71 | 0.89 | 036 | 009 | 1 |
| 12 1200 | 5.81 | 10.28 | 2.24 | 008 | 007 | 1 |
| 12 1500 | 8.49 | 13.41 | 1.79 | 005 | 008 | 1 |
| 12 1800 | 7.60 | 12.52 | 0.89 | 339 | 008 | 1 |
| 12 2100 | 7.60 | 12.07 | 1.34 | 336 | 006 | 1 |
| 13 0 | 7.60 | 11.62 | 1.79 | 311 | 005 | 1 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 600 | 11.18 | 15.20 | 2.24 | 317 | 004 | 1 |
| 13 900 | 12.52 | 16.99 | 1.79 | 314 | 004 | 1 |
| 13 1200 | 12.07 | 16.09 | 1.34 | 314 | 004 | 1 |
| 13 1500 | 8.94 | 12.52 | 2.24 | 311 | 004 | 1 |
| 13 1800 | 7.60 | 12.52 | 2.24 | 313 | 008 | 1 |
| 13 2100 | 7.60 | 11.62 | 0.89 | 314 | 005 | 1 |
| 14 0 | 8.49 | 12.52 | 1.79 | 314 | 004 | 1 |
| 14 300 | 7.15 | 9.39 | 0.45 | 315 | 004 | 1 |
| 14 600 | 5.36 | 7.15 | 0.89 | 313 | 004 | 1 |
| 14 900 | 2.24 | 4.47 | 0.89 | 311 | 008 | 1 |
| 14 1200 | 0.89 | 1.79 | 0.45 | 315 | 005 | 1 |
| 14 1500 | 0.45 | 2.68 | 0.45 | 276 | 008 | 1 |
| 14 1800 | 0.45 | 0.89 | 0.00 | 274 | 007 | 1 |
| 14 2100 | 0.45 | 1.34 | 0.00 | 282 | 008 | 1 |
| 15 0 | 1.79 | 6.26 | 1.79 | 129 | 059 | 1 |
| 15 300 | 0.00 | 0.89 | 0.00 | 188 | 014 | 1 |
| 15 600 | 0.45 | 2.24 | 0.45 | 318 | 014 | 1 |
| 15 900 | 2.24 | 5.36 | 1.34 | 014 | 008 | 1 |
| 15 1200 | 0.89 | 4.92 | 0.45 | 324 | 022 | 1 |
| 15 1500 | 5.36 | 7.60 | 0.89 | 313 | 007 | 1 |
| 15 1800 | 4.47 | 6.26 | 1.34 | 317 | 005 | 1 |
| 15 2100 | 1.79 | 5.81 | 1.79 | 345 | 040 | 1 |
| 16 0 | 0.45 | 3.13 | 0.45 | 345 | 021 | 1 |
| 16 300 | 0.89 | 2.68 | 0.45 | 317 | 005 | 1 |
| 16 600 | 1.79 | 3.13 | 0.45 | 311 | 005 | 1 |
| 16 900 | 1.79 | 4.02 | 0.89 | 317 | 009 | 1 |
| 16 1200 | 0.00 | 1.34 | 0.00 | 359 | 053 | 1 |
| 16 1500 | 5.36 | 10.73 | 1.79 | 097 | 014 | 1 |
| 16 1800 | 6.71 | 13.41 | 2.24 | 060 | 007 | 1 |
| 16 2100 | 8.05 | 12.52 | 1.34 | 043 | 004 | 1 |
| 17 0 | 2.24 | 7.60 | 0.89 | 029 | 005 | 1 |
| 17 300 | 1.79 | 4.92 | 0.89 | 000 | 022 | 1 |
| 17 600 | 8.05 | 10.73 | 1.34 | 307 | 002 | 1 |
| 17 900 | 6.71 | 8.94 | 0.89 | 311 | 004 | 1 |
| 17 1200 | 11.18 | 17.88 | 3.13 | 300 | 005 | 1 |
| 17 1500 | 5.36 | 11.18 | 2.24 | 303 | 008 | 1 |
| 17 1800 | 0.00 | 33.53 | 1.79 | 304 | 002 | 1 |
| 17 2100 | 0.00 | 1.79 | 0.00 | 081 | 019 | 1 |
| 18 0 | 2.24 | 4.47 | 0.45 | 308 | 005 | 0 |
| 18 300 | 0.45 | 3.13 | 0.45 | 162 | 071 | 0 |
| 18 600 | 3.58 | 6.71 | 1.34 | 328 | 014 | 0 |
| 18 900 | 3.58 | 5.81 | 0.89 | 317 | 005 | 0 |
| 18 1200 | 5.36 | 8.94 | 1.34 | 318 | 008 | 1 |
| 18 1500 | 3.13 | 6.71 | 0.89 | 320 | 008 | 0 |
| 18 1800 | 3.13 | 5.81 | 0.45 | 307 | 005 | 0 |
| 18 2100 | 2.24 | 3.58 | 0.45 | 313 | 008 | 0 |
| 19 0 | 3.13 | 5.36 | 1.34 | 002 | 011 | 0 |
| 19 300 | 5.36 | 8.49 | 1.79 | 324 | 007 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 600 | 5.36 | 8.94 | 0.89 | 318 | 007 | 0 |
| 19 900 | 14.75 | 19.67 | 2.24 | 313 | 004 | 0 |
| 19 1200 | 10.73 | 16.99 | 2.24 | 310 | 005 | 0 |
| 19 1500 | 9.83 | 15.65 | 2.24 | 308 | 007 | 0 |
| 19 1800 | 13.41 | 19.22 | 2.68 | 311 | 005 | 0 |
| 19 2100 | 16.54 | 24.14 | 3.13 | 311 | 004 | 0 |
| 20 0 | 18.78 | 27.27 | 2.68 | 315 | 004 | 0 |
| 20 300 | 21.01 | 28.16 | 3.13 | 314 | 004 | 1 |
| 20 600 | 20.12 | 26.82 | 3.58 | 311 | 004 | 1 |
| 20 900 | 19.22 | 25.48 | 2.24 | 314 | 004 | 1 |
| 20 1200 | 12.07 | 17.88 | 2.24 | 317 | 007 | 0 |
| 20 1500 | 9.39 | 13.86 | 2.24 | 296 | 005 | 1 |
| 20 1800 | 6.71 | 11.18 | 2.24 | 303 | 007 | 1 |
| 20 2100 | 0.89 | 3.13 | 0.45 | 313 | 011 | 0 |
| 21 0 | 0.00 | 0.89 | 0.00 | 308 | 009 | 0 |
| 21 300 | 0.00 | 0.45 | 0.00 | 341 | 069 | 0 |
| 21 600 | 0.89 | 4.47 | 0.89 | 114 | 031 | 0 |
| 21 900 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 21 1200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 21 1500 | 4.92 | 8.94 | 1.79 | 191 | 005 | 0 |
| 21 1800 | 3.58 | 7.60 | 1.34 | 201 | 009 | 0 |
| 21 2100 | 3.13 | 6.26 | 1.34 | 256 | 014 | 0 |
| 22 0 | 3.13 | 6.26 | 1.34 | 219 | 007 | 0 |
| 22 300 | 0.45 | 1.79 | 0.45 | 310 | 019 | 0 |
| 22 600 | 0.89 | 1.79 | 0.45 | 311 | 008 | 0 |
| 22 900 | 0.45 | 1.79 | 0.00 | 279 | 009 | 0 |
| 22 1200 | 0.00 | 0.89 | 0.00 | 262 | 009 | 0 |
| 22 1500 | 0.00 | 0.89 | 0.00 | 267 | 015 | 0 |
| 22 1800 | 0.45 | 1.79 | 0.00 | 276 | 007 | 0 |
| 22 2100 | 0.45 | 8.49 | 0.45 | 260 | 008 | 0 |
| 23 0 | 0.00 | 0.00 | 0.00 | 195 | 018 | 0 |
| 23 300 | 0.00 | 33.53 | 1.79 | 172 | 011 | 0 |
| 23 600 | 0.89 | 1.79 | 0.45 | 273 | 008 | 0 |
| 23 900 | 0.45 | 0.89 | 0.45 | 266 | 007 | 0 |
| 23 1200 | 0.00 | 0.89 | 0.00 | 263 | 028 | 1 |
| 23 1500 | 0.00 | 1.34 | 0.45 | 272 | 005 | 0 |
| 23 1800 | 0.89 | 2.24 | 0.45 | 267 | 008 | 0 |
| 23 2100 | 0.45 | 1.34 | 0.00 | 258 | 009 | 0 |
| 24 0 | 0.00 | 0.45 | 0.00 | 181 | 009 | 0 |
| 24 300 | 0.00 | 0.00 | 0.00 | 174 | 008 | 0 |
| 24 600 | 0.00 | 0.89 | 0.45 | 267 | 005 | 0 |
| 24 900 | 0.00 | 0.45 | 0.00 | 266 | 014 | 0 |
| 24 1200 | 0.45 | 2.24 | 0.45 | 286 | 021 | 0 |
| 24 1500 | 0.00 | 0.45 | 0.00 | 259 | 007 | 0 |
| 24 1800 | 0.89 | 1.79 | 0.45 | 277 | 008 | 0 |
| 24 2100 | 0.00 | 1.34 | 0.00 | 267 | 021 | 0 |
| 25 0 | 0.00 | 0.00 | 0.00 | 346 | 053 | 0 |
| 25 300 | 3.58 | 8.05 | 1.34 | 112 | 007 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 900 | 3.13 | 8.05 | 1.79 | 107 | 009 | 1 |
| 25 1200 | 3.13 | 6.26 | 1.34 | 104 | 009 | 1 |
| 25 1500 | 3.13 | 5.36 | 1.34 | 091 | 004 | 1 |
| 25 1800 | 4.92 | 7.60 | 0.89 | 081 | 004 | 1 |
| 25 2100 | 6.71 | 10.73 | 1.79 | 073 | 004 | 1 |
| 26 0 | 8.49 | 11.18 | 1.79 | 070 | 007 | 0 |
| 26 300 | 8.49 | 15.20 | 2.24 | 076 | 005 | 0 |
| 26 600 | 6.71 | 11.18 | 2.24 | 066 | 005 | 0 |
| 26 900 | 6.26 | 11.62 | 2.24 | 059 | 004 | 0 |
| 26 1200 | 7.15 | 13.41 | 2.24 | 062 | 004 | 0 |
| 26 1500 | 9.39 | 15.20 | 3.13 | 066 | 004 | 0 |
| 26 1800 | 7.60 | 12.96 | 1.79 | 056 | 005 | 0 |
| 26 2100 | 7.60 | 12.96 | 2.24 | 053 | 011 | 0 |
| 27 0 | 5.81 | 9.39 | 1.79 | 042 | 005 | 0 |
| 27 300 | 8.05 | 12.96 | 2.24 | 039 | 011 | 0 |
| 27 600 | 7.15 | 12.07 | 2.24 | 007 | 009 | 0 |
| 27 900 | 8.05 | 12.07 | 1.79 | 002 | 008 | 0 |
| 27 1200 | 6.26 | 10.28 | 1.79 | 348 | 015 | 0 |
| 27 1500 | 3.58 | 7.60 | 1.79 | 338 | 012 | 0 |
| 27 1800 | 1.79 | 4.92 | 0.89 | 305 | 012 | 0 |
| 27 2100 | 3.58 | 6.71 | 0.89 | 318 | 007 | 0 |
| 28 0 | 5.36 | 8.49 | 1.34 | 314 | 005 | 0 |
| 28 300 | 6.26 | 9.39 | 1.79 | 311 | 004 | 0 |
| 28 600 | 6.71 | 9.83 | 1.79 | 315 | 005 | 0 |
| 28 900 | 9.39 | 11.18 | 0.89 | 313 | 002 | 0 |
| 28 1200 | 9.39 | 12.52 | 1.79 | 313 | 004 | 0 |
| 28 1500 | 6.26 | 11.18 | 1.79 | 325 | 011 | 0 |
| 28 1800 | 8.05 | 11.18 | 0.89 | 332 | 007 | 0 |
| 28 2100 | 8.94 | 13.86 | 2.24 | 314 | 005 | 0 |
| 29 0 | 6.71 | 41.57 | 2.24 | 328 | 015 | 0 |
| 29 300 | 9.83 | 14.75 | 1.79 | 004 | 008 | 0 |
| 29 600 | 8.05 | 13.41 | 1.79 | 005 | 012 | 0 |
| 29 900 | 6.26 | 11.18 | 2.24 | 345 | 014 | 1 |
| 29 1200 | 6.26 | 11.62 | 1.79 | 345 | 012 | 1 |
| 29 1500 | 5.36 | 11.18 | 1.79 | 351 | 015 | 1 |
| 29 1800 | 5.81 | 8.94 | 0.89 | 318 | 008 | 1 |
| 29 2100 | 2.24 | 5.81 | 1.34 | 358 | 046 | 0 |
| 30 200 | 6.71 | 13.86 | 2.24 | 219 | 007 | 0 |
| 30 500 | 9.39 | 13.41 | 2.24 | 212 | 004 | 1 |
| 30 800 | 1.79 | 3.58 | 0.45 | 212 | 014 | 1 |
| 30 1100 | 0.00 | 0.00 | 0.00 | 315 | 046 | 1 |
| 30 1400 | 0.00 | 52.75 | 3.58 | 277 | 008 | 0 |
| 30 1700 | 0.00 | 0.45 | 0.00 | 273 | 016 | 1 |
| 30 2000 | 0.00 | 0.45 | 0.00 | 256 | 009 | 1 |
| 30 2300 | 3.58 | 6.26 | 0.89 | 305 | 004 | 0 |
| 31 200 | 0.45 | 2.68 | 0.89 | 313 | 007 | 0 |
| 31 500 | 0.00 | 0.45 | 0.00 | 276 | 039 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 800 | 0.00 | 0.45 | 0.00 | 250 | 032 | 0 |
| 31 1100 | 0.45 | 1.79 | 0.45 | 253 | 021 | 0 |
| 31 1400 | 0.89 | 3.13 | 0.45 | 262 | 018 | 0 |
| 31 1700 | 1.34 | 3.13 | 0.45 | 255 | 008 | 0 |
| 31 2000 | 0.89 | 2.68 | 0.45 | 267 | 016 | 1 |
| 31 2300 | 0.89 | 2.68 | 0.45 | 231 | 008 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 0 | 0.89 | 33.98 | 1.79 | 053 | 005 | 0 |
| 1 300 | 4.02 | 5.36 | 0.89 | 313 | 004 | 0 |
| 1 600 | 3.58 | 6.26 | 0.89 | 318 | 005 | 0 |
| 1 900 | 6.26 | 9.83 | 1.34 | 320 | 007 | 1 |
| 1 1200 | 8.05 | 11.18 | 1.79 | 314 | 004 | 1 |
| 1 1500 | 6.71 | 10.73 | 1.34 | 307 | 005 | 1 |
| 1 1800 | 7.15 | 11.18 | 0.89 | 310 | 004 | 0 |
| 1 2100 | 8.94 | 11.62 | 1.79 | 315 | 004 | 0 |
| 2 0 | 5.36 | 9.39 | 0.89 | 321 | 005 | 0 |
| 2 300 | 3.13 | 20.12 | 0.89 | 304 | 007 | 0 |
| 2 600 | 4.92 | 7.60 | 0.89 | 313 | 005 | 0 |
| 2 900 | 7.60 | 10.28 | 1.34 | 311 | 004 | 0 |
| 2 1200 | 1.34 | 4.92 | 0.89 | 259 | 012 | 0 |
| 2 1500 | 0.45 | 3.58 | 0.89 | 242 | 032 | 0 |
| 2 1800 | 3.58 | 7.15 | 1.34 | 164 | 008 | 0 |
| 2 2100 | 8.05 | 11.18 | 2.24 | 155 | 002 | 0 |
| 3 0 | 9.83 | 12.52 | 0.89 | 141 | 005 | 0 |
| 3 300 | 5.36 | 9.83 | 2.24 | 156 | 005 | 0 |
| 3 600 | 1.79 | 4.92 | 0.89 | 229 | 014 | 0 |
| 3 900 | 0.89 | 3.58 | 0.89 | 200 | 015 | 0 |
| 3 1200 | 0.00 | 1.79 | 0.00 | 193 | 014 | 0 |
| 3 1500 | 0.45 | 4.92 | 0.89 | 142 | 025 | 0 |
| 3 1800 | 3.13 | 5.36 | 0.89 | 087 | 007 | 0 |
| 3 2100 | 6.71 | 12.52 | 1.79 | 087 | 005 | 0 |
| 4 0 | 11.62 | 16.54 | 2.24 | 074 | 004 | 0 |
| 4 300 | 8.05 | 12.52 | 1.79 | 071 | 008 | 0 |
| 4 600 | 8.05 | 13.41 | 2.24 | 163 | 004 | 0 |
| 4 900 | 8.05 | 12.96 | 1.79 | 163 | 002 | 0 |
| 4 1200 | 8.05 | 12.07 | 1.79 | 160 | 004 | 0 |
| 4 1500 | 0.45 | 2.24 | 0.45 | 190 | 042 | 0 |
| 4 1800 | 1.34 | 5.36 | 1.79 | 187 | 035 | 0 |
| 4 2100 | 2.24 | 5.36 | 0.89 | 188 | 012 | 0 |
| 5 0 | 0.89 | 3.13 | 0.89 | 152 | 029 | 0 |
| 5 300 | 0.89 | 3.58 | 0.89 | 105 | 014 | 0 |
| 5 600 | 4.92 | 10.28 | 1.34 | 062 | 004 | 0 |
| 5 900 | 11.62 | 15.20 | 1.34 | 078 | 004 | 1 |
| 5 1200 | 4.92 | 8.05 | 0.89 | 102 | 004 | 1 |
| 5 1500 | 3.58 | 7.60 | 1.34 | 105 | 005 | 1 |
| 5 1800 | 6.26 | 8.94 | 1.79 | 132 | 002 | 1 |
| 5 2100 | 3.13 | 4.92 | 0.45 | 149 | 007 | 1 |
| 6 0 | 1.79 | 3.58 | 0.45 | 135 | 011 | 0 |
| 6 300 | 0.00 | 0.89 | 0.00 | 111 | 007 | 0 |
| 6 600 | 0.89 | 2.24 | 0.45 | 112 | 011 | 0 |
| 6 900 | 0.00 | 0.89 | 0.00 | 076 | 011 | 0 |
| 6 1200 | 0.00 | 1.79 | 0.00 | 062 | 009 | 1 |
| 6 1500 | 1.34 | 4.47 | 1.34 | 063 | 011 | 1 |
| 6 1800 | 4.47 | 6.71 | 1.34 | 074 | 005 | 0 |
| 6 2100 | 6.26 | 8.94 | 1.34 | 074 | 005 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 0 | 9.39 | 12.96 | 2.24 | 086 | 004 | 0 |
| 7 300 | 4.02 | 7.15 | 1.79 | 109 | 002 | 1 |
| 7 600 | 4.92 | 6.26 | 0.89 | 132 | 001 | 1 |
| 7 900 | 0.00 | 2.24 | 0.00 | 212 | 031 | 0 |
| 7 1200 | 0.45 | 2.24 | 0.45 | 200 | 009 | 0 |
| 7 1500 | 0.00 | 1.79 | 0.45 | 207 | 029 | 0 |
| 7 1800 | 0.00 | 0.00 | 0.00 | 258 | 029 | 0 |
| 7 2100 | 0.00 | 0.45 | 0.00 | 093 | 008 | 0 |
| 8 0 | 0.45 | 2.24 | 0.45 | 071 | 053 | 0 |
| 8 300 | 0.00 | 1.34 | 0.00 | 042 | 031 | 0 |
| 8 600 | 1.79 | 5.36 | 0.89 | 339 | 023 | 0 |
| 8 900 | 2.68 | 5.36 | 0.89 | 026 | 011 | 0 |
| 8 1200 | 3.58 | 6.71 | 1.79 | 066 | 005 | 0 |
| 8 1500 | 3.13 | 6.71 | 0.89 | 094 | 011 | 0 |
| 8 1800 | 3.58 | 6.71 | 0.89 | 066 | 005 | 0 |
| 8 2100 | 8.49 | 9.39 | 1.34 | 080 | 004 | 1 |
| 9 0 | 6.26 | 10.28 | 1.79 | 063 | 008 | 1 |
| 9 300 | 10.73 | 15.20 | 2.24 | 086 | 004 | 0 |
| 9 600 | 7.60 | 14.31 | 2.24 | 102 | 007 | 1 |
| 9 900 | 10.73 | 16.99 | 2.24 | 145 | 018 | 1 |
| 9 1200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 9 1500 | 3.13 | 5.81 | 1.34 | 107 | 007 | 1 |
| 9 1800 | 6.26 | 8.05 | 0.45 | 125 | 002 | 1 |
| 9 2100 | 4.47 | 6.71 | 0.89 | 129 | 001 | 0 |
| 10 0 | 2.24 | 4.92 | 0.45 | 107 | 005 | 1 |
| 10 300 | 3.13 | 6.71 | 1.34 | 095 | 004 | 1 |
| 10 600 | 3.58 | 6.26 | 1.34 | 097 | 004 | 0 |
| 10 900 | 5.36 | 8.05 | 0.45 | 073 | 004 | 0 |
| 10 1200 | 3.58 | 6.71 | 1.34 | 095 | 005 | 0 |
| 10 1500 | 2.24 | 4.47 | 0.45 | 111 | 004 | 0 |
| 10 1800 | 2.24 | 3.58 | 0.89 | 114 | 004 | 1 |
| 10 2100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 11 0 | 1.79 | 2.68 | 0.45 | 091 | 002 | 1 |
| 11 300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 11 600 | 3.13 | 5.36 | 0.89 | 101 | 005 | 1 |
| 11 900 | 2.24 | 6.26 | 0.89 | 105 | 007 | 1 |
| 11 1200 | 3.13 | 4.47 | 0.89 | 115 | 002 | 1 |
| 11 1500 | 2.24 | 3.58 | 0.45 | 087 | 004 | 1 |
| 11 1800 | 2.24 | 3.58 | 0.89 | 081 | 004 | 0 |
| 11 2100 | 3.13 | 4.47 | 0.89 | 080 | 001 | 1 |
| 12 0 | 2.24 | 12.07 | 1.34 | 093 | 007 | 1 |
| 12 300 | 0.00 | 0.45 | 0.00 | 108 | 005 | 1 |
| 12 600 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 12 900 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 12 1200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 12 1500 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 12 1800 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 12 2100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 300 | 1.34 | 3.13 | 0.45 | 114 | 005 | 0 |
| 13 600 | 0.45 | 1.79 | 0.45 | 083 | 015 | 0 |
| 13 900 | 1.34 | 1.79 | 0.00 | 128 | 009 | 1 |
| 13 1200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 13 1500 | 0.45 | 1.79 | 0.45 | 172 | 015 | 0 |
| 13 1800 | 0.89 | 3.13 | 0.45 | 101 | 014 | 0 |
| 13 2100 | 0.45 | 1.79 | 0.00 | 143 | 007 | 0 |
| 14 0 | 0.89 | 2.24 | 0.45 | 142 | 019 | 0 |
| 14 300 | 1.34 | 3.13 | 0.45 | 174 | 007 | 0 |
| 14 600 | 0.00 | 0.89 | 0.00 | 156 | 012 | 0 |
| 14 900 | 0.00 | 0.00 | 0.00 | 129 | 026 | 0 |
| 14 1200 | 0.00 | 2.24 | 0.00 | 325 | 060 | 0 |
| 14 1500 | 0.89 | 4.47 | 1.34 | 193 | 049 | 0 |
| 14 1800 | 4.92 | 6.71 | 0.89 | 128 | 002 | 0 |
| 14 2100 | 3.13 | 6.26 | 0.89 | 141 | 009 | 0 |
| 15 0 | 0.89 | 3.13 | 0.45 | 101 | 007 | 0 |
| 15 300 | 3.58 | 4.92 | 0.45 | 128 | 005 | 0 |
| 15 600 | 8.05 | 11.18 | 1.79 | 131 | 001 | 0 |
| 15 900 | 6.71 | 9.83 | 1.34 | 132 | 004 | 0 |
| 15 1200 | 5.36 | 8.49 | 1.34 | 133 | 005 | 0 |
| 15 1500 | 4.02 | 8.05 | 1.34 | 088 | 008 | 0 |
| 15 1800 | 5.36 | 7.60 | 0.45 | 078 | 004 | 0 |
| 15 2100 | 4.92 | 7.15 | 0.45 | 073 | 004 | 0 |
| 16 0 | 3.58 | 6.71 | 0.89 | 076 | 004 | 0 |
| 16 300 | 3.58 | 5.81 | 0.89 | 083 | 005 | 0 |
| 16 600 | 3.58 | 7.60 | 0.89 | 067 | 005 | 0 |
| 16 900 | 4.47 | 6.26 | 0.89 | 067 | 002 | 1 |
| 16 1200 | 5.36 | 6.71 | 0.89 | 070 | 001 | 1 |
| 16 1500 | 4.47 | 6.26 | 0.89 | 083 | 004 | 1 |
| 16 1800 | 1.34 | 2.24 | 0.45 | 091 | 014 | 1 |
| 16 2100 | 3.58 | 22.35 | 2.24 | 088 | 005 | 0 |
| 17 0 | 2.24 | 5.81 | 0.89 | 094 | 009 | 0 |
| 17 300 | 2.24 | 4.47 | 0.89 | 091 | 012 | 0 |
| 17 600 | 3.58 | 5.36 | 0.89 | 084 | 004 | 0 |
| 17 900 | 4.92 | 7.60 | 0.45 | 071 | 004 | 0 |
| 17 1200 | 4.47 | 8.05 | 1.34 | 077 | 009 | 0 |
| 17 1500 | 3.58 | 7.15 | 1.34 | 102 | 014 | 0 |
| 17 1800 | 3.13 | 6.26 | 0.89 | 101 | 016 | 0 |
| 17 2100 | 3.13 | 6.26 | 1.34 | 074 | 007 | 0 |
| 18 0 | 4.02 | 7.60 | 0.89 | 080 | 005 | 0 |
| 18 300 | 4.92 | 10.28 | 1.79 | 077 | 009 | 0 |
| 18 600 | 2.68 | 6.71 | 0.89 | 062 | 012 | 0 |
| 18 900 | 2.24 | 5.36 | 0.89 | 047 | 005 | 0 |
| 18 1200 | 1.79 | 4.47 | 0.45 | 040 | 008 | 0 |
| 18 1500 | 3.58 | 6.26 | 0.89 | 007 | 007 | 0 |
| 18 1800 | 2.24 | 4.92 | 0.89 | 317 | 014 | 0 |
| 18 2100 | 6.71 | 9.83 | 0.89 | 313 | 004 | 0 |
| 19 0 | 5.81 | 9.83 | 1.34 | 320 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 300 | 6.26 | 8.94 | 1.79 | 304 | 004 | 0 |
| 19 600 | 2.24 | 4.47 | 0.89 | 304 | 004 | 0 |
| 19 900 | 0.89 | 1.79 | 0.45 | 289 | 005 | 0 |
| 19 1200 | 0.89 | 1.79 | 0.45 | 279 | 004 | 0 |
| 19 1500 | 0.45 | 1.79 | 0.45 | 279 | 007 | 0 |
| 19 1800 | 0.89 | 1.79 | 0.00 | 267 | 009 | 0 |
| 19 2100 | 0.00 | 0.45 | 0.00 | 219 | 026 | 0 |
| 20 0 | 1.79 | 2.68 | 0.45 | 139 | 004 | 0 |
| 20 300 | 0.45 | 2.24 | 0.45 | 109 | 009 | 0 |
| 20 600 | 0.00 | 0.89 | 0.00 | 252 | 019 | 0 |
| 20 900 | 0.00 | 1.79 | 0.45 | 238 | 086 | 0 |
| 20 1200 | 0.45 | 0.89 | 0.00 | 266 | 005 | 0 |
| 20 1500 | 0.00 | 0.89 | 0.00 | 290 | 005 | 0 |
| 20 1800 | 0.00 | 54.99 | 3.13 | 183 | 045 | 0 |
| 20 2100 | 0.89 | 2.24 | 0.45 | 146 | 012 | 0 |
| 21 0 | 3.13 | 10.73 | 0.89 | 143 | 007 | 0 |
| 21 300 | 5.36 | 7.60 | 0.89 | 150 | 009 | 0 |
| 21 600 | 3.13 | 7.60 | 1.34 | 152 | 009 | 0 |
| 21 900 | 4.92 | 7.60 | 1.34 | 159 | 007 | 0 |
| 21 1200 | 5.81 | 8.94 | 0.89 | 150 | 005 | 0 |
| 21 1500 | 5.36 | 9.39 | 1.34 | 133 | 005 | 0 |
| 21 1800 | 5.81 | 9.83 | 1.34 | 132 | 005 | 0 |
| 21 2100 | 6.71 | 10.28 | 1.34 | 129 | 005 | 0 |
| 22 0 | 6.71 | 9.83 | 1.79 | 125 | 002 | 0 |
| 22 300 | 3.13 | 7.15 | 1.34 | 104 | 007 | 0 |
| 22 600 | 3.13 | 6.26 | 0.89 | 097 | 005 | 0 |
| 22 900 | 3.13 | 9.39 | 1.34 | 101 | 007 | 0 |
| 22 1200 | 4.47 | 8.94 | 1.79 | 111 | 008 | 0 |
| 22 1500 | 1.79 | 4.92 | 0.89 | 081 | 011 | 0 |
| 22 1800 | 0.89 | 4.92 | 0.89 | 052 | 019 | 0 |
| 22 2100 | 0.89 | 2.24 | 0.45 | 036 | 012 | 0 |
| 23 0 | 0.45 | 1.79 | 0.45 | 324 | 025 | 0 |
| 23 300 | 6.26 | 8.94 | 1.79 | 318 | 004 | 0 |
| 23 600 | 4.47 | 6.26 | 0.89 | 308 | 004 | 0 |
| 23 900 | 1.79 | 3.13 | 0.89 | 290 | 005 | 0 |
| 23 1200 | 5.36 | 7.60 | 0.89 | 304 | 005 | 0 |
| 23 1500 | 1.79 | 3.58 | 0.45 | 286 | 009 | 0 |
| 23 1800 | 0.45 | 1.34 | 0.00 | 287 | 009 | 0 |
| 23 2100 | 0.89 | 1.79 | 0.45 | 186 | 005 | 0 |
| 24 0 | 2.24 | 3.13 | 0.00 | 126 | 002 | 0 |
| 24 300 | 0.89 | 3.13 | 0.89 | 133 | 029 | 0 |
| 24 600 | 0.45 | 2.68 | 0.45 | 197 | 016 | 0 |
| 24 900 | 0.45 | 1.79 | 0.45 | 131 | 005 | 0 |
| 24 1200 | 3.13 | 4.47 | 0.89 | 128 | 002 | 0 |
| 24 1500 | 3.13 | 5.36 | 0.89 | 087 | 007 | 0 |
| 24 1800 | 4.47 | 6.71 | 1.34 | 080 | 004 | 0 |
| 24 2100 | 2.24 | 5.36 | 0.89 | 073 | 008 | 0 |
| 25 0 | 1.79 | 4.92 | 0.45 | 056 | 008 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 600 | 0.89 | 4.02 | 0.89 | 026 | 007 | 0 |
| 25 900 | 0.89 | 3.13 | 0.45 | 324 | 005 | 0 |
| 25 1200 | 1.34 | 3.13 | 0.45 | 313 | 007 | 0 |
| 25 1500 | 4.02 | 6.26 | 1.34 | 310 | 004 | 0 |
| 25 1800 | 3.13 | 4.47 | 0.45 | 315 | 005 | 0 |
| 25 2100 | 0.00 | 0.45 | 0.00 | 215 | 050 | 0 |
| 26 0 | 0.45 | 1.34 | 0.00 | 114 | 008 | 0 |
| 26 300 | 0.89 | 1.79 | 0.45 | 080 | 005 | 0 |
| 26 600 | 0.00 | 0.89 | 0.45 | 176 | 038 | 0 |
| 26 900 | 0.45 | 1.79 | 0.45 | 204 | 012 | 0 |
| 26 1200 | 0.00 | 0.89 | 0.00 | 210 | 035 | 0 |
| 26 1500 | 0.89 | 4.47 | 0.89 | 224 | 018 | 0 |
| 26 1800 | 4.92 | 7.60 | 1.79 | 212 | 004 | 0 |
| 26 2100 | 3.58 | 7.15 | 1.34 | 187 | 008 | 0 |
| 27 0 | 4.92 | 40.68 | 3.13 | 205 | 009 | 0 |
| 27 300 | 7.60 | 10.73 | 0.89 | 200 | 004 | 0 |
| 27 600 | 2.24 | 6.26 | 1.34 | 190 | 007 | 0 |
| 27 900 | 0.89 | 3.58 | 0.89 | 193 | 008 | 0 |
| 27 1200 | 0.45 | 1.79 | 0.00 | 248 | 009 | 0 |
| 27 1500 | 0.45 | 2.66 | 0.45 | 208 | 021 | 0 |
| 27 1800 | 0.00 | 0.89 | 0.00 | 208 | 012 | 0 |
| 27 2100 | 1.79 | 4.92 | 0.89 | 193 | 007 | 0 |
| 28 0 | 2.24 | 5.36 | 0.89 | 190 | 007 | 0 |
| 28 300 | 2.68 | 5.36 | 0.89 | 191 | 011 | 0 |
| 28 600 | 1.34 | 3.13 | 0.89 | 200 | 007 | 0 |
| 28 900 | 0.00 | 0.89 | 0.00 | 246 | 025 | 0 |
| 28 1200 | 0.00 | 0.00 | 0.00 | 266 | 014 | 0 |
| 28 1500 | 0.00 | 0.00 | 0.00 | 283 | 028 | 0 |
| 28 1800 | 0.00 | 0.00 | 0.00 | 329 | 039 | 0 |
| 28 2100 | 4.92 | 12.07 | 1.79 | 148 | 011 | 0 |
| 29 0 | 8.05 | 21.46 | 2.24 | 125 | 004 | 0 |
| 29 300 | 7.60 | 28.16 | 3.58 | 097 | 014 | 0 |
| 29 600 | 6.26 | 12.96 | 2.24 | 101 | 008 | 1 |
| 29 900 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1200 | 1.79 | 2.68 | 0.45 | 195 | 012 | 1 |
| 29 1500 | 7.15 | 9.83 | 0.89 | 139 | 002 | 0 |
| 29 1800 | 6.26 | 8.94 | 1.79 | 113 | 004 | 0 |
| 29 2100 | 4.92 | 8.49 | 0.89 | 090 | 005 | 0 |
| 30 0 | 2.68 | 5.81 | 1.34 | 063 | 007 | 0 |
| 30 300 | 3.58 | 6.71 | 0.89 | 069 | 009 | 0 |
| 30 600 | 3.13 | 6.26 | 1.79 | 066 | 025 | 1 |
| 30 900 | 1.34 | 3.58 | 0.45 | 050 | 004 | 0 |
| 30 1200 | 2.24 | 4.02 | 0.45 | 307 | 007 | 0 |
| 30 1500 | 0.00 | 0.89 | 0.00 | 302 | 014 | 0 |
| 30 1800 | 1.79 | 3.58 | 0.45 | 291 | 008 | 0 |
| 30 2100 | 0.45 | 1.34 | 0.45 | 169 | 004 | 0 |
| 31 0 | 1.79 | 2.24 | 0.45 | 149 | 005 | 0 |
| 31 300 | 1.34 | 3.13 | 0.45 | 228 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 600 | 3.58 | 7.15 | 0.89 | 188 | 005 | 0 |
| 31 900 | 4.02 | 8.49 | 1.79 | 193 | 007 | 0 |
| 31 1200 | 0.45 | 1.79 | 0.45 | 194 | 054 | 0 |
| 31 1500 | 0.00 | 1.79 | 0.45 | 270 | 029 | 1 |
| 31 1800 | 1.34 | 3.58 | 0.89 | 225 | 021 | 0 |
| 31 2100 | 4.92 | 8.94 | 2.24 | 194 | 004 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 1 0 | 4.47 | 7.15 | 1.79 | 179 | 012 | 0 |
| 1 300 | 5.81 | 8.05 | 0.89 | 170 | 004 | 0 |
| 1 600 | 4.47 | 5.36 | 0.45 | 170 | 019 | 0 |
| 1 900 | 0.89 | 3.13 | 0.45 | 207 | 012 | 0 |
| 1 1200 | 0.00 | 1.34 | 0.45 | 210 | 015 | 0 |
| 1 1500 | 0.45 | 2.24 | 0.45 | 156 | 018 | 0 |
| 1 1800 | 0.00 | 0.89 | 0.00 | 256 | 018 | 1 |
| 1 2100 | 0.00 | 1.34 | 0.45 | 121 | 063 | 0 |
| 2 0 | 0.00 | 4.02 | 0.45 | 102 | 026 | 0 |
| 2 300 | 1.79 | 3.58 | 0.45 | 155 | 007 | 0 |
| 2 600 | 1.34 | 3.13 | 0.89 | 190 | 007 | 1 |
| 2 900 | 0.00 | 33.53 | 1.79 | 258 | 036 | 1 |
| 2 1200 | 0.00 | 0.89 | 0.00 | 277 | 007 | 1 |
| 2 1500 | 0.00 | 0.00 | 0.00 | 274 | 005 | 1 |
| 2 1800 | 0.00 | 0.00 | 0.00 | 272 | 033 | 0 |
| 2 2100 | 0.00 | 2.24 | 0.00 | 148 | 040 | 0 |
| 3 0 | 1.34 | 2.24 | 0.45 | 132 | 008 | 0 |
| 3 300 | 0.45 | 2.68 | 0.45 | 043 | 035 | 1 |
| 3 600 | 1.34 | 59.90 | 8.94 | 329 | 038 | 1 |
| 3 900 | 0.00 | 0.45 | 0.00 | 294 | 011 | 1 |
| 3 1200 | 1.79 | 3.13 | 0.89 | 315 | 009 | 0 |
| 3 1500 | 0.45 | 4.47 | 0.89 | 287 | 009 | 1 |
| 3 1800 | 2.24 | 4.92 | 0.89 | 305 | 009 | 1 |
| 3 2100 | 5.81 | 8.49 | 1.34 | 318 | 008 | 1 |
| 4 0 | 5.36 | 21.46 | 1.79 | 331 | 012 | 0 |
| 4 300 | 5.81 | 9.39 | 1.79 | 317 | 005 | 0 |
| 4 600 | 4.47 | 7.15 | 1.34 | 310 | 004 | 0 |
| 4 900 | 2.24 | 4.02 | 0.45 | 291 | 009 | 0 |
| 4 1200 | 0.45 | 1.79 | 0.45 | 274 | 012 | 0 |
| 4 1500 | 0.00 | 1.34 | 0.00 | 263 | 016 | 0 |
| 4 1800 | 0.00 | 3.13 | 0.45 | 229 | 052 | 0 |
| 4 2100 | 4.47 | 7.60 | 0.89 | 203 | 005 | 0 |
| 5 0 | 0.89 | 3.13 | 0.45 | 183 | 009 | 0 |
| 5 300 | 1.79 | 8.05 | 1.34 | 137 | 008 | 0 |
| 5 600 | 0.45 | 2.24 | 0.45 | 183 | 050 | 1 |
| 5 900 | 3.58 | 5.81 | 0.45 | 241 | 005 | 0 |
| 5 1200 | 1.79 | 4.92 | 0.89 | 238 | 009 | 1 |
| 5 1500 | 1.34 | 5.36 | 0.89 | 256 | 047 | 1 |
| 5 1800 | 0.45 | 3.13 | 0.45 | 224 | 022 | 1 |
| 5 2100 | 1.79 | 4.47 | 0.89 | 229 | 011 | 1 |
| 6 0 | 1.34 | 3.58 | 0.45 | 232 | 009 | 1 |
| 6 300 | 4.02 | 7.15 | 1.34 | 225 | 007 | 1 |
| 6 600 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 6 900 | 2.24 | 2.24 | 0.00 | 291 | 000 | 1 |
| 6 1200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 6 1500 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 6 1800 | 1.34 | 4.47 | 0.89 | 204 | 008 | 1 |
| 6 2100 | 2.24 | 4.47 | 0.89 | 235 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 7 0 | 1.79 | 3.58 | 0.45 | 227 | 011 | 0 |
| 7 300 | 2.24 | 3.58 | 0.45 | 249 | 011 | 0 |
| 7 600 | 0.45 | 0.89 | 0.00 | 279 | 011 | 1 |
| 7 900 | 0.00 | 0.89 | 0.00 | 258 | 023 | 0 |
| 7 1200 | 0.00 | 0.45 | 0.00 | 250 | 009 | 0 |
| 7 1500 | 0.00 | 0.89 | 0.00 | 265 | 023 | 0 |
| 7 1800 | 0.00 | 0.00 | 0.00 | 197 | 052 | 0 |
| 7 2100 | 1.79 | 3.58 | 0.45 | 235 | 008 | 0 |
| 8 0 | 1.79 | 3.58 | 0.45 | 234 | 008 | 0 |
| 8 300 | 3.13 | 8.05 | 1.34 | 243 | 007 | 1 |
| 8 600 | 2.24 | 5.36 | 1.34 | 212 | 007 | 1 |
| 8 900 | 1.34 | 3.13 | 0.45 | 193 | 009 | 0 |
| 8 1200 | 3.58 | 6.71 | 1.79 | 195 | 007 | 0 |
| 8 1500 | 0.45 | 2.68 | 0.45 | 203 | 026 | 0 |
| 8 1800 | 4.92 | 9.83 | 1.79 | 139 | 018 | 0 |
| 8 2100 | 7.15 | 11.18 | 1.79 | 119 | 007 | 0 |
| 9 0 | 5.81 | 11.18 | 1.34 | 088 | 009 | 0 |
| 9 300 | 8.94 | 13.41 | 1.34 | 078 | 005 | 1 |
| 9 600 | 8.94 | 12.96 | 2.68 | 069 | 004 | 1 |
| 9 900 | 12.07 | 14.31 | 2.68 | 073 | 001 | 1 |
| 9 1200 | 8.05 | 12.52 | 2.24 | 047 | 005 | 0 |
| 9 1500 | 6.26 | 12.96 | 1.79 | 032 | 008 | 0 |
| 9 1800 | 12.07 | 19.22 | 3.13 | 001 | 015 | 0 |
| 9 2100 | 12.07 | 22.80 | 2.68 | 353 | 014 | 0 |
| 10 0 | 12.07 | 44.26 | 3.58 | 352 | 009 | 0 |
| 10 300 | 8.94 | 9.39 | 1.34 | 290 | 033 | 0 |
| 10 600 | 9.83 | 13.86 | 2.24 | 313 | 004 | 0 |
| 10 900 | 12.07 | 15.65 | 0.89 | 313 | 002 | 0 |
| 10 1200 | 10.28 | 13.86 | 2.24 | 308 | 004 | 0 |
| 10 1500 | 12.52 | 17.88 | 1.79 | 310 | 004 | 0 |
| 10 1800 | 13.41 | 17.88 | 2.24 | 307 | 004 | 0 |
| 10 2100 | 11.18 | 15.20 | 1.34 | 308 | 004 | 0 |
| 11 0 | 7.60 | 11.62 | 1.34 | 314 | 007 | 1 |
| 11 300 | 7.15 | 10.73 | 1.79 | 318 | 005 | 0 |
| 11 600 | 5.81 | 21.01 | 1.79 | 313 | 009 | 1 |
| 11 900 | 4.02 | 8.05 | 1.34 | 317 | 008 | 0 |
| 11 1200 | 6.71 | 9.39 | 1.79 | 313 | 004 | 0 |
| 11 1500 | 5.81 | 9.83 | 1.79 | 310 | 004 | 0 |
| 11 1800 | 6.71 | 10.28 | 1.79 | 317 | 004 | 0 |
| 11 2100 | 5.81 | 8.94 | 1.79 | 327 | 007 | 0 |
| 12 0 | 4.47 | 6.71 | 1.34 | 321 | 007 | 1 |
| 12 300 | 3.58 | 6.26 | 0.89 | 348 | 009 | 1 |
| 12 600 | 3.58 | 6.71 | 1.34 | 329 | 019 | 1 |
| 12 900 | 4.92 | 7.15 | 0.89 | 324 | 005 | 1 |
| 12 1200 | 5.36 | 10.28 | 0.89 | 317 | 007 | 1 |
| 12 1500 | 3.05 | 10.73 | 0.89 | 313 | 004 | 0 |
| 12 1800 | 9.39 | 11.18 | 0.45 | 314 | 004 | 0 |
| 12 2100 | 7.15 | 9.39 | 1.79 | 311 | 002 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 300 | 7.15 | 9.39 | 1.79 | 311 | 004 | 0 |
| 13 600 | 7.60 | 11.18 | 1.34 | 313 | 004 | 0 |
| 13 900 | 8.05 | 12.07 | 1.79 | 315 | 004 | 0 |
| 13 1200 | 9.83 | 12.52 | 0.89 | 308 | 004 | 0 |
| 13 1500 | 4.02 | 8.94 | 0.89 | 324 | 012 | 0 |
| 13 1800 | 4.92 | 7.60 | 0.89 | 346 | 011 | 0 |
| 13 2100 | 4.92 | 8.94 | 1.34 | 004 | 009 | 0 |
| 14 0 | 1.79 | 4.92 | 0.89 | 341 | 035 | 0 |
| 14 300 | 1.34 | 3.58 | 0.89 | 311 | 012 | 0 |
| 14 600 | 1.79 | 4.47 | 0.89 | 084 | 015 | 0 |
| 14 900 | 4.47 | 5.36 | 0.89 | 157 | 005 | 0 |
| 14 1200 | 1.79 | 4.02 | 0.89 | 186 | 014 | 0 |
| 14 1500 | 0.00 | 0.45 | 0.00 | 290 | 026 | 0 |
| 14 1800 | 0.00 | 1.34 | 0.45 | 204 | 022 | 0 |
| 14 2100 | 0.89 | 2.24 | 0.45 | 176 | 007 | 0 |
| 15 0 | 1.34 | 2.68 | 0.45 | 141 | 005 | 0 |
| 15 300 | 2.24 | 4.02 | 0.45 | 173 | 008 | 0 |
| 15 600 | 2.24 | 4.92 | 0.89 | 311 | 011 | 0 |
| 15 900 | 1.79 | 3.13 | 0.89 | 305 | 005 | 0 |
| 15 1200 | 2.68 | 4.47 | 0.89 | 315 | 004 | 0 |
| 15 1500 | 3.13 | 4.47 | 0.45 | 315 | 005 | 0 |
| 15 1800 | 4.92 | 7.15 | 0.89 | 315 | 004 | 0 |
| 15 2100 | 4.47 | 6.71 | 0.89 | 314 | 005 | 0 |
| 16 0 | 0.89 | 4.47 | 0.89 | 332 | 018 | 0 |
| 16 300 | 0.00 | 0.45 | 0.00 | 118 | 039 | 0 |
| 16 600 | 0.45 | 2.24 | 0.45 | 324 | 031 | 0 |
| 16 900 | 2.68 | 4.47 | 0.89 | 314 | 005 | 0 |
| 16 1200 | 2.68 | 3.58 | 0.45 | 311 | 004 | 0 |
| 16 1500 | 0.89 | 2.24 | 0.45 | 315 | 007 | 0 |
| 16 1800 | 0.89 | 2.24 | 0.45 | 305 | 007 | 0 |
| 16 2100 | 1.34 | 3.58 | 0.45 | 088 | 008 | 0 |
| 17 0 | 3.13 | 12.07 | 1.34 | 060 | 007 | 0 |
| 17 300 | 2.68 | 6.26 | 0.89 | 026 | 011 | 0 |
| 17 600 | 3.13 | 6.26 | 1.34 | 012 | 008 | 0 |
| 17 900 | 4.47 | 8.94 | 0.89 | 351 | 014 | 0 |
| 17 1200 | 4.92 | 8.05 | 1.79 | 345 | 008 | 0 |
| 17 1500 | 4.02 | 8.94 | 1.79 | 346 | 012 | 1 |
| 17 1800 | 3.58 | 7.60 | 1.34 | 322 | 011 | 0 |
| 17 2100 | 9.39 | 13.41 | 1.79 | 317 | 004 | 0 |
| 18 0 | 6.71 | 11.18 | 1.34 | 342 | 014 | 0 |
| 18 300 | 7.60 | 12.07 | 2.24 | 332 | 007 | 0 |
| 18 600 | 5.36 | 11.18 | 2.24 | 344 | 011 | 0 |
| 18 900 | 7.15 | 11.62 | 1.79 | 320 | 007 | 0 |
| 18 1200 | 6.26 | 10.28 | 1.34 | 327 | 011 | 0 |
| 18 1500 | 8.94 | 12.52 | 1.34 | 317 | 008 | 0 |
| 18 1800 | 5.81 | 11.62 | 2.24 | 331 | 014 | 0 |
| 18 2100 | 9.39 | 13.86 | 2.24 | 320 | 007 | 0 |
| 19 0 | 7.60 | 12.07 | 1.79 | 320 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 300 | 6.71 | 22.35 | 1.79 | 324 | 005 | 0 |
| 19 600 | 3.13 | 5.81 | 0.89 | 315 | 005 | 0 |
| 19 900 | 4.02 | 7.15 | 0.89 | 307 | 005 | 1 |
| 19 1200 | 1.34 | 3.13 | 0.45 | 318 | 011 | 0 |
| 19 1500 | 2.68 | 4.92 | 0.45 | 320 | 005 | 0 |
| 19 1800 | 3.13 | 6.26 | 0.89 | 307 | 005 | 0 |
| 19 2100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 19 2300 | 1.34 | 3.13 | 0.45 | 122 | 008 | 1 |
| 20 100 | 2.24 | 3.13 | 0.45 | 143 | 004 | 0 |
| 20 400 | 2.24 | 3.58 | 0.45 | 139 | 008 | 0 |
| 20 700 | 0.45 | 2.24 | 0.45 | 183 | 009 | 0 |
| 20 1000 | 0.00 | 0.89 | 0.00 | 284 | 008 | 0 |
| 20 1300 | 0.00 | 0.89 | 0.00 | 032 | 016 | 0 |
| 20 1600 | 2.24 | 3.13 | 0.45 | 313 | 004 | 1 |
| 20 1900 | 0.00 | 0.89 | 0.00 | 344 | 005 | 1 |
| 20 2200 | 0.00 | 0.89 | 0.00 | 032 | 026 | 0 |
| 21 100 | 0.00 | 0.45 | 0.00 | 176 | 047 | 0 |
| 21 400 | 5.36 | 7.60 | 0.89 | 322 | 005 | 0 |
| 21 700 | 5.36 | 8.05 | 0.89 | 315 | 005 | 0 |
| 21 1000 | 8.94 | 11.62 | 1.79 | 313 | 004 | 0 |
| 21 1300 | 7.60 | 9.39 | 1.34 | 317 | 004 | 0 |
| 21 1600 | 7.60 | 10.28 | 1.34 | 311 | 004 | 0 |
| 21 1900 | 6.71 | 12.52 | 1.79 | 311 | 007 | 0 |
| 21 2200 | 5.36 | 8.94 | 0.89 | 314 | 007 | 1 |
| 22 100 | 4.02 | 20.56 | 1.79 | 296 | 012 | 1 |
| 22 400 | 4.02 | 7.60 | 0.89 | 256 | 019 | 0 |
| 22 700 | 3.13 | 5.36 | 0.89 | 235 | 008 | 1 |
| 22 1000 | 1.34 | 4.02 | 0.89 | 277 | 031 | 1 |
| 22 1300 | 0.00 | 1.79 | 0.45 | 294 | 016 | 1 |
| 22 1600 | 6.26 | 8.49 | 0.89 | 307 | 007 | 1 |
| 22 1900 | 10.73 | 14.75 | 1.34 | 313 | 004 | 1 |
| 22 2200 | 13.41 | 18.78 | 2.24 | 314 | 004 | 0 |
| 23 100 | 15.20 | 19.67 | 1.79 | 320 | 002 | 0 |
| 23 400 | 13.86 | 16.54 | 0.89 | 320 | 004 | 0 |
| 23 700 | 11.18 | 14.31 | 1.79 | 320 | 004 | 0 |
| 23 1000 | 8.94 | 12.07 | 1.79 | 310 | 004 | 0 |
| 23 1300 | 6.71 | 10.73 | 1.79 | 305 | 004 | 0 |
| 23 1600 | 3.58 | 7.15 | 0.89 | 282 | 011 | 0 |
| 23 1900 | 4.47 | 8.05 | 1.79 | 298 | 008 | 0 |
| 23 2200 | 6.26 | 9.39 | 0.89 | 308 | 008 | 0 |
| 24 100 | 8.49 | 11.18 | 1.34 | 317 | 004 | 0 |
| 24 400 | 8.49 | 11.18 | 1.79 | 320 | 004 | 1 |
| 24 700 | 7.60 | 9.83 | 1.34 | 317 | 004 | 0 |
| 24 1000 | 9.83 | 13.41 | 1.79 | 320 | 005 | 1 |
| 24 1300 | 7.15 | 9.83 | 1.79 | 318 | 004 | 1 |
| 24 1600 | 3.13 | 5.36 | 0.45 | 314 | 007 | 1 |
| 24 1900 | 0.89 | 3.13 | 0.89 | 307 | 007 | 0 |
| 24 2200 | 0.45 | 2.24 | 0.45 | 108 | 012 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 25 400 | 4.92 | 6.71 | 0.45 | 157 | 002 | 0 |
| 25 700 | 0.89 | 3.58 | 0.89 | 193 | 012 | 0 |
| 25 1000 | 0.00 | 0.45 | 0.00 | 283 | 008 | 0 |
| 25 1300 | 0.00 | 0.45 | 0.00 | 280 | 016 | 0 |
| 25 1600 | 0.00 | 0.00 | 0.00 | 289 | 031 | 0 |
| 25 1900 | 3.58 | 6.26 | 1.79 | 128 | 012 | 0 |
| 25 2200 | 5.81 | 7.15 | 0.45 | 125 | 002 | 0 |
| 26 100 | 5.81 | 7.60 | 0.89 | 122 | 002 | 0 |
| 26 400 | 6.26 | 8.94 | 0.89 | 133 | 004 | 1 |
| 26 700 | 8.05 | 10.73 | 1.79 | 135 | 004 | 0 |
| 26 1000 | 4.92 | 9.83 | 2.24 | 108 | 007 | 1 |
| 26 1300 | 4.47 | 10.73 | 1.79 | 105 | 007 | 0 |
| 26 1600 | 5.36 | 8.94 | 1.79 | 091 | 007 | 0 |
| 26 1900 | 5.36 | 6.26 | 0.89 | 080 | 004 | 1 |
| 26 2200 | 4.02 | 6.26 | 1.34 | 069 | 005 | 1 |
| 27 100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 27 400 | 3.13 | 3.13 | 0.00 | 057 | 000 | 1 |
| 27 700 | 2.68 | 3.58 | 0.89 | 053 | 005 | 1 |
| 27 1000 | 2.24 | 6.26 | 1.34 | 094 | 016 | 1 |
| 27 1300 | 4.02 | 4.47 | 0.89 | 119 | 000 | 1 |
| 27 1600 | 6.26 | 9.39 | 1.79 | 111 | 005 | 1 |
| 27 1900 | 9.39 | 9.83 | 1.34 | 143 | 007 | 1 |
| 27 2200 | 4.47 | 7.15 | 1.79 | 160 | 008 | 1 |
| 28 100 | 2.68 | 5.36 | 0.89 | 191 | 004 | 0 |
| 28 400 | 3.58 | 6.26 | 1.34 | 195 | 004 | 0 |
| 28 700 | 0.89 | 3.58 | 0.89 | 194 | 008 | 0 |
| 28 1000 | 4.92 | 6.71 | 0.45 | 176 | 002 | 1 |
| 28 1300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 28 1600 | 2.68 | 4.92 | 1.34 | 198 | 005 | 0 |
| 28 1900 | 1.79 | 4.92 | 0.89 | 176 | 012 | 1 |
| 28 2200 | 6.26 | 8.94 | 1.79 | 145 | 002 | 1 |
| 29 100 | 6.26 | 7.60 | 0.45 | 138 | 005 | 1 |
| 29 400 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 700 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1000 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1600 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1900 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 2200 | 0.00 | 0.89 | 0.00 | 109 | 014 | 1 |
| 30 100 | 2.24 | 4.92 | 0.89 | 187 | 005 | 0 |
| 30 400 | 0.89 | 2.68 | 0.45 | 187 | 005 | 0 |
| 30 700 | 0.89 | 2.24 | 0.45 | 321 | 012 | 0 |
| 30 1000 | 0.00 | 0.89 | 0.45 | 311 | 018 | 0 |
| 30 1300 | 0.45 | 0.89 | 0.45 | 293 | 008 | 0 |
| 30 1600 | 0.00 | 0.45 | 0.00 | 243 | 014 | 0 |
| 30 1900 | 0.00 | 0.45 | 0.00 | 156 | 014 | 0 |
| 30 2200 | 0.00 | 0.89 | 0.45 | 093 | 008 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 31 600 | 3.58 | 7.15 | 0.89 | 188 | 005 | 0 |
| 31 900 | 4.02 | 8.49 | 1.79 | 193 | 007 | 0 |
| 31 1200 | 0.45 | 1.79 | 0.45 | 194 | 054 | 0 |
| 31 1500 | 0.00 | 1.79 | 0.45 | 270 | 029 | 1 |
| 31 1800 | 1.34 | 3.58 | 0.89 | 225 | 021 | 0 |
| 31 2100 | 4.92 | 8.94 | 2.24 | 194 | 004 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 1 100 | 0.89 | 3.13 | 0.45 | 069 | 012 | 0 |
| 1 400 | 0.00 | 1.79 | 0.45 | 308 | 063 | 0 |
| 1 700 | 0.00 | 1.34 | 0.00 | 210 | 032 | 0 |
| 1 1000 | 0.00 | 0.89 | 0.00 | 284 | 011 | 0 |
| 1 1300 | 0.00 | 0.00 | 0.00 | 290 | 007 | 0 |
| 1 1600 | 0.00 | 0.45 | 0.00 | 291 | 014 | 0 |
| 1 1900 | 0.00 | 0.00 | 0.00 | 193 | 014 | 0 |
| 1 2200 | 0.89 | 2.24 | 0.45 | 139 | 004 | 0 |
| 2 100 | 2.24 | 3.13 | 0.45 | 149 | 005 | 0 |
| 2 400 | 0.89 | 2.68 | 0.45 | 239 | 007 | 0 |
| 2 700 | 2.24 | 3.58 | 0.45 | 314 | 004 | 0 |
| 2 1000 | 0.00 | 0.89 | 0.00 | 290 | 008 | 0 |
| 2 1300 | 0.00 | 0.89 | 0.00 | 273 | 007 | 0 |
| 2 1600 | 0.00 | 0.00 | 0.00 | 253 | 018 | 0 |
| 2 1900 | 0.00 | 0.00 | 0.00 | 160 | 025 | 0 |
| 2 2200 | 1.34 | 2.24 | 0.45 | 133 | 005 | 0 |
| 3 100 | 1.79 | 2.68 | 0.45 | 135 | 005 | 0 |
| 3 400 | 0.89 | 1.79 | 0.00 | 138 | 004 | 0 |
| 3 700 | 0.00 | 0.45 | 0.00 | 107 | 016 | 0 |
| 3 1000 | 0.00 | 0.89 | 0.00 | 287 | 005 | 0 |
| 3 1300 | 1.34 | 3.13 | 0.89 | 291 | 011 | 0 |
| 3 1600 | 2.24 | 4.92 | 0.89 | 315 | 008 | 0 |
| 3 1900 | 1.34 | 3.58 | 0.89 | 324 | 021 | 0 |
| 3 2200 | 1.79 | 4.92 | 1.34 | 035 | 019 | 1 |
| 4 100 | 1.34 | 6.26 | 0.89 | 060 | 019 | 0 |
| 4 400 | 0.45 | 1.79 | 0.45 | 200 | 009 | 1 |
| 4 700 | 3.13 | 5.36 | 0.89 | 314 | 005 | 0 |
| 4 1000 | 4.92 | 6.71 | 0.45 | 320 | 005 | 0 |
| 4 1300 | 4.02 | 5.81 | 1.34 | 321 | 005 | 0 |
| 4 1600 | 4.47 | 5.81 | 0.89 | 315 | 004 | 0 |
| 4 1900 | 4.02 | 6.26 | 0.89 | 314 | 005 | 0 |
| 4 2200 | 2.24 | 4.92 | 0.89 | 314 | 008 | 0 |
| 5 100 | 3.13 | 4.47 | 0.45 | 313 | 007 | 0 |
| 5 400 | 0.45 | 3.13 | 0.45 | 007 | 035 | 0 |
| 5 700 | 0.45 | 1.79 | 0.45 | 308 | 011 | 0 |
| 5 1000 | 0.45 | 1.79 | 0.45 | 305 | 007 | 0 |
| 5 1300 | 0.00 | 0.45 | 0.00 | 334 | 009 | 0 |
| 5 1600 | 0.89 | 1.79 | 0.45 | 297 | 019 | 0 |
| 5 1900 | 0.00 | 0.00 | 0.00 | 245 | 021 | 0 |
| 5 2200 | 0.89 | 2.24 | 0.45 | 131 | 008 | 0 |
| 6 100 | 2.68 | 4.02 | 0.45 | 129 | 004 | 0 |
| 6 400 | 0.00 | 1.34 | 0.00 | 122 | 021 | 0 |
| 6 700 | 0.89 | 1.79 | 0.45 | 243 | 005 | 0 |
| 6 1000 | 0.00 | 0.00 | 0.00 | 270 | 009 | 0 |
| 6 1300 | 0.00 | 0.89 | 0.00 | 267 | 009 | 0 |
| 6 1600 | 0.00 | 0.89 | 0.00 | 270 | 014 | 0 |
| 6 1900 | 0.00 | 0.00 | 0.00 | 124 | 012 | 0 |
| 6 2200 | 2.68 | 4.47 | 0.89 | 129 | 002 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 7 100 | 2.24 | 4.02 | 0.89 | 133 | 005 | 0 |
| 7 400 | 1.34 | 3.13 | 0.45 | 078 | 012 | 0 |
| 7 700 | 0.89 | 2.24 | 0.45 | 053 | 002 | 0 |
| 7 1000 | 2.68 | 4.47 | 0.89 | 008 | 008 | 0 |
| 7 1300 | 4.02 | 7.60 | 1.34 | 004 | 012 | 0 |
| 7 1600 | 4.92 | 8.49 | 1.79 | 358 | 011 | 0 |
| 7 1900 | 4.02 | 9.39 | 1.79 | 008 | 009 | 0 |
| 7 2200 | 3.58 | 8.05 | 1.34 | 018 | 008 | 0 |
| 8 100 | 4.47 | 10.73 | 2.24 | 002 | 014 | 0 |
| 8 400 | 4.92 | 9.83 | 1.34 | 002 | 011 | 0 |
| 8 700 | 6.26 | 10.73 | 0.89 | 344 | 009 | 0 |
| 8 1000 | 8.49 | 11.62 | 1.79 | 346 | 005 | 0 |
| 8 1300 | 8.94 | 25.93 | 2.24 | 308 | 005 | 0 |
| 8 1600 | 8.49 | 12.52 | 1.79 | 308 | 004 | 0 |
| 8 1900 | 9.83 | 13.86 | 2.24 | 313 | 005 | 0 |
| 8 2200 | 7.60 | 13.41 | 1.79 | 326 | 007 | 0 |
| 9 100 | 5.36 | 9.39 | 1.79 | 327 | 008 | 0 |
| 9 400 | 3.58 | 7.15 | 0.89 | 342 | 009 | 0 |
| 9 700 | 0.89 | 3.13 | 0.45 | 298 | 011 | 0 |
| 9 1000 | 0.89 | 3.58 | 0.89 | 317 | 008 | 0 |
| 9 1300 | 1.79 | 4.47 | 0.45 | 320 | 007 | 0 |
| 9 1600 | 0.00 | 0.45 | 0.00 | 142 | 038 | 0 |
| 9 1900 | 1.34 | 2.68 | 0.45 | 164 | 009 | 0 |
| 9 2200 | 0.89 | 34.42 | 1.79 | 150 | 007 | 0 |
| 10 100 | 0.45 | 1.34 | 0.00 | 139 | 011 | 0 |
| 10 400 | 0.00 | 16.54 | 0.45 | 109 | 064 | 0 |
| 10 700 | 0.00 | 0.00 | 0.00 | 203 | 032 | 0 |
| 10 1000 | 0.00 | 0.00 | 0.00 | 290 | 008 | 0 |
| 10 1300 | 0.00 | 0.00 | 0.00 | 156 | 028 | 0 |
| 10 1600 | 0.00 | 0.00 | 0.00 | 262 | 054 | 0 |
| 10 1900 | 0.00 | 0.00 | 0.00 | 180 | 060 | 0 |
| 10 2200 | 1.79 | 2.68 | 0.45 | 132 | 008 | 0 |
| 11 100 | 1.34 | 2.68 | 0.45 | 109 | 005 | 0 |
| 11 400 | 1.79 | 3.58 | 0.45 | 071 | 009 | 0 |
| 11 700 | 0.00 | 1.79 | 0.00 | 179 | 031 | 0 |
| 11 1000 | 0.00 | 4.02 | 0.00 | 239 | 022 | 0 |
| 11 1300 | 0.00 | 0.00 | 0.00 | 253 | 011 | 0 |
| 11 1600 | 0.00 | 0.00 | 0.00 | 234 | 014 | 0 |
| 11 1900 | 0.00 | 1.79 | 0.00 | 162 | 022 | 0 |
| 11 2200 | 1.79 | 3.13 | 0.45 | 149 | 008 | 0 |
| 12 100 | 1.79 | 2.68 | 0.45 | 153 | 008 | 0 |
| 12 400 | 0.00 | 0.45 | 0.00 | 156 | 015 | 0 |
| 12 700 | 0.00 | 0.00 | 0.00 | 267 | 016 | 0 |
| 12 1000 | 1.34 | 2.68 | 0.00 | 269 | 007 | 0 |
| 12 1300 | 2.68 | 4.47 | 0.89 | 307 | 005 | 0 |
| 12 1600 | 3.13 | 5.36 | 0.89 | 318 | 008 | 0 |
| 12 1900 | 3.13 | 5.36 | 0.89 | 311 | 012 | 0 |
| 12 2200 | 1.34 | 3.58 | 0.45 | 060 | 018 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 400 | 0.45 | 1.79 | 0.45 | 143 | 008 | 0 |
| 13 700 | 0.00 | 0.45 | 0.00 | 108 | 031 | 0 |
| 13 1000 | 0.00 | 0.89 | 0.00 | 080 | 021 | 0 |
| 13 1300 | 0.00 | 0.45 | 0.00 | 229 | 005 | 0 |
| 13 1600 | 0.00 | 0.00 | 0.00 | 351 | 047 | 0 |
| 13 1900 | 3.13 | 4.47 | 0.45 | 163 | 012 | 0 |
| 13 2200 | 3.13 | 7.60 | 1.34 | 163 | 021 | 1 |
| 14 100 | 5.36 | 6.71 | 0.45 | 133 | 001 | 0 |
| 14 400 | 4.02 | 5.36 | 0.89 | 157 | 004 | 0 |
| 14 700 | 3.58 | 27.27 | 2.24 | 172 | 007 | 0 |
| 14 1000 | 0.89 | 4.92 | 0.45 | 195 | 008 | 1 |
| 14 1300 | 2.24 | 5.36 | 0.89 | 188 | 011 | 1 |
| 14 1600 | 3.58 | 37.55 | 2.24 | 179 | 007 | 0 |
| 14 1900 | 4.92 | 7.60 | 0.89 | 160 | 009 | 0 |
| 14 2200 | 5.36 | 7.60 | 1.79 | 152 | 005 | 0 |
| 15 100 | 6.26 | 8.05 | 0.89 | 149 | 007 | 0 |
| 15 400 | 6.71 | 8.05 | 0.89 | 122 | 002 | 0 |
| 15 700 | 7.60 | 9.83 | 0.89 | 126 | 001 | 0 |
| 15 1000 | 6.26 | 8.94 | 1.34 | 129 | 001 | 0 |
| 15 1300 | 3.58 | 7.15 | 1.34 | 111 | 008 | 0 |
| 15 1600 | 3.58 | 6.71 | 0.89 | 094 | 005 | 0 |
| 15 1900 | 4.02 | 8.05 | 1.79 | 097 | 007 | 0 |
| 15 2200 | 6.26 | 8.94 | 1.79 | 084 | 005 | 0 |
| 16 100 | 7.60 | 10.28 | 0.89 | 074 | 004 | 1 |
| 16 400 | 6.71 | 9.83 | 1.79 | 090 | 004 | 0 |
| 16 700 | 3.58 | 6.26 | 0.89 | 111 | 004 | 1 |
| 16 1000 | 4.92 | 6.26 | 1.34 | 115 | 002 | 1 |
| 16 1300 | 6.26 | 8.49 | 0.89 | 115 | 001 | 1 |
| 16 1600 | 4.92 | 8.94 | 1.34 | 097 | 005 | 0 |
| 16 1900 | 8.49 | 12.52 | 1.34 | 088 | 004 | 1 |
| 16 2200 | 7.15 | 9.39 | 1.79 | 093 | 002 | 1 |
| 17 100 | 8.94 | 11.62 | 1.79 | 090 | 004 | 1 |
| 17 400 | 8.94 | 11.18 | 2.24 | 088 | 004 | 1 |
| 17 700 | 8.94 | 12.52 | 2.24 | 090 | 004 | 1 |
| 17 1000 | 7.15 | 12.52 | 2.24 | 094 | 004 | 0 |
| 17 1300 | 8.94 | 13.41 | 2.24 | 091 | 004 | 0 |
| 17 1600 | 8.94 | 12.52 | 2.24 | 087 | 004 | 0 |
| 17 1900 | 9.39 | 13.41 | 1.79 | 084 | 004 | 1 |
| 17 2200 | 9.39 | 12.52 | 1.34 | 078 | 004 | 1 |
| 18 100 | 10.28 | 13.86 | 2.24 | 077 | 004 | 1 |
| 18 400 | 4.47 | 9.83 | 1.79 | 107 | 008 | 1 |
| 18 700 | 4.92 | 7.60 | 1.79 | 071 | 005 | 0 |
| 18 1000 | 6.26 | 8.94 | 0.89 | 077 | 004 | 0 |
| 18 1300 | 7.15 | 9.83 | 1.34 | 077 | 004 | 0 |
| 18 1600 | 5.81 | 8.05 | 0.89 | 076 | 005 | 0 |
| 18 1900 | 6.71 | 9.83 | 1.34 | 069 | 004 | 0 |
| 18 2200 | 5.81 | 9.39 | 1.34 | 081 | 004 | 0 |
| 19 100 | 5.36 | 39.34 | 4.02 | 090 | 004 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 19 700 | 3.58 | 35.76 | 4.02 | 053 | 007 | 0 |
| 19 1000 | 2.24 | 6.26 | 0.89 | 059 | 005 | 0 |
| 19 1300 | 2.24 | 4.47 | 0.89 | 043 | 007 | 0 |
| 19 1600 | 0.89 | 3.58 | 0.45 | 062 | 009 | 0 |
| 19 1900 | 1.79 | 4.92 | 0.89 | 052 | 011 | 1 |
| 19 2200 | 0.89 | 4.02 | 0.89 | 035 | 009 | 0 |
| 20 100 | 3.13 | 4.47 | 0.89 | 080 | 014 | 0 |
| 20 400 | 0.00 | 0.45 | 0.00 | 157 | 064 | 0 |
| 20 700 | 0.00 | 0.00 | 0.00 | 193 | 040 | 0 |
| 20 1000 | 0.00 | 0.45 | 0.00 | 262 | 001 | 1 |
| 20 1300 | 0.45 | 1.79 | 0.00 | 246 | 005 | 0 |
| 20 1600 | 0.00 | 0.00 | 0.00 | 238 | 007 | 1 |
| 20 1900 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 20 2200 | 2.68 | 3.58 | 0.89 | 131 | 001 | 0 |
| 21 100 | 4.02 | 4.92 | 0.89 | 133 | 002 | 0 |
| 21 400 | 1.79 | 3.58 | 0.89 | 097 | 008 | 0 |
| 21 700 | 1.79 | 4.47 | 0.89 | 080 | 028 | 0 |
| 21 1000 | 0.00 | 0.89 | 0.00 | 000 | 043 | 0 |
| 21 1300 | 0.00 | 0.00 | 0.00 | 241 | 008 | 0 |
| 21 1600 | 0.00 | 0.00 | 0.00 | 218 | 062 | 0 |
| 21 1900 | 0.00 | 0.45 | 0.00 | 148 | 035 | 0 |
| 21 2200 | 3.13 | 4.47 | 0.45 | 138 | 002 | 0 |
| 22 100 | 1.79 | 3.13 | 0.45 | 169 | 052 | 0 |
| 22 400 | 0.45 | 1.34 | 0.45 | 146 | 009 | 0 |
| 22 700 | 1.79 | 2.68 | 0.45 | 136 | 004 | 0 |
| 22 1000 | 0.00 | 0.00 | 0.00 | 132 | 018 | 0 |
| 22 1300 | 0.45 | 2.68 | 0.45 | 036 | 012 | 0 |
| 22 1600 | 0.89 | 1.79 | 0.45 | 297 | 008 | 1 |
| 22 1900 | 0.00 | 1.79 | 0.45 | 056 | 018 | 0 |
| 22 2200 | 2.68 | 6.26 | 0.89 | 076 | 009 | 0 |
| 23 100 | 0.45 | 3.13 | 0.45 | 056 | 023 | 0 |
| 23 400 | 0.00 | 0.45 | 0.00 | 069 | 014 | 0 |
| 23 700 | 0.00 | 0.00 | 0.00 | 086 | 032 | 0 |
| 23 1000 | 0.00 | 0.00 | 0.00 | 195 | 071 | 0 |
| 23 1300 | 0.00 | 1.79 | 0.45 | 260 | 011 | 0 |
| 23 1600 | 0.45 | 2.24 | 0.45 | 280 | 011 | 0 |
| 23 1900 | 2.24 | 4.02 | 0.89 | 298 | 008 | 0 |
| 23 2200 | 0.45 | 2.24 | 0.45 | 133 | 021 | 0 |
| 24 100 | 0.45 | 1.79 | 0.45 | 145 | 021 | 0 |
| 24 400 | 0.45 | 3.13 | 0.45 | 191 | 007 | 0 |
| 24 700 | 0.00 | 0.89 | 0.00 | 277 | 021 | 0 |
| 24 1000 | 0.45 | 1.34 | 0.45 | 273 | 007 | 0 |
| 24 1300 | 0.00 | 0.00 | 0.00 | 160 | 023 | 0 |
| 24 1600 | 0.00 | 0.45 | 0.00 | 269 | 015 | 0 |
| 24 1900 | 0.00 | 31.29 | 1.79 | 157 | 018 | 0 |
| 24 2200 | 1.34 | 4.47 | 0.89 | 207 | 023 | 1 |
| 25 100 | 4.02 | 6.71 | 1.34 | 193 | 004 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 700 | 2.68 | 4.47 | 0.89 | 203 | 004 | 0 |
| 25 1000 | 0.45 | 1.79 | 0.45 | 214 | 012 | 0 |
| 25 1300 | 0.00 | 0.00 | 0.00 | 243 | 009 | 0 |
| 25 1600 | 0.00 | 0.00 | 0.00 | 262 | 032 | 0 |
| 25 1900 | 0.89 | 3.13 | 0.89 | 184 | 011 | 0 |
| 25 2200 | 2.68 | 6.71 | 0.89 | 187 | 014 | 0 |
| 26 100 | 2.24 | 5.36 | 0.89 | 231 | 009 | 0 |
| 26 400 | 4.47 | 6.26 | 0.89 | 195 | 004 | 0 |
| 26 700 | 2.24 | 4.02 | 0.89 | 224 | 011 | 0 |
| 26 1000 | 1.34 | 3.13 | 0.45 | 197 | 007 | 0 |
| 26 1300 | 0.00 | 0.00 | 0.00 | 231 | 007 | 0 |
| 26 1600 | 0.00 | 0.00 | 0.00 | 262 | 015 | 0 |
| 26 1900 | 0.00 | 0.00 | 0.00 | 181 | 039 | 0 |
| 26 2200 | 3.13 | 5.36 | 0.89 | 155 | 007 | 0 |
| 27 100 | 0.45 | 3.13 | 0.45 | 188 | 047 | 0 |
| 27 400 | 3.13 | 4.47 | 0.45 | 204 | 005 | 0 |
| 27 700 | 0.00 | 0.89 | 0.00 | 214 | 012 | 0 |
| 27 1000 | 0.00 | 0.45 | 0.00 | 336 | 028 | 0 |
| 27 1300 | 0.00 | 0.00 | 0.00 | 246 | 007 | 0 |
| 27 1600 | 0.45 | 1.79 | 0.45 | 293 | 011 | 0 |
| 27 1900 | 0.45 | 2.24 | 0.45 | 026 | 019 | 0 |
| 27 2200 | 3.13 | 7.60 | 0.89 | 053 | 014 | 0 |
| 28 100 | 2.24 | 5.36 | 0.89 | 012 | 008 | 0 |
| 28 400 | 1.34 | 3.58 | 0.45 | 012 | 014 | 0 |
| 28 700 | 4.02 | 27.72 | 5.36 | 005 | 047 | 0 |
| 28 1000 | 0.89 | 2.24 | 0.45 | 294 | 012 | 0 |
| 28 1300 | 2.24 | 4.47 | 0.89 | 018 | 016 | 1 |
| 28 1600 | 3.58 | 8.05 | 1.79 | 011 | 009 | 1 |
| 28 1900 | 3.58 | 10.28 | 1.79 | 002 | 011 | 1 |
| 28 2200 | 0.89 | 3.58 | 0.45 | 029 | 015 | 1 |
| 29 100 | 0.89 | 2.24 | 0.45 | 080 | 007 | 0 |
| 29 400 | 0.00 | 0.89 | 0.00 | 181 | 029 | 0 |
| 29 700 | 0.89 | 4.02 | 0.45 | 313 | 018 | 1 |
| 29 1000 | 2.24 | 4.92 | 0.89 | 280 | 008 | 1 |
| 29 1300 | 2.24 | 4.92 | 0.89 | 274 | 014 | 1 |
| 29 1600 | 0.89 | 3.58 | 0.89 | 300 | 018 | 1 |
| 29 1900 | 1.34 | 2.68 | 0.45 | 138 | 007 | 1 |
| 29 2200 | 2.24 | 3.13 | 0.45 | 118 | 002 | 0 |
| 30 100 | 1.34 | 2.24 | 0.00 | 054 | 009 | 1 |
| 30 400 | 0.45 | 2.68 | 0.45 | 338 | 022 | 1 |
| 30 700 | 4.02 | 6.26 | 0.45 | 313 | 007 | 1 |
| 30 1000 | 3.13 | 5.36 | 0.89 | 304 | 008 | 1 |
| 30 1300 | 0.00 | 1.34 | 0.00 | 311 | 043 | 1 |
| 30 1600 | 0.00 | 0.00 | 0.00 | 208 | 080 | 1 |
| 30 1900 | 0.89 | 2.24 | 0.45 | 149 | 008 | 0 |
| 30 2200 | 1.79 | 2.68 | 0.45 | 132 | 004 | 1 |
| 31 100 | 0.89 | 2.24 | 0.45 | 145 | 005 | 0 |
| 31 400 | 0.89 | 3.58 | 0.89 | 114 | 012 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 700 | 0.00 | 0.89 | 0.00 | 090 | 018 | 0 |
| 31 1000 | 0.00 | 0.45 | 0.00 | 263 | 005 | 0 |
| 31 1300 | 0.45 | 1.79 | 0.00 | 262 | 004 | 0 |
| 31 1600 | 0.00 | 0.89 | 0.00 | 270 | 021 | 0 |
| 31 1900 | 0.89 | 2.68 | 0.45 | 107 | 025 | 1 |
| 31 2200 | 4.47 | 5.81 | 0.45 | 081 | 002 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 100 | 3.58 | 5.36 | 0.89 | 083 | 004 | 0 |
| 1 400 | 0.00 | 33.53 | 1.79 | 177 | 009 | 0 |
| 1 700 | 0.00 | 0.00 | 0.00 | 054 | 012 | 0 |
| 1 1000 | 0.89 | 2.24 | 0.45 | 248 | 009 | 0 |
| 1 1300 | 0.89 | 2.24 | 0.45 | 249 | 009 | 0 |
| 1 1600 | 3.13 | 4.92 | 0.89 | 286 | 007 | 1 |
| 1 1900 | 3.58 | 5.36 | 1.34 | 304 | 005 | 1 |
| 1 2200 | 2.68 | 4.02 | 0.89 | 136 | 016 | 0 |
| 2 100 | 0.45 | 3.13 | 0.45 | 179 | 023 | 0 |
| 2 400 | 1.34 | 2.24 | 0.45 | 135 | 007 | 0 |
| 2 700 | 0.00 | 4.02 | 0.00 | 174 | 087 | 0 |
| 2 1000 | 0.00 | 0.89 | 0.00 | 283 | 035 | 0 |
| 2 1300 | 0.89 | 2.24 | 0.45 | 255 | 004 | 0 |
| 2 1600 | 0.00 | 0.00 | 0.00 | 282 | 062 | 0 |
| 2 1900 | 0.89 | 2.68 | 0.45 | 143 | 018 | 0 |
| 2 2200 | 0.89 | 1.79 | 0.45 | 122 | 016 | 0 |
| 3 100 | 3.13 | 4.47 | 0.89 | 128 | 004 | 0 |
| 3 400 | 3.13 | 19.67 | 0.89 | 124 | 005 | 1 |
| 3 700 | 0.00 | 1.34 | 0.00 | 131 | 063 | 1 |
| 3 1000 | 0.89 | 1.79 | 0.45 | 262 | 007 | 1 |
| 3 1300 | 0.89 | 1.79 | 0.45 | 259 | 007 | 1 |
| 3 1600 | 0.89 | 3.58 | 0.89 | 283 | 023 | 1 |
| 3 1900 | 0.89 | 4.02 | 0.89 | 353 | 038 | 1 |
| 3 2200 | 2.24 | 3.58 | 0.45 | 152 | 007 | 0 |
| 4 100 | 0.00 | 1.79 | 0.45 | 135 | 019 | 0 |
| 4 400 | 0.00 | 0.00 | 0.00 | 117 | 067 | 0 |
| 4 700 | 3.58 | 6.26 | 0.89 | 289 | 004 | 0 |
| 4 1000 | 3.13 | 4.92 | 0.89 | 277 | 004 | 0 |
| 4 1300 | 7.60 | 9.39 | 1.79 | 311 | 001 | 0 |
| 4 1600 | 6.26 | 8.94 | 1.34 | 296 | 007 | 0 |
| 4 1900 | 4.92 | 8.05 | 1.79 | 289 | 007 | 0 |
| 4 2200 | 3.13 | 5.36 | 0.89 | 320 | 009 | 0 |
| 5 100 | 5.81 | 8.05 | 1.34 | 332 | 007 | 0 |
| 5 400 | 4.92 | 6.71 | 0.45 | 318 | 005 | 0 |
| 5 700 | 4.47 | 6.71 | 0.89 | 311 | 004 | 0 |
| 5 1000 | 4.92 | 6.71 | 1.34 | 304 | 002 | 1 |
| 5 1300 | 4.47 | 6.26 | 0.45 | 311 | 004 | 1 |
| 5 1600 | 0.00 | 0.45 | 0.00 | 314 | 067 | 0 |
| 5 1900 | 0.89 | 3.13 | 0.89 | 100 | 033 | 1 |
| 5 2200 | 0.45 | 1.79 | 0.45 | 152 | 014 | 0 |
| 6 100 | 0.45 | 2.24 | 0.45 | 143 | 005 | 0 |
| 6 400 | 0.00 | 1.79 | 0.00 | 091 | 032 | 0 |
| 6 700 | 0.45 | 2.24 | 0.45 | 063 | 009 | 0 |
| 6 1000 | 0.00 | 0.89 | 0.00 | 307 | 050 | 0 |
| 6 1300 | 0.00 | 0.45 | 0.00 | 255 | 005 | 0 |
| 6 1600 | 0.00 | 0.45 | 0.00 | 131 | 049 | 1 |
| 6 1900 | 0.00 | 0.89 | 0.00 | 149 | 018 | 1 |
| 6 2200 | 3.13 | 4.02 | 0.45 | 124 | 001 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 100 | 0.89 | 3.13 | 0.45 | 086 | 005 | 0 |
| 7 400 | 0.00 | 0.89 | 0.00 | 087 | 011 | 0 |
| 7 700 | 0.00 | 1.79 | 0.00 | 062 | 073 | 0 |
| 7 1000 | 0.89 | 3.13 | 0.45 | 023 | 012 | 1 |
| 7 1300 | 0.45 | 3.13 | 0.45 | 004 | 047 | 0 |
| 7 1600 | 0.00 | 0.00 | 0.00 | 217 | 070 | 0 |
| 7 1900 | 0.00 | 0.00 | 0.00 | 210 | 021 | 0 |
| 7 2200 | 0.00 | 36.21 | 1.79 | 181 | 011 | 0 |
| 8 100 | 0.00 | 0.00 | 0.00 | 157 | 004 | 1 |
| 8 400 | 0.00 | 0.89 | 0.00 | 176 | 012 | 0 |
| 8 700 | 0.00 | 0.45 | 0.00 | 105 | 022 | 0 |
| 8 1000 | 0.00 | 0.00 | 0.00 | 232 | 045 | 0 |
| 8 1300 | 0.00 | 0.00 | 0.00 | 083 | 018 | 0 |
| 8 1600 | 0.00 | 0.45 | 0.00 | 248 | 026 | 0 |
| 8 1900 | 1.34 | 4.02 | 1.34 | 157 | 005 | 0 |
| 8 2200 | 2.24 | 4.02 | 0.45 | 152 | 009 | 0 |
| 9 100 | 4.02 | 5.36 | 0.45 | 150 | 002 | 0 |
| 9 400 | 3.58 | 4.47 | 0.45 | 167 | 002 | 0 |
| 9 700 | 1.79 | 9.83 | 1.34 | 148 | 011 | 0 |
| 9 1000 | 2.24 | 3.13 | 0.45 | 157 | 005 | 0 |
| 9 1300 | 0.00 | 1.34 | 0.00 | 133 | 029 | 0 |
| 9 1600 | 1.79 | 3.58 | 0.89 | 090 | 009 | 0 |
| 9 1900 | 1.34 | 3.58 | 0.89 | 109 | 005 | 0 |
| 9 2200 | 1.79 | 3.58 | 0.89 | 114 | 008 | 0 |
| 10 100 | 1.79 | 3.58 | 0.89 | 100 | 015 | 0 |
| 10 400 | 2.24 | 4.92 | 0.89 | 115 | 016 | 0 |
| 10 700 | 0.45 | 0.89 | 0.45 | 067 | 007 | 1 |
| 10 1000 | 0.45 | 2.24 | 0.45 | 071 | 015 | 0 |
| 10 1300 | 2.24 | 4.02 | 0.45 | 071 | 004 | 0 |
| 10 1600 | 2.24 | 4.47 | 0.89 | 067 | 007 | 0 |
| 10 1900 | 0.89 | 4.47 | 0.89 | 105 | 009 | 0 |
| 10 2200 | 1.34 | 4.02 | 0.89 | 067 | 008 | 0 |
| 11 100 | 0.00 | 1.79 | 0.45 | 121 | 023 | 0 |
| 11 400 | 0.45 | 1.79 | 0.45 | 095 | 016 | 0 |
| 11 700 | 0.00 | 64.82 | 3.13 | 038 | 032 | 0 |
| 11 1000 | 0.00 | 0.00 | 0.00 | 303 | 021 | 0 |
| 11 1300 | 0.00 | 0.45 | 0.00 | 249 | 000 | 0 |
| 11 1600 | 0.00 | 0.89 | 0.00 | 249 | 016 | 0 |
| 11 1900 | 0.00 | 1.79 | 0.00 | 201 | 022 | 0 |
| 11 2200 | 0.45 | 1.79 | 0.45 | 133 | 007 | 0 |
| 12 100 | 0.45 | 1.79 | 0.45 | 152 | 015 | 0 |
| 12 400 | 0.00 | 0.00 | 0.00 | 083 | 019 | 0 |
| 12 700 | 0.89 | 2.24 | 0.89 | 280 | 012 | 0 |
| 12 1000 | 0.45 | 1.79 | 0.00 | 249 | 008 | 0 |
| 12 1300 | 0.89 | 2.24 | 0.45 | 267 | 005 | 0 |
| 12 1600 | 0.45 | 0.89 | 0.00 | 256 | 016 | 0 |
| 12 1900 | 0.00 | 0.00 | 0.00 | 177 | 062 | 0 |
| 12 2200 | 1.34 | 3.13 | 0.45 | 105 | 007 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 13 400 | 2.68 | 3.58 | 0.89 | 166 | 008 | 0 |
| 13 700 | 3.58 | 6.26 | 1.34 | 153 | 004 | 0 |
| 13 1000 | 4.47 | 6.26 | 0.89 | 135 | 004 | 1 |
| 13 1300 | 4.92 | 8.05 | 1.79 | 094 | 002 | 1 |
| 13 1600 | 4.92 | 7.60 | 2.24 | 095 | 012 | 1 |
| 13 1900 | 7.15 | 9.83 | 1.34 | 086 | 005 | 1 |
| 13 2200 | 3.13 | 8.05 | 1.34 | 100 | 009 | 1 |
| 14 100 | 3.13 | 5.36 | 0.89 | 077 | 005 | 0 |
| 14 400 | 0.89 | 3.13 | 0.45 | 064 | 012 | 0 |
| 14 700 | 0.45 | 1.79 | 0.00 | 073 | 012 | 0 |
| 14 1000 | 0.89 | 3.58 | 0.45 | 358 | 016 | 0 |
| 14 1300 | 1.79 | 4.92 | 0.45 | 305 | 011 | 0 |
| 14 1600 | 6.71 | 11.18 | 1.79 | 329 | 014 | 0 |
| 14 1900 | 4.92 | 8.94 | 1.79 | 334 | 012 | 0 |
| 14 2200 | 4.47 | 8.49 | 1.79 | 000 | 015 | 0 |
| 15 100 | 3.13 | 7.15 | 0.89 | 052 | 007 | 0 |
| 15 400 | 0.00 | 1.79 | 0.45 | 040 | 016 | 0 |
| 15 700 | 0.00 | 0.00 | 0.00 | 188 | 074 | 0 |
| 15 1000 | 0.00 | 0.45 | 0.00 | 276 | 008 | 0 |
| 15 1300 | 0.00 | 0.00 | 0.00 | 242 | 008 | 0 |
| 15 1600 | 0.00 | 0.00 | 0.00 | 322 | 047 | 0 |
| 15 1900 | 0.00 | 0.45 | 0.00 | 141 | 019 | 0 |
| 15 2200 | 0.45 | 1.34 | 0.00 | 131 | 011 | 0 |
| 16 100 | 0.89 | 3.58 | 0.45 | 108 | 009 | 0 |
| 16 400 | 0.45 | 2.24 | 0.45 | 108 | 014 | 0 |
| 16 700 | 1.34 | 18.33 | 0.89 | 150 | 007 | 0 |
| 16 1000 | 0.00 | 1.34 | 0.45 | 142 | 026 | 0 |
| 16 1300 | 0.89 | 3.58 | 0.89 | 195 | 008 | 0 |
| 16 1600 | 0.89 | 2.68 | 0.89 | 187 | 026 | 0 |
| 16 1900 | 0.89 | 2.24 | 0.45 | 145 | 009 | 0 |
| 16 2200 | 2.24 | 4.92 | 0.89 | 145 | 005 | 0 |
| 17 100 | 4.02 | 5.36 | 0.89 | 145 | 002 | 0 |
| 17 400 | 5.36 | 7.15 | 0.45 | 133 | 002 | 0 |
| 17 700 | 1.34 | 2.68 | 0.89 | 132 | 007 | 0 |
| 17 1000 | 0.00 | 2.24 | 0.00 | 115 | 026 | 0 |
| 17 1300 | 0.45 | 1.79 | 0.45 | 066 | 012 | 0 |
| 17 1600 | 0.00 | 0.45 | 0.00 | 067 | 007 | 0 |
| 17 1900 | 0.00 | 0.45 | 0.00 | 063 | 007 | 0 |
| 17 2200 | 1.34 | 35.32 | 2.24 | 086 | 015 | 0 |
| 18 100 | 2.24 | 3.58 | 0.89 | 111 | 007 | 0 |
| 18 400 | 0.45 | 1.79 | 0.45 | 118 | 012 | 0 |
| 18 700 | 0.45 | 1.79 | 0.45 | 100 | 003 | 0 |
| 18 1000 | 1.34 | 2.68 | 0.89 | 091 | 018 | 0 |
| 18 1300 | 0.00 | 1.79 | 0.00 | 138 | 015 | 0 |
| 18 1600 | 0.00 | 0.89 | 0.00 | 081 | 012 | 0 |
| 18 1900 | 0.45 | 1.79 | 0.45 | 109 | 012 | 0 |
| 18 2200 | 0.89 | 2.24 | 0.45 | 132 | 002 | 0 |
| 19 100 | 0.89 | 2.68 | 0.45 | 132 | 007 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 0.89 | 0.00 | 131 | 004 | 0 |
| 19 700 | 0.00 | 0.45 | 0.00 | 195 | 026 | 0 |
| 19 1000 | 0.00 | 0.89 | 0.00 | 274 | 009 | 0 |
| 19 1300 | 0.00 | 0.89 | 0.00 | 298 | 014 | 0 |
| 19 1600 | 0.00 | 0.45 | 0.00 | 260 | 032 | 0 |
| 19 1900 | 0.00 | 0.45 | 0.00 | 160 | 009 | 0 |
| 19 2200 | 1.34 | 2.68 | 0.45 | 145 | 002 | 0 |
| 20 100 | 0.45 | 1.79 | 0.45 | 135 | 004 | 0 |
| 20 400 | 0.89 | 2.68 | 0.45 | 181 | 011 | 0 |
| 20 700 | 0.45 | 2.24 | 0.45 | 235 | 028 | 0 |
| 20 1000 | 0.45 | 2.24 | 0.45 | 314 | 005 | 0 |
| 20 1300 | 0.00 | 0.89 | 0.00 | 053 | 018 | 0 |
| 20 1600 | 0.00 | 0.00 | 0.00 | 236 | 018 | 0 |
| 20 1900 | 0.00 | 0.00 | 0.00 | 073 | 056 | 0 |
| 20 2200 | 3.13 | 5.36 | 0.89 | 180 | 002 | 0 |
| 21 100 | 3.58 | 5.36 | 1.34 | 176 | 009 | 0 |
| 21 400 | 2.68 | 5.36 | 0.89 | 184 | 004 | 0 |
| 21 700 | 2.24 | 4.47 | 0.89 | 180 | 002 | 0 |
| 21 1000 | 0.89 | 2.24 | 0.45 | 143 | 004 | 0 |
| 21 1300 | 0.00 | 0.89 | 0.00 | 152 | 011 | 0 |
| 21 1600 | 0.00 | 0.00 | 0.00 | 115 | 040 | 0 |
| 21 1900 | 0.00 | 0.45 | 0.00 | 115 | 016 | 0 |
| 21 2200 | 1.34 | 2.68 | 0.45 | 139 | 005 | 0 |
| 22 100 | 2.24 | 3.58 | 0.45 | 129 | 002 | 0 |
| 22 400 | 0.89 | 2.68 | 0.45 | 136 | 004 | 0 |
| 22 700 | 0.00 | 0.00 | 0.00 | 138 | 070 | 1 |
| 22 1000 | 0.00 | 1.34 | 0.45 | 274 | 018 | 0 |
| 22 1300 | 0.45 | 2.24 | 0.45 | 293 | 014 | 0 |
| 22 1600 | 0.00 | 0.45 | 0.00 | 293 | 062 | 0 |
| 22 1900 | 0.45 | 8.94 | 0.45 | 162 | 008 | 0 |
| 22 2200 | 2.24 | 3.13 | 0.45 | 121 | 001 | 0 |
| 23 100 | 1.34 | 3.13 | 0.45 | 109 | 008 | 0 |
| 23 400 | 0.45 | 2.68 | 0.45 | 097 | 008 | 0 |
| 23 700 | 1.79 | 3.58 | 0.45 | 091 | 009 | 0 |
| 23 1000 | 0.89 | 1.79 | 0.00 | 133 | 011 | 0 |
| 23 1300 | 0.89 | 2.24 | 0.45 | 128 | 005 | 0 |
| 23 1600 | 4.02 | 5.81 | 0.45 | 138 | 005 | 0 |
| 23 1900 | 2.24 | 3.58 | 0.45 | 142 | 005 | 0 |
| 23 2200 | 0.45 | 2.24 | 0.45 | 125 | 015 | 0 |
| 24 100 | 1.79 | 3.13 | 0.89 | 122 | 009 | 0 |
| 24 400 | 0.00 | 0.00 | 0.00 | 197 | 026 | 0 |
| 24 700 | 2.68 | 4.47 | 0.89 | 160 | 011 | 0 |
| 24 1000 | 2.68 | 4.47 | 0.45 | 138 | 004 | 0 |
| 24 1300 | 2.24 | 4.02 | 0.89 | 135 | 005 | 0 |
| 24 1600 | 4.47 | 6.71 | 0.89 | 132 | 002 | 0 |
| 24 1900 | 5.36 | 8.05 | 0.89 | 133 | 002 | 0 |
| 24 2200 | 5.36 | 8.05 | 0.89 | 133 | 002 | 0 |
| 25 100 | 5.81 | 8.05 | 0.89 | 145 | 005 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 25 700 | 2.68 | 4.47 | 0.89 | 086 | 007 | 0 |
| 25 1000 | 3.58 | 8.49 | 1.34 | 100 | 007 | 0 |
| 25 1300 | 6.26 | 10.73 | 2.24 | 112 | 008 | 0 |
| 25 1600 | 5.36 | 7.15 | 0.89 | 121 | 002 | 0 |
| 25 1900 | 3.13 | 4.92 | 0.89 | 083 | 005 | 0 |
| 25 2200 | 5.81 | 8.49 | 0.89 | 080 | 011 | 0 |
| 26 100 | 5.36 | 8.49 | 0.89 | 083 | 005 | 0 |
| 26 400 | 3.58 | 6.26 | 0.89 | 063 | 005 | 1 |
| 26 700 | 2.24 | 4.92 | 0.89 | 056 | 005 | 1 |
| 26 1000 | 3.58 | 7.15 | 0.89 | 059 | 005 | 1 |
| 26 1300 | 6.26 | 10.73 | 2.24 | 064 | 005 | 0 |
| 26 1600 | 4.92 | 8.05 | 1.34 | 059 | 004 | 1 |
| 26 1900 | 5.81 | 9.83 | 1.34 | 046 | 005 | 0 |
| 26 2200 | 5.36 | 9.83 | 1.34 | 039 | 005 | 0 |
| 27 100 | 6.26 | 11.62 | 1.34 | 040 | 005 | 0 |
| 27 400 | 6.26 | 12.07 | 1.34 | 046 | 005 | 0 |
| 27 700 | 5.36 | 9.39 | 1.79 | 047 | 004 | 0 |
| 27 1000 | 3.13 | 5.81 | 0.89 | 050 | 004 | 0 |
| 27 1300 | 1.79 | 4.47 | 0.89 | 039 | 007 | 0 |
| 27 1600 | 0.45 | 2.24 | 0.45 | 025 | 009 | 0 |
| 27 1900 | 0.45 | 2.24 | 0.45 | 023 | 011 | 0 |
| 27 2200 | 0.45 | 2.68 | 0.45 | 056 | 032 | 0 |
| 28 100 | 1.79 | 3.13 | 0.45 | 159 | 011 | 0 |
| 28 400 | 0.00 | 0.89 | 0.00 | 105 | 022 | 1 |
| 28 700 | 0.00 | 0.00 | 0.00 | 205 | 000 | 1 |
| 28 1000 | 0.45 | 1.79 | 0.45 | 256 | 023 | 0 |
| 28 1300 | 0.45 | 1.79 | 0.45 | 253 | 009 | 0 |
| 28 1600 | 0.00 | 0.89 | 0.00 | 243 | 015 | 0 |
| 28 1900 | 0.00 | 0.00 | 0.00 | 121 | 014 | 0 |
| 28 2200 | 1.34 | 18.78 | 0.89 | 081 | 007 | 0 |
| 29 100 | 2.24 | 5.81 | 1.34 | 087 | 009 | 0 |
| 29 400 | 1.34 | 3.58 | 0.89 | 071 | 038 | 0 |
| 29 700 | 3.58 | 7.60 | 0.89 | 186 | 005 | 0 |
| 29 1000 | 4.92 | 6.26 | 0.89 | 150 | 002 | 0 |
| 29 1300 | 6.26 | 7.60 | 0.45 | 146 | 002 | 0 |
| 29 1600 | 5.81 | 8.05 | 1.79 | 145 | 004 | 0 |
| 29 1900 | 2.24 | 3.58 | 0.45 | 143 | 008 | 0 |
| 29 2200 | 4.92 | 7.15 | 1.34 | 136 | 002 | 1 |
| 30 100 | 3.58 | 4.92 | 0.45 | 126 | 004 | 0 |
| 30 400 | 3.58 | 4.92 | 0.45 | 141 | 002 | 0 |
| 30 700 | 2.24 | 4.02 | 0.89 | 117 | 007 | 0 |
| 30 1000 | 2.68 | 5.36 | 1.34 | 094 | 009 | 0 |
| 30 1300 | 3.13 | 4.47 | 0.89 | 088 | 004 | 0 |
| 30 1600 | 2.24 | 6.26 | 1.79 | 105 | 014 | 0 |
| 30 1900 | 0.89 | 3.58 | 0.45 | 101 | 008 | 0 |
| 30 2200 | 0.89 | 3.58 | 0.45 | 109 | 003 | 0 |
| 31 400 | 0.89 | 3.58 | 0.89 | 114 | 012 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 31 700 | 0.00 | 0.89 | 0.00 | 090 | 018 | 0 |
| 31 1000 | 0.00 | 0.45 | 0.00 | 263 | 005 | 0 |
| 31 1300 | 0.45 | 1.79 | 0.00 | 262 | 004 | 0 |
| 31 1600 | 0.00 | 0.89 | 0.00 | 270 | 021 | 0 |
| 31 1900 | 0.89 | 2.68 | 0.45 | 107 | 025 | 1 |
| 31 2200 | 4.47 | 5.81 | 0.45 | 081 | 002 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 100 | 1.79 | 4.47 | 0.89 | 093 | 007 | 0 |
| 1 400 | 3.13 | 4.92 | 0.89 | 084 | 004 | 0 |
| 1 700 | 1.34 | 3.58 | 0.45 | 066 | 005 | 0 |
| 1 1000 | 1.34 | 3.13 | 0.45 | 064 | 005 | 0 |
| 1 1300 | 0.89 | 2.68 | 0.45 | 063 | 005 | 0 |
| 1 1600 | 1.79 | 3.58 | 0.45 | 069 | 007 | 0 |
| 1 1900 | 1.79 | 4.47 | 0.89 | 062 | 005 | 0 |
| 1 2200 | 3.13 | 6.26 | 0.89 | 069 | 005 | 0 |
| 2 100 | 2.24 | 4.92 | 0.89 | 073 | 004 | 0 |
| 2 400 | 1.79 | 3.58 | 0.89 | 069 | 004 | 0 |
| 2 700 | 1.79 | 3.58 | 0.45 | 067 | 004 | 0 |
| 2 1000 | 0.89 | 2.68 | 0.45 | 059 | 005 | 0 |
| 2 1300 | 0.89 | 3.13 | 0.45 | 067 | 007 | 0 |
| 2 1600 | 0.89 | 3.13 | 0.45 | 046 | 007 | 0 |
| 2 1900 | 2.68 | 4.92 | 0.45 | 054 | 004 | 0 |
| 2 2200 | 2.24 | 18.78 | 1.34 | 059 | 005 | 0 |
| 3 100 | 2.24 | 4.92 | 0.89 | 056 | 004 | 0 |
| 3 400 | 1.79 | 4.02 | 0.89 | 039 | 008 | 0 |
| 3 700 | 0.89 | 3.58 | 0.45 | 056 | 008 | 0 |
| 3 1000 | 1.34 | 3.58 | 0.45 | 047 | 005 | 0 |
| 3 1300 | 0.45 | 1.79 | 0.00 | 289 | 011 | 0 |
| 3 1600 | 1.34 | 3.58 | 0.45 | 300 | 009 | 0 |
| 3 1900 | 1.79 | 35.76 | 1.79 | 305 | 009 | 0 |
| 3 2200 | 0.45 | 1.79 | 0.45 | 136 | 038 | 0 |
| 4 100 | 0.45 | 1.79 | 0.45 | 177 | 016 | 0 |
| 4 400 | 0.00 | 0.00 | 0.00 | 038 | 052 | 0 |
| 4 700 | 2.24 | 3.58 | 0.00 | 293 | 005 | 0 |
| 4 1000 | 3.13 | 4.92 | 0.89 | 290 | 007 | 0 |
| 4 1300 | 4.92 | 6.26 | 0.45 | 300 | 008 | 0 |
| 4 1600 | 4.47 | 8.49 | 1.79 | 293 | 008 | 0 |
| 4 1900 | 3.13 | 6.26 | 0.89 | 310 | 005 | 0 |
| 4 2200 | 3.58 | 7.60 | 1.79 | 304 | 011 | 0 |
| 5 100 | 3.58 | 6.71 | 1.34 | 313 | 005 | 0 |
| 5 400 | 0.89 | 2.24 | 0.45 | 153 | 015 | 0 |
| 5 700 | 5.36 | 7.60 | 0.45 | 313 | 005 | 0 |
| 5 1000 | 3.58 | 6.26 | 0.89 | 308 | 004 | 0 |
| 5 1300 | 4.47 | 8.05 | 0.89 | 301 | 005 | 0 |
| 5 1600 | 2.24 | 4.47 | 0.89 | 297 | 009 | 0 |
| 5 1900 | 4.47 | 9.39 | 1.34 | 320 | 009 | 0 |
| 5 2200 | 4.92 | 8.94 | 1.34 | 318 | 007 | 0 |
| 6 100 | 5.36 | 8.49 | 1.34 | 313 | 007 | 0 |
| 6 400 | 4.47 | 10.28 | 2.24 | 311 | 008 | 0 |
| 6 700 | 6.71 | 10.28 | 1.34 | 305 | 002 | 0 |
| 6 1000 | 6.26 | 9.83 | 1.79 | 301 | 005 | 0 |
| 6 1300 | 3.58 | 6.26 | 1.34 | 303 | 009 | 0 |
| 6 1600 | 4.47 | 9.39 | 1.79 | 296 | 004 | 0 |
| 6 1900 | 5.81 | 10.73 | 1.79 | 307 | 005 | 0 |
| 6 2200 | 4.47 | 7.60 | 0.89 | 303 | 004 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 100 | 4.92 | 7.60 | 1.79 | 317 | 005 | 0 |
| 7 400 | 0.89 | 6.26 | 1.34 | 174 | 062 | 0 |
| 7 700 | 3.13 | 5.36 | 0.89 | 311 | 007 | 0 |
| 7 1000 | 4.02 | 7.60 | 1.34 | 284 | 012 | 0 |
| 7 1300 | 3.58 | 6.26 | 1.79 | 313 | 007 | 0 |
| 7 1600 | 2.24 | 9.83 | 1.79 | 291 | 019 | 0 |
| 7 1900 | 1.79 | 4.47 | 0.89 | 293 | 011 | 0 |
| 7 2200 | 2.24 | 6.26 | 1.34 | 338 | 025 | 0 |
| 8 100 | 2.24 | 4.47 | 0.89 | 132 | 036 | 0 |
| 8 400 | 0.00 | 0.00 | 0.00 | 062 | 029 | 0 |
| 8 700 | 1.79 | 5.36 | 1.79 | 282 | 026 | 1 |
| 8 1000 | 1.79 | 4.47 | 0.89 | 296 | 009 | 1 |
| 8 1300 | 6.26 | 11.18 | 2.24 | 310 | 007 | 1 |
| 8 1600 | 4.92 | 8.05 | 0.89 | 305 | 008 | 1 |
| 8 1900 | 10.73 | 15.65 | 2.24 | 311 | 004 | 0 |
| 17 100 | 0.45 | 0.89 | 0.45 | 136 | 007 | 0 |
| 17 400 | 0.00 | 33.53 | 1.79 | 129 | 018 | 0 |
| 17 700 | 0.00 | 0.45 | 0.00 | 153 | 021 | 0 |
| 17 1000 | 0.00 | 0.45 | 0.00 | 293 | 019 | 0 |
| 17 1300 | 0.00 | 0.45 | 0.00 | 242 | 009 | 0 |
| 17 1600 | 0.00 | 0.00 | 0.00 | 313 | 064 | 0 |
| 17 1900 | 0.00 | 16.54 | 0.89 | 138 | 052 | 0 |
| 17 2200 | 0.89 | 3.13 | 0.89 | 114 | 011 | 0 |
| 18 100 | 0.45 | 3.58 | 0.45 | 101 | 009 | 0 |
| 18 400 | 0.45 | 1.34 | 0.45 | 122 | 012 | 0 |
| 18 700 | 0.00 | 0.00 | 0.00 | 146 | 026 | 0 |
| 18 1000 | 0.00 | 0.00 | 0.00 | 086 | 004 | 0 |
| 18 1300 | 0.00 | 0.00 | 0.00 | 262 | 007 | 0 |
| 18 1600 | 0.00 | 0.00 | 0.00 | 344 | 028 | 0 |
| 18 1900 | 0.00 | 0.00 | 0.00 | 159 | 029 | 0 |
| 18 2200 | 0.00 | 0.89 | 0.00 | 146 | 015 | 0 |
| 19 100 | 0.00 | 1.34 | 0.45 | 131 | 011 | 0 |
| 19 400 | 0.00 | 0.89 | 0.00 | 050 | 043 | 0 |
| 19 700 | 0.00 | 0.00 | 0.00 | 228 | 066 | 0 |
| 19 1000 | 0.00 | 0.00 | 0.00 | 248 | 011 | 0 |
| 19 1300 | 0.00 | 0.45 | 0.00 | 022 | 062 | 0 |
| 19 1600 | 0.00 | 0.00 | 0.00 | 135 | 053 | 0 |
| 19 1900 | 0.00 | 0.00 | 0.00 | 210 | 032 | 0 |
| 19 2200 | 1.34 | 3.13 | 0.45 | 184 | 005 | 0 |
| 20 100 | 0.45 | 1.79 | 0.45 | 283 | 043 | 0 |
| 20 400 | 0.89 | 1.79 | 0.00 | 087 | 007 | 0 |
| 20 700 | 0.00 | 0.45 | 0.00 | 104 | 042 | 0 |
| 20 1000 | 0.00 | 0.00 | 0.00 | 056 | 005 | 0 |
| 20 1300 | 0.00 | 0.00 | 0.00 | 118 | 060 | 0 |
| 20 1600 | 0.00 | 0.00 | 0.00 | 025 | 009 | 0 |
| 20 1900 | 0.00 | 0.00 | 0.00 | 198 | 019 | 0 |
| 20 2200 | 0.00 | 0.89 | 0.00 | 139 | 015 | 0 |
| 21 100 | 0.45 | 0.89 | 0.00 | 135 | 011 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 21 700 | 0.00 | 0.00 | 0.00 | 328 | 043 | 0 |
| 21 1000 | 0.00 | 1.34 | 0.00 | 310 | 042 | 0 |
| 21 1300 | 0.00 | 0.00 | 0.00 | 298 | 083 | 0 |
| 21 1600 | 0.00 | 0.45 | 0.00 | 289 | 049 | 1 |
| 21 1900 | 0.00 | 0.00 | 0.00 | 177 | 053 | 0 |
| 21 2200 | 1.79 | 17.88 | 0.89 | 188 | 009 | 0 |
| 22 100 | 3.13 | 7.60 | 1.34 | 187 | 005 | 0 |
| 22 400 | 2.68 | 5.36 | 0.89 | 187 | 005 | 0 |
| 22 700 | 3.13 | 5.36 | 1.34 | 176 | 005 | 0 |
| 22 1000 | 2.68 | 4.02 | 0.45 | 142 | 004 | 0 |
| 22 1300 | 3.58 | 5.36 | 0.89 | 119 | 004 | 0 |
| 22 1600 | 0.89 | 4.47 | 0.89 | 100 | 008 | 0 |
| 22 1900 | 1.79 | 5.36 | 0.89 | 098 | 007 | 0 |
| 22 2200 | 5.36 | 7.15 | 0.89 | 088 | 004 | 0 |
| 23 100 | 5.36 | 8.05 | 1.34 | 074 | 004 | 0 |
| 23 400 | 4.92 | 8.94 | 1.79 | 066 | 004 | 0 |
| 23 700 | 3.58 | 6.26 | 0.89 | 057 | 004 | 1 |
| 23 1000 | 4.02 | 7.15 | 0.89 | 057 | 004 | 0 |
| 23 1300 | 4.47 | 8.94 | 0.89 | 049 | 004 | 0 |
| 23 1600 | 4.47 | 7.15 | 1.79 | 047 | 004 | 0 |
| 23 1900 | 3.58 | 6.26 | 0.89 | 042 | 005 | 0 |
| 23 2200 | 4.02 | 6.71 | 0.89 | 050 | 005 | 1 |
| 24 100 | 4.02 | 7.60 | 0.89 | 050 | 005 | 1 |
| 24 400 | 3.58 | 6.26 | 0.45 | 042 | 007 | 1 |
| 24 700 | 2.24 | 5.36 | 0.89 | 033 | 005 | 1 |
| 24 1000 | 2.24 | 4.92 | 0.89 | 016 | 007 | 1 |
| 24 1300 | 3.13 | 4.92 | 0.89 | 033 | 004 | 1 |
| 24 1600 | 2.24 | 4.92 | 0.89 | 016 | 011 | 0 |
| 24 1900 | 1.34 | 3.13 | 0.45 | 033 | 005 | 0 |
| 24 2200 | 0.45 | 2.24 | 0.45 | 091 | 032 | 0 |
| 25 100 | 2.68 | 4.02 | 0.45 | 076 | 002 | 0 |
| 25 400 | 0.89 | 2.24 | 0.45 | 077 | 008 | 0 |
| 25 700 | 0.00 | 0.89 | 0.00 | 105 | 036 | 0 |
| 25 1000 | 0.00 | 0.00 | 0.00 | 338 | 070 | 1 |
| 25 1300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 25 1600 | 0.45 | 1.79 | 0.00 | 267 | 007 | 0 |
| 25 1900 | 0.00 | 0.00 | 0.00 | 138 | 035 | 0 |
| 25 2200 | 0.00 | 1.34 | 0.00 | 121 | 028 | 0 |
| 26 100 | 0.89 | 1.79 | 0.45 | 153 | 008 | 0 |
| 26 400 | 0.00 | 16.54 | 1.34 | 163 | 021 | 0 |
| 26 700 | 0.00 | 0.00 | 0.00 | 054 | 014 | 0 |
| 26 1000 | 0.00 | 0.45 | 0.00 | 157 | 050 | 0 |
| 26 1300 | 0.00 | 1.79 | 0.00 | 289 | 025 | 0 |
| 26 1600 | 0.00 | 33.08 | 1.34 | 179 | 032 | 0 |
| 26 1900 | 0.00 | 0.00 | 0.00 | 031 | 000 | 1 |
| 26 2200 | 3.58 | 21.01 | 1.79 | 176 | 004 | 1 |
| 27 100 | 4.02 | 5.36 | 0.45 | 141 | 004 | 0 |
| 27 400 | 2.68 | 37.10 | 1.79 | 133 | 004 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 27 700 | 0.89 | 2.24 | 0.45 | 129 | 009 | 0 |
| 27 1000 | 0.00 | 1.34 | 0.45 | 098 | 019 | 0 |
| 27 1300 | 0.00 | 16.99 | 0.89 | 112 | 054 | 0 |
| 27 1600 | 0.89 | 16.99 | 0.89 | 062 | 005 | 0 |
| 27 1900 | 0.89 | 3.58 | 0.45 | 059 | 005 | 0 |
| 27 2200 | 1.34 | 4.02 | 0.89 | 059 | 007 | 0 |
| 28 100 | 3.13 | 5.81 | 0.89 | 071 | 005 | 0 |
| 28 400 | 1.34 | 3.58 | 0.45 | 063 | 007 | 0 |
| 28 700 | 0.89 | 3.58 | 0.45 | 059 | 007 | 0 |
| 28 1000 | 1.34 | 3.58 | 0.45 | 050 | 007 | 0 |
| 28 1300 | 2.24 | 3.58 | 0.45 | 040 | 007 | 0 |
| 28 1600 | 1.79 | 3.58 | 0.89 | 045 | 007 | 0 |
| 28 1900 | 1.79 | 3.58 | 0.45 | 045 | 007 | 0 |
| 28 2200 | 0.89 | 3.13 | 0.45 | 040 | 018 | 0 |
| 29 100 | 1.79 | 4.02 | 0.89 | 070 | 004 | 0 |
| 29 400 | 0.45 | 1.79 | 0.45 | 095 | 019 | 0 |
| 29 700 | 0.00 | 0.45 | 0.00 | 086 | 028 | 0 |
| 29 1000 | 0.00 | 0.00 | 0.00 | 270 | 032 | 0 |
| 29 1300 | 0.00 | 0.00 | 0.00 | 238 | 032 | 0 |
| 29 1600 | 0.00 | 0.00 | 0.00 | 222 | 067 | 0 |
| 29 1900 | 0.00 | 0.00 | 0.00 | 180 | 031 | 0 |
| 29 2200 | 0.89 | 2.24 | 0.45 | 135 | 014 | 0 |
| 30 100 | 0.89 | 3.13 | 0.89 | 125 | 007 | 0 |
| 30 400 | 0.45 | 2.24 | 0.45 | 078 | 016 | 0 |
| 30 700 | 0.00 | 0.89 | 0.00 | 029 | 074 | 0 |
| 30 1000 | 0.00 | 1.79 | 0.45 | 047 | 021 | 0 |
| 30 1300 | 0.45 | 2.24 | 0.45 | 301 | 009 | 0 |
| 30 1600 | 0.00 | 0.00 | 0.00 | 129 | 043 | 0 |
| 30 1900 | 0.00 | 1.34 | 0.45 | 293 | 018 | 0 |
| 30 2200 | 2.24 | 4.92 | 1.34 | 083 | 008 | 0 |
| 31 100 | 1.34 | 3.58 | 0.45 | 084 | 008 | 0 |
| 31 400 | 0.00 | 0.89 | 0.00 | 078 | 021 | 0 |
| 31 700 | 0.00 | 0.00 | 0.00 | 212 | 009 | 0 |
| 31 1000 | 0.00 | 0.00 | 0.00 | 219 | 005 | 0 |
| 31 1300 | 0.00 | 0.00 | 0.00 | 160 | 021 | 0 |
| 31 1600 | 0.00 | 0.00 | 0.00 | 282 | 053 | 0 |
| 31 1900 | 0.00 | 0.00 | 0.00 | 046 | 087 | 0 |
| 31 2200 | 0.45 | 1.79 | 0.45 | 112 | 011 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 100 | 0.00 | 1.34 | 0.00 | 115 | 050 | 0 |
| 1 400 | 0.45 | 2.24 | 0.45 | 190 | 007 | 0 |
| 1 700 | 0.45 | 3.13 | 0.45 | 197 | 009 | 0 |
| 1 1000 | 0.45 | 1.79 | 0.45 | 195 | 009 | 0 |
| 1 1300 | 0.00 | 0.00 | 0.00 | 031 | 047 | 0 |
| 1 1600 | 0.00 | 0.00 | 0.00 | 108 | 066 | 0 |
| 1 1900 | 0.00 | 0.00 | 0.00 | 125 | 077 | 0 |
| 1 2200 | 0.45 | 1.34 | 0.00 | 143 | 009 | 0 |
| 2 100 | 0.00 | 0.89 | 0.00 | 164 | 012 | 0 |
| 2 400 | 0.00 | 16.54 | 0.45 | 114 | 012 | 0 |
| 2 700 | 0.00 | 1.79 | 0.45 | 104 | 011 | 0 |
| 2 1000 | 0.00 | 0.00 | 0.00 | 101 | 009 | 0 |
| 2 1300 | 0.00 | 0.45 | 0.00 | 091 | 008 | 0 |
| 2 1600 | 0.00 | 0.00 | 0.00 | 086 | 042 | 0 |
| 2 1900 | 0.00 | 33.53 | 1.34 | 170 | 073 | 0 |
| 2 2200 | 0.45 | 1.79 | 0.45 | 131 | 019 | 0 |
| 3 100 | 2.24 | 4.47 | 0.89 | 131 | 007 | 0 |
| 3 400 | 2.68 | 3.58 | 0.45 | 121 | 011 | 0 |
| 3 700 | 0.00 | 0.89 | 0.00 | 128 | 052 | 0 |
| 3 1000 | 0.00 | 0.00 | 0.00 | 174 | 052 | 0 |
| 3 1300 | 0.45 | 1.79 | 0.45 | 203 | 018 | 0 |
| 3 1600 | 0.00 | 0.00 | 0.00 | 121 | 078 | 0 |
| 3 1900 | 0.00 | 1.79 | 0.00 | 143 | 046 | 0 |
| 3 2200 | 0.00 | 33.53 | 1.79 | 101 | 042 | 0 |
| 4 100 | 0.00 | 0.45 | 0.00 | 043 | 011 | 0 |
| 4 400 | 0.00 | 0.45 | 0.00 | 135 | 022 | 0 |
| 4 700 | 0.00 | 0.00 | 0.00 | 159 | 063 | 0 |
| 4 1000 | 0.89 | 2.24 | 0.45 | 269 | 009 | 0 |
| 4 1300 | 2.24 | 4.92 | 0.89 | 320 | 014 | 0 |
| 4 1600 | 1.34 | 3.13 | 0.45 | 290 | 012 | 0 |
| 4 1900 | 0.00 | 0.45 | 0.00 | 136 | 035 | 0 |
| 4 2200 | 3.13 | 8.94 | 3.13 | 279 | 066 | 0 |
| 5 100 | 4.92 | 7.15 | 0.89 | 315 | 002 | 0 |
| 5 400 | 3.13 | 4.92 | 0.89 | 313 | 007 | 0 |
| 5 700 | 3.58 | 6.26 | 1.34 | 305 | 004 | 0 |
| 5 1000 | 1.79 | 5.36 | 1.34 | 331 | 047 | 0 |
| 5 1300 | 0.89 | 4.92 | 0.45 | 029 | 009 | 0 |
| 5 1600 | 0.00 | 1.79 | 0.45 | 032 | 019 | 0 |
| 5 1900 | 0.45 | 4.02 | 0.89 | 009 | 014 | 0 |
| 5 2200 | 0.89 | 4.02 | 0.45 | 049 | 019 | 0 |
| 6 100 | 1.79 | 3.13 | 0.45 | 067 | 005 | 0 |
| 6 400 | 0.00 | 0.45 | 0.00 | 094 | 031 | 0 |
| 6 700 | 0.00 | 0.45 | 0.00 | 139 | 019 | 0 |
| 6 1000 | 0.00 | 0.00 | 0.00 | 160 | 022 | 0 |
| 6 1300 | 0.00 | 0.00 | 0.00 | 146 | 008 | 0 |
| 6 1600 | 0.00 | 0.00 | 0.00 | 135 | 060 | 0 |
| 6 1900 | 0.00 | 4.02 | 0.00 | 273 | 016 | 0 |
| 6 2200 | 0.00 | 0.00 | 0.00 | 081 | 076 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 100 | 0.00 | 0.45 | 0.00 | 074 | 012 | 0 |
| 7 400 | 0.45 | 2.68 | 0.45 | 204 | 039 | 0 |
| 7 700 | 3.13 | 4.47 | 0.45 | 304 | 008 | 0 |
| 7 1000 | 0.89 | 3.58 | 0.89 | 280 | 012 | 0 |
| 7 1300 | 1.79 | 4.47 | 1.34 | 304 | 008 | 0 |
| 7 1600 | 4.02 | 5.81 | 0.89 | 307 | 009 | 0 |
| 7 1900 | 0.89 | 4.92 | 0.89 | 329 | 043 | 0 |
| 7 2200 | 1.79 | 4.47 | 0.89 | 028 | 012 | 0 |
| 8 100 | 1.79 | 4.92 | 0.89 | 036 | 006 | 0 |
| 8 400 | 1.79 | 4.02 | 0.89 | 036 | 012 | 0 |
| 8 700 | 0.00 | 1.34 | 0.45 | 080 | 019 | 0 |
| 8 1000 | 0.45 | 1.34 | 0.00 | 064 | 018 | 0 |
| 8 1300 | 0.00 | 0.45 | 0.00 | 269 | 005 | 0 |
| 8 1600 | 0.00 | 0.45 | 0.00 | 267 | 008 | 0 |
| 8 1900 | 0.00 | 0.45 | 0.00 | 232 | 021 | 0 |
| 8 2200 | 0.00 | 0.00 | 0.00 | 145 | 011 | 0 |
| 9 100 | 0.00 | 0.00 | 0.00 | 104 | 042 | 0 |
| 9 400 | 0.00 | 0.89 | 0.00 | 138 | 023 | 0 |
| 9 700 | 2.24 | 5.36 | 0.89 | 294 | 014 | 0 |
| 9 1000 | 2.68 | 4.47 | 0.45 | 296 | 009 | 0 |
| 9 1300 | 4.02 | 6.71 | 1.79 | 311 | 007 | 0 |
| 9 1600 | 3.13 | 6.26 | 1.34 | 305 | 007 | 0 |
| 9 1900 | 4.02 | 5.81 | 0.89 | 303 | 005 | 0 |
| 9 2200 | 4.92 | 9.83 | 1.79 | 315 | 005 | 0 |
| 10 100 | 7.60 | 12.52 | 1.79 | 324 | 005 | 0 |
| 10 400 | 3.58 | 6.71 | 0.89 | 315 | 005 | 0 |
| 10 700 | 2.24 | 4.02 | 0.89 | 300 | 007 | 0 |
| 10 1000 | 0.89 | 2.24 | 0.45 | 272 | 021 | 0 |
| 10 1300 | 3.13 | 6.71 | 1.79 | 301 | 021 | 0 |
| 10 1600 | 1.79 | 3.58 | 0.89 | 284 | 012 | 0 |
| 10 1900 | 0.89 | 3.13 | 0.45 | 303 | 015 | 1 |
| 10 2200 | 0.45 | 1.34 | 0.00 | 169 | 028 | 0 |
| 11 100 | 0.00 | 1.34 | 0.00 | 132 | 019 | 0 |
| 11 400 | 0.00 | 1.79 | 0.45 | 142 | 033 | 0 |
| 11 700 | 1.79 | 4.92 | 0.89 | 293 | 040 | 0 |
| 11 1000 | 0.00 | 1.79 | 0.45 | 094 | 062 | 0 |
| 11 1300 | 0.00 | 1.34 | 0.00 | 173 | 032 | 1 |
| 11 1600 | 4.47 | 6.71 | 0.89 | 310 | 007 | 0 |
| 11 1900 | 3.13 | 6.71 | 1.79 | 313 | 007 | 0 |
| 11 2200 | 5.36 | 7.60 | 0.45 | 308 | 004 | 0 |
| 12 100 | 4.47 | 6.71 | 0.89 | 317 | 009 | 0 |
| 12 400 | 2.68 | 6.26 | 0.89 | 325 | 016 | 0 |
| 12 700 | 4.92 | 7.15 | 1.34 | 310 | 005 | 0 |
| 12 1000 | 5.36 | 7.60 | 0.45 | 314 | 002 | 0 |
| 12 1300 | 6.26 | 8.05 | 0.89 | 300 | 002 | 0 |
| 12 1600 | 7.60 | 9.39 | 0.89 | 305 | 002 | 0 |
| 12 1900 | 7.15 | 10.73 | 1.34 | 310 | 004 | 0 |
| 12 2200 | 3.13 | 4.92 | 0.45 | 314 | 008 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 400 | 3.58 | 6.71 | 0.89 | 325 | 008 | 0 |
| 13 700 | 0.45 | 1.79 | 0.45 | 205 | 059 | 0 |
| 13 1000 | 4.02 | 5.81 | 0.89 | 304 | 002 | 0 |
| 13 1300 | 3.58 | 5.81 | 0.89 | 305 | 007 | 0 |
| 13 1600 | 2.68 | 4.47 | 0.89 | 301 | 005 | 0 |
| 13 1900 | 3.58 | 21.01 | 0.89 | 297 | 005 | 0 |
| 13 2200 | 0.00 | 1.34 | 0.00 | 132 | 064 | 0 |
| 14 100 | 0.00 | 1.79 | 0.45 | 164 | 047 | 0 |
| 14 400 | 0.00 | 0.89 | 0.00 | 131 | 052 | 0 |
| 14 700 | 0.45 | 1.79 | 0.45 | 118 | 018 | 0 |
| 14 1000 | 0.89 | 3.13 | 0.45 | 265 | 018 | 0 |
| 14 1300 | 0.45 | 1.79 | 0.45 | 297 | 007 | 0 |
| 14 1600 | 1.79 | 4.47 | 0.89 | 297 | 008 | 0 |
| 14 1900 | 0.00 | 2.68 | 0.45 | 300 | 032 | 0 |
| 14 2200 | 0.89 | 2.24 | 0.45 | 145 | 009 | 0 |
| 15 100 | 0.00 | 0.89 | 0.00 | 148 | 023 | 0 |
| 15 400 | 0.00 | 0.45 | 0.00 | 073 | 009 | 0 |
| 15 700 | 0.00 | 0.45 | 0.00 | 252 | 025 | 0 |
| 15 1000 | 1.79 | 3.13 | 0.00 | 269 | 008 | 0 |
| 15 1300 | 0.89 | 2.24 | 0.45 | 274 | 004 | 0 |
| 15 1600 | 0.00 | 0.45 | 0.00 | 269 | 023 | 0 |
| 15 1900 | 0.00 | 0.00 | 0.00 | 212 | 021 | 0 |
| 15 2200 | 0.00 | 0.45 | 0.00 | 145 | 014 | 0 |
| 16 100 | 0.89 | 3.13 | 0.45 | 074 | 011 | 0 |
| 16 400 | 0.45 | 1.34 | 0.45 | 064 | 012 | 0 |
| 16 700 | 0.00 | 0.89 | 0.00 | 093 | 021 | 0 |
| 16 1000 | 0.00 | 0.89 | 0.00 | 277 | 007 | 0 |
| 16 1300 | 0.00 | 0.89 | 0.00 | 263 | 005 | 0 |
| 16 1600 | 0.00 | 0.45 | 0.00 | 256 | 005 | 0 |
| 16 1900 | 0.00 | 0.00 | 0.00 | 067 | 049 | 0 |
| 16 2200 | 1.79 | 4.47 | 0.89 | 086 | 008 | 0 |
| 17 100 | 2.24 | 4.47 | 0.89 | 080 | 004 | 0 |
| 17 400 | 3.13 | 4.92 | 0.45 | 074 | 008 | 0 |
| 17 700 | 1.79 | 4.92 | 1.79 | 356 | 057 | 0 |
| 17 1000 | 1.34 | 4.02 | 0.89 | 327 | 014 | 0 |
| 17 1300 | 0.45 | 2.24 | 0.45 | 102 | 031 | 0 |
| 17 1600 | 0.00 | 0.45 | 0.00 | 228 | 012 | 0 |
| 17 1900 | 1.34 | 4.02 | 0.89 | 218 | 007 | 0 |
| 17 2200 | 2.68 | 4.47 | 0.89 | 204 | 004 | 0 |
| 18 100 | 0.45 | 3.13 | 0.45 | 131 | 063 | 0 |
| 18 400 | 3.58 | 27.27 | 1.79 | 194 | 035 | 0 |
| 18 700 | 2.68 | 5.36 | 1.34 | 191 | 007 | 1 |
| 18 1000 | 2.24 | 4.47 | 0.89 | 146 | 005 | 0 |
| 18 1300 | 1.79 | 4.02 | 0.89 | 108 | 007 | 0 |
| 18 1600 | 0.45 | 1.79 | 0.00 | 107 | 022 | 0 |
| 18 1900 | 0.00 | 1.34 | 0.45 | 170 | 019 | 0 |
| 18 2200 | 1.79 | 3.58 | 0.45 | 131 | 007 | 0 |
| 19 100 | 1.34 | 2.24 | 0.45 | 129 | 008 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 16.54 | 0.45 | 019 | 012 | 0 |
| 19 700 | 5.36 | 9.39 | 1.79 | 310 | 005 | 0 |
| 19 1000 | 4.47 | 6.71 | 0.89 | 308 | 005 | 0 |
| 19 1300 | 1.79 | 4.47 | 0.89 | 298 | 009 | 0 |
| 19 1600 | 2.24 | 5.36 | 1.34 | 287 | 012 | 0 |
| 19 1900 | 2.24 | 5.36 | 0.89 | 304 | 008 | 0 |
| 19 2200 | 3.13 | 6.71 | 1.34 | 315 | 014 | 0 |
| 20 100 | 4.92 | 7.60 | 1.79 | 311 | 009 | 0 |
| 20 400 | 1.79 | 3.58 | 0.45 | 132 | 009 | 0 |
| 20 700 | 0.00 | 0.89 | 0.00 | 160 | 058 | 0 |
| 20 1000 | 0.45 | 1.34 | 0.45 | 280 | 011 | 0 |
| 20 1300 | 0.00 | 0.45 | 0.00 | 274 | 009 | 0 |
| 20 1600 | 0.00 | 0.00 | 0.00 | 289 | 021 | 0 |
| 20 1900 | 0.00 | 0.00 | 0.00 | 215 | 005 | 0 |
| 20 2200 | 0.00 | 0.45 | 0.00 | 190 | 009 | 0 |
| 21 100 | 1.34 | 4.47 | 0.45 | 186 | 009 | 0 |
| 21 400 | 3.13 | 5.36 | 0.89 | 157 | 005 | 0 |
| 21 700 | 2.68 | 3.58 | 0.45 | 166 | 007 | 0 |
| 21 1000 | 1.79 | 2.68 | 0.45 | 153 | 001 | 0 |
| 21 1300 | 0.00 | 0.45 | 0.00 | 181 | 012 | 0 |
| 21 1600 | 0.00 | 1.79 | 0.00 | 097 | 026 | 0 |
| 21 1900 | 1.79 | 4.47 | 0.45 | 166 | 008 | 0 |
| 21 2200 | 2.24 | 3.58 | 0.45 | 173 | 007 | 0 |
| 22 100 | 5.36 | 8.05 | 1.79 | 143 | 004 | 0 |
| 22 400 | 3.13 | 21.01 | 1.34 | 155 | 008 | 0 |
| 22 700 | 0.00 | 2.68 | 0.45 | 294 | 043 | 0 |
| 22 1000 | 3.13 | 4.92 | 0.89 | 315 | 004 | 0 |
| 22 1300 | 2.68 | 4.92 | 0.89 | 307 | 004 | 0 |
| 22 1600 | 3.58 | 8.05 | 1.34 | 297 | 011 | 0 |
| 22 1900 | 4.47 | 8.94 | 0.89 | 300 | 005 | 0 |
| 22 2200 | 4.47 | 7.15 | 0.89 | 305 | 005 | 0 |
| 23 100 | 6.71 | 9.83 | 1.79 | 296 | 005 | 1 |
| 23 400 | 2.24 | 5.36 | 0.89 | 310 | 007 | 0 |
| 23 700 | 1.79 | 5.36 | 0.89 | 314 | 012 | 0 |
| 23 1000 | 0.89 | 4.47 | 0.89 | 296 | 076 | 1 |
| 23 1300 | 0.45 | 1.34 | 0.00 | 286 | 019 | 0 |
| 23 1600 | 0.00 | 0.89 | 0.00 | 170 | 039 | 0 |
| 23 1900 | 0.89 | 3.58 | 0.89 | 321 | 067 | 0 |
| 23 2200 | 0.00 | 33.53 | 1.79 | 195 | 088 | 0 |
| 24 100 | 0.00 | 1.34 | 0.00 | 088 | 014 | 0 |
| 24 400 | 0.45 | 33.98 | 1.79 | 063 | 004 | 0 |
| 24 700 | 0.00 | 0.89 | 0.00 | 108 | 038 | 0 |
| 24 1000 | 0.00 | 0.89 | 0.00 | 200 | 032 | 0 |
| 24 1300 | 0.00 | 0.45 | 0.00 | 215 | 026 | 0 |
| 24 1600 | 0.45 | 3.13 | 0.45 | 201 | 035 | 0 |
| 24 1900 | 4.02 | 8.49 | 1.34 | 205 | 007 | 0 |
| 24 2200 | 4.47 | 8.49 | 0.89 | 227 | 009 | 0 |
| 25 100 | 7.15 | 8.94 | 0.89 | 212 | 002 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 700 | 3.58 | 5.81 | 0.89 | 229 | 007 | 0 |
| 25 1000 | 3.58 | 5.81 | 0.89 | 241 | 004 | 0 |
| 25 1300 | 2.24 | 4.02 | 0.89 | 215 | 008 | 0 |
| 25 1600 | 0.00 | 2.24 | 0.45 | 256 | 019 | 0 |
| 25 1900 | 5.36 | 11.18 | 1.34 | 287 | 007 | 0 |
| 25 2200 | 12.52 | 19.67 | 3.13 | 303 | 005 | 0 |
| 26 100 | 12.52 | 18.78 | 2.24 | 300 | 007 | 0 |
| 26 400 | 12.96 | 20.12 | 2.68 | 296 | 005 | 0 |
| 26 700 | 14.31 | 22.35 | 2.68 | 304 | 005 | 0 |
| 26 1000 | 19.22 | 25.48 | 2.68 | 305 | 004 | 0 |
| 26 1300 | 11.62 | 16.54 | 2.24 | 315 | 008 | 0 |
| 26 1600 | 16.54 | 26.82 | 4.02 | 328 | 005 | 0 |
| 26 1900 | 21.46 | 28.61 | 2.24 | 318 | 004 | 0 |
| 26 2200 | 20.56 | 29.95 | 4.02 | 311 | 007 | 0 |
| 27 100 | 12.52 | 17.88 | 2.68 | 308 | 007 | 0 |
| 27 400 | 5.81 | 12.07 | 1.79 | 313 | 011 | 0 |
| 27 700 | 7.60 | 13.86 | 2.24 | 310 | 007 | 0 |
| 27 1000 | 1.34 | 8.05 | 1.79 | 269 | 059 | 0 |
| 27 1300 | 3.58 | 9.39 | 1.79 | 311 | 018 | 0 |
| 27 1600 | 0.45 | 2.24 | 0.45 | 289 | 032 | 1 |
| 27 1900 | 0.00 | 0.89 | 0.00 | 300 | 021 | 0 |
| 27 2200 | 0.45 | 2.24 | 0.45 | 031 | 016 | 0 |
| 28 100 | 2.68 | 4.92 | 0.45 | 320 | 009 | 0 |
| 28 400 | 1.79 | 2.68 | 0.89 | 155 | 005 | 0 |
| 28 700 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 28 1000 | 0.89 | 2.24 | 0.45 | 308 | 014 | 1 |
| 28 1300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 28 1600 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 28 1900 | 0.00 | 4.02 | 0.45 | 284 | 016 | 1 |
| 28 2200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 100 | 0.00 | 0.89 | 0.45 | 177 | 009 | 0 |
| 29 400 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 700 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1000 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1300 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1600 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 29 1900 | 1.34 | 3.13 | 0.89 | 172 | 009 | 0 |
| 29 2200 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 30 100 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 30 400 | 0.00 | 0.00 | 0.00 | 001 | 000 | 1 |
| 30 700 | 4.47 | 6.26 | 0.45 | 305 | 002 | 0 |
| 30 1000 | 6.71 | 9.83 | 1.34 | 303 | 004 | 0 |
| 30 1300 | 7.15 | 10.73 | 1.34 | 308 | 004 | 0 |
| 30 1600 | 7.15 | 9.39 | 0.89 | 305 | 004 | 0 |
| 30 1900 | 9.83 | 13.86 | 1.79 | 314 | 004 | 0 |
| 30 2200 | 8.05 | 11.18 | 1.79 | 314 | 007 | 0 |
| 31 100 | 6.26 | 10.28 | 1.79 | 325 | 003 | 0 |
| 31 400 | 8.49 | 11.52 | 1.79 | 314 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 700 | 4.92 | 7.15 | 0.89 | 324 | 005 | 0 |
| 31 1000 | 4.47 | 7.60 | 1.34 | 305 | 007 | 0 |
| 31 1300 | 3.58 | 9.83 | 1.79 | 310 | 011 | 0 |
| 31 1600 | 3.58 | 6.26 | 0.89 | 322 | 007 | 0 |
| 31 1900 | 6.71 | 11.18 | 1.79 | 321 | 007 | 0 |
| 31 2200 | 8.05 | 11.18 | 0.89 | 318 | 005 | 0 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 1 100 | 8.94 | 12.96 | 1.79 | 321 | 007 | 0 |
| 1 400 | 4.47 | 8.49 | 0.89 | 320 | 008 | 0 |
| 1 700 | 2.68 | 4.47 | 0.89 | 317 | 005 | 0 |
| 1 1000 | 3.58 | 5.36 | 0.45 | 308 | 005 | 0 |
| 1 1300 | 6.26 | 8.05 | 1.34 | 317 | 002 | 0 |
| 1 1600 | 7.60 | 9.83 | 0.89 | 317 | 004 | 0 |
| 1 1900 | 8.05 | 11.18 | 0.89 | 313 | 004 | 0 |
| 1 2200 | 3.13 | 7.60 | 1.34 | 349 | 015 | 0 |
| 2 100 | 1.79 | 7.60 | 1.34 | 022 | 016 | 0 |
| 2 400 | 1.79 | 4.47 | 0.89 | 022 | 025 | 0 |
| 2 700 | 0.45 | 1.79 | 0.45 | 004 | 035 | 0 |
| 2 1000 | 0.89 | 3.13 | 0.89 | 308 | 007 | 0 |
| 2 1300 | 1.79 | 4.02 | 0.89 | 307 | 004 | 0 |
| 2 1600 | 1.34 | 3.13 | 0.45 | 307 | 004 | 0 |
| 2 1900 | 0.89 | 2.24 | 0.45 | 307 | 008 | 0 |
| 2 2200 | 0.45 | 2.24 | 0.45 | 054 | 011 | 0 |
| 3 100 | 1.79 | 3.13 | 0.45 | 091 | 002 | 0 |
| 3 400 | 0.00 | 1.79 | 0.00 | 172 | 025 | 0 |
| 3 700 | 0.00 | 0.00 | 0.00 | 235 | 039 | 0 |
| 3 1000 | 4.47 | 6.26 | 0.89 | 301 | 002 | 0 |
| 3 1300 | 6.71 | 9.83 | 0.89 | 301 | 005 | 0 |
| 3 1600 | 9.39 | 12.07 | 0.89 | 313 | 002 | 0 |
| 3 1900 | 6.71 | 10.28 | 1.79 | 311 | 007 | 0 |
| 3 2200 | 4.92 | 8.05 | 1.79 | 308 | 008 | 0 |
| 4 100 | 5.36 | 10.73 | 1.79 | 346 | 016 | 0 |
| 4 400 | 4.92 | 9.39 | 0.89 | 345 | 012 | 0 |
| 4 700 | 0.89 | 3.13 | 0.89 | 317 | 025 | 0 |
| 4 1000 | 3.13 | 5.36 | 0.89 | 338 | 011 | 0 |
| 4 1300 | 2.68 | 7.15 | 0.89 | 325 | 021 | 0 |
| 4 1600 | 2.24 | 4.92 | 0.89 | 348 | 022 | 0 |
| 4 1900 | 1.79 | 4.92 | 0.89 | 011 | 009 | 0 |
| 4 2200 | 1.34 | 5.36 | 0.89 | 043 | 011 | 0 |
| 5 100 | 1.79 | 4.47 | 0.45 | 066 | 012 | 0 |
| 5 400 | 1.79 | 3.58 | 0.89 | 067 | 004 | 0 |
| 5 700 | 0.45 | 1.79 | 0.45 | 056 | 005 | 0 |
| 5 1000 | 0.00 | 1.34 | 0.45 | 056 | 008 | 0 |
| 5 1300 | 0.00 | 1.79 | 0.45 | 032 | 012 | 1 |
| 5 1600 | 0.00 | 0.89 | 0.00 | 056 | 011 | 1 |
| 5 1900 | 0.89 | 3.13 | 0.45 | 046 | 008 | 1 |
| 5 2200 | 2.24 | 4.47 | 0.89 | 081 | 012 | 0 |
| 6 100 | 1.34 | 3.58 | 0.89 | 111 | 009 | 0 |
| 6 400 | 0.89 | 2.68 | 0.45 | 084 | 005 | 0 |
| 6 700 | 0.89 | 2.24 | 0.45 | 084 | 011 | 1 |
| 6 1000 | 0.00 | 0.89 | 0.45 | 093 | 012 | 0 |
| 6 1300 | 0.45 | 1.79 | 0.45 | 056 | 005 | 1 |
| 6 1600 | 0.45 | 1.79 | 0.45 | 053 | 009 | 0 |
| 6 1900 | 0.00 | 0.89 | 0.00 | 104 | 008 | 0 |
| 6 2200 | 0.89 | 1.79 | 0.45 | 132 | 004 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 7 100 | 0.89 | 34.87 | 1.79 | 145 | 004 | 0 |
| 7 400 | 0.45 | 1.79 | 0.45 | 122 | 005 | 0 |
| 7 700 | 0.00 | 0.89 | 0.00 | 107 | 009 | 0 |
| 7 1000 | 0.00 | 0.00 | 0.00 | 095 | 014 | 0 |
| 7 1300 | 0.00 | 0.45 | 0.00 | 215 | 011 | 0 |
| 7 1600 | 0.00 | 0.00 | 0.00 | 242 | 019 | 0 |
| 7 1900 | 4.02 | 5.81 | 0.89 | 126 | 002 | 0 |
| 7 2200 | 4.47 | 6.26 | 0.45 | 142 | 001 | 0 |
| 8 100 | 4.92 | 38.00 | 1.79 | 139 | 002 | 0 |
| 8 400 | 4.92 | 6.26 | 0.89 | 136 | 002 | 0 |
| 8 700 | 6.26 | 8.49 | 1.34 | 128 | 001 | 0 |
| 8 1000 | 6.71 | 9.39 | 1.34 | 128 | 004 | 0 |
| 8 1300 | 8.94 | 13.41 | 1.34 | 128 | 004 | 0 |
| 8 1600 | 5.81 | 10.28 | 2.24 | 111 | 005 | 0 |
| 8 1900 | 1.79 | 3.58 | 0.89 | 119 | 009 | 0 |
| 8 2200 | 1.34 | 3.58 | 0.89 | 111 | 008 | 0 |
| 9 100 | 1.79 | 3.58 | 0.89 | 114 | 002 | 0 |
| 9 400 | 0.45 | 1.79 | 0.45 | 093 | 021 | 0 |
| 9 700 | 0.00 | 1.79 | 0.45 | 070 | 007 | 0 |
| 9 1000 | 0.45 | 1.79 | 0.00 | 031 | 014 | 0 |
| 9 1300 | 0.89 | 2.68 | 0.45 | 315 | 004 | 0 |
| 9 1600 | 2.24 | 4.02 | 0.45 | 308 | 004 | 0 |
| 9 1900 | 2.24 | 4.02 | 0.45 | 314 | 008 | 0 |
| 9 2200 | 2.24 | 5.36 | 0.89 | 043 | 007 | 0 |
| 10 100 | 2.24 | 5.81 | 1.79 | 015 | 009 | 0 |
| 10 400 | 1.34 | 4.02 | 0.89 | 012 | 016 | 1 |
| 10 700 | 1.79 | 3.13 | 0.45 | 310 | 004 | 0 |
| 10 1000 | 4.92 | 6.71 | 0.89 | 310 | 002 | 0 |
| 10 1300 | 3.58 | 4.92 | 0.89 | 290 | 002 | 1 |
| 10 1600 | 0.89 | 3.13 | 0.45 | 245 | 021 | 0 |
| 10 1900 | 4.47 | 6.26 | 0.89 | 301 | 002 | 0 |
| 10 2200 | 4.47 | 8.94 | 1.79 | 298 | 007 | 0 |
| 11 100 | 5.36 | 8.49 | 0.89 | 298 | 004 | 0 |
| 11 400 | 6.71 | 9.83 | 1.79 | 310 | 005 | 0 |
| 11 700 | 5.36 | 8.05 | 0.89 | 311 | 002 | 0 |
| 11 1000 | 4.02 | 5.81 | 0.89 | 289 | 005 | 0 |
| 11 1300 | 4.02 | 6.26 | 0.45 | 293 | 004 | 0 |
| 11 1600 | 0.89 | 4.92 | 0.89 | 279 | 026 | 0 |
| 11 1900 | 0.89 | 2.24 | 0.45 | 277 | 009 | 0 |
| 11 2200 | 0.45 | 0.89 | 0.00 | 160 | 008 | 0 |
| 12 100 | 1.79 | 3.13 | 0.89 | 102 | 015 | 0 |
| 12 400 | 4.47 | 6.26 | 0.45 | 153 | 002 | 0 |
| 12 700 | 1.79 | 3.13 | 0.45 | 164 | 002 | 0 |
| 12 1000 | 0.45 | 1.79 | 0.45 | 149 | 035 | 0 |
| 12 1300 | 0.00 | 2.68 | 0.45 | 210 | 015 | 1 |
| 12 1600 | 0.45 | 1.79 | 0.45 | 191 | 011 | 1 |
| 12 1900 | 0.00 | 0.00 | 0.00 | 236 | 000 | 0 |
| 12 2200 | 0.45 | 2.24 | 0.45 | 183 | 009 | 0 |

KODIAK, ALASKA
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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 13 400 | 3.13 | 4.47 | 0.45 | 136 | 002 | 0 |
| 13 700 | 0.00 | 0.00 | 0.00 | 297 | 046 | 1 |
| 13 1000 | 0.45 | 1.34 | 0.45 | 107 | 071 | 0 |
| 13 1300 | 0.00 | 1.79 | 0.00 | 093 | 014 | 0 |
| 13 1600 | 3.58 | 6.26 | 1.79 | 114 | 004 | 0 |
| 13 1900 | 2.68 | 6.71 | 0.89 | 101 | 007 | 0 |
| 13 2200 | 4.92 | 9.39 | 1.79 | 094 | 005 | 0 |
| 14 100 | 8.05 | 12.07 | 1.79 | 087 | 004 | 0 |
| 14 400 | 9.39 | 14.31 | 2.24 | 071 | 004 | 0 |
| 14 700 | 11.62 | 16.99 | 2.24 | 078 | 004 | 0 |
| 14 1000 | 7.15 | 11.18 | 1.79 | 071 | 004 | 0 |
| 14 1300 | 4.92 | 8.49 | 1.79 | 081 | 002 | 0 |
| 14 1600 | 4.47 | 6.71 | 0.89 | 138 | 007 | 0 |
| 14 1900 | 1.79 | 3.58 | 0.45 | 083 | 011 | 0 |
| 14 2200 | 0.89 | 3.13 | 0.45 | 052 | 008 | 0 |
| 15 100 | 0.00 | 0.89 | 0.00 | 074 | 011 | 0 |
| 15 400 | 0.89 | 2.24 | 0.45 | 083 | 004 | 0 |
| 15 700 | 0.00 | 0.45 | 0.00 | 093 | 012 | 0 |
| 15 1000 | 0.45 | 1.79 | 0.45 | 129 | 005 | 0 |
| 15 1300 | 0.45 | 1.79 | 0.45 | 070 | 004 | 0 |
| 15 1600 | 0.89 | 2.24 | 0.45 | 074 | 011 | 0 |
| 15 1900 | 0.89 | 2.68 | 0.45 | 070 | 005 | 0 |
| 15 2200 | 2.24 | 4.92 | 0.45 | 062 | 005 | 0 |
| 16 100 | 2.68 | 4.92 | 0.89 | 064 | 005 | 1 |
| 16 400 | 4.47 | 8.49 | 1.79 | 053 | 004 | 0 |
| 16 700 | 2.68 | 5.36 | 0.45 | 033 | 007 | 0 |
| 16 1000 | 4.47 | 9.39 | 1.34 | 036 | 008 | 0 |
| 16 1300 | 2.24 | 8.94 | 1.79 | 352 | 026 | 0 |
| 16 1600 | 2.68 | 4.92 | 0.89 | 043 | 007 | 0 |
| 16 1900 | 2.24 | 4.47 | 0.89 | 039 | 005 | 0 |
| 16 2200 | 0.89 | 4.02 | 0.45 | 016 | 014 | 0 |
| 17 100 | 0.89 | 3.13 | 0.45 | 043 | 009 | 1 |
| 17 400 | 0.89 | 3.13 | 0.45 | 045 | 008 | 1 |
| 17 700 | 0.00 | 1.34 | 0.00 | 334 | 025 | 1 |
| 17 1000 | 0.00 | 0.89 | 0.00 | 266 | 005 | 1 |
| 17 1300 | 0.00 | 0.89 | 0.00 | 252 | 012 | 1 |
| 17 1600 | 0.00 | 0.00 | 0.00 | 294 | 056 | 1 |
| 17 1900 | 0.00 | 0.89 | 0.00 | 291 | 050 | 1 |
| 17 2200 | 0.00 | 0.00 | 0.00 | 173 | 025 | 1 |
| 18 100 | 0.45 | 1.79 | 0.45 | 141 | 014 | 1 |
| 18 400 | 0.00 | 0.89 | 0.00 | 000 | 019 | 1 |
| 18 700 | 0.00 | 16.54 | 0.45 | 143 | 031 | 0 |
| 18 1000 | 1.79 | 3.13 | 0.45 | 317 | 008 | 0 |
| 18 1300 | 0.45 | 2.24 | 0.45 | 328 | 012 | 0 |
| 18 1600 | 0.00 | 0.89 | 0.00 | 277 | 011 | 0 |
| 18 1900 | 0.00 | 0.45 | 0.00 | 273 | 019 | 0 |
| 18 2200 | 0.00 | 0.00 | 0.00 | 241 | 031 | 0 |
| 19 100 | 0.00 | 0.45 | 0.00 | 121 | 015 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 19 400 | 0.00 | 0.89 | 0.00 | 186 | 025 | 0 |
| 19 700 | 1.34 | 8.94 | 0.89 | 252 | 070 | 0 |
| 19 1000 | 0.89 | 3.13 | 0.45 | 280 | 012 | 0 |
| 19 1300 | 0.00 | 0.89 | 0.00 | 266 | 009 | 0 |
| 19 1600 | 0.00 | 1.34 | 0.45 | 286 | 035 | 0 |
| 19 1900 | 0.45 | 1.79 | 0.45 | 276 | 011 | 0 |
| 19 2200 | 0.00 | 0.00 | 0.00 | 238 | 040 | 0 |
| 20 100 | 4.92 | 7.60 | 0.89 | 310 | 007 | 0 |
| 20 400 | 4.47 | 8.05 | 2.24 | 301 | 012 | 0 |
| 20 700 | 4.92 | 9.39 | 1.79 | 311 | 011 | 0 |
| 20 1000 | 0.89 | 4.47 | 0.89 | 263 | 019 | 0 |
| 20 1300 | 0.45 | 2.24 | 0.45 | 248 | 019 | 0 |
| 20 1600 | 7.60 | 11.18 | 1.79 | 297 | 004 | 0 |
| 20 1900 | 2.24 | 5.81 | 0.89 | 294 | 012 | 0 |
| 20 2200 | 6.26 | 9.83 | 1.34 | 324 | 009 | 0 |
| 21 100 | 5.36 | 8.94 | 0.89 | 307 | 009 | 0 |
| 21 400 | 1.34 | 3.13 | 0.45 | 298 | 005 | 0 |
| 21 700 | 0.00 | 1.34 | 0.00 | 317 | 032 | 0 |
| 21 1000 | 0.45 | 1.79 | 0.45 | 279 | 007 | 1 |
| 21 1300 | 0.00 | 0.89 | 0.00 | 284 | 008 | 1 |
| 21 1600 | 0.00 | 0.00 | 0.00 | 267 | 005 | 1 |
| 21 1900 | 0.00 | 0.45 | 0.00 | 266 | 005 | 1 |
| 21 2200 | 0.00 | 0.00 | 0.00 | 104 | 032 | 1 |
| 22 100 | 4.92 | 12.07 | 0.45 | 153 | 011 | 1 |
| 22 400 | 3.58 | 4.92 | 0.89 | 149 | 002 | 1 |
| 22 700 | 5.36 | 7.15 | 1.34 | 152 | 002 | 1 |
| 22 1000 | 5.36 | 8.05 | 0.89 | 142 | 004 | 1 |
| 22 1300 | 7.60 | 9.83 | 1.79 | 135 | 001 | 1 |
| 22 1600 | 7.60 | 10.73 | 1.34 | 142 | 001 | 0 |
| 22 1900 | 8.94 | 10.73 | 1.34 | 146 | 002 | 0 |
| 22 2200 | 8.94 | 11.62 | 1.34 | 141 | 005 | 0 |
| 23 100 | 8.05 | 11.18 | 0.89 | 150 | 002 | 0 |
| 23 400 | 11.18 | 15.20 | 2.24 | 150 | 002 | 0 |
| 23 700 | 10.73 | 13.86 | 2.24 | 142 | 011 | 0 |
| 23 1000 | 9.39 | 12.07 | 1.79 | 143 | 002 | 1 |
| 23 1300 | 8.94 | 12.52 | 0.89 | 129 | 002 | 0 |
| 23 1600 | 5.36 | 11.16 | 1.79 | 107 | 005 | 1 |
| 23 1900 | 7.60 | 9.83 | 1.34 | 088 | 004 | 1 |
| 23 2200 | 2.68 | 6.26 | 1.34 | 107 | 005 | 0 |
| 24 100 | 2.24 | 4.92 | 0.89 | 094 | 009 | 0 |
| 24 400 | 0.89 | 3.58 | 0.89 | 053 | 005 | 0 |
| 24 700 | 0.45 | 1.79 | 0.45 | 011 | 007 | 0 |
| 24 1000 | 0.00 | 0.00 | 0.00 | 059 | 073 | 1 |
| 24 1300 | 0.00 | 0.00 | 0.00 | 159 | 005 | 0 |
| 24 1600 | 1.79 | 6.26 | 2.24 | 231 | 035 | 0 |
| 24 1900 | 0.00 | 0.89 | 0.00 | 146 | 011 | 0 |
| 24 2200 | 0.00 | 0.45 | 0.00 | 093 | 053 | 0 |
| 25 100 | 0.89 | 2.68 | 0.45 | 241 | 012 | 1 |

KODIAK, ALASKA
SEP 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 25 700 | 1.79 | 5.36 | 1.34 | 325 | 036 | 0 |
| 25 1000 | 0.00 | 1.79 | 0.00 | 088 | 053 | 0 |
| 25 1300 | 0.00 | 0.89 | 0.00 | 258 | 014 | 1 |
| 25 1600 | 0.00 | 0.00 | 0.00 | 249 | 012 | 1 |
| 25 1900 | 0.00 | 33.53 | 1.79 | 260 | 012 | 0 |
| 25 2200 | 0.00 | 0.00 | 0.00 | 073 | 019 | 0 |
| 26 100 | 3.58 | 6.71 | 1.34 | 150 | 005 | 1 |
| 26 400 | 3.58 | 12.07 | 0.89 | 142 | 005 | 1 |
| 26 700 | 4.02 | 6.26 | 0.89 | 136 | 005 | 1 |
| 26 1000 | 5.36 | 6.71 | 1.34 | 139 | 008 | 0 |
| 26 1300 | 4.47 | 6.26 | 1.34 | 114 | 004 | 0 |
| 26 1600 | 6.71 | 9.83 | 0.89 | 122 | 004 | 0 |
| 26 1900 | 7.60 | 10.28 | 1.34 | 129 | 002 | 0 |
| 26 2200 | 5.36 | 22.35 | 0.89 | 131 | 008 | 0 |
| 27 100 | 2.68 | 5.81 | 0.89 | 109 | 004 | 1 |
| 27 400 | 1.79 | 5.36 | 0.45 | 104 | 007 | 1 |
| 27 700 | 1.79 | 4.92 | 0.45 | 098 | 005 | 1 |
| 27 1000 | 1.79 | 3.58 | 0.45 | 102 | 005 | 1 |
| 27 1300 | 2.68 | 5.36 | 0.89 | 087 | 007 | 1 |
| 27 1600 | 2.68 | 5.36 | 0.89 | 063 | 005 | 1 |
| 27 1900 | 4.02 | 6.26 | 0.89 | 070 | 004 | 1 |
| 27 2200 | 3.58 | 6.71 | 1.34 | 066 | 004 | 1 |
| 28 100 | 3.58 | 6.71 | 0.89 | 062 | 004 | 1 |
| 28 400 | 3.13 | 5.81 | 0.89 | 062 | 008 | 1 |
| 28 700 | 4.92 | 9.39 | 0.89 | 050 | 004 | 0 |
| 28 1000 | 4.02 | 7.60 | 1.34 | 036 | 007 | 0 |
| 28 1300 | 0.45 | 2.24 | 0.45 | 046 | 009 | 0 |
| 28 1600 | 3.13 | 4.92 | 0.89 | 314 | 007 | 0 |
| 28 1900 | 3.58 | 5.81 | 0.45 | 314 | 007 | 0 |
| 28 2200 | 1.34 | 4.92 | 0.89 | 305 | 009 | 0 |
| 29 100 | 0.89 | 5.36 | 0.89 | 049 | 015 | 0 |
| 29 400 | 4.47 | 9.39 | 1.34 | 014 | 008 | 0 |
| 29 700 | 5.36 | 8.94 | 1.79 | 317 | 005 | 0 |
| 29 1000 | 4.02 | 6.26 | 0.45 | 308 | 004 | 0 |
| 29 1300 | 2.24 | 3.58 | 0.45 | 298 | 007 | 0 |
| 29 1600 | 0.89 | 3.58 | 0.45 | 307 | 023 | 0 |
| 29 1900 | 0.00 | 1.79 | 0.45 | 280 | 023 | 0 |
| 29 2200 | 2.24 | 5.36 | 1.34 | 307 | 008 | 0 |
| 30 100 | 3.13 | 5.36 | 0.89 | 303 | 005 | 0 |
| 30 400 | 0.00 | 0.89 | 0.00 | 093 | 012 | 1 |
| 30 700 | 0.00 | 0.45 | 0.00 | 342 | 064 | 0 |
| 30 1000 | 0.00 | 0.00 | 0.00 | 298 | 016 | 0 |
| 30 1300 | 0.00 | 0.45 | 0.00 | 095 | 022 | 0 |
| 30 1600 | 3.13 | 8.05 | 0.89 | 100 | 007 | 0 |
| 30 1900 | 8.05 | 15.65 | 2.24 | 102 | 007 | 0 |
| 30 2200 | 3.58 | 6.26 | 1.79 | 170 | 014 | 0 |
| 31 400 | 8.49 | 11.62 | 1.79 | 314 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 31 700 | 4.92 | 7.15 | 0.89 | 324 | 005 | 0 |
| 31 1000 | 4.47 | 7.60 | 1.34 | 305 | 007 | 0 |
| 31 1300 | 3.58 | 9.83 | 1.79 | 310 | 011 | 0 |
| 31 1600 | 3.58 | 6.26 | 0.89 | 322 | 007 | 0 |
| 31 1900 | 6.71 | 11.18 | 1.79 | 321 | 007 | 0 |
| 31 2200 | 8.05 | 11.18 | 0.89 | 318 | 005 | 0 |

KODIAK, ALASKA
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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|
| 1 100 | 7.15 | 10.73 | 0.89 | 145 | 002 | 0 |
| 1 400 | 4.92 | 8.05 | 1.79 | 109 | 009 | 0 |
| 1 700 | 4.92 | 8.05 | 1.34 | 060 | 005 | 1 |
| 1 1000 | 0.89 | 3.13 | 0.45 | 023 | 014 | 1 |
| 1 1300 | 4.92 | 6.26 | 0.89 | 303 | 004 | 1 |
| 1 1600 | 5.81 | 8.49 | 0.89 | 300 | 004 | 1 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUAL-ITY) |
|---|---|---|---|---|---|---|

Kodiak, Alaska

Summary Tables
Normalized Energy Spectra
Kodiak Inner Buoy
October 1983 - October 1984

KODIAK, ALASKA  GAGE 012: INNER BUOY
OCT 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 20 | 0.28 | 0.005 | 0.4 | 2.2 | 1.2 | 1.3 | 9.9 | 12.3 | 7.0 | 1.5 | 1.9 | 2.1 | 1.3 | 1.1 | 1.6 | 3.1 | 4.1 | 8.1 | 5.0 | 6.9 | 5.6 | 2.8 | 2.5 | 3.5 |
| 1 320 | 0.29 | 0.005 | 0.6 | 2.2 | 2.4 | 1.3 | 9.2 | 12.6 | 16.9 | 6.5 | 3.3 | 2.7 | 2.1 | 1.1 | 1.2 | 0.8 | 1.9 | 0.8 | 1.2 | 1.3 | 2.2 | 3.9 | 4.3 | 3.5 |
| 1 920 | 0.22 | 0.003 | 0.7 | 1.1 | 2.5 | 2.5 | 6.4 | 15.2 | 11.6 | 9.8 | 6.8 | 5.1 | 4.4 | 3.0 | 7.0 | 3.3 | 2.9 | 2.1 | 1.3 | 0.6 | 1.1 | 1.1 | 1.3 | 1.1 |
| 1 1220 | 0.18 | 0.002 | 0.9 | 0.8 | 3.3 | 1.1 | 3.6 | 6.9 | 18.9 | 11.7 | 8.1 | 11.0 | 3.9 | 3.6 | 1.9 | 1.2 | 1.6 | 0.7 | 2.4 | 1.6 | 1.4 | 0.9 | 0.9 | 1.5 |
| 1 1520 | 0.16 | 0.001 | 0.8 | 2.6 | 2.5 | 1.5 | 2.1 | 7.3 | 7.3 | 12.1 | 9.2 | 5.9 | 3.0 | 4.6 | 4.9 | 3.1 | 2.4 | 2.8 | 2.1 | 1.9 | 2.0 | 3.4 | 1.1 | 1.1 |
| 1 1820 | 0.32 | 0.007 | 0.4 | 0.3 | 0.8 | 0.7 | 0.8 | 2.6 | 2.3 | 1.4 | 1.5 | 1.2 | 1.6 | 1.3 | 2.1 | 1.9 | 1.7 | 7.3 | 6.1 | 8.8 | 10.5 | 14.0 | 10.1 | 5.4 |
| 1 2120 | 0.41 | 0.011 | 0.3 | 0.3 | 0.4 | 0.2 | 0.6 | 0.4 | 0.7 | 1.4 | 3.0 | 2.4 | 2.7 | 4.4 | 3.7 | 6.9 | 7.4 | 9.5 | 12.8 | 9.9 | 5.1 | 7.2 | 6.8 | 2.0 |
| 2 320 | 0.74 | 0.034 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.9 | 6.8 | 14.8 | 22.0 | 16.1 | 8.3 | 7.2 | 4.8 | 3.6 | 2.7 | 2.2 | 2.4 | 1.5 | 1.8 | 0.8 | 0.5 | 0.6 |
| 2 620 | 0.83 | 0.043 | 0.1 | 0.2 | 0.1 | 0.1 | 1.1 | 40.8 | 16.2 | 10.2 | 7.6 | 3.4 | 4.4 | 2.0 | 3.2 | 1.9 | 2.8 | 1.0 | 1.0 | 0.6 | 0.3 | 0.6 | 0.3 | 0.4 |
| 2 920 | 0.59 | 0.021 | 0.1 | 0.4 | 0.4 | 1.1 | 16.5 | 30.6 | 15.0 | 6.9 | 6.4 | 3.3 | 4.8 | 2.8 | 2.0 | 1.9 | 0.6 | 0.9 | 1.7 | 0.6 | 0.3 | 0.6 | 0.5 | 0.4 |
| 2 1220 | 0.38 | 0.009 | 0.1 | 0.6 | 0.4 | 1.7 | 18.1 | 22.5 | 13.6 | 10.3 | 6.1 | 5.8 | 4.0 | 2.0 | 2.9 | 1.4 | 1.6 | 0.9 | 1.0 | 0.8 | 1.4 | 0.4 | 0.4 | 0.4 |
| 2 1520 | 0.38 | 0.009 | 0.2 | 0.5 | 0.5 | 3.1 | 21.0 | 23.8 | 9.7 | 6.0 | 5.6 | 6.1 | 4.7 | 3.3 | 2.7 | 1.4 | 1.6 | 1.1 | 1.0 | 0.9 | 0.9 | 0.4 | 0.6 | 0.4 |
| 2 1820 | 0.38 | 0.009 | 0.3 | 0.4 | 0.8 | 3.3 | 24.5 | 27.7 | 10.3 | 4.2 | 4.4 | 2.6 | 1.7 | 1.3 | 1.2 | 1.0 | 0.7 | 0.5 | 0.7 | 0.3 | 0.5 | 0.3 | 0.5 | 0.5 |
| 2 2120 | 0.26 | 0.004 | 0.6 | 2.1 | 3.7 | 9.2 | 26.7 | 17.2 | 7.2 | 5.5 | 1.2 | 1.8 | 1.3 | 1.0 | 0.7 | 0.8 | 0.6 | 0.7 | 0.7 | 0.6 | 0.4 | 0.7 | 0.5 | 0.5 |
| 3 20 | 0.28 | 0.005 | 0.8 | 4.5 | 1.2 | 3.1 | 10.1 | 6.5 | 1.2 | 0.8 | 0.9 | 0.6 | 0.1 | 0.7 | 0.2 | 0.5 | 0.4 | 0.4 | 0.3 | 0.8 | 1.3 | 2.6 | 6.0 | 15.5 |
| 3 920 | 0.37 | 0.008 | 0.4 | 3.4 | 0.9 | 2.1 | 1.6 | 1.9 | 0.7 | 0.7 | 0.3 | 0.3 | 0.4 | 0.1 | 0.2 | 0.2 | 0.2 | 0.6 | 1.0 | 3.4 | 5.1 | 9.4 | 22.8 | 12.4 |
| 3 1220 | 0.18 | 0.002 | 1.9 | 3.4 | 3.2 | 3.9 | 4.2 | 3.6 | 1.5 | 0.4 | 0.9 | 0.8 | 0.7 | 0.6 | 0.3 | 0.3 | 0.6 | 0.8 | 0.5 | 0.9 | 0.9 | 1.0 | 0.7 | 2.0 |
| 3 1520 | 0.24 | 0.003 | 0.8 | 1.9 | 2.1 | 2.2 | 2.4 | 1.5 | 0.6 | 0.5 | 0.6 | 0.7 | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 | 1.3 | 1.7 | 2.9 | 5.6 | 4.5 | 6.1 | 8.9 |
| 3 1820 | 0.18 | 0.002 | 1.4 | 4.3 | 2.6 | 3.6 | 6.1 | 5.8 | 2.6 | 1.5 | 1.3 | 0.9 | 0.9 | 0.4 | 0.5 | 0.8 | 0.6 | 0.5 | 0.5 | 0.8 | 0.8 | 0.7 | 1.0 | 1.5 |
| 3 2020 | 0.25 | 0.004 | 0.9 | 2.1 | 1.2 | 2.9 | 5.8 | 2.8 | 5.2 | 1.7 | 0.7 | 0.4 | 0.6 | 0.3 | 0.5 | 0.5 | 0.3 | 0.6 | 0.7 | 0.8 | 1.3 | 3.1 | 4.5 | 9.6 |
| 3 2320 | 0.28 | 0.005 | 0.7 | 1.2 | 0.8 | 2.2 | 1.8 | 0.9 | 0.7 | 0.3 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.7 | 0.7 | 1.2 | 3.5 | 6.3 | 12.0 | 19.1 |
| 4 220 | 0.22 | 0.003 | 1.0 | 2.5 | 1.2 | 1.7 | 1.4 | 3.1 | 2.0 | 1.6 | 0.6 | 1.0 | 0.5 | 0.5 | 0.6 | 0.3 | 0.4 | 0.5 | 0.4 | 0.8 | 1.3 | 1.5 | 2.6 | 5.6 |
| 4 520 | 0.32 | 0.006 | 0.6 | 0.7 | 0.8 | 0.6 | 1.3 | 0.9 | 1.3 | 0.8 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.9 | 0.7 | 1.2 | 2.4 | 3.3 | 8.3 | 22.4 |
| 4 1120 | 0.19 | 0.002 | 1.2 | 2.5 | 1.6 | 2.4 | 3.1 | 3.8 | 2.7 | 2.5 | 2.6 | 1.7 | 1.0 | 1.1 | 0.5 | 0.5 | 0.4 | 0.8 | 0.8 | 0.9 | 0.8 | 1.7 | 2.1 | 1.3 |
| 4 1420 | 0.16 | 0.002 | 1.1 | 1.5 | 1.4 | 1.3 | 2.0 | 1.4 | 5.0 | 4.1 | 1.1 | 1.4 | 2.0 | 1.1 | 0.6 | 0.6 | 0.6 | 0.7 | 1.3 | 0.3 | 1.5 | 1.5 | 1.3 | 1.7 |
| 4 1720 | 0.20 | 0.003 | 1.1 | 1.0 | 0.8 | 1.1 | 1.7 | 2.5 | 1.9 | 1.1 | 0.9 | 1.1 | 0.7 | 0.8 | 0.6 | 0.4 | 0.5 | 0.6 | 0.4 | 0.7 | 0.8 | 1.2 | 1.5 | 6.1 |
| 4 2020 | 0.22 | 0.003 | 0.7 | 3.4 | 1.0 | 0.8 | 2.5 | 2.9 | 2.8 | 2.9 | 1.5 | 1.2 | 0.7 | 0.7 | 0.6 | 0.7 | 0.6 | 0.4 | 0.9 | 1.1 | 1.9 | 1.5 | 2.5 | 3.4 |
| 4 2320 | 0.23 | 0.003 | 0.6 | 4.1 | 2.0 | 0.5 | 2.4 | 2.6 | 3.6 | 3.0 | 1.1 | 0.5 | 0.5 | 0.4 | 0.6 | 0.5 | 0.6 | 0.4 | 0.5 | 0.7 | 1.3 | 1.5 | 5.4 | 9.8 |
| 5 220 | 0.15 | 0.001 | 1.5 | 14.2 | 7.2 | 1.6 | 3.0 | 3.3 | 4.0 | 3.9 | 3.3 | 1.8 | 1.4 | 2.5 | 1.0 | 1.8 | 1.7 | 1.8 | 1.5 | 1.6 | 2.1 | 1.4 | 2.9 | 2.1 |
| 5 520 | 0.16 | 0.002 | 1.2 | 8.9 | 10.7 | 2.8 | 3.4 | 2.6 | 4.0 | 2.1 | 5.0 | 1.6 | 2.4 | 1.5 | 1.5 | 1.3 | 1.0 | 1.4 | 1.5 | 1.1 | 0.9 | 2.0 | 1.8 | 2.0 |
| 5 820 | 0.19 | 0.002 | 1.1 | 5.1 | 4.9 | 2.1 | 1.5 | 2.7 | 5.8 | 2.9 | 3.1 | 3.7 | 1.7 | 1.9 | 1.5 | 1.0 | 0.9 | 0.8 | 0.4 | 0.7 | 1.1 | 0.5 | 1.5 | 1.4 |
| 5 1120 | 0.20 | 0.002 | 1.2 | 4.8 | 6.4 | 2.2 | 2.8 | 4.5 | 4.0 | 4.0 | 4.4 | 1.5 | 3.0 | 1.8 | 1.5 | 1.5 | 0.6 | 1.2 | 0.9 | 1.0 | 1.3 | 1.0 | 1.9 | 2.9 |
| 5 1420 | 0.15 | 0.001 | 1.1 | 4.6 | 8.2 | 3.7 | 3.4 | 5.6 | 5.2 | 10.3 | 4.4 | 7.5 | 4.1 | 2.2 | 2.5 | 1.3 | 2.8 | 1.7 | 1.3 | 1.4 | 1.7 | 1.1 | 2.3 | 1.6 |
| 5 1720 | 0.15 | 0.001 | 1.5 | 7.9 | 12.3 | 2.8 | 3.6 | 3.0 | 2.1 | 3.6 | 2.7 | 3.2 | 2.5 | 5.0 | 4.9 | 2.9 | 1.8 | 1.3 | 1.9 | 1.7 | 2.8 | 1.7 | 1.2 | 2.5 |
| 5 2020 | 0.15 | 0.001 | 1.6 | 2.7 | 21.1 | 4.8 | 3.1 | 4.5 | 3.5 | 5.9 | 2.5 | 5.2 | 2.2 | 2.0 | 2.2 | 1.5 | 2.9 | 2.4 | 2.2 | 0.9 | 1.3 | 1.2 | 2.3 | 1.4 |
| 6 220 | 0.22 | 0.003 | 0.8 | 2.7 | 5.8 | 1.4 | 1.3 | 4.2 | 2.0 | 3.0 | 1.8 | 1.0 | 1.4 | 1.7 | 1.7 | 1.9 | 2.4 | 1.7 | 1.4 | 2.5 | 1.5 | 3.0 | 0.7 | 2.8 |
| 6 520 | 0.16 | 0.002 | 1.1 | 5.5 | 6.6 | 3.6 | 2.1 | 3.5 | 1.6 | 2.1 | 2.0 | 2.5 | 1.5 | 2.5 | 3.2 | 2.3 | 1.5 | 3.7 | 1.1 | 2.4 | 2.5 | 1.9 | 4.1 | 1.8 |
| 6 820 | 0.16 | 0.002 | 0.7 | 3.3 | 8.2 | 5.6 | 2.6 | 6.7 | 6.9 | 2.1 | 2.2 | 1.9 | 2.2 | 2.8 | 1.9 | 2.2 | 2.2 | 1.4 | 1.2 | 2.0 | 2.3 | 1.2 | 3.9 | 3.3 |
| 6 1120 | 0.17 | 0.002 | 0.9 | 2.1 | 9.4 | 2.9 | 2.2 | 15.0 | 4.2 | 6.7 | 5.8 | 3.0 | 2.8 | 3.3 | 2.0 | 2.5 | 1.9 | 1.6 | 1.6 | 1.8 | 1.1 | 1.0 | 2.5 | 1.5 |
| 6 1420 | 0.16 | 0.002 | 1.2 | 3.0 | 17.4 | 2.8 | 1.3 | 4.5 | 7.3 | 4.5 | 7.0 | 4.4 | 2.9 | 2.9 | 2.4 | 1.6 | 1.0 | 2.3 | 1.7 | 2.6 | 1.1 | 1.9 | 1.7 | 1.6 |
| 6 1720 | 0.13 | 0.001 | 1.8 | 2.8 | 23.1 | 2.4 | 1.3 | 2.5 | 4.0 | 3.4 | 2.9 | 3.5 | 2.2 | 2.9 | 2.1 | 1.9 | 1.7 | 2.5 | 1.8 | 1.9 | 3.0 | 1.7 | 2.9 | 2.0 |
| 6 2020 | 0.15 | 0.001 | 4.0 | 4.0 | 11.9 | 2.5 | 1.7 | 2.6 | 2.3 | 2.1 | 3.0 | 3.2 | 1.6 | 4.3 | 3.0 | 1.5 | 2.9 | 2.9 | 1.9 | 2.0 | 2.8 | 3.0 | 1.9 | 1.6 |
| 6 2320 | 0.20 | 0.003 | 0.9 | 2.6 | 14.0 | 0.9 | 1.0 | 3.0 | 3.3 | 2.5 | 3.5 | 2.6 | 2.7 | 1.7 | 2.1 | 1.2 | 1.5 | 1.0 | 3.2 | 2.4 | 4.0 | 5.0 | 5.8 | 3.5 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
OCT 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 220 | 0.22 | 0.003 | 0.4 | 0.8 | 4.5 | 0.6 | 0.5 | 1.1 | 1.0 | 0.6 | 1.3 | 0.7 | 1.3 | 1.2 | 0.8 | 1.4 | 3.1 | 4.4 | 5.0 | 10.3 | 5.9 | 4.8 | 10.4 | 5.1 |
| 7 520 | 0.17 | 0.002 | 1.4 | 2.0 | 5.4 | 2.9 | 1.0 | 1.2 | 1.0 | 1.7 | 0.6 | 1.2 | 1.0 | 0.9 | 0.8 | 1.1 | 1.0 | 1.2 | 1.1 | 1.5 | 1.6 | 1.6 | 1.2 | 3.7 |
| 7 820 | 0.27 | 0.005 | 0.7 | 0.6 | 4.0 | 0.7 | 0.4 | 0.6 | 0.6 | 0.6 | 0.3 | 0.5 | 0.4 | 0.2 | 0.1 | 0.4 | 0.2 | 0.2 | 0.8 | 2.0 | 3.0 | 3.8 | 9.6 | 15.9 |
| 7 1120 | 0.28 | 0.005 | 0.8 | 1.4 | 2.5 | 0.7 | 2.2 | 3.1 | 2.3 | 1.7 | 2.3 | 1.0 | 0.4 | 0.6 | 0.4 | 0.7 | 0.6 | 1.8 | 2.5 | 3.2 | 3.8 | 8.3 | 13.8 | 12.7 |
| 7 1420 | 0.17 | 0.002 | 1.2 | 2.0 | 6.3 | 1.8 | 0.8 | 3.0 | 2.4 | 2.7 | 1.6 | 0.9 | 0.6 | 0.7 | 1.3 | 0.4 | 0.9 | 1.0 | 1.2 | 1.1 | 0.9 | 1.0 | 2.1 | 1.3 |
| 7 1720 | 0.14 | 0.001 | 2.4 | 2.6 | 4.9 | 1.7 | 2.0 | 4.3 | 3.3 | 2.7 | 2.0 | 2.3 | 2.7 | 2.0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.4 | 1.4 | 1.5 | 1.5 | 2.0 | 2.0 |
| 7 2020 | 0.23 | 0.003 | 0.8 | 0.9 | 4.3 | 1.0 | 1.9 | 2.2 | 1.7 | 1.6 | 1.3 | 1.5 | 1.0 | 0.5 | 1.0 | 0.8 | 0.8 | 0.5 | 1.2 | 1.0 | 2.0 | 2.5 | 3.6 | 8.7 |
| 7 2320 | 0.34 | 0.007 | 0.6 | 0.8 | 1.4 | 0.5 | 0.7 | 0.9 | 1.0 | 0.6 | 0.7 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 1.0 | 3.0 | 6.8 | 15.1 | 16.8 | 14.4 | 10.1 |
| 8 220 | 0.34 | 0.007 | 0.6 | 0.4 | 0.6 | 0.3 | 0.6 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.2 | 0.1 | 0.3 | 0.1 | 0.3 | 0.8 | 1.8 | 3.0 | 7.6 | 10.4 | 20.5 | 18.5 |
| 8 520 | 0.25 | 0.004 | 0.9 | 0.5 | 1.0 | 0.3 | 0.5 | 0.7 | 0.5 | 0.9 | 0.7 | 0.6 | 0.3 | 0.6 | 0.8 | 0.6 | 0.4 | 0.9 | 0.8 | 1.9 | 4.4 | 6.3 | 5.0 | 16.6 |
| 8 820 | 0.26 | 0.004 | 1.0 | 0.3 | 0.7 | 0.2 | 0.6 | 0.9 | 1.4 | 0.6 | 0.8 | 1.2 | 0.7 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.9 | 2.3 | 8.6 | 9.3 | 10.3 | 22.2 |
| 8 1120 | 0.14 | 0.001 | 1.0 | 2.2 | 6.1 | 1.5 | 3.3 | 9.6 | 6.9 | 8.9 | 4.5 | 6.8 | 2.4 | 3.3 | 1.8 | 1.1 | 2.7 | 2.4 | 1.2 | 1.9 | 1.3 | 2.0 | 1.5 | 1.9 |
| 8 1720 | 0.13 | 0.001 | 1.3 | 2.3 | 3.2 | 1.6 | 3.6 | 4.8 | 4.8 | 4.8 | 5.6 | 3.3 | 6.3 | 4.4 | 3.1 | 2.7 | 2.9 | 3.0 | 3.7 | 2.5 | 2.6 | 2.5 | 2.0 | 1.9 |
| 8 2320 | 0.15 | 0.001 | 1.0 | 1.8 | 4.3 | 1.4 | 3.4 | 6.3 | 14.1 | 2.7 | 6.6 | 4.1 | 4.5 | 3.3 | 4.3 | 2.8 | 2.4 | 2.8 | 2.1 | 2.1 | 2.0 | 1.5 | 1.2 | 2.3 |
| 9 220 | 0.16 | 0.002 | 1.3 | 2.4 | 4.2 | 2.1 | 5.1 | 10.7 | 8.6 | 6.2 | 7.7 | 4.3 | 3.3 | 3.9 | 2.3 | 2.9 | 1.6 | 1.9 | 2.3 | 2.0 | 2.1 | 1.0 | 1.2 | 1.5 |
| 9 520 | 0.13 | 0.001 | 1.4 | 1.6 | 4.0 | 2.9 | 1.9 | 4.4 | 9.6 | 5.8 | 4.1 | 3.1 | 5.9 | 2.8 | 2.6 | 4.7 | 2.7 | 2.8 | 2.6 | 2.2 | 2.6 | 3.0 | 1.2 | 1.5 |
| 9 1120 | 0.15 | 0.001 | 1.1 | 3.0 | 1.9 | 1.4 | 1.6 | 5.5 | 6.9 | 7.2 | 6.7 | 3.2 | 3.0 | 4.3 | 3.3 | 3.8 | 2.7 | 3.0 | 5.3 | 2.1 | 2.0 | 2.2 | 2.7 | 1.0 |
| 9 1420 | 0.19 | 0.002 | 0.5 | 1.2 | 4.2 | 1.1 | 3.1 | 4.3 | 3.6 | 3.9 | 6.3 | 6.4 | 7.3 | 6.7 | 5.3 | 4.7 | 3.7 | 5.7 | 3.2 | 1.7 | 2.0 | 2.0 | 1.5 | 2.0 |
| 9 1720 | 0.19 | 0.002 | 0.6 | 0.9 | 2.1 | 0.5 | 1.0 | 3.5 | 1.3 | 3.9 | 6.8 | 7.3 | 4.7 | 7.0 | 7.0 | 5.7 | 3.4 | 4.5 | 3.8 | 3.7 | 4.5 | 7.5 | 2.9 | 3.5 |
| 9 2020 | 0.22 | 0.003 | 0.5 | 0.8 | 1.7 | 0.2 | 0.7 | 1.3 | 3.2 | 3.0 | 4.6 | 7.2 | 5.5 | 6.2 | 5.9 | 6.0 | 10.4 | 6.3 | 5.7 | 5.5 | 4.7 | 5.7 | 1.9 | 1.6 |
| 9 2320 | 0.22 | 0.003 | 0.5 | 1.1 | 2.2 | 1.3 | 2.3 | 2.8 | 5.3 | 3.8 | 3.6 | 3.5 | 2.6 | 3.3 | 4.4 | 4.5 | 1.4 | 5.6 | 4.6 | 9.0 | 7.5 | 6.0 | 4.0 | 2.8 |
| 10 520 | 0.21 | 0.003 | 0.3 | 1.1 | 3.1 | 1.1 | 2.5 | 3.6 | 7.9 | 8.2 | 6.1 | 5.2 | 5.6 | 7.0 | 3.4 | 4.8 | 3.9 | 3.7 | 3.2 | 5.6 | 2.3 | 2.3 | 2.2 | 1.7 |
| 10 820 | 0.23 | 0.003 | 0.7 | 0.4 | 1.5 | 0.6 | 2.2 | 1.6 | 4.5 | 3.6 | 2.3 | 3.0 | 3.5 | 3.0 | 2.9 | 2.6 | 3.2 | 7.5 | 4.6 | 10.6 | 5.1 | 5.4 | 3.6 | 4.2 |
| 10 1120 | 0.53 | 0.018 | 0.2 | 0.1 | 0.6 | 0.3 | 0.7 | 1.0 | 0.5 | 1.0 | 1.6 | 3.3 | 4.3 | 5.8 | 8.4 | 9.6 | 13.5 | 8.2 | 7.4 | 5.1 | 6.8 | 3.7 | 4.0 | 2.7 |
| 10 1420 | 0.90 | 0.050 | 0.2 | 0.2 | 0.4 | 0.1 | 0.7 | 0.8 | 1.2 | 2.3 | 5.7 | 10.2 | 13.2 | 8.1 | 10.3 | 16.9 | 6.7 | 4.3 | 3.5 | 3.9 | 1.6 | 1.3 | 1.6 | 1.9 |
| 10 1720 | 0.56 | 0.020 | 0.2 | 0.1 | 0.5 | 0.3 | 1.5 | 3.7 | 2.0 | 5.4 | 4.5 | 4.0 | 9.2 | 6.7 | 9.9 | 10.8 | 8.1 | 8.5 | 5.8 | 4.4 | 2.6 | 2.5 | 1.7 | 1.3 |
| 10 2020 | 0.53 | 0.018 | 0.2 | 0.1 | 1.2 | 1.1 | 2.6 | 4.1 | 4.4 | 5.7 | 4.8 | 5.1 | 2.8 | 6.9 | 7.2 | 3.9 | 9.1 | 8.1 | 6.8 | 5.9 | 2.4 | 3.6 | 3.4 | 2.1 |
| 10 2320 | 0.56 | 0.020 | 0.2 | 0.3 | 1.0 | 1.4 | 3.1 | 6.8 | 2.9 | 3.7 | 4.3 | 5.4 | 4.8 | 6.5 | 7.0 | 9.0 | 7.0 | 10.5 | 9.4 | 3.3 | 2.6 | 2.7 | 2.0 | 1.3 |
| 11 220 | 0.50 | 0.015 | 0.2 | 0.4 | 1.2 | 2.6 | 4.9 | 6.6 | 9.8 | 9.8 | 7.0 | 5.1 | 4.9 | 7.2 | 4.6 | 6.7 | 4.7 | 4.6 | 3.3 | 3.8 | 2.5 | 1.3 | 1.0 | 1.1 |
| 11 820 | 0.32 | 0.006 | 0.3 | 0.7 | 2.4 | 5.3 | 6.2 | 11.3 | 7.6 | 7.2 | 2.7 | 2.1 | 3.5 | 3.5 | 3.9 | 2.8 | 3.1 | 3.8 | 4.1 | 4.5 | 2.8 | 2.3 | 4.2 | 2.3 |
| 11 1120 | 0.47 | 0.014 | 0.3 | 0.2 | 0.6 | 2.5 | 4.3 | 7.9 | 6.3 | 6.0 | 5.3 | 5.2 | 3.7 | 3.9 | 4.8 | 3.1 | 2.7 | 2.6 | 3.0 | 2.4 | 6.5 | 5.1 | 5.7 | 3.7 |
| 11 1420 | 0.75 | 0.035 | 0.1 | 0.2 | 0.6 | 2.2 | 6.3 | 7.8 | 9.1 | 6.8 | 8.6 | 7.5 | 7.7 | 9.4 | 5.9 | 3.3 | 4.5 | 4.3 | 3.3 | 1.7 | 1.9 | 1.3 | 2.2 | 1.0 |
| 11 1720 | 0.64 | 0.026 | 0.1 | 0.3 | 2.3 | 3.7 | 7.4 | 4.2 | 1.9 | 3.9 | 2.1 | 1.0 | 1.2 | 2.3 | 5.8 | 11.9 | 12.6 | 8.5 | 5.9 | 4.8 | 3.6 | 2.4 | 2.7 | 3.7 |
| 11 2020 | 0.44 | 0.012 | 0.2 | 0.5 | 0.8 | 3.2 | 5.1 | 2.9 | 2.0 | 3.3 | 4.4 | 2.0 | 1.0 | 0.6 | 0.5 | 2.0 | 2.6 | 8.9 | 15.9 | 11.0 | 6.8 | 6.8 | 3.8 | 6.5 |
| 11 2320 | 0.32 | 0.006 | 0.4 | 0.9 | 6.4 | 6.8 | 7.9 | 4.7 | 3.1 | 2.5 | 3.6 | 2.7 | 2.0 | 2.1 | 1.9 | 1.4 | 1.1 | 1.2 | 0.7 | 3.4 | 4.1 | 7.4 | 6.1 | 8.3 |
| 12 220 | 0.31 | 0.006 | 0.4 | 1.3 | 3.7 | 4.5 | 12.4 | 18.9 | 8.4 | 6.7 | 3.1 | 4.2 | 1.9 | 2.0 | 2.6 | 1.8 | 1.3 | 0.8 | 1.3 | 1.2 | 1.5 | 2.4 | 3.1 | 3.4 |
| 12 520 | 0.32 | 0.007 | 0.2 | 1.1 | 2.4 | 8.5 | 16.5 | 15.9 | 10.1 | 6.9 | 6.5 | 4.1 | 2.8 | 4.5 | 2.5 | 1.4 | 2.0 | 1.5 | 1.0 | 1.0 | 1.3 | 0.8 | 0.7 | 0.8 |
| 12 820 | 0.23 | 0.003 | 0.3 | 0.9 | 3.7 | 11.0 | 12.1 | 15.6 | 10.5 | 8.9 | 5.3 | 3.2 | 2.7 | 2.3 | 2.0 | 1.6 | 1.1 | 1.0 | 1.1 | 1.1 | 1.6 | 1.5 | 1.5 | 1.3 |
| 12 1120 | 0.23 | 0.003 | 0.5 | 1.8 | 7.9 | 5.8 | 8.4 | 15.9 | 8.8 | 10.3 | 7.3 | 5.8 | 6.0 | 5.6 | 1.6 | 1.3 | 0.8 | 1.2 | 1.2 | 0.8 | 0.9 | 0.5 | 0.6 | 1.5 |
| 12 1420 | 0.26 | 0.004 | 0.4 | 1.3 | 6.2 | 3.7 | 10.3 | 14.0 | 9.3 | 12.4 | 5.7 | 7.2 | 5.0 | 5.4 | 4.3 | 1.7 | 1.2 | 1.3 | 1.0 | 0.7 | 0.6 | 0.7 | 1.1 | 0.4 |
| 12 1720 | 0.23 | 0.003 | 0.5 | 1.2 | 8.5 | 4.5 | 14.0 | 18.0 | 4.6 | 15.1 | 4.9 | 2.8 | 3.2 | 2.7 | 2.0 | 1.9 | 1.4 | 1.5 | 1.0 | 1.0 | 1.0 | 0.8 | 0.5 | 0.4 |
| 12 2020 | 0.20 | 0.002 | 0.8 | 1.0 | 10.5 | 7.8 | 12.0 | 10.5 | 7.3 | 3.6 | 5.0 | 4.7 | 3.5 | 2.9 | 2.5 | 1.7 | 1.8 | 1.2 | 0.9 | 1.6 | 1.2 | 1.2 | 2.1 | 1.2 |
| 13 220 | 0.24 | 0.004 | 0.5 | 1.1 | 5.3 | 4.8 | 4.2 | 15.2 | 12.3 | 9.8 | 4.5 | 3.2 | 2.8 | 2.5 | 3.1 | 1.5 | 2.1 | 2.5 | 1.1 | 1.0 | 1.8 | 2.2 | 2.1 | 2.0 |

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PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 520 | 0.24 | 0.003 | 0.3 | 1.2 | 12.0 | 10.5 | 3.6 | 12.1 | 8.1 | 7.2 | 4.8 | 5.7 | 3.6 | 3.6 | 3.3 | 2.7 | 1.4 | 1.5 | 1.1 | 1.6 | 1.7 | 1.0 | 0.8 | 1.0 |
| 13 820 | 0.19 | 0.002 | 0.7 | 0.9 | 9.1 | 13.1 | 3.1 | 11.3 | 5.8 | 5.1 | 3.0 | 2.3 | 3.5 | 1.8 | 3.0 | 4.2 | 4.5 | 2.3 | 1.0 | 1.0 | 1.8 | 2.0 | 1.7 | 1.7 |
| 13 1120 | 0.18 | 0.002 | 0.6 | 1.0 | 11.1 | 28.5 | 5.3 | 5.3 | 6.9 | 5.4 | 4.2 | 1.9 | 2.1 | 2.0 | 3.1 | 2.0 | 1.7 | 1.0 | 1.1 | 1.2 | 1.1 | 0.7 | 1.0 | 1.1 |
| 13 1420 | 0.23 | 0.003 | 0.4 | 0.8 | 5.7 | 17.5 | 24.6 | 4.5 | 11.3 | 10.0 | 3.9 | 3.9 | 2.0 | 1.7 | 1.3 | 0.8 | 1.1 | 0.5 | 0.5 | 1.2 | 0.5 | 0.4 | 0.5 | 0.4 |
| 13 1720 | 0.24 | 0.004 | 0.4 | 1.2 | 4.8 | 23.5 | 10.6 | 5.8 | 5.5 | 6.6 | 10.3 | 6.6 | 3.3 | 1.6 | 2.3 | 1.2 | 1.4 | 1.1 | 0.8 | 1.3 | 0.8 | 1.2 | 1.1 | 0.8 |
| 13 2020 | 0.23 | 0.003 | 0.4 | 1.4 | 12.3 | 9.8 | 13.1 | 2.4 | 3.8 | 8.5 | 7.3 | 3.8 | 2.8 | 3.8 | 3.3 | 2.1 | 1.8 | 1.8 | 1.3 | 1.3 | 1.0 | 1.7 | 1.1 | 1.9 |
| 13 2320 | 0.22 | 0.003 | 0.4 | 1.2 | 8.4 | 9.5 | 19.4 | 3.3 | 3.7 | 3.6 | 2.8 | 2.3 | 2.1 | 3.0 | 2.6 | 1.6 | 1.8 | 1.5 | 2.0 | 3.3 | 1.8 | 2.3 | 1.9 | 2.3 |
| 14 520 | 0.24 | 0.004 | 1.0 | 1.9 | 3.9 | 5.9 | 17.2 | 7.3 | 2.7 | 4.6 | 2.6 | 1.8 | 1.9 | 1.5 | 1.7 | 3.6 | 2.1 | 2.4 | 2.7 | 2.4 | 2.0 | 4.3 | 3.6 | 2.9 |
| 14 820 | 0.22 | 0.003 | 0.3 | 0.6 | 4.9 | 17.0 | 22.4 | 7.4 | 1.3 | 2.8 | 2.0 | 3.7 | 2.9 | 1.7 | 1.8 | 1.1 | 1.5 | 2.3 | 1.1 | 1.9 | 1.7 | 1.1 | 0.7 | 1.8 |
| 14 1120 | 0.20 | 0.003 | 0.5 | 1.2 | 6.9 | 16.5 | 18.0 | 7.1 | 1.0 | 4.2 | 2.4 | 3.0 | 1.5 | 1.7 | 3.0 | 1.4 | 1.5 | 1.3 | 3.0 | 2.5 | 1.4 | 1.1 | 1.3 | 2.0 |
| 14 1420 | 0.35 | 0.007 | 0.2 | 0.3 | 2.1 | 4.4 | 13.4 | 4.4 | 1.6 | 1.1 | 2.0 | 1.8 | 1.3 | 1.6 | 5.4 | 8.1 | 5.6 | 5.5 | 5.9 | 5.2 | 4.4 | 2.7 | 3.0 | 4.5 |
| 14 1720 | 0.54 | 0.018 | 0.1 | 0.3 | 1.1 | 1.8 | 9.3 | 3.7 | 1.1 | 0.7 | 3.3 | 7.7 | 11.3 | 9.5 | 8.1 | 5.7 | 6.3 | 4.2 | 3.9 | 5.2 | 2.7 | 3.4 | 2.1 | 1.7 |
| 14 2320 | 0.85 | 0.045 | 1.4 | 0.6 | 1.2 | 0.9 | 1.3 | 2.3 | 9.2 | 13.4 | 14.7 | 10.0 | 7.5 | 10.6 | 4.3 | 6.8 | 3.3 | 2.2 | 2.7 | 2.3 | 1.2 | 1.7 | 0.7 | 0.5 |
| 15 520 | 1.15 | 0.083 | 0.1 | 0.1 | 0.2 | 0.3 | 6.7 | 23.6 | 13.4 | 12.8 | 7.7 | 5.4 | 8.6 | 4.8 | 3.6 | 2.6 | 2.5 | 1.5 | 1.3 | 1.0 | 0.5 | 0.6 | 0.4 | 0.9 |
| 15 820 | 1.14 | 0.081 | 0.1 | 0.1 | 0.2 | 0.3 | 10.4 | 26.2 | 10.8 | 11.0 | 5.4 | 5.5 | 6.8 | 6.3 | 2.5 | 2.1 | 4.4 | 1.2 | 1.1 | 1.1 | 0.8 | 0.7 | 0.4 | 0.5 |
| 15 1120 | 1.06 | 0.070 | 0.1 | 0.1 | 0.1 | 0.6 | 19.3 | 16.1 | 13.5 | 6.7 | 7.1 | 5.9 | 8.4 | 6.7 | 2.3 | 3.6 | 1.1 | 1.5 | 1.7 | 0.8 | 0.9 | 0.5 | 0.5 | 0.4 |
| 15 1420 | 0.97 | 0.059 | 0.1 | 0.1 | 0.3 | 1.8 | 16.4 | 12.6 | 9.2 | 9.3 | 6.9 | 10.2 | 6.8 | 2.9 | 5.7 | 2.3 | 2.9 | 1.4 | 2.8 | 1.5 | 1.5 | 1.1 | 0.8 | 0.6 |
| 15 1720 | 1.15 | 0.083 | 0.1 | 0.1 | 0.1 | 1.0 | 30.9 | 15.5 | 4.7 | 6.4 | 6.2 | 9.4 | 3.7 | 4.9 | 2.0 | 2.7 | 2.9 | 1.6 | 1.7 | 0.8 | 0.4 | 0.8 | 0.5 | 0.7 |
| 15 2020 | 1.05 | 0.069 | 0.1 | 0.1 | 0.5 | 7.6 | 18.8 | 8.3 | 8.0 | 7.3 | 6.4 | 6.3 | 11.3 | 3.5 | 4.9 | 3.4 | 2.0 | 2.7 | 1.4 | 0.9 | 1.2 | 0.5 | 0.6 | 0.7 |
| 15 2320 | 0.92 | 0.052 | 0.1 | 0.1 | 0.3 | 4.8 | 24.7 | 14.0 | 3.5 | 3.3 | 6.9 | 8.3 | 7.2 | 5.0 | 3.7 | 2.3 | 2.5 | 2.0 | 1.6 | 1.0 | 1.1 | 0.6 | 0.4 | 0.9 |
| 16 220 | 0.93 | 0.054 | 0.1 | 0.1 | 0.4 | 14.6 | 24.7 | 11.3 | 3.3 | 4.6 | 7.9 | 8.0 | 3.9 | 2.0 | 2.2 | 2.9 | 1.6 | 0.9 | 1.3 | 1.3 | 0.7 | 1.0 | 0.6 | 1.0 |
| 16 520 | 1.01 | 0.063 | 0.1 | 0.1 | 0.5 | 18.0 | 24.7 | 6.3 | 3.9 | 3.2 | 10.4 | 12.2 | 3.1 | 2.6 | 2.4 | 3.0 | 1.9 | 0.8 | 1.3 | 0.5 | 0.4 | 0.6 | 0.3 | 0.5 |
| 16 820 | 1.06 | 0.070 | 0.1 | 0.1 | 1.5 | 33.5 | 12.0 | 3.2 | 4.4 | 6.9 | 7.3 | 10.5 | 4.3 | 2.6 | 3.3 | 3.1 | 1.0 | 0.6 | 0.6 | 0.3 | 0.5 | 0.5 | 0.2 | 0.3 |
| 16 1120 | 0.99 | 0.061 | 0.1 | 0.2 | 5.2 | 24.4 | 9.6 | 6.0 | 5.4 | 10.0 | 7.7 | 6.5 | 2.3 | 3.4 | 4.0 | 2.7 | 2.3 | 1.1 | 1.1 | 1.1 | 0.3 | 0.4 | 0.7 | 0.4 |
| 16 1420 | 0.91 | 0.051 | 0.1 | 0.1 | 3.5 | 15.5 | 10.2 | 7.2 | 5.7 | 9.8 | 5.6 | 5.9 | 2.4 | 6.6 | 3.6 | 2.2 | 2.5 | 1.8 | 1.3 | 1.5 | 1.1 | 2.2 | 3.1 | 3.6 |
| 16 1720 | 0.79 | 0.039 | 0.1 | 0.2 | 1.9 | 20.8 | 10.1 | 5.1 | 6.7 | 10.5 | 8.8 | 3.9 | 3.9 | 4.2 | 2.7 | 3.0 | 2.9 | 1.6 | 1.3 | 1.3 | 1.0 | 1.2 | 1.5 | 1.0 |
| 16 2020 | 0.82 | 0.042 | 0.1 | 0.1 | 6.3 | 10.3 | 7.6 | 11.3 | 6.7 | 6.5 | 12.5 | 8.4 | 5.6 | 4.0 | 4.9 | 3.7 | 2.0 | 2.3 | 1.3 | 1.7 | 0.7 | 0.6 | 0.5 | 0.4 |
| 16 2320 | 0.72 | 0.033 | 0.1 | 0.1 | 7.1 | 11.1 | 6.1 | 11.7 | 6.3 | 13.1 | 9.7 | 3.2 | 3.8 | 4.3 | 6.0 | 2.9 | 2.8 | 2.1 | 1.4 | 1.8 | 1.7 | 0.6 | 0.9 | 1.0 |
| 17 220 | 0.62 | 0.024 | 0.1 | 0.3 | 6.1 | 13.4 | 14.4 | 11.7 | 4.2 | 5.0 | 7.7 | 4.5 | 3.3 | 4.4 | 2.4 | 3.8 | 2.0 | 3.0 | 4.5 | 2.1 | 0.8 | 1.6 | 1.1 | 0.5 |
| 17 520 | 0.70 | 0.031 | 0.2 | 0.2 | 2.5 | 15.5 | 15.3 | 14.7 | 5.7 | 7.1 | 3.5 | 5.4 | 2.6 | 2.0 | 4.1 | 2.5 | 2.9 | 3.4 | 2.2 | 1.5 | 1.9 | 1.6 | 1.1 | 0.9 |
| 17 820 | 0.85 | 0.045 | 0.1 | 0.1 | 3.9 | 8.2 | 10.3 | 12.5 | 5.6 | 7.2 | 6.9 | 5.8 | 7.1 | 5.5 | 4.4 | 5.9 | 3.5 | 2.7 | 1.7 | 2.2 | 1.0 | 1.1 | 1.3 | 0.8 |
| 17 1120 | 0.84 | 0.044 | 0.1 | 0.3 | 1.2 | 5.3 | 9.4 | 7.2 | 9.4 | 7.7 | 9.4 | 7.0 | 8.3 | 6.1 | 7.4 | 4.4 | 3.5 | 2.6 | 2.3 | 2.5 | 0.8 | 0.8 | 1.0 | 1.1 |
| 17 1720 | 0.70 | 0.030 | 0.1 | 0.4 | 0.3 | 3.6 | 13.9 | 16.7 | 8.9 | 6.2 | 7.3 | 6.8 | 4.6 | 5.9 | 5.0 | 3.3 | 2.4 | 2.1 | 1.3 | 2.8 | 1.0 | 2.0 | 0.9 | 0.7 |
| 17 2020 | 0.58 | 0.021 | 0.1 | 0.6 | 1.3 | 3.2 | 11.5 | 11.9 | 11.7 | 7.1 | 6.3 | 5.5 | 4.7 | 6.1 | 4.2 | 3.8 | 4.0 | 2.9 | 3.3 | 2.2 | 1.8 | 1.4 | 1.0 | 0.9 |
| 17 2320 | 0.46 | 0.013 | 0.1 | 0.7 | 2.2 | 12.0 | 11.7 | 16.3 | 12.2 | 6.8 | 6.5 | 3.8 | 3.6 | 2.2 | 3.8 | 2.8 | 2.3 | 1.5 | 2.0 | 1.7 | 1.0 | 0.9 | 0.6 | 0.8 |
| 18 220 | 0.44 | 0.012 | 0.1 | 0.3 | 1.7 | 16.7 | 15.8 | 17.9 | 8.3 | 3.0 | 6.7 | 6.6 | 4.6 | 3.2 | 1.6 | 1.7 | 1.3 | 0.9 | 1.5 | 1.2 | 1.0 | 1.1 | 0.6 | 0.8 |
| 18 820 | 0.62 | 0.024 | 0.1 | 0.4 | 0.7 | 2.5 | 16.3 | 22.2 | 14.0 | 5.6 | 4.4 | 6.1 | 7.0 | 4.0 | 2.4 | 2.1 | 2.0 | 2.4 | 1.7 | 0.9 | 0.8 | 0.5 | 0.6 | 0.3 |
| 18 1120 | 0.51 | 0.016 | 0.1 | 0.7 | 1.6 | 4.0 | 18.6 | 22.5 | 7.9 | 4.9 | 3.6 | 5.0 | 6.3 | 4.3 | 3.0 | 2.1 | 3.0 | 1.7 | 2.4 | 0.9 | 1.0 | 0.8 | 1.1 | 0.5 |
| 18 1420 | 0.36 | 0.008 | 0.1 | 1.0 | 2.5 | 3.8 | 23.8 | 13.8 | 8.9 | 4.8 | 3.9 | 6.1 | 7.2 | 2.7 | 1.4 | 2.4 | 2.8 | 0.9 | 2.0 | 1.7 | 1.7 | 0.9 | 1.2 | 1.0 |
| 18 1720 | 0.39 | 0.009 | 0.1 | 0.5 | 2.0 | 2.9 | 22.5 | 20.1 | 12.3 | 4.0 | 4.6 | 10.4 | 3.0 | 2.5 | 2.0 | 1.5 | 1.5 | 1.5 | 0.9 | 1.0 | 0.9 | 0.8 | 0.5 | 0.5 |
| 18 2020 | 0.47 | 0.014 | 0.1 | 1.0 | 5.9 | 3.1 | 15.8 | 25.7 | 9.1 | 5.1 | 5.4 | 5.0 | 4.6 | 2.8 | 2.4 | 1.8 | 1.4 | 1.9 | 1.4 | 1.2 | 0.6 | 0.6 | 0.7 | 0.5 |
| 18 2320 | 0.43 | 0.011 | 0.1 | 0.5 | 6.6 | 3.4 | 19.8 | 21.8 | 15.6 | 7.0 | 3.1 | 5.0 | 2.0 | 3.1 | 1.7 | 1.1 | 1.5 | 1.7 | 0.9 | 0.4 | 0.3 | 0.5 | 0.3 | 0.3 |
| 19 220 | 0.27 | 0.004 | 0.3 | 1.4 | 13.7 | 7.6 | 10.3 | 11.0 | 9.4 | 8.1 | 8.1 | 6.2 | 3.0 | 2.4 | 2.4 | 2.0 | 0.9 | 0.8 | 1.0 | 1.2 | 0.6 | 0.7 | 0.5 | 1.3 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
OCT 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 520 | 0.27 | 0.004 | 0.5 | 0.9 | 6.6 | 6.6 | 22.0 | 12.2 | 10.9 | 7.2 | 7.3 | 3.1 | 4.0 | 1.5 | 2.2 | 1.7 | 1.8 | 1.6 | 1.6 | 0.8 | 1.1 | 0.6 | 0.7 | 0.8 |
| 19 820 | 0.36 | 0.006 | 0.2 | 0.5 | 3.4 | 5.5 | 19.0 | 20.0 | 11.7 | 11.9 | 8.0 | 4.2 | 2.5 | 1.5 | 1.2 | 2.2 | 0.7 | 1.0 | 0.8 | 0.7 | 0.8 | 0.6 | 0.3 | 0.3 |
| 19 1120 | 0.35 | 0.008 | 0.3 | 2.3 | 4.9 | 4.6 | 12.1 | 20.0 | 15.5 | 12.0 | 7.9 | 2.7 | 2.6 | 1.5 | 1.8 | 1.3 | 1.0 | 0.8 | 1.4 | 0.6 | 1.1 | 0.7 | 0.5 | 0.8 |
| 19 1420 | 0.24 | 0.004 | 0.6 | 2.0 | 7.2 | 7.3 | 20.5 | 12.3 | 12.0 | 6.8 | 3.9 | 3.4 | 3.5 | 1.4 | 2.3 | 1.5 | 1.5 | 1.4 | 1.3 | 1.1 | 0.8 | 0.8 | 0.7 | 0.7 |
| 19 1720 | 0.26 | 0.004 | 0.3 | 1.2 | 4.3 | 6.2 | 9.2 | 22.3 | 13.7 | 7.3 | 11.4 | 2.2 | 3.9 | 1.7 | 1.6 | 1.4 | 1.7 | 1.3 | 0.8 | 0.9 | 1.0 | 0.9 | 0.4 | 1.0 |
| 19 2020 | 0.32 | 0.006 | 0.2 | 0.3 | 2.3 | 5.2 | 8.1 | 19.1 | 17.7 | 11.8 | 7.7 | 4.8 | 1.8 | 1.4 | 2.6 | 2.5 | 2.0 | 2.0 | 1.5 | 1.6 | 0.4 | 0.4 | 0.9 | 0.8 |
| 19 2320 | 0.33 | 0.007 | 0.2 | 1.8 | 2.3 | 5.0 | 15.4 | 25.1 | 12.2 | 8.7 | 6.9 | 4.5 | 3.2 | 2.2 | 2.1 | 0.7 | 0.7 | 1.3 | 0.7 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 |
| 20 220 | 0.30 | 0.006 | 0.4 | 1.1 | 4.7 | 6.7 | 14.9 | 5.9 | 9.0 | 3.0 | 2.5 | 3.2 | 0.8 | 1.5 | 1.4 | 1.1 | 0.9 | 1.3 | 1.9 | 2.8 | 4.8 | 6.5 | 4.3 | 3.1 |
| 20 520 | 0.26 | 0.004 | 0.3 | 0.6 | 3.1 | 8.4 | 9.8 | 12.3 | 16.6 | 3.7 | 4.3 | 4.2 | 2.2 | 1.3 | 1.9 | 1.3 | 1.8 | 1.2 | 1.0 | 2.5 | 2.8 | 3.3 | 2.6 | 1.7 |
| 20 820 | 0.31 | 0.006 | 0.2 | 1.6 | 2.5 | 8.2 | 18.2 | 14.7 | 8.6 | 7.6 | 10.0 | 2.8 | 3.8 | 2.3 | 1.1 | 2.2 | 2.2 | 2.1 | 0.8 | 1.2 | 1.2 | 1.0 | 1.4 | 1.4 |
| 20 1120 | 0.33 | 0.007 | 0.2 | 2.2 | 6.0 | 7.5 | 20.0 | 10.9 | 10.9 | 7.3 | 6.9 | 3.5 | 3.7 | 2.2 | 3.0 | 2.4 | 1.6 | 0.9 | 1.7 | 0.8 | 1.5 | 1.1 | 0.8 | 0.5 |
| 20 1420 | 0.28 | 0.005 | 0.3 | 1.1 | 6.5 | 11.6 | 26.5 | 6.0 | 6.0 | 6.9 | 2.9 | 2.5 | 5.1 | 1.7 | 2.2 | 2.2 | 2.2 | 3.2 | 0.9 | 1.4 | 1.1 | 0.9 | 1.2 | 0.9 |
| 20 1720 | 0.25 | 0.004 | 0.4 | 1.2 | 3.3 | 34.8 | 14.2 | 10.7 | 6.7 | 3.6 | 4.4 | 2.8 | 2.9 | 2.0 | 1.7 | 1.6 | 0.5 | 1.2 | 0.5 | 0.8 | 0.8 | 0.5 | 0.5 | 0.4 |
| 20 2020 | 0.27 | 0.005 | 0.3 | 1.4 | 3.1 | 10.9 | 16.2 | 6.8 | 6.7 | 7.7 | 5.5 | 4.1 | 9.8 | 3.7 | 3.3 | 2.1 | 1.3 | 2.6 | 1.6 | 2.1 | 1.1 | 1.1 | 1.2 | 1.2 |
| 20 2320 | 0.31 | 0.006 | 0.3 | 1.3 | 3.3 | 12.5 | 6.7 | 14.0 | 4.7 | 10.1 | 4.6 | 3.9 | 7.3 | 3.0 | 3.5 | 3.0 | 2.1 | 2.1 | 1.6 | 1.7 | 1.0 | 1.6 | 1.4 | 1.9 |
| 21 520 | 0.28 | 0.005 | 0.2 | 0.7 | 2.0 | 6.6 | 6.6 | 14.4 | 4.5 | 2.6 | 3.6 | 3.8 | 2.2 | 2.8 | 6.5 | 8.9 | 7.2 | 4.6 | 3.1 | 2.8 | 2.4 | 2.3 | 1.7 | 1.6 |
| 21 820 | 0.53 | 0.018 | 0.1 | 0.3 | 0.5 | 1.3 | 2.9 | 3.4 | 1.9 | 5.0 | 14.5 | 18.5 | 10.7 | 9.1 | 7.7 | 5.0 | 2.1 | 2.8 | 1.1 | 1.5 | 1.5 | 1.0 | 0.8 | 0.7 |
| 21 1120 | 0.60 | 0.022 | 0.1 | 0.6 | 1.4 | 5.0 | 3.4 | 4.0 | 6.3 | 17.1 | 13.4 | 6.5 | 7.7 | 3.1 | 4.6 | 3.0 | 3.8 | 2.1 | 2.5 | 1.2 | 1.5 | 1.3 | 0.8 | 1.1 |
| 21 1420 | 0.64 | 0.025 | 0.2 | 0.2 | 0.6 | 1.9 | 4.4 | 8.1 | 18.1 | 10.8 | 10.3 | 7.7 | 6.2 | 3.7 | 3.8 | 4.0 | 3.3 | 3.0 | 2.6 | 1.4 | 1.8 | 1.2 | 1.0 | 1.4 |
| 21 1720 | 0.75 | 0.035 | 0.1 | 0.1 | 0.3 | 0.9 | 13.6 | 31.0 | 9.7 | 5.5 | 6.5 | 2.5 | 3.0 | 2.7 | 5.0 | 2.7 | 1.9 | 2.6 | 2.8 | 2.5 | 1.6 | 1.1 | 0.8 | 1.1 |
| 21 2020 | 0.77 | 0.037 | 0.0 | 0.2 | 0.4 | 1.0 | 20.6 | 23.6 | 10.8 | 8.9 | 4.2 | 3.3 | 5.8 | 3.3 | 3.1 | 2.9 | 1.1 | 1.6 | 2.7 | 1.3 | 1.0 | 1.2 | 0.3 | 0.3 |
| 21 2320 | 0.72 | 0.032 | 0.1 | 0.3 | 0.5 | 3.4 | 20.9 | 21.3 | 9.1 | 5.5 | 6.5 | 5.6 | 4.3 | 3.3 | 3.7 | 3.0 | 1.8 | 2.0 | 2.4 | 1.0 | 0.7 | 0.7 | 0.7 | 0.6 |
| 22 520 | 0.52 | 0.017 | 0.2 | 0.6 | 0.4 | 1.5 | 14.8 | 5.8 | 2.1 | 0.9 | 0.6 | 0.6 | 1.4 | 0.6 | 0.2 | 0.5 | 1.0 | 1.4 | 9.5 | 13.3 | 11.9 | 6.4 | 10.5 | 3.7 |
| 22 1120 | 0.65 | 0.026 | 0.4 | 0.4 | 0.3 | 0.8 | 2.2 | 1.4 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 | 0.8 | 2.2 | 2.8 | 9.4 | 12.4 | 23.6 | 15.6 | 9.2 | 3.8 | 1.3 |
| 23 520 | 0.19 | 0.002 | 1.1 | 2.3 | 3.6 | 5.1 | 6.7 | 3.2 | 2.6 | 3.7 | 2.9 | 3.0 | 1.6 | 2.3 | 1.5 | 3.1 | 1.7 | 3.3 | 3.3 | 3.7 | 2.5 | 5.8 | 3.0 | 2.9 |
| 23 820 | 0.23 | 0.003 | 1.0 | 1.5 | 2.7 | 3.4 | 4.4 | 2.3 | 3.1 | 2.3 | 1.7 | 3.2 | 2.9 | 3.5 | 1.5 | 2.1 | 1.6 | 2.5 | 3.7 | 3.4 | 4.0 | 3.4 | 4.5 | 3.2 |
| 23 1120 | 0.23 | 0.003 | 0.5 | 2.7 | 3.4 | 5.5 | 12.9 | 10.8 | 6.4 | 2.2 | 2.7 | 1.4 | 4.3 | 2.5 | 2.1 | 3.1 | 1.7 | 1.7 | 1.9 | 1.6 | 1.7 | 3.0 | 2.8 | 1.4 |
| 23 1420 | 0.21 | 0.003 | 0.5 | 7.6 | 2.7 | 6.6 | 8.5 | 5.9 | 3.3 | 8.4 | 2.9 | 6.5 | 2.3 | 2.1 | 1.3 | 1.8 | 1.4 | 2.3 | 1.8 | 2.1 | 1.0 | 4.2 | 1.7 | 3.4 |
| 23 1720 | 0.20 | 0.002 | 0.6 | 1.8 | 2.4 | 4.6 | 4.5 | 4.1 | 4.3 | 6.7 | 4.6 | 5.6 | 3.5 | 3.3 | 1.8 | 2.6 | 2.3 | 2.9 | 2.2 | 2.9 | 3.6 | 2.0 | 2.9 | 2.4 |
| 23 2020 | 0.20 | 0.002 | 0.8 | 7.1 | 4.1 | 8.5 | 7.0 | 5.5 | 4.2 | 3.8 | 5.8 | 4.4 | 5.3 | 3.6 | 2.9 | 1.7 | 2.2 | 2.0 | 1.2 | 1.2 | 0.6 | 0.9 | 1.1 | 2.5 |
| 24 220 | 0.24 | 0.004 | 0.3 | 5.6 | 3.6 | 4.5 | 9.2 | 6.8 | 5.7 | 9.3 | 6.7 | 7.1 | 5.3 | 1.5 | 4.2 | 2.2 | 2.2 | 1.9 | 3.1 | 1.4 | 1.3 | 1.0 | 1.1 | 1.9 |
| 24 520 | 0.17 | 0.002 | 1.1 | 6.6 | 19.9 | 3.3 | 12.2 | 7.8 | 6.4 | 4.3 | 1.9 | 2.7 | 2.0 | 1.4 | 2.1 | 1.8 | 1.7 | 1.0 | 1.7 | 1.1 | 1.1 | 0.9 | 1.1 | 1.9 |
| 24 820 | 0.17 | 0.002 | 1.2 | 2.8 | 9.0 | 6.9 | 19.0 | 7.5 | 3.9 | 2.6 | 3.8 | 2.1 | 2.4 | 2.0 | 2.0 | 4.1 | 2.0 | 1.1 | 1.6 | 1.2 | 1.8 | 1.5 | 0.9 | 1.9 |
| 24 1120 | 0.19 | 0.002 | 0.8 | 8.2 | 9.5 | 4.1 | 9.5 | 8.1 | 8.4 | 4.4 | 8.9 | 3.6 | 2.7 | 2.4 | 1.5 | 0.9 | 1.0 | 0.9 | 0.6 | 0.9 | 0.4 | 0.7 | 0.7 | 0.8 |
| 24 1420 | 0.22 | 0.003 | 0.7 | 2.1 | 7.0 | 2.0 | 3.8 | 7.1 | 5.9 | 6.3 | 6.3 | 2.4 | 0.9 | 1.8 | 1.7 | 1.0 | 0.5 | 0.4 | 0.5 | 0.6 | 0.9 | 0.6 | 1.0 | 1.9 |
| 24 1720 | 0.25 | 0.004 | 0.5 | 1.5 | 2.1 | 1.7 | 9.8 | 7.6 | 3.8 | 1.8 | 1.1 | 0.5 | 0.6 | 0.7 | 0.8 | 0.5 | 0.5 | 0.3 | 0.4 | 0.8 | 1.0 | 3.4 | 5.1 | 12.0 |
| 24 2020 | 0.25 | 0.004 | 0.9 | 1.0 | 5.2 | 3.0 | 4.4 | 10.8 | 3.8 | 2.8 | 2.1 | 1.3 | 1.8 | 2.1 | 1.1 | 1.0 | 0.6 | 0.7 | 0.6 | 1.5 | 1.0 | 1.9 | 2.6 | 7.1 |
| 24 2320 | 0.34 | 0.007 | 0.6 | 0.7 | 1.8 | 1.3 | 6.1 | 6.3 | 1.6 | 0.9 | 1.1 | 0.5 | 0.5 | 0.8 | 0.3 | 0.6 | 0.8 | 1.0 | 0.9 | 2.1 | 2.7 | 3.9 | 10.1 | 10.6 |
| 25 520 | 0.45 | 0.013 | 0.2 | 1.4 | 19.4 | 29.3 | 2.1 | 0.9 | 3.4 | 6.3 | 1.9 | 1.3 | 1.3 | 2.0 | 1.4 | 0.6 | 1.5 | 0.5 | 0.8 | 0.6 | 0.8 | 0.4 | 1.3 | 1.9 |
| 25 820 | 0.58 | 0.021 | 0.4 | 1.0 | 11.5 | 11.6 | 2.3 | 0.7 | 1.5 | 1.9 | 1.3 | 0.9 | 0.8 | 0.8 | 1.3 | 1.3 | 1.5 | 6.4 | 5.9 | 16.5 | 9.5 | 4.5 | 5.6 | 3.7 |
| 25 1120 | 0.39 | 0.009 | 0.2 | 1.0 | 14.4 | 33.1 | 6.3 | 3.6 | 3.3 | 3.7 | 1.8 | 2.3 | 1.6 | 2.0 | 0.9 | 1.0 | 1.0 | 0.9 | 1.4 | 0.8 | 0.6 | 0.7 | 1.2 | 3.3 |
| 25 1420 | 0.41 | 0.010 | 0.2 | 1.1 | 31.5 | 15.9 | 3.8 | 1.4 | 3.1 | 5.1 | 1.4 | 1.2 | 1.4 | 0.9 | 0.6 | 0.7 | 1.1 | 1.1 | 0.7 | 1.0 | 1.1 | 1.4 | 1.4 | 2.1 |
| 25 1720 | 0.34 | 0.007 | 0.4 | 1.5 | 17.1 | 16.2 | 3.7 | 1.9 | 2.8 | 2.3 | 1.4 | 1.2 | 1.9 | 1.2 | 0.8 | 1.1 | 1.2 | 1.2 | 1.7 | 0.8 | 3.1 | 3.0 | 2.9 | 5.2 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
OCT 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 25 2320 | 0.57 | 0.020 | 0.3 | 0.6 | 3.2 | 3.5 | 1.0 | 0.4 | 0.7 | 0.6 | 0.6 | 0.2 | 0.4 | 0.2 | 0.3 | 1.1 | 2.3 | 10.2 | 22.2 | 9.5 | 9.4 | 12.6 | 8.6 | 3.7 |
| 26 220 | 0.36 | 0.008 | 0.4 | 1.0 | 6.4 | 11.8 | 4.7 | 2.9 | 2.9 | 1.4 | 1.1 | 0.5 | 0.5 | 0.4 | 0.6 | 0.3 | 0.7 | 0.6 | 1.3 | 1.9 | 6.4 | 6.1 | 10.5 | 7.4 |
| 26 520 | 0.19 | 0.002 | 0.7 | 4.8 | 21.4 | 12.0 | 6.6 | 5.2 | 2.9 | 1.4 | 2.1 | 1.6 | 1.4 | 1.4 | 1.6 | 1.7 | 1.1 | 0.7 | 0.9 | 0.9 | 1.5 | 0.8 | 2.1 | 1.4 |
| 26 820 | 0.15 | 0.001 | 1.1 | 8.0 | 9.0 | 12.6 | 8.9 | 3.6 | 1.4 | 3.3 | 3.0 | 2.8 | 2.2 | 2.2 | 1.9 | 1.1 | 1.6 | 0.8 | 1.7 | 1.5 | 2.4 | 2.0 | 1.6 | 2.0 |
| 26 1120 | 0.16 | 0.002 | 1.1 | 9.6 | 16.9 | 15.0 | 4.1 | 5.3 | 2.6 | 5.0 | 4.4 | 2.1 | 2.2 | 0.8 | 1.8 | 1.1 | 1.0 | 1.6 | 1.7 | 1.1 | 1.2 | 2.0 | 1.4 | 0.7 |
| 26 1420 | 0.18 | 0.002 | 0.8 | 7.6 | 19.2 | 9.5 | 7.2 | 11.9 | 6.0 | 4.1 | 3.6 | 2.7 | 2.8 | 2.3 | 2.1 | 1.2 | 0.9 | 1.0 | 0.9 | 1.2 | 1.3 | 1.0 | 0.7 | 1.1 |
| 26 1720 | 0.16 | 0.002 | 1.0 | 6.2 | 13.1 | 18.8 | 5.5 | 4.9 | 4.5 | 5.0 | 2.8 | 3.6 | 2.5 | 1.5 | 2.0 | 1.4 | 1.0 | 1.2 | 2.2 | 1.6 | 0.9 | 1.1 | 1.5 | 1.3 |
| 26 2020 | 0.16 | 0.001 | 0.9 | 9.5 | 15.1 | 12.0 | 4.3 | 2.8 | 3.4 | 3.8 | 2.6 | 1.9 | 4.2 | 4.0 | 2.1 | 1.1 | 2.2 | 1.1 | 2.2 | 1.3 | 2.2 | 3.4 | 3.0 | 1.6 |
| 26 2320 | 0.18 | 0.002 | 1.4 | 4.7 | 13.2 | 11.0 | 7.1 | 8.5 | 4.9 | 5.4 | 2.0 | 2.0 | 1.8 | 2.7 | 2.5 | 2.6 | 1.5 | 2.4 | 2.1 | 1.7 | 1.4 | 1.6 | 1.4 | 1.2 |
| 27 520 | 0.18 | 0.002 | 0.7 | 4.6 | 10.6 | 17.2 | 9.4 | 2.7 | 1.7 | 4.3 | 2.5 | 1.9 | 2.8 | 1.7 | 2.7 | 2.3 | 2.2 | 2.0 | 2.4 | 1.9 | 3.0 | 2.0 | 2.5 | 2.4 |
| 27 1120 | 0.20 | 0.003 | 0.9 | 1.3 | 3.6 | 5.6 | 9.7 | 4.4 | 4.6 | 2.2 | 2.5 | 6.9 | 10.4 | 5.9 | 4.9 | 5.3 | 3.7 | 1.4 | 2.6 | 2.4 | 1.2 | 1.6 | 1.2 | 1.4 |
| 27 1420 | 0.36 | 0.008 | 0.2 | 1.2 | 1.6 | 2.0 | 1.1 | 4.5 | 8.9 | 23.2 | 15.4 | 9.1 | 6.1 | 7.9 | 2.3 | 1.7 | 1.7 | 1.9 | 1.6 | 1.0 | 0.8 | 0.8 | 0.5 | 0.4 |
| 27 1720 | 0.65 | 0.026 | 0.1 | 0.2 | 0.3 | 1.0 | 10.5 | 31.8 | 13.2 | 7.2 | 4.7 | 3.6 | 4.5 | 5.3 | 5.8 | 2.1 | 1.2 | 1.6 | 1.2 | 0.8 | 0.8 | 0.4 | 0.2 | 0.4 |
| 27 2020 | 0.67 | 0.028 | 0.1 | 0.2 | 0.3 | 10.4 | 38.5 | 10.5 | 6.4 | 4.8 | 3.7 | 6.8 | 2.9 | 2.3 | 2.8 | 1.3 | 2.1 | 1.4 | 0.8 | 0.5 | 0.6 | 0.3 | 0.2 | 0.3 |
| 27 2320 | 0.62 | 0.024 | 0.1 | 0.2 | 0.8 | 15.3 | 34.4 | 8.0 | 2.7 | 2.7 | 7.8 | 5.0 | 4.0 | 1.2 | 0.9 | 1.3 | 2.1 | 1.8 | 0.5 | 0.9 | 0.6 | 0.7 | 0.7 | 0.6 |
| 28 820 | 0.34 | 0.007 | 0.6 | 0.7 | 25.0 | 16.5 | 8.4 | 2.7 | 2.8 | 2.5 | 2.7 | 2.8 | 2.1 | 2.1 | 2.0 | 1.9 | 1.1 | 1.8 | 1.3 | 1.1 | 1.2 | 1.1 | 1.1 | 1.1 |
| 29 1120 | 0.26 | 0.004 | 0.4 | 0.4 | 9.8 | 34.6 | 5.4 | 6.8 | 3.0 | 2.9 | 3.9 | 2.5 | 1.4 | 1.6 | 2.0 | 1.3 | 1.1 | 0.6 | 1.2 | 1.0 | 1.2 | 0.6 | 1.1 | 1.2 |
| 30 1120 | 0.23 | 0.003 | 0.6 | 0.8 | 3.6 | 10.9 | 12.8 | 11.3 | 5.1 | 5.6 | 3.4 | 3.4 | 1.7 | 1.3 | 0.7 | 2.2 | 1.7 | 1.3 | 2.4 | 1.6 | 2.9 | 1.8 | 1.8 | 1.5 |
| 30 1420 | 0.23 | 0.003 | 0.3 | 0.6 | 1.8 | 7.7 | 11.8 | 14.9 | 7.7 | 8.0 | 5.0 | 2.8 | 1.9 | 1.8 | 1.2 | 0.9 | 2.5 | 1.1 | 1.4 | 1.8 | 1.8 | 1.8 | 1.3 | 2.2 |
| 30 2320 | 0.21 | 0.003 | 0.8 | 1.9 | 5.2 | 6.4 | 19.1 | 9.6 | 5.1 | 1.5 | 1.9 | 2.7 | 1.9 | 3.0 | 1.2 | 2.1 | 1.4 | 1.5 | 1.6 | 1.9 | 1.4 | 2.6 | 2.0 | 1.6 |
| 31 1120 | 0.20 | 0.003 | 0.6 | 0.8 | 4.0 | 3.3 | 5.4 | 9.4 | 6.7 | 4.0 | 2.8 | 1.6 | 4.3 | 2.9 | 2.4 | 2.2 | 1.3 | 1.5 | 1.3 | 1.3 | 1.7 | 3.2 | 1.5 | 2.5 |
| 31 1420 | 0.18 | 0.002 | 0.7 | 1.0 | 7.8 | 4.9 | 5.6 | 7.2 | 6.6 | 3.9 | 1.6 | 2.1 | 1.7 | 3.1 | 1.3 | 1.7 | 1.5 | 1.4 | 1.4 | 2.0 | 2.1 | 2.1 | 1.2 | 2.7 |
| 31 1720 | 0.21 | 0.003 | 0.7 | 1.1 | 3.8 | 3.2 | 4.7 | 11.6 | 6.9 | 4.2 | 6.8 | 1.6 | 2.2 | 2.0 | 2.3 | 1.3 | 0.9 | 1.3 | 2.9 | 2.5 | 2.0 | 1.8 | 2.7 | 2.7 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
NOV 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 2 520 | 0.89 | 0.049 | 0.1 | 0.2 | 2.3 | 11.1 | 17.4 | 7.2 | 10.4 | 7.9 | 7.5 | 5.8 | 5.8 | 2.8 | 4.7 | 3.4 | 2.5 | 2.3 | 1.6 | 1.0 | 1.6 | 0.6 | 0.6 | 0.5 |
| 2 820 | 0.82 | 0.042 | 0.2 | 0.2 | 1.7 | 18.1 | 17.5 | 9.5 | 14.6 | 6.3 | 4.7 | 3.6 | 4.4 | 1.9 | 4.2 | 2.8 | 2.8 | 1.5 | 1.9 | 0.6 | 0.6 | 0.6 | 0.5 | 0.2 |
| 2 1120 | 0.66 | 0.028 | 0.1 | 0.4 | 3.4 | 15.2 | 22.9 | 8.3 | 9.3 | 6.2 | 7.7 | 6.3 | 6.0 | 1.3 | 1.2 | 2.5 | 2.3 | 1.5 | 0.9 | 0.7 | 1.0 | 0.2 | 0.4 | 0.3 |
| 2 1420 | 0.55 | 0.019 | 0.1 | 0.1 | 2.0 | 27.2 | 18.4 | 3.1 | 3.3 | 11.4 | 5.8 | 3.4 | 2.6 | 2.9 | 5.2 | 2.8 | 1.9 | 1.4 | 2.1 | 0.7 | 1.0 | 1.3 | 0.8 | 0.6 |
| 2 1720 | 0.65 | 0.026 | 0.1 | 0.1 | 4.1 | 31.5 | 6.2 | 4.3 | 3.6 | 13.6 | 6.8 | 2.4 | 4.0 | 3.7 | 2.6 | 3.8 | 1.7 | 1.8 | 2.7 | 1.3 | 1.6 | 0.7 | 0.6 | 0.7 |
| 2 2020 | 0.79 | 0.039 | 0.1 | 0.3 | 2.8 | 15.1 | 15.3 | 11.3 | 13.0 | 6.3 | 4.6 | 4.4 | 3.1 | 5.0 | 2.4 | 4.5 | 2.4 | 1.2 | 1.3 | 1.3 | 1.5 | 0.6 | 0.6 | 0.6 |
| 2 2320 | 0.61 | 0.023 | 0.1 | 0.1 | 7.7 | 24.5 | 10.6 | 5.6 | 5.1 | 5.7 | 9.7 | 5.0 | 4.2 | 2.8 | 3.6 | 2.4 | 1.8 | 2.2 | 2.3 | 1.4 | 0.7 | 0.5 | 0.8 | 0.4 |
| 3 220 | 0.42 | 0.011 | 0.3 | 0.4 | 9.7 | 23.4 | 8.9 | 4.7 | 5.6 | 5.6 | 3.4 | 4.0 | 4.7 | 3.7 | 3.1 | 1.6 | 3.1 | 2.0 | 2.3 | 1.5 | 2.0 | 1.6 | 1.5 | 0.6 |
| 3 520 | 0.46 | 0.013 | 0.1 | 0.1 | 2.5 | 37.2 | 18.6 | 5.7 | 3.6 | 5.2 | 3.4 | 1.9 | 3.1 | 3.5 | 1.5 | 1.5 | 1.1 | 1.1 | 1.3 | 1.0 | 1.0 | 0.6 | 0.9 | 0.5 |
| 3 820 | 0.62 | 0.024 | 0.1 | 0.3 | 3.1 | 33.8 | 13.9 | 4.9 | 2.7 | 8.9 | 5.0 | 4.0 | 2.4 | 3.6 | 1.2 | 3.2 | 3.6 | 1.2 | 1.8 | 0.7 | 1.2 | 0.8 | 0.5 | 0.4 |
| 3 1120 | 0.66 | 0.027 | 0.1 | 0.2 | 3.8 | 25.6 | 15.5 | 4.1 | 7.9 | 8.1 | 12.1 | 5.1 | 2.3 | 2.2 | 3.0 | 1.3 | 1.9 | 1.6 | 0.9 | 0.6 | 0.6 | 0.3 | 0.3 | 0.5 |
| 3 1420 | 0.43 | 0.011 | 0.2 | 0.3 | 4.8 | 16.5 | 20.6 | 11.1 | 6.7 | 8.9 | 4.7 | 4.2 | 2.1 | 2.2 | 2.6 | 1.4 | 2.0 | 1.4 | 1.0 | 1.6 | 0.6 | 0.6 | 0.8 | 1.1 |
| 3 1720 | 0.37 | 0.009 | 0.2 | 0.4 | 1.6 | 17.2 | 14.5 | 13.1 | 9.0 | 5.8 | 3.2 | 4.8 | 3.1 | 3.3 | 1.1 | 3.2 | 1.2 | 1.3 | 1.2 | 1.1 | 1.1 | 0.4 | 0.4 | 0.5 |
| 3 2020 | 0.48 | 0.014 | 0.2 | 0.3 | 1.0 | 16.7 | 13.3 | 14.0 | 8.9 | 6.0 | 5.0 | 4.9 | 2.6 | 2.4 | 1.3 | 0.9 | 0.6 | 0.7 | 1.0 | 0.8 | 0.4 | 1.8 | 1.5 | 1.6 |
| 3 2320 | 0.44 | 0.012 | 0.2 | 0.2 | 0.6 | 18.2 | 14.0 | 13.0 | 10.5 | 6.4 | 3.4 | 2.2 | 1.1 | 1.4 | 1.2 | 0.7 | 0.8 | 0.8 | 0.5 | 0.4 | 1.5 | 2.6 | 2.2 | 4.0 |
| 4 220 | 0.33 | 0.007 | 0.4 | 0.9 | 1.3 | 15.1 | 7.9 | 8.3 | 6.7 | 2.7 | 1.6 | 2.1 | 1.4 | 0.8 | 0.6 | 1.0 | 1.6 | 1.0 | 1.7 | 2.3 | 3.9 | 4.5 | 3.8 | 9.0 |
| 4 520 | 0.44 | 0.012 | 0.2 | 0.4 | 2.5 | 27.4 | 6.3 | 5.9 | 5.4 | 1.9 | 1.8 | 2.4 | 1.3 | 0.6 | 1.2 | 1.0 | 0.8 | 1.2 | 0.9 | 2.5 | 3.6 | 8.4 | 3.9 | 4.6 |
| 4 820 | 0.51 | 0.016 | 0.2 | 0.6 | 3.2 | 24.7 | 18.9 | 11.3 | 4.9 | 7.0 | 5.0 | 2.3 | 1.6 | 1.4 | 1.4 | 1.0 | 1.6 | 1.1 | 1.3 | 0.9 | 0.5 | 0.8 | 0.6 | 0.8 |
| 4 1120 | 0.50 | 0.016 | 0.2 | 0.5 | 2.0 | 14.2 | 11.7 | 6.7 | 3.6 | 4.3 | 3.6 | 3.0 | 1.4 | 0.8 | 1.1 | 1.1 | 0.6 | 2.3 | 4.4 | 5.9 | 7.9 | 4.3 | 8.5 | 3.9 |
| 4 1420 | 0.45 | 0.013 | 0.4 | 0.5 | 0.5 | 10.2 | 9.3 | 3.6 | 0.9 | 0.7 | 0.9 | 0.6 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.7 | 2.3 | 1.6 | 4.6 | 15.9 | 10.1 | 14.6 |
| 4 1720 | 0.44 | 0.012 | 0.4 | 0.4 | 0.7 | 14.0 | 4.6 | 1.5 | 0.6 | 0.9 | 1.4 | 0.7 | 0.6 | 0.6 | 0.3 | 1.1 | 1.1 | 2.5 | 5.0 | 6.4 | 15.1 | 7.9 | 7.3 | 8.1 |
| 4 2020 | 0.60 | 0.023 | 0.3 | 0.2 | 0.3 | 6.3 | 3.0 | 1.4 | 0.2 | 0.2 | 0.4 | 0.3 | 0.2 | 0.2 | 0.4 | 1.2 | 2.5 | 7.9 | 16.2 | 22.1 | 11.0 | 9.0 | 5.1 | 4.2 |
| 4 2320 | 0.68 | 0.029 | 0.4 | 0.3 | 2.3 | 4.9 | 4.3 | 0.7 | 0.5 | 0.6 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 1.2 | 3.8 | 11.2 | 14.3 | 22.6 | 11.6 | 6.3 | 4.0 | 2.6 |
| 5 1720 | 0.33 | 0.007 | 0.5 | 0.6 | 3.3 | 18.6 | 3.7 | 1.3 | 1.2 | 2.5 | 1.7 | 0.5 | 0.7 | 1.2 | 1.0 | 0.7 | 0.6 | 1.0 | 1.1 | 1.5 | 3.1 | 2.4 | 7.8 | 6.0 |
| 6 520 | 0.32 | 0.006 | 0.6 | 0.6 | 1.5 | 15.8 | 8.5 | 2.5 | 1.2 | 1.2 | 1.5 | 1.0 | 1.2 | 0.7 | 1.3 | 1.6 | 0.6 | 1.0 | 0.5 | 0.8 | 1.1 | 5.2 | 3.4 | 3.7 |
| 6 1420 | 0.28 | 0.005 | 0.3 | 0.8 | 2.6 | 18.5 | 13.2 | 18.2 | 6.5 | 7.2 | 4.2 | 4.4 | 2.4 | 2.3 | 2.2 | 1.8 | 1.5 | 1.8 | 1.4 | 2.0 | 1.2 | 0.7 | 1.0 | 0.4 |
| 6 1720 | 0.22 | 0.003 | 0.4 | 1.8 | 4.9 | 23.7 | 9.9 | 7.2 | 6.4 | 2.8 | 2.9 | 3.3 | 4.4 | 3.2 | 3.3 | 3.8 | 1.2 | 2.9 | 2.3 | 1.7 | 1.4 | 1.1 | 1.1 | 0.9 |
| 7 520 | 0.48 | 0.015 | 0.2 | 0.2 | 0.3 | 0.4 | 1.2 | 1.0 | 2.0 | 2.0 | 2.6 | 4.3 | 7.7 | 16.5 | 12.4 | 8.8 | 7.8 | 6.9 | 4.4 | 3.2 | 2.8 | 3.1 | 2.7 | 2.2 |
| 7 820 | 0.60 | 0.022 | 0.2 | 0.3 | 0.2 | 0.3 | 0.8 | 3.8 | 6.6 | 3.0 | 3.3 | 7.5 | 10.2 | 7.6 | 6.6 | 11.2 | 8.7 | 4.7 | 5.6 | 2.4 | 4.0 | 3.1 | 3.3 | 1.4 |
| 7 1120 | 1.07 | 0.072 | 0.2 | 0.4 | 0.3 | 0.1 | 0.8 | 10.0 | 12.7 | 7.0 | 9.9 | 15.3 | 10.0 | 7.4 | 5.0 | 3.1 | 3.8 | 3.5 | 2.4 | 2.4 | 1.1 | 0.7 | 0.7 | 0.4 |
| 7 1420 | 1.29 | 0.103 | 0.1 | 0.4 | 0.6 | 0.1 | 1.2 | 8.1 | 19.8 | 7.8 | 10.0 | 16.1 | 10.1 | 6.1 | 4.7 | 2.9 | 2.5 | 1.9 | 1.7 | 0.7 | 1.2 | 0.9 | 0.7 | 0.4 |
| 7 1720 | 1.36 | 0.115 | 0.1 | 0.2 | 0.5 | 0.5 | 11.8 | 9.6 | 7.9 | 14.0 | 8.0 | 15.5 | 12.9 | 4.8 | 3.7 | 1.9 | 2.3 | 1.6 | 0.6 | 0.8 | 0.5 | 0.8 | 0.5 | 0.4 |
| 7 2020 | 1.53 | 0.146 | 0.2 | 0.2 | 0.8 | 1.8 | 6.9 | 15.6 | 13.3 | 10.5 | 13.5 | 5.8 | 9.1 | 3.6 | 8.3 | 2.6 | 2.1 | 1.5 | 0.9 | 0.4 | 0.4 | 0.5 | 0.3 | 0.4 |
| 7 2320 | 1.87 | 0.218 | 0.2 | 0.2 | 1.3 | 6.8 | 8.9 | 10.2 | 10.9 | 27.8 | 9.7 | 6.0 | 5.3 | 2.9 | 2.1 | 2.5 | 1.0 | 0.6 | 0.8 | 0.9 | 0.5 | 0.2 | 0.2 | 0.2 |
| 8 220 | 1.74 | 0.188 | 0.1 | 0.3 | 2.0 | 7.2 | 8.4 | 18.0 | 8.1 | 15.7 | 11.7 | 10.2 | 4.4 | 3.0 | 2.1 | 2.4 | 1.5 | 0.8 | 1.1 | 0.8 | 0.4 | 0.4 | 0.4 | 0.3 |
| 8 520 | 1.35 | 0.114 | 0.1 | 0.3 | 2.1 | 6.1 | 10.1 | 7.0 | 13.3 | 5.6 | 13.5 | 14.4 | 5.1 | 6.5 | 3.1 | 1.6 | 3.8 | 1.3 | 1.5 | 0.7 | 0.7 | 0.9 | 0.5 | 0.3 |
| 8 820 | 0.83 | 0.043 | 0.1 | 0.4 | 2.7 | 23.7 | 10.1 | 5.6 | 11.0 | 8.4 | 3.7 | 4.1 | 6.6 | 2.0 | 3.7 | 2.1 | 3.3 | 2.8 | 1.7 | 1.4 | 1.3 | 1.3 | 1.0 | 0.6 |
| 8 1120 | 0.81 | 0.041 | 0.1 | 0.8 | 4.7 | 12.9 | 15.4 | 12.6 | 7.7 | 8.2 | 7.1 | 7.6 | 3.8 | 3.9 | 4.7 | 1.7 | 1.7 | 1.0 | 1.1 | 0.8 | 1.0 | 0.7 | 0.6 | 0.4 |
| 8 1420 | 0.99 | 0.061 | 0.1 | 1.1 | 7.2 | 8.4 | 17.8 | 16.7 | 6.7 | 9.6 | 6.8 | 6.6 | 2.5 | 3.1 | 1.8 | 2.3 | 2.9 | 1.9 | 0.6 | 0.4 | 1.1 | 0.5 | 0.3 | 0.4 |
| 8 1720 | 1.14 | 0.081 | 0.1 | 0.8 | 3.4 | 9.6 | 9.4 | 14.3 | 7.1 | 6.9 | 7.5 | 5.4 | 10.0 | 6.2 | 4.6 | 2.6 | 2.5 | 2.6 | 1.5 | 0.6 | 1.1 | 0.5 | 1.0 | 0.5 |
| 8 2020 | 0.95 | 0.057 | 0.1 | 2.6 | 4.4 | 8.0 | 8.3 | 8.9 | 11.3 | 11.3 | 8.8 | 7.5 | 7.8 | 3.8 | 2.7 | 2.2 | 2.6 | 1.5 | 2.3 | 1.5 | 0.8 | 0.6 | 0.5 | 0.4 |
| 8 2320 | 1.23 | 0.094 | 0.1 | 0.2 | 3.0 | 4.1 | 15.7 | 19.7 | 12.1 | 9.1 | 6.7 | 7.1 | 6.8 | 2.1 | 2.9 | 2.2 | 1.5 | 1.0 | 1.3 | 0.8 | 0.5 | 0.8 | 0.6 | 0.4 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
NOV 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 220 | 1.14 | 0.081 | 0.1 | 0.7 | 5.4 | 6.7 | 12.7 | 10.1 | 9.4 | 8.7 | 7.1 | 5.6 | 8.6 | 4.2 | 4.0 | 3.8 | 2.1 | 2.1 | 1.5 | 1.5 | 1.0 | 0.6 | 0.7 | 0.7 |
| 9 520 | 0.91 | 0.051 | 0.1 | 0.2 | 1.9 | 14.9 | 19.4 | 6.3 | 7.1 | 4.8 | 8.0 | 9.2 | 5.0 | 5.0 | 3.9 | 2.2 | 3.3 | 1.8 | 1.1 | 0.7 | 0.6 | 0.6 | 0.6 | 0.3 |
| 9 820 | 0.85 | 0.046 | 0.1 | 0.3 | 1.6 | 15.2 | 12.2 | 6.1 | 5.2 | 8.6 | 9.9 | 6.6 | 7.2 | 3.2 | 2.9 | 2.8 | 2.4 | 1.5 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 2.6 |
| 9 1120 | 1.52 | 0.145 | 0.1 | 1.5 | 18.9 | 11.5 | 4.2 | 7.2 | 14.2 | 4.9 | 7.2 | 6.8 | 4.3 | 2.1 | 2.7 | 3.1 | 1.6 | 0.8 | 2.1 | 1.5 | 0.6 | 1.3 | 0.9 | 0.8 |
| 9 1420 | 1.45 | 0.131 | 0.3 | 1.5 | 20.0 | 10.7 | 4.7 | 9.3 | 9.8 | 8.8 | 8.9 | 6.3 | 6.8 | 2.0 | 2.5 | 0.7 | 1.2 | 1.5 | 1.1 | 0.5 | 0.4 | 0.5 | 0.3 | 0.4 |
| 9 1720 | 1.39 | 0.120 | 0.2 | 1.6 | 23.2 | 11.9 | 5.7 | 8.3 | 12.2 | 6.8 | 4.2 | 5.1 | 4.3 | 3.5 | 2.7 | 1.9 | 2.4 | 0.7 | 0.6 | 0.7 | 0.3 | 0.4 | 0.6 | 0.5 |
| 9 2320 | 1.46 | 0.133 | 0.1 | 0.2 | 21.5 | 8.4 | 4.5 | 9.9 | 14.4 | 5.8 | 6.0 | 5.9 | 4.3 | 2.8 | 2.6 | 2.4 | 2.6 | 1.3 | 1.0 | 1.3 | 0.8 | 1.1 | 0.7 | 0.5 |
| 10 220 | 1.35 | 0.114 | 0.2 | 0.4 | 11.4 | 11.4 | 6.5 | 7.4 | 21.8 | 6.2 | 5.4 | 8.5 | 3.5 | 3.2 | 2.8 | 2.8 | 1.5 | 1.0 | 1.5 | 1.0 | 0.7 | 0.7 | 0.3 | 0.4 |
| 10 520 | 1.05 | 0.069 | 0.1 | 0.5 | 11.3 | 10.9 | 18.1 | 7.3 | 4.6 | 8.7 | 6.2 | 6.7 | 2.7 | 7.7 | 3.5 | 2.9 | 1.6 | 1.4 | 1.7 | 0.6 | 0.6 | 0.5 | 0.3 | 0.4 |
| 10 1120 | 1.00 | 0.062 | 0.1 | 0.2 | 9.6 | 10.1 | 9.9 | 7.4 | 4.5 | 9.0 | 7.1 | 9.2 | 6.6 | 5.2 | 4.5 | 4.4 | 1.5 | 2.2 | 2.0 | 1.3 | 0.7 | 0.9 | 1.0 | 0.6 |
| 10 1420 | 1.41 | 0.123 | 0.1 | 0.3 | 5.1 | 11.1 | 10.1 | 9.7 | 7.4 | 16.8 | 8.3 | 8.3 | 6.0 | 4.7 | 2.0 | 2.5 | 1.5 | 1.5 | 1.0 | 0.8 | 0.6 | 0.4 | 0.6 | 0.3 |
| 10 1720 | 1.55 | 0.149 | 0.2 | 0.3 | 6.7 | 14.1 | 10.9 | 5.6 | 10.6 | 11.3 | 11.5 | 7.0 | 7.8 | 3.8 | 1.7 | 1.8 | 1.7 | 1.3 | 0.7 | 0.8 | 0.4 | 0.3 | 0.3 | 0.3 |
| 10 2020 | 1.63 | 0.166 | 0.1 | 0.3 | 6.0 | 10.8 | 10.0 | 6.4 | 7.1 | 19.9 | 11.1 | 6.9 | 5.6 | 2.9 | 2.8 | 2.6 | 1.7 | 1.2 | 0.9 | 0.6 | 0.4 | 0.6 | 0.6 | 0.3 |
| 11 220 | 1.56 | 0.152 | 0.2 | 0.2 | 2.6 | 12.3 | 11.9 | 8.1 | 8.6 | 13.6 | 12.5 | 6.1 | 5.5 | 3.7 | 2.7 | 3.8 | 1.8 | 1.5 | 0.9 | 1.1 | 0.5 | 0.6 | 0.4 | 0.3 |
| 11 820 | 0.92 | 0.053 | 0.1 | 0.1 | 4.6 | 10.8 | 17.5 | 5.8 | 7.7 | 8.9 | 8.7 | 2.4 | 5.4 | 4.7 | 5.6 | 3.8 | 4.5 | 2.1 | 1.9 | 1.1 | 0.9 | 0.5 | 0.5 | 0.5 |
| 11 1120 | 0.76 | 0.036 | 0.0 | 0.2 | 4.7 | 8.7 | 17.2 | 12.2 | 13.0 | 4.7 | 5.1 | 7.5 | 6.2 | 3.1 | 5.9 | 1.8 | 1.7 | 1.7 | 1.0 | 1.5 | 0.9 | 0.8 | 0.3 | 0.3 |
| 11 1420 | 0.75 | 0.035 | 0.1 | 0.3 | 2.2 | 19.5 | 9.5 | 10.6 | 6.7 | 9.3 | 6.9 | 5.5 | 3.0 | 5.0 | 3.2 | 4.6 | 4.7 | 1.5 | 2.1 | 0.7 | 0.7 | 0.6 | 0.9 | 0.5 |
| 11 1720 | 0.75 | 0.035 | 0.1 | 0.2 | 5.9 | 10.2 | 27.5 | 12.0 | 10.4 | 5.0 | 4.8 | 3.1 | 2.7 | 2.8 | 2.8 | 2.3 | 3.1 | 1.2 | 1.1 | 0.4 | 1.1 | 0.7 | 0.7 | 0.3 |
| 11 2020 | 0.73 | 0.033 | 0.0 | 0.1 | 3.3 | 24.3 | 12.6 | 9.8 | 5.1 | 8.1 | 10.5 | 3.9 | 3.1 | 3.8 | 2.7 | 2.4 | 1.4 | 2.3 | 1.1 | 0.9 | 0.8 | 0.6 | 0.8 | 0.3 |
| 11 2320 | 0.67 | 0.028 | 0.1 | 0.3 | 2.8 | 29.5 | 16.2 | 11.2 | 4.2 | 4.5 | 7.3 | 3.4 | 2.2 | 2.9 | 2.5 | 3.1 | 1.0 | 0.8 | 1.3 | 1.0 | 0.9 | 0.6 | 0.6 | 0.9 |
| 12 220 | 0.57 | 0.021 | 0.1 | 0.2 | 4.5 | 32.9 | 12.7 | 9.1 | 4.2 | 5.3 | 5.4 | 5.5 | 2.5 | 2.3 | 1.6 | 2.5 | 1.4 | 0.9 | 1.2 | 0.4 | 1.1 | 1.3 | 0.8 | 0.3 |
| 12 520 | 0.52 | 0.017 | 0.1 | 0.3 | 1.8 | 27.0 | 27.2 | 6.8 | 5.4 | 4.0 | 5.0 | 4.1 | 1.6 | 1.8 | 1.7 | 1.7 | 1.4 | 1.0 | 1.3 | 1.1 | 0.8 | 0.8 | 0.7 | 0.7 |
| 12 820 | 0.40 | 0.010 | 0.1 | 0.6 | 2.8 | 15.1 | 15.2 | 12.9 | 6.6 | 7.5 | 8.7 | 6.6 | 2.3 | 1.8 | 2.4 | 1.5 | 1.1 | 1.8 | 1.7 | 1.4 | 1.3 | 1.5 | 0.8 | 0.8 |
| 12 1120 | 0.34 | 0.007 | 0.2 | 0.4 | 1.3 | 24.8 | 14.2 | 9.8 | 8.1 | 7.2 | 2.8 | 3.6 | 3.6 | 1.8 | 2.5 | 2.3 | 2.1 | 1.2 | 1.7 | 2.0 | 1.8 | 1.0 | 1.2 | 1.1 |
| 12 1420 | 0.35 | 0.008 | 0.1 | 0.5 | 4.0 | 24.1 | 18.5 | 9.7 | 6.5 | 6.8 | 2.0 | 5.0 | 3.4 | 2.3 | 2.1 | 1.0 | 1.7 | 1.5 | 1.4 | 0.6 | 1.4 | 0.9 | 0.7 | 0.7 |
| 12 1720 | 0.38 | 0.009 | 0.1 | 2.3 | 14.8 | 23.1 | 15.3 | 3.5 | 5.5 | 6.4 | 4.8 | 2.5 | 3.3 | 2.0 | 1.9 | 1.6 | 1.3 | 1.1 | 0.9 | 1.0 | 1.3 | 0.8 | 0.6 | 0.9 |
| 12 2020 | 0.38 | 0.009 | 0.2 | 3.2 | 10.8 | 23.9 | 14.2 | 5.0 | 3.9 | 7.2 | 4.7 | 4.4 | 4.9 | 2.1 | 1.8 | 1.4 | 1.3 | 1.0 | 1.4 | 1.6 | 0.6 | 0.5 | 0.5 | 0.4 |
| 12 2320 | 0.40 | 0.010 | 0.2 | 4.0 | 16.5 | 27.0 | 8.8 | 4.1 | 4.7 | 2.2 | 3.4 | 2.1 | 4.6 | 2.0 | 2.3 | 1.5 | 1.4 | 1.7 | 1.9 | 1.0 | 1.3 | 1.7 | 0.7 | 0.6 |
| 13 220 | 0.42 | 0.011 | 0.1 | 3.1 | 21.2 | 20.7 | 10.4 | 5.8 | 4.9 | 3.4 | 1.9 | 2.1 | 3.1 | 2.0 | 2.8 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 0.7 | 2.3 | 0.7 | 1.6 |
| 13 520 | 0.40 | 0.010 | 0.2 | 2.0 | 20.1 | 29.1 | 11.7 | 3.3 | 2.9 | 3.7 | 2.4 | 1.9 | 1.7 | 1.5 | 2.1 | 1.7 | 1.4 | 1.4 | 1.6 | 1.2 | 1.2 | 1.0 | 1.3 | 0.5 |
| 13 820 | 0.32 | 0.006 | 0.3 | 0.8 | 28.4 | 8.4 | 8.9 | 4.2 | 7.1 | 4.0 | 4.3 | 3.6 | 2.9 | 4.2 | 2.3 | 1.5 | 2.0 | 2.4 | 1.7 | 2.2 | 2.5 | 0.6 | 1.0 | 1.0 |
| 13 1120 | 0.28 | 0.005 | 0.2 | 1.2 | 20.4 | 13.7 | 7.9 | 4.1 | 4.3 | 2.4 | 4.5 | 5.6 | 6.8 | 3.2 | 2.7 | 2.4 | 2.8 | 1.5 | 2.5 | 2.6 | 1.1 | 0.9 | 1.0 | 0.9 |
| 13 1420 | 0.28 | 0.005 | 0.3 | 1.2 | 25.3 | 23.0 | 9.2 | 4.3 | 4.2 | 3.7 | 3.2 | 2.0 | 1.8 | 1.3 | 1.9 | 1.5 | 1.6 | 1.2 | 1.3 | 1.6 | 1.1 | 1.2 | 1.2 | 1.0 |
| 13 2020 | 0.26 | 0.004 | 0.3 | 2.8 | 14.9 | 16.7 | 6.6 | 3.6 | 4.1 | 3.5 | 2.3 | 2.6 | 1.9 | 2.2 | 3.6 | 3.1 | 2.5 | 1.0 | 1.7 | 1.8 | 1.6 | 1.4 | 1.2 | 1.7 |
| 13 2320 | 0.24 | 0.004 | 0.5 | 2.9 | 19.9 | 15.6 | 7.8 | 4.1 | 4.2 | 3.4 | 3.7 | 2.4 | 2.9 | 2.5 | 1.2 | 1.9 | 1.1 | 2.8 | 1.0 | 1.6 | 1.4 | 1.1 | 1.9 | 1.2 |
| 14 220 | 0.24 | 0.003 | 0.4 | 1.3 | 23.2 | 11.7 | 4.8 | 11.8 | 9.6 | 4.4 | 2.8 | 2.1 | 1.8 | 1.5 | 1.5 | 1.3 | 1.3 | 1.1 | 1.2 | 1.4 | 1.4 | 1.3 | 1.1 | 1.0 |
| 14 520 | 0.26 | 0.004 | 0.4 | 1.7 | 25.7 | 14.2 | 8.3 | 4.5 | 9.4 | 4.7 | 2.4 | 3.3 | 1.1 | 2.3 | 0.9 | 1.2 | 1.8 | 1.1 | 1.3 | 1.2 | 1.8 | 1.5 | 1.1 | 1.5 |
| 14 820 | 0.28 | 0.005 | 0.4 | 0.8 | 27.2 | 7.7 | 9.6 | 2.4 | 5.8 | 4.5 | 3.7 | 3.0 | 3.2 | 2.0 | 2.0 | 1.7 | 1.9 | 2.2 | 2.4 | 2.5 | 1.5 | 1.6 | 1.2 | 1.3 |
| 14 1120 | 0.30 | 0.006 | 0.3 | 0.9 | 18.9 | 20.7 | 10.4 | 2.2 | 5.0 | 10.3 | 6.2 | 1.2 | 1.5 | 2.8 | 2.5 | 2.6 | 1.8 | 1.4 | 0.6 | 1.0 | 0.6 | 0.9 | 0.6 | 0.6 |
| 14 1420 | 0.25 | 0.004 | 0.2 | 0.9 | 5.3 | 25.6 | 14.7 | 5.1 | 2.9 | 3.7 | 5.3 | 4.2 | 3.6 | 2.1 | 1.6 | 3.3 | 2.1 | 1.4 | 1.4 | 1.7 | 1.3 | 1.4 | 1.1 | 1.0 |
| 14 1720 | 0.34 | 0.007 | 0.3 | 0.3 | 4.5 | 29.4 | 18.2 | 6.2 | 3.3 | 6.4 | 7.5 | 2.4 | 1.9 | 1.9 | 2.4 | 1.2 | 1.4 | 1.2 | 1.3 | 1.4 | 1.1 | 0.6 | 0.6 | 0.6 |
| 14 2020 | 0.34 | 0.007 | 0.2 | 0.9 | 7.3 | 14.2 | 25.4 | 11.0 | 8.2 | 4.5 | 2.2 | 1.7 | 3.3 | 1.4 | 1.7 | 2.0 | 1.5 | 1.8 | 1.3 | 1.3 | 1.2 | 0.7 | 0.8 | 0.9 |
| 14 2320 | 0.32 | 0.006 | 0.2 | 0.5 | 2.2 | 12.5 | 28.4 | 13.1 | 3.5 | 3.9 | 4.5 | 6.7 | 1.8 | 2.3 | 2.1 | 1.5 | 1.1 | 1.7 | 1.5 | 0.9 | 1.0 | 1.3 | 1.1 | 1.0 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
NOV 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 520 | 0.33 | 0.007 | 0.2 | 0.9 | 2.3 | 24.9 | 25.7 | 9.6 | 5.9 | 3.1 | 3.6 | 3.0 | 2.5 | 1.5 | 2.0 | 1.4 | 1.7 | 1.7 | 0.6 | 1.6 | 0.8 | 0.6 | 0.7 | 0.7 |
| 15 820 | 0.32 | 0.006 | 0.2 | 0.5 | 2.0 | 10.3 | 22.4 | 9.6 | 8.7 | 7.8 | 7.2 | 4.7 | 2.7 | 3.3 | 2.7 | 2.2 | 2.5 | 1.1 | 0.6 | 0.9 | 1.3 | 1.6 | 0.9 | 1.1 |
| 15 1120 | 0.28 | 0.005 | 0.3 | 1.5 | 1.3 | 14.2 | 21.0 | 9.1 | 6.3 | 7.9 | 7.1 | 6.3 | 2.4 | 1.8 | 3.1 | 1.1 | 1.1 | 1.6 | 1.1 | 1.4 | 1.3 | 1.0 | 0.6 | 1.3 |
| 15 1420 | 0.28 | 0.005 | 0.3 | 0.9 | 2.3 | 10.3 | 20.8 | 14.2 | 5.8 | 4.2 | 4.4 | 5.5 | 5.1 | 2.1 | 4.2 | 1.8 | 2.9 | 1.3 | 1.5 | 0.9 | 1.2 | 1.3 | 1.5 | 1.0 |
| 15 1720 | 0.29 | 0.005 | 0.3 | 1.0 | 3.3 | 9.6 | 18.8 | 12.4 | 9.5 | 5.6 | 2.0 | 4.2 | 3.7 | 3.2 | 2.9 | 2.2 | 1.2 | 1.5 | 2.2 | 1.8 | 2.2 | 1.5 | 1.8 | 1.5 |
| 15 2020 | 0.34 | 0.007 | 0.2 | 0.4 | 2.2 | 1.6 | 18.0 | 16.5 | 12.6 | 5.8 | 2.9 | 3.7 | 3.5 | 3.7 | 2.5 | 3.0 | 2.8 | 2.6 | 1.2 | 2.6 | 1.0 | 1.0 | 1.6 | 1.3 |
| 15 2320 | 0.29 | 0.005 | 0.3 | 1.1 | 2.4 | 10.0 | 13.3 | 7.4 | 3.3 | 4.5 | 4.9 | 3.9 | 3.5 | 3.1 | 3.8 | 4.7 | 2.8 | 2.3 | 3.8 | 1.5 | 2.2 | 2.5 | 2.1 | 1.4 |
| 16 220 | 0.27 | 0.005 | 0.3 | 0.8 | 2.5 | 4.9 | 19.7 | 5.3 | 5.5 | 4.0 | 4.8 | 5.6 | 4.4 | 4.3 | 4.6 | 2.4 | 4.3 | 2.8 | 1.9 | 1.1 | 1.6 | 2.1 | 1.0 | 1.4 |
| 16 520 | 0.31 | 0.006 | 0.2 | 1.0 | 8.2 | 6.1 | 23.4 | 17.4 | 8.5 | 4.0 | 2.4 | 3.8 | 2.2 | 1.5 | 2.3 | 1.3 | 2.4 | 1.6 | 1.2 | 1.0 | 1.6 | 0.8 | 0.8 | 1.1 |
| 16 820 | 0.34 | 0.007 | 0.3 | 0.4 | 5.4 | 12.6 | 13.0 | 12.8 | 9.5 | 6.5 | 4.5 | 3.2 | 2.3 | 2.4 | 2.5 | 1.7 | 2.2 | 2.3 | 1.3 | 1.6 | 1.8 | 1.4 | 1.1 | 1.7 |
| 16 1120 | 0.30 | 0.006 | 0.3 | 0.8 | 4.2 | 11.3 | 13.8 | 8.8 | 5.3 | 6.0 | 5.9 | 5.8 | 4.3 | 2.7 | 3.0 | 3.2 | 2.2 | 1.1 | 2.0 | 1.1 | 1.7 | 2.0 | 0.9 | 0.9 |
| 16 1420 | 0.34 | 0.007 | 0.2 | 0.1 | 2.1 | 8.5 | 5.8 | 2.9 | 4.3 | 3.6 | 5.3 | 10.5 | 11.8 | 8.7 | 6.1 | 5.0 | 4.4 | 3.5 | 1.8 | 1.9 | 2.5 | 1.2 | 1.0 | 1.5 |
| 16 1720 | 0.32 | 0.006 | 0.6 | 0.6 | 2.7 | 10.9 | 11.9 | 6.0 | 5.8 | 8.9 | 5.9 | 7.3 | 5.3 | 5.9 | 3.5 | 3.2 | 2.3 | 1.7 | 1.4 | 1.6 | 2.0 | 1.4 | 0.8 | 0.9 |
| 16 2320 | 0.36 | 0.008 | 0.2 | 0.2 | 1.1 | 6.1 | 13.0 | 4.9 | 5.2 | 11.6 | 14.6 | 9.6 | 4.5 | 5.3 | 3.0 | 2.7 | 2.0 | 1.3 | 1.7 | 1.4 | 1.0 | 1.5 | 1.1 | 1.1 |
| 17 220 | 0.27 | 0.004 | 0.3 | 0.5 | 2.2 | 4.3 | 6.9 | 9.9 | 7.9 | 8.5 | 12.5 | 7.7 | 8.1 | 4.7 | 2.6 | 2.8 | 2.5 | 1.2 | 2.5 | 1.3 | 1.0 | 0.8 | 0.9 | 0.8 |
| 17 520 | 0.26 | 0.004 | 0.3 | 0.3 | 2.5 | 11.7 | 8.2 | 8.4 | 5.5 | 9.0 | 9.6 | 6.3 | 8.3 | 5.3 | 3.8 | 2.1 | 2.6 | 2.5 | 1.3 | 1.1 | 0.8 | 1.0 | 0.5 | 1.0 |
| 17 820 | 0.33 | 0.007 | 0.3 | 0.3 | 2.6 | 6.0 | 11.0 | 4.6 | 4.5 | 5.5 | 15.6 | 8.3 | 8.5 | 6.3 | 3.2 | 2.6 | 2.3 | 2.3 | 2.0 | 1.3 | 1.0 | 0.8 | 1.3 | 1.3 |
| 17 1120 | 0.29 | 0.005 | 0.3 | 0.4 | 2.4 | 12.7 | 11.3 | 5.7 | 2.2 | 6.8 | 12.3 | 6.5 | 6.0 | 5.1 | 5.4 | 2.8 | 3.6 | 1.7 | 0.9 | 0.7 | 0.8 | 1.0 | 1.6 | 0.8 |
| 17 1420 | 0.28 | 0.005 | 0.3 | 0.2 | 3.7 | 23.5 | 9.7 | 4.3 | 4.6 | 11.3 | 6.2 | 6.2 | 5.1 | 2.9 | 3.8 | 2.4 | 1.3 | 1.9 | 0.8 | 1.1 | 1.0 | 0.9 | 0.6 | 0.7 |
| 17 1720 | 0.30 | 0.006 | 0.3 | 0.5 | 3.4 | 14.0 | 15.3 | 9.6 | 3.4 | 5.7 | 5.3 | 6.3 | 3.3 | 3.2 | 2.3 | 3.5 | 1.7 | 1.6 | 2.7 | 1.7 | 0.9 | 1.4 | 1.4 | 0.7 |
| 17 2320 | 0.30 | 0.006 | 0.2 | 0.3 | 8.8 | 12.9 | 10.5 | 8.9 | 3.4 | 4.8 | 5.6 | 5.6 | 5.4 | 3.6 | 3.5 | 3.1 | 1.7 | 1.3 | 1.7 | 1.0 | 1.5 | 1.3 | 1.1 | 0.9 |
| 18 220 | 0.24 | 0.004 | 0.4 | 0.4 | 5.7 | 19.9 | 13.4 | 10.1 | 3.5 | 4.2 | 5.5 | 3.2 | 1.7 | 1.7 | 1.3 | 1.3 | 1.6 | 1.3 | 1.7 | 1.1 | 2.0 | 0.9 | 1.3 | 1.0 |
| 18 520 | 0.26 | 0.004 | 0.3 | 0.3 | 6.9 | 18.1 | 14.2 | 7.0 | 8.1 | 4.0 | 2.8 | 2.4 | 2.6 | 1.7 | 1.3 | 2.1 | 1.0 | 1.8 | 2.0 | 1.3 | 1.4 | 1.2 | 2.0 | 1.4 |
| 18 820 | 0.33 | 0.007 | 0.2 | 0.3 | 9.6 | 15.4 | 17.1 | 7.4 | 7.9 | 5.4 | 5.1 | 3.0 | 3.3 | 2.5 | 0.9 | 1.5 | 2.2 | 0.8 | 1.1 | 1.3 | 1.1 | 1.2 | 0.9 | 1.4 |
| 18 1120 | 0.29 | 0.005 | 0.3 | 0.7 | 3.3 | 18.3 | 11.5 | 9.7 | 5.1 | 8.6 | 5.7 | 5.5 | 2.5 | 4.4 | 2.3 | 1.8 | 2.1 | 1.1 | 1.4 | 0.9 | 1.0 | 1.5 | 1.4 | 0.9 |
| 18 1420 | 0.25 | 0.004 | 0.4 | 0.6 | 4.2 | 32.1 | 7.9 | 6.7 | 5.6 | 4.6 | 2.1 | 1.7 | 2.8 | 2.8 | 2.3 | 1.7 | 1.3 | 1.3 | 1.1 | 1.6 | 1.4 | 1.1 | 1.0 | 2.6 |
| 18 1720 | 0.25 | 0.004 | 0.4 | 0.3 | 4.4 | 18.5 | 6.4 | 4.8 | 3.8 | 7.3 | 4.6 | 4.1 | 3.2 | 2.6 | 3.1 | 3.5 | 2.1 | 2.0 | 1.5 | 1.5 | 1.7 | 1.9 | 1.1 | 1.2 |
| 18 2020 | 0.29 | 0.005 | 0.4 | 0.8 | 5.4 | 16.5 | 17.4 | 6.6 | 4.8 | 6.9 | 6.0 | 2.3 | 1.7 | 1.5 | 1.1 | 2.2 | 1.3 | 1.0 | 1.7 | 1.1 | 1.9 | 1.8 | 1.7 | 1.3 |
| 19 520 | 0.21 | 0.003 | 0.7 | 0.7 | 3.8 | 14.5 | 10.8 | 5.5 | 7.2 | 5.2 | 5.1 | 1.6 | 1.5 | 2.2 | 3.1 | 1.4 | 1.7 | 2.1 | 2.3 | 2.0 | 2.2 | 1.7 | 2.3 | 2.1 |
| 19 820 | 0.24 | 0.004 | 0.3 | 0.4 | 1.4 | 10.0 | 9.6 | 10.3 | 7.1 | 6.6 | 8.0 | 2.5 | 2.2 | 2.4 | 2.8 | 2.0 | 1.6 | 2.0 | 1.3 | 3.1 | 1.8 | 2.1 | 2.3 | 2.0 |
| 19 1120 | 0.26 | 0.004 | 0.4 | 0.5 | 2.6 | 10.4 | 8.5 | 9.1 | 5.1 | 8.0 | 11.5 | 6.6 | 4.2 | 3.3 | 3.9 | 2.3 | 1.8 | 1.3 | 1.0 | 1.2 | 1.5 | 1.0 | 1.0 | 1.3 |
| 19 1420 | 0.21 | 0.003 | 0.6 | 0.4 | 3.6 | 9.1 | 8.6 | 6.7 | 5.9 | 3.6 | 3.2 | 3.8 | 3.8 | 3.6 | 3.7 | 2.7 | 2.1 | 3.2 | 2.5 | 2.4 | 2.8 | 2.5 | 1.1 | 2.7 |
| 19 1720 | 0.21 | 0.003 | 0.5 | 0.3 | 1.9 | 9.4 | 3.6 | 5.8 | 4.9 | 3.0 | 7.6 | 3.2 | 4.3 | 1.6 | 3.0 | 2.4 | 3.7 | 1.0 | 3.5 | 1.3 | 2.9 | 4.0 | 2.1 | 1.9 |
| 19 2020 | 0.25 | 0.004 | 0.4 | 0.4 | 4.2 | 7.9 | 6.3 | 7.4 | 5.0 | 9.2 | 4.9 | 4.2 | 3.0 | 3.8 | 3.6 | 2.8 | 5.1 | 1.3 | 1.6 | 3.0 | 1.2 | 1.6 | 2.0 | 2.3 |
| 19 2320 | 0.28 | 0.005 | 0.3 | 0.7 | 2.0 | 8.7 | 5.9 | 4.3 | 5.5 | 10.2 | 11.7 | 8.6 | 7.1 | 7.2 | 5.1 | 2.3 | 1.8 | 1.0 | 0.8 | 1.4 | 1.7 | 1.9 | 1.0 | 1.5 |
| 20 220 | 0.23 | 0.003 | 0.4 | 0.5 | 2.3 | 6.1 | 6.9 | 5.8 | 3.8 | 9.4 | 7.8 | 9.1 | 9.6 | 4.1 | 3.7 | 2.4 | 3.7 | 2.0 | 2.7 | 2.5 | 1.1 | 1.4 | 1.2 | 1.1 |
| 20 520 | 0.19 | 0.002 | 0.6 | 0.4 | 1.2 | 2.7 | 5.6 | 7.2 | 8.7 | 12.4 | 9.9 | 9.2 | 7.1 | 3.5 | 3.3 | 2.7 | 1.9 | 1.5 | 2.0 | 1.4 | 1.9 | 1.0 | 2.9 | 1.2 |
| 20 1120 | 0.68 | 0.029 | 0.1 | 0.1 | 0.1 | 0.7 | 0.6 | 2.9 | 6.4 | 11.1 | 10.2 | 10.9 | 12.2 | 8.5 | 7.1 | 4.6 | 4.4 | 4.2 | 1.7 | 3.1 | 1.7 | 1.4 | 1.0 | 0.9 |
| 20 1420 | 0.64 | 0.026 | 0.2 | 0.1 | 0.2 | 0.6 | 1.1 | 5.5 | 7.6 | 6.9 | 3.3 | 3.4 | 5.0 | 5.1 | 7.5 | 7.4 | 12.9 | 9.4 | 4.2 | 5.6 | 2.8 | 1.2 | 2.8 | 1.0 |
| 20 1720 | 0.78 | 0.038 | 0.3 | 0.1 | 0.1 | 0.4 | 0.6 | 3.1 | 4.6 | 7.5 | 15.9 | 12.6 | 16.8 | 7.0 | 4.4 | 5.5 | 4.6 | 1.5 | 3.1 | 2.7 | 2.1 | 2.2 | 1.2 | 0.6 |
| 20 2020 | 1.27 | 0.101 | 0.1 | 0.1 | 0.1 | 1.1 | 23.2 | 12.8 | 12.5 | 7.4 | 9.6 | 6.2 | 6.3 | 5.6 | 2.6 | 2.4 | 1.9 | 2.5 | 1.0 | 0.8 | 1.0 | 0.8 | 0.3 | 0.5 |
| 20 2320 | 1.06 | 0.079 | 0.1 | 0.0 | 0.2 | 5.4 | 19.7 | 22.1 | 8.6 | 5.7 | 5.0 | 8.1 | 3.8 | 4.3 | 3.3 | 1.2 | 2.1 | 2.0 | 0.9 | 1.7 | 0.9 | 1.1 | 0.8 | 1.1 |
| 21 220 | 0.73 | 0.033 | 0.1 | 0.2 | 0.2 | 10.2 | 8.9 | 9.9 | 5.2 | 7.3 | 2.9 | 5.1 | 6.7 | 6.5 | 5.2 | 4.1 | 5.7 | 4.8 | 2.0 | 2.8 | 1.5 | 2.9 | 1.9 | 1.1 |

KODIAK, ALASKA GAGE C12: INNER BUOY
NOV 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 520 | 0.54 | 0.018 | 0.2 | 0.1 | 0.3 | 6.6 | 11.4 | 6.4 | 3.7 | 3.3 | 3.9 | 4.6 | 4.5 | 3.5 | 4.3 | 3.2 | 4.1 | 7.7 | 4.6 | 3.2 | 4.5 | 2.0 | 3.6 | 3.3 |
| 21 820 | 0.65 | 0.026 | 0.1 | 0.1 | 0.4 | 1.0 | 10.9 | 10.4 | 8.2 | 7.8 | 4.1 | 6.2 | 12.2 | 5.1 | 6.4 | 5.6 | 3.0 | 2.9 | 1.7 | 2.2 | 2.3 | 1.2 | 1.3 | 1.7 |
| 21 1120 | 0.82 | 0.041 | 0.1 | 0.4 | 0.5 | 0.7 | 8.6 | 17.1 | 7.7 | 10.0 | 6.8 | 5.9 | 6.2 | 6.1 | 6.4 | 2.3 | 4.9 | 3.5 | 1.5 | 2.2 | 1.6 | 1.1 | 1.6 | 0.7 |
| 21 1420 | 0.59 | 0.022 | 0.1 | 1.0 | 0.6 | 2.7 | 11.8 | 15.2 | 10.3 | 7.3 | 10.9 | 2.6 | 7.1 | 8.4 | 4.1 | 3.6 | 3.6 | 2.0 | 2.5 | 1.2 | 0.7 | 0.7 | 0.5 | 0.7 |
| 21 1720 | 0.46 | 0.013 | 0.1 | 0.8 | 0.8 | 4.4 | 17.2 | 11.4 | 14.0 | 8.0 | 9.3 | 8.5 | 3.7 | 2.6 | 1.5 | 1.1 | 1.2 | 1.1 | 1.0 | 1.5 | 1.8 | 1.0 | 1.9 | 1.0 |
| 21 2020 | 0.54 | 0.018 | 0.1 | 0.7 | 0.8 | 2.7 | 23.0 | 9.2 | 11.6 | 9.7 | 7.7 | 8.5 | 7.2 | 3.2 | 3.3 | 2.5 | 1.6 | 1.3 | 1.6 | 1.0 | 0.5 | 0.3 | 0.3 | 0.4 |
| 21 2320 | 0.63 | 0.025 | 0.1 | 0.9 | 0.9 | 5.4 | 6.9 | 17.7 | 21.8 | 6.5 | 6.7 | 5.6 | 5.8 | 2.7 | 1.7 | 2.0 | 0.9 | 1.8 | 1.0 | 1.5 | 1.5 | 1.3 | 0.9 | 1.0 |
| 22 220 | 0.54 | 0.018 | 0.1 | 1.1 | 0.7 | 8.2 | 18.6 | 16.9 | 13.1 | 9.0 | 8.6 | 7.1 | 2.5 | 1.5 | 1.9 | 1.5 | 2.1 | 0.8 | 0.8 | 0.9 | 0.5 | 0.6 | 0.5 | 0.3 |
| 22 820 | 0.32 | 0.007 | 0.3 | 1.4 | 1.9 | 9.4 | 15.0 | 12.9 | 8.0 | 5.8 | 5.3 | 5.4 | 3.2 | 1.0 | 2.1 | 1.9 | 1.9 | 2.6 | 2.6 | 1.6 | 1.1 | 1.3 | 1.9 | 1.8 |
| 22 1120 | 0.65 | 0.026 | 0.1 | 0.2 | 1.1 | 7.2 | 15.3 | 18.2 | 10.1 | 5.1 | 6.4 | 7.2 | 3.7 | 4.9 | 5.5 | 3.3 | 2.0 | 1.9 | 1.7 | 0.7 | 1.1 | 1.1 | 0.6 | 0.2 |
| 22 1420 | 0.53 | 0.018 | 0.2 | 1.0 | 2.8 | 6.8 | 14.7 | 12.1 | 7.3 | 9.3 | 6.9 | 6.4 | 9.4 | 3.5 | 2.4 | 2.8 | 1.8 | 1.0 | 1.2 | 1.3 | 1.5 | 1.1 | 1.0 | 1.1 |
| 22 1720 | 0.44 | 0.012 | 0.1 | 0.8 | 4.8 | 14.8 | 6.9 | 6.9 | 12.3 | 6.2 | 7.8 | 3.8 | 5.3 | 1.8 | 3.9 | 1.7 | 1.1 | 2.5 | 2.5 | 3.6 | 2.4 | 3.5 | 2.0 | 1.7 |
| 22 2020 | 0.43 | 0.011 | 0.1 | 0.4 | 3.4 | 8.7 | 18.0 | 10.4 | 10.5 | 5.8 | 7.7 | 7.8 | 4.7 | 4.1 | 4.8 | 2.6 | 0.9 | 1.5 | 0.8 | 1.3 | 1.5 | 0.8 | 1.0 | 0.3 |
| 22 2320 | 0.58 | 0.021 | 0.2 | 0.5 | 6.1 | 7.3 | 18.4 | 14.1 | 10.7 | 14.9 | 4.5 | 4.8 | 2.3 | 2.4 | 1.2 | 0.8 | 0.5 | 0.4 | 0.6 | 0.6 | 0.6 | 0.4 | 0.5 | 0.5 |
| 23 220 | 0.44 | 0.012 | 0.2 | 0.6 | 13.1 | 11.5 | 15.9 | 14.0 | 9.8 | 5.9 | 5.3 | 4.2 | 1.0 | 0.9 | 1.7 | 0.9 | 1.1 | 0.7 | 0.6 | 0.3 | 0.5 | 1.0 | 0.5 | 0.3 |
| 23 520 | 0.26 | 0.004 | 0.4 | 1.4 | 5.7 | 15.8 | 22.0 | 11.5 | 4.3 | 2.3 | 2.9 | 1.9 | 1.7 | 1.1 | 1.4 | 1.1 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 | 0.9 | 0.6 |
| 23 820 | 0.25 | 0.004 | 0.6 | 1.6 | 4.3 | 14.2 | 18.7 | 12.8 | 4.4 | 1.8 | 2.9 | 2.6 | 1.9 | 0.8 | 1.1 | 1.4 | 1.3 | 0.5 | 0.8 | 0.7 | 0.7 | 0.4 | 0.8 | 0.7 |
| 23 1120 | 0.39 | 0.009 | 0.5 | 1.0 | 1.7 | 6.0 | 10.1 | 7.4 | 3.9 | 3.3 | 0.9 | 0.9 | 0.7 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 | 0.6 | 2.0 | 3.3 | 6.9 | 8.6 | 16.6 |
| 23 1420 | 0.29 | 0.005 | 0.3 | 2.0 | 9.6 | 16.9 | 10.3 | 8.6 | 3.8 | 3.4 | 2.6 | 1.3 | 0.7 | 0.8 | 1.0 | 0.7 | 0.5 | 0.6 | 0.3 | 0.4 | 0.7 | 1.5 | 1.9 | 3.1 |
| 23 1720 | 0.25 | 0.004 | 0.8 | 2.3 | 5.4 | 13.7 | 7.7 | 4.1 | 1.9 | 1.9 | 2.0 | 2.0 | 1.2 | 1.1 | 0.7 | 0.8 | 0.7 | 0.8 | 1.2 | 1.0 | 1.7 | 1.3 | 2.8 | 4.2 |
| 23 2020 | 0.22 | 0.003 | 0.5 | 3.4 | 3.5 | 28.9 | 12.2 | 2.6 | 2.1 | 2.9 | 4.9 | 2.9 | 1.5 | 1.3 | 1.2 | 0.9 | 0.4 | 0.4 | 1.0 | 0.8 | 0.3 | 0.7 | 0.5 | 0.9 |
| 23 2320 | 0.35 | 0.007 | 0.5 | 0.9 | 5.4 | 6.1 | 5.1 | 2.0 | 0.8 | 1.7 | 1.4 | 1.1 | 0.6 | 0.5 | 0.3 | 0.4 | 0.6 | 1.0 | 2.8 | 4.2 | 9.6 | 4.5 | 9.4 | 6.4 |
| 24 220 | 0.26 | 0.004 | 0.6 | 1.9 | 7.5 | 7.8 | 13.1 | 3.0 | 1.9 | 1.3 | 1.5 | 1.2 | 0.8 | 0.6 | 1.2 | 0.6 | 0.7 | 1.0 | 1.0 | 1.4 | 1.8 | 8.6 | 3.4 | 5.1 |
| 24 520 | 0.18 | 0.002 | 0.8 | 1.1 | 4.5 | 25.8 | 5.9 | 2.3 | 1.3 | 2.0 | 1.7 | 1.1 | 0.7 | 0.5 | 0.8 | 0.8 | 0.8 | 0.6 | 0.7 | 1.2 | 1.1 | 3.3 | 4.3 | 7.4 |
| 24 820 | 0.17 | 0.002 | 2.3 | 1.7 | 3.1 | 4.3 | 10.7 | 1.8 | 1.3 | 1.9 | 1.8 | 1.2 | 0.8 | 0.7 | 1.0 | 0.7 | 1.1 | 0.9 | 0.6 | 1.5 | 1.2 | 1.5 | 1.0 | 3.4 |
| 24 1120 | 0.19 | 0.002 | 0.9 | 2.0 | 3.7 | 16.1 | 8.5 | 5.3 | 1.9 | 1.6 | 1.6 | 2.0 | 0.6 | 0.6 | 0.4 | 1.0 | 0.7 | 0.8 | 0.6 | 0.7 | 0.7 | 1.3 | 1.1 | 3.2 |
| 24 1420 | 0.16 | 0.002 | 1.0 | 1.8 | 7.0 | 9.6 | 14.4 | 7.8 | 7.3 | 3.0 | 4.4 | 2.1 | 3.1 | 1.5 | 1.5 | 1.7 | 2.3 | 1.1 | 1.3 | 1.3 | 1.0 | 1.7 | 1.3 | 2.0 |
| 24 1720 | 0.16 | 0.002 | 0.5 | 3.0 | 5.4 | 6.7 | 6.4 | 4.8 | 6.6 | 6.7 | 6.1 | 6.4 | 2.6 | 2.6 | 1.4 | 2.3 | 1.3 | 0.9 | 0.8 | 1.6 | 1.2 | 1.6 | 1.6 | 3.4 |
| 24 2020 | 0.14 | 0.001 | 1.1 | 3.7 | 6.4 | 11.5 | 7.2 | 5.6 | 6.7 | 5.9 | 6.0 | 3.4 | 6.0 | 3.6 | 2.4 | 3.1 | 2.2 | 1.5 | 1.4 | 1.8 | 1.0 | 1.7 | 1.1 | 0.9 |
| 24 2320 | 0.16 | 0.001 | 1.1 | 2.5 | 6.1 | 8.1 | 11.4 | 12.0 | 3.4 | 6.6 | 3.4 | 4.8 | 5.3 | 4.1 | 3.1 | 3.0 | 2.1 | 2.8 | 1.7 | 1.9 | 1.2 | 0.8 | 0.9 | 0.8 |
| 25 220 | 0.16 | 0.001 | 0.8 | 4.1 | 11.7 | 5.5 | 7.0 | 6.8 | 6.1 | 4.9 | 6.1 | 3.9 | 5.4 | 1.9 | 1.9 | 2.5 | 2.2 | 2.5 | 3.2 | 1.7 | 1.5 | 1.9 | 1.9 | 1.1 |
| 25 520 | 0.30 | 0.006 | 0.3 | 0.6 | 1.8 | 1.1 | 0.6 | 1.1 | 2.0 | 2.1 | 2.3 | 1.5 | 1.3 | 1.9 | 3.3 | 1.7 | 4.4 | 5.8 | 15.1 | 8.0 | 9.4 | 10.8 | 4.8 | 3.5 |
| 25 820 | 0.47 | 0.014 | 0.2 | 0.2 | 0.5 | 0.3 | 0.2 | 0.2 | 0.7 | 2.5 | 3.2 | 6.5 | 2.1 | 7.8 | 7.3 | 8.7 | 11.1 | 5.9 | 7.7 | 7.1 | 5.9 | 3.1 | 3.5 | 3.0 |
| 25 1120 | 0.55 | 0.019 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.7 | 3.6 | 10.4 | 3.3 | 6.7 | 7.3 | 12.0 | 7.8 | 8.3 | 5.3 | 7.4 | 5.0 | 4.0 | 1.5 | 2.3 | 3.0 | 2.3 |
| 25 1420 | 1.06 | 0.071 | 0.1 | 0.1 | 0.3 | 0.2 | 0.7 | 6.0 | 17.0 | 19.7 | 8.3 | 11.0 | 6.4 | 4.5 | 6.4 | 4.8 | 2.0 | 1.6 | 2.2 | 1.5 | 2.1 | 1.3 | 1.0 | 0.9 |
| 25 1720 | 1.21 | 0.091 | 0.1 | 0.7 | 0.3 | 0.3 | 9.1 | 9.9 | 18.1 | 14.2 | 9.4 | 4.2 | 6.8 | 5.3 | 6.5 | 4.8 | 2.5 | 1.4 | 1.1 | 1.2 | 0.6 | 0.6 | 0.6 | 0.7 |
| 25 2020 | 1.21 | 0.092 | 0.1 | 0.2 | 0.4 | 3.4 | 13.7 | 17.6 | 10.7 | 10.7 | 9.0 | 5.0 | 8.1 | 5.9 | 3.3 | 2.0 | 1.0 | 2.1 | 1.3 | 1.9 | 0.5 | 0.7 | 0.4 | 0.5 |
| 25 2320 | 1.21 | 0.091 | 0.1 | 0.1 | 0.3 | 3.9 | 24.8 | 13.3 | 6.6 | 10.4 | 3.0 | 9.8 | 7.6 | 3.6 | 4.3 | 3.4 | 1.9 | 1.5 | 0.7 | 1.1 | 0.5 | 0.8 | 0.3 | 0.4 |
| 26 220 | 0.85 | 0.046 | 0.1 | 0.1 | 1.9 | 4.7 | 13.8 | 14.5 | 6.0 | 10.1 | 8.2 | 10.0 | 4.9 | 6.8 | 4.0 | 2.1 | 1.9 | 1.9 | 2.4 | 2.3 | 0.8 | 0.7 | 0.8 | 0.4 |
| 26 520 | 0.53 | 0.018 | 0.1 | 0.5 | 1.7 | 9.5 | 16.5 | 17.4 | 6.8 | 5.3 | 8.6 | 6.6 | 5.0 | 4.1 | 2.0 | 2.1 | 1.4 | 1.7 | 2.4 | 1.9 | 0.9 | 0.8 | 0.7 | 0.9 |
| 26 1120 | 0.39 | 0.010 | 0.2 | 0.9 | 1.4 | 5.6 | 10.4 | 17.7 | 16.0 | 7.2 | 9.5 | 4.7 | 4.2 | 4.4 | 2.3 | 1.5 | 1.9 | 1.0 | 1.2 | 1.0 | 1.5 | 1.4 | 1.1 | 0.4 |
| 26 1420 | 0.56 | 0.020 | 0.1 | 0.3 | 0.5 | 2.6 | 11.4 | 24.2 | 11.6 | 4.4 | 8.0 | 8.7 | 5.9 | 4.6 | 4.2 | 2.3 | 1.7 | 1.9 | 1.1 | 1.4 | 1.2 | 0.5 | 0.7 | 0.4 |
| 26 1720 | 0.66 | 0.027 | 0.1 | 0.2 | 1.2 | 2.4 | 6.6 | 11.1 | 16.7 | 8.4 | 5.5 | 5.4 | 6.1 | 4.5 | 4.6 | 4.1 | 3.7 | 3.0 | 3.2 | 3.0 | 1.8 | 1.8 | 1.5 | 0.5 |
| 26 2020 | 0.47 | 0.014 | 0.1 | 0.6 | 1.4 | 2.7 | 8.5 | 8.1 | 9.3 | 10.2 | 11.0 | 11.0 | 5.5 | 7.5 | 3.6 | 4.0 | 2.4 | 1.6 | 2.4 | 1.7 | 1.4 | 1.2 | 0.9 | 0.9 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
NOV 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 2320 | 0.47 | 0.014 | 0.1 | 0.3 | 1.6 | 3.7 | 5.0 | 12.2 | 9.9 | 9.1 | 8.9 | 4.7 | 5.3 | 3.5 | 5.0 | 4.1 | 2.8 | 3.0 | 3.7 | 4.7 | 1.7 | 2.1 | 2.1 | 0.6 |
| 27 220 | 0.48 | 0.015 | 0.1 | 0.2 | 2.1 | 2.9 | 4.7 | 10.6 | 15.2 | 10.1 | 4.0 | 6.7 | 6.1 | 3.8 | 4.0 | 4.5 | 4.0 | 4.0 | 2.2 | 3.4 | 2.0 | 2.2 | 1.3 | 0.9 |
| 27 520 | 0.48 | 0.015 | 0.1 | 0.1 | 1.4 | 3.7 | 5.2 | 23.9 | 15.8 | 6.0 | 5.6 | 9.8 | 3.8 | 3.7 | 3.2 | 2.1 | 3.1 | 2.3 | 1.6 | 1.3 | 2.0 | 0.6 | 1.0 | 0.6 |
| 27 820 | 0.34 | 0.007 | 0.3 | 0.5 | 2.5 | 5.3 | 12.8 | 5.8 | 10.9 | 17.8 | 11.9 | 5.9 | 7.6 | 3.1 | 1.4 | 2.2 | 1.7 | 1.7 | 1.6 | 1.1 | 0.6 | 0.5 | 0.7 | 0.7 |
| 27 1120 | 0.33 | 0.007 | 0.2 | 0.4 | 3.7 | 6.5 | 16.0 | 15.7 | 11.1 | 6.2 | 15.0 | 3.2 | 4.9 | 2.6 | 2.1 | 1.5 | 1.8 | 1.4 | 0.6 | 1.0 | 0.8 | 0.9 | 0.5 | 0.5 |
| 27 1420 | 0.39 | 0.010 | 0.1 | 0.3 | 1.1 | 3.6 | 10.0 | 8.0 | 15.5 | 8.2 | 9.6 | 8.7 | 7.6 | 6.3 | 2.2 | 4.9 | 2.6 | 2.4 | 1.7 | 1.5 | 1.0 | 0.6 | 0.6 | 0.5 |
| 27 1720 | 0.46 | 0.013 | 0.1 | 0.2 | 1.4 | 4.9 | 8.7 | 23.7 | 14.9 | 7.9 | 8.0 | 5.8 | 3.8 | 5.1 | 2.5 | 2.4 | 1.3 | 2.1 | 1.1 | 0.7 | 0.8 | 0.6 | 0.6 | 0.4 |
| 27 2020 | 0.42 | 0.011 | 0.2 | 0.3 | 1.4 | 5.6 | 10.9 | 14.5 | 11.6 | 11.9 | 8.6 | 8.3 | 4.7 | 5.0 | 3.1 | 2.9 | 1.4 | 2.2 | 1.5 | 0.8 | 0.7 | 0.5 | 0.7 | 0.3 |
| 27 2320 | 0.35 | 0.008 | 0.2 | 0.2 | 1.6 | 7.1 | 14.4 | 11.1 | 16.2 | 5.8 | 7.6 | 11.0 | 5.0 | 4.2 | 3.1 | 2.2 | 1.9 | 1.3 | 0.8 | 0.7 | 0.7 | 0.5 | 0.7 | 0.7 |
| 28 220 | 0.68 | 0.029 | 0.3 | 0.1 | 0.8 | 1.0 | 6.7 | 6.7 | 7.9 | 3.1 | 3.6 | 6.5 | 7.6 | 13.5 | 9.8 | 5.2 | 5.6 | 3.0 | 5.9 | 2.4 | 2.1 | 1.5 | 1.4 | 1.4 |
| 28 520 | 1.03 | 0.067 | 0.1 | 0.1 | 0.2 | 0.9 | 1.8 | 2.4 | 12.0 | 19.8 | 10.5 | 11.3 | 8.8 | 6.8 | 2.8 | 5.5 | 4.0 | 2.7 | 2.1 | 1.3 | 1.4 | 0.7 | 1.4 | 1.0 |
| 28 820 | 1.29 | 0.103 | 0.1 | 0.2 | 0.1 | 0.4 | 14.6 | 15.8 | 12.4 | 19.5 | 7.8 | 4.8 | 7.3 | 3.1 | 4.1 | 2.0 | 1.6 | 1.3 | 1.0 | 0.7 | 0.8 | 0.5 | 0.3 | 0.3 |
| 28 1120 | 1.40 | 0.122 | 0.1 | 0.1 | 0.3 | 4.4 | 21.0 | 9.9 | 7.5 | 6.0 | 15.9 | 10.1 | 6.1 | 4.2 | 2.9 | 3.1 | 1.6 | 1.8 | 0.6 | 0.7 | 0.6 | 0.8 | 0.4 | 0.6 |
| 28 1420 | 1.65 | 0.170 | 0.1 | 0.1 | 1.6 | 25.1 | 9.7 | 8.5 | 8.1 | 8.8 | 10.4 | 7.3 | 3.8 | 5.4 | 3.3 | 1.9 | 0.8 | 1.4 | 0.8 | 0.6 | 0.4 | 0.2 | 0.6 | 0.2 |
| 28 1720 | 1.93 | 0.233 | 0.1 | 0.4 | 6.6 | 15.1 | 6.8 | 7.5 | 10.3 | 22.2 | 8.2 | 4.2 | 4.2 | 3.1 | 2.8 | 2.1 | 1.3 | 1.2 | 0.7 | 0.8 | 0.6 | 0.4 | 0.4 | 0.3 |
| 28 2020 | 1.85 | 0.215 | 0.3 | 0.3 | 6.9 | 12.4 | 5.4 | 9.1 | 13.1 | 19.8 | 8.7 | 5.8 | 6.4 | 2.8 | 2.5 | 1.7 | 0.9 | 1.5 | 0.3 | 0.6 | 0.3 | 0.2 | 0.1 | 0.2 |
| 28 2320 | 1.45 | 0.131 | 0.1 | 0.6 | 7.1 | 7.2 | 10.5 | 7.9 | 15.9 | 11.9 | 8.0 | 7.0 | 5.7 | 5.7 | 3.3 | 2.4 | 1.4 | 1.1 | 0.9 | 0.9 | 0.4 | 0.5 | 0.4 | 0.1 |
| 29 220 | 1.43 | 0.127 | 0.2 | 0.5 | 10.6 | 10.8 | 10.3 | 6.6 | 10.2 | 11.2 | 7.2 | 9.7 | 4.0 | 5.2 | 3.9 | 2.1 | 1.7 | 1.4 | 0.9 | 0.8 | 0.4 | 0.5 | 0.3 | 0.3 |
| 29 520 | 1.60 | 0.161 | 0.2 | 0.3 | 7.0 | 14.7 | 8.2 | 14.1 | 8.6 | 11.6 | 6.7 | 7.7 | 6.4 | 3.8 | 2.1 | 3.4 | 0.9 | 0.8 | 0.6 | 0.7 | 0.4 | 0.4 | 0.4 | 0.2 |
| 29 820 | 1.71 | 0.183 | 0.1 | 0.4 | 7.3 | 11.5 | 7.8 | 10.1 | 7.6 | 12.4 | 13.7 | 9.6 | 5.4 | 3.9 | 2.4 | 1.5 | 2.2 | 0.3 | 0.5 | 0.6 | 0.5 | 0.2 | 0.4 | 0.3 |
| 29 1120 | 1.31 | 0.108 | 0.1 | 0.6 | 11.3 | 16.8 | 11.3 | 7.2 | 5.7 | 8.5 | 5.2 | 6.0 | 4.9 | 7.5 | 4.2 | 2.0 | 1.6 | 1.1 | 1.8 | 1.0 | 0.7 | 0.7 | 0.2 | 0.4 |
| 29 1420 | 1.31 | 0.107 | 0.2 | 0.3 | 11.2 | 8.0 | 6.6 | 6.4 | 11.6 | 9.7 | 10.0 | 7.8 | 9.6 | 3.4 | 4.7 | 2.3 | 2.3 | 1.1 | 1.0 | 0.8 | 0.5 | 0.6 | 0.4 | 0.7 |
| 29 1720 | 1.73 | 0.186 | 0.1 | 0.2 | 15.0 | 11.7 | 8.2 | 8.5 | 8.8 | 12.1 | 9.3 | 8.5 | 3.8 | 4.1 | 3.0 | 1.5 | 1.5 | 0.4 | 0.6 | 0.8 | 0.4 | 0.4 | 0.4 | 0.1 |
| 29 2020 | 1.58 | 0.156 | 0.2 | 0.3 | 12.2 | 6.8 | 8.5 | 9.5 | 14.9 | 7.2 | 9.6 | 9.5 | 4.5 | 4.2 | 1.9 | 2.3 | 1.5 | 1.7 | 1.2 | 0.7 | 0.6 | 0.4 | 0.6 | 0.4 |
| 29 2320 | 1.49 | 0.139 | 0.2 | 0.3 | 5.5 | 9.7 | 11.0 | 10.7 | 6.6 | 9.3 | 13.8 | 8.8 | 5.4 | 4.9 | 2.7 | 1.4 | 1.5 | 1.4 | 1.4 | 1.0 | 1.2 | 1.0 | 0.6 | 0.6 |
| 30 220 | 1.46 | 0.134 | 0.1 | 0.3 | 7.1 | 7.7 | 10.1 | 8.4 | 10.7 | 6.1 | 11.2 | 8.9 | 8.8 | 7.4 | 3.9 | 1.8 | 1.1 | 1.2 | 0.9 | 1.3 | 0.8 | 0.3 | 0.3 | 0.3 |
| 30 520 | 1.37 | 0.117 | 0.2 | 0.3 | 7.8 | 11.0 | 8.4 | 5.9 | 7.3 | 17.8 | 8.0 | 7.4 | 8.3 | 5.3 | 2.8 | 1.7 | 2.2 | 0.8 | 0.8 | 0.9 | 0.6 | 0.5 | 0.4 | 0.4 |
| 30 820 | 1.20 | 0.089 | 0.1 | 0.3 | 9.7 | 14.3 | 7.1 | 7.3 | 9.2 | 13.6 | 12.4 | 5.0 | 4.9 | 5.0 | 2.6 | 2.1 | 1.5 | 0.9 | 0.8 | 0.3 | 0.3 | 0.6 | 0.2 | 0.6 |
| 30 1120 | 0.87 | 0.048 | 0.1 | 0.4 | 14.4 | 12.4 | 7.8 | 7.3 | 7.2 | 5.3 | 7.2 | 7.2 | 4.9 | 6.8 | 4.8 | 2.3 | 2.6 | 1.2 | 2.0 | 2.1 | 0.5 | 0.6 | 0.6 | 0.4 |
| 30 1420 | 0.82 | 0.042 | 0.1 | 0.2 | 13.6 | 18.0 | 4.6 | 3.6 | 12.2 | 7.6 | 6.0 | 7.2 | 4.1 | 5.5 | 3.7 | 2.7 | 2.1 | 1.1 | 1.5 | 1.6 | 0.6 | 1.1 | 0.6 | 0.5 |
| 30 1720 | 0.98 | 0.060 | 0.1 | 0.2 | 12.0 | 19.9 | 5.6 | 6.9 | 4.6 | 6.2 | 7.2 | 3.3 | 4.6 | 6.1 | 3.6 | 4.5 | 2.7 | 2.1 | 2.4 | 1.8 | 1.2 | 0.9 | 0.7 | 0.6 |
| 30 2020 | 1.30 | 0.106 | 0.1 | 0.2 | 5.1 | 17.2 | 5.5 | 5.0 | 6.9 | 11.1 | 11.2 | 6.5 | 8.7 | 3.9 | 2.6 | 2.4 | 3.2 | 2.2 | 0.9 | 1.2 | 0.9 | 0.9 | 1.1 | 0.5 |
| 30 2320 | 1.36 | 0.115 | 0.2 | 0.1 | 2.6 | 4.6 | 4.1 | 11.6 | 17.9 | 7.9 | 14.9 | 9.0 | 5.1 | 4.2 | 4.2 | 2.5 | 3.8 | 1.7 | 0.9 | 1.1 | 0.6 | 0.7 | 0.5 | 0.3 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
DEC 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.335 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 220 | 0.91 | 0.052 | 0.2 | 0.2 | 4.6 | 9.1 | 11.4 | 14.9 | 7.8 | 3.6 | 8.0 | 7.7 | 3.9 | 6.7 | 4.6 | 2.2 | 2.8 | 3.0 | 2.2 | 2.3 | 1.2 | 0.6 | 0.6 | 0.5 |
| 1 520 | 0.83 | 0.043 | 0.1 | 0.2 | 1.6 | 9.8 | 9.2 | 8.6 | 6.1 | 7.2 | 5.1 | 8.6 | 5.5 | 6.0 | 6.9 | 7.4 | 3.2 | 2.5 | 3.6 | 2.1 | 1.1 | 0.9 | 0.6 | 0.6 |
| 1 820 | 1.17 | 0.086 | 0.2 | 0.5 | 2.7 | 12.1 | 6.8 | 9.2 | 7.7 | 5.5 | 7.1 | 12.4 | 10.1 | 7.6 | 3.5 | 4.2 | 3.6 | 0.9 | 1.2 | 0.9 | 1.0 | 0.4 | 0.5 | 0.3 |
| 1 1120 | 1.00 | 0.063 | 0.1 | 4.9 | 2.6 | 11.8 | 6.3 | 8.7 | 6.0 | 5.2 | 9.5 | 9.3 | 7.9 | 3.5 | 7.3 | 4.3 | 2.3 | 1.9 | 1.6 | 1.3 | 1.3 | 1.5 | 0.5 | 0.6 |
| 1 1420 | 0.83 | 0.043 | 0.2 | 2.4 | 2.0 | 7.3 | 8.5 | 7.1 | 3.0 | 5.4 | 7.8 | 10.2 | 8.6 | 5.0 | 5.9 | 5.5 | 4.1 | 4.1 | 3.0 | 2.5 | 1.1 | 1.7 | 1.1 | 0.9 |
| 1 1720 | 0.95 | 0.056 | 0.1 | 0.5 | 0.9 | 8.3 | 9.2 | 6.7 | 8.8 | 7.4 | 8.1 | 9.9 | 5.7 | 9.5 | 5.3 | 5.5 | 2.1 | 2.5 | 2.4 | 1.9 | 0.7 | 1.0 | 1.0 | 0.4 |
| 1 2020 | 1.02 | 0.065 | 0.1 | 0.4 | 1.0 | 7.3 | 12.7 | 7.7 | 3.3 | 9.5 | 12.9 | 12.8 | 8.2 | 5.0 | 4.6 | 2.9 | 2.8 | 2.4 | 0.9 | 1.4 | 0.9 | 0.3 | 0.8 | 0.8 |
| 1 2320 | 0.71 | 0.031 | 0.3 | 1.4 | 2.1 | 9.9 | 10.9 | 15.6 | 12.5 | 13.8 | 5.9 | 3.2 | 2.3 | 3.9 | 3.8 | 2.2 | 2.6 | 2.2 | 1.3 | 1.0 | 0.9 | 0.9 | 0.5 | 0.4 |
| 2 520 | 0.48 | 0.015 | 0.1 | 0.2 | 1.0 | 19.5 | 14.3 | 16.3 | 7.4 | 3.3 | 7.4 | 5.2 | 2.9 | 2.6 | 2.7 | 2.5 | 2.3 | 2.6 | 2.5 | 1.2 | 1.3 | 1.2 | 0.5 | 0.4 |
| 2 820 | 0.54 | 0.018 | 0.1 | 0.1 | 1.5 | 17.8 | 12.7 | 19.6 | 6.1 | 4.2 | 8.3 | 6.6 | 4.3 | 2.4 | 2.8 | 1.2 | 2.3 | 2.2 | 1.2 | 1.2 | 0.6 | 1.0 | 0.6 | 0.4 |
| 2 1120 | 0.50 | 0.015 | 0.2 | 0.1 | 4.3 | 17.1 | 17.2 | 8.8 | 10.2 | 5.1 | 10.5 | 4.7 | 4.5 | 1.9 | 2.5 | 1.9 | 1.4 | 1.8 | 1.5 | 1.0 | 0.9 | 0.5 | 0.7 | 0.5 |
| 2 1420 | 0.38 | 0.009 | 0.1 | 0.1 | 2.6 | 25.2 | 12.2 | 17.6 | 4.1 | 8.2 | 4.8 | 3.0 | 2.9 | 1.7 | 2.7 | 1.3 | 2.8 | 1.5 | 2.1 | 0.8 | 1.2 | 1.0 | 0.6 | 0.5 |
| 2 1720 | 0.39 | 0.009 | 0.2 | 0.3 | 2.7 | 22.0 | 8.9 | 13.0 | 5.9 | 5.0 | 5.8 | 5.6 | 5.4 | 3.5 | 3.6 | 3.6 | 4.4 | 1.8 | 1.3 | 1.0 | 0.6 | 0.9 | 0.9 | 0.4 |
| 2 2020 | 0.47 | 0.014 | 0.1 | 0.1 | 3.2 | 22.0 | 22.7 | 11.0 | 5.1 | 6.4 | 5.5 | 3.4 | 2.9 | 1.4 | 2.5 | 2.6 | 2.5 | 1.2 | 1.2 | 0.9 | 0.7 | 0.9 | 0.7 | 0.4 |
| 2 2320 | 0.37 | 0.009 | 0.3 | 0.8 | 3.2 | 15.4 | 15.9 | 8.2 | 5.3 | 7.4 | 7.4 | 4.4 | 5.1 | 4.6 | 3.7 | 2.0 | 2.1 | 1.5 | 1.2 | 1.8 | 0.8 | 0.9 | 0.8 | 0.5 |
| 3 220 | 0.28 | 0.005 | 0.3 | 0.4 | 6.4 | 24.3 | 12.2 | 5.3 | 4.1 | 5.0 | 3.3 | 2.9 | 2.3 | 4.8 | 3.3 | 2.1 | 1.8 | 2.4 | 2.5 | 2.3 | 2.1 | 1.4 | 1.7 | 1.7 |
| 3 520 | 0.28 | 0.005 | 0.3 | 0.4 | 2.7 | 12.4 | 25.4 | 8.3 | 7.1 | 6.9 | 5.3 | 2.6 | 3.4 | 3.0 | 1.5 | 2.2 | 3.9 | 2.8 | 1.0 | 1.5 | 0.9 | 1.1 | 0.7 | 1.0 |
| 3 820 | 0.32 | 0.006 | 0.2 | 0.7 | 2.2 | 15.8 | 13.4 | 11.6 | 3.7 | 11.5 | 7.8 | 4.6 | 4.1 | 3.3 | 4.0 | 2.4 | 2.2 | 1.5 | 2.3 | 1.0 | 1.0 | 0.7 | 0.4 | 1.1 |
| 3 1120 | 0.29 | 0.005 | 0.3 | 1.0 | 1.8 | 7.3 | 20.8 | 9.0 | 4.3 | 11.2 | 10.8 | 8.5 | 3.5 | 3.3 | 3.0 | 1.8 | 1.1 | 1.3 | 1.2 | 1.1 | 0.9 | 0.8 | 0.9 | 0.4 |
| 3 1420 | 0.24 | 0.004 | 0.5 | 1.0 | 2.9 | 11.8 | 21.8 | 9.1 | 10.0 | 4.0 | 6.3 | 5.5 | 3.1 | 2.1 | 2.5 | 2.1 | 1.7 | 2.2 | 1.5 | 1.4 | 1.0 | 0.5 | 1.1 | 0.8 |
| 3 1720 | 0.23 | 0.003 | 0.5 | 0.5 | 1.8 | 24.6 | 20.5 | 6.7 | 6.7 | 4.8 | 4.4 | 4.2 | 3.6 | 3.3 | 2.3 | 2.4 | 1.1 | 1.9 | 0.8 | 0.6 | 0.8 | 0.6 | 0.5 | 0.4 |
| 3 2020 | 0.27 | 0.004 | 0.4 | 0.3 | 3.0 | 4.9 | 29.0 | 9.3 | 10.3 | 9.2 | 6.2 | 5.3 | 2.6 | 2.1 | 1.6 | 1.2 | 1.3 | 1.4 | 1.2 | 0.6 | 1.0 | 1.1 | 0.9 | 0.7 |
| 3 2320 | 0.28 | 0.005 | 0.3 | 0.8 | 3.6 | 2.3 | 18.1 | 11.4 | 8.2 | 13.5 | 7.8 | 4.7 | 6.1 | 3.7 | 2.1 | 2.2 | 0.9 | 1.7 | 1.6 | 1.1 | 0.6 | 0.6 | 0.8 | 0.9 |
| 4 220 | 0.25 | 0.004 | 0.3 | 0.3 | 4.1 | 4.4 | 13.9 | 2.8 | 5.2 | 7.0 | 5.7 | 13.0 | 11.3 | 5.3 | 2.1 | 3.4 | 1.7 | 2.2 | 1.6 | 1.2 | 1.7 | 1.0 | 0.9 | 1.7 |
| 4 520 | 0.29 | 0.005 | 0.3 | 0.2 | 1.9 | 1.3 | 4.7 | 2.1 | 1.7 | 3.7 | 5.7 | 5.9 | 7.7 | 4.8 | 3.9 | 3.0 | 4.6 | 5.1 | 7.1 | 6.2 | 3.3 | 4.1 | 5.0 | 3.7 |
| 4 820 | 0.32 | 0.006 | 0.3 | 0.2 | 1.1 | 5.0 | 4.3 | 4.1 | 4.3 | 9.0 | 9.8 | 17.8 | 11.9 | 5.1 | 6.8 | 2.7 | 2.9 | 1.7 | 1.9 | 2.1 | 1.1 | 0.8 | 0.8 | 1.2 |
| 4 1120 | 0.33 | 0.007 | 0.3 | 0.3 | 1.0 | 4.3 | 4.9 | 5.3 | 5.0 | 13.5 | 11.4 | 22.6 | 6.8 | 6.4 | 3.8 | 2.2 | 2.1 | 2.1 | 1.7 | 0.9 | 0.6 | 0.5 | 0.6 | 0.4 |
| 4 1420 | 0.28 | 0.005 | 0.2 | 0.4 | 2.0 | 6.9 | 5.7 | 9.1 | 5.7 | 13.9 | 10.6 | 7.8 | 6.2 | 5.6 | 3.8 | 3.5 | 1.5 | 1.2 | 1.2 | 0.8 | 1.0 | 1.5 | 1.0 | 2.3 |
| 4 1720 | 0.27 | 0.004 | 0.4 | 0.3 | 1.1 | 4.8 | 5.1 | 2.2 | 2.3 | 7.6 | 5.4 | 4.6 | 6.3 | 5.7 | 3.8 | 2.2 | 2.7 | 3.5 | 2.3 | 3.3 | 4.4 | 3.5 | 3.1 | 6.2 |
| 4 2020 | 0.28 | 0.005 | 0.5 | 0.4 | 2.4 | 2.2 | 4.5 | 7.2 | 7.4 | 12.8 | 9.2 | 7.3 | 3.4 | 5.8 | 3.6 | 3.0 | 1.2 | 2.3 | 1.8 | 2.0 | 2.3 | 2.1 | 2.1 | 3.6 |
| 5 220 | 0.27 | 0.005 | 0.6 | 0.6 | 1.6 | 1.7 | 3.1 | 4.5 | 4.3 | 11.6 | 6.2 | 5.3 | 4.2 | 15.1 | 4.9 | 3.7 | 2.5 | 4.6 | 5.3 | 6.4 | 1.4 | 1.3 | 1.6 | 1.6 |
| 5 520 | 0.17 | 0.002 | 1.0 | 0.5 | 1.3 | 3.0 | 3.3 | 4.6 | 7.8 | 8.9 | 5.4 | 6.7 | 4.1 | 2.2 | 1.6 | 1.2 | 2.0 | 2.7 | 4.9 | 6.4 | 6.4 | 1.8 | 2.3 | 1.9 |
| 5 820 | 0.23 | 0.003 | 0.4 | 0.5 | 1.5 | 3.6 | 2.4 | 3.1 | 3.7 | 1.9 | 3.3 | 6.1 | 4.7 | 4.0 | 4.9 | 2.8 | 2.4 | 2.0 | 1.3 | 2.4 | 3.4 | 3.7 | 4.0 | 4.1 |
| 5 1120 | 0.29 | 0.005 | 0.5 | 0.6 | 1.5 | 1.7 | 2.3 | 3.3 | 4.3 | 4.5 | 3.2 | 4.5 | 4.8 | 3.5 | 2.4 | 2.8 | 4.2 | 2.7 | 3.0 | 3.9 | 2.6 | 6.0 | 5.2 | 7.2 |
| 5 1420 | 0.26 | 0.004 | 0.4 | 0.8 | 1.2 | 2.7 | 3.3 | 3.7 | 6.2 | 8.9 | 4.1 | 4.4 | 6.5 | 3.3 | 2.3 | 2.3 | 1.9 | 4.8 | 2.9 | 4.4 | 3.6 | 5.0 | 6.7 | 3.7 |
| 5 1720 | 0.25 | 0.004 | 0.4 | 0.8 | 1.2 | 0.9 | 0.9 | 1.6 | 7.2 | 10.3 | 16.9 | 4.3 | 6.0 | 2.3 | 5.8 | 4.3 | 5.3 | 3.3 | 4.3 | 3.2 | 3.1 | 1.6 | 1.5 | 1.6 |
| 5 2020 | 0.36 | 0.008 | 0.3 | 0.6 | 0.4 | 1.0 | 0.9 | 1.2 | 1.6 | 5.3 | 3.3 | 2.6 | 3.7 | 3.3 | 5.3 | 8.4 | 11.9 | 12.1 | 13.4 | 4.0 | 4.7 | 3.8 | 2.6 | 1.8 |
| 6 220 | 0.39 | 0.009 | 0.2 | 1.3 | 0.9 | 0.3 | 1.4 | 9.3 | 8.0 | 15.7 | 5.3 | 5.8 | 7.0 | 4.4 | 3.7 | 4.6 | 7.4 | 2.8 | 3.1 | 3.2 | 2.0 | 1.5 | 2.6 | 1.3 |
| 6 520 | 0.26 | 0.005 | 0.3 | 0.3 | 0.7 | 0.3 | 0.6 | 3.6 | 4.2 | 3.8 | 2.7 | 5.3 | 2.6 | 3.4 | 3.6 | 4.8 | 10.0 | 10.5 | 9.2 | 5.3 | 4.2 | 3.3 | 3.3 | 2.6 |
| 6 820 | 0.37 | 0.009 | 0.2 | 0.4 | 1.0 | 0.3 | 0.6 | 1.1 | 3.8 | 6.3 | 7.2 | 7.5 | 9.7 | 8.9 | 5.2 | 5.0 | 5.6 | 4.6 | 6.0 | 3.4 | 4.6 | 3.3 | 2.0 | 2.0 |
| 6 1120 | 0.48 | 0.014 | 0.1 | 0.3 | 0.5 | 0.7 | 2.6 | 8.3 | 5.1 | 20.0 | 12.0 | 10.1 | 4.9 | 6.0 | 4.5 | 2.9 | 2.8 | 5.1 | 2.8 | 2.0 | 1.7 | 0.9 | 1.5 | 1.5 |
| 6 1420 | 0.53 | 0.017 | 0.1 | 0.2 | 0.3 | 0.3 | 1.1 | 2.0 | 4.9 | 13.6 | 6.4 | 6.3 | 5.8 | 10.0 | 7.4 | 7.9 | 8.0 | 5.2 | 4.8 | 1.8 | 3.4 | 2.3 | 2.4 | 1.0 |
| 6 1720 | 0.39 | 0.009 | 0.2 | 0.3 | 0.6 | 0.3 | 1.3 | 1.6 | 3.1 | 12.4 | 7.6 | 4.9 | 7.5 | 7.0 | 4.0 | 8.3 | 5.5 | 4.8 | 4.6 | 4.2 | 2.5 | 5.0 | 2.5 | 2.3 |
| 6 2020 | 0.36 | 0.008 | 0.2 | 0.2 | 0.7 | 0.4 | 0.9 | 2.6 | 5.7 | 8.5 | 10.7 | 6.8 | 4.2 | 5.0 | 4.0 | 3.5 | 5.7 | 3.1 | 6.0 | 5.2 | 4.5 | 3.1 | 3.5 | 3.8 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
DEC 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 6 2320 | 0.45 | 0.013 | 0.2 | 0.4 | 1.0 | 0.9 | 1.7 | 4.0 | 10.2 | 11.9 | 9.7 | 9.9 | 6.8 | 8.3 | 6.2 | 4.6 | 3.5 | 3.9 | 3.7 | 2.0 | 2.0 | 0.7 | 1.3 | 1.1 |
| 7 220 | 0.52 | 0.017 | 0.1 | 0.3 | 0.5 | 0.4 | 1.3 | 7.3 | 18.4 | 12.5 | 10.2 | 6.2 | 7.6 | 6.7 | 7.3 | 5.4 | 4.5 | 1.5 | 1.7 | 1.3 | 1.4 | 0.5 | 0.8 | 0.6 |
| 7 520 | 0.42 | 0.011 | 0.1 | 0.6 | 2.1 | 0.3 | 1.7 | 6.6 | 21.8 | 12.6 | 11.9 | 8.5 | 9.6 | 3.2 | 1.9 | 2.8 | 2.7 | 1.8 | 1.5 | 1.7 | 1.4 | 1.5 | 0.8 | 1.2 |
| 7 1120 | 0.78 | 0.038 | 0.1 | 0.5 | 5.2 | 2.6 | 12.7 | 6.9 | 10.6 | 11.5 | 5.8 | 8.2 | 6.3 | 6.9 | 4.3 | 2.7 | 4.2 | 2.8 | 2.0 | 0.8 | 0.8 | 0.6 | 0.9 | 0.7 |
| 7 1420 | 0.90 | 0.050 | 0.1 | 1.2 | 14.3 | 4.8 | 4.5 | 10.0 | 11.4 | 9.7 | 9.8 | 6.8 | 5.7 | 3.4 | 5.6 | 3.1 | 2.0 | 0.9 | 1.3 | 1.5 | 0.6 | 0.6 | 0.5 | 0.2 |
| 7 1720 | 0.80 | 0.040 | 0.1 | 0.7 | 10.1 | 5.6 | 17.9 | 7.5 | 14.2 | 4.2 | 5.5 | 6.5 | 5.1 | 3.6 | 2.8 | 3.0 | 1.7 | 2.1 | 1.8 | 2.3 | 1.1 | 0.5 | 0.8 | 0.4 |
| 7 2020 | 0.99 | 0.061 | 0.1 | 0.1 | 28.4 | 7.2 | 8.3 | 10.1 | 8.7 | 4.9 | 5.2 | 8.4 | 2.6 | 2.9 | 2.0 | 2.5 | 1.8 | 0.9 | 1.4 | 0.6 | 0.8 | 0.8 | 0.4 | 0.5 |
| 7 2320 | 1.20 | 0.090 | 0.1 | 0.2 | 10.2 | 7.7 | 14.5 | 14.7 | 8.8 | 7.1 | 9.6 | 8.0 | 5.7 | 2.3 | 2.4 | 1.5 | 1.0 | 1.2 | 0.7 | 0.7 | 0.6 | 0.8 | 0.4 | 0.3 |
| 8 220 | 1.14 | 0.082 | 0.1 | 0.2 | 16.2 | 10.7 | 8.9 | 11.1 | 8.4 | 7.4 | 7.0 | 4.3 | 5.8 | 3.5 | 2.9 | 2.3 | 1.6 | 1.8 | 1.3 | 1.2 | 0.6 | 0.7 | 0.3 | 0.4 |
| 8 520 | 0.88 | 0.048 | 2.3 | 1.0 | 8.0 | 7.2 | 9.0 | 8.6 | 8.9 | 12.6 | 7.4 | 5.8 | 5.1 | 5.4 | 5.4 | 3.3 | 2.7 | 1.3 | 1.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 |
| 8 820 | 0.80 | 0.040 | 0.1 | 0.2 | 5.8 | 10.7 | 8.4 | 8.4 | 6.4 | 5.7 | 5.9 | 6.4 | 5.4 | 4.8 | 6.6 | 4.3 | 4.7 | 4.1 | 2.4 | 1.8 | 1.3 | 1.4 | 0.9 | 0.6 |
| 8 1120 | 1.01 | 0.064 | 0.1 | 0.1 | 6.3 | 15.6 | 21.2 | 8.2 | 6.1 | 8.8 | 6.3 | 4.3 | 4.1 | 3.7 | 3.6 | 2.4 | 2.1 | 1.4 | 1.0 | 0.8 | 0.6 | 0.8 | 0.6 | 0.3 |
| 8 1420 | 1.21 | 0.092 | 0.1 | 0.2 | 13.1 | 14.8 | 6.0 | 6.5 | 8.4 | 10.3 | 8.6 | 6.9 | 5.0 | 3.6 | 3.0 | 3.6 | 2.3 | 2.7 | 1.0 | 0.9 | 0.7 | 0.7 | 0.5 | 0.3 |
| 8 1720 | 1.06 | 0.070 | 0.1 | 0.2 | 13.6 | 8.7 | 12.5 | 6.1 | 5.6 | 12.4 | 8.0 | 4.7 | 4.7 | 6.1 | 3.6 | 3.4 | 2.3 | 2.1 | 1.4 | 1.0 | 1.1 | 0.4 | 0.3 | 0.3 |
| 8 2020 | 1.02 | 0.065 | 0.1 | 0.1 | 11.9 | 15.6 | 12.2 | 12.2 | 7.2 | 7.1 | 6.7 | 3.3 | 4.7 | 3.3 | 3.6 | 3.6 | 1.8 | 1.4 | 1.4 | 1.1 | 0.5 | 0.3 | 0.3 | 0.2 |
| 8 2320 | 1.16 | 0.084 | 0.1 | 0.2 | 6.7 | 11.1 | 18.3 | 7.8 | 11.5 | 6.2 | 7.4 | 10.2 | 4.4 | 2.3 | 3.2 | 2.7 | 2.4 | 1.1 | 1.0 | 0.5 | 0.6 | 0.4 | 0.4 | 0.3 |
| 9 220 | 1.01 | 0.064 | 0.2 | 0.2 | 7.3 | 11.0 | 14.1 | 10.8 | 6.9 | 7.9 | 11.5 | 4.1 | 6.2 | 4.8 | 4.8 | 2.2 | 1.2 | 1.2 | 0.9 | 0.9 | 0.8 | 0.5 | 0.5 | 0.4 |
| 9 1120 | 0.78 | 0.038 | 0.1 | 0.2 | 1.5 | 24.0 | 15.7 | 7.7 | 11.1 | 9.4 | 5.7 | 4.9 | 2.0 | 2.6 | 2.0 | 2.4 | 2.9 | 1.8 | 1.5 | 0.9 | 0.7 | 1.0 | 0.4 | 0.4 |
| 9 1420 | 0.81 | 0.041 | 0.1 | 0.1 | 1.4 | 16.2 | 11.5 | 15.7 | 7.0 | 3.7 | 6.6 | 9.0 | 4.0 | 4.0 | 3.0 | 3.5 | 3.5 | 2.0 | 2.4 | 1.5 | 0.6 | 1.1 | 0.8 | 0.7 |
| 9 1720 | 0.65 | 0.026 | 0.1 | 0.2 | 0.8 | 13.3 | 13.6 | 15.4 | 10.9 | 7.4 | 8.6 | 6.7 | 4.9 | 1.9 | 1.9 | 2.8 | 1.6 | 2.3 | 1.8 | 1.2 | 1.1 | 0.6 | 0.5 | 0.3 |
| 9 2020 | 0.54 | 0.018 | 0.1 | 0.3 | 0.8 | 17.9 | 12.1 | 8.9 | 12.9 | 9.4 | 6.9 | 5.1 | 5.4 | 3.7 | 3.0 | 1.2 | 2.6 | 1.9 | 1.9 | 1.2 | 0.8 | 0.9 | 0.4 | 0.4 |
| 9 2320 | 0.59 | 0.021 | 0.1 | 0.3 | 1.4 | 9.3 | 16.5 | 12.9 | 12.2 | 9.7 | 6.8 | 6.3 | 4.0 | 4.4 | 3.6 | 2.4 | 1.5 | 1.5 | 1.2 | 1.3 | 0.8 | 1.0 | 0.7 | 0.2 |
| 10 220 | 0.58 | 0.021 | 0.2 | 0.3 | 4.7 | 8.1 | 14.5 | 15.2 | 12.5 | 8.9 | 5.7 | 6.3 | 2.6 | 3.5 | 3.1 | 2.4 | 3.4 | 1.5 | 1.1 | 1.0 | 1.1 | 0.8 | 0.5 | 0.7 |
| 10 520 | 0.52 | 0.017 | 0.1 | 0.1 | 2.8 | 16.6 | 9.5 | 9.3 | 11.3 | 12.7 | 7.9 | 5.7 | 5.1 | 1.9 | 2.3 | 2.0 | 2.5 | 1.1 | 2.0 | 1.2 | 0.7 | 0.9 | 1.2 | 0.6 |
| 10 820 | 0.41 | 0.010 | 0.1 | 0.2 | 1.1 | 17.1 | 17.4 | 11.0 | 9.3 | 5.1 | 4.3 | 7.0 | 6.6 | 2.3 | 1.5 | 2.5 | 1.7 | 1.8 | 1.6 | 1.7 | 1.3 | 1.2 | 1.2 | 0.5 |
| 10 1120 | 0.43 | 0.012 | 0.1 | 0.1 | 2.5 | 8.8 | 12.6 | 15.6 | 19.5 | 10.9 | 6.8 | 3.4 | 3.6 | 1.7 | 2.4 | 2.0 | 2.3 | 1.1 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| 10 1420 | 0.57 | 0.020 | 0.1 | 0.1 | 1.3 | 9.1 | 13.7 | 17.3 | 12.9 | 11.2 | 5.7 | 9.3 | 2.7 | 3.5 | 1.5 | 1.8 | 1.1 | 1.5 | 1.1 | 1.3 | 0.7 | 0.9 | 0.5 | 0.3 |
| 10 1720 | 0.46 | 0.013 | 0.1 | 0.2 | 1.4 | 9.3 | 23.8 | 15.3 | 8.1 | 5.8 | 8.9 | 4.7 | 5.1 | 2.1 | 2.0 | 1.7 | 2.6 | 1.4 | 1.4 | 1.1 | 0.9 | 0.6 | 0.6 | 0.3 |
| 10 2020 | 0.37 | 0.009 | 0.1 | 0.1 | 1.4 | 9.7 | 26.7 | 12.8 | 7.1 | 5.5 | 7.5 | 6.3 | 4.3 | 2.7 | 2.0 | 2.6 | 1.2 | 0.9 | 1.5 | 1.2 | 1.2 | 0.6 | 0.6 | 0.4 |
| 10 2320 | 0.45 | 0.013 | 0.1 | 0.3 | 0.7 | 5.1 | 23.0 | 8.9 | 17.6 | 6.5 | 5.3 | 7.0 | 2.7 | 4.4 | 2.9 | 1.5 | 3.2 | 1.8 | 1.5 | 1.7 | 0.6 | 0.6 | 0.7 | 0.5 |
| 11 220 | 0.50 | 0.016 | 0.2 | 0.1 | 1.1 | 4.1 | 35.1 | 15.3 | 18.1 | 7.7 | 3.2 | 2.9 | 2.3 | 2.4 | 0.9 | 1.2 | 0.7 | 0.6 | 0.4 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 |
| 11 520 | 0.40 | 0.010 | 0.2 | 0.6 | 1.2 | 5.3 | 29.4 | 19.7 | 9.5 | 7.9 | 2.0 | 4.7 | 3.8 | 4.0 | 1.7 | 1.3 | 1.7 | 0.9 | 0.8 | 0.6 | 0.7 | 0.5 | 0.5 | 0.4 |
| 11 820 | 0.32 | 0.006 | 0.1 | 0.3 | 1.4 | 6.7 | 17.8 | 19.1 | 11.0 | 7.9 | 5.3 | 3.5 | 4.0 | 3.6 | 3.0 | 1.8 | 1.9 | 2.1 | 1.2 | 1.0 | 1.0 | 0.9 | 1.0 | 0.8 |
| 11 1120 | 0.33 | 0.007 | 0.1 | 0.6 | 2.0 | 7.8 | 10.2 | 22.7 | 19.9 | 4.3 | 3.2 | 4.9 | 2.8 | 3.9 | 2.5 | 1.7 | 1.4 | 2.0 | 2.0 | 1.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| 11 1420 | 0.36 | 0.008 | 0.1 | 1.0 | 1.6 | 6.3 | 13.0 | 20.1 | 11.2 | 10.0 | 8.8 | 5.3 | 3.0 | 2.3 | 2.7 | 1.9 | 1.8 | 1.7 | 1.8 | 0.9 | 0.6 | 0.6 | 0.5 | 0.5 |
| 11 1720 | 0.36 | 0.008 | 0.2 | 0.7 | 1.8 | 4.2 | 20.1 | 10.8 | 11.1 | 11.5 | 9.1 | 5.8 | 4.5 | 2.5 | 2.1 | 3.0 | 1.7 | 1.4 | 1.4 | 1.1 | 0.8 | 0.3 | 0.5 | 0.6 |
| 11 2020 | 0.31 | 0.006 | 0.3 | 0.5 | 2.3 | 9.1 | 9.0 | 17.5 | 5.6 | 12.4 | 7.3 | 6.3 | 6.2 | 4.5 | 4.1 | 2.3 | 2.0 | 2.0 | 1.3 | 0.9 | 1.1 | 0.6 | 0.6 | 0.6 |
| 11 2320 | 0.29 | 0.005 | 0.2 | 0.4 | 1.5 | 7.4 | 8.4 | 19.7 | 18.7 | 4.6 | 5.1 | 5.4 | 3.8 | 3.2 | 2.1 | 3.3 | 3.4 | 1.6 | 1.9 | 1.2 | 1.6 | 0.6 | 1.1 | 0.3 |
| 12 220 | 0.35 | 0.008 | 0.1 | 1.4 | 1.0 | 6.7 | 9.3 | 20.7 | 20.2 | 9.4 | 6.1 | 4.2 | 3.4 | 2.7 | 2.4 | 2.1 | 1.6 | 1.5 | 0.9 | 1.1 | 0.7 | 0.5 | 0.3 | 0.3 |
| 12 520 | 0.31 | 0.006 | 0.2 | 0.9 | 1.6 | 8.5 | 13.4 | 16.3 | 10.4 | 8.1 | 6.9 | 8.3 | 7.2 | 4.2 | 1.6 | 1.4 | 1.0 | 1.2 | 0.8 | 1.0 | 0.7 | 0.7 | 0.4 | 0.5 |
| 12 820 | 0.25 | 0.004 | 0.2 | 2.8 | 1.7 | 10.6 | 10.3 | 12.0 | 14.9 | 8.1 | 7.6 | 4.3 | 3.5 | 4.2 | 2.2 | 2.5 | 1.2 | 2.1 | 1.2 | 1.2 | 0.4 | 0.7 | 0.6 | 0.4 |
| 12 1120 | 0.23 | 0.003 | 0.3 | 1.3 | 2.0 | 6.1 | 12.6 | 13.1 | 20.2 | 6.2 | 4.0 | 5.1 | 4.4 | 2.4 | 2.8 | 1.3 | 1.6 | 1.1 | 1.4 | 0.8 | 1.3 | 0.3 | 0.6 | 1.5 |
| 12 1420 | 0.27 | 0.005 | 0.3 | 3.3 | 2.5 | 6.2 | 16.2 | 7.6 | 15.5 | 8.8 | 7.4 | 5.6 | 5.6 | 3.3 | 2.3 | 2.9 | 1.4 | 1.1 | 1.3 | 0.6 | 0.6 | 0.8 | 0.6 | 0.3 |

KODIAK, ALASKA GAGE C12: INNER BUOY
DEC 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.434 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 1720 | 0.27 | 0.004 | 0.4 | 1.0 | 3.6 | 11.0 | 14.0 | 12.0 | 8.4 | 8.4 | 8.9 | 8.1 | 5.0 | 2.3 | 2.2 | 1.7 | 1.3 | 1.0 | 0.6 | 0.8 | 1.0 | 0.8 | 0.6 | 0.7 |
| 12 2020 | 0.26 | 0.004 | 0.3 | 1.5 | 3.9 | 16.5 | 10.0 | 11.2 | 10.0 | 8.7 | 5.7 | 3.3 | 5.2 | 2.8 | 2.4 | 0.9 | 1.8 | 1.8 | 0.8 | 0.7 | 1.3 | 0.6 | 0.8 | 0.5 |
| 12 2320 | 0.23 | 0.003 | 0.5 | 2.0 | 4.0 | 16.0 | 16.2 | 6.3 | 13.1 | 2.4 | 5.4 | 2.8 | 3.6 | 3.0 | 1.8 | 1.9 | 1.0 | 1.2 | 1.7 | 0.7 | 0.8 | 0.9 | 1.3 | 0.7 |
| 13 520 | 0.24 | 0.004 | 0.5 | 0.8 | 4.1 | 8.2 | 25.4 | 13.2 | 13.0 | 7.0 | 4.5 | 2.9 | 1.5 | 2.1 | 1.7 | 0.8 | 0.4 | 0.7 | 0.5 | 0.5 | 0.4 | 0.5 | 0.4 | 0.9 |
| 13 820 | 0.24 | 0.004 | 0.4 | 0.9 | 3.6 | 10.4 | 33.3 | 15.6 | 7.4 | 4.5 | 3.5 | 1.8 | 1.8 | 1.3 | 0.7 | 0.9 | 0.6 | 0.6 | 0.8 | 0.5 | 1.0 | 0.8 | 0.7 | 0.8 |
| 13 1120 | 0.25 | 0.004 | 0.4 | 2.0 | 3.9 | 10.1 | 34.8 | 18.4 | 5.4 | 2.4 | 2.9 | 2.1 | 2.1 | 1.0 | 1.0 | 0.6 | 0.7 | 0.8 | 0.9 | 0.4 | 1.0 | 0.8 | 0.6 | 0.5 |
| 13 1420 | 0.26 | 0.004 | 0.3 | 1.4 | 4.0 | 13.0 | 31.6 | 21.3 | 6.4 | 3.2 | 1.9 | 1.8 | 2.0 | 0.8 | 1.2 | 0.8 | 1.1 | 0.6 | 0.6 | 1.2 | 0.4 | 0.6 | 0.4 | 0.5 |
| 13 1720 | 0.30 | 0.006 | 0.3 | 1.0 | 2.1 | 9.3 | 43.2 | 13.2 | 3.7 | 5.5 | 3.4 | 3.1 | 1.3 | 1.3 | 1.3 | 1.2 | 0.9 | 0.7 | 0.6 | 0.8 | 0.5 | 0.4 | 0.3 | 0.8 |
| 13 2020 | 0.26 | 0.004 | 0.3 | 4.1 | 4.7 | 21.5 | 22.0 | 15.4 | 5.1 | 2.2 | 3.5 | 1.5 | 1.2 | 0.8 | 1.5 | 0.6 | 1.1 | 1.3 | 1.3 | 0.8 | 0.7 | 1.3 | 0.9 | 0.9 |
| 13 2320 | 0.25 | 0.004 | 0.4 | 0.9 | 5.6 | 14.8 | 8.3 | 13.4 | 3.7 | 2.3 | 1.9 | 1.7 | 1.2 | 0.9 | 0.5 | 0.5 | 1.2 | 10.3 | 4.7 | 1.9 | 0.8 | 1.5 | 2.0 | 3.7 |
| 14 520 | 0.25 | 0.004 | 0.5 | 0.8 | 23.8 | 33.6 | 10.4 | 5.1 | 3.6 | 2.6 | 1.5 | 1.5 | 1.4 | 1.1 | 0.4 | 0.8 | 0.9 | 1.4 | 0.5 | 0.6 | 1.2 | 0.7 | 1.0 | 0.7 |
| 14 820 | 0.23 | 0.003 | 0.3 | 0.7 | 8.2 | 34.1 | 16.6 | 6.1 | 3.3 | 3.5 | 4.0 | 1.1 | 1.7 | 1.5 | 1.5 | 1.2 | 0.9 | 1.1 | 0.5 | 1.0 | 0.3 | 0.9 | 1.2 | 0.9 |
| 14 1120 | 0.22 | 0.003 | 0.7 | 0.7 | 12.7 | 25.3 | 16.4 | 4.0 | 3.2 | 1.5 | 3.4 | 2.6 | 1.5 | 1.6 | 2.1 | 1.0 | 0.8 | 1.1 | 1.0 | 1.5 | 0.6 | 0.6 | 1.6 | 1.3 |
| 14 1420 | 0.21 | 0.003 | 0.4 | 0.8 | 8.7 | 26.4 | 17.5 | 7.5 | 2.8 | 4.9 | 3.2 | 1.7 | 1.2 | 1.8 | 2.6 | 1.6 | 1.5 | 1.3 | 1.0 | 1.3 | 0.8 | 0.6 | 0.8 | 1.1 |
| 14 1720 | 0.23 | 0.003 | 0.4 | 1.0 | 10.1 | 31.6 | 23.4 | 2.8 | 5.0 | 3.5 | 3.4 | 1.2 | 1.0 | 0.6 | 1.1 | 1.3 | 0.6 | 0.9 | 1.0 | 0.7 | 0.5 | 0.7 | 0.9 | 0.9 |
| 14 2020 | 0.23 | 0.003 | 0.4 | 0.8 | 14.6 | 34.4 | 15.4 | 4.6 | 2.0 | 2.4 | 3.0 | 1.7 | 2.1 | 1.2 | 1.0 | 0.8 | 1.6 | 0.6 | 0.7 | 1.0 | 0.8 | 1.0 | 0.8 | 0.8 |
| 14 2320 | 0.20 | 0.002 | 1.0 | 1.2 | 6.6 | 26.0 | 12.5 | 1.9 | 2.2 | 4.9 | 5.1 | 2.9 | 0.8 | 2.2 | 2.1 | 2.2 | 1.3 | 1.9 | 1.8 | 2.0 | 2.1 | 1.2 | 2.7 | 1.6 |
| 15 220 | 0.18 | 0.002 | 0.7 | 1.1 | 7.6 | 30.5 | 11.6 | 5.5 | 1.3 | 3.1 | 2.9 | 2.6 | 1.8 | 2.4 | 2.0 | 1.3 | 2.4 | 1.1 | 1.8 | 1.0 | 1.7 | 1.5 | 1.2 | 1.0 |
| 15 520 | 0.19 | 0.002 | 0.9 | 1.0 | 5.1 | 34.6 | 14.7 | 5.3 | 3.5 | 1.9 | 4.4 | 3.3 | 2.1 | 1.6 | 1.9 | 1.7 | 1.4 | 1.2 | 0.7 | 1.5 | 1.6 | 0.6 | 0.7 | 0.7 |
| 15 820 | 0.19 | 0.002 | 0.6 | 0.8 | 6.5 | 26.4 | 12.2 | 6.5 | 3.9 | 6.0 | 8.1 | 3.4 | 2.3 | 2.0 | 1.9 | 0.6 | 1.7 | 1.4 | 1.0 | 1.2 | 1.0 | 0.9 | 0.4 | 0.6 |
| 15 1120 | 0.17 | 0.002 | 0.6 | 1.2 | 7.0 | 13.0 | 11.5 | 8.1 | 2.5 | 3.0 | 5.3 | 4.6 | 4.5 | 3.6 | 3.8 | 2.1 | 2.1 | 2.2 | 1.3 | 0.9 | 2.6 | 1.2 | 1.7 | 1.7 |
| 15 1420 | 0.17 | 0.002 | 0.6 | 0.9 | 5.7 | 16.5 | 17.6 | 8.0 | 2.8 | 2.1 | 2.9 | 4.7 | 3.5 | 1.6 | 2.5 | 4.3 | 2.5 | 1.7 | 1.8 | 1.2 | 1.5 | 0.9 | 1.0 | 1.0 |
| 15 1720 | 0.19 | 0.002 | 0.9 | 1.2 | 6.3 | 11.3 | 26.0 | 11.8 | 6.7 | 3.4 | 3.8 | 3.7 | 2.7 | 2.3 | 1.2 | 1.2 | 1.2 | 1.5 | 1.7 | 0.8 | 0.8 | 1.0 | 1.0 | 0.6 |
| 15 2020 | 0.20 | 0.003 | 0.4 | 1.2 | 3.9 | 23.5 | 7.6 | 14.6 | 5.6 | 5.1 | 5.6 | 3.5 | 2.3 | 2.3 | 2.2 | 1.4 | 2.1 | 1.8 | 0.8 | 0.9 | 1.6 | 1.1 | 1.2 | 0.7 |
| 16 520 | 0.19 | 0.002 | 0.7 | 1.4 | 3.5 | 7.9 | 10.3 | 6.1 | 2.5 | 3.5 | 3.7 | 2.0 | 2.3 | 3.6 | 2.8 | 3.7 | 3.6 | 5.9 | 2.7 | 2.2 | 2.6 | 1.0 | 1.5 | 2.3 |
| 16 820 | 0.22 | 0.003 | 0.5 | 0.8 | 1.9 | 7.7 | 18.3 | 12.2 | 6.5 | 4.4 | 3.7 | 2.1 | 2.1 | 2.6 | 1.4 | 3.1 | 1.4 | 2.9 | 2.1 | 1.7 | 1.8 | 1.2 | 1.5 | 2.2 |
| 16 1120 | 0.19 | 0.002 | 0.5 | 1.7 | 3.1 | 10.0 | 12.8 | 7.7 | 3.8 | 6.3 | 4.1 | 5.4 | 2.8 | 2.0 | 2.5 | 2.0 | 2.7 | 2.4 | 2.0 | 1.7 | 1.4 | 2.5 | 1.8 | 1.3 |
| 16 1420 | 0.18 | 0.002 | 0.7 | 0.9 | 3.1 | 9.8 | 7.1 | 11.9 | 3.8 | 2.5 | 2.2 | 3.4 | 2.4 | 4.1 | 2.2 | 3.2 | 3.0 | 1.6 | 2.2 | 1.7 | 2.4 | 2.7 | 2.3 | 1.7 |
| 16 1720 | 0.21 | 0.003 | 0.5 | 0.9 | 2.0 | 5.7 | 12.0 | 10.9 | 1.9 | 2.0 | 3.9 | 2.8 | 2.6 | 3.4 | 4.3 | 2.2 | 2.8 | 2.6 | 2.8 | 3.3 | 2.3 | 3.5 | 2.0 | 2.1 |
| 17 220 | 0.18 | 0.002 | 0.7 | 1.2 | 1.8 | 6.4 | 7.9 | 10.8 | 2.1 | 1.7 | 2.3 | 1.4 | 1.2 | 1.8 | 2.9 | 2.8 | 1.9 | 3.4 | 2.9 | 4.5 | 3.6 | 3.6 | 2.5 | 3.2 |
| 17 520 | 0.17 | 0.002 | 0.7 | 1.2 | 1.9 | 3.0 | 14.4 | 9.4 | 5.8 | 1.9 | 2.3 | 3.1 | 1.9 | 2.3 | 1.9 | 1.9 | 2.4 | 2.0 | 2.3 | 3.3 | 3.1 | 1.8 | 2.0 | 2.0 |
| 17 820 | 0.22 | 0.003 | 0.5 | 1.1 | 1.3 | 3.9 | 25.0 | 7.1 | 4.7 | 7.8 | 3.7 | 2.6 | 2.6 | 1.7 | 2.9 | 2.1 | 2.5 | 1.7 | 2.1 | 1.4 | 1.2 | 0.7 | 1.3 | 2.6 |
| 17 1120 | 0.23 | 0.003 | 0.3 | 0.9 | 2.0 | 6.8 | 13.7 | 4.4 | 6.3 | 7.5 | 2.3 | 3.3 | 3.5 | 2.4 | 1.6 | 2.0 | 2.2 | 2.0 | 0.8 | 1.7 | 1.1 | 3.3 | 2.9 | 3.6 |
| 17 1420 | 0.20 | 0.003 | 0.7 | 1.4 | 2.6 | 8.9 | 12.6 | 8.2 | 3.5 | 2.6 | 2.7 | 2.3 | 2.8 | 1.9 | 3.4 | 3.7 | 2.4 | 2.7 | 1.9 | 1.1 | 2.7 | 3.0 | 2.1 | 4.9 |
| 17 1720 | 0.24 | 0.003 | 0.6 | 1.3 | 2.2 | 8.7 | 16.3 | 22.3 | 6.2 | 4.5 | 3.0 | 3.4 | 2.9 | 2.3 | 2.0 | 1.5 | 0.9 | 2.3 | 1.9 | 0.9 | 1.0 | 0.2 | 1.0 | 1.6 |
| 17 2020 | 0.32 | 0.006 | 0.2 | 0.8 | 4.2 | 8.8 | 23.5 | 21.6 | 9.4 | 6.9 | 2.0 | 3.4 | 2.0 | 1.2 | 2.1 | 1.2 | 1.5 | 1.6 | 0.6 | 0.7 | 0.8 | 0.7 | 0.9 | 0.5 |
| 17 2320 | 0.34 | 0.007 | 0.2 | 0.7 | 5.9 | 9.8 | 17.2 | 15.7 | 11.0 | 5.4 | 8.0 | 3.4 | 3.6 | 4.2 | 2.0 | 1.7 | 2.3 | 1.4 | 0.7 | 0.6 | 0.9 | 0.6 | 0.6 | 0.8 |
| 18 220 | 0.27 | 0.004 | 0.3 | 1.0 | 3.3 | 17.5 | 10.3 | 13.0 | 9.3 | 3.8 | 7.5 | 4.8 | 3.3 | 2.3 | 2.3 | 1.9 | 4.0 | 1.2 | 1.3 | 1.3 | 1.1 | 0.8 | 1.5 | 0.9 |
| 18 520 | 0.26 | 0.004 | 0.3 | 0.4 | 2.6 | 27.9 | 13.7 | 13.7 | 5.6 | 2.9 | 2.1 | 2.0 | 3.1 | 1.7 | 1.0 | 1.6 | 1.1 | 1.8 | 1.8 | 1.2 | 0.6 | 1.3 | 1.3 | 0.8 |
| 18 820 | 0.34 | 0.007 | 0.3 | 0.2 | 0.8 | 20.4 | 12.6 | 15.9 | 9.0 | 9.0 | 6.4 | 4.2 | 2.6 | 1.6 | 1.9 | 1.9 | 1.0 | 0.5 | 1.0 | 1.3 | 1.0 | 1.4 | 1.0 | 1.2 |
| 18 1120 | 0.42 | 0.011 | 0.1 | 0.3 | 0.6 | 24.6 | 15.2 | 8.8 | 8.4 | 9.6 | 7.7 | 5.3 | 4.3 | 2.0 | 0.7 | 1.8 | 1.8 | 1.2 | 1.1 | 0.5 | 0.7 | 0.7 | 0.5 | 0.4 |
| 18 1420 | 0.33 | 0.007 | 0.2 | 0.8 | 1.5 | 27.1 | 25.2 | 7.5 | 3.7 | 2.6 | 5.0 | 3.9 | 3.4 | 1.6 | 1.6 | 1.4 | 1.6 | 2.4 | 1.0 | 0.9 | 1.0 | 1.3 | 0.6 | 0.5 |
| 18 1720 | 0.31 | 0.006 | 0.3 | 0.2 | 2.1 | 31.2 | 19.2 | 12.3 | 3.4 | 2.9 | 2.9 | 5.2 | 3.3 | 1.6 | 1.9 | 1.2 | 0.7 | 1.2 | 1.7 | 0.5 | 0.7 | 0.9 | 0.5 | 0.6 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
DEC 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | BAND CENTER FREQUENCY 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 2020 | 0.41 | 0.010 | 0.2 | 0.6 | 1.4 | 34.8 | 17.6 | 13.0 | 5.2 | 4.4 | 3.6 | 1.9 | 1.4 | 2.3 | 1.1 | 1.3 | 2.6 | 0.9 | 1.2 | 0.8 | 0.8 | 0.9 | 0.5 | 0.3 |
| 18 2320 | 0.37 | 0.009 | 0.3 | 0.7 | 2.5 | 17.8 | 17.7 | 20.7 | 8.6 | 5.6 | 6.1 | 3.3 | 3.0 | 1.0 | 0.8 | 1.2 | 1.5 | 1.2 | 1.3 | 0.9 | 0.6 | 0.6 | 0.7 | 0.6 |
| 19 220 | 0.31 | 0.006 | 0.3 | 0.2 | 1.4 | 28.5 | 19.8 | 10.6 | 3.3 | 5.6 | 4.7 | 3.8 | 2.0 | 2.0 | 1.6 | 2.6 | 1.0 | 0.9 | 1.6 | 1.7 | 1.1 | 0.7 | 0.6 | 0.8 |
| 19 520 | 0.36 | 0.008 | 0.3 | 0.3 | 1.0 | 17.7 | 24.4 | 8.2 | 4.1 | 1.7 | 3.7 | 2.6 | 1.1 | 1.3 | 1.5 | 1.8 | 1.7 | 1.6 | 1.7 | 2.1 | 3.8 | 3.0 | 2.4 | 2.6 |
| 19 820 | 0.53 | 0.017 | 0.2 | 0.2 | 0.5 | 8.0 | 16.4 | 12.7 | 5.7 | 3.1 | 2.7 | 3.4 | 2.0 | 1.6 | 1.6 | 4.5 | 4.1 | 6.6 | 3.6 | 2.8 | 4.2 | 3.6 | 3.1 | 1.8 |
| 19 1120 | 0.65 | 0.026 | 0.1 | 0.2 | 0.6 | 6.4 | 7.1 | 10.0 | 5.9 | 3.3 | 4.7 | 7.2 | 6.4 | 6.8 | 8.6 | 6.4 | 4.9 | 3.3 | 4.4 | 2.0 | 2.2 | 1.7 | 1.6 | 1.5 |
| 19 1420 | 0.73 | 0.033 | 0.1 | 0.1 | 0.4 | 3.9 | 5.3 | 2.4 | 3.3 | 6.1 | 10.8 | 10.5 | 13.4 | 5.7 | 7.1 | 7.5 | 4.5 | 3.9 | 3.1 | 3.5 | 1.3 | 1.3 | 2.1 | 0.7 |
| 19 1720 | 0.86 | 0.046 | 0.1 | 0.1 | 0.2 | 1.8 | 6.7 | 5.1 | 8.9 | 9.8 | 9.8 | 11.6 | 5.1 | 9.4 | 8.2 | 5.1 | 3.3 | 3.5 | 1.6 | 2.5 | 1.8 | 1.0 | 1.0 | 0.5 |
| 19 2020 | 0.92 | 0.053 | 0.2 | 0.1 | 0.3 | 1.3 | 6.6 | 7.5 | 10.2 | 7.2 | 8.8 | 8.8 | 12.5 | 6.9 | 8.9 | 3.3 | 3.1 | 4.8 | 1.1 | 1.3 | 1.8 | 1.3 | 0.6 | 0.9 |
| 19 2320 | 0.98 | 0.059 | 0.1 | 0.1 | 0.3 | 1.2 | 9.0 | 9.0 | 11.3 | 8.6 | 13.5 | 7.3 | 8.3 | 3.4 | 9.1 | 3.8 | 2.9 | 3.5 | 1.9 | 1.4 | 1.1 | 0.7 | 0.7 | 0.6 |
| 20 220 | 0.89 | 0.050 | 0.1 | 0.1 | 0.1 | 1.6 | 8.4 | 9.7 | 15.5 | 9.7 | 8.5 | 7.6 | 8.8 | 7.2 | 5.0 | 2.6 | 4.2 | 2.0 | 2.4 | 1.5 | 0.8 | 0.6 | 0.7 | 0.9 |
| 20 520 | 0.62 | 0.024 | 0.2 | 0.1 | 0.1 | 2.1 | 10.5 | 10.0 | 8.7 | 3.9 | 4.9 | 6.8 | 3.7 | 5.3 | 4.0 | 7.3 | 4.6 | 6.2 | 5.0 | 3.2 | 2.4 | 3.2 | 1.7 | 1.1 |
| 20 820 | 0.81 | 0.041 | 0.1 | 0.1 | 0.2 | 3.5 | 10.0 | 12.9 | 15.4 | 5.5 | 8.2 | 8.8 | 5.6 | 4.8 | 4.5 | 2.6 | 3.1 | 4.4 | 1.3 | 1.7 | 1.9 | 1.1 | 0.8 | 1.0 |
| 20 1120 | 1.02 | 0.064 | 0.1 | 0.1 | 0.1 | 2.5 | 10.6 | 16.3 | 9.0 | 9.3 | 9.1 | 5.1 | 7.7 | 7.1 | 5.2 | 3.6 | 3.0 | 2.2 | 2.3 | 1.8 | 1.4 | 0.7 | 0.4 | 0.5 |
| 20 1420 | 0.96 | 0.057 | 0.1 | 0.1 | 0.2 | 3.0 | 13.1 | 12.1 | 8.4 | 8.9 | 6.7 | 6.3 | 10.0 | 4.9 | 6.6 | 4.2 | 4.1 | 2.2 | 1.5 | 2.1 | 0.9 | 0.7 | 0.8 | 0.4 |
| 20 1720 | 0.81 | 0.041 | 0.1 | 0.1 | 0.3 | 2.8 | 7.8 | 14.7 | 10.4 | 8.2 | 8.4 | 5.0 | 6.1 | 3.5 | 5.6 | 4.3 | 6.4 | 2.7 | 2.3 | 3.2 | 1.8 | 0.9 | 0.9 | 1.5 |
| 20 2020 | 0.89 | 0.050 | 0.1 | 0.1 | 0.5 | 2.3 | 11.2 | 15.9 | 8.0 | 10.8 | 4.7 | 6.9 | 5.3 | 7.4 | 4.1 | 5.8 | 4.3 | 2.4 | 1.7 | 1.8 | 1.4 | 1.0 | 1.3 | 0.8 |
| 20 2320 | 0.97 | 0.059 | 0.1 | 0.1 | 0.4 | 5.6 | 13.8 | 6.9 | 13.5 | 8.2 | 6.9 | 10.3 | 3.9 | 7.9 | 4.0 | 2.6 | 3.7 | 3.7 | 1.5 | 1.2 | 1.1 | 0.8 | 0.7 | 0.5 |
| 21 220 | 0.91 | 0.052 | 0.1 | 0.1 | 0.3 | 3.6 | 7.4 | 13.7 | 9.6 | 11.9 | 11.1 | 7.6 | 6.9 | 3.9 | 5.2 | 4.2 | 3.4 | 3.1 | 2.4 | 0.7 | 0.8 | 1.0 | 0.7 | 0.5 |
| 21 520 | 0.60 | 0.023 | 0.1 | 0.1 | 0.3 | 5.8 | 11.9 | 7.9 | 6.6 | 7.8 | 5.2 | 6.5 | 5.8 | 7.0 | 4.3 | 3.5 | 4.3 | 3.5 | 4.7 | 2.9 | 2.9 | 1.9 | 1.6 | 1.2 |
| 21 820 | 0.69 | 0.030 | 0.2 | 0.1 | 0.1 | 1.7 | 9.4 | 7.5 | 9.8 | 9.6 | 5.5 | 4.1 | 6.5 | 5.6 | 8.0 | 3.4 | 3.4 | 4.5 | 4.9 | 3.9 | 1.8 | 2.3 | 2.1 | 1.1 |
| 21 1120 | 0.96 | 0.058 | 0.1 | 0.1 | 0.2 | 7.5 | 11.0 | 11.9 | 8.2 | 10.4 | 5.3 | 4.2 | 8.9 | 9.1 | 4.6 | 5.3 | 2.7 | 2.4 | 2.2 | 1.3 | 0.8 | 0.9 | 0.5 | 0.6 |
| 21 1420 | 1.05 | 0.069 | 0.1 | 0.1 | 0.2 | 2.6 | 4.8 | 13.1 | 12.9 | 10.8 | 7.2 | 8.9 | 9.0 | 8.4 | 5.3 | 3.5 | 2.9 | 2.5 | 0.9 | 1.3 | 1.2 | 0.7 | 0.7 | 0.6 |
| 21 1720 | 0.96 | 0.058 | 0.1 | 0.1 | 0.4 | 1.8 | 12.1 | 12.4 | 10.0 | 8.5 | 5.2 | 5.6 | 8.8 | 7.3 | 7.3 | 5.2 | 4.4 | 2.8 | 1.4 | 1.5 | 1.2 | 0.8 | 0.4 | 0.6 |
| 21 2320 | 1.15 | 0.083 | 0.2 | 0.2 | 1.0 | 7.8 | 10.7 | 8.6 | 8.6 | 8.7 | 9.4 | 6.9 | 8.0 | 7.3 | 4.7 | 4.4 | 4.4 | 1.9 | 1.5 | 1.0 | 1.4 | 0.6 | 0.6 | 0.6 |
| 22 220 | 1.08 | 0.072 | 0.2 | 0.1 | 1.9 | 6.5 | 8.7 | 9.4 | 7.1 | 11.2 | 6.1 | 13.9 | 6.5 | 7.5 | 4.1 | 3.8 | 3.1 | 1.4 | 2.8 | 1.2 | 0.7 | 0.6 | 0.7 | 0.5 |
| 22 520 | 0.71 | 0.031 | 0.1 | 0.2 | 3.2 | 4.9 | 7.7 | 8.4 | 8.8 | 3.8 | 7.9 | 6.6 | 7.3 | 6.5 | 5.6 | 8.2 | 3.2 | 2.4 | 4.5 | 1.9 | 1.5 | 1.2 | 2.1 | 0.5 |
| 22 820 | 0.73 | 0.033 | 0.3 | 0.6 | 3.6 | 3.9 | 9.0 | 6.4 | 15.4 | 6.5 | 2.9 | 5.6 | 4.9 | 4.0 | 4.7 | 3.0 | 4.8 | 5.6 | 4.8 | 3.7 | 2.2 | 1.8 | 1.3 | 1.0 |
| 22 1120 | 0.99 | 0.061 | 0.1 | 0.2 | 2.0 | 9.0 | 11.0 | 10.9 | 9.1 | 7.2 | 5.0 | 8.0 | 8.6 | 8.2 | 3.6 | 2.9 | 3.1 | 2.5 | 2.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.8 |
| 22 1420 | 1.01 | 0.064 | 0.1 | 0.3 | 3.5 | 2.1 | 11.0 | 17.7 | 9.1 | 10.9 | 4.9 | 5.3 | 8.7 | 5.1 | 3.7 | 2.9 | 3.1 | 3.2 | 2.2 | 1.3 | 1.1 | 0.7 | 0.6 | 0.5 |
| 22 1720 | 0.86 | 0.046 | 0.1 | 0.2 | 9.1 | 3.6 | 5.9 | 9.0 | 6.2 | 4.6 | 10.1 | 9.6 | 5.3 | 4.0 | 8.6 | 5.9 | 6.0 | 2.4 | 2.7 | 1.0 | 1.1 | 0.9 | 0.9 | 0.5 |
| 22 2020 | 0.75 | 0.035 | 0.1 | 0.3 | 5.0 | 3.6 | 6.6 | 12.6 | 7.8 | 7.5 | 6.7 | 5.4 | 4.3 | 3.3 | 8.3 | 7.5 | 3.7 | 2.3 | 4.6 | 1.5 | 1.8 | 1.8 | 1.2 | 0.8 |
| 22 2320 | 0.80 | 0.040 | 0.1 | 0.3 | 5.1 | 6.0 | 11.1 | 14.0 | 14.7 | 8.6 | 5.1 | 6.1 | 4.1 | 5.4 | 3.2 | 2.6 | 2.2 | 2.1 | 2.4 | 1.5 | 0.8 | 0.5 | 0.9 | 0.6 |
| 23 220 | 0.84 | 0.044 | 0.1 | 0.4 | 19.8 | 8.2 | 9.5 | 8.6 | 7.4 | 5.2 | 7.4 | 4.2 | 2.6 | 3.7 | 4.2 | 4.7 | 2.4 | 1.0 | 3.2 | 1.2 | 1.0 | 0.9 | 1.0 | 0.7 |
| 23 520 | 0.55 | 0.019 | 0.2 | 1.0 | 8.5 | 13.6 | 5.8 | 8.8 | 10.5 | 3.1 | 5.3 | 7.9 | 3.8 | 3.2 | 1.7 | 7.6 | 2.8 | 3.7 | 1.8 | 2.2 | 4.1 | 2.5 | 1.5 | 1.3 |
| 23 1120 | 0.66 | 0.027 | 0.1 | 3.8 | 7.0 | 8.6 | 15.6 | 7.7 | 10.6 | 8.0 | 6.6 | 5.5 | 5.1 | 2.8 | 4.2 | 2.5 | 2.0 | 3.2 | 1.5 | 1.0 | 1.1 | 0.4 | 0.7 | 0.4 |
| 23 1420 | 0.77 | 0.037 | 0.1 | 1.0 | 11.7 | 8.6 | 10.0 | 10.1 | 17.4 | 13.1 | 6.3 | 4.3 | 3.0 | 2.2 | 2.2 | 1.8 | 1.5 | 1.1 | 1.5 | 0.7 | 0.8 | 0.3 | 0.3 | 0.3 |
| 23 1720 | 0.54 | 0.018 | 0.1 | 2.7 | 14.7 | 9.1 | 8.9 | 22.6 | 5.2 | 4.8 | 4.6 | 7.9 | 3.4 | 2.1 | 1.5 | 2.3 | 2.0 | 1.2 | 0.6 | 1.6 | 1.0 | 0.8 | 0.5 | 0.4 |
| 23 2020 | 0.43 | 0.011 | 0.1 | 1.5 | 9.7 | 10.8 | 11.5 | 16.6 | 9.6 | 9.2 | 5.1 | 4.7 | 2.7 | 2.1 | 3.0 | 3.3 | 0.8 | 1.1 | 1.2 | 1.1 | 0.6 | 0.6 | 0.4 | 0.5 |
| 23 2320 | 0.52 | 0.017 | 0.1 | 0.7 | 14.2 | 5.2 | 18.6 | 12.4 | 12.5 | 10.0 | 6.2 | 2.8 | 2.5 | 1.8 | 2.4 | 1.7 | 1.1 | 1.1 | 1.0 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 |
| 24 220 | 0.55 | 0.019 | 0.1 | 2.0 | 18.5 | 9.9 | 13.1 | 14.2 | 10.4 | 7.1 | 5.2 | 3.4 | 2.6 | 1.8 | 2.1 | 1.1 | 1.1 | 1.1 | 0.9 | 0.7 | 0.9 | 0.5 | 0.4 | 0.4 |
| 24 820 | 0.27 | 0.005 | 0.3 | 2.4 | 4.0 | 11.1 | 14.5 | 13.8 | 8.1 | 3.5 | 5.6 | 3.2 | 1.7 | 4.6 | 2.0 | 1.7 | 0.8 | 1.3 | 1.4 | 2.0 | 1.9 | 1.9 | 1.8 | 0.9 |
| 24 1120 | 0.33 | 0.007 | 0.3 | 0.7 | 6.5 | 7.5 | 17.0 | 15.5 | 6.1 | 7.0 | 2.8 | 2.4 | 3.6 | 3.4 | 2.1 | 2.0 | 2.8 | 2.1 | 1.5 | 1.0 | 1.3 | 1.2 | 1.8 | 1.3 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
DEC 1983

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 1420 | 0.40 | 0.010 | 0.2 | 0.6 | 2.8 | 12.7 | 22.0 | 8.2 | 12.7 | 5.0 | 4.9 | 2.6 | 2.0 | 3.0 | 1.0 | 1.2 | 3.3 | 2.8 | 2.0 | 1.7 | 0.8 | 0.8 | 1.1 | 1.0 |
| 24 1720 | 0.33 | 0.007 | 0.2 | 3.6 | 5.5 | 12.2 | 13.0 | 14.4 | 5.8 | 5.3 | 5.5 | 5.3 | 2.2 | 1.2 | 2.0 | 1.2 | 1.3 | 1.4 | 1.2 | 1.4 | 2.5 | 1.5 | 1.0 | 1.6 |
| 24 2020 | 0.31 | 0.006 | 0.5 | 1.3 | 4.8 | 7.7 | 9.2 | 7.2 | 4.5 | 1.8 | 1.7 | 1.5 | 1.2 | 0.8 | 1.0 | 0.6 | 0.6 | 1.0 | 0.9 | 1.1 | 1.5 | 5.6 | 6.1 | 10.0 |
| 24 2320 | 0.32 | 0.006 | 0.4 | 1.8 | 3.2 | 10.0 | 6.5 | 5.5 | 2.2 | 1.4 | 1.2 | 0.9 | 0.4 | 0.9 | 0.5 | 1.3 | 1.8 | 1.7 | 3.2 | 7.9 | 9.4 | 10.3 | 4.5 | 6.0 |
| 25 220 | 0.29 | 0.005 | 0.6 | 1.9 | 8.6 | 4.7 | 12.2 | 9.6 | 2.0 | 1.2 | 1.1 | 2.1 | 0.6 | 0.8 | 0.6 | 0.5 | 1.0 | 0.9 | 1.3 | 1.7 | 1.1 | 1.5 | 2.3 | 1.9 |
| 25 820 | 0.25 | 0.004 | 0.7 | 0.4 | 2.5 | 3.6 | 2.2 | 1.8 | 1.2 | 1.1 | 1.7 | 0.5 | 0.6 | 0.7 | 0.8 | 0.5 | 1.2 | 1.4 | 1.1 | 2.7 | 1.7 | 4.1 | 5.2 | 7.4 |
| 25 1120 | 0.34 | 0.007 | 0.8 | 0.4 | 1.8 | 1.3 | 3.7 | 1.6 | 0.4 | 0.6 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 1.3 | 1.3 | 2.2 | 5.7 | 13.8 | 13.0 | 8.6 | 15.0 |
| 25 1420 | 0.30 | 0.006 | 0.5 | 0.6 | 0.9 | 2.3 | 8.8 | 2.7 | 1.3 | 1.0 | 1.5 | 0.8 | 1.0 | 0.6 | 1.3 | 1.1 | 1.3 | 0.8 | 2.0 | 1.0 | 1.5 | 4.8 | 9.1 | 11.5 |
| 26 220 | 0.27 | 0.004 | 0.5 | 0.5 | 7.2 | 8.8 | 17.2 | 8.1 | 10.7 | 6.1 | 3.8 | 1.9 | 2.0 | 1.1 | 1.2 | 0.8 | 1.3 | 0.9 | 1.5 | 1.8 | 1.5 | 2.0 | 0.9 | 1.3 |
| 26 820 | 0.25 | 0.004 | 0.3 | 0.4 | 4.2 | 22.6 | 9.4 | 6.3 | 5.6 | 3.7 | 4.8 | 3.8 | 1.3 | 2.5 | 2.2 | 2.6 | 1.1 | 1.8 | 2.6 | 2.0 | 2.1 | 2.3 | 1.6 | 1.5 |
| 26 1120 | 0.30 | 0.005 | 0.1 | 0.7 | 2.9 | 27.3 | 19.4 | 11.6 | 3.1 | 3.2 | 3.8 | 2.3 | 1.8 | 2.2 | 0.9 | 2.1 | 1.3 | 1.8 | 1.5 | 1.1 | 0.9 | 1.2 | 1.3 | 0.9 |
| 26 1420 | 0.31 | 0.006 | 0.4 | 0.6 | 2.9 | 24.6 | 13.6 | 13.3 | 3.9 | 3.0 | 2.1 | 6.5 | 2.4 | 2.2 | 2.0 | 1.2 | 1.4 | 2.0 | 2.2 | 0.8 | 1.5 | 0.9 | 0.6 | 2.0 |
| 26 2020 | 0.38 | 0.009 | 0.1 | 0.2 | 3.3 | 17.6 | 19.3 | 10.4 | 4.9 | 9.0 | 10.6 | 2.3 | 1.9 | 1.9 | 1.5 | 1.4 | 1.8 | 0.8 | 0.9 | 1.1 | 1.0 | 1.3 | 0.7 | 0.7 |
| 26 2320 | 0.32 | 0.006 | 0.2 | 0.1 | 5.7 | 21.2 | 18.3 | 9.0 | 4.7 | 6.3 | 4.8 | 3.6 | 1.7 | 1.5 | 2.1 | 2.2 | 1.0 | 1.2 | 1.3 | 1.8 | 1.2 | 1.4 | 0.8 | 0.9 |
| 27 220 | 0.40 | 0.010 | 0.3 | 0.1 | 3.5 | 20.8 | 17.2 | 8.9 | 7.7 | 6.4 | 5.8 | 3.0 | 2.8 | 2.6 | 2.8 | 1.3 | 2.7 | 1.8 | 0.6 | 1.2 | 1.1 | 1.1 | 1.1 | 0.5 |
| 27 1120 | 0.36 | 0.008 | 0.3 | 0.2 | 1.5 | 17.1 | 16.0 | 12.1 | 7.4 | 3.9 | 6.5 | 2.2 | 3.2 | 1.7 | 2.4 | 2.5 | 2.5 | 1.0 | 1.5 | 1.6 | 2.1 | 1.8 | 1.5 | 1.6 |
| 27 1420 | 0.38 | 0.009 | 0.7 | 0.2 | 1.1 | 9.4 | 22.6 | 12.3 | 5.7 | 5.9 | 5.7 | 6.5 | 3.9 | 2.0 | 2.7 | 2.1 | 1.4 | 1.3 | 1.7 | 1.9 | 1.2 | 1.5 | 0.7 | 1.0 |
| 28 820 | 0.40 | 0.010 | 0.1 | 0.0 | 1.6 | 8.1 | 8.6 | 9.9 | 7.8 | 3.7 | 7.6 | 6.0 | 5.4 | 5.8 | 4.1 | 4.0 | 4.3 | 3.1 | 3.4 | 1.5 | 1.6 | 1.1 | 2.2 | 1.9 |
| 28 1120 | 0.37 | 0.009 | 0.2 | 0.1 | 2.1 | 5.8 | 10.8 | 4.5 | 8.5 | 4.8 | 5.5 | 5.9 | 5.1 | 5.5 | 4.3 | 5.7 | 2.9 | 3.6 | 2.6 | 3.7 | 2.6 | 3.9 | 2.2 | 1.3 |
| 28 1420 | 0.42 | 0.011 | 0.1 | 0.1 | 1.0 | 7.5 | 8.3 | 7.0 | 11.0 | 5.5 | 8.3 | 6.5 | 7.7 | 6.4 | 3.3 | 3.3 | 2.4 | 2.7 | 2.1 | 1.5 | 3.3 | 1.8 | 1.4 | 0.9 |
| 28 1720 | 0.52 | 0.017 | 0.1 | 0.1 | 1.0 | 5.2 | 3.2 | 9.6 | 6.2 | 9.2 | 14.8 | 9.6 | 5.9 | 1.9 | 5.9 | 5.1 | 2.8 | 1.9 | 2.6 | 1.9 | 2.4 | 1.5 | 1.1 | 1.3 |
| 28 2320 | 0.50 | 0.015 | 0.1 | 0.2 | 0.9 | 3.3 | 1.6 | 4.8 | 6.1 | 11.3 | 11.7 | 7.9 | 5.3 | 6.4 | 3.9 | 5.0 | 5.0 | 3.3 | 4.4 | 2.4 | 2.6 | 2.9 | 2.1 | 1.0 |
| 29 220 | 0.47 | 0.014 | 0.2 | 0.1 | 0.3 | 1.6 | 1.6 | 10.0 | 19.1 | 8.0 | 5.2 | 5.8 | 5.3 | 2.5 | 4.6 | 2.8 | 3.8 | 2.8 | 3.4 | 2.3 | 3.1 | 3.4 | 4.3 | 0.9 |
| 29 520 | 0.67 | 0.028 | 0.1 | 0.1 | 0.2 | 2.1 | 1.3 | 17.5 | 15.1 | 8.0 | 6.7 | 7.2 | 3.8 | 6.8 | 4.5 | 4.9 | 3.1 | 2.5 | 3.2 | 1.1 | 2.9 | 1.3 | 1.5 | 1.3 |
| 29 820 | 0.67 | 0.028 | 0.1 | 0.1 | 0.5 | 2.2 | 4.5 | 16.6 | 19.5 | 11.9 | 4.6 | 6.0 | 4.0 | 3.7 | 3.5 | 4.6 | 2.4 | 3.1 | 2.0 | 0.9 | 1.9 | 1.7 | 1.6 | 0.6 |
| 29 1420 | 0.59 | 0.021 | 0.1 | 0.1 | 3.1 | 4.3 | 4.9 | 16.3 | 13.1 | 10.2 | 5.1 | 8.3 | 4.8 | 4.2 | 1.9 | 3.7 | 3.0 | 2.4 | 2.5 | 2.1 | 1.4 | 1.9 | 1.6 | 0.6 |
| 30 220 | 0.55 | 0.019 | 0.1 | 0.1 | 2.0 | 29.6 | 10.0 | 9.0 | 3.5 | 5.1 | 3.7 | 4.5 | 3.7 | 2.7 | 2.5 | 3.0 | 2.0 | 2.7 | 2.7 | 3.3 | 1.5 | 1.7 | 1.0 | 0.4 |
| 30 820 | 0.79 | 0.039 | 0.1 | 0.1 | 11.3 | 12.4 | 12.9 | 9.5 | 4.7 | 11.1 | 6.4 | 3.7 | 4.2 | 4.0 | 3.3 | 3.6 | 1.7 | 2.5 | 1.2 | 0.7 | 1.3 | 0.8 | 0.9 | 0.5 |
| 30 1120 | 0.79 | 0.039 | 0.1 | 0.1 | 7.7 | 17.1 | 10.3 | 10.4 | 7.9 | 7.5 | 9.2 | 6.1 | 3.4 | 1.9 | 2.0 | 3.6 | 1.7 | 2.0 | 2.0 | 0.9 | 1.0 | 0.9 | 0.8 | 0.3 |
| 30 1420 | 0.75 | 0.035 | 0.1 | 0.2 | 5.7 | 11.6 | 15.6 | 14.3 | 9.7 | 8.6 | 4.7 | 4.3 | 3.2 | 4.6 | 4.1 | 1.5 | 2.7 | 1.3 | 1.6 | 1.0 | 1.0 | 0.8 | 0.7 | 0.5 |
| 30 1720 | 0.81 | 0.041 | 0.1 | 0.1 | 1.8 | 15.0 | 13.8 | 19.2 | 6.9 | 7.0 | 5.8 | 5.2 | 3.3 | 2.6 | 2.8 | 4.7 | 1.7 | 1.8 | 1.7 | 1.5 | 0.9 | 0.5 | 0.7 | 0.4 |
| 31 520 | 0.54 | 0.018 | 0.1 | 0.1 | 1.8 | 29.3 | 17.4 | 10.1 | 6.2 | 5.9 | 7.7 | 2.4 | 2.3 | 2.2 | 3.2 | 1.4 | 1.3 | 1.6 | 0.9 | 0.8 | 0.8 | 0.6 | 0.5 | 0.6 |
| 31 1420 | 0.50 | 0.015 | 0.1 | 0.1 | 2.5 | 15.5 | 13.1 | 6.5 | 7.4 | 8.2 | 6.9 | 7.6 | 3.4 | 4.5 | 4.0 | 1.7 | 1.1 | 2.6 | 2.6 | 1.6 | 1.9 | 1.2 | 0.6 | 1.3 |
| 31 1720 | 0.56 | 0.019 | 0.2 | 0.1 | 1.8 | 19.6 | 14.9 | 6.3 | 5.4 | 7.6 | 4.4 | 6.7 | 4.1 | 3.6 | 3.6 | 1.6 | 1.9 | 2.5 | 2.7 | 2.3 | 1.4 | 1.8 | 1.3 | 0.5 |
| 31 2320 | 0.57 | 0.020 | 0.1 | 0.1 | 1.6 | 15.6 | 15.4 | 10.8 | 5.7 | 3.9 | 3.9 | 6.8 | 5.1 | 3.9 | 3.2 | 3.6 | 3.1 | 1.8 | 1.7 | 1.9 | 2.0 | 1.5 | 1.2 | 1.7 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
JAN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 520 | 0.41 | 0.010 | 0.2 | 0.1 | 1.7 | 16.6 | 12.1 | 12.7 | 7.7 | 3.6 | 5.0 | 3.1 | 4.4 | 3.6 | 4.2 | 3.8 | 4.3 | 1.8 | 1.3 | 1.7 | 1.6 | 1.4 | 1.5 | 1.6 |
| 1 820 | 0.55 | 0.019 | 0.1 | 0.0 | 0.3 | 9.7 | 11.8 | 13.3 | 6.1 | 7.5 | 6.5 | 5.1 | 4.9 | 5.7 | 3.8 | 3.8 | 2.8 | 3.1 | 2.3 | 2.0 | 1.4 | 1.5 | 0.8 | 0.7 |
| 1 1120 | 0.63 | 0.025 | 0.1 | 0.1 | 0.6 | 4.6 | 7.8 | 15.1 | 18.1 | 5.1 | 5.2 | 5.4 | 6.3 | 6.0 | 1.5 | 1.4 | 3.4 | 1.2 | 1.9 | 1.5 | 1.1 | 1.0 | 0.8 | 3.4 |
| 1 1420 | 0.60 | 0.022 | 0.2 | 0.1 | 0.4 | 3.6 | 6.1 | 28.2 | 13.7 | 5.3 | 4.5 | 4.0 | 5.2 | 3.1 | 2.2 | 3.1 | 2.0 | 1.8 | 1.2 | 1.6 | 1.1 | 0.9 | 1.1 | 0.7 |
| 1 1720 | 0.54 | 0.018 | 0.1 | 0.1 | 0.3 | 8.3 | 9.3 | 14.2 | 8.9 | 7.4 | 7.4 | 5.7 | 5.2 | 4.6 | 3.7 | 5.6 | 3.0 | 1.7 | 1.5 | 1.1 | 1.1 | 0.9 | 1.3 | 0.9 |
| 1 2020 | 0.59 | 0.022 | 0.1 | 0.1 | 0.5 | 5.6 | 21.5 | 14.8 | 10.3 | 5.4 | 4.2 | 3.7 | 7.2 | 5.0 | 1.8 | 2.6 | 1.6 | 1.7 | 1.1 | 1.4 | 1.2 | 0.5 | 0.5 | 0.9 |
| 2 820 | 0.44 | 0.012 | 0.1 | 0.2 | 1.0 | 17.9 | 20.6 | 7.5 | 5.8 | 5.3 | 7.9 | 6.3 | 3.7 | 2.6 | 2.1 | 1.5 | 2.3 | 1.3 | 2.1 | 0.9 | 0.7 | 0.9 | 0.9 | 1.2 |
| 2 1720 | 0.50 | 0.015 | 0.1 | 0.2 | 1.5 | 18.8 | 14.0 | 4.7 | 6.4 | 7.3 | 6.2 | 8.7 | 5.4 | 2.5 | 3.1 | 2.5 | 3.2 | 1.1 | 2.3 | 1.9 | 1.2 | 1.2 | 0.9 | 1.2 |
| 2 2320 | 0.49 | 0.015 | 0.1 | 0.1 | 0.9 | 10.6 | 19.4 | 18.9 | 5.9 | 11.3 | 9.5 | 4.4 | 3.2 | 3.4 | 1.8 | 1.7 | 1.4 | 1.2 | 0.8 | 0.6 | 0.6 | 0.7 | 0.4 | 0.4 |
| 3 220 | 0.43 | 0.011 | 0.3 | 0.2 | 1.3 | 11.9 | 13.6 | 11.2 | 13.9 | 8.6 | 9.8 | 3.7 | 3.4 | 3.4 | 2.9 | 2.2 | 1.9 | 2.0 | 1.1 | 1.2 | 1.5 | 1.0 | 0.7 | 0.4 |
| 3 520 | 0.37 | 0.008 | 0.2 | 0.3 | 3.9 | 9.3 | 8.5 | 7.4 | 5.1 | 4.0 | 8.2 | 5.8 | 2.4 | 2.6 | 2.3 | 1.8 | 4.0 | 4.8 | 4.2 | 3.2 | 2.7 | 6.5 | 2.8 | 2.2 |
| 3 820 | 0.40 | 0.010 | 0.1 | 0.3 | 10.2 | 19.0 | 12.2 | 13.3 | 5.7 | 5.3 | 5.8 | 2.8 | 3.2 | 2.3 | 4.0 | 1.6 | 1.2 | 1.6 | 2.0 | 0.9 | 1.4 | 0.9 | 1.0 | 0.6 |
| 3 1420 | 0.47 | 0.014 | 0.1 | 0.3 | 15.1 | 16.5 | 9.3 | 3.4 | 9.9 | 12.7 | 8.4 | 3.5 | 2.7 | 3.3 | 2.4 | 2.5 | 1.6 | 0.9 | 1.0 | 0.8 | 0.5 | 0.8 | 0.7 | 0.4 |
| 3 1720 | 0.40 | 0.010 | 0.2 | 0.2 | 16.1 | 17.2 | 14.9 | 10.7 | 2.5 | 5.1 | 6.8 | 2.7 | 2.9 | 3.0 | 2.5 | 1.7 | 1.9 | 1.9 | 1.5 | 1.8 | 0.8 | 0.6 | 0.6 | 0.6 |
| 3 2020 | 0.46 | 0.013 | 0.1 | 0.4 | 12.8 | 31.1 | 13.6 | 10.2 | 8.6 | 5.4 | 1.1 | 2.4 | 1.6 | 1.2 | 0.8 | 1.4 | 0.7 | 0.7 | 1.0 | 0.6 | 0.8 | 0.6 | 0.4 | 0.3 |
| 3 2320 | 0.54 | 0.018 | 0.3 | 0.3 | 5.9 | 20.9 | 9.7 | 5.9 | 6.0 | 4.5 | 2.2 | 1.5 | 1.2 | 0.9 | 1.1 | 0.9 | 0.8 | 1.1 | 2.4 | 2.6 | 6.4 | 5.0 | 6.1 | 2.5 |
| 8 520 | 0.19 | 0.002 | 0.8 | 3.2 | 4.0 | 4.9 | 15.3 | 13.1 | 9.2 | 5.9 | 5.1 | 3.9 | 4.2 | 3.8 | 3.6 | 2.8 | 1.6 | 1.1 | 1.7 | 1.6 | 0.9 | 1.7 | 0.9 | 1.2 |
| 8 820 | 0.15 | 0.001 | 0.5 | 1.8 | 5.3 | 4.0 | 14.1 | 17.5 | 14.9 | 6.8 | 3.6 | 1.4 | 3.7 | 2.7 | 2.8 | 1.7 | 2.0 | 1.7 | 0.8 | 1.4 | 0.9 | 1.5 | 0.9 | 1.2 |
| 8 1120 | 0.26 | 0.004 | 0.4 | 1.1 | 2.1 | 3.4 | 27.8 | 14.6 | 22.1 | 3.3 | 3.7 | 2.5 | 2.8 | 2.3 | 1.3 | 0.9 | 1.0 | 1.1 | 0.7 | 1.0 | 0.3 | 0.6 | 0.8 | 0.5 |
| 8 1420 | 0.26 | 0.004 | 0.4 | 0.6 | 3.9 | 8.3 | 23.0 | 16.0 | 10.0 | 6.2 | 4.3 | 3.1 | 4.3 | 1.5 | 2.1 | 0.6 | 1.0 | 0.8 | 0.7 | 0.4 | 0.6 | 0.4 | 0.4 | 0.9 |
| 8 1720 | 0.22 | 0.003 | 0.6 | 1.8 | 3.4 | 5.8 | 23.6 | 20.6 | 7.4 | 5.0 | 5.2 | 2.3 | 3.0 | 1.8 | 1.3 | 1.0 | 1.6 | 1.7 | 0.9 | 0.4 | 1.1 | 0.6 | 0.8 | 0.9 |
| 8 2020 | 0.29 | 0.005 | 0.3 | 0.8 | 2.4 | 11.3 | 29.3 | 11.1 | 7.8 | 5.5 | 4.8 | 2.1 | 1.8 | 1.2 | 2.1 | 0.9 | 0.9 | 1.4 | 1.4 | 1.3 | 0.3 | 0.3 | 0.9 | 0.4 |
| 8 2320 | 0.44 | 0.012 | 0.1 | 0.2 | 0.4 | 7.6 | 11.3 | 13.5 | 5.3 | 9.6 | 4.4 | 4.4 | 3.9 | 3.6 | 3.0 | 3.5 | 2.3 | 4.3 | 3.3 | 3.1 | 1.3 | 1.3 | 1.1 | 1.4 |
| 9 220 | 0.77 | 0.037 | 0.1 | 0.1 | 0.3 | 5.3 | 17.2 | 16.2 | 9.9 | 5.6 | 3.8 | 5.8 | 6.1 | 4.2 | 5.4 | 2.2 | 3.7 | 1.7 | 2.3 | 1.3 | 1.2 | 0.8 | 1.3 | 0.6 |
| 9 520 | 0.74 | 0.034 | 0.1 | 0.1 | 0.4 | 7.1 | 16.9 | 16.3 | 7.6 | 2.5 | 10.5 | 6.2 | 5.7 | 3.9 | 2.6 | 2.4 | 3.3 | 3.5 | 1.3 | 1.4 | 1.8 | 1.2 | 1.0 | 0.3 |
| 9 1120 | 0.80 | 0.040 | 0.1 | 0.1 | 0.3 | 10.6 | 10.7 | 7.9 | 5.0 | 7.6 | 9.5 | 7.8 | 5.2 | 7.6 | 5.5 | 3.6 | 4.1 | 3.3 | 1.8 | 1.7 | 1.6 | 0.7 | 0.7 | 0.7 |
| 9 1420 | 0.94 | 0.055 | 0.1 | 0.2 | 3.7 | 16.3 | 21.2 | 3.1 | 3.6 | 11.1 | 9.1 | 8.5 | 3.1 | 2.8 | 2.8 | 2.3 | 2.6 | 1.6 | 1.5 | 2.1 | 0.9 | 0.8 | 0.5 | 0.3 |
| 9 1720 | 0.98 | 0.060 | 0.1 | 0.1 | 3.2 | 26.0 | 10.9 | 5.2 | 6.3 | 6.8 | 7.0 | 4.4 | 5.6 | 4.2 | 6.4 | 4.3 | 1.9 | 1.8 | 0.6 | 0.8 | 0.9 | 0.4 | 0.7 | 0.4 |
| 9 2020 | 0.85 | 0.046 | 0.1 | 0.2 | 3.9 | 10.2 | 13.7 | 9.0 | 7.1 | 9.9 | 9.0 | 6.5 | 4.1 | 4.1 | 4.2 | 3.9 | 3.6 | 1.3 | 2.1 | 1.6 | 0.9 | 0.9 | 0.7 | 1.0 |
| 9 2320 | 0.85 | 0.045 | 0.1 | 0.4 | 2.3 | 18.2 | 11.3 | 11.9 | 6.6 | 5.6 | 9.1 | 4.7 | 5.2 | 4.1 | 3.2 | 4.1 | 2.9 | 2.6 | 1.4 | 1.0 | 1.5 | 0.6 | 0.8 | 0.5 |
| 10 220 | 0.83 | 0.043 | 0.1 | 0.2 | 1.2 | 12.6 | 9.2 | 6.7 | 7.8 | 4.7 | 13.4 | 5.0 | 4.8 | 7.3 | 11.0 | 2.8 | 5.0 | 1.8 | 1.2 | 0.8 | 0.5 | 0.5 | 0.6 | 0.5 |
| 10 520 | 0.81 | 0.041 | 0.1 | 0.2 | 3.1 | 26.5 | 10.5 | 6.4 | 7.2 | 10.4 | 5.3 | 6.0 | 3.9 | 4.0 | 3.0 | 2.8 | 2.3 | 1.9 | 1.5 | 0.9 | 1.0 | 0.7 | 0.5 | 0.3 |
| 10 820 | 0.66 | 0.028 | 0.1 | 0.3 | 12.6 | 16.6 | 18.0 | 8.0 | 8.6 | 4.7 | 6.5 | 2.9 | 1.9 | 4.3 | 4.2 | 3.4 | 1.8 | 1.0 | 0.9 | 0.4 | 0.7 | 0.6 | 0.5 | 0.3 |
| 10 1120 | 0.63 | 0.025 | 0.1 | 0.5 | 13.2 | 18.3 | 16.9 | 3.3 | 5.0 | 6.6 | 3.9 | 5.2 | 6.7 | 5.9 | 2.4 | 2.9 | 1.0 | 1.7 | 1.5 | 1.0 | 0.7 | 0.6 | 0.7 | 0.3 |
| 10 1420 | 0.54 | 0.018 | 0.2 | 0.4 | 12.6 | 12.8 | 15.4 | 5.0 | 6.6 | 5.3 | 6.1 | 5.0 | 3.9 | 3.4 | 3.2 | 3.7 | 4.2 | 1.5 | 1.9 | 1.9 | 1.3 | 1.4 | 0.7 | 0.7 |
| 10 1720 | 0.58 | 0.021 | 0.1 | 0.2 | 17.0 | 13.0 | 7.9 | 5.0 | 5.9 | 10.2 | 4.5 | 2.9 | 5.4 | 3.2 | 2.1 | 2.3 | 2.0 | 1.5 | 2.0 | 2.0 | 1.4 | 1.4 | 1.4 | 2.1 |
| 10 2020 | 0.54 | 0.018 | 0.1 | 0.3 | 7.3 | 19.3 | 12.9 | 5.2 | 7.5 | 8.2 | 5.2 | 3.8 | 7.4 | 2.1 | 3.0 | 1.9 | 2.1 | 3.2 | 2.2 | 2.2 | 1.1 | 1.0 | 1.2 | 0.5 |
| 10 2320 | 0.49 | 0.015 | 0.1 | 0.3 | 12.8 | 20.3 | 9.3 | 24.1 | 3.8 | 3.4 | 4.4 | 2.6 | 2.1 | 1.9 | 3.2 | 1.0 | 1.8 | 0.7 | 1.1 | 0.9 | 0.8 | 1.1 | 0.6 | 0.8 |
| 11 220 | 0.53 | 0.017 | 0.1 | 0.2 | 4.7 | 18.3 | 19.5 | 15.5 | 7.3 | 6.4 | 5.9 | 2.3 | 3.2 | 2.2 | 1.7 | 1.8 | 1.4 | 2.5 | 1.0 | 1.5 | 1.0 | 0.4 | 0.6 | 0.6 |
| 11 520 | 0.48 | 0.014 | 0.1 | 0.3 | 7.8 | 13.4 | 18.7 | 7.8 | 8.0 | 8.6 | 6.5 | 6.3 | 2.2 | 2.0 | 2.9 | 3.2 | 1.4 | 2.1 | 2.0 | 1.8 | 1.1 | 0.7 | 0.4 | 0.6 |
| 11 820 | 0.38 | 0.009 | 0.2 | 0.6 | 1.1 | 23.3 | 11.4 | 5.2 | 4.9 | 10.7 | 6.5 | 3.2 | 3.3 | 2.8 | 3.0 | 2.2 | 1.9 | 2.5 | 3.3 | 2.2 | 1.4 | 1.8 | 1.6 | 0.7 |
| 11 1120 | 0.36 | 0.008 | 0.2 | 0.2 | 2.1 | 27.3 | 8.4 | 4.0 | 4.5 | 9.2 | 3.0 | 4.8 | 1.2 | 1.9 | 2.6 | 1.0 | 2.1 | 2.0 | 2.7 | 2.5 | 4.6 | 2.0 | 3.2 | 2.3 |
| 11 1420 | 0.39 | 0.010 | 0.2 | 0.2 | 2.2 | 17.5 | 12.4 | 5.5 | 5.4 | 3.0 | 4.9 | 3.7 | 2.4 | 2.2 | 3.3 | 2.7 | 1.4 | 3.4 | 2.0 | 5.2 | 6.1 | 3.2 | 3.0 | 2.3 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
JAN 1954

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 11 1720 | 0.63 | 0.025 | 0.2 | 0.3 | 0.9 | 8.5 | 9.4 | 2.0 | 2.7 | 3.7 | 3.9 | 8.5 | 9.3 | 8.9 | 5.3 | 8.8 | 5.7 | 6.5 | 2.1 | 1.8 | 2.5 | 2.5 | 1.5 | 1.0 |
| 11 2020 | 1.24 | 0.096 | 0.2 | 0.1 | 0.2 | 1.6 | 3.2 | 3.4 | 18.5 | 17.9 | 6.2 | 12.5 | 7.3 | 8.1 | 4.1 | 5.2 | 2.3 | 2.3 | 1.4 | 1.2 | 0.4 | 1.0 | 0.6 | 0.9 |
| 11 2320 | 1.32 | 0.109 | 0.1 | 0.1 | 0.7 | 8.3 | 13.8 | 5.9 | 11.2 | 9.4 | 9.5 | 7.5 | 6.6 | 5.1 | 4.3 | 5.2 | 3.6 | 1.8 | 1.5 | 1.3 | 1.1 | 0.4 | 0.7 | 0.4 |
| 12 220 | 1.00 | 0.062 | 0.1 | 0.1 | 3.4 | 7.7 | 7.7 | 5.4 | 9.6 | 8.9 | 12.8 | 11.9 | 6.8 | 6.1 | 1.4 | 4.1 | 4.0 | 2.3 | 2.3 | 1.0 | 0.9 | 0.9 | 0.5 | 0.6 |
| 12 520 | 0.84 | 0.044 | 0.1 | 0.1 | 3.6 | 13.2 | 12.5 | 12.2 | 9.4 | 9.9 | 7.5 | 5.3 | 4.2 | 4.2 | 2.6 | 3.0 | 2.1 | 1.7 | 2.1 | 1.1 | 1.3 | 1.2 | 0.6 | 0.4 |
| 12 820 | 0.70 | 0.030 | 0.1 | 0.1 | 4.8 | 16.4 | 13.3 | 8.1 | 8.5 | 8.2 | 7.9 | 4.6 | 5.3 | 6.8 | 3.0 | 2.5 | 1.8 | 1.4 | 1.5 | 1.6 | 0.6 | 0.6 | 0.7 | 0.6 |
| 12 1120 | 1.11 | 0.077 | 0.1 | 0.1 | 1.1 | 2.7 | 9.0 | 16.1 | 18.9 | 7.3 | 9.2 | 6.3 | 5.1 | 4.1 | 4.6 | 3.5 | 2.5 | 2.2 | 1.8 | 1.6 | 0.3 | 0.6 | 0.5 | 0.4 |
| 12 1420 | 1.18 | 0.087 | 0.1 | 0.1 | 0.8 | 4.5 | 8.8 | 11.2 | 11.9 | 11.5 | 10.2 | 9.5 | 4.2 | 6.6 | 3.6 | 4.7 | 2.5 | 2.1 | 1.9 | 0.8 | 0.9 | 0.8 | 0.8 | 0.6 |
| 12 1720 | 1.31 | 0.107 | 0.2 | 0.1 | 1.7 | 7.6 | 11.5 | 8.2 | 10.5 | 9.7 | 8.9 | 12.0 | 7.5 | 5.4 | 5.0 | 2.9 | 1.7 | 1.7 | 0.8 | 1.1 | 1.0 | 0.6 | 0.4 | 0.3 |
| 12 2020 | 1.09 | 0.075 | 0.1 | 0.2 | 3.5 | 6.8 | 10.8 | 15.4 | 7.2 | 12.4 | 8.9 | 6.5 | 9.2 | 3.8 | 2.3 | 2.9 | 2.8 | 1.8 | 0.9 | 1.2 | 0.6 | 0.4 | 0.5 | 0.3 |
| 12 2320 | 1.06 | 0.071 | 0.1 | 0.3 | 6.8 | 9.2 | 10.3 | 11.5 | 12.6 | 6.8 | 5.6 | 8.7 | 4.8 | 4.0 | 4.2 | 3.4 | 2.3 | 3.4 | 1.3 | 1.0 | 0.7 | 0.5 | 0.7 | 0.3 |
| 13 220 | 1.03 | 0.066 | 0.1 | 0.5 | 7.1 | 9.4 | 14.1 | 8.4 | 4.1 | 9.8 | 10.8 | 6.4 | 4.7 | 5.6 | 6.8 | 2.3 | 2.9 | 1.2 | 1.2 | 0.8 | 0.9 | 0.3 | 0.4 | 0.3 |
| 13 520 | 1.18 | 0.086 | 0.1 | 2.2 | 14.6 | 8.5 | 8.8 | 7.9 | 8.6 | 8.0 | 10.1 | 6.1 | 4.2 | 5.6 | 2.6 | 3.4 | 2.5 | 1.1 | 1.0 | 1.0 | 0.7 | 0.4 | 0.6 | 0.5 |
| 13 820 | 1.27 | 0.101 | 0.1 | 1.5 | 7.9 | 10.2 | 8.6 | 7.8 | 7.5 | 6.6 | 9.6 | 8.2 | 6.2 | 6.7 | 4.9 | 2.5 | 2.9 | 2.0 | 2.0 | 1.0 | 0.9 | 0.4 | 0.7 | 0.3 |
| 13 1120 | 1.34 | 0.113 | 0.1 | 0.7 | 8.4 | 8.3 | 5.0 | 9.3 | 7.1 | 12.8 | 10.4 | 12.1 | 6.4 | 4.7 | 3.3 | 2.9 | 2.4 | 1.0 | 1.7 | 0.8 | 0.6 | 0.5 | 0.3 | 0.4 |
| 13 1420 | 1.16 | 0.084 | 0.2 | 0.8 | 8.6 | 9.5 | 5.5 | 6.7 | 6.2 | 9.2 | 11.1 | 9.6 | 7.0 | 6.1 | 5.0 | 3.9 | 2.5 | 2.5 | 1.5 | 1.3 | 0.4 | 0.4 | 0.4 | 0.5 |
| 13 1720 | 1.18 | 0.087 | 0.1 | 0.3 | 11.1 | 5.9 | 6.7 | 12.6 | 11.9 | 7.0 | 9.5 | 8.0 | 7.8 | 4.7 | 2.2 | 2.5 | 2.3 | 1.4 | 1.0 | 1.5 | 0.5 | 0.4 | 0.6 | 0.5 |
| 13 2320 | 0.78 | 0.038 | 0.1 | 0.2 | 8.2 | 8.8 | 11.2 | 10.2 | 5.1 | 5.9 | 9.5 | 6.0 | 6.5 | 3.9 | 7.0 | 5.2 | 2.5 | 1.7 | 2.6 | 1.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| 14 220 | 0.68 | 0.029 | 0.1 | 0.3 | 7.8 | 5.1 | 10.0 | 10.5 | 8.5 | 6.9 | 6.4 | 3.3 | 3.2 | 3.1 | 5.1 | 4.6 | 4.4 | 4.7 | 5.3 | 3.2 | 1.1 | 1.1 | 1.0 | 0.8 |
| 14 520 | 0.71 | 0.031 | 0.1 | 0.2 | 9.5 | 8.5 | 10.0 | 6.9 | 11.4 | 6.7 | 2.4 | 6.0 | 6.3 | 4.7 | 3.2 | 3.9 | 3.0 | 4.2 | 2.5 | 1.9 | 1.1 | 2.5 | 1.1 | 0.8 |
| 14 820 | 0.67 | 0.028 | 0.1 | 0.3 | 11.6 | 7.4 | 10.8 | 14.2 | 4.9 | 9.1 | 6.7 | 7.1 | 3.4 | 3.0 | 4.3 | 2.3 | 2.2 | 1.8 | 2.6 | 2.2 | 1.3 | 0.8 | 0.7 | 0.7 |
| 14 1120 | 0.57 | 0.020 | 0.1 | 0.4 | 7.4 | 8.5 | 11.6 | 10.6 | 7.2 | 9.3 | 9.3 | 5.8 | 5.3 | 4.0 | 4.2 | 3.0 | 2.4 | 2.1 | 1.4 | 0.9 | 0.8 | 0.8 | 0.9 | 0.4 |
| 14 1420 | 0.54 | 0.018 | 0.1 | 0.3 | 12.4 | 13.8 | 8.7 | 22.7 | 3.9 | 7.8 | 5.2 | 2.2 | 3.2 | 3.9 | 1.6 | 3.6 | 1.3 | 1.3 | 1.6 | 1.3 | 1.1 | 0.5 | 0.6 | 0.7 |
| 14 1720 | 0.61 | 0.023 | 0.1 | 0.6 | 13.4 | 7.2 | 13.0 | 13.8 | 6.2 | 7.4 | 6.8 | 3.4 | 3.9 | 3.3 | 4.2 | 3.4 | 2.3 | 2.5 | 2.1 | 1.0 | 1.0 | 0.6 | 0.6 | 0.7 |
| 14 2020 | 0.62 | 0.024 | 0.2 | 1.4 | 16.4 | 15.1 | 11.8 | 8.4 | 9.9 | 9.6 | 5.8 | 2.9 | 2.4 | 2.3 | 3.3 | 2.5 | 2.2 | 1.0 | 0.7 | 0.7 | 0.4 | 0.4 | 0.3 | 0.3 |
| 14 2320 | 0.46 | 0.013 | 0.2 | 1.0 | 9.0 | 16.3 | 12.3 | 9.9 | 5.8 | 6.9 | 7.6 | 6.8 | 3.9 | 1.8 | 2.2 | 3.2 | 2.3 | 1.8 | 1.3 | 1.7 | 1.2 | 0.8 | 0.6 | 0.6 |
| 15 220 | 0.37 | 0.008 | 0.1 | 0.8 | 4.7 | 15.3 | 12.7 | 23.2 | 5.8 | 5.1 | 4.1 | 4.4 | 1.9 | 2.9 | 3.0 | 1.9 | 2.6 | 0.9 | 1.1 | 0.9 | 1.1 | 1.1 | 1.1 | 0.9 |
| 15 520 | 0.39 | 0.009 | 0.2 | 0.3 | 3.8 | 19.8 | 12.5 | 14.3 | 12.1 | 4.8 | 4.5 | 3.9 | 3.1 | 2.3 | 2.9 | 1.5 | 2.4 | 1.3 | 1.3 | 1.7 | 1.1 | 0.7 | 0.7 | 0.6 |
| 15 820 | 0.49 | 0.015 | 0.1 | 0.2 | 2.8 | 20.3 | 14.1 | 13.8 | 9.4 | 8.5 | 5.4 | 3.4 | 2.5 | 1.9 | 4.8 | 1.8 | 1.7 | 1.6 | 1.1 | 0.8 | 0.9 | 0.9 | 0.6 | 0.4 |
| 15 1120 | 0.45 | 0.013 | 0.1 | 0.3 | 11.2 | 17.6 | 14.4 | 8.5 | 5.5 | 6.5 | 5.9 | 3.3 | 2.2 | 4.8 | 4.4 | 1.9 | 1.6 | 2.4 | 1.3 | 1.6 | 0.9 | 0.9 | 1.2 | 0.4 |
| 15 1420 | 0.35 | 0.007 | 0.2 | 0.7 | 5.3 | 25.2 | 9.5 | 13.3 | 7.3 | 5.5 | 3.9 | 4.6 | 3.2 | 1.9 | 2.6 | 0.9 | 1.9 | 1.7 | 1.6 | 1.7 | 0.9 | 0.7 | 1.6 | 0.9 |
| 15 1720 | 0.43 | 0.011 | 0.1 | 0.1 | 7.1 | 8.3 | 25.5 | 12.4 | 8.6 | 6.5 | 9.0 | 2.9 | 1.9 | 1.3 | 2.8 | 1.3 | 1.4 | 1.3 | 1.9 | 0.7 | 1.0 | 0.7 | 0.5 | 0.9 |
| 15 2020 | 0.41 | 0.010 | 0.3 | 0.2 | 6.1 | 22.4 | 8.7 | 16.4 | 8.8 | 12.0 | 4.3 | 3.3 | 1.9 | 1.8 | 1.3 | 2.9 | 0.9 | 1.2 | 1.1 | 0.7 | 0.5 | 0.7 | 0.4 | 0.5 |
| 16 220 | 0.31 | 0.006 | 0.3 | 0.2 | 10.5 | 24.3 | 12.1 | 6.0 | 7.9 | 3.6 | 2.2 | 2.0 | 2.7 | 1.7 | 3.1 | 2.2 | 2.6 | 1.9 | 1.3 | 1.7 | 1.2 | 1.2 | 0.6 | 1.1 |
| 16 520 | 0.32 | 0.006 | 0.3 | 0.3 | 4.4 | 25.4 | 9.5 | 8.1 | 8.8 | 4.6 | 5.0 | 2.0 | 2.3 | 2.6 | 1.4 | 2.5 | 1.9 | 1.9 | 1.8 | 2.0 | 1.2 | 2.4 | 1.1 | 1.2 |
| 17 220 | 0.33 | 0.007 | 0.2 | 0.2 | 10.1 | 15.4 | 6.6 | 4.3 | 6.0 | 13.4 | 7.1 | 3.7 | 4.5 | 5.9 | 1.6 | 2.5 | 2.5 | 1.7 | 1.9 | 1.5 | 0.8 | 1.0 | 0.9 | 1.7 |
| 17 520 | 0.31 | 0.006 | 0.2 | 0.3 | 4.2 | 26.1 | 13.0 | 4.1 | 12.6 | 4.0 | 3.5 | 3.9 | 3.5 | 3.8 | 2.9 | 2.3 | 2.9 | 1.3 | 1.0 | 1.1 | 1.1 | 1.2 | 1.1 | 0.8 |
| 17 820 | 0.36 | 0.008 | 0.2 | 0.1 | 3.9 | 12.9 | 9.6 | 6.6 | 8.7 | 5.4 | 5.7 | 5.6 | 5.0 | 5.9 | 5.9 | 4.5 | 2.9 | 3.5 | 2.0 | 2.0 | 1.3 | 1.4 | 0.5 | 0.6 |
| 17 1120 | 0.49 | 0.015 | 0.1 | 0.2 | 5.5 | 17.3 | 17.1 | 7.9 | 7.4 | 9.8 | 4.0 | 6.0 | 6.6 | 3.2 | 1.9 | 2.7 | 1.5 | 0.7 | 1.0 | 1.1 | 0.9 | 0.8 | 0.8 | 0.4 |
| 17 1420 | 0.41 | 0.010 | 0.1 | 0.1 | 4.1 | 17.4 | 11.9 | 7.6 | 8.0 | 17.0 | 8.1 | 8.1 | 2.1 | 1.7 | 3.2 | 1.2 | 1.2 | 1.5 | 0.4 | 0.9 | 1.0 | 0.3 | 0.4 | 0.5 |
| 17 1720 | 0.35 | 0.007 | 0.2 | 0.2 | 2.5 | 14.8 | 11.5 | 12.4 | 19.9 | 6.0 | 4.1 | 6.1 | 4.0 | 3.1 | 2.3 | 1.9 | 1.3 | 1.0 | 1.1 | 0.9 | 1.2 | 0.7 | 0.7 | 0.3 |
| 17 2020 | 0.44 | 0.012 | 0.1 | 0.1 | 1.2 | 8.3 | 18.6 | 9.0 | 11.1 | 13.2 | 9.7 | 7.5 | 3.5 | 2.0 | 2.2 | 1.4 | 1.3 | 1.0 | 0.7 | 1.2 | 0.7 | 0.9 | 0.5 | 0.8 |
| 17 2320 | 0.41 | 0.011 | 0.1 | 0.2 | 1.1 | 10.6 | 10.7 | 25.4 | 10.2 | 8.6 | 5.9 | 6.0 | 2.3 | 2.3 | 1.5 | 1.9 | 1.3 | 0.8 | 1.2 | 0.8 | 0.9 | 0.7 | 0.5 | 0.6 |

KODIAK,ALASKA GAGE C12: INNER BUOY
JAN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 18 520 | 0.25 | 0.004 | 0.4 | 0.2 | 0.5 | 7.9 | 18.0 | 11.0 | 8.6 | 11.5 | 10.1 | 4.1 | 1.5 | 1.1 | 1.2 | 1.8 | 2.0 | 1.5 | 1.7 | 1.3 | 1.1 | 1.0 | 1.2 | 1.2 |
| 18 820 | 0.29 | 0.005 | 0.2 | 0.2 | 0.9 | 3.2 | 14.6 | 14.6 | 17.8 | 6.5 | 4.1 | 3.7 | 4.4 | 2.6 | 1.5 | 2.0 | 1.1 | 1.2 | 2.0 | 0.9 | 0.9 | 1.3 | 1.0 | 1.3 |
| 18 1120 | 0.32 | 0.006 | 0.2 | 0.2 | 0.7 | 1.7 | 21.1 | 27.0 | 11.5 | 6.3 | 4.4 | 3.3 | 2.5 | 1.5 | 3.1 | 1.8 | 1.5 | 1.0 | 0.9 | 0.7 | 0.9 | 0.9 | 0.7 | 0.9 |
| 18 1420 | 0.22 | 0.003 | 0.4 | 0.8 | 1.1 | 8.5 | 19.9 | 10.6 | 11.0 | 6.3 | 3.5 | 2.6 | 3.1 | 2.4 | 1.7 | 1.3 | 2.1 | 0.5 | 1.4 | 1.4 | 1.0 | 1.0 | 1.3 | 1.4 |
| 18 1720 | 0.20 | 0.002 | 0.3 | 1.7 | 1.9 | 9.1 | 15.5 | 13.0 | 8.2 | 3.4 | 3.4 | 2.1 | 2.5 | 1.3 | 1.8 | 2.0 | 1.8 | 1.0 | 1.6 | 1.8 | 2.2 | 1.3 | 1.5 | 1.0 |
| 18 2020 | 0.23 | 0.003 | 0.4 | 2.4 | 2.8 | 4.5 | 19.8 | 13.0 | 9.9 | 4.7 | 5.3 | 6.6 | 2.3 | 1.0 | 1.7 | 1.5 | 1.2 | 0.6 | 1.4 | 1.2 | 1.3 | 2.0 | 1.4 | 1.3 |
| 18 2320 | 0.25 | 0.004 | 0.4 | 1.5 | 14.7 | 1.2 | 10.3 | 6.9 | 7.8 | 10.7 | 4.2 | 2.5 | 3.3 | 2.2 | 1.7 | 1.7 | 1.4 | 2.0 | 2.2 | 1.3 | 1.4 | 2.1 | 1.1 | 1.4 |
| 19 520 | 0.22 | 0.003 | 0.6 | 2.3 | 20.9 | 2.9 | 4.8 | 3.6 | 3.4 | 2.1 | 2.1 | 2.4 | 2.0 | 1.7 | 3.0 | 3.7 | 1.9 | 1.8 | 5.2 | 1.8 | 1.6 | 2.8 | 2.0 | 3.1 |
| 19 820 | 0.23 | 0.003 | 0.5 | 0.7 | 27.6 | 2.5 | 4.3 | 9.8 | 7.2 | 2.5 | 1.9 | 1.4 | 1.4 | 1.2 | 3.1 | 1.5 | 1.5 | 1.9 | 1.1 | 1.8 | 2.0 | 2.0 | 1.5 | 1.9 |
| 19 1120 | 0.26 | 0.004 | 0.4 | 0.3 | 18.9 | 17.2 | 4.0 | 8.0 | 6.9 | 2.7 | 1.9 | 4.6 | 3.2 | 1.3 | 1.4 | 1.5 | 1.8 | 1.0 | 1.6 | 1.7 | 1.7 | 1.6 | 1.9 | 1.8 |
| 22 820 | 0.30 | 0.006 | 0.2 | 0.1 | 0.4 | 14.5 | 38.4 | 10.1 | 8.1 | 3.8 | 1.7 | 1.3 | 2.5 | 1.9 | 1.1 | 1.3 | 1.1 | 1.8 | 1.2 | 0.9 | 1.4 | 1.0 | 0.7 | 0.6 |
| 22 1120 | 0.39 | 0.009 | 0.1 | 0.1 | 0.2 | 2.9 | 34.8 | 22.3 | 10.4 | 5.1 | 2.6 | 2.6 | 1.4 | 1.6 | 0.8 | 0.4 | 0.6 | 0.7 | 0.7 | 0.6 | 0.3 | 0.3 | 0.3 | 0.4 |
| 22 1420 | 0.29 | 0.005 | 0.4 | 0.3 | 0.9 | 7.0 | 27.4 | 15.7 | 6.4 | 7.8 | 3.8 | 1.4 | 1.7 | 0.9 | 1.0 | 0.6 | 0.5 | 1.0 | 1.1 | 1.2 | 1.0 | 0.7 | 0.9 | 0.8 |
| 22 1720 | 0.23 | 0.003 | 0.3 | 1.6 | 4.9 | 10.9 | 23.3 | 20.6 | 3.0 | 3.6 | 3.8 | 1.3 | 1.8 | 0.9 | 1.5 | 1.0 | 1.1 | 0.8 | 1.0 | 1.6 | 0.9 | 1.2 | 1.6 | 1.2 |
| 22 2020 | 0.19 | 0.002 | 0.4 | 0.8 | 4.0 | 32.0 | 17.8 | 5.3 | 4.0 | 2.8 | 2.5 | 2.0 | 1.4 | 1.5 | 1.7 | 1.4 | 0.8 | 1.1 | 1.7 | 0.8 | 1.5 | 1.0 | 1.6 | 0.8 |
| 23 820 | 0.19 | 0.002 | 1.1 | 0.5 | 2.1 | 6.1 | 7.8 | 1.9 | 1.9 | 3.9 | 1.3 | 2.0 | 1.5 | 1.3 | 2.0 | 1.5 | 2.1 | 2.9 | 2.1 | 1.6 | 3.6 | 4.6 | 2.9 | 3.4 |
| 25 2320 | 0.47 | 0.014 | 0.1 | 0.3 | 1.3 | 1.5 | 1.6 | 1.3 | 1.9 | 1.8 | 10.3 | 16.0 | 11.4 | 2.6 | 3.1 | 3.5 | 7.4 | 3.6 | 3.6 | 7.6 | 2.7 | 3.4 | 1.3 | 2.3 |
| 26 2320 | 0.43 | 0.011 | 0.1 | 1.3 | 12.9 | 15.8 | 4.2 | 5.0 | 6.9 | 7.3 | 3.9 | 3.5 | 5.4 | 2.6 | 4.8 | 3.0 | 3.6 | 3.5 | 1.5 | 1.7 | 1.5 | 1.6 | 1.6 | 1.8 |
| 27 220 | 0.39 | 0.009 | 0.3 | 0.7 | 15.4 | 22.0 | 11.9 | 3.7 | 6.5 | 4.5 | 5.8 | 2.1 | 1.3 | 2.4 | 3.4 | 3.6 | 2.8 | 1.6 | 1.7 | 1.7 | 0.7 | 0.9 | 0.9 | 0.9 |
| 27 520 | 0.44 | 0.012 | 0.1 | 0.7 | 10.3 | 20.8 | 9.7 | 9.7 | 10.0 | 7.2 | 9.3 | 2.9 | 2.7 | 2.8 | 2.5 | 1.4 | 0.9 | 1.1 | 1.0 | 0.7 | 0.7 | 0.6 | 0.5 | 0.7 |
| 27 820 | 0.38 | 0.009 | 0.2 | 1.0 | 6.8 | 5.4 | 9.3 | 12.9 | 6.9 | 9.0 | 12.6 | 11.2 | 5.5 | 2.1 | 1.7 | 1.7 | 2.0 | 1.3 | 1.5 | 1.2 | 0.8 | 1.1 | 1.0 | 0.4 |
| 27 1120 | 0.32 | 0.007 | 0.2 | 0.5 | 8.6 | 14.5 | 4.7 | 8.5 | 9.6 | 10.0 | 6.1 | 8.2 | 5.0 | 3.8 | 1.9 | 3.4 | 1.8 | 1.1 | 1.2 | 0.7 | 0.6 | 0.9 | 0.7 | 0.9 |
| 27 1420 | 0.35 | 0.008 | 0.3 | 0.8 | 4.2 | 18.1 | 13.7 | 10.8 | 6.8 | 2.2 | 4.5 | 3.1 | 3.0 | 3.9 | 2.9 | 4.5 | 2.3 | 2.3 | 1.4 | 1.6 | 2.3 | 0.8 | 1.0 | 0.8 |
| 27 1720 | 0.45 | 0.013 | 0.2 | 0.6 | 2.9 | 8.6 | 7.8 | 6.1 | 8.0 | 7.4 | 15.4 | 5.4 | 5.9 | 5.2 | 3.0 | 2.5 | 1.6 | 1.6 | 0.8 | 0.6 | 0.5 | 0.9 | 0.8 | 1.0 |
| 27 2020 | 0.45 | 0.013 | 0.3 | 1.9 | 14.5 | 9.9 | 10.0 | 8.3 | 7.8 | 9.6 | 3.8 | 3.2 | 2.2 | 2.0 | 1.3 | 0.8 | 0.6 | 0.9 | 0.4 | 0.8 | 0.7 | 1.3 | 1.6 | 3.7 |
| 28 820 | 0.39 | 0.009 | 0.2 | 2.9 | 7.9 | 5.0 | 7.5 | 13.8 | 11.9 | 6.3 | 9.6 | 6.8 | 3.7 | 3.0 | 2.6 | 1.3 | 2.1 | 1.6 | 1.0 | 1.2 | 0.8 | 1.6 | 1.5 | 0.7 |
| 28 1120 | 0.34 | 0.007 | 0.4 | 1.4 | 12.3 | 5.1 | 7.0 | 10.5 | 5.9 | 9.2 | 11.3 | 3.6 | 3.0 | 2.6 | 1.4 | 1.4 | 2.2 | 2.2 | 2.1 | 0.9 | 1.4 | 1.6 | 1.1 | 1.0 |
| 31 520 | 0.19 | 0.002 | 0.6 | 3.3 | 9.2 | 7.7 | 10.4 | 17.9 | 6.5 | 3.4 | 3.5 | 3.7 | 4.2 | 2.2 | 2.8 | 2.1 | 1.1 | 2.4 | 1.5 | 1.6 | 1.4 | 0.6 | 1.4 | 1.6 |
| 31 820 | 0.22 | 0.003 | 0.6 | 1.7 | 9.7 | 7.4 | 12.8 | 13.0 | 7.2 | 5.8 | 7.2 | 4.2 | 4.8 | 1.6 | 3.1 | 2.7 | 1.6 | 1.5 | 1.2 | 0.8 | 0.6 | 0.7 | 1.2 | 1.3 |
| 31 1120 | 0.31 | 0.006 | 0.2 | 0.9 | 6.2 | 10.3 | 15.9 | 6.7 | 10.9 | 8.5 | 6.9 | 6.6 | 4.7 | 3.7 | 2.7 | 1.6 | 1.1 | 2.3 | 0.6 | 0.8 | 0.7 | 1.3 | 0.6 | 0.7 |
| 31 1420 | 0.27 | 0.004 | 0.3 | 2.1 | 7.9 | 14.2 | 10.8 | 5.7 | 4.7 | 6.3 | 5.3 | 7.2 | 5.2 | 4.1 | 3.0 | 2.4 | 2.4 | 2.2 | 2.1 | 1.1 | 1.2 | 0.5 | 1.0 | 0.9 |
| 31 1720 | 0.25 | 0.004 | 0.6 | 2.6 | 7.3 | 15.5 | 11.8 | 3.9 | 2.3 | 6.1 | 7.7 | 3.8 | 4.1 | 4.3 | 2.3 | 1.8 | 1.7 | 1.3 | 2.0 | 1.9 | 1.4 | 2.2 | 1.3 | 1.5 |
| 31 2020 | 0.29 | 0.005 | 0.5 | 3.5 | 5.6 | 13.5 | 10.3 | 13.9 | 3.7 | 5.1 | 6.0 | 5.0 | 2.4 | 2.0 | 1.2 | 0.9 | 4.9 | 1.1 | 1.3 | 1.8 | 1.7 | 1.0 | 1.2 | 1.8 |
| 31 2320 | 0.30 | 0.006 | 0.5 | 2.8 | 4.2 | 5.4 | 19.3 | 15.4 | 6.2 | 5.1 | 4.1 | 1.6 | 2.5 | 2.8 | 1.7 | 1.8 | 1.9 | 1.5 | 1.6 | 1.6 | 2.8 | 2.0 | 1.7 | 2.4 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
FEB 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 220 | 0.24 | 0.003 | 0.3 | 6.6 | 5.6 | 4.4 | 9.8 | 4.1 | 3.5 | 3.5 | 4.8 | 2.1 | 5.6 | 8.9 | 4.2 | 3.9 | 2.7 | 2.9 | 2.4 | 1.6 | 1.8 | 1.1 | 1.9 | 1.5 |
| 1 520 | 0.18 | 0.002 | 0.8 | 5.3 | 12.6 | 9.4 | 10.7 | 6.9 | 7.1 | 5.3 | 4.4 | 1.8 | 1.8 | 2.7 | 3.0 | 2.1 | 1.7 | 1.1 | 1.4 | 0.9 | 1.5 | 1.5 | 1.9 | 1.1 |
| 1 820 | 0.22 | 0.003 | 0.5 | 8.0 | 3.8 | 7.8 | 12.9 | 11.6 | 14.0 | 6.6 | 5.6 | 2.5 | 4.3 | 2.2 | 1.8 | 1.5 | 1.6 | 1.8 | 1.5 | 1.3 | 1.5 | 0.7 | 0.4 | 0.5 |
| 1 1120 | 0.59 | 0.022 | 0.1 | 0.9 | 1.9 | 1.7 | 4.0 | 4.8 | 2.8 | 4.9 | 3.0 | 5.7 | 10.2 | 12.2 | 8.1 | 7.0 | 5.3 | 3.3 | 5.5 | 2.7 | 2.1 | 2.9 | 1.5 | 2.6 |
| 1 1420 | 1.12 | 0.079 | 0.1 | 0.1 | 0.3 | 0.2 | 0.7 | 12.1 | 25.4 | 18.2 | 8.8 | 7.9 | 3.7 | 3.8 | 3.9 | 2.7 | 1.8 | 1.9 | 1.5 | 1.0 | 0.6 | 0.8 | 0.7 | 0.6 |
| 1 1720 | 1.15 | 0.082 | 0.1 | 0.1 | 0.3 | 3.9 | 25.7 | 17.9 | 4.6 | 1.9 | 8.5 | 10.5 | 7.4 | 3.3 | 2.4 | 1.3 | 1.6 | 1.6 | 1.6 | 0.9 | 1.3 | 0.8 | 0.7 | 0.9 |
| 2 220 | 0.56 | 0.020 | 0.2 | 0.1 | 1.8 | 24.6 | 11.5 | 11.3 | 4.9 | 9.6 | 6.7 | 4.5 | 2.5 | 1.8 | 2.1 | 2.2 | 1.7 | 1.1 | 0.6 | 0.5 | 0.7 | 0.8 | 1.3 | 0.5 |
| 2 520 | 0.35 | 0.008 | 0.3 | 0.3 | 3.1 | 10.4 | 13.8 | 9.4 | 2.6 | 2.0 | 3.8 | 4.3 | 2.0 | 1.5 | 1.6 | 2.5 | 1.4 | 1.3 | 1.5 | 1.4 | 2.4 | 2.1 | 3.8 | 2.9 |
| 2 820 | 0.36 | 0.008 | 0.6 | 1.0 | 3.3 | 13.6 | 29.8 | 15.4 | 8.7 | 2.5 | 2.9 | 3.3 | 1.3 | 1.0 | 1.2 | 1.1 | 1.6 | 0.9 | 0.7 | 0.7 | 0.9 | 0.6 | 0.3 | 0.2 |
| 2 1120 | 0.63 | 0.025 | 0.1 | 21.1 | 10.8 | 6.7 | 13.7 | 12.1 | 8.1 | 5.4 | 6.7 | 2.8 | 1.7 | 2.3 | 1.0 | 1.0 | 0.8 | 0.6 | 0.7 | 0.7 | 0.5 | 0.6 | 0.3 | 0.2 |
| 2 1420 | 0.63 | 0.025 | 0.2 | 17.9 | 16.0 | 5.6 | 8.1 | 9.8 | 5.8 | 7.4 | 5.1 | 2.8 | 3.6 | 1.6 | 2.6 | 2.3 | 2.3 | 2.7 | 1.0 | 0.9 | 1.0 | 0.6 | 0.8 | 0.2 |
| 2 1720 | 0.45 | 0.013 | 0.2 | 19.1 | 13.7 | 8.6 | 15.0 | 5.2 | 4.6 | 3.9 | 3.6 | 3.1 | 4.4 | 3.6 | 1.9 | 1.3 | 1.5 | 1.6 | 2.0 | 0.7 | 1.2 | 0.6 | 0.7 | 0.3 |
| 2 2020 | 0.47 | 0.014 | 0.2 | 4.7 | 7.8 | 7.7 | 19.1 | 15.2 | 7.1 | 6.3 | 7.1 | 2.3 | 2.7 | 3.5 | 2.5 | 1.2 | 1.0 | 1.6 | 1.0 | 1.1 | 1.0 | 1.1 | 0.9 | 0.8 |
| 2 2320 | 0.47 | 0.014 | 2.1 | 8.9 | 13.9 | 11.0 | 8.2 | 9.2 | 9.8 | 4.0 | 5.3 | 4.0 | 2.2 | 3.4 | 2.8 | 3.0 | 2.4 | 1.5 | 0.9 | 0.8 | 0.6 | 1.0 | 1.1 | 0.8 |
| 3 114 | 0.47 | 0.014 | 0.1 | 1.8 | 9.8 | 11.6 | 8.3 | 19.1 | 12.1 | 4.8 | 5.3 | 3.4 | 2.5 | 2.7 | 1.8 | 3.1 | 1.3 | 1.1 | 1.9 | 1.5 | 0.7 | 0.8 | 0.4 | 0.7 |
| 3 320 | 0.34 | 0.007 | 0.3 | 2.0 | 6.6 | 14.9 | 12.0 | 10.1 | 7.3 | 7.8 | 6.3 | 3.9 | 4.8 | 3.3 | 1.1 | 2.2 | 1.9 | 1.4 | 1.2 | 1.8 | 1.2 | 1.1 | 0.8 | 0.6 |
| 3 620 | 0.22 | 0.003 | 0.6 | 2.3 | 6.9 | 5.4 | 16.3 | 16.7 | 10.7 | 4.5 | 4.5 | 3.5 | 2.4 | 1.4 | 1.7 | 1.1 | 1.9 | 1.4 | 1.6 | 1.4 | 1.1 | 1.4 | 1.3 | 0.9 |
| 3 920 | 0.27 | 0.005 | 0.3 | 1.3 | 1.6 | 7.0 | 16.1 | 12.0 | 14.8 | 9.4 | 7.4 | 7.0 | 3.2 | 3.7 | 2.1 | 1.1 | 1.9 | 1.2 | 1.0 | 1.0 | 0.8 | 0.7 | 0.5 | 0.3 |
| 3 1220 | 0.33 | 0.007 | 0.3 | 4.3 | 1.1 | 3.6 | 16.7 | 14.0 | 13.6 | 6.9 | 5.4 | 5.7 | 7.0 | 2.3 | 1.5 | 1.7 | 1.3 | 1.1 | 2.0 | 1.8 | 0.7 | 0.5 | 1.3 | 0.4 |
| 3 1520 | 0.29 | 0.005 | 0.4 | 4.8 | 2.6 | 5.8 | 8.3 | 9.0 | 11.2 | 5.7 | 9.1 | 9.7 | 6.0 | 4.5 | 2.9 | 1.9 | 1.2 | 1.1 | 0.9 | 1.5 | 0.6 | 0.6 | 0.7 | 0.5 |
| 3 1820 | 0.24 | 0.004 | 0.5 | 4.2 | 6.5 | 7.3 | 5.0 | 10.4 | 9.0 | 7.4 | 4.0 | 3.6 | 1.7 | 2.7 | 1.8 | 1.8 | 1.5 | 1.1 | 0.8 | 1.2 | 0.8 | 1.0 | 0.7 | 1.0 |
| 3 2120 | 0.29 | 0.005 | 0.6 | 5.2 | 3.6 | 4.9 | 4.3 | 10.3 | 4.2 | 5.7 | 2.0 | 1.6 | 3.1 | 1.2 | 1.5 | 1.2 | 1.5 | 1.2 | 0.6 | 1.6 | 1.8 | 1.0 | 1.9 | 2.1 |
| 4 920 | 0.46 | 0.013 | 0.3 | 0.4 | 0.7 | 3.7 | 7.8 | 6.4 | 3.2 | 1.5 | 1.5 | 3.8 | 1.2 | 0.5 | 0.4 | 0.7 | 1.7 | 1.4 | 3.9 | 7.3 | 17.2 | 9.3 | 6.1 | 3.9 |
| 4 1220 | 0.79 | 0.039 | 0.1 | 0.3 | 22.9 | 23.7 | 10.1 | 2.7 | 9.4 | 6.7 | 5.1 | 1.9 | 1.4 | 1.5 | 0.8 | 0.7 | 0.9 | 0.5 | 0.7 | 0.7 | 0.7 | 1.1 | 1.1 | 1.6 |
| 4 1520 | 0.75 | 0.035 | 0.2 | 0.3 | 20.1 | 22.6 | 8.9 | 6.9 | 7.3 | 4.5 | 5.8 | 2.1 | 3.4 | 3.1 | 2.3 | 2.7 | 1.9 | 2.1 | 1.3 | 1.6 | 0.7 | 0.4 | 0.3 | 0.5 |
| 4 1820 | 0.65 | 0.026 | 0.1 | 0.2 | 15.0 | 11.8 | 9.0 | 7.0 | 5.0 | 5.7 | 3.8 | 2.5 | 2.0 | 1.7 | 2.6 | 1.5 | 3.0 | 3.5 | 3.5 | 5.3 | 2.9 | 3.1 | 2.3 | 1.7 |
| 4 2120 | 0.45 | 0.013 | 0.1 | 0.6 | 19.9 | 7.0 | 6.9 | 4.7 | 4.7 | 3.3 | 2.8 | 1.5 | 1.8 | 2.4 | 1.5 | 2.1 | 2.3 | 2.1 | 4.0 | 4.8 | 5.1 | 4.7 | 4.1 | 2.3 |
| 5 20 | 0.47 | 0.014 | 0.2 | 0.2 | 25.2 | 8.3 | 4.1 | 4.6 | 9.0 | 2.5 | 1.3 | 1.2 | 1.8 | 2.4 | 1.3 | 1.5 | 2.3 | 2.7 | 3.8 | 4.2 | 2.3 | 5.4 | 4.0 | 2.0 |
| 5 620 | 0.32 | 0.006 | 0.3 | 0.3 | 17.1 | 20.0 | 7.4 | 3.3 | 5.5 | 6.3 | 2.8 | 4.2 | 3.5 | 2.8 | 3.8 | 2.8 | 1.8 | 2.7 | 2.0 | 1.7 | 1.8 | 2.1 | 1.2 | 1.0 |
| 5 920 | 0.35 | 0.008 | 0.3 | 0.2 | 10.1 | 16.6 | 8.8 | 6.5 | 10.2 | 6.4 | 7.0 | 5.9 | 3.1 | 2.6 | 1.9 | 2.3 | 1.7 | 0.9 | 1.2 | 1.3 | 0.6 | 1.2 | 0.5 | 0.7 |
| 5 1220 | 0.38 | 0.009 | 0.2 | 0.3 | 8.1 | 18.4 | 13.9 | 11.8 | 8.7 | 9.5 | 4.6 | 5.3 | 1.8 | 2.1 | 2.3 | 2.0 | 1.0 | 1.2 | 1.3 | 0.6 | 0.5 | 0.7 | 0.6 | 0.5 |
| 5 1520 | 0.35 | 0.007 | 0.3 | 0.4 | 4.6 | 16.8 | 13.4 | 4.8 | 7.3 | 10.4 | 10.9 | 4.3 | 3.9 | 1.9 | 2.7 | 2.6 | 1.7 | 0.8 | 1.4 | 0.8 | 0.8 | 1.1 | 0.5 | 0.6 |
| 5 1820 | 0.31 | 0.006 | 0.5 | 0.4 | 11.2 | 13.5 | 7.1 | 8.6 | 7.1 | 3.0 | 4.2 | 1.5 | 2.0 | 1.8 | 1.8 | 1.3 | 1.0 | 1.7 | 0.6 | 0.5 | 0.3 | 1.0 | 1.0 | 1.2 |
| 5 2120 | 0.29 | 0.005 | 0.4 | 0.5 | 8.2 | 16.3 | 16.1 | 7.3 | 9.2 | 5.8 | 5.3 | 2.5 | 2.2 | 1.4 | 1.7 | 0.9 | 1.8 | 1.2 | 1.0 | 1.2 | 0.8 | 0.8 | 1.0 | 1.1 |
| 6 20 | 0.42 | 0.011 | 0.2 | 0.3 | 7.1 | 6.1 | 22.7 | 18.4 | 12.7 | 6.9 | 2.9 | 2.4 | 1.7 | 2.0 | 0.9 | 0.6 | 0.9 | 1.8 | 0.9 | 0.7 | 0.3 | 0.5 | 0.7 | 0.4 |
| 6 1820 | 0.24 | 0.003 | 0.5 | 0.5 | 2.0 | 4.5 | 7.1 | 8.4 | 3.4 | 2.7 | 1.8 | 0.9 | 0.9 | 0.7 | 1.0 | 0.7 | 1.1 | 0.7 | 0.8 | 1.2 | 0.9 | 2.4 | 4.1 | 4.6 |
| 7 20 | 0.28 | 0.005 | 0.7 | 0.6 | 3.6 | 6.2 | 7.6 | 4.2 | 2.6 | 1.7 | 0.8 | 1.9 | 0.9 | 0.9 | 0.4 | 0.8 | 0.6 | 0.7 | 1.8 | 2.4 | 2.5 | 4.4 | 4.6 | 7.4 |
| 7 320 | 0.24 | 0.004 | 0.5 | 1.2 | 2.9 | 4.3 | 7.6 | 10.9 | 9.6 | 4.3 | 2.2 | 2.3 | 1.1 | 0.7 | 0.8 | 1.1 | 0.6 | 1.5 | 0.7 | 0.9 | 0.9 | 2.3 | 1.7 | 6.1 |
| 7 620 | 0.16 | 0.002 | 0.9 | 1.8 | 2.4 | 7.3 | 6.0 | 4.8 | 4.7 | 5.0 | 2.1 | 2.3 | 4.1 | 1.0 | 2.0 | 2.1 | 1.5 | 4.3 | 2.7 | 3.0 | 2.0 | 3.1 | 3.7 | 2.1 |
| 7 920 | 0.15 | 0.001 | 0.7 | 1.7 | 2.2 | 7.0 | 3.4 | 5.8 | 4.7 | 1.7 | 1.6 | 2.8 | 1.7 | 1.5 | 1.6 | 2.0 | 1.5 | 4.0 | 3.7 | 3.7 | 3.4 | 3.4 | 2.9 | 3.3 |
| 7 1220 | 0.21 | 0.003 | 0.7 | 0.6 | 1.6 | 3.6 | 3.3 | 3.3 | 1.4 | 1.6 | 1.3 | 1.7 | 1.0 | 0.9 | 1.6 | 1.3 | 0.9 | 1.7 | 2.1 | 2.0 | 5.0 | 3.5 | 11.7 | 9.0 |
| 7 1520 | 0.19 | 0.002 | 0.7 | 1.5 | 1.1 | 4.0 | 6.3 | 5.6 | 2.6 | 3.8 | 3.2 | 1.6 | 5.8 | 2.8 | 1.4 | 1.4 | 2.1 | 2.4 | 2.5 | 1.6 | 2.8 | 2.7 | 3.5 | 2.8 |
| 7 1820 | 0.15 | 0.001 | 0.6 | 3.6 | 1.7 | 3.7 | 3.5 | 5.2 | 4.7 | 3.8 | 3.8 | 5.2 | 5.6 | 1.8 | 2.6 | 1.6 | 1.4 | 2.6 | 3.7 | 4.2 | 2.3 | 3.5 | 3.1 | 3.7 |

KODIAK, ALASKA GAGE 012: INNER BUOY
FEB 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 7 2120 | 0.16 | 0.001 | 1.0 | 2.4 | 1.0 | 3.2 | 2.4 | 1.5 | 3.3 | 3.0 | 8.0 | 5.1 | 3.5 | 3.0 | 2.2 | 2.5 | 2.6 | 4.1 | 2.1 | 4.0 | 6.1 | 4.0 | 2.3 | 2.5 |
| 8 620 | 0.20 | 0.003 | 0.3 | 0.8 | 0.9 | 0.9 | 1.1 | 1.5 | 3.5 | 4.9 | 2.2 | 1.9 | 2.6 | 2.5 | 3.0 | 2.3 | 2.5 | 2.1 | 2.7 | 1.5 | 2.3 | 1.7 | 1.5 | 2.5 |
| 8 1220 | 0.23 | 0.003 | 0.4 | 0.5 | 0.6 | 1.2 | 5.9 | 6.6 | 11.9 | 13.1 | 8.3 | 4.9 | 1.4 | 2.6 | 1.6 | 1.3 | 1.4 | 1.1 | 1.4 | 0.9 | 1.9 | 1.5 | 1.7 | 1.4 |
| 8 1520 | 0.22 | 0.003 | 0.6 | 0.5 | 0.9 | 1.4 | 2.6 | 3.9 | 6.4 | 7.8 | 6.2 | 8.1 | 3.1 | 1.9 | 1.4 | 1.2 | 1.8 | 1.4 | 1.7 | 1.5 | 1.5 | 2.3 | 2.7 | 2.3 |
| 9 320 | 0.21 | 0.003 | 0.8 | 0.6 | 7.0 | 7.9 | 3.4 | 4.5 | 6.3 | 3.0 | 1.9 | 2.1 | 1.9 | 1.2 | 1.7 | 1.0 | 2.0 | 1.1 | 1.9 | 1.4 | 1.1 | 2.3 | 1.5 | 2.0 |
| 9 920 | 0.20 | 0.003 | 0.6 | 0.6 | 10.0 | 23.3 | 12.0 | 2.7 | 1.9 | 3.8 | 3.9 | 0.9 | 1.6 | 2.2 | 1.7 | 1.8 | 1.2 | 1.5 | 1.5 | 1.3 | 1.6 | 1.2 | 1.3 | 1.4 |
| 9 1220 | 0.25 | 0.004 | 0.5 | 0.4 | 5.1 | 22.8 | 5.2 | 1.3 | 1.7 | 4.7 | 2.1 | 1.8 | 1.1 | 1.0 | 1.0 | 1.2 | 0.4 | 0.7 | 1.4 | 0.9 | 1.2 | 1.1 | 1.1 | 2.9 |
| 9 1520 | 0.26 | 0.004 | 0.3 | 0.3 | 5.9 | 28.6 | 7.1 | 3.1 | 1.2 | 2.4 | 2.0 | 1.5 | 0.6 | 1.6 | 1.4 | 1.2 | 1.5 | 1.6 | 0.9 | 1.2 | 0.8 | 1.7 | 1.8 | 1.4 |
| 9 2120 | 0.19 | 0.002 | 0.6 | 0.7 | 10.4 | 32.5 | 5.9 | 1.2 | 1.1 | 4.0 | 3.6 | 1.3 | 1.3 | 2.3 | 2.2 | 0.9 | 1.0 | 1.7 | 1.6 | 1.9 | 0.9 | 1.3 | 1.6 | 1.0 |
| 10 1820 | 0.22 | 0.003 | 0.4 | 0.3 | 2.9 | 7.9 | 4.1 | 0.9 | 1.7 | 3.2 | 2.8 | 6.0 | 5.9 | 7.6 | 6.9 | 7.4 | 1.8 | 2.9 | 2.1 | 2.3 | 2.1 | 1.6 | 1.5 | 1.0 |
| 10 2120 | 0.26 | 0.004 | 0.3 | 0.4 | 0.8 | 5.9 | 2.5 | 3.4 | 11.2 | 7.3 | 12.2 | 6.9 | 4.3 | 1.3 | 3.0 | 2.7 | 1.5 | 1.3 | 1.6 | 1.3 | 1.3 | 1.1 | 1.4 | 3.1 |
| 11 20 | 0.33 | 0.007 | 0.2 | 0.2 | 1.2 | 1.7 | 5.4 | 18.1 | 18.2 | 19.0 | 8.3 | 2.6 | 3.1 | 0.9 | 2.5 | 1.0 | 1.7 | 2.0 | 0.8 | 0.7 | 1.0 | 0.8 | 0.6 | 0.5 |
| 11 320 | 0.42 | 0.011 | 0.1 | 0.1 | 1.8 | 6.5 | 8.3 | 20.9 | 6.7 | 13.1 | 12.0 | 6.2 | 6.0 | 1.0 | 1.9 | 1.6 | 2.2 | 1.4 | 1.1 | 1.0 | 0.8 | 0.5 | 0.5 | 0.8 |
| 11 620 | 0.46 | 0.013 | 0.2 | 0.2 | 3.3 | 11.4 | 20.9 | 19.0 | 9.8 | 8.4 | 5.5 | 3.5 | 3.1 | 2.4 | 2.7 | 0.9 | 0.9 | 0.9 | 0.6 | 0.5 | 0.7 | 0.4 | 0.6 | 0.5 |
| 11 920 | 0.49 | 0.015 | 0.1 | 0.2 | 4.3 | 20.7 | 22.1 | 11.3 | 8.3 | 4.1 | 3.3 | 3.0 | 4.8 | 2.6 | 2.7 | 1.7 | 1.5 | 1.9 | 1.1 | 0.6 | 0.6 | 0.9 | 0.5 | 0.6 |
| 11 1220 | 0.48 | 0.015 | 0.1 | 0.1 | 1.1 | 25.9 | 15.9 | 6.7 | 6.1 | 4.4 | 3.8 | 6.6 | 4.9 | 3.8 | 3.4 | 2.2 | 3.6 | 1.9 | 0.7 | 2.2 | 1.0 | 1.1 | 0.6 | 0.6 |
| 11 1520 | 0.50 | 0.016 | 0.1 | 0.2 | 3.5 | 13.5 | 23.9 | 11.4 | 4.5 | 4.4 | 8.0 | 3.6 | 4.3 | 2.5 | 2.8 | 2.7 | 2.0 | 2.3 | 1.9 | 0.9 | 0.7 | 0.7 | 1.1 | 0.4 |
| 11 2120 | 0.45 | 0.013 | 0.1 | 0.1 | 1.5 | 29.9 | 9.5 | 8.8 | 2.1 | 4.6 | 8.4 | 5.1 | 3.3 | 2.8 | 4.7 | 2.3 | 4.0 | 2.2 | 2.0 | 1.1 | 1.8 | 1.0 | 0.9 | 0.2 |
| 12 20 | 0.37 | 0.008 | 0.1 | 0.1 | 1.1 | 7.9 | 14.7 | 5.7 | 3.1 | 3.2 | 6.9 | 6.7 | 3.1 | 7.1 | 4.3 | 5.3 | 4.0 | 3.6 | 3.9 | 2.5 | 2.2 | 2.1 | 1.2 | 1.9 |
| 12 320 | 0.35 | 0.008 | 0.2 | 0.2 | 1.9 | 30.6 | 15.7 | 3.4 | 3.1 | 3.5 | 2.7 | 5.2 | 5.7 | 3.1 | 4.0 | 3.8 | 2.0 | 1.5 | 1.5 | 1.1 | 1.2 | 1.6 | 1.1 | 0.9 |
| 12 620 | 0.39 | 0.010 | 0.1 | 0.1 | 0.9 | 14.2 | 20.5 | 6.2 | 6.6 | 3.1 | 6.2 | 9.4 | 2.6 | 3.2 | 3.8 | 2.7 | 2.0 | 1.3 | 2.7 | 1.1 | 0.9 | 0.9 | 0.8 | 0.9 |
| 12 920 | 0.43 | 0.011 | 0.2 | 0.1 | 0.9 | 11.5 | 16.5 | 7.1 | 8.9 | 10.2 | 4.0 | 3.6 | 9.3 | 2.1 | 2.5 | 3.4 | 2.8 | 2.8 | 1.9 | 0.9 | 0.8 | 1.1 | 0.6 | 1.0 |
| 12 1220 | 0.39 | 0.009 | 0.3 | 0.1 | 2.1 | 10.0 | 14.2 | 8.1 | 9.2 | 8.9 | 5.3 | 6.0 | 3.1 | 1.8 | 4.0 | 2.2 | 2.8 | 1.6 | 1.3 | 1.1 | 1.7 | 1.2 | 0.5 | 0.7 |
| 12 1820 | 0.48 | 0.014 | 0.2 | 0.4 | 1.0 | 5.8 | 18.6 | 22.3 | 13.9 | 5.0 | 3.0 | 2.7 | 4.9 | 1.4 | 1.2 | 1.0 | 0.6 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.9 | 0.8 |
| 13 20 | 0.67 | 0.028 | 0.1 | 1.5 | 1.7 | 42.9 | 20.3 | 3.9 | 1.4 | 3.4 | 3.2 | 1.9 | 1.5 | 0.7 | 2.1 | 1.2 | 0.9 | 0.8 | 0.6 | 0.8 | 0.4 | 0.8 | 0.7 | 0.8 |
| 13 920 | 0.55 | 0.019 | 0.3 | 0.6 | 5.7 | 29.4 | 6.1 | 2.5 | 1.9 | 4.6 | 3.8 | 1.8 | 1.7 | 1.6 | 1.4 | 0.9 | 0.8 | 1.1 | 2.0 | 5.2 | 4.6 | 6.8 | 3.5 | 3.8 |
| 13 1220 | 0.50 | 0.016 | 0.4 | 0.6 | 7.4 | 29.8 | 6.5 | 1.8 | 0.9 | 4.1 | 2.4 | 1.0 | 0.8 | 1.0 | 1.2 | 0.6 | 1.4 | 0.8 | 0.9 | 1.7 | 1.4 | 4.0 | 6.8 | 6.5 |
| 13 1520 | 0.45 | 0.013 | 0.4 | 0.7 | 4.8 | 35.3 | 7.6 | 2.7 | 2.0 | 3.3 | 4.9 | 0.7 | 1.0 | 2.5 | 1.1 | 0.8 | 1.1 | 1.1 | 1.0 | 0.7 | 0.9 | 2.0 | 4.2 | 4.5 |
| 14 20 | 0.35 | 0.008 | 0.6 | 0.5 | 3.9 | 23.1 | 8.2 | 2.0 | 1.8 | 5.3 | 3.3 | 1.9 | 0.8 | 1.9 | 2.8 | 1.7 | 1.4 | 1.9 | 1.2 | 1.2 | 1.6 | 1.0 | 2.3 | 4.5 |
| 14 320 | 0.28 | 0.005 | 0.3 | 0.7 | 2.1 | 34.3 | 8.3 | 2.5 | 2.2 | 5.2 | 3.4 | 2.7 | 1.4 | 1.3 | 1.7 | 1.2 | 1.3 | 0.9 | 0.8 | 0.7 | 0.8 | 0.9 | 1.2 | 0.8 |
| 14 620 | 0.28 | 0.005 | 0.9 | 1.0 | 4.1 | 28.2 | 19.0 | 8.4 | 2.9 | 2.5 | 2.5 | 1.7 | 1.1 | 1.0 | 1.5 | 0.9 | 0.6 | 0.8 | 0.8 | 0.8 | 1.2 | 1.0 | 1.1 | 1.1 |
| 14 920 | 0.29 | 0.005 | 0.3 | 2.4 | 3.2 | 18.4 | 19.1 | 10.2 | 8.3 | 7.9 | 2.3 | 3.1 | 1.8 | 2.6 | 1.2 | 1.5 | 0.8 | 1.3 | 1.2 | 0.9 | 1.1 | 0.7 | 0.8 | 1.2 |
| 14 1220 | 0.28 | 0.005 | 0.3 | 3.4 | 5.7 | 12.0 | 15.3 | 8.9 | 6.6 | 4.7 | 9.6 | 3.5 | 2.3 | 0.9 | 2.3 | 1.5 | 2.3 | 2.2 | 1.5 | 1.1 | 1.6 | 0.9 | 0.8 | 1.4 |
| 14 1520 | 0.24 | 0.004 | 0.3 | 2.3 | 4.8 | 15.4 | 9.2 | 6.9 | 8.8 | 4.6 | 7.4 | 2.8 | 1.8 | 5.0 | 3.7 | 1.5 | 1.8 | 1.8 | 1.4 | 3.2 | 2.0 | 0.8 | 1.2 | 0.7 |
| 14 1820 | 0.29 | 0.005 | 0.3 | 3.8 | 7.9 | 17.0 | 14.3 | 8.5 | 7.5 | 3.2 | 3.4 | 3.5 | 2.0 | 4.9 | 1.6 | 1.9 | 1.6 | 1.3 | 1.3 | 0.7 | 2.1 | 1.5 | 1.0 | 0.7 |
| 15 20 | 0.29 | 0.005 | 0.3 | 2.6 | 4.7 | 8.2 | 5.1 | 3.3 | 4.0 | 4.9 | 3.0 | 4.8 | 3.8 | 4.2 | 5.3 | 3.2 | 2.2 | 2.6 | 3.7 | 3.4 | 1.8 | 2.2 | 4.1 | 2.9 |
| 15 320 | 0.21 | 0.003 | 0.4 | 2.2 | 5.1 | 7.7 | 7.8 | 5.8 | 6.9 | 2.5 | 4.9 | 5.7 | 3.3 | 3.0 | 3.0 | 2.6 | 2.9 | 3.3 | 1.7 | 2.6 | 1.3 | 1.9 | 3.6 | 2.5 |
| 15 620 | 0.21 | 0.003 | 0.4 | 0.6 | 9.2 | 9.4 | 11.3 | 10.1 | 5.0 | 6.4 | 4.1 | 4.0 | 6.6 | 2.5 | 2.5 | 2.8 | 2.8 | 3.2 | 1.3 | 1.3 | 1.9 | 1.3 | 1.2 | 0.8 |
| 15 920 | 0.28 | 0.005 | 0.6 | 1.7 | 2.5 | 5.5 | 6.1 | 8.2 | 11.8 | 7.8 | 6.8 | 7.3 | 3.4 | 1.9 | 4.1 | 1.3 | 0.6 | 1.6 | 1.1 | 1.5 | 1.7 | 1.4 | 1.8 | 1.6 |
| 15 1220 | 0.27 | 0.005 | 0.6 | 3.7 | 3.5 | 3.8 | 7.6 | 10.6 | 6.2 | 7.6 | 12.9 | 6.3 | 6.8 | 3.0 | 2.4 | 1.8 | 1.3 | 1.0 | 1.0 | 1.1 | 0.9 | 0.8 | 1.1 | 1.5 |
| 15 1520 | 0.21 | 0.003 | 1.1 | 1.3 | 8.8 | 8.1 | 7.3 | 5.7 | 6.9 | 4.4 | 4.0 | 5.1 | 4.1 | 1.6 | 1.8 | 1.4 | 1.5 | 0.4 | 0.9 | 0.6 | 0.5 | 1.5 | 1.4 | 0.6 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
FEB 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 15 1820 | 0.21 | 0.003 | 0.7 | 2.9 | 5.1 | 12.5 | 12.3 | 4.5 | 7.1 | 3.1 | 4.8 | 3.3 | 2.0 | 2.3 | 1.9 | 1.1 | 1.3 | 1.2 | 2.3 | 1.2 | 1.2 | 1.2 | 2.0 | 1.5 |
| 16 320 | 0.25 | 0.004 | 0.3 | 1.0 | 13.6 | 22.7 | 10.1 | 3.7 | 5.2 | 3.3 | 3.8 | 3.2 | 2.8 | 2.0 | 1.7 | 1.9 | 1.4 | 0.7 | 1.5 | 1.3 | 1.3 | 1.5 | 1.4 | 1.0 |
| 16 620 | 0.32 | 0.006 | 0.2 | 0.5 | 19.0 | 25.9 | 5.9 | 5.9 | 8.5 | 6.3 | 1.6 | 1.5 | 3.6 | 2.0 | 1.9 | 1.4 | 1.8 | 1.0 | 1.1 | 1.3 | 1.5 | 1.1 | 1.8 | 0.9 |
| 16 1220 | 0.42 | 0.011 | 0.1 | 0.5 | 12.2 | 12.0 | 7.1 | 8.1 | 13.7 | 9.6 | 6.7 | 4.7 | 3.7 | 2.8 | 1.9 | 2.3 | 1.6 | 1.6 | 1.5 | 0.8 | 1.0 | 0.8 | 1.3 | 0.8 |
| 16 1520 | 0.60 | 0.023 | 0.1 | 0.3 | 3.2 | 4.6 | 2.6 | 3.5 | 6.4 | 12.6 | 11.2 | 8.5 | 5.6 | 6.8 | 7.0 | 5.5 | 5.9 | 3.1 | 2.6 | 2.1 | 1.7 | 2.3 | 0.7 | 0.6 |
| 16 1820 | 0.69 | 0.029 | 0.1 | 0.2 | 1.8 | 3.0 | 1.5 | 8.9 | 17.5 | 17.5 | 8.6 | 9.1 | 3.0 | 4.2 | 3.1 | 2.7 | 2.4 | 2.1 | 1.5 | 2.0 | 0.7 | 0.6 | 0.7 | 1.0 |
| 16 2120 | 0.75 | 0.035 | 0.2 | 0.3 | 1.9 | 4.2 | 7.8 | 27.1 | 12.4 | 3.5 | 5.1 | 4.8 | 4.2 | 2.0 | 3.2 | 2.2 | 1.4 | 1.5 | 2.4 | 1.7 | 2.0 | 2.7 | 2.1 | 2.5 |
| 17 320 | 0.85 | 0.045 | 0.1 | 0.3 | 11.5 | 34.1 | 6.6 | 1.9 | 5.4 | 4.5 | 4.5 | 4.7 | 4.0 | 6.5 | 4.1 | 2.2 | 1.9 | 2.1 | 1.3 | 1.0 | 0.7 | 0.4 | 0.7 | 0.2 |
| 17 620 | 0.70 | 0.031 | 0.1 | 0.4 | 15.6 | 20.5 | 5.9 | 7.1 | 8.6 | 7.9 | 5.9 | 3.9 | 2.9 | 4.1 | 2.3 | 1.7 | 1.1 | 1.4 | 1.1 | 1.4 | 0.9 | 0.6 | 0.7 | 0.8 |
| 17 920 | 0.69 | 0.030 | 0.1 | 0.2 | 7.8 | 27.8 | 14.3 | 8.2 | 3.1 | 6.4 | 2.8 | 2.6 | 3.8 | 4.0 | 1.9 | 1.4 | 1.1 | 1.8 | 1.0 | 0.5 | 0.8 | 1.0 | 1.1 | 1.4 |
| 17 1520 | 0.46 | 0.013 | 0.2 | 0.4 | 8.3 | 21.9 | 20.1 | 11.6 | 3.2 | 5.5 | 3.8 | 1.7 | 2.0 | 3.1 | 2.5 | 0.7 | 1.1 | 1.1 | 0.6 | 1.0 | 0.7 | 0.5 | 0.4 | 0.6 |
| 17 1820 | 0.34 | 0.007 | 0.3 | 0.9 | 5.8 | 15.9 | 7.6 | 13.1 | 9.7 | 8.7 | 4.6 | 3.4 | 2.4 | 1.6 | 2.8 | 2.7 | 1.8 | 3.0 | 2.9 | 1.4 | 1.8 | 1.5 | 1.0 | 1.4 |
| 18 620 | 0.33 | 0.007 | 0.3 | 1.1 | 4.9 | 20.1 | 14.6 | 3.4 | 4.1 | 6.9 | 3.7 | 2.0 | 1.2 | 3.0 | 2.1 | 1.6 | 2.7 | 2.3 | 2.6 | 2.1 | 1.5 | 2.0 | 1.1 | 1.2 |
| 18 1820 | 0.28 | 0.005 | 0.3 | 0.5 | 13.5 | 19.0 | 12.7 | 5.4 | 4.4 | 4.5 | 3.1 | 2.0 | 1.8 | 2.3 | 2.6 | 1.9 | 1.5 | 1.9 | 1.6 | 1.8 | 1.6 | 0.8 | 1.3 | 1.4 |
| 18 2120 | 0.32 | 0.007 | 0.3 | 0.3 | 4.4 | 26.9 | 13.6 | 14.4 | 4.5 | 2.7 | 5.1 | 2.9 | 1.7 | 1.3 | 2.3 | 1.0 | 1.7 | 1.2 | 1.2 | 1.4 | 1.7 | 0.8 | 1.0 | 0.6 |
| 19 320 | 0.36 | 0.008 | 0.3 | 0.3 | 13.8 | 14.0 | 22.6 | 6.4 | 6.1 | 4.9 | 3.2 | 2.1 | 2.3 | 2.3 | 1.5 | 1.7 | 1.4 | 1.3 | 1.8 | 0.9 | 1.2 | 0.6 | 1.3 | 1.2 |
| 19 620 | 0.22 | 0.003 | 0.8 | 0.4 | 5.3 | 26.9 | 15.8 | 9.1 | 1.5 | 3.2 | 3.3 | 2.5 | 1.4 | 2.2 | 2.5 | 1.4 | 1.3 | 2.2 | 1.0 | 1.4 | 1.2 | 0.6 | 1.2 | 0.5 |
| 19 920 | 0.60 | 0.023 | 0.4 | 0.2 | 0.4 | 1.5 | 1.4 | 0.7 | 0.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 | 1.6 | 5.4 | 17.6 | 17.6 | 14.4 | 18.5 | 5.3 | 3.4 | 2.0 |
| 19 1220 | 0.48 | 0.014 | 0.4 | 0.2 | 0.7 | 5.7 | 6.7 | 1.8 | 0.9 | 0.5 | 0.5 | 0.5 | 0.3 | 0.2 | 0.6 | 0.9 | 2.2 | 2.7 | 5.6 | 6.8 | 21.0 | 13.4 | 7.9 | 8.9 |
| 19 1520 | 0.61 | 0.023 | 0.4 | 0.4 | 0.6 | 1.5 | 0.9 | 0.3 | 0.2 | 0.3 | 0.4 | 0.2 | 0.4 | 0.4 | 0.9 | 0.8 | 6.4 | 9.8 | 24.5 | 7.4 | 21.6 | 3.2 | 4.7 | 3.6 |
| 19 1820 | 0.73 | 0.033 | 0.2 | 0.3 | 0.3 | 0.5 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 1.4 | 1.9 | 10.3 | 18.3 | 28.1 | 16.0 | 5.8 | 3.2 | 3.5 | 3.2 |
| 20 2120 | 0.15 | 0.001 | 0.7 | 0.7 | 3.5 | 10.8 | 4.0 | 3.9 | 2.9 | 2.3 | 1.9 | 2.5 | 2.5 | 1.3 | 1.4 | 1.3 | 1.7 | 2.9 | 2.6 | 2.7 | 3.1 | 3.0 | 4.0 | 4.0 |
| 21 620 | 0.19 | 0.002 | 0.3 | 0.9 | 4.4 | 3.5 | 2.0 | 2.2 | 1.7 | 3.6 | 5.1 | 4.7 | 4.0 | 3.2 | 2.2 | 2.8 | 3.0 | 2.7 | 3.0 | 4.3 | 3.8 | 4.1 | 2.3 | 5.0 |
| 21 920 | 0.39 | 0.009 | 0.3 | 0.4 | 1.1 | 1.5 | 0.3 | 0.8 | 0.8 | 1.2 | 1.4 | 4.2 | 2.9 | 5.3 | 4.9 | 5.1 | 4.3 | 6.6 | 7.6 | 5.9 | 6.7 | 4.8 | 4.5 | 3.1 |
| 21 1220 | 1.05 | 0.068 | 0.1 | 0.1 | 0.3 | 0.6 | 5.4 | 27.5 | 22.1 | 6.9 | 5.4 | 3.0 | 4.2 | 5.5 | 3.4 | 2.0 | 2.8 | 1.0 | 1.7 | 1.0 | 1.4 | 0.9 | 1.0 | 1.2 |
| 21 2120 | 0.37 | 0.008 | 0.2 | 0.7 | 1.8 | 7.7 | 7.1 | 5.3 | 7.3 | 2.7 | 2.5 | 2.2 | 2.5 | 2.1 | 2.9 | 2.5 | 4.6 | 2.2 | 2.7 | 4.7 | 7.8 | 8.8 | 2.0 | 4.2 |
| 22 620 | 0.37 | 0.008 | 0.2 | 1.2 | 1.5 | 3.3 | 15.0 | 13.7 | 7.2 | 13.4 | 4.9 | 10.7 | 4.7 | 1.8 | 2.7 | 1.4 | 1.3 | 2.3 | 0.8 | 1.8 | 1.8 | 1.0 | 1.0 | 1.6 |
| 22 920 | 0.27 | 0.005 | 0.3 | 1.0 | 1.4 | 3.9 | 10.5 | 15.6 | 11.2 | 12.9 | 7.8 | 6.3 | 3.9 | 3.4 | 2.5 | 2.4 | 0.8 | 1.8 | 1.2 | 1.3 | 0.8 | 0.9 | 1.4 | 3.7 |
| 22 1220 | 0.31 | 0.006 | 0.3 | 0.9 | 1.7 | 11.8 | 11.3 | 13.6 | 10.0 | 10.6 | 5.7 | 5.8 | 3.5 | 2.9 | 2.1 | 2.2 | 1.7 | 1.2 | 0.9 | 0.7 | 0.6 | 1.1 | 0.8 | 0.9 |
| 22 1520 | 0.39 | 0.009 | 0.2 | 0.6 | 1.9 | 4.9 | 11.4 | 20.4 | 10.8 | 8.6 | 11.1 | 6.6 | 3.8 | 2.9 | 2.8 | 1.4 | 1.4 | 1.1 | 0.5 | 0.7 | 1.0 | 0.7 | 0.8 | 0.6 |
| 22 1820 | 0.30 | 0.006 | 0.3 | 2.6 | 1.8 | 3.2 | 8.4 | 13.7 | 10.6 | 5.5 | 11.0 | 8.7 | 2.9 | 3.6 | 2.6 | 1.4 | 2.4 | 1.5 | 1.1 | 1.3 | 1.6 | 2.1 | 1.2 | 1.7 |
| 24 620 | 0.22 | 0.003 | 0.6 | 2.2 | 4.4 | 5.9 | 18.4 | 8.8 | 6.5 | 6.9 | 6.3 | 7.5 | 5.3 | 5.0 | 2.7 | 2.1 | 2.0 | 1.0 | 1.3 | 1.0 | 0.7 | 1.1 | 0.9 | 0.9 |
| 24 920 | 0.22 | 0.003 | 0.6 | 1.8 | 4.1 | 1.6 | 8.8 | 11.4 | 15.0 | 16.6 | 5.3 | 4.4 | 4.9 | 2.3 | 3.1 | 2.2 | 1.5 | 2.0 | 2.3 | 1.1 | 1.0 | 1.1 | 0.7 | 1.2 |
| 24 1220 | 0.22 | 0.003 | 0.6 | 3.6 | 5.8 | 3.5 | 7.3 | 10.4 | 10.8 | 11.4 | 6.8 | 4.2 | 6.6 | 5.5 | 3.2 | 3.1 | 2.2 | 1.2 | 2.0 | 0.9 | 1.0 | 0.5 | 0.4 | 0.9 |
| 24 1520 | 0.24 | 0.003 | 0.4 | 3.8 | 7.0 | 1.7 | 11.3 | 8.0 | 9.2 | 11.4 | 12.7 | 8.9 | 4.3 | 2.6 | 2.7 | 2.8 | 1.4 | 1.4 | 1.5 | 0.8 | 1.0 | 0.8 | 0.6 | 0.6 |
| 24 1820 | 0.23 | 0.003 | 0.3 | 3.2 | 3.1 | 3.9 | 7.4 | 11.2 | 6.7 | 11.6 | 7.3 | 6.1 | 12.7 | 4.2 | 5.4 | 2.2 | 2.0 | 1.7 | 1.1 | 0.8 | 1.1 | 0.7 | 0.5 | 1.0 |
| 24 2120 | 0.21 | 0.003 | 0.7 | 2.0 | 2.1 | 3.6 | 7.2 | 8.2 | 9.4 | 4.8 | 5.7 | 7.8 | 8.9 | 5.6 | 4.6 | 3.2 | 2.1 | 1.6 | 1.3 | 1.4 | 1.1 | 1.3 | 1.5 | 1.2 |
| 25 620 | 0.46 | 0.013 | 1.1 | 0.4 | 1.7 | 1.0 | 1.7 | 2.4 | 8.0 | 12.7 | 14.0 | 11.4 | 3.2 | 3.6 | 5.5 | 4.2 | 4.2 | 3.8 | 1.9 | 2.7 | 2.6 | 3.6 | 3.3 | 1.2 |
| 25 920 | 0.55 | 0.019 | 0.1 | 0.2 | 0.4 | 0.4 | 2.3 | 3.4 | 7.5 | 11.2 | 12.2 | 10.5 | 9.0 | 4.2 | 5.3 | 5.1 | 6.2 | 5.2 | 3.4 | 3.3 | 2.7 | 0.8 | 1.1 | 1.0 |
| 25 1220 | 0.56 | 0.019 | 0.1 | 0.1 | 0.5 | 0.4 | 1.8 | 3.5 | 11.5 | 23.0 | 15.7 | 7.1 | 7.3 | 3.2 | 3.9 | 3.3 | 2.3 | 2.2 | 2.1 | 2.0 | 1.8 | 1.3 | 2.5 | 0.4 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
FEB 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 25 1520 | 0.52 | 0.017 | 0.1 | 0.2 | 1.0 | 0.6 | 3.2 | 5.9 | 19.5 | 18.9 | 8.1 | 4.9 | 5.1 | 5.0 | 4.2 | 3.9 | 3.9 | 3.6 | 2.0 | 2.0 | 1.3 | 0.9 | 0.7 | 1.0 |
| 25 1820 | 0.63 | 0.025 | 0.1 | 0.2 | 0.4 | 0.3 | 1.5 | 5.1 | 25.3 | 15.6 | 11.3 | 7.4 | 5.7 | 5.0 | 2.8 | 2.8 | 3.4 | 2.2 | 3.1 | 1.2 | 0.2 | 0.9 | 1.0 | 0.6 |
| 25 2120 | 0.64 | 0.025 | 0.2 | 0.1 | 0.4 | 0.3 | 1.3 | 14.9 | 32.3 | 16.1 | 2.5 | 4.9 | 4.3 | 3.1 | 4.0 | 1.8 | 2.5 | 2.8 | 1.3 | 1.0 | 0.6 | 0.8 | 0.7 | 0.6 |
| 26 20 | 0.63 | 0.025 | 0.1 | 0.0 | 0.3 | 0.9 | 6.0 | 35.3 | 10.7 | 4.5 | 4.6 | 3.2 | 6.8 | 5.6 | 2.4 | 3.4 | 1.5 | 0.8 | 1.2 | 1.3 | 1.7 | 0.8 | 1.4 | 0.4 |
| 26 320 | 0.64 | 0.025 | 0.2 | 0.1 | 0.3 | 2.4 | 28.5 | 13.6 | 6.2 | 3.6 | 1.5 | 3.2 | 5.3 | 3.2 | 4.0 | 2.2 | 2.6 | 3.3 | 2.0 | 2.1 | 2.6 | 1.2 | 1.1 | 1.0 |
| 26 620 | 0.84 | 0.044 | 0.1 | 0.1 | 0.3 | 3.9 | 22.2 | 15.1 | 8.8 | 8.9 | 3.5 | 6.1 | 8.0 | 3.3 | 2.1 | 1.8 | 2.5 | 1.6 | 1.5 | 0.9 | 1.1 | 0.9 | 1.1 | 0.4 |
| 26 920 | 0.99 | 0.062 | 0.1 | 0.1 | 0.8 | 12.0 | 35.9 | 4.5 | 5.3 | 4.4 | 7.0 | 9.4 | 5.2 | 1.9 | 2.3 | 1.4 | 1.8 | 0.8 | 1.0 | 0.8 | 0.6 | 0.5 | 0.5 | 0.3 |
| 26 1220 | 1.04 | 0.068 | 0.1 | 0.1 | 2.3 | 33.6 | 8.1 | 7.5 | 1.9 | 9.5 | 3.7 | 5.0 | 5.8 | 3.2 | 3.9 | 3.1 | 2.1 | 1.4 | 1.3 | 0.5 | 0.6 | 0.4 | 0.4 | 0.5 |
| 26 1520 | 1.09 | 0.074 | 0.2 | 0.1 | 14.2 | 11.5 | 11.4 | 3.1 | 5.4 | 12.1 | 9.0 | 6.2 | 7.0 | 2.9 | 3.6 | 1.0 | 2.5 | 0.9 | 0.5 | 0.8 | 0.8 | 0.6 | 0.8 | 1.4 |
| 26 1820 | 1.12 | 0.079 | 0.1 | 0.3 | 9.3 | 13.6 | 10.6 | 5.9 | 9.0 | 10.4 | 4.6 | 7.2 | 3.8 | 4.6 | 3.3 | 1.8 | 2.4 | 2.4 | 1.1 | 0.6 | 1.0 | 0.5 | 1.3 | 1.5 |
| 26 2120 | 1.03 | 0.066 | 0.1 | 0.4 | 15.4 | 18.4 | 5.8 | 4.5 | 12.5 | 7.0 | 7.6 | 3.7 | 3.0 | 3.8 | 2.8 | 2.8 | 2.0 | 1.1 | 0.6 | 0.9 | 1.1 | 0.7 | 1.0 | 1.3 |
| 27 20 | 1.07 | 0.071 | 0.1 | 0.2 | 27.7 | 13.3 | 6.1 | 4.2 | 6.3 | 10.3 | 8.5 | 2.5 | 3.1 | 3.7 | 1.6 | 1.4 | 1.2 | 1.5 | 1.2 | 0.7 | 0.3 | 0.3 | 0.6 | 0.9 |
| 27 320 | 0.80 | 0.040 | 0.2 | 0.5 | 16.3 | 23.1 | 8.3 | 4.8 | 7.3 | 4.7 | 3.2 | 7.6 | 3.8 | 3.0 | 3.7 | 0.7 | 2.5 | 1.8 | 0.8 | 0.4 | 0.5 | 0.6 | 0.7 | 0.6 |
| 27 620 | 0.78 | 0.038 | 0.2 | 0.7 | 23.3 | 18.1 | 8.9 | 7.2 | 7.5 | 6.6 | 3.9 | 3.8 | 3.2 | 2.8 | 2.5 | 1.8 | 1.6 | 0.7 | 0.8 | 0.5 | 0.4 | 0.3 | 0.3 | 0.4 |
| 27 920 | 0.83 | 0.043 | 0.1 | 1.1 | 20.2 | 16.3 | 8.5 | 7.1 | 11.5 | 6.5 | 5.9 | 2.9 | 4.0 | 2.3 | 3.4 | 1.8 | 0.9 | 1.0 | 0.7 | 0.4 | 0.2 | 0.4 | 0.3 | 0.3 |
| 27 1220 | 0.76 | 0.036 | 0.2 | 1.2 | 23.5 | 7.9 | 17.8 | 4.3 | 9.1 | 4.8 | 4.6 | 3.9 | 3.6 | 3.8 | 2.3 | 1.5 | 1.3 | 0.7 | 0.8 | 0.5 | 0.5 | 0.3 | 0.4 | 0.6 |
| 27 1520 | 0.64 | 0.026 | 0.1 | 0.1 | 13.7 | 18.0 | 9.4 | 6.0 | 6.6 | 9.9 | 3.9 | 5.4 | 3.9 | 3.2 | 3.0 | 1.2 | 2.2 | 2.2 | 1.4 | 0.6 | 1.5 | 0.6 | 0.6 | 0.4 |
| 27 1820 | 0.81 | 0.041 | 0.2 | 0.1 | 22.6 | 17.3 | 10.7 | 4.2 | 8.7 | 9.6 | 3.5 | 2.6 | 2.8 | 4.1 | 1.8 | 1.6 | 1.1 | 1.5 | 1.0 | 0.8 | 0.3 | 0.4 | 0.3 | 0.6 |
| 28 7 | 0.60 | 0.023 | 0.1 | 0.2 | 19.7 | 25.9 | 7.5 | 7.4 | 6.6 | 4.3 | 5.1 | 1.6 | 1.2 | 3.0 | 1.7 | 1.1 | 1.9 | 2.2 | 2.2 | 0.6 | 1.1 | 0.6 | 0.7 | 1.0 |
| 28 320 | 0.44 | 0.012 | 0.4 | 0.1 | 11.5 | 29.8 | 11.8 | 3.6 | 3.0 | 7.5 | 2.9 | 2.5 | 2.6 | 5.4 | 1.2 | 1.0 | 1.3 | 1.1 | 1.9 | 1.2 | 0.6 | 0.9 | 0.9 | 0.9 |
| 28 620 | 0.45 | 0.013 | 0.2 | 0.2 | 5.8 | 40.2 | 11.7 | 9.4 | 5.0 | 6.1 | 3.9 | 2.6 | 1.6 | 1.4 | 1.9 | 0.8 | 1.0 | 0.6 | 0.5 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 |
| 28 920 | 0.52 | 0.017 | 0.2 | 0.4 | 11.8 | 19.8 | 21.1 | 6.7 | 5.2 | 3.6 | 4.8 | 1.5 | 0.9 | 1.4 | 1.8 | 1.0 | 0.6 | 1.1 | 1.0 | 1.0 | 1.1 | 0.5 | 1.5 | 3.0 |
| 28 1220 | 0.52 | 0.017 | 0.2 | 0.4 | 13.6 | 18.8 | 10.9 | 5.5 | 4.8 | 4.1 | 3.4 | 3.4 | 1.4 | 0.9 | 1.3 | 1.0 | 0.6 | 1.3 | 0.9 | 2.6 | 1.8 | 2.8 | 3.5 | 4.7 |
| 28 1520 | 0.41 | 0.010 | 0.4 | 0.3 | 9.5 | 21.3 | 12.5 | 5.2 | 1.8 | 3.7 | 4.0 | 0.8 | 1.0 | 1.8 | 1.6 | 0.9 | 2.4 | 0.9 | 1.0 | 0.9 | 0.9 | 1.9 | 0.7 | 2.9 |
| 28 1820 | 0.45 | 0.013 | 0.3 | 0.3 | 9.7 | 23.3 | 19.0 | 6.7 | 3.5 | 1.9 | 2.6 | 2.1 | 1.2 | 1.3 | 0.9 | 0.6 | 0.6 | 0.6 | 0.7 | 0.6 | 0.9 | 1.2 | 1.6 | 2.8 |
| 28 2120 | 0.57 | 0.021 | 0.3 | 0.1 | 8.4 | 15.4 | 23.7 | 11.1 | 4.9 | 6.1 | 3.0 | 2.1 | 2.2 | 1.3 | 1.3 | 0.8 | 1.3 | 0.9 | 1.3 | 0.9 | 1.1 | 1.0 | 1.6 | 1.6 |
| 29 20 | 0.48 | 0.014 | 0.2 | 0.1 | 12.3 | 21.7 | 11.1 | 11.9 | 3.3 | 4.8 | 6.4 | 4.3 | 3.1 | 1.5 | 2.4 | 2.0 | 1.9 | 0.9 | 1.6 | 0.8 | 0.4 | 0.5 | 0.5 | 0.4 |
| 29 320 | 0.44 | 0.012 | 0.3 | 0.2 | 5.0 | 36.1 | 9.4 | 3.9 | 4.9 | 8.1 | 3.9 | 2.6 | 2.4 | 2.0 | 2.6 | 1.0 | 1.1 | 0.8 | 1.0 | 0.5 | 0.3 | 0.4 | 0.5 | 0.5 |
| 29 620 | 0.45 | 0.013 | 0.3 | 0.1 | 4.6 | 19.5 | 15.5 | 3.3 | 3.2 | 3.8 | 4.2 | 3.5 | 2.1 | 2.5 | 2.7 | 1.8 | 2.4 | 0.8 | 1.0 | 0.6 | 0.4 | 1.2 | 1.5 | 3.3 |
| 29 920 | 0.50 | 0.015 | 0.2 | 0.2 | 2.2 | 25.1 | 19.2 | 12.7 | 5.1 | 4.2 | 4.6 | 4.6 | 3.1 | 2.6 | 1.8 | 1.3 | 1.7 | 0.6 | 0.4 | 0.9 | 0.7 | 0.5 | 0.6 | 0.4 |
| 29 1220 | 0.46 | 0.013 | 0.2 | 0.2 | 5.1 | 17.4 | 19.5 | 13.3 | 3.7 | 4.0 | 7.6 | 4.5 | 1.9 | 1.4 | 0.9 | 1.9 | 1.2 | 1.4 | 1.0 | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 |
| 29 1520 | 0.38 | 0.009 | 0.2 | 0.1 | 2.6 | 34.0 | 16.7 | 8.0 | 3.6 | 4.7 | 6.3 | 2.8 | 1.2 | 1.7 | 1.7 | 1.1 | 1.4 | 1.2 | 0.7 | 0.7 | 0.7 | 0.5 | 0.4 | 0.5 |
| 29 1820 | 0.35 | 0.008 | 0.3 | 0.2 | 0.9 | 16.6 | 29.8 | 6.8 | 3.3 | 3.8 | 5.3 | 3.6 | 2.5 | 1.9 | 1.8 | 2.9 | 0.8 | 1.4 | 1.0 | 0.9 | 0.9 | 0.6 | 0.6 | 0.8 |
| 29 2120 | 0.41 | 0.011 | 0.1 | 0.1 | 0.4 | 11.0 | 32.5 | 13.5 | 4.7 | 4.3 | 6.8 | 5.7 | 3.8 | 2.8 | 2.1 | 1.8 | 1.7 | 1.5 | 0.5 | 1.1 | 0.9 | 0.6 | 0.4 | 0.6 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.0214E HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 20 | 0.45 | 0.013 | 0.1 | 0.1 | 0.8 | 7.0 | 27.1 | 8.1 | 4.9 | 3.4 | 9.1 | 7.1 | 7.5 | 3.5 | 4.9 | 2.6 | 2.2 | 1.8 | 1.3 | 1.6 | 1.5 | 0.8 | 1.0 | 0.5 |
| 1 320 | 0.29 | 0.005 | 0.3 | 0.4 | 1.0 | 8.5 | 26.0 | 9.8 | 5.0 | 4.3 | 5.6 | 4.7 | 5.0 | 3.4 | 3.7 | 3.2 | 2.4 | 2.1 | 1.4 | 1.1 | 1.7 | 1.7 | 1.0 | 1.1 |
| 1 620 | 0.30 | 0.006 | 9.4 | 4.8 | 3.6 | 9.3 | 22.1 | 12.7 | 9.2 | 8.4 | 3.9 | 3.4 | 2.1 | 2.3 | 1.2 | 1.8 | 1.4 | 1.5 | 0.9 | 0.6 | 0.4 | 0.6 | 0.4 | 0.6 |
| 1 920 | 0.32 | 0.006 | 0.3 | 0.2 | 0.6 | 3.5 | 29.1 | 27.5 | 4.7 | 6.4 | 3.1 | 3.3 | 5.2 | 2.7 | 1.1 | 0.6 | 0.9 | 0.9 | 0.6 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 |
| 1 1220 | 0.32 | 0.006 | 0.4 | 0.3 | 0.4 | 4.5 | 25.8 | 21.5 | 6.8 | 3.4 | 1.7 | 1.5 | 2.4 | 1.1 | 1.0 | 0.5 | 0.6 | 0.7 | 0.4 | 0.3 | 0.9 | 0.7 | 2.5 | 2.9 |
| 1 1520 | 0.22 | 0.003 | 0.7 | 0.5 | 0.9 | 6.5 | 23.3 | 15.4 | 5.1 | 3.8 | 0.6 | 1.9 | 2.1 | 1.9 | 0.6 | 1.1 | 1.4 | 0.9 | 0.9 | 1.5 | 1.1 | 0.7 | 0.9 | 1.5 |
| 1 1820 | 0.25 | 0.004 | 0.7 | 0.4 | 0.6 | 3.1 | 16.6 | 13.7 | 7.6 | 1.9 | 1.9 | 1.5 | 2.5 | 1.7 | 1.2 | 1.9 | 1.8 | 0.6 | 0.9 | 0.9 | 0.9 | 1.0 | 3.2 | 4.6 |
| 1 2120 | 0.49 | 0.015 | 0.2 | 0.2 | 1.7 | 11.6 | 35.9 | 12.5 | 6.0 | 2.1 | 3.0 | 3.9 | 1.8 | 0.6 | 0.8 | 0.7 | 0.8 | 0.7 | 0.5 | 0.7 | 0.3 | 0.8 | 1.4 | 1.6 |
| 2 20 | 0.61 | 0.023 | 0.2 | 0.2 | 10.6 | 18.9 | 13.6 | 6.3 | 4.4 | 11.8 | 5.7 | 1.5 | 2.0 | 2.1 | 3.2 | 4.6 | 2.3 | 1.3 | 1.0 | 0.9 | 0.9 | 0.6 | 0.8 | 0.9 |
| 2 320 | 0.44 | 0.012 | 0.1 | 0.3 | 18.3 | 23.2 | 11.9 | 1.9 | 2.9 | 2.7 | 9.1 | 2.8 | 3.1 | 4.1 | 2.2 | 3.2 | 2.3 | 2.2 | 1.6 | 1.5 | 0.9 | 0.7 | 0.6 | 0.6 |
| 2 620 | 0.49 | 0.015 | 0.2 | 0.1 | 7.0 | 41.0 | 7.8 | 6.1 | 3.7 | 3.5 | 5.4 | 2.4 | 3.0 | 3.3 | 1.7 | 3.0 | 1.4 | 1.3 | 1.0 | 1.6 | 0.7 | 0.9 | 0.5 | 0.3 |
| 2 920 | 0.49 | 0.015 | 0.1 | 0.3 | 9.6 | 25.3 | 10.3 | 8.4 | 6.6 | 6.1 | 3.7 | 4.1 | 1.5 | 2.3 | 2.6 | 1.5 | 1.6 | 1.5 | 1.4 | 0.6 | 0.5 | 0.5 | 0.4 | 1.4 |
| 2 1220 | 0.44 | 0.012 | 0.2 | 1.2 | 15.6 | 11.4 | 15.7 | 13.1 | 9.8 | 6.1 | 3.5 | 5.5 | 1.9 | 2.5 | 1.3 | 1.7 | 1.1 | 1.0 | 1.1 | 0.6 | 0.8 | 0.4 | 0.8 | 1.0 |
| 2 1520 | 0.41 | 0.010 | 0.3 | 2.2 | 23.4 | 13.4 | 7.7 | 4.5 | 6.7 | 3.1 | 2.1 | 3.9 | 4.8 | 5.9 | 1.6 | 2.0 | 2.1 | 1.5 | 1.8 | 1.4 | 2.0 | 1.8 | 1.6 | 1.1 |
| 2 1820 | 0.38 | 0.009 | 0.2 | 0.9 | 14.8 | 40.3 | 4.3 | 2.1 | 2.9 | 4.0 | 1.4 | 2.2 | 2.6 | 3.0 | 1.6 | 1.9 | 1.0 | 1.3 | 1.6 | 1.1 | 1.2 | 0.9 | 2.2 | 1.0 |
| 2 2120 | 0.72 | 0.033 | 0.1 | 0.4 | 4.1 | 9.5 | 6.8 | 1.7 | 1.8 | 2.2 | 3.1 | 7.5 | 10.7 | 8.8 | 7.4 | 11.1 | 4.6 | 4.3 | 3.0 | 2.3 | 2.5 | 1.4 | 1.2 | 1.9 |
| 3 20 | 1.10 | 0.076 | 0.1 | 0.5 | 1.0 | 1.3 | 1.6 | 4.2 | 16.6 | 20.7 | 10.2 | 6.1 | 10.7 | 7.1 | 5.9 | 2.1 | 2.9 | 1.5 | 1.9 | 0.9 | 0.7 | 0.8 | 0.9 | 0.6 |
| 3 320 | 0.92 | 0.053 | 0.1 | 0.2 | 1.1 | 1.4 | 11.0 | 19.4 | 9.8 | 4.3 | 8.7 | 10.1 | 6.5 | 5.4 | 3.9 | 3.1 | 4.3 | 1.8 | 1.8 | 1.3 | 1.2 | 1.2 | 0.7 | 0.6 |
| 3 620 | 0.51 | 0.016 | 0.1 | 0.4 | 0.6 | 7.2 | 17.8 | 23.4 | 7.9 | 5.6 | 3.1 | 6.9 | 5.4 | 3.4 | 2.9 | 1.9 | 2.0 | 1.3 | 1.4 | 2.2 | 1.6 | 0.8 | 0.8 | 0.8 |
| 3 920 | 0.62 | 0.024 | 0.1 | 0.7 | 0.6 | 4.8 | 34.5 | 17.4 | 4.1 | 4.5 | 4.0 | 5.0 | 4.2 | 1.5 | 1.8 | 2.4 | 2.1 | 1.3 | 1.7 | 1.5 | 0.6 | 1.6 | 0.7 | 0.5 |
| 3 1220 | 0.66 | 0.027 | 0.1 | 0.8 | 1.1 | 3.5 | 12.3 | 19.9 | 7.1 | 7.3 | 11.9 | 6.1 | 3.1 | 4.8 | 3.6 | 4.7 | 2.8 | 2.3 | 1.5 | 1.1 | 0.9 | 0.8 | 0.6 | 0.8 |
| 3 1520 | 0.52 | 0.017 | 0.1 | 1.5 | 0.6 | 3.2 | 23.1 | 16.9 | 9.8 | 6.7 | 7.4 | 6.5 | 2.4 | 1.5 | 2.6 | 3.5 | 1.5 | 2.9 | 1.9 | 1.3 | 1.1 | 1.2 | 1.3 | 0.4 |
| 3 1820 | 0.42 | 0.011 | 0.1 | 0.3 | 0.7 | 5.3 | 27.5 | 20.7 | 9.7 | 6.2 | 7.1 | 5.2 | 1.7 | 1.7 | 1.7 | 1.9 | 0.9 | 1.8 | 1.0 | 0.6 | 1.0 | 1.0 | 0.4 | 0.4 |
| 3 2120 | 0.61 | 0.024 | 0.1 | 1.0 | 1.0 | 2.1 | 12.8 | 11.2 | 10.8 | 8.1 | 6.7 | 6.0 | 5.6 | 3.8 | 4.7 | 5.6 | 4.5 | 2.1 | 2.4 | 1.8 | 1.2 | 1.9 | 1.0 | 0.7 |
| 4 20 | 0.87 | 0.047 | 0.1 | 0.2 | 0.4 | 1.1 | 5.7 | 21.5 | 12.7 | 8.1 | 4.5 | 3.6 | 3.8 | 5.2 | 4.9 | 4.0 | 2.4 | 2.0 | 1.9 | 1.7 | 1.5 | 2.6 | 3.0 | 1.7 |
| 4 320 | 1.10 | 0.076 | 0.1 | 0.1 | 0.3 | 10.0 | 39.1 | 6.6 | 5.0 | 6.7 | 7.3 | 6.0 | 4.4 | 3.2 | 1.1 | 1.6 | 1.6 | 1.2 | 0.7 | 0.6 | 0.3 | 0.5 | 0.3 | 0.4 |
| 4 620 | 0.99 | 0.062 | 0.1 | 0.3 | 0.3 | 21.6 | 7.1 | 7.4 | 3.9 | 5.0 | 13.0 | 4.9 | 7.2 | 5.1 | 5.3 | 4.6 | 3.8 | 2.2 | 1.6 | 1.5 | 1.1 | 1.2 | 0.6 | 0.6 |
| 4 920 | 1.14 | 0.081 | 0.1 | 0.1 | 0.7 | 17.2 | 12.4 | 4.7 | 5.8 | 9.7 | 7.1 | 12.5 | 5.2 | 7.9 | 4.6 | 2.7 | 1.9 | 1.7 | 0.9 | 1.0 | 0.8 | 0.4 | 0.6 | 0.6 |
| 4 1220 | 1.19 | 0.089 | 0.2 | 0.2 | 6.3 | 25.2 | 4.0 | 8.7 | 5.7 | 13.0 | 9.3 | 3.1 | 3.1 | 3.6 | 4.4 | 3.2 | 2.7 | 1.7 | 1.7 | 0.5 | 0.5 | 0.8 | 0.5 | 0.5 |
| 4 1520 | 1.04 | 0.068 | 0.1 | 1.3 | 16.7 | 6.6 | 5.1 | 6.4 | 22.5 | 6.7 | 5.1 | 4.7 | 6.8 | 4.4 | 3.2 | 1.9 | 1.9 | 1.9 | 1.5 | 0.7 | 0.8 | 0.2 | 0.4 | 0.1 |
| 4 1820 | 0.90 | 0.051 | 0.2 | 5.2 | 22.8 | 5.1 | 8.6 | 10.6 | 5.7 | 3.1 | 4.7 | 2.3 | 6.1 | 4.3 | 5.6 | 3.6 | 2.7 | 3.1 | 1.6 | 0.7 | 1.1 | 0.6 | 0.7 | 0.3 |
| 4 2120 | 0.86 | 0.046 | 0.1 | 2.1 | 20.3 | 9.4 | 5.7 | 10.7 | 9.6 | 4.0 | 4.4 | 3.8 | 3.7 | 4.6 | 3.2 | 4.1 | 2.8 | 2.3 | 3.0 | 1.2 | 1.2 | 0.9 | 0.7 | 0.3 |
| 5 320 | 0.87 | 0.047 | 0.1 | 0.3 | 16.5 | 10.5 | 10.0 | 10.3 | 14.2 | 7.9 | 5.2 | 5.2 | 3.2 | 4.1 | 2.3 | 2.2 | 1.5 | 1.7 | 1.1 | 0.6 | 0.5 | 0.4 | 0.3 | 0.4 |
| 5 620 | 0.53 | 0.017 | 0.2 | 0.5 | 14.3 | 10.4 | 12.4 | 8.2 | 10.6 | 5.2 | 5.6 | 2.9 | 3.1 | 3.8 | 1.8 | 2.1 | 2.2 | 1.8 | 1.4 | 1.2 | 1.3 | 0.5 | 0.8 | 0.9 |
| 5 920 | 0.78 | 0.038 | 1.5 | 1.1 | 8.6 | 10.4 | 6.8 | 14.6 | 7.5 | 7.3 | 5.3 | 3.9 | 4.3 | 4.2 | 3.0 | 3.0 | 2.7 | 2.2 | 0.9 | 1.2 | 0.7 | 0.9 | 0.7 | 1.1 |
| 5 1220 | 1.01 | 0.064 | 0.1 | 0.2 | 3.6 | 7.9 | 16.4 | 13.4 | 4.7 | 7.7 | 7.8 | 4.8 | 4.2 | 4.6 | 5.0 | 4.7 | 3.3 | 2.0 | 1.8 | 1.8 | 1.2 | 1.0 | 0.9 | 0.6 |
| 5 1520 | 0.98 | 0.060 | 0.1 | 0.1 | 3.0 | 7.0 | 20.3 | 7.0 | 5.6 | 10.0 | 10.4 | 7.7 | 8.3 | 3.2 | 4.2 | 4.1 | 2.0 | 1.5 | 0.8 | 1.0 | 0.5 | 0.6 | 0.6 | 0.7 |
| 5 1820 | 0.70 | 0.031 | 0.1 | 0.2 | 2.2 | 6.6 | 17.9 | 11.1 | 5.5 | 4.2 | 5.9 | 8.4 | 4.6 | 9.0 | 2.9 | 3.5 | 3.5 | 2.6 | 2.7 | 1.7 | 0.8 | 1.6 | 1.4 | 1.0 |
| 5 2120 | 0.65 | 0.026 | 0.1 | 0.2 | 1.8 | 8.4 | 16.8 | 9.8 | 8.6 | 7.5 | 3.8 | 3.7 | 5.8 | 5.0 | 4.1 | 3.2 | 4.6 | 4.6 | 2.1 | 2.2 | 1.4 | 1.0 | 0.9 | 1.4 |
| 6 20 | 0.77 | 0.037 | 0.1 | 0.4 | 1.7 | 11.9 | 16.4 | 12.1 | 6.3 | 7.4 | 7.4 | 5.7 | 5.3 | 3.9 | 2.7 | 5.0 | 1.8 | 2.3 | 2.2 | 1.0 | 1.3 | 1.2 | 0.9 | 0.4 |
| 6 320 | 0.73 | 0.033 | 1.8 | 1.5 | 4.6 | 7.4 | 11.7 | 14.4 | 9.9 | 6.6 | 11.0 | 7.2 | 5.1 | 3.8 | 3.2 | 3.9 | 2.1 | 1.3 | 0.7 | 0.7 | 0.5 | 0.6 | 0.4 | 0.4 |
| 6 620 | 0.54 | 0.018 | 0.1 | 0.2 | 4.5 | 15.4 | 13.4 | 12.9 | 11.0 | 5.5 | 5.3 | 5.3 | 3.5 | 3.0 | 3.6 | 2.7 | 2.5 | 2.3 | 1.7 | 1.5 | 1.5 | 0.5 | 0.5 | 0.4 |
| 6 920 | 0.54 | 0.018 | 0.1 | 0.2 | 3.4 | 10.4 | 21.3 | 6.8 | 12.2 | 7.2 | 6.1 | 3.9 | 4.5 | 4.8 | 4.5 | 4.1 | 2.3 | 1.6 | 1.4 | 0.9 | 1.0 | 0.4 | 0.6 | 0.3 |
| 6 1220 | 0.65 | 0.026 | 0.2 | 0.4 | 10.4 | 6.1 | 15.2 | 11.7 | 9.5 | 11.5 | 6.3 | 7.7 | 3.3 | 4.3 | 2.0 | 2.0 | 2.3 | 1.7 | 0.9 | 1.0 | 0.9 | 0.6 | 0.6 | 0.5 |

KODIAK/ALASKA GAGE 012: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 1520 | 0.65 | 0.026 | 0.1 | 0.1 | 18.4 | 8.0 | 8.5 | 14.4 | 9.5 | 9.2 | 6.1 | 2.5 | 3.5 | 4.2 | 2.2 | 2.7 | 1.5 | 1.8 | 1.9 | 1.2 | 0.6 | 0.5 | 0.8 | 0.5 |
| 6 1820 | 0.49 | 0.015 | 0.1 | 0.2 | 8.5 | 16.4 | 7.2 | 10.4 | 10.3 | 6.1 | 6.6 | 4.3 | 3.3 | 4.5 | 3.6 | 2.2 | 2.4 | 2.1 | 2.0 | 2.9 | 0.6 | 1.2 | 0.9 | 0.7 |
| 6 2120 | 0.54 | 0.018 | 0.1 | 0.2 | 4.0 | 9.7 | 18.6 | 8.6 | 9.3 | 7.5 | 4.9 | 2.1 | 3.3 | 3.4 | 5.5 | 3.2 | 2.6 | 2.4 | 2.6 | 1.2 | 1.0 | 1.9 | 1.3 | 0.6 |
| 7 20 | 0.91 | 0.052 | 0.1 | 0.1 | 3.6 | 8.9 | 17.2 | 16.2 | 6.6 | 6.0 | 10.4 | 3.5 | 2.9 | 4.1 | 2.6 | 1.9 | 3.2 | 2.3 | 1.4 | 1.3 | 0.8 | 0.9 | 1.0 | 1.2 |
| 7 320 | 0.86 | 0.047 | 0.1 | 0.2 | 3.8 | 5.0 | 22.2 | 7.0 | 7.1 | 6.5 | 5.8 | 5.4 | 6.0 | 5.1 | 5.7 | 5.3 | 3.7 | 2.8 | 1.9 | 1.1 | 1.1 | 0.8 | 0.3 | 0.6 |
| 7 620 | 0.64 | 0.026 | 0.1 | 0.1 | 1.3 | 5.0 | 10.8 | 11.3 | 8.2 | 6.2 | 6.9 | 5.6 | 4.5 | 5.2 | 3.0 | 6.3 | 4.8 | 5.2 | 4.4 | 2.8 | 2.0 | 1.4 | 0.6 | 0.9 |
| 7 920 | 0.52 | 0.017 | 0.1 | 0.4 | 2.7 | 12.8 | 17.5 | 6.3 | 11.2 | 5.0 | 5.1 | 4.6 | 3.5 | 5.6 | 2.8 | 4.0 | 2.7 | 2.1 | 2.4 | 1.1 | 1.6 | 1.0 | 2.4 | 1.0 |
| 7 1220 | 0.64 | 0.026 | 0.1 | 0.1 | 3.4 | 5.0 | 13.4 | 14.9 | 7.6 | 8.8 | 8.1 | 9.3 | 5.5 | 4.4 | 3.5 | 2.5 | 1.6 | 2.6 | 1.7 | 1.3 | 1.5 | 0.6 | 0.9 | 0.7 |
| 7 1520 | 0.61 | 0.023 | 0.1 | 0.2 | 5.4 | 9.4 | 19.0 | 11.6 | 8.3 | 10.5 | 5.6 | 5.3 | 3.4 | 2.3 | 3.5 | 1.7 | 2.0 | 3.6 | 2.0 | 1.4 | 0.6 | 1.1 | 0.7 | 0.4 |
| 7 1820 | 0.43 | 0.012 | 0.2 | 0.3 | 5.6 | 6.9 | 7.6 | 17.0 | 13.8 | 6.3 | 4.3 | 4.2 | 5.1 | 3.7 | 4.1 | 1.6 | 2.6 | 2.3 | 1.2 | 2.8 | 1.1 | 2.2 | 0.7 | 1.2 |
| 7 2120 | 0.35 | 0.007 | 0.2 | 0.3 | 2.9 | 24.8 | 9.4 | 11.1 | 10.4 | 4.9 | 5.7 | 4.8 | 3.8 | 1.8 | 2.7 | 2.9 | 1.7 | 1.2 | 1.5 | 1.2 | 0.9 | 0.8 | 1.2 | 1.2 |
| 8 20 | 0.42 | 0.011 | 0.2 | 0.3 | 1.8 | 7.9 | 12.8 | 13.4 | 8.6 | 10.5 | 7.1 | 2.2 | 6.9 | 3.7 | 5.9 | 4.1 | 1.5 | 2.6 | 1.5 | 0.6 | 1.0 | 1.0 | 0.4 | 0.7 |
| 8 320 | 0.49 | 0.015 | 0.1 | 0.2 | 1.9 | 11.4 | 13.6 | 25.8 | 5.9 | 8.2 | 5.8 | 4.6 | 3.0 | 1.8 | 3.1 | 1.7 | 2.1 | 1.2 | 1.5 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 |
| 8 620 | 0.32 | 0.006 | 0.2 | 0.3 | 2.3 | 6.3 | 21.1 | 19.3 | 8.2 | 6.8 | 5.3 | 4.8 | 1.9 | 3.0 | 2.6 | 2.9 | 2.1 | 0.9 | 0.7 | 1.1 | 1.4 | 1.4 | 0.8 | 0.8 |
| 8 920 | 0.28 | 0.005 | 0.4 | 1.0 | 2.8 | 9.6 | 10.4 | 24.5 | 17.6 | 4.0 | 4.2 | 3.0 | 2.7 | 2.1 | 2.5 | 1.5 | 1.3 | 1.1 | 1.1 | 0.7 | 0.4 | 0.9 | 0.4 | 0.5 |
| 8 1220 | 0.35 | 0.007 | 0.2 | 0.4 | 0.8 | 16.5 | 7.2 | 12.9 | 16.4 | 10.6 | 6.0 | 5.4 | 3.0 | 3.3 | 2.3 | 1.2 | 2.6 | 1.3 | 0.9 | 1.2 | 1.1 | 1.0 | 0.6 | 0.5 |
| 8 1520 | 0.41 | 0.010 | 0.3 | 0.8 | 1.5 | 7.5 | 14.4 | 17.6 | 18.8 | 4.9 | 4.1 | 3.6 | 3.3 | 4.0 | 2.3 | 2.2 | 1.2 | 1.4 | 1.6 | 0.9 | 0.5 | 1.1 | 0.8 | 0.5 |
| 8 1820 | 0.33 | 0.007 | 0.2 | 0.6 | 1.6 | 7.2 | 8.9 | 8.4 | 10.7 | 13.5 | 10.1 | 5.8 | 3.7 | 3.8 | 2.7 | 2.4 | 2.0 | 1.8 | 1.6 | 1.3 | 2.6 | 1.5 | 1.1 | 1.2 |
| 8 2120 | 0.41 | 0.010 | 0.1 | 0.6 | 0.6 | 2.3 | 3.8 | 8.6 | 17.0 | 6.1 | 5.1 | 8.4 | 6.3 | 2.3 | 7.1 | 1.9 | 2.4 | 2.3 | 2.8 | 2.5 | 1.5 | 2.7 | 1.6 | 1.4 |
| 9 20 | 0.72 | 0.033 | 0.1 | 0.2 | 0.2 | 0.9 | 5.6 | 27.3 | 22.1 | 6.1 | 5.2 | 3.1 | 2.5 | 2.7 | 4.5 | 2.8 | 3.7 | 1.1 | 1.5 | 1.4 | 0.9 | 0.6 | 0.6 | 0.7 |
| 9 320 | 0.88 | 0.048 | 0.1 | 0.1 | 0.2 | 0.9 | 10.5 | 18.6 | 7.9 | 3.9 | 8.1 | 11.9 | 3.6 | 7.7 | 5.1 | 4.3 | 2.6 | 1.7 | 1.3 | 1.6 | 1.4 | 0.7 | 1.1 | 1.5 |
| 9 620 | 1.09 | 0.075 | 0.1 | 0.2 | 0.5 | 15.3 | 18.5 | 8.8 | 4.0 | 6.8 | 12.3 | 7.5 | 3.2 | 5.0 | 2.6 | 2.9 | 2.0 | 1.8 | 2.1 | 1.7 | 0.8 | 0.6 | 0.5 | 0.8 |
| 9 920 | 1.21 | 0.092 | 0.1 | 0.2 | 0.8 | 15.1 | 8.9 | 5.9 | 6.4 | 11.2 | 14.1 | 10.1 | 6.1 | 5.1 | 3.9 | 3.8 | 1.5 | 1.1 | 1.1 | 1.0 | 0.7 | 0.8 | 0.3 | 0.4 |
| 9 1220 | 1.14 | 0.081 | 0.1 | 0.2 | 1.5 | 24.3 | 9.2 | 6.3 | 3.4 | 5.8 | 14.0 | 5.5 | 3.5 | 7.7 | 5.1 | 3.1 | 2.3 | 1.1 | 1.4 | 1.2 | 0.7 | 0.6 | 0.6 | 0.7 |
| 9 1520 | 1.02 | 0.065 | 0.1 | 0.2 | 8.3 | 22.3 | 10.1 | 6.4 | 6.4 | 8.8 | 10.6 | 5.7 | 5.1 | 2.5 | 2.2 | 3.5 | 2.1 | 1.3 | 1.0 | 0.4 | 0.8 | 0.3 | 0.2 | 0.2 |
| 9 1820 | 0.96 | 0.057 | 0.1 | 0.2 | 5.6 | 14.2 | 12.8 | 9.3 | 7.5 | 7.2 | 9.7 | 8.0 | 3.4 | 3.1 | 3.3 | 3.9 | 2.1 | 1.4 | 1.6 | 0.9 | 1.1 | 1.1 | 0.6 | 0.8 |
| 9 2120 | 0.77 | 0.037 | 0.1 | 0.2 | 3.9 | 19.0 | 6.1 | 9.8 | 7.1 | 9.6 | 4.9 | 5.5 | 3.8 | 4.8 | 3.6 | 2.2 | 4.6 | 3.9 | 2.3 | 1.9 | 1.3 | 0.9 | 0.9 | 1.2 |
| 10 20 | 0.77 | 0.037 | 0.1 | 0.4 | 3.0 | 17.0 | 12.8 | 12.3 | 12.3 | 7.0 | 6.9 | 3.8 | 4.2 | 4.3 | 2.6 | 2.3 | 1.5 | 2.0 | 1.4 | 1.3 | 0.7 | 0.8 | 0.6 | 0.4 |
| 10 320 | 0.78 | 0.038 | 0.1 | 0.3 | 4.8 | 20.0 | 8.2 | 12.4 | 7.2 | 6.6 | 5.6 | 6.1 | 3.4 | 4.2 | 2.6 | 4.3 | 2.1 | 2.5 | 1.8 | 1.7 | 1.2 | 1.2 | 0.7 | 0.8 |
| 10 920 | 0.67 | 0.028 | 0.1 | 0.5 | 1.3 | 12.3 | 11.3 | 16.3 | 13.5 | 8.7 | 8.0 | 3.6 | 3.8 | 2.8 | 1.5 | 3.3 | 1.3 | 2.6 | 1.2 | 1.1 | 1.0 | 1.3 | 1.1 | 0.5 |
| 10 1220 | 0.81 | 0.041 | 0.1 | 0.5 | 0.5 | 6.4 | 16.2 | 15.4 | 10.7 | 7.5 | 7.7 | 5.5 | 2.8 | 5.6 | 2.7 | 2.9 | 2.4 | 3.0 | 1.8 | 2.6 | 1.4 | 0.8 | 0.7 | 0.8 |
| 10 1520 | 0.91 | 0.052 | 0.1 | 0.2 | 0.8 | 4.2 | 11.4 | 27.7 | 7.5 | 7.7 | 7.5 | 6.9 | 5.1 | 4.6 | 2.3 | 2.9 | 1.7 | 3.2 | 0.8 | 1.4 | 1.0 | 0.5 | 0.5 | 0.4 |
| 10 1820 | 0.77 | 0.037 | 0.1 | 0.2 | 0.7 | 10.2 | 28.8 | 8.5 | 11.3 | 7.3 | 5.5 | 3.4 | 3.4 | 2.3 | 1.7 | 2.3 | 3.6 | 2.2 | 1.4 | 1.0 | 1.3 | 0.9 | 1.0 | 0.5 |
| 10 2120 | 0.59 | 0.022 | 0.2 | 0.5 | 0.6 | 16.8 | 17.5 | 11.1 | 6.6 | 3.8 | 6.3 | 3.0 | 3.6 | 3.8 | 4.1 | 2.9 | 2.9 | 3.8 | 1.8 | 2.0 | 1.1 | 1.4 | 2.0 | 0.4 |
| 11 320 | 0.69 | 0.030 | 0.1 | 0.2 | 0.6 | 10.2 | 24.4 | 14.5 | 6.1 | 4.9 | 5.7 | 10.3 | 3.0 | 2.6 | 2.2 | 2.1 | 1.7 | 2.7 | 1.8 | 2.3 | 0.7 | 0.7 | 0.5 | 0.3 |
| 11 620 | 0.64 | 0.025 | 0.1 | 0.3 | 1.0 | 12.8 | 20.3 | 8.0 | 6.6 | 9.0 | 9.2 | 5.0 | 4.5 | 1.3 | 2.3 | 2.9 | 3.0 | 2.5 | 1.6 | 1.1 | 1.6 | 1.5 | 0.7 | 1.1 |
| 11 920 | 0.63 | 0.025 | 0.1 | 0.4 | 0.4 | 15.2 | 10.5 | 6.5 | 5.6 | 3.3 | 10.2 | 9.8 | 6.3 | 4.1 | 2.9 | 3.8 | 3.9 | 2.9 | 3.1 | 1.7 | 1.7 | 1.6 | 1.3 | 1.4 |
| 11 1220 | 0.66 | 0.027 | 0.1 | 0.3 | 0.3 | 13.6 | 12.8 | 7.2 | 19.6 | 6.3 | 7.8 | 5.2 | 5.3 | 3.8 | 2.5 | 2.9 | 2.6 | 1.9 | 2.2 | 0.6 | 1.0 | 0.6 | 0.6 | 0.5 |
| 11 1520 | 0.62 | 0.024 | 0.1 | 0.3 | 1.0 | 11.3 | 13.1 | 12.5 | 10.4 | 11.7 | 7.2 | 5.1 | 5.4 | 4.1 | 2.8 | 2.8 | 2.7 | 1.6 | 1.2 | 1.5 | 0.8 | 0.8 | 0.8 | 0.6 |
| 11 1820 | 0.59 | 0.021 | 0.1 | 0.5 | 1.0 | 14.3 | 13.5 | 13.8 | 10.8 | 10.4 | 6.7 | 3.8 | 3.8 | 4.2 | 3.9 | 2.6 | 1.8 | 1.3 | 1.0 | 1.3 | 1.1 | 0.4 | 0.5 | 0.6 |
| 11 2120 | 0.47 | 0.014 | 0.1 | 0.4 | 1.0 | 16.3 | 26.1 | 4.6 | 9.1 | 6.6 | 5.2 | 4.7 | 4.3 | 2.2 | 2.2 | 2.1 | 2.9 | 1.0 | 1.3 | 2.9 | 1.6 | 0.9 | 0.8 | 0.4 |
| 12 320 | 0.48 | 0.014 | 0.1 | 0.2 | 1.0 | 12.6 | 7.6 | 13.4 | 10.4 | 6.7 | 10.1 | 10.6 | 3.9 | 2.2 | 2.1 | 3.7 | 2.8 | 1.6 | 1.8 | 1.6 | 1.0 | 1.4 | 0.9 | 0.7 |
| 12 620 | 0.46 | 0.013 | 0.1 | 0.3 | 0.6 | 9.5 | 15.3 | 10.1 | 7.6 | 7.9 | 7.6 | 6.3 | 5.6 | 3.4 | 3.7 | 3.0 | 2.1 | 2.5 | 3.3 | 1.4 | 2.5 | 0.8 | 1.3 | 1.0 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 12 920 | 0.44 | 0.012 | 0.1 | 0.3 | 1.6 | 8.2 | 18.7 | 9.3 | 5.9 | 6.3 | 4.3 | 10.7 | 6.4 | 3.4 | 3.0 | 2.7 | 2.8 | 2.9 | 2.1 | 1.5 | 1.3 | 1.4 | 1.4 | 1.0 |
| 12 1220 | 0.40 | 0.010 | 0.2 | 0.4 | 1.2 | 3.6 | 15.4 | 9.5 | 10.3 | 4.5 | 5.5 | 7.1 | 6.0 | 9.2 | 4.0 | 2.6 | 3.3 | 2.0 | 1.1 | 1.3 | 1.7 | 1.0 | 1.2 | 1.4 |
| 12 1520 | 0.43 | 0.011 | 0.2 | 0.2 | 1.1 | 9.7 | 18.1 | 17.5 | 7.1 | 6.5 | 6.5 | 6.3 | 3.2 | 4.1 | 2.6 | 2.1 | 2.4 | 1.6 | 1.4 | 0.8 | 1.2 | 0.6 | 0.9 | 1.4 |
| 13 20 | 0.31 | 0.006 | 1.1 | 0.8 | 1.4 | 2.9 | 16.8 | 10.7 | 7.6 | 4.9 | 9.7 | 4.7 | 3.7 | 11.2 | 3.9 | 2.3 | 2.5 | 1.8 | 2.0 | 1.7 | 1.0 | 1.1 | 1.1 | 1.1 |
| 13 320 | 0.32 | 0.006 | 0.2 | 0.3 | 1.1 | 4.4 | 18.1 | 13.2 | 13.7 | 4.6 | 5.1 | 4.1 | 5.3 | 4.7 | 2.3 | 2.3 | 1.5 | 1.0 | 1.7 | 1.9 | 1.3 | 1.6 | 1.7 | 1.1 |
| 13 620 | 0.36 | 0.008 | 0.2 | 0.2 | 0.9 | 17.5 | 17.2 | 8.4 | 9.3 | 5.6 | 3.8 | 6.7 | 2.6 | 3.2 | 3.3 | 3.1 | 1.8 | 2.3 | 2.0 | 1.0 | 1.2 | 1.3 | 1.6 | 1.5 |
| 13 920 | 0.46 | 0.013 | 0.2 | 0.2 | 1.0 | 22.7 | 11.5 | 8.2 | 10.7 | 5.8 | 4.8 | 5.3 | 4.5 | 2.9 | 2.7 | 2.1 | 1.8 | 2.6 | 0.7 | 1.3 | 2.3 | 0.9 | 0.7 | 0.6 |
| 13 1220 | 0.41 | 0.010 | 0.1 | 0.2 | 0.9 | 24.8 | 19.0 | 9.3 | 6.0 | 3.9 | 5.9 | 4.1 | 3.2 | 2.1 | 2.5 | 3.3 | 2.3 | 1.1 | 2.3 | 1.6 | 1.4 | 0.9 | 0.6 | 0.4 |
| 13 1520 | 0.35 | 0.007 | 0.2 | 0.4 | 1.1 | 27.2 | 15.5 | 9.2 | 4.6 | 5.5 | 2.5 | 5.7 | 3.4 | 2.5 | 1.8 | 2.9 | 2.2 | 1.2 | 1.0 | 1.0 | 1.9 | 0.7 | 1.3 | 0.5 |
| 13 1820 | 0.36 | 0.008 | 0.2 | 0.3 | 1.3 | 12.6 | 20.8 | 18.1 | 7.1 | 4.5 | 3.6 | 5.4 | 2.6 | 2.4 | 3.3 | 1.7 | 2.0 | 1.9 | 1.4 | 1.1 | 0.8 | 0.8 | 1.5 | 0.9 |
| 13 2120 | 0.36 | 0.008 | 0.1 | 0.5 | 0.8 | 11.5 | 19.8 | 13.9 | 7.5 | 5.8 | 5.5 | 6.3 | 1.3 | 3.2 | 1.9 | 3.2 | 2.2 | 2.1 | 1.1 | 1.8 | 1.5 | 1.0 | 0.7 | 0.9 |
| 14 20 | 0.32 | 0.006 | 0.2 | 0.3 | 1.5 | 18.6 | 10.9 | 8.4 | 7.3 | 5.4 | 2.9 | 4.6 | 8.2 | 3.7 | 1.9 | 2.1 | 2.5 | 1.8 | 1.7 | 2.8 | 1.3 | 2.1 | 1.5 | 1.5 |
| 14 620 | 0.39 | 0.010 | 0.1 | 0.2 | 0.8 | 10.5 | 17.3 | 10.3 | 7.6 | 8.7 | 8.8 | 2.9 | 6.4 | 2.9 | 1.9 | 1.8 | 2.7 | 1.6 | 1.4 | 1.8 | 1.5 | 0.9 | 1.5 | 0.9 |
| 14 920 | 0.50 | 0.015 | 0.1 | 0.1 | 0.6 | 17.2 | 15.2 | 4.2 | 6.2 | 10.1 | 13.2 | 6.8 | 4.7 | 2.3 | 3.3 | 2.4 | 2.7 | 1.8 | 1.2 | 1.1 | 0.9 | 1.0 | 0.6 | 0.7 |
| 14 1220 | 0.39 | 0.009 | 0.1 | 0.3 | 0.8 | 7.4 | 26.2 | 11.2 | 8.0 | 5.6 | 8.9 | 6.3 | 5.4 | 3.0 | 2.2 | 1.8 | 2.2 | 1.8 | 1.1 | 0.9 | 0.8 | 0.8 | 0.8 | 0.5 |
| 14 1520 | 0.29 | 0.005 | 0.2 | 0.6 | 0.7 | 20.0 | 17.8 | 5.1 | 3.8 | 6.8 | 6.7 | 5.8 | 4.5 | 3.7 | 1.6 | 4.2 | 2.0 | 2.0 | 1.4 | 1.2 | 0.9 | 2.2 | 0.6 | 0.9 |
| 14 1820 | 0.40 | 0.010 | 0.2 | 0.2 | 0.7 | 4.1 | 15.8 | 10.8 | 4.3 | 4.5 | 4.2 | 4.8 | 5.4 | 5.1 | 3.8 | 4.1 | 2.4 | 2.5 | 2.1 | 2.3 | 2.7 | 6.7 | 2.4 | 2.2 |
| 14 2120 | 0.44 | 0.012 | 0.2 | 0.3 | 0.5 | 3.1 | 6.4 | 6.6 | 4.9 | 6.5 | 5.0 | 5.5 | 8.2 | 8.2 | 6.2 | 4.6 | 5.0 | 3.4 | 3.2 | 3.8 | 3.5 | 3.4 | 1.7 | 1.6 |
| 15 20 | 0.32 | 0.006 | 0.3 | 0.6 | 0.5 | 4.1 | 10.6 | 5.4 | 4.8 | 15.7 | 9.9 | 11.1 | 3.3 | 2.0 | 4.1 | 2.3 | 3.1 | 2.2 | 2.3 | 1.9 | 1.8 | 1.3 | 2.0 | 1.7 |
| 15 320 | 0.29 | 0.005 | 0.6 | 0.3 | 0.9 | 2.4 | 10.4 | 4.0 | 7.3 | 5.4 | 9.8 | 5.0 | 3.0 | 2.5 | 1.9 | 1.3 | 1.8 | 2.6 | 2.8 | 7.6 | 4.7 | 4.8 | 3.5 | 3.4 |
| 15 620 | 0.57 | 0.020 | 0.1 | 0.2 | 0.3 | 0.4 | 2.0 | 1.8 | 2.2 | 6.3 | 7.7 | 10.6 | 6.4 | 7.8 | 7.6 | 7.4 | 5.4 | 8.7 | 4.5 | 2.8 | 3.1 | 2.6 | 2.2 | 1.2 |
| 15 920 | 0.72 | 0.032 | 0.1 | 0.3 | 0.4 | 0.9 | 3.3 | 5.0 | 8.8 | 17.4 | 9.2 | 12.9 | 6.9 | 7.9 | 5.1 | 4.6 | 3.1 | 2.9 | 2.0 | 2.3 | 1.1 | 0.5 | 1.3 | 1.0 |
| 15 1220 | 0.69 | 0.030 | 0.1 | 0.1 | 0.2 | 0.5 | 2.5 | 7.1 | 23.6 | 11.1 | 9.6 | 6.3 | 4.7 | 4.3 | 5.0 | 6.1 | 3.6 | 2.1 | 2.0 | 1.9 | 1.9 | 1.2 | 0.9 | 1.1 |
| 15 1520 | 0.49 | 0.015 | 0.1 | 0.4 | 0.3 | 0.4 | 2.7 | 12.4 | 19.0 | 16.1 | 11.3 | 7.1 | 4.9 | 4.0 | 2.0 | 2.5 | 2.6 | 1.6 | 1.5 | 2.7 | 1.2 | 1.5 | 0.5 | 0.9 |
| 15 1820 | 0.57 | 0.020 | 0.2 | 0.9 | 0.4 | 0.4 | 3.4 | 13.9 | 20.9 | 13.9 | 5.7 | 7.7 | 3.3 | 3.6 | 1.9 | 3.6 | 3.2 | 3.2 | 2.5 | 1.7 | 1.4 | 1.8 | 1.0 | 0.9 |
| 15 2120 | 0.61 | 0.023 | 0.1 | 0.3 | 0.4 | 0.6 | 2.7 | 12.0 | 19.0 | 15.8 | 10.3 | 4.5 | 4.9 | 5.4 | 4.9 | 1.9 | 3.2 | 2.1 | 1.6 | 1.3 | 1.4 | 1.8 | 1.0 | 0.6 |
| 16 20 | 0.42 | 0.011 | 0.1 | 1.5 | 0.7 | 1.1 | 7.0 | 16.6 | 19.0 | 21.0 | 6.5 | 3.6 | 1.2 | 2.2 | 2.3 | 2.0 | 1.7 | 1.9 | 1.5 | 1.5 | 1.1 | 1.6 | 0.6 | 0.9 |
| 16 320 | 0.36 | 0.008 | 0.2 | 0.6 | 0.5 | 1.1 | 5.3 | 21.7 | 30.7 | 6.6 | 3.8 | 2.7 | 2.2 | 2.2 | 2.8 | 2.7 | 1.6 | 1.9 | 1.6 | 2.0 | 1.9 | 0.7 | 1.1 | 0.5 |
| 16 620 | 0.47 | 0.014 | 0.1 | 0.6 | 0.3 | 0.6 | 3.0 | 24.1 | 24.8 | 9.3 | 3.8 | 4.3 | 2.3 | 4.3 | 3.4 | 3.9 | 2.5 | 1.7 | 2.0 | 1.7 | 1.1 | 0.9 | 1.0 | 0.8 |
| 16 920 | 0.62 | 0.024 | 0.1 | 0.2 | 0.2 | 0.6 | 10.6 | 27.6 | 15.8 | 5.3 | 5.8 | 5.2 | 7.4 | 2.9 | 3.3 | 2.4 | 2.0 | 1.5 | 1.3 | 1.4 | 1.8 | 1.0 | 0.7 | 0.4 |
| 16 1220 | 0.67 | 0.028 | 0.1 | 0.3 | 0.2 | 0.6 | 11.1 | 29.7 | 12.7 | 9.2 | 7.4 | 3.2 | 6.1 | 4.3 | 3.0 | 2.2 | 1.8 | 1.1 | 0.7 | 1.9 | 0.5 | 1.0 | 0.4 | 0.5 |
| 16 1520 | 0.50 | 0.015 | 0.1 | 0.8 | 0.4 | 1.3 | 32.4 | 19.0 | 7.7 | 6.5 | 2.7 | 4.5 | 6.7 | 2.9 | 1.7 | 2.0 | 1.7 | 1.1 | 2.2 | 0.9 | 0.8 | 0.5 | 0.6 | 0.5 |
| 16 1820 | 0.52 | 0.017 | 0.1 | 0.8 | 0.2 | 1.0 | 21.2 | 21.9 | 11.5 | 8.8 | 3.3 | 3.8 | 2.8 | 3.2 | 3.6 | 1.6 | 1.2 | 2.7 | 2.3 | 1.5 | 1.5 | 1.4 | 1.7 | 0.6 |
| 16 2120 | 0.75 | 0.035 | 0.1 | 0.7 | 0.3 | 1.2 | 17.5 | 24.9 | 9.0 | 6.3 | 4.0 | 2.9 | 4.2 | 6.0 | 5.0 | 4.0 | 2.5 | 2.6 | 1.7 | 1.7 | 1.3 | 0.7 | 0.8 | 0.4 |
| 17 20 | 0.66 | 0.027 | 0.1 | 0.3 | 0.6 | 2.1 | 32.8 | 17.5 | 12.4 | 6.6 | 3.7 | 2.6 | 6.6 | 2.9 | 2.3 | 1.1 | 0.9 | 1.2 | 0.6 | 1.4 | 0.6 | 0.5 | 0.6 | 0.6 |
| 17 320 | 0.39 | 0.009 | 0.2 | 0.7 | 0.9 | 6.9 | 26.5 | 9.7 | 5.3 | 3.4 | 6.9 | 6.7 | 5.7 | 3.2 | 2.6 | 2.3 | 2.7 | 3.2 | 2.0 | 2.0 | 1.0 | 1.5 | 1.6 | 1.0 |
| 17 920 | 0.53 | 0.018 | 0.1 | 0.2 | 0.5 | 9.8 | 31.4 | 9.5 | 5.0 | 6.7 | 3.3 | 4.9 | 5.2 | 3.3 | 4.1 | 2.3 | 2.6 | 2.0 | 2.0 | 1.4 | 0.7 | 0.9 | 0.6 | 0.9 |
| 17 1220 | 0.58 | 0.021 | 0.1 | 0.3 | 0.3 | 3.5 | 23.8 | 18.3 | 8.2 | 9.1 | 6.8 | 5.1 | 5.3 | 2.7 | 2.5 | 2.3 | 2.4 | 1.2 | 1.3 | 1.0 | 1.0 | 0.7 | 0.7 | 0.6 |
| 17 1520 | 0.40 | 0.010 | 0.2 | 1.0 | 1.0 | 12.7 | 15.3 | 10.2 | 6.1 | 7.9 | 6.1 | 7.2 | 7.5 | 2.1 | 2.6 | 2.4 | 2.7 | 1.9 | 1.9 | 2.0 | 1.3 | 1.4 | 1.0 | 0.9 |
| 17 1820 | 0.37 | 0.008 | 0.1 | 0.3 | 0.6 | 2.7 | 28.2 | 13.3 | 7.2 | 7.1 | 4.6 | 4.5 | 2.5 | 3.6 | 1.4 | 1.7 | 3.7 | 4.7 | 1.6 | 2.4 | 1.7 | 1.1 | 0.8 | 1.3 |
| 17 2120 | 0.56 | 0.019 | 0.1 | 0.9 | 0.4 | 2.8 | 19.0 | 20.7 | 10.6 | 7.2 | 5.5 | 6.2 | 4.2 | 3.5 | 2.7 | 2.0 | 1.6 | 2.0 | 2.7 | 0.8 | 1.8 | 0.6 | 0.4 | 0.8 |
| 18 20 | 0.61 | 0.024 | 0.1 | 0.6 | 0.5 | 3.8 | 19.6 | 15.6 | 10.9 | 14.7 | 5.5 | 3.3 | 4.4 | 3.1 | 2.5 | 2.5 | 3.2 | 2.3 | 1.1 | 1.1 | 0.9 | 0.9 | 0.7 | 0.5 |
| 18 320 | 0.42 | 0.011 | 0.2 | 0.6 | 0.4 | 1.8 | 12.2 | 15.3 | 15.2 | 17.4 | 6.6 | 2.6 | 5.5 | 2.9 | 3.1 | 3.2 | 2.6 | 1.0 | 1.0 | 1.7 | 1.3 | 1.2 | 0.8 | 0.7 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 620 | 0.37 | 0.009 | 0.5 | 0.6 | 0.3 | 0.9 | 14.1 | 28.6 | 15.5 | 5.3 | 3.8 | 4.8 | 2.2 | 3.3 | 2.8 | 3.1 | 2.4 | 1.6 | 1.5 | 1.6 | 1.4 | 0.5 | 0.8 | 0.6 |
| 18 920 | 0.51 | 0.016 | 0.2 | 4.1 | 0.4 | 0.6 | 8.4 | 22.7 | 10.2 | 14.6 | 9.3 | 5.4 | 4.5 | 2.3 | 3.3 | 3.0 | 1.7 | 0.7 | 1.4 | 1.4 | 0.7 | 0.9 | 0.7 | 0.6 |
| 18 1220 | 0.64 | 0.026 | 0.2 | 4.3 | 0.8 | 1.3 | 11.5 | 24.1 | 16.0 | 7.2 | 5.2 | 5.8 | 4.5 | 2.2 | 4.6 | 2.3 | 1.6 | 1.4 | 1.4 | 1.1 | 0.6 | 0.9 | 0.3 | 0.6 |
| 18 1820 | 0.29 | 0.005 | 0.5 | 11.0 | 2.8 | 1.3 | 20.5 | 18.9 | 11.3 | 3.5 | 2.4 | 4.4 | 2.7 | 3.1 | 2.3 | 2.3 | 2.1 | 1.0 | 1.0 | 0.9 | 0.7 | 0.7 | 0.5 | 0.6 |
| 18 2120 | 0.45 | 0.013 | 0.1 | 7.2 | 1.5 | 2.8 | 23.6 | 17.9 | 12.1 | 5.5 | 6.4 | 2.8 | 2.4 | 4.4 | 2.6 | 1.8 | 1.0 | 0.6 | 0.9 | 1.1 | 0.6 | 0.8 | 0.5 | 0.4 |
| 19 20 | 0.53 | 0.018 | 0.1 | 2.6 | 1.6 | 4.7 | 22.6 | 33.0 | 7.2 | 4.8 | 3.3 | 2.5 | 2.6 | 2.7 | 1.2 | 1.4 | 0.9 | 0.8 | 0.5 | 0.5 | 0.6 | 0.5 | 0.6 | 0.7 |
| 19 320 | 0.42 | 0.011 | 0.2 | 3.1 | 2.6 | 6.6 | 29.5 | 15.5 | 6.3 | 3.9 | 5.3 | 3.0 | 1.9 | 1.5 | 1.2 | 1.1 | 1.0 | 0.8 | 0.9 | 1.2 | 1.0 | 1.0 | 0.6 | 1.1 |
| 19 620 | 0.29 | 0.005 | 0.3 | 1.7 | 1.8 | 10.4 | 36.3 | 15.6 | 4.3 | 3.3 | 2.5 | 3.2 | 2.4 | 2.4 | 1.5 | 1.3 | 0.9 | 1.5 | 1.0 | 0.6 | 1.2 | 0.4 | 0.8 | 0.5 |
| 19 920 | 0.33 | 0.007 | 0.2 | 1.1 | 4.5 | 4.1 | 33.2 | 15.8 | 9.2 | 6.3 | 3.4 | 2.3 | 3.3 | 1.5 | 1.3 | 1.2 | 0.8 | 1.2 | 1.4 | 1.5 | 1.3 | 1.1 | 0.8 | 0.3 |
| 19 1220 | 0.38 | 0.009 | 0.2 | 3.5 | 5.9 | 4.9 | 21.0 | 17.0 | 5.5 | 8.7 | 5.1 | 3.7 | 4.5 | 2.4 | 2.3 | 1.9 | 1.3 | 1.1 | 1.3 | 1.4 | 1.3 | 0.9 | 0.9 | 0.9 |
| 19 1520 | 0.34 | 0.007 | 0.3 | 0.9 | 2.6 | 16.5 | 18.8 | 17.5 | 7.2 | 7.2 | 4.5 | 2.2 | 3.7 | 1.7 | 1.8 | 1.9 | 1.3 | 2.4 | 1.7 | 0.7 | 0.9 | 0.5 | 0.8 | 0.7 |
| 19 1820 | 0.23 | 0.003 | 0.5 | 3.8 | 5.8 | 18.8 | 15.2 | 7.7 | 5.1 | 2.2 | 5.0 | 3.3 | 1.9 | 2.4 | 1.4 | 2.9 | 2.5 | 2.9 | 1.9 | 1.8 | 1.1 | 1.6 | 1.4 | 1.6 |
| 19 2120 | 0.27 | 0.004 | 0.2 | 4.2 | 3.1 | 5.6 | 24.3 | 11.8 | 6.1 | 4.6 | 3.0 | 3.5 | 3.4 | 2.4 | 2.2 | 1.1 | 1.2 | 1.3 | 2.6 | 1.2 | 1.7 | 1.0 | 1.5 | 0.9 |
| 20 20 | 0.39 | 0.010 | 0.2 | 5.7 | 2.6 | 5.6 | 19.2 | 15.3 | 12.9 | 3.9 | 4.8 | 6.5 | 1.8 | 1.2 | 2.6 | 1.0 | 1.3 | 1.0 | 0.7 | 1.0 | 1.3 | 1.2 | 0.6 | 0.7 |
| 20 320 | 0.35 | 0.008 | 0.3 | 6.6 | 3.7 | 8.1 | 20.7 | 11.9 | 10.9 | 3.5 | 3.4 | 2.5 | 1.9 | 1.4 | 2.1 | 1.3 | 1.6 | 1.8 | 1.3 | 1.0 | 2.6 | 1.6 | 1.8 | 0.9 |
| 20 620 | 0.21 | 0.003 | 0.6 | 4.2 | 3.2 | 9.4 | 13.6 | 9.3 | 7.3 | 6.7 | 7.4 | 4.5 | 3.7 | 2.5 | 1.6 | 2.1 | 2.5 | 1.3 | 0.8 | 1.5 | 1.2 | 2.0 | 1.3 | 1.1 |
| 20 920 | 0.23 | 0.003 | 0.6 | 12.1 | 6.4 | 10.3 | 12.0 | 11.5 | 8.5 | 6.4 | 3.3 | 3.1 | 2.6 | 2.2 | 2.1 | 1.8 | 0.9 | 1.1 | 1.0 | 1.2 | 1.1 | 0.8 | 1.0 | 0.9 |
| 20 1220 | 0.30 | 0.006 | 0.3 | 8.6 | 2.1 | 6.8 | 9.9 | 18.8 | 7.6 | 6.9 | 10.7 | 4.5 | 1.9 | 2.8 | 2.4 | 2.0 | 2.0 | 1.4 | 1.0 | 1.0 | 0.9 | 0.5 | 0.9 | 1.2 |
| 20 1520 | 0.28 | 0.005 | 0.4 | 3.6 | 4.8 | 10.2 | 12.0 | 10.8 | 13.8 | 8.7 | 7.2 | 5.8 | 4.7 | 1.7 | 2.8 | 1.8 | 0.7 | 1.3 | 1.1 | 0.9 | 0.7 | 0.6 | 0.6 | 0.9 |
| 20 2120 | 0.22 | 0.003 | 0.5 | 4.0 | 5.9 | 9.8 | 15.8 | 7.0 | 12.0 | 3.1 | 3.2 | 1.2 | 2.3 | 2.4 | 2.0 | 1.1 | 1.0 | 1.3 | 1.7 | 1.7 | 1.0 | 1.6 | 1.3 | 4.1 |
| 21 20 | 0.34 | 0.007 | 0.2 | 3.7 | 3.0 | 3.8 | 21.3 | 7.5 | 4.3 | 4.3 | 4.6 | 3.0 | 2.5 | 0.9 | 1.0 | 0.8 | 1.0 | 1.8 | 1.4 | 4.0 | 5.7 | 5.1 | 4.5 | 4.7 |
| 21 320 | 0.44 | 0.012 | 0.2 | 1.5 | 1.8 | 2.9 | 6.1 | 3.9 | 2.6 | 3.3 | 3.7 | 3.8 | 5.8 | 5.9 | 4.1 | 10.5 | 5.6 | 6.8 | 7.6 | 4.3 | 3.0 | 2.3 | 3.2 | 2.0 |
| 21 620 | 0.29 | 0.005 | 0.3 | 2.9 | 3.4 | 5.1 | 4.1 | 4.6 | 2.9 | 3.7 | 7.2 | 9.0 | 4.8 | 4.0 | 2.3 | 3.9 | 5.7 | 2.8 | 3.1 | 5.5 | 4.5 | 3.8 | 3.2 | 1.7 |
| 21 920 | 0.34 | 0.007 | 0.3 | 0.9 | 1.5 | 2.4 | 3.6 | 1.4 | 1.9 | 2.7 | 5.8 | 7.3 | 3.2 | 5.8 | 4.7 | 4.9 | 6.9 | 4.0 | 5.3 | 6.1 | 6.2 | 4.3 | 4.9 | 4.4 |
| 21 1220 | 0.53 | 0.017 | 0.2 | 0.3 | 3.0 | 0.4 | 3.8 | 4.2 | 4.6 | 2.4 | 8.6 | 8.0 | 6.7 | 4.5 | 7.3 | 7.2 | 5.9 | 8.3 | 6.3 | 3.8 | 2.5 | 2.0 | 2.0 | 1.1 |
| 21 1520 | 0.54 | 0.018 | 0.2 | 1.1 | 1.0 | 1.1 | 3.6 | 2.7 | 3.4 | 10.6 | 15.3 | 8.1 | 6.5 | 7.7 | 3.3 | 5.7 | 3.8 | 5.8 | 4.6 | 3.5 | 2.7 | 1.4 | 1.7 | 1.4 |
| 21 1820 | 0.47 | 0.014 | 0.2 | 0.4 | 0.4 | 0.5 | 2.7 | 1.1 | 4.3 | 10.5 | 13.1 | 5.8 | 6.6 | 6.1 | 5.5 | 5.6 | 6.1 | 4.0 | 5.5 | 5.2 | 2.6 | 2.5 | 1.5 | 3.3 |
| 21 2120 | 0.39 | 0.009 | 0.3 | 0.2 | 1.7 | 0.6 | 2.9 | 1.9 | 4.5 | 8.0 | 8.4 | 6.6 | 3.4 | 4.4 | 8.4 | 5.6 | 3.8 | 4.3 | 4.6 | 6.4 | 6.5 | 3.5 | 2.5 | 2.9 |
| 22 20 | 0.73 | 0.033 | 0.1 | 0.3 | 0.5 | 0.3 | 2.0 | 1.6 | 7.9 | 15.5 | 14.9 | 7.5 | 6.3 | 12.5 | 4.8 | 3.3 | 4.0 | 5.4 | 2.1 | 3.0 | 1.2 | 1.3 | 0.9 | 1.0 |
| 22 320 | 0.62 | 0.024 | 0.1 | 0.3 | 1.2 | 0.5 | 5.5 | 6.1 | 14.1 | 11.1 | 7.1 | 5.0 | 7.2 | 7.1 | 5.3 | 5.3 | 5.3 | 4.9 | 2.9 | 2.8 | 1.3 | 1.0 | 1.4 | 1.0 |
| 22 620 | 0.56 | 0.020 | 0.1 | 0.2 | 0.7 | 0.6 | 3.6 | 8.4 | 22.3 | 15.6 | 9.5 | 5.8 | 2.9 | 3.2 | 5.3 | 4.0 | 3.4 | 1.9 | 2.1 | 2.5 | 1.8 | 1.3 | 0.6 | 0.9 |
| 22 1220 | 0.75 | 0.035 | 0.1 | 0.1 | 0.4 | 0.7 | 10.8 | 16.0 | 15.9 | 9.3 | 3.3 | 6.8 | 3.9 | 5.4 | 5.1 | 6.0 | 3.2 | 2.9 | 1.6 | 1.4 | 1.3 | 1.6 | 1.1 | 0.5 |
| 22 1520 | 0.76 | 0.036 | 0.1 | 0.1 | 0.3 | 0.7 | 19.4 | 30.2 | 9.2 | 7.7 | 3.5 | 7.6 | 3.0 | 2.9 | 1.4 | 2.3 | 2.9 | 1.2 | 1.7 | 1.9 | 0.6 | 1.0 | 0.5 | 0.5 |
| 22 1820 | 0.62 | 0.024 | 0.1 | 0.1 | 0.7 | 3.1 | 24.8 | 17.8 | 14.2 | 10.4 | 3.8 | 4.9 | 4.8 | 3.2 | 1.4 | 1.4 | 1.5 | 1.6 | 1.1 | 0.9 | 1.1 | 0.3 | 0.6 | 0.5 |
| 22 2120 | 0.46 | 0.013 | 0.1 | 0.2 | 0.8 | 1.8 | 14.8 | 24.9 | 14.2 | 7.9 | 5.7 | 3.0 | 4.1 | 3.7 | 2.6 | 2.1 | 3.1 | 1.5 | 1.5 | 1.3 | 1.0 | 1.0 | 0.8 | 0.9 |
| 23 20 | 0.55 | 0.019 | 0.1 | 0.1 | 1.1 | 3.2 | 28.8 | 20.1 | 6.9 | 3.9 | 3.1 | 4.7 | 5.9 | 2.3 | 3.8 | 1.9 | 2.0 | 1.9 | 1.2 | 1.7 | 1.2 | 0.6 | 1.0 | 1.1 |
| 23 320 | 0.49 | 0.015 | 0.2 | 0.8 | 0.6 | 2.9 | 25.9 | 22.2 | 9.1 | 8.6 | 4.7 | 4.8 | 4.2 | 1.4 | 1.4 | 2.2 | 1.5 | 1.0 | 1.1 | 0.6 | 0.6 | 0.5 | 0.6 | 0.6 |
| 23 620 | 0.41 | 0.011 | 0.2 | 0.5 | 0.9 | 18.9 | 30.0 | 8.7 | 4.7 | 4.5 | 3.3 | 5.4 | 1.8 | 1.5 | 1.1 | 1.7 | 0.9 | 1.6 | 3.2 | 1.2 | 0.9 | 0.7 | 0.5 | 0.8 |
| 23 920 | 0.33 | 0.007 | 0.3 | 0.9 | 1.7 | 14.1 | 26.9 | 17.2 | 7.3 | 5.8 | 2.6 | 4.5 | 2.8 | 1.2 | 1.2 | 1.4 | 1.3 | 2.1 | 1.1 | 1.2 | 0.7 | 0.5 | 0.6 | 0.6 |
| 23 1220 | 0.36 | 0.008 | 0.3 | 0.5 | 2.3 | 6.0 | 30.7 | 19.4 | 7.8 | 3.3 | 2.7 | 2.7 | 1.1 | 0.8 | 0.9 | 0.7 | 0.9 | 0.5 | 1.1 | 0.5 | 0.5 | 0.7 | 0.4 | 1.0 |
| 23 1520 | 0.36 | 0.008 | 0.2 | 1.3 | 1.0 | 5.9 | 31.2 | 22.1 | 9.6 | 5.0 | 3.9 | 3.8 | 3.1 | 1.8 | 0.4 | 1.0 | 1.3 | 0.3 | 0.8 | 0.7 | 0.5 | 0.5 | 0.9 | 0.4 |
| 23 2120 | 0.31 | 0.006 | 0.2 | 0.5 | 3.1 | 38.2 | 18.3 | 6.6 | 2.8 | 4.4 | 2.8 | 1.4 | 1.4 | 3.1 | 1.3 | 1.4 | 1.2 | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 0.6 | 0.8 |
| 24 320 | 0.31 | 0.006 | 0.2 | 2.0 | 2.1 | 10.5 | 11.1 | 8.5 | 8.4 | 3.5 | 2.8 | 2.1 | 1.4 | 0.9 | 1.2 | 1.0 | 1.6 | 1.7 | 3.7 | 4.2 | 4.2 | 6.1 | 2.7 | 3.2 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | BAND CENTER FREQUENCY 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 620 | 0.30 | 0.006 | 0.4 | 1.5 | 2.1 | 8.9 | 9.5 | 8.7 | 8.4 | 3.9 | 2.5 | 2.3 | 2.2 | 1.9 | 1.7 | 1.6 | 2.5 | 2.5 | 2.3 | 4.8 | 4.7 | 3.7 | 2.6 | 2.1 |
| 24 1220 | 0.29 | 0.005 | 0.3 | 1.7 | 2.9 | 11.8 | 9.4 | 8.3 | 2.4 | 2.9 | 4.6 | 2.8 | 1.3 | 3.1 | 2.6 | 1.8 | 3.3 | 2.6 | 1.8 | 3.1 | 4.1 | 2.8 | 3.9 | 4.6 |
| 24 1520 | 0.41 | 0.010 | 0.2 | 0.3 | 1.2 | 4.8 | 9.5 | 4.4 | 2.2 | 4.1 | 5.1 | 7.5 | 5.0 | 9.5 | 5.8 | 5.8 | 4.4 | 4.3 | 4.6 | 3.7 | 2.5 | 1.2 | 3.1 | 1.6 |
| 24 2120 | 0.42 | 0.011 | 0.1 | 0.4 | 1.3 | 4.5 | 3.0 | 4.5 | 23.5 | 17.3 | 10.9 | 4.6 | 3.1 | 4.4 | 1.6 | 2.4 | 2.6 | 1.1 | 1.8 | 1.2 | 2.5 | 0.6 | 1.1 | 0.9 |
| 25 20 | 0.37 | 0.009 | 0.3 | 0.4 | 1.1 | 4.4 | 5.1 | 18.1 | 19.2 | 11.4 | 6.8 | 4.3 | 4.2 | 3.9 | 1.6 | 3.3 | 3.0 | 1.9 | 1.9 | 1.3 | 2.0 | 0.9 | 1.0 | 0.4 |
| 25 320 | 0.47 | 0.014 | 0.2 | 0.2 | 0.9 | 4.0 | 8.5 | 19.7 | 17.4 | 12.0 | 6.2 | 4.4 | 4.3 | 4.1 | 4.2 | 2.1 | 2.0 | 1.2 | 1.4 | 1.1 | 0.7 | 1.3 | 0.6 | 1.0 |
| 25 920 | 0.37 | 0.009 | 0.2 | 0.5 | 1.5 | 3.4 | 13.5 | 13.5 | 19.8 | 8.7 | 7.3 | 3.6 | 7.1 | 3.0 | 2.4 | 4.4 | 1.3 | 1.0 | 1.0 | 1.4 | 1.0 | 0.6 | 0.5 | 0.5 |
| 25 1220 | 0.32 | 0.006 | 0.3 | 0.8 | 1.4 | 6.7 | 20.4 | 17.7 | 16.4 | 7.5 | 3.3 | 4.3 | 4.8 | 2.9 | 1.4 | 1.4 | 1.1 | 1.3 | 1.4 | 0.9 | 0.6 | 0.5 | 0.4 | 0.5 |
| 25 1520 | 0.36 | 0.008 | 0.2 | 0.9 | 2.5 | 4.5 | 21.4 | 23.6 | 15.5 | 7.4 | 2.2 | 4.6 | 2.3 | 3.3 | 1.5 | 1.2 | 0.8 | 0.8 | 0.4 | 0.4 | 0.8 | 0.5 | 0.8 | 0.4 |
| 25 1820 | 0.35 | 0.008 | 0.2 | 0.3 | 2.6 | 2.4 | 26.1 | 25.4 | 8.7 | 3.7 | 4.7 | 4.0 | 3.4 | 3.0 | 2.7 | 2.0 | 1.3 | 1.1 | 0.6 | 0.9 | 0.9 | 0.6 | 0.9 | 0.7 |
| 25 2120 | 0.33 | 0.007 | 0.2 | 0.4 | 2.7 | 7.6 | 30.0 | 8.2 | 8.2 | 3.6 | 4.6 | 3.8 | 3.1 | 2.1 | 3.4 | 2.3 | 2.5 | 1.8 | 2.5 | 2.0 | 1.2 | 0.7 | 0.9 | 0.9 |
| 26 20 | 0.26 | 0.004 | 0.3 | 1.1 | 1.4 | 12.5 | 19.5 | 13.3 | 4.4 | 3.4 | 3.7 | 4.2 | 2.1 | 2.9 | 2.6 | 2.7 | 2.8 | 2.5 | 1.0 | 2.1 | 2.4 | 2.1 | 1.9 | 0.9 |
| 26 320 | 0.30 | 0.006 | 0.2 | 1.6 | 16.5 | 7.1 | 14.0 | 13.8 | 5.1 | 6.4 | 4.1 | 2.4 | 3.8 | 2.4 | 1.4 | 1.7 | 1.8 | 1.6 | 1.3 | 1.4 | 1.1 | 0.8 | 1.6 | 0.9 |
| 26 620 | 0.42 | 0.011 | 0.2 | 1.1 | 13.9 | 16.4 | 6.5 | 11.7 | 5.8 | 4.6 | 4.3 | 2.4 | 2.6 | 3.4 | 3.9 | 2.9 | 1.9 | 2.5 | 2.2 | 1.5 | 1.2 | 1.7 | 2.3 | 1.0 |
| 26 920 | 0.41 | 0.011 | 0.1 | 0.8 | 15.8 | 20.7 | 6.8 | 6.9 | 6.5 | 4.0 | 2.9 | 1.7 | 3.1 | 2.6 | 2.6 | 1.3 | 3.1 | 1.2 | 1.9 | 1.2 | 3.0 | 1.5 | 2.2 | 1.5 |
| 26 1220 | 0.39 | 0.009 | 0.2 | 0.7 | 17.6 | 13.6 | 10.0 | 4.4 | 5.3 | 4.9 | 6.0 | 3.5 | 2.9 | 3.3 | 3.8 | 5.9 | 2.4 | 3.0 | 2.8 | 1.3 | 0.9 | 1.5 | 0.5 | 0.6 |
| 26 1520 | 0.45 | 0.012 | 0.2 | 0.4 | 9.8 | 30.7 | 9.4 | 3.3 | 3.0 | 3.6 | 6.6 | 2.1 | 2.0 | 1.2 | 2.0 | 2.2 | 2.9 | 2.8 | 3.9 | 2.5 | 2.4 | 1.6 | 1.9 | 1.4 |
| 26 1820 | 0.47 | 0.014 | 0.3 | 0.3 | 6.5 | 18.7 | 10.2 | 6.6 | 4.0 | 4.8 | 4.2 | 3.7 | 2.0 | 2.3 | 1.5 | 1.6 | 2.6 | 3.8 | 3.9 | 3.5 | 3.4 | 2.5 | 2.4 | 2.5 |
| 26 2120 | 0.47 | 0.014 | 0.2 | 0.3 | 2.9 | 6.3 | 9.7 | 7.0 | 6.3 | 3.9 | 4.8 | 4.7 | 3.6 | 4.2 | 5.3 | 4.6 | 3.1 | 3.0 | 3.6 | 3.7 | 4.4 | 3.2 | 3.0 | 1.2 |
| 27 20 | 0.47 | 0.014 | 0.2 | 0.2 | 1.0 | 2.5 | 4.5 | 6.1 | 7.8 | 3.2 | 3.2 | 3.1 | 2.7 | 5.3 | 4.3 | 3.2 | 11.8 | 6.3 | 5.1 | 3.2 | 4.6 | 2.9 | 1.7 | 1.5 |
| 27 620 | 0.41 | 0.011 | 0.2 | 0.3 | 0.7 | 2.4 | 5.6 | 4.2 | 8.9 | 3.6 | 5.6 | 9.5 | 4.8 | 7.8 | 4.7 | 3.7 | 5.7 | 3.0 | 2.1 | 1.3 | 1.5 | 2.0 | 2.7 | 3.3 |
| 27 920 | 0.35 | 0.008 | 0.2 | 0.4 | 2.4 | 4.9 | 3.2 | 3.2 | 5.0 | 5.6 | 10.9 | 8.9 | 6.8 | 4.7 | 4.0 | 2.5 | 2.8 | 3.8 | 3.8 | 2.4 | 2.9 | 3.6 | 1.8 | 3.5 |
| 27 1220 | 0.29 | 0.005 | 0.3 | 0.7 | 1.2 | 4.8 | 5.3 | 2.8 | 8.8 | 7.1 | 7.7 | 7.9 | 6.4 | 4.9 | 3.3 | 4.1 | 3.5 | 4.4 | 4.6 | 3.3 | 2.2 | 2.8 | 1.7 | 1.8 |
| 27 1520 | 0.27 | 0.005 | 0.3 | 0.9 | 1.9 | 1.8 | 5.5 | 8.4 | 6.9 | 10.7 | 11.4 | 6.5 | 8.5 | 4.1 | 6.1 | 1.4 | 2.3 | 2.5 | 2.1 | 1.3 | 1.7 | 1.7 | 2.1 | 1.1 |
| 27 1820 | 0.33 | 0.007 | 0.2 | 0.2 | 2.5 | 1.7 | 5.8 | 14.7 | 10.7 | 11.1 | 5.0 | 6.0 | 3.6 | 3.3 | 2.9 | 2.4 | 3.0 | 2.1 | 1.7 | 1.8 | 1.6 | 1.7 | 2.3 | 2.4 |
| 27 2120 | 0.33 | 0.007 | 0.3 | 1.0 | 2.1 | 1.7 | 9.8 | 7.6 | 4.6 | 11.4 | 5.8 | 8.7 | 5.6 | 6.2 | 3.6 | 4.7 | 2.6 | 2.8 | 2.6 | 1.6 | 1.3 | 1.2 | 1.5 | 1.7 |
| 28 320 | 0.32 | 0.006 | 0.3 | 0.3 | 1.9 | 1.1 | 2.1 | 2.1 | 3.1 | 2.6 | 5.8 | 10.6 | 3.0 | 2.1 | 2.0 | 4.3 | 6.1 | 5.2 | 6.9 | 5.7 | 4.6 | 4.4 | 5.3 | 3.4 |
| 28 620 | 0.27 | 0.005 | 0.4 | 1.1 | 1.7 | 1.6 | 2.7 | 9.2 | 7.5 | 10.7 | 11.2 | 4.3 | 4.4 | 2.4 | 2.6 | 4.2 | 2.8 | 3.7 | 2.1 | 2.5 | 1.6 | 2.6 | 2.4 | 1.7 |
| 28 920 | 0.30 | 0.006 | 0.3 | 1.2 | 2.4 | 2.5 | 5.1 | 9.0 | 13.3 | 11.9 | 10.9 | 7.6 | 7.6 | 3.7 | 3.8 | 3.6 | 1.3 | 1.5 | 1.7 | 1.7 | 1.4 | 1.1 | 0.9 | 0.9 |
| 28 1220 | 0.22 | 0.003 | 0.4 | 1.8 | 2.3 | 3.5 | 10.8 | 6.8 | 4.7 | 4.2 | 4.9 | 9.7 | 7.0 | 5.3 | 4.2 | 2.4 | 2.1 | 2.4 | 2.0 | 1.8 | 2.1 | 2.2 | 3.2 | 3.2 |
| 28 1520 | 0.19 | 0.002 | 0.8 | 4.6 | 2.1 | 4.7 | 7.1 | 5.8 | 10.8 | 6.6 | 7.4 | 5.8 | 5.8 | 7.1 | 5.4 | 1.6 | 3.0 | 1.9 | 1.3 | 1.5 | 1.3 | 0.7 | 1.1 | 1.5 |
| 28 1820 | 0.18 | 0.002 | 0.7 | 1.4 | 3.3 | 3.6 | 5.6 | 14.4 | 7.5 | 10.0 | 6.6 | 3.9 | 4.1 | 4.9 | 4.1 | 5.0 | 2.6 | 2.2 | 2.0 | 2.6 | 1.1 | 1.0 | 1.2 | 0.7 |
| 29 320 | 0.84 | 0.044 | 0.1 | 0.1 | 0.2 | 0.1 | 0.4 | 2.2 | 25.5 | 11.2 | 11.2 | 11.2 | 5.8 | 3.2 | 2.4 | 3.6 | 6.2 | 3.3 | 3.3 | 1.7 | 1.1 | 1.4 | 0.9 | 0.9 |
| 29 620 | 1.27 | 0.100 | 0.1 | 0.1 | 0.3 | 0.3 | 17.3 | 15.3 | 17.0 | 6.3 | 7.2 | 8.5 | 7.6 | 4.2 | 5.2 | 2.9 | 1.6 | 1.1 | 0.8 | 0.7 | 0.5 | 0.9 | 0.5 | 0.2 |
| 29 920 | 1.04 | 0.068 | 0.1 | 0.0 | 1.1 | 6.6 | 34.2 | 12.3 | 8.6 | 5.8 | 4.3 | 5.0 | 4.1 | 3.6 | 2.4 | 1.8 | 2.3 | 1.5 | 1.3 | 1.1 | 0.6 | 0.6 | 0.4 | 0.5 |
| 29 1220 | 0.82 | 0.042 | 0.1 | 0.2 | 4.0 | 18.5 | 15.3 | 7.6 | 5.8 | 7.3 | 7.3 | 5.4 | 3.6 | 2.4 | 3.5 | 3.9 | 3.2 | 2.0 | 1.8 | 1.7 | 1.2 | 0.9 | 0.8 | 0.7 |
| 29 1520 | 0.74 | 0.034 | 0.1 | 0.1 | 1.3 | 12.6 | 15.3 | 5.0 | 7.6 | 3.6 | 9.1 | 5.0 | 4.0 | 2.9 | 2.6 | 6.8 | 3.8 | 5.1 | 2.0 | 2.4 | 2.8 | 1.8 | 1.1 | 0.9 |
| 29 1820 | 0.86 | 0.046 | 0.1 | 0.1 | 1.0 | 8.2 | 10.6 | 15.3 | 6.7 | 7.2 | 10.0 | 8.9 | 3.6 | 4.4 | 5.2 | 2.9 | 3.6 | 2.4 | 2.8 | 1.4 | 1.2 | 0.8 | 0.4 | 0.4 |
| 29 2120 | 0.91 | 0.052 | 0.1 | 0.1 | 1.8 | 6.7 | 11.6 | 7.6 | 13.1 | 9.7 | 11.8 | 8.3 | 4.8 | 5.3 | 3.5 | 2.7 | 2.3 | 1.7 | 2.1 | 1.3 | 0.8 | 0.8 | 0.8 | 0.7 |
| 30 320 | 0.59 | 0.021 | 0.2 | 1.2 | 1.5 | 8.8 | 15.2 | 17.6 | 12.1 | 6.0 | 5.0 | 4.3 | 5.2 | 2.2 | 2.3 | 1.5 | 2.5 | 2.8 | 1.5 | 2.3 | 1.5 | 1.5 | 0.6 | 0.9 |
| 30 620 | 0.56 | 0.020 | 0.2 | 1.3 | 0.6 | 4.1 | 15.5 | 14.9 | 9.0 | 7.1 | 6.6 | 11.5 | 5.0 | 3.9 | 4.1 | 2.4 | 2.4 | 1.4 | 1.9 | 1.4 | 1.0 | 1.4 | 1.0 | 0.4 |
| 30 920 | 0.71 | 0.032 | 0.1 | 0.4 | 1.0 | 3.8 | 14.0 | 12.9 | 14.3 | 9.3 | 10.7 | 4.4 | 8.5 | 4.3 | 3.6 | 2.0 | 1.4 | 1.6 | 1.2 | 0.7 | 1.2 | 0.7 | 0.5 | 0.5 |
| 30 1520 | 0.46 | 0.013 | 0.2 | 0.2 | 1.7 | 9.1 | 34.1 | 9.4 | 7.0 | 4.7 | 4.7 | 4.0 | 4.2 | 3.5 | 1.5 | 1.8 | 1.2 | 1.8 | 1.5 | 0.7 | 0.9 | 1.1 | 1.2 | 1.0 |

KODIAK,ALASKA GAGE C12: INNER BUOY
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 1820 | 0.41 | 0.011 | 0.2 | 0.4 | 1.5 | 8.5 | 21.0 | 12.7 | 16.0 | 7.3 | 5.2 | 4.1 | 3.2 | 3.4 | 2.1 | 2.0 | 2.1 | 0.8 | 1.3 | 1.0 | 0.9 | 1.1 | 1.0 | 0.4 |
| 30 2120 | 0.51 | 0.016 | 0.2 | 0.2 | 1.4 | 7.5 | 22.0 | 20.1 | 9.7 | 7.2 | 7.9 | 4.7 | 3.1 | 3.9 | 1.8 | 1.7 | 1.8 | 0.8 | 1.0 | 0.4 | 0.9 | 0.7 | 0.5 | 0.4 |
| 31 20 | 0.41 | 0.011 | 0.1 | 0.4 | 1.4 | 5.7 | 13.1 | 26.7 | 14.8 | 8.4 | 4.5 | 2.0 | 3.7 | 2.2 | 1.7 | 0.8 | 2.8 | 1.0 | 1.4 | 0.9 | 1.2 | 0.9 | 0.8 | 0.5 |
| 31 320 | 0.29 | 0.005 | 0.3 | 0.6 | 4.3 | 10.5 | 10.6 | 15.8 | 9.6 | 4.9 | 3.6 | 3.6 | 4.6 | 3.8 | 2.7 | 2.9 | 1.6 | 1.7 | 1.9 | 1.7 | 1.1 | 1.1 | 1.2 | 1.3 |
| 31 620 | 0.35 | 0.007 | 0.4 | 0.1 | 3.4 | 11.3 | 5.1 | 7.4 | 6.5 | 5.6 | 3.2 | 2.8 | 1.3 | 2.3 | 1.3 | 2.0 | 1.7 | 2.2 | 2.9 | 6.3 | 5.2 | 5.4 | 5.0 | 2.1 |
| 31 1220 | 0.54 | 0.018 | 0.1 | 0.4 | 1.9 | 5.0 | 6.3 | 9.3 | 9.1 | 3.8 | 5.4 | 6.1 | 11.4 | 6.2 | 8.1 | 6.5 | 3.2 | 3.9 | 2.4 | 1.5 | 2.1 | 1.5 | 1.1 | 0.8 |
| 31 1520 | 0.38 | 0.009 | 0.1 | 1.0 | 11.4 | 14.2 | 11.4 | 9.4 | 11.3 | 7.1 | 4.6 | 4.5 | 2.8 | 2.5 | 2.8 | 2.5 | 2.0 | 1.8 | 1.3 | 1.0 | 1.3 | 1.2 | 0.9 | 0.6 |
| 31 1820 | 0.39 | 0.010 | 0.2 | 0.5 | 7.1 | 16.1 | 19.6 | 3.6 | 5.1 | 4.4 | 5.0 | 2.3 | 2.5 | 1.4 | 2.6 | 2.1 | 2.7 | 1.7 | 1.7 | 2.2 | 1.0 | 2.7 | 1.1 | 1.2 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 1 320 | 0.59 | 0.022 | 0.1 | 0.2 | 5.3 | 9.0 | 3.0 | 2.8 | 5.1 | 6.6 | 4.4 | 6.8 | 7.0 | 8.8 | 8.6 | 6.7 | 2.8 | 5.9 | 3.2 | 2.3 | 1.4 | 1.1 | 1.8 | 1.9 |
| 1 620 | 0.44 | 0.012 | 0.2 | 1.4 | 1.0 | 21.3 | 7.1 | 4.5 | 2.6 | 4.4 | 7.2 | 4.4 | 3.8 | 4.4 | 3.3 | 3.0 | 3.6 | 3.0 | 3.2 | 3.6 | 2.2 | 1.8 | 3.9 | 1.8 |
| 1 920 | 0.49 | 0.015 | 0.1 | 0.7 | 1.8 | 6.2 | 14.2 | 15.8 | 10.1 | 12.2 | 6.8 | 3.3 | 4.3 | 4.1 | 2.5 | 2.0 | 1.9 | 2.0 | 3.5 | 1.3 | 1.2 | 0.7 | 1.5 | 0.5 |
| 1 1220 | 0.49 | 0.015 | 0.1 | 0.4 | 0.6 | 14.1 | 9.3 | 10.1 | 10.2 | 16.8 | 11.2 | 3.7 | 4.6 | 4.0 | 2.3 | 1.7 | 0.7 | 1.8 | 0.8 | 0.9 | 1.2 | 0.9 | 0.7 | 0.7 |
| 1 1520 | 0.36 | 0.008 | 0.1 | 1.6 | 2.3 | 19.6 | 8.2 | 4.5 | 6.8 | 6.8 | 6.4 | 10.2 | 6.8 | 3.6 | 3.1 | 2.6 | 1.4 | 2.2 | 1.7 | 1.7 | 1.5 | 1.2 | 1.1 | 0.6 |
| 1 1820 | 0.28 | 0.005 | 0.3 | 1.9 | 1.3 | 16.6 | 15.5 | 11.4 | 5.1 | 6.8 | 6.0 | 5.1 | 5.8 | 2.0 | 1.9 | 2.8 | 1.7 | 1.6 | 1.3 | 1.1 | 1.2 | 1.2 | 0.6 | 0.6 |
| 1 2120 | 0.35 | 0.008 | 0.2 | 0.7 | 0.6 | 9.8 | 23.0 | 10.6 | 18.5 | 6.4 | 4.2 | 4.9 | 2.4 | 2.3 | 1.8 | 0.6 | 0.9 | 1.3 | 1.1 | 1.4 | 0.9 | 0.8 | 0.6 | 0.9 |
| 2 320 | 0.37 | 0.008 | 0.3 | 2.7 | 0.6 | 3.3 | 8.6 | 12.2 | 12.2 | 11.3 | 6.5 | 5.7 | 4.8 | 4.6 | 3.0 | 2.3 | 1.7 | 2.4 | 1.8 | 2.8 | 3.0 | 2.1 | 1.4 | 0.9 |
| 2 620 | 0.25 | 0.005 | 0.4 | 2.3 | 0.7 | 1.2 | 12.2 | 13.1 | 9.8 | 5.3 | 6.2 | 2.7 | 3.6 | 3.2 | 1.8 | 2.1 | 1.3 | 1.6 | 2.9 | 1.5 | 2.7 | 4.1 | 3.6 | 2.8 |
| 2 1220 | 0.38 | 0.009 | 0.3 | 2.1 | 0.8 | 0.8 | 10.9 | 13.0 | 17.3 | 16.5 | 7.8 | 4.9 | 2.8 | 3.1 | 2.5 | 2.3 | 3.2 | 1.1 | 1.4 | 0.8 | 0.9 | 1.0 | 1.0 | 0.9 |
| 2 1520 | 0.30 | 0.006 | 0.3 | 1.4 | 0.9 | 1.2 | 11.2 | 11.3 | 9.6 | 13.2 | 13.4 | 6.6 | 5.2 | 2.3 | 2.0 | 4.3 | 2.2 | 1.5 | 1.4 | 1.0 | 1.6 | 0.7 | 0.5 | 1.0 |
| 2 1820 | 0.22 | 0.003 | 0.6 | 2.9 | 1.8 | 3.0 | 6.5 | 13.2 | 11.6 | 8.9 | 5.2 | 3.7 | 4.3 | 3.8 | 2.0 | 3.1 | 3.1 | 1.5 | 2.2 | 2.1 | 2.3 | 1.2 | 2.0 | 1.5 |
| 2 2120 | 0.26 | 0.004 | 0.4 | 1.5 | 1.2 | 1.3 | 8.1 | 12.7 | 18.4 | 13.9 | 6.1 | 8.5 | 6.2 | 3.5 | 2.9 | 1.9 | 1.0 | 1.0 | 1.4 | 1.1 | 0.8 | 0.6 | 0.8 | 0.9 |
| 3 20 | 0.36 | 0.008 | 0.2 | 0.8 | 0.7 | 0.8 | 4.6 | 16.3 | 10.2 | 21.5 | 7.3 | 4.1 | 3.8 | 3.7 | 6.8 | 2.5 | 1.5 | 1.2 | 2.2 | 1.4 | 0.3 | 1.1 | 0.6 | 1.1 |
| 3 620 | 0.19 | 0.002 | 0.7 | 4.1 | 2.5 | 2.6 | 11.9 | 9.7 | 11.6 | 7.7 | 6.3 | 6.2 | 5.8 | 4.4 | 5.7 | 1.6 | 2.7 | 1.9 | 1.3 | 1.2 | 0.8 | 1.0 | 0.9 | 1.0 |
| 3 920 | 0.23 | 0.003 | 0.3 | 3.4 | 1.4 | 1.9 | 3.7 | 19.6 | 13.1 | 19.4 | 5.3 | 6.3 | 5.3 | 4.0 | 2.2 | 1.9 | 1.4 | 1.7 | 1.1 | 0.4 | 0.5 | 0.3 | 0.6 | 0.6 |
| 3 1220 | 0.26 | 0.004 | 0.3 | 1.7 | 1.4 | 1.4 | 5.9 | 19.2 | 23.2 | 13.1 | 11.9 | 5.3 | 2.8 | 1.8 | 1.6 | 1.5 | 1.0 | 0.7 | 0.7 | 0.6 | 0.4 | 0.5 | 0.3 | 0.3 |
| 3 1520 | 0.21 | 0.003 | 0.7 | 4.5 | 1.0 | 1.5 | 5.9 | 20.5 | 13.7 | 17.7 | 5.3 | 5.0 | 3.1 | 1.4 | 1.0 | 1.2 | 1.4 | 0.9 | 1.0 | 0.4 | 0.6 | 0.6 | 1.0 | 0.7 |
| 3 1820 | 0.16 | 0.002 | 1.1 | 5.2 | 1.6 | 2.9 | 2.6 | 15.1 | 14.6 | 6.6 | 4.1 | 1.8 | 1.5 | 1.3 | 1.1 | 1.5 | 0.7 | 1.4 | 1.4 | 0.5 | 1.1 | 1.3 | 1.0 | 1.2 |
| 3 2120 | 0.17 | 0.002 | 2.5 | 3.3 | 2.0 | 3.3 | 5.0 | 14.5 | 5.8 | 6.3 | 2.8 | 1.7 | 0.7 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.3 | 1.0 | 0.8 | 1.6 | 2.3 |
| 4 320 | 0.19 | 0.002 | 1.6 | 4.8 | 2.6 | 5.6 | 7.6 | 4.6 | 7.4 | 5.4 | 4.4 | 2.3 | 1.4 | 1.3 | 1.0 | 1.5 | 1.1 | 1.1 | 1.3 | 0.9 | 2.9 | 1.3 | 1.1 | 2.1 |
| 4 620 | 0.14 | 0.001 | 1.3 | 3.0 | 5.3 | 6.2 | 16.2 | 5.4 | 4.2 | 3.4 | 3.2 | 1.9 | 2.0 | 1.8 | 1.0 | 1.8 | 2.1 | 1.4 | 1.9 | 2.8 | 2.1 | 2.4 | 1.3 | 1.6 |
| 4 920 | 0.13 | 0.001 | 2.4 | 6.6 | 4.4 | 4.1 | 13.7 | 8.5 | 5.2 | 4.2 | 3.6 | 3.3 | 2.3 | 2.4 | 1.6 | 1.8 | 1.4 | 2.1 | 1.9 | 1.4 | 1.8 | 2.2 | 1.9 | 1.2 |
| 4 1220 | 0.17 | 0.002 | 0.8 | 6.9 | 3.2 | 2.5 | 16.7 | 11.1 | 6.2 | 11.5 | 6.1 | 3.4 | 3.9 | 2.5 | 1.3 | 1.4 | 2.0 | 1.0 | 1.1 | 1.5 | 0.9 | 1.6 | 1.3 | 0.7 |
| 4 1520 | 0.17 | 0.002 | 0.8 | 6.2 | 13.7 | 4.9 | 14.5 | 12.0 | 2.8 | 5.7 | 2.9 | 5.2 | 3.2 | 2.3 | 2.3 | 2.2 | 1.0 | 1.5 | 1.1 | 1.3 | 0.5 | 0.5 | 1.2 | 1.2 |
| 4 1820 | 0.17 | 0.002 | 1.5 | 2.4 | 7.1 | 24.7 | 4.2 | 6.8 | 4.7 | 7.1 | 3.9 | 4.0 | 3.6 | 2.1 | 3.0 | 1.7 | 1.6 | 2.0 | 1.2 | 1.9 | 2.1 | 1.3 | 0.8 | 1.7 |
| 4 2120 | 0.28 | 0.005 | 0.4 | 1.3 | 1.1 | 15.2 | 6.2 | 3.1 | 2.1 | 1.8 | 1.8 | 2.1 | 0.8 | 1.3 | 1.3 | 1.1 | 1.1 | 3.9 | 1.4 | 4.7 | 6.6 | 4.8 | 10.1 | 4.8 |
| 5 20 | 0.37 | 0.009 | 0.2 | 1.1 | 0.6 | 3.1 | 3.4 | 8.5 | 2.1 | 1.8 | 3.3 | 1.1 | 3.6 | 6.8 | 7.8 | 14.7 | 5.5 | 5.5 | 4.7 | 6.1 | 3.4 | 3.3 | 1.5 | 3.8 |
| 5 320 | 0.52 | 0.017 | 0.1 | 0.4 | 0.3 | 0.9 | 1.9 | 1.9 | 1.7 | 3.4 | 11.1 | 10.5 | 11.1 | 7.9 | 10.9 | 6.2 | 3.8 | 5.4 | 2.1 | 3.7 | 4.1 | 2.7 | 2.0 | 1.0 |
| 5 1520 | 0.33 | 0.007 | 0.4 | 2.3 | 1.1 | 0.9 | 3.4 | 16.7 | 13.0 | 4.5 | 7.9 | 8.3 | 5.0 | 3.6 | 5.5 | 1.9 | 2.9 | 1.3 | 2.0 | 1.2 | 1.2 | 2.1 | 1.2 | 1.3 |
| 5 1820 | 0.27 | 0.005 | 0.4 | 3.3 | 0.8 | 1.0 | 6.8 | 19.8 | 11.5 | 6.2 | 4.8 | 4.3 | 2.9 | 1.7 | 1.7 | 2.2 | 1.3 | 2.0 | 3.6 | 1.5 | 2.0 | 2.5 | 1.9 | 1.7 |
| 6 320 | 0.40 | 0.010 | 0.3 | 19.1 | 0.9 | 0.7 | 2.0 | 5.2 | 4.8 | 4.6 | 6.2 | 2.4 | 2.1 | 2.3 | 2.3 | 2.0 | 1.0 | 1.4 | 2.4 | 2.5 | 4.1 | 5.5 | 7.1 | 3.5 |
| 6 620 | 0.23 | 0.003 | 0.7 | 8.6 | 1.7 | 1.5 | 3.6 | 6.6 | 3.0 | 4.9 | 5.2 | 4.6 | 5.5 | 6.1 | 4.5 | 2.4 | 2.2 | 2.7 | 2.1 | 0.9 | 2.9 | 2.6 | 1.4 | 2.5 |
| 6 920 | 0.21 | 0.003 | 0.3 | 14.8 | 2.5 | 1.3 | 2.3 | 5.9 | 3.1 | 7.6 | 10.3 | 10.9 | 6.2 | 6.4 | 3.4 | 3.9 | 2.0 | 1.5 | 1.2 | 1.0 | 1.2 | 1.2 | 1.0 | 1.2 |
| 6 1220 | 0.24 | 0.004 | 0.3 | 18.2 | 3.1 | 1.4 | 2.6 | 5.9 | 9.1 | 7.5 | 3.0 | 2.0 | 3.7 | 3.9 | 3.1 | 1.4 | 3.2 | 1.9 | 2.3 | 1.7 | 1.7 | 1.5 | 1.1 | 1.3 |
| 6 1520 | 0.26 | 0.004 | 0.5 | 11.2 | 2.1 | 1.5 | 3.6 | 4.1 | 17.4 | 9.2 | 5.3 | 7.0 | 4.2 | 4.7 | 5.1 | 2.2 | 1.6 | 1.9 | 1.0 | 1.5 | 0.9 | 1.1 | 1.1 | 1.4 |
| 6 1820 | 0.21 | 0.003 | 0.6 | 10.9 | 3.3 | 1.6 | 2.7 | 4.7 | 7.4 | 6.7 | 7.9 | 9.6 | 5.2 | 5.7 | 2.0 | 3.0 | 1.3 | 0.9 | 1.4 | 1.3 | 1.2 | 1.4 | 1.2 | 1.7 |
| 6 2120 | 0.22 | 0.003 | 0.7 | 4.2 | 4.5 | 1.3 | 1.7 | 1.5 | 1.5 | 1.5 | 3.1 | 2.2 | 2.0 | 1.5 | 1.3 | 1.1 | 1.0 | 1.6 | 1.3 | 2.5 | 3.5 | 4.4 | 5.1 | 11.8 |
| 7 20 | 0.24 | 0.003 | 0.7 | 3.1 | 3.6 | 2.4 | 1.6 | 5.3 | 4.8 | 2.2 | 3.8 | 2.6 | 2.3 | 1.9 | 2.7 | 2.0 | 2.0 | 1.0 | 0.9 | 2.3 | 3.8 | 2.3 | 4.0 | 5.0 |
| 7 320 | 0.24 | 0.003 | 0.5 | 2.5 | 4.3 | 1.5 | 2.8 | 4.8 | 5.5 | 5.9 | 5.9 | 3.4 | 5.6 | 7.4 | 1.9 | 2.6 | 3.0 | 2.7 | 1.6 | 1.3 | 2.5 | 2.7 | 2.0 | 1.7 |
| 7 620 | 0.19 | 0.002 | 0.6 | 11.6 | 2.7 | 1.5 | 3.6 | 2.2 | 4.3 | 2.8 | 3.8 | 6.0 | 3.8 | 6.5 | 3.3 | 4.2 | 3.0 | 2.4 | 2.3 | 2.1 | 1.6 | 1.3 | 3.0 | 2.8 |
| 7 920 | 0.18 | 0.002 | 0.6 | 9.4 | 4.6 | 3.2 | 1.1 | 5.4 | 3.8 | 4.3 | 7.1 | 6.6 | 8.1 | 7.0 | 6.1 | 4.1 | 2.3 | 1.8 | 1.2 | 1.5 | 1.3 | 1.1 | 1.6 | 1.2 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 320 | 0.30 | 0.006 | 0.4 | 3.0 | 14.1 | 6.7 | 1.3 | 1.6 | 2.1 | 1.7 | 1.0 | 0.9 | 2.2 | 1.8 | 1.7 | 3.3 | 2.7 | 2.4 | 2.5 | 1.7 | 3.8 | 6.0 | 6.5 | 6.3 |
| 8 620 | 0.41 | 0.010 | 0.2 | 0.6 | 9.1 | 43.5 | 0.7 | 0.4 | 2.1 | 6.3 | 0.8 | 0.5 | 0.7 | 1.6 | 1.7 | 1.3 | 2.2 | 3.4 | 1.7 | 2.1 | 1.5 | 0.9 | 2.4 | 2.4 |
| 8 920 | 0.38 | 0.009 | 0.2 | 0.4 | 17.6 | 32.4 | 5.0 | 0.8 | 1.3 | 3.1 | 3.6 | 0.6 | 1.3 | 1.5 | 1.9 | 1.9 | 1.4 | 2.1 | 2.6 | 1.2 | 2.8 | 2.0 | 3.2 | 2.0 |
| 8 1220 | 0.41 | 0.010 | 0.2 | 0.7 | 14.1 | 30.5 | 6.5 | 2.0 | 1.6 | 1.4 | 2.8 | 1.9 | 1.2 | 1.9 | 1.6 | 1.8 | 2.1 | 1.9 | 1.1 | 3.9 | 3.0 | 2.3 | 2.9 | 3.1 |
| 8 1520 | 0.37 | 0.008 | 0.2 | 0.6 | 12.3 | 19.9 | 8.3 | 3.6 | 2.2 | 5.9 | 3.3 | 2.6 | 3.8 | 2.6 | 3.3 | 2.2 | 4.7 | 4.0 | 3.5 | 2.2 | 1.6 | 2.5 | 1.7 | 1.4 |
| 8 1820 | 0.43 | 0.011 | 0.3 | 0.5 | 5.3 | 13.1 | 4.2 | 2.3 | 2.0 | 5.2 | 6.8 | 6.2 | 6.2 | 6.0 | 8.5 | 4.5 | 4.3 | 4.7 | 3.9 | 3.1 | 2.0 | 1.7 | 1.2 | 1.6 |
| 8 2120 | 0.50 | 0.016 | 0.2 | 0.2 | 0.8 | 7.1 | 2.6 | 1.0 | 1.0 | 2.5 | 4.6 | 6.1 | 7.3 | 19.7 | 9.7 | 5.3 | 3.2 | 5.8 | 3.4 | 3.7 | 3.2 | 2.7 | 1.0 | 2.1 |
| 9 20 | 0.69 | 0.030 | 0.2 | 0.1 | 0.7 | 3.2 | 1.6 | 3.8 | 9.9 | 16.1 | 9.2 | 10.1 | 6.9 | 5.4 | 7.7 | 3.9 | 3.5 | 2.8 | 2.9 | 2.5 | 2.9 | 1.3 | 0.8 | 1.1 |
| 9 320 | 0.99 | 0.061 | 0.1 | 0.1 | 0.5 | 1.2 | 4.9 | 29.8 | 23.8 | 6.4 | 4.1 | 4.5 | 3.1 | 3.0 | 5.0 | 2.9 | 1.7 | 0.9 | 1.2 | 1.3 | 0.7 | 0.5 | 0.6 | 0.8 |
| 9 620 | 1.20 | 0.090 | 0.1 | 0.1 | 0.5 | 12.7 | 23.1 | 10.9 | 7.1 | 6.3 | 9.8 | 8.4 | 4.7 | 2.3 | 2.9 | 2.0 | 2.2 | 1.3 | 0.8 | 0.6 | 0.6 | 0.4 | 0.5 | 0.3 |
| 9 920 | 1.25 | 0.098 | 0.1 | 0.3 | 15.2 | 13.9 | 7.7 | 8.1 | 8.3 | 14.9 | 6.3 | 6.3 | 4.3 | 3.6 | 2.0 | 2.0 | 0.5 | 0.8 | 0.9 | 0.4 | 0.5 | 0.5 | 0.5 | 0.7 |
| 9 1220 | 1.35 | 0.115 | 0.1 | 0.2 | 15.7 | 21.1 | 7.3 | 6.7 | 7.6 | 11.5 | 8.3 | 3.4 | 5.3 | 2.3 | 2.6 | 0.8 | 0.9 | 1.3 | 0.7 | 0.3 | 0.5 | 0.4 | 0.7 | 0.6 |
| 9 1520 | 1.28 | 0.102 | 0.2 | 0.3 | 21.2 | 13.6 | 5.7 | 7.4 | 12.6 | 11.7 | 3.8 | 5.4 | 3.7 | 3.2 | 1.7 | 1.7 | 1.2 | 0.7 | 0.6 | 0.3 | 0.3 | 0.9 | 0.7 | 0.7 |
| 9 1820 | 0.99 | 0.061 | 0.3 | 0.4 | 33.1 | 8.2 | 8.8 | 4.8 | 11.2 | 11.2 | 5.5 | 2.9 | 2.7 | 2.1 | 1.3 | 0.8 | 0.9 | 0.6 | 0.4 | 0.4 | 0.2 | 0.3 | 0.4 | 0.2 |
| 9 2120 | 0.78 | 0.038 | 0.2 | 0.4 | 27.1 | 13.5 | 11.1 | 3.7 | 8.0 | 5.7 | 4.8 | 3.0 | 3.7 | 1.7 | 1.8 | 1.0 | 0.6 | 0.6 | 0.3 | 0.4 | 0.4 | 1.0 | 1.5 | 1.1 |
| 10 20 | 0.74 | 0.035 | 0.2 | 0.3 | 15.4 | 30.4 | 9.5 | 3.2 | 3.2 | 5.5 | 3.7 | 0.9 | 1.7 | 1.3 | 1.0 | 1.0 | 0.5 | 0.7 | 0.3 | 0.3 | 0.6 | 2.0 | 2.8 | 4.4 |
| 10 320 | 0.59 | 0.022 | 0.2 | 0.7 | 20.4 | 24.7 | 11.2 | 4.0 | 3.6 | 7.8 | 3.1 | 2.2 | 4.2 | 3.4 | 1.7 | 1.6 | 1.8 | 0.6 | 0.9 | 0.4 | 0.4 | 0.3 | 0.5 | 0.5 |
| 10 620 | 0.69 | 0.030 | 0.2 | 1.0 | 22.4 | 17.9 | 5.5 | 3.6 | 13.3 | 6.9 | 3.0 | 2.1 | 3.4 | 3.8 | 1.5 | 3.1 | 0.5 | 1.2 | 0.9 | 0.7 | 0.7 | 1.0 | 0.7 | 0.9 |
| 10 920 | 0.65 | 0.027 | 0.2 | 1.4 | 19.3 | 17.8 | 6.8 | 3.6 | 6.0 | 4.7 | 2.8 | 2.1 | 2.8 | 2.1 | 1.5 | 0.9 | 0.7 | 1.5 | 0.9 | 2.1 | 2.3 | 2.9 | 4.3 | 3.9 |
| 10 1220 | 0.69 | 0.029 | 0.2 | 0.7 | 14.0 | 11.3 | 6.8 | 2.3 | 4.1 | 3.1 | 1.7 | 0.6 | 1.8 | 1.4 | 1.0 | 1.4 | 1.1 | 2.8 | 5.9 | 13.4 | 8.9 | 2.6 | 3.9 | 2.8 |
| 10 1520 | 0.69 | 0.029 | 0.5 | 1.0 | 12.4 | 12.3 | 3.5 | 4.0 | 3.0 | 5.0 | 1.2 | 1.4 | 1.1 | 0.7 | 1.7 | 1.0 | 2.0 | 3.7 | 6.4 | 10.3 | 11.2 | 4.5 | 4.5 | 3.0 |
| 10 1820 | 0.75 | 0.035 | 0.3 | 1.1 | 12.5 | 6.6 | 6.0 | 2.4 | 1.3 | 1.7 | 0.8 | 0.4 | 0.7 | 0.5 | 0.6 | 1.0 | 2.6 | 5.2 | 15.4 | 11.0 | 13.7 | 6.6 | 3.5 | 1.9 |
| 10 2120 | 0.54 | 0.018 | 0.4 | 0.5 | 10.8 | 15.4 | 5.1 | 2.6 | 2.3 | 1.8 | 0.9 | 2.4 | 0.8 | 0.7 | 0.4 | 0.6 | 0.7 | 0.6 | 1.3 | 3.4 | 9.9 | 9.9 | 10.8 | 5.1 |
| 11 20 | 0.40 | 0.010 | 0.4 | 0.8 | 5.6 | 12.1 | 5.8 | 1.7 | 1.5 | 2.7 | 1.1 | 0.9 | 1.4 | 1.0 | 0.9 | 0.7 | 1.0 | 0.9 | 0.9 | 1.6 | 1.9 | 6.0 | 7.6 | 13.4 |
| 11 320 | 0.32 | 0.006 | 0.6 | 1.1 | 8.8 | 19.9 | 7.4 | 4.5 | 2.1 | 1.7 | 1.5 | 1.3 | 1.0 | 1.4 | 0.8 | 0.6 | 0.6 | 0.4 | 0.5 | 0.9 | 1.2 | 1.8 | 2.1 | 6.1 |
| 11 620 | 0.32 | 0.006 | 0.4 | 1.3 | 11.4 | 29.9 | 14.9 | 5.9 | 1.7 | 3.1 | 3.5 | 2.2 | 1.7 | 1.2 | 1.0 | 1.0 | 0.7 | 0.3 | 0.5 | 0.7 | 0.4 | 0.4 | 0.8 | 0.7 |
| 11 920 | 0.29 | 0.005 | 0.7 | 2.9 | 10.9 | 17.8 | 15.6 | 5.0 | 5.1 | 2.7 | 1.9 | 2.6 | 1.6 | 1.1 | 0.7 | 0.3 | 1.2 | 0.5 | 0.6 | 0.4 | 0.5 | 0.7 | 0.8 | 1.2 |
| 11 1220 | 0.26 | 0.004 | 0.5 | 2.1 | 12.4 | 14.1 | 16.3 | 3.2 | 4.6 | 2.7 | 1.8 | 2.3 | 0.7 | 1.0 | 1.1 | 0.7 | 0.8 | 0.8 | 0.9 | 0.6 | 0.6 | 0.4 | 0.7 | 1.6 |
| 11 1520 | 0.23 | 0.003 | 0.8 | 6.1 | 10.4 | 24.8 | 11.8 | 6.9 | 2.3 | 1.6 | 2.3 | 1.7 | 0.9 | 1.7 | 1.0 | 0.7 | 0.8 | 0.5 | 0.4 | 0.5 | 0.5 | 0.6 | 0.8 | 0.4 |
| 11 1820 | 0.26 | 0.004 | 0.8 | 4.7 | 4.0 | 17.8 | 25.0 | 5.0 | 3.2 | 2.4 | 3.2 | 1.5 | 2.2 | 1.5 | 0.9 | 1.0 | 0.9 | 0.6 | 0.3 | 0.4 | 0.6 | 0.8 | 0.6 | 1.2 |
| 11 2120 | 0.23 | 0.003 | 0.8 | 1.9 | 10.7 | 17.9 | 22.7 | 12.3 | 5.9 | 3.3 | 2.1 | 1.0 | 1.1 | 1.3 | 0.9 | 0.9 | 1.5 | 0.4 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 |
| 12 20 | 0.19 | 0.002 | 0.6 | 4.1 | 9.3 | 16.2 | 19.7 | 6.7 | 3.0 | 3.9 | 2.6 | 2.3 | 3.4 | 3.6 | 2.0 | 1.8 | 1.3 | 1.3 | 1.3 | 1.1 | 1.5 | 0.7 | 1.1 | 1.2 |
| 12 320 | 0.17 | 0.002 | 1.2 | 3.3 | 10.4 | 17.8 | 12.6 | 10.2 | 5.9 | 3.2 | 1.8 | 2.4 | 2.8 | 1.9 | 1.3 | 2.0 | 2.0 | 1.0 | 1.3 | 1.0 | 2.0 | 0.8 | 1.5 | 1.7 |
| 12 920 | 0.17 | 0.002 | 1.1 | 2.1 | 5.7 | 20.1 | 23.2 | 12.5 | 4.2 | 3.6 | 3.0 | 1.5 | 2.6 | 1.3 | 1.5 | 0.9 | 1.1 | 1.1 | 0.7 | 0.6 | 0.8 | 0.5 | 1.0 | 0.9 |
| 12 1220 | 0.19 | 0.002 | 1.7 | 1.8 | 7.3 | 7.4 | 5.1 | 4.3 | 2.0 | 1.2 | 1.2 | 0.6 | 1.2 | 0.6 | 0.4 | 0.5 | 0.7 | 1.3 | 0.9 | 0.6 | 0.6 | 0.9 | 2.0 | 1.8 |
| 12 1520 | 0.20 | 0.003 | 1.0 | 1.9 | 3.9 | 11.4 | 10.4 | 2.5 | 1.5 | 1.2 | 1.3 | 1.5 | 1.0 | 0.9 | 1.2 | 0.5 | 0.9 | 0.7 | 0.8 | 0.8 | 1.1 | 1.0 | 2.0 | 3.5 |
| 12 1820 | 0.23 | 0.003 | 0.6 | 0.9 | 5.5 | 5.8 | 13.8 | 7.8 | 1.6 | 1.7 | 1.1 | 0.5 | 0.9 | 0.6 | 0.7 | 0.5 | 0.3 | 0.3 | 0.4 | 0.5 | 0.9 | 1.5 | 1.5 | 5.0 |
| 12 2120 | 0.23 | 0.003 | 0.8 | 2.4 | 7.2 | 6.8 | 18.4 | 9.8 | 9.6 | 2.4 | 1.5 | 1.8 | 2.1 | 0.6 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.4 | 0.7 | 1.4 |
| 13 20 | 0.19 | 0.002 | 1.0 | 1.5 | 4.3 | 9.5 | 25.0 | 6.4 | 4.2 | 2.9 | 1.3 | 1.6 | 1.8 | 0.7 | 1.1 | 1.3 | 1.2 | 1.1 | 0.5 | 1.3 | 1.2 | 1.0 | 0.7 | 0.8 |
| 13 320 | 0.23 | 0.003 | 1.4 | 1.1 | 2.2 | 6.4 | 10.0 | 7.3 | 2.8 | 2.1 | 1.9 | 2.3 | 0.9 | 1.0 | 1.4 | 1.2 | 3.8 | 3.0 | 2.6 | 3.2 | 2.3 | 2.5 | 2.0 | 2.2 |
| 13 620 | 0.18 | 0.002 | 0.8 | 1.0 | 2.2 | 9.0 | 8.1 | 8.3 | 6.7 | 2.7 | 3.1 | 2.3 | 2.4 | 2.0 | 0.7 | 1.5 | 1.7 | 1.2 | 1.0 | 1.0 | 0.7 | 1.0 | 1.4 | 2.1 |
| 13 920 | 0.26 | 0.004 | 0.8 | 1.4 | 3.3 | 3.2 | 4.8 | 8.6 | 4.2 | 2.0 | 1.4 | 1.4 | 1.1 | 0.5 | 0.6 | 0.9 | 0.4 | 0.3 | 0.4 | 0.4 | 1.4 | 3.8 | 5.9 | 11.6 |
| 13 1220 | 0.21 | 0.003 | 1.4 | 1.2 | 3.0 | 3.1 | 6.5 | 2.7 | 1.0 | 1.5 | 0.9 | 0.7 | 0.9 | 1.0 | 0.6 | 0.6 | 0.4 | 0.3 | 0.7 | 0.7 | 0.8 | 2.2 | 4.5 | 15.0 |
| 13 1520 | 0.16 | 0.002 | 3.0 | 1.4 | 3.9 | 6.8 | 3.2 | 5.4 | 4.1 | 1.9 | 2.4 | 1.1 | 1.0 | 1.1 | 0.4 | 1.1 | 0.6 | 0.9 | 0.5 | 0.8 | 0.6 | 1.3 | 1.3 | 1.3 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 1820 | 0.19 | 0.002 | 1.4 | 1.1 | 1.7 | 3.6 | 6.3 | 5.2 | 6.9 | 5.6 | 3.7 | 2.4 | 1.4 | 1.4 | 1.4 | 1.2 | 1.1 | 1.2 | 1.1 | 0.9 | 0.9 | 0.7 | 0.6 | 2.3 |
| 13 2120 | 0.22 | 0.003 | 0.9 | 1.9 | 4.1 | 2.3 | 6.3 | 8.9 | 7.6 | 7.7 | 13.4 | 7.1 | 3.6 | 1.7 | 1.6 | 1.1 | 0.9 | 0.7 | 0.8 | 0.9 | 0.7 | 0.5 | 0.6 | 0.7 |
| 14 20 | 0.22 | 0.003 | 0.8 | 1.0 | 1.3 | 2.8 | 4.8 | 13.1 | 11.5 | 7.1 | 3.9 | 2.5 | 2.4 | 3.2 | 2.4 | 2.5 | 1.3 | 0.8 | 0.9 | 1.2 | 0.7 | 0.7 | 1.2 | 1.6 |
| 14 320 | 0.19 | 0.002 | 0.8 | 1.1 | 3.8 | 2.5 | 2.9 | 16.2 | 10.9 | 4.2 | 3.3 | 4.2 | 3.6 | 3.4 | 3.7 | 3.4 | 1.7 | 4.5 | 3.5 | 3.1 | 1.8 | 1.3 | 2.0 | 2.1 |
| 14 620 | 0.22 | 0.003 | 0.4 | 0.7 | 1.6 | 1.7 | 2.4 | 3.4 | 11.6 | 4.0 | 8.5 | 3.1 | 7.4 | 13.2 | 7.2 | 5.2 | 2.9 | 3.6 | 4.3 | 2.8 | 2.1 | 1.0 | 1.7 | 1.7 |
| 14 920 | 0.66 | 0.027 | 0.1 | 0.2 | 0.4 | 0.2 | 3.1 | 26.0 | 30.0 | 6.2 | 5.7 | 3.9 | 3.1 | 1.5 | 3.0 | 2.6 | 2.4 | 2.0 | 1.4 | 1.2 | 1.3 | 1.1 | 1.1 | 0.7 |
| 14 1220 | 0.47 | 0.014 | 0.1 | 0.3 | 0.7 | 0.4 | 2.3 | 9.1 | 16.1 | 13.7 | 14.2 | 5.1 | 3.9 | 5.0 | 3.2 | 2.2 | 2.4 | 4.1 | 1.6 | 1.5 | 2.7 | 1.6 | 1.7 | 1.4 |
| 14 1520 | 0.22 | 0.003 | 0.4 | 0.4 | 2.9 | 1.2 | 2.0 | 11.3 | 21.3 | 18.9 | 9.2 | 6.1 | 4.0 | 2.3 | 1.1 | 2.6 | 1.8 | 1.2 | 1.3 | 1.8 | 1.0 | 1.5 | 0.8 | 1.0 |
| 14 1820 | 0.20 | 0.003 | 0.7 | 1.5 | 3.5 | 2.9 | 3.1 | 3.6 | 17.1 | 12.4 | 18.3 | 5.0 | 6.2 | 4.6 | 2.0 | 1.8 | 1.7 | 1.9 | 1.1 | 1.5 | 1.6 | 1.0 | 0.8 | 0.7 |
| 14 2120 | 0.25 | 0.004 | 0.3 | 1.2 | 4.4 | 4.3 | 2.9 | 3.2 | 6.7 | 17.1 | 14.9 | 8.5 | 5.6 | 3.1 | 3.4 | 4.3 | 2.5 | 3.1 | 1.7 | 2.2 | 1.4 | 1.1 | 1.1 | 0.5 |
| 15 20 | 0.26 | 0.004 | 0.4 | 1.0 | 2.5 | 7.8 | 2.6 | 3.9 | 4.5 | 9.4 | 8.9 | 14.1 | 7.4 | 5.0 | 3.7 | 4.0 | 2.2 | 1.5 | 1.0 | 1.3 | 1.3 | 1.0 | 1.6 | 1.6 |
| 15 320 | 0.21 | 0.003 | 0.5 | 0.5 | 2.6 | 7.2 | 3.1 | 3.6 | 4.4 | 6.8 | 3.9 | 5.3 | 3.3 | 2.5 | 1.6 | 2.6 | 1.2 | 1.7 | 2.2 | 2.8 | 3.7 | 7.9 | 5.3 | 3.9 |
| 15 620 | 0.17 | 0.002 | 0.7 | 0.5 | 1.3 | 5.1 | 5.8 | 14.2 | 4.2 | 5.8 | 9.5 | 5.1 | 2.9 | 2.1 | 2.8 | 2.2 | 1.1 | 0.9 | 1.6 | 1.4 | 2.8 | 2.1 | 2.8 | 5.5 |
| 15 920 | 0.19 | 0.002 | 0.8 | 1.0 | 3.9 | 7.4 | 10.4 | 8.7 | 14.2 | 10.0 | 9.9 | 5.5 | 2.8 | 2.7 | 1.3 | 1.2 | 1.4 | 1.6 | 1.6 | 1.2 | 1.0 | 0.6 | 1.1 | 0.8 |
| 15 1220 | 0.18 | 0.002 | 0.8 | 3.7 | 3.2 | 4.7 | 4.0 | 6.6 | 7.9 | 6.8 | 16.1 | 13.4 | 8.5 | 6.2 | 2.6 | 2.0 | 1.8 | 1.2 | 0.9 | 0.8 | 1.0 | 0.5 | 0.4 | 0.4 |
| 15 1520 | 0.13 | 0.001 | 1.5 | 10.4 | 22.1 | 2.3 | 4.5 | 2.6 | 6.4 | 5.3 | 6.3 | 5.3 | 4.6 | 2.9 | 3.3 | 1.8 | 1.1 | 1.4 | 1.1 | 0.8 | 1.3 | 0.8 | 0.8 | 0.7 |
| 15 1820 | 0.23 | 0.003 | 0.6 | 1.0 | 27.1 | 37.1 | 1.8 | 1.5 | 2.6 | 3.5 | 1.6 | 1.5 | 2.6 | 2.8 | 2.2 | 2.4 | 0.7 | 0.8 | 1.2 | 0.4 | 0.5 | 0.6 | 0.6 | 0.4 |
| 15 2120 | 0.36 | 0.008 | 0.4 | 0.6 | 29.4 | 32.9 | 4.8 | 2.1 | 5.3 | 4.7 | 2.6 | 2.0 | 2.4 | 2.0 | 0.4 | 0.6 | 0.6 | 1.0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.1 | 0.3 |
| 16 20 | 0.42 | 0.011 | 0.1 | 0.7 | 40.6 | 15.5 | 10.2 | 3.5 | 5.5 | 3.6 | 3.2 | 2.2 | 1.5 | 1.8 | 2.2 | 1.1 | 0.8 | 1.1 | 0.8 | 1.0 | 0.6 | 0.6 | 0.4 | 0.4 |
| 16 320 | 0.28 | 0.005 | 0.3 | 0.6 | 34.5 | 15.7 | 6.6 | 1.9 | 3.8 | 1.9 | 3.3 | 2.4 | 5.3 | 3.2 | 3.7 | 2.0 | 1.4 | 1.2 | 2.0 | 1.4 | 1.3 | 0.5 | 0.9 | 0.9 |
| 16 620 | 0.26 | 0.004 | 0.4 | 0.7 | 28.3 | 30.0 | 4.7 | 2.1 | 3.4 | 4.9 | 1.6 | 1.5 | 2.2 | 3.6 | 0.9 | 2.2 | 2.4 | 1.8 | 1.3 | 1.0 | 0.7 | 0.7 | 0.6 | 0.5 |
| 16 920 | 0.34 | 0.007 | 0.2 | 0.8 | 15.7 | 36.7 | 9.4 | 2.3 | 4.4 | 8.7 | 2.4 | 1.8 | 1.8 | 1.6 | 1.3 | 0.9 | 0.9 | 0.7 | 1.5 | 1.2 | 0.9 | 1.1 | 0.6 | 0.7 |
| 16 1220 | 0.35 | 0.008 | 0.2 | 0.2 | 18.4 | 42.7 | 4.2 | 1.4 | 2.9 | 11.9 | 2.7 | 1.5 | 1.5 | 1.5 | 1.4 | 0.8 | 0.9 | 1.0 | 0.8 | 0.3 | 0.5 | 0.4 | 0.5 | 0.3 |
| 16 1520 | 0.23 | 0.003 | 0.8 | 0.4 | 6.1 | 43.7 | 5.6 | 2.1 | 2.2 | 4.9 | 4.5 | 2.4 | 1.9 | 2.9 | 2.5 | 1.8 | 1.1 | 3.0 | 1.5 | 1.0 | 1.7 | 1.0 | 0.6 | 0.6 |
| 16 1820 | 0.21 | 0.003 | 0.6 | 1.2 | 4.6 | 32.3 | 14.2 | 4.5 | 1.9 | 3.0 | 6.6 | 2.2 | 1.2 | 3.2 | 4.1 | 2.5 | 0.8 | 0.7 | 1.9 | 1.5 | 1.0 | 1.2 | 1.4 | 1.4 |
| 16 2120 | 0.27 | 0.004 | 0.4 | 0.3 | 1.5 | 38.8 | 20.0 | 8.5 | 2.9 | 2.0 | 4.5 | 3.3 | 0.8 | 1.1 | 1.7 | 1.4 | 1.1 | 1.0 | 0.4 | 0.9 | 0.3 | 1.0 | 0.8 | 0.6 |
| 17 20 | 0.28 | 0.005 | 0.5 | 0.4 | 1.1 | 23.6 | 25.1 | 4.7 | 2.0 | 3.3 | 6.8 | 4.3 | 1.4 | 2.5 | 1.8 | 2.1 | 2.1 | 1.7 | 1.2 | 0.6 | 1.4 | 1.4 | 0.7 | 1.4 |
| 17 320 | 0.22 | 0.003 | 0.8 | 0.4 | 0.9 | 36.9 | 20.2 | 3.6 | 2.7 | 3.5 | 5.5 | 1.8 | 2.4 | 2.7 | 1.5 | 0.8 | 1.5 | 0.8 | 0.7 | 0.9 | 1.0 | 0.4 | 0.8 | 0.6 |
| 17 620 | 0.20 | 0.002 | 1.2 | 0.4 | 1.9 | 10.6 | 22.4 | 7.1 | 0.7 | 1.9 | 7.6 | 3.7 | 1.6 | 1.7 | 2.3 | 2.5 | 1.5 | 1.8 | 1.5 | 2.9 | 1.9 | 2.3 | 1.8 | 1.0 |
| 17 920 | 0.22 | 0.003 | 0.8 | 0.5 | 1.0 | 5.9 | 24.0 | 13.5 | 3.1 | 3.0 | 6.3 | 3.6 | 2.3 | 2.1 | 1.5 | 0.7 | 1.1 | 1.2 | 0.6 | 0.6 | 0.5 | 0.5 | 0.9 | 1.0 |
| 17 1220 | 0.18 | 0.002 | 1.6 | 1.0 | 3.2 | 5.5 | 14.5 | 12.7 | 5.1 | 10.3 | 8.3 | 3.4 | 2.8 | 1.8 | 2.4 | 2.1 | 2.7 | 1.2 | 1.4 | 0.5 | 0.6 | 0.7 | 0.9 | 1.3 |
| 17 1520 | 0.16 | 0.002 | 1.0 | 1.0 | 2.6 | 8.2 | 13.0 | 6.9 | 4.7 | 4.3 | 4.8 | 1.9 | 2.0 | 1.4 | 1.1 | 2.0 | 0.7 | 0.8 | 1.4 | 0.8 | 1.1 | 0.6 | 1.1 | 0.7 |
| 17 1820 | 0.18 | 0.002 | 1.2 | 1.1 | 13.7 | 12.4 | 12.2 | 5.9 | 2.7 | 2.6 | 4.8 | 1.3 | 1.1 | 0.8 | 1.4 | 1.1 | 0.9 | 0.9 | 0.5 | 0.5 | 0.8 | 1.0 | 0.4 | 0.5 |
| 17 2120 | 0.48 | 0.014 | 0.3 | 0.1 | 6.2 | 37.8 | 17.2 | 7.3 | 3.0 | 5.1 | 3.3 | 3.3 | 1.2 | 1.3 | 3.1 | 1.2 | 0.9 | 0.9 | 0.8 | 0.4 | 0.5 | 0.5 | 0.6 | 0.4 |
| 18 20 | 0.54 | 0.018 | 0.1 | 0.2 | 20.7 | 18.2 | 19.5 | 10.5 | 4.1 | 4.7 | 4.9 | 3.0 | 1.4 | 2.0 | 1.5 | 0.7 | 0.9 | 0.6 | 0.4 | 0.6 | 0.3 | 0.6 | 0.2 | 0.3 |
| 18 620 | 0.42 | 0.011 | 0.2 | 0.3 | 20.5 | 34.6 | 4.7 | 1.9 | 6.2 | 7.6 | 1.5 | 1.6 | 2.3 | 4.0 | 1.1 | 2.2 | 3.4 | 1.0 | 0.8 | 0.8 | 1.0 | 0.4 | 0.5 | 0.5 |
| 18 920 | 0.44 | 0.012 | 0.3 | 0.2 | 26.2 | 21.7 | 11.4 | 3.5 | 5.7 | 4.3 | 2.4 | 1.0 | 2.6 | 3.7 | 1.8 | 1.0 | 1.5 | 1.4 | 1.8 | 0.9 | 0.7 | 0.4 | 0.3 | 0.8 |
| 18 1220 | 0.52 | 0.017 | 0.1 | 0.3 | 38.1 | 21.9 | 6.7 | 2.1 | 7.2 | 6.9 | 2.6 | 1.1 | 1.7 | 1.5 | 0.9 | 0.6 | 0.6 | 1.0 | 0.9 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 |
| 18 1520 | 0.48 | 0.015 | 0.3 | 0.3 | 33.5 | 17.1 | 3.5 | 4.3 | 13.3 | 3.5 | 1.2 | 0.9 | 1.4 | 1.7 | 1.9 | 1.2 | 0.6 | 1.1 | 0.6 | 0.7 | 0.6 | 0.4 | 0.6 | 0.5 |
| 18 2120 | 0.37 | 0.008 | 0.5 | 0.4 | 6.5 | 34.3 | 11.1 | 3.4 | 1.9 | 3.5 | 2.9 | 1.2 | 1.2 | 1.5 | 2.0 | 1.3 | 1.0 | 0.6 | 1.2 | 0.7 | 0.7 | 0.7 | 2.5 | 2.5 |
| 19 20 | 0.42 | 0.011 | 0.2 | 0.3 | 21.5 | 34.1 | 4.2 | 6.5 | 3.0 | 6.1 | 3.6 | 1.8 | 0.7 | 2.5 | 1.7 | 0.7 | 0.5 | 1.6 | 0.7 | 0.6 | 1.1 | 0.8 | 0.6 | 0.4 |
| 19 320 | 0.42 | 0.011 | 0.2 | 0.4 | 10.0 | 34.9 | 18.4 | 4.8 | 2.8 | 5.5 | 3.5 | 1.9 | 1.1 | 2.4 | 1.4 | 1.7 | 1.0 | 0.9 | 0.5 | 1.1 | 0.5 | 0.5 | 0.5 | 0.4 |
| 19 620 | 0.35 | 0.008 | 0.3 | 1.7 | 22.9 | 21.7 | 10.0 | 4.1 | 7.1 | 7.6 | 2.3 | 3.7 | 3.2 | 2.3 | 1.7 | 1.2 | 1.7 | 1.3 | 1.4 | 0.6 | 0.6 | 0.4 | 0.4 | 0.5 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 920 | 0.48 | 0.014 | 0.2 | 0.3 | 15.7 | 42.5 | 5.7 | 2.9 | 1.9 | 5.2 | 3.0 | 2.3 | 1.3 | 1.7 | 1.5 | 1.4 | 0.8 | 0.8 | 1.3 | 1.0 | 1.2 | 0.8 | 0.6 | 0.7 |
| 19 1220 | 0.51 | 0.016 | 0.2 | 0.8 | 12.1 | 30.6 | 14.8 | 8.6 | 5.4 | 3.7 | 4.3 | 1.8 | 1.8 | 2.1 | 1.5 | 1.8 | 1.3 | 1.2 | 2.0 | 1.2 | 0.6 | 0.4 | 0.5 | 0.6 |
| 19 1520 | 0.41 | 0.011 | 0.3 | 1.8 | 14.6 | 19.0 | 20.3 | 9.8 | 3.4 | 5.4 | 2.3 | 3.3 | 1.3 | 1.7 | 1.3 | 2.5 | 1.6 | 1.8 | 1.6 | 1.1 | 1.4 | 0.7 | 0.6 | 0.5 |
| 19 2120 | 0.32 | 0.006 | 0.2 | 0.1 | 16.3 | 25.2 | 8.3 | 9.4 | 3.3 | 5.3 | 4.2 | 1.6 | 3.0 | 2.4 | 2.2 | 1.3 | 3.0 | 2.1 | 1.3 | 1.0 | 1.3 | 1.0 | 0.8 | 0.7 |
| 19 2315 | 0.32 | 0.006 | 0.2 | 0.4 | 7.5 | 39.0 | 12.2 | 4.1 | 6.1 | 3.2 | 3.0 | 2.2 | 1.1 | 1.8 | 4.3 | 2.1 | 0.8 | 1.1 | 1.0 | 0.9 | 1.0 | 0.7 | 0.7 | 0.3 |
| 20 420 | 0.36 | 0.008 | 0.2 | 0.3 | 11.9 | 22.9 | 18.1 | 7.7 | 3.6 | 4.4 | 2.1 | 2.6 | 1.3 | 1.4 | 1.0 | 1.7 | 1.7 | 1.7 | 1.2 | 1.9 | 1.6 | 2.1 | 1.5 | 1.5 |
| 20 720 | 0.33 | 0.007 | 0.2 | 0.2 | 10.9 | 19.8 | 13.0 | 5.6 | 3.8 | 3.9 | 2.5 | 1.7 | 1.8 | 1.4 | 1.3 | 1.2 | 2.1 | 1.2 | 6.2 | 6.0 | 2.9 | 2.9 | 1.9 | 2.0 |
| 20 1020 | 0.30 | 0.006 | 0.4 | 0.6 | 3.8 | 37.9 | 11.8 | 9.0 | 3.1 | 3.2 | 5.1 | 1.7 | 1.6 | 2.6 | 1.5 | 1.5 | 1.8 | 0.9 | 1.5 | 1.1 | 1.5 | 0.8 | 1.3 | 1.2 |
| 20 1320 | 0.37 | 0.009 | 0.2 | 0.4 | 7.9 | 40.1 | 8.2 | 6.9 | 3.8 | 5.0 | 3.0 | 3.9 | 1.9 | 2.4 | 2.2 | 1.4 | 1.5 | 1.6 | 0.6 | 1.3 | 0.7 | 1.0 | 0.7 | 0.7 |
| 20 1620 | 0.34 | 0.007 | 0.2 | 0.5 | 2.4 | 42.7 | 11.5 | 3.8 | 3.6 | 5.2 | 3.4 | 1.6 | 1.6 | 2.5 | 3.1 | 2.7 | 2.8 | 1.7 | 1.5 | 1.2 | 0.9 | 1.2 | 0.6 | 0.5 |
| 20 2220 | 0.25 | 0.004 | 0.3 | 0.6 | 0.7 | 31.7 | 19.4 | 11.2 | 4.7 | 1.8 | 1.7 | 2.0 | 2.0 | 2.4 | 2.7 | 1.1 | 1.9 | 1.5 | 2.1 | 0.7 | 0.7 | 0.8 | 0.7 | 0.5 |
| 21 420 | 0.27 | 0.005 | 0.3 | 0.7 | 2.5 | 11.0 | 15.0 | 18.8 | 6.7 | 4.1 | 3.8 | 2.7 | 2.7 | 2.1 | 5.5 | 3.9 | 1.1 | 1.4 | 2.4 | 1.9 | 2.0 | 0.7 | 0.8 | 1.2 |
| 21 720 | 0.22 | 0.003 | 0.8 | 3.1 | 1.6 | 26.6 | 14.5 | 6.8 | 2.4 | 2.2 | 2.3 | 1.6 | 1.7 | 1.0 | 1.4 | 1.0 | 0.9 | 1.2 | 1.0 | 0.9 | 1.1 | 1.2 | 1.1 | 1.5 |
| 21 1320 | 0.24 | 0.004 | 0.8 | 2.2 | 2.9 | 5.6 | 10.2 | 5.7 | 2.1 | 1.2 | 1.4 | 1.2 | 0.8 | 0.6 | 0.7 | 0.3 | 0.5 | 0.2 | 0.3 | 0.8 | 1.1 | 1.0 | 1.7 | 5.5 |
| 21 1620 | 0.25 | 0.004 | 1.1 | 1.6 | 1.4 | 14.0 | 12.1 | 2.1 | 0.9 | 0.6 | 1.6 | 0.4 | 0.5 | 0.4 | 0.2 | 0.3 | 0.6 | 0.4 | 0.4 | 0.8 | 1.4 | 1.2 | 1.1 | 3.0 |
| 21 1920 | 0.22 | 0.003 | 0.9 | 4.1 | 2.9 | 7.4 | 7.7 | 5.7 | 0.7 | 1.0 | 0.9 | 1.1 | 0.7 | 0.2 | 0.6 | 0.6 | 1.0 | 0.9 | 1.0 | 1.1 | 1.2 | 1.9 | 1.4 | 3.2 |
| 21 2220 | 0.18 | 0.002 | 1.4 | 7.1 | 3.7 | 6.1 | 5.6 | 3.8 | 6.7 | 4.8 | 2.6 | 1.6 | 1.4 | 0.8 | 1.3 | 0.6 | 0.6 | 0.8 | 0.9 | 0.6 | 0.9 | 1.2 | 0.8 | 2.0 |
| 22 120 | 0.22 | 0.003 | 1.0 | 4.7 | 7.0 | 2.6 | 2.6 | 4.3 | 2.8 | 4.4 | 2.5 | 3.1 | 1.0 | 2.5 | 1.1 | 1.5 | 1.6 | 1.7 | 1.2 | 1.5 | 2.1 | 4.4 | 5.6 | 5.0 |
| 22 420 | 0.33 | 0.007 | 0.2 | 1.0 | 9.2 | 11.1 | 5.1 | 1.9 | 3.3 | 1.4 | 1.6 | 1.3 | 1.8 | 1.7 | 1.1 | 1.6 | 2.4 | 2.1 | 2.2 | 4.6 | 7.1 | 6.5 | 9.0 | 6.8 |
| 22 720 | 0.29 | 0.005 | 0.6 | 1.9 | 11.7 | 11.6 | 2.8 | 2.9 | 3.3 | 2.6 | 1.3 | 1.2 | 0.8 | 1.4 | 1.2 | 1.3 | 1.2 | 1.7 | 1.4 | 2.5 | 2.5 | 5.6 | 5.1 | 8.3 |
| 22 1020 | 0.24 | 0.004 | 0.5 | 3.5 | 13.8 | 21.2 | 7.6 | 1.9 | 2.0 | 2.7 | 3.4 | 3.6 | 3.6 | 2.0 | 1.2 | 1.4 | 1.9 | 2.2 | 3.0 | 1.6 | 1.9 | 1.3 | 2.1 | 2.1 |
| 22 1320 | 0.22 | 0.003 | 0.7 | 3.5 | 17.6 | 23.2 | 6.8 | 3.4 | 3.1 | 3.7 | 4.6 | 3.2 | 4.1 | 2.5 | 1.7 | 2.0 | 1.4 | 1.8 | 0.8 | 0.9 | 1.5 | 1.7 | 1.0 | 1.8 |
| 22 1620 | 0.28 | 0.005 | 0.7 | 2.2 | 10.1 | 37.3 | 10.8 | 2.9 | 2.8 | 2.9 | 3.8 | 2.9 | 1.0 | 0.9 | 1.7 | 1.5 | 0.7 | 0.9 | 0.5 | 0.3 | 0.7 | 0.7 | 0.7 | 0.6 |
| 22 1920 | 0.39 | 0.010 | 0.6 | 0.5 | 3.7 | 8.1 | 3.0 | 0.9 | 0.6 | 0.9 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.7 | 0.9 | 3.2 | 8.7 | 19.6 | 14.0 | 9.5 | 8.9 |
| 23 120 | 0.53 | 0.018 | 0.3 | 0.4 | 0.4 | 4.1 | 1.7 | 3.3 | 1.0 | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.5 | 0.7 | 2.2 | 6.6 | 11.9 | 19.2 | 17.7 | 11.9 | 5.6 | 3.1 |
| 23 420 | 0.43 | 0.012 | 0.4 | 0.7 | 1.7 | 1.7 | 0.9 | 0.7 | 0.6 | 0.6 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 1.9 | 3.1 | 16.8 | 14.7 | 12.6 | 16.5 | 8.8 |
| 23 720 | 0.31 | 0.006 | 0.4 | 0.7 | 3.0 | 7.5 | 1.0 | 0.9 | 1.1 | 1.2 | 0.8 | 0.3 | 0.3 | 0.5 | 0.2 | 0.2 | 0.6 | 1.0 | 1.3 | 3.8 | 4.9 | 12.3 | 12.7 | 15.0 |
| 23 1020 | 0.32 | 0.006 | 0.4 | 2.8 | 2.3 | 12.5 | 3.0 | 0.6 | 0.8 | 0.7 | 0.8 | 0.4 | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 | 0.6 | 0.7 | 2.1 | 6.0 | 13.8 | 10.6 | 14.1 |
| 23 1320 | 0.31 | 0.006 | 0.4 | 0.6 | 2.1 | 3.0 | 2.5 | 0.9 | 0.7 | 0.5 | 0.6 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.9 | 1.3 | 3.7 | 8.4 | 19.2 | 21.9 |
| 23 1620 | 0.26 | 0.004 | 0.6 | 3.2 | 5.1 | 2.7 | 3.4 | 2.6 | 2.0 | 1.6 | 2.0 | 0.7 | 0.7 | 0.6 | 0.3 | 0.1 | 0.4 | 0.4 | 0.7 | 0.7 | 1.4 | 2.6 | 4.7 | 12.4 |
| 23 1920 | 0.22 | 0.003 | 0.5 | 3.6 | 3.1 | 9.0 | 2.3 | 1.6 | 3.4 | 4.3 | 1.7 | 1.5 | 1.0 | 3.3 | 1.2 | 1.1 | 0.7 | 1.4 | 0.6 | 1.3 | 1.4 | 1.6 | 1.9 | 3.1 |
| 23 2220 | 0.24 | 0.004 | 1.0 | 4.0 | 2.5 | 1.9 | 1.7 | 1.0 | 2.1 | 1.2 | 1.2 | 1.2 | 0.6 | 0.4 | 0.3 | 0.5 | 0.5 | 0.3 | 0.4 | 0.8 | 0.7 | 1.9 | 4.4 | 4.7 |
| 24 420 | 0.20 | 0.002 | 1.4 | 4.3 | 3.3 | 2.8 | 5.6 | 2.2 | 2.6 | 1.9 | 1.6 | 1.3 | 1.0 | 1.4 | 1.0 | 0.7 | 1.0 | 0.5 | 1.3 | 1.2 | 1.0 | 0.6 | 1.7 | 2.6 |
| 24 720 | 0.20 | 0.003 | 1.6 | 7.3 | 1.8 | 2.6 | 1.4 | 1.4 | 1.5 | 2.3 | 1.6 | 1.5 | 0.8 | 0.4 | 0.8 | 0.9 | 0.4 | 0.7 | 0.7 | 0.9 | 1.0 | 1.1 | 2.0 | 2.8 |
| 24 1020 | 0.21 | 0.003 | 0.8 | 5.4 | 1.4 | 1.7 | 1.0 | 1.1 | 0.8 | 1.8 | 1.7 | 0.8 | 0.8 | 0.7 | 0.9 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 | 2.2 | 3.6 | 4.9 |
| 24 1320 | 0.19 | 0.002 | 1.1 | 4.8 | 3.5 | 2.3 | 1.0 | 1.4 | 1.0 | 1.1 | 1.3 | 0.7 | 0.6 | 0.3 | 0.5 | 0.6 | 0.6 | 0.6 | 0.9 | 1.3 | 1.0 | 1.9 | 1.4 | 3.5 |
| 24 1620 | 0.13 | 0.001 | 1.5 | 17.2 | 5.4 | 5.7 | 4.7 | 6.8 | 3.9 | 3.6 | 2.0 | 4.0 | 2.7 | 4.5 | 1.7 | 1.9 | 1.6 | 1.5 | 1.6 | 1.7 | 2.2 | 2.1 | 1.5 | 1.7 |
| 24 1920 | 0.17 | 0.002 | 0.8 | 16.6 | 3.6 | 2.0 | 7.2 | 9.1 | 6.6 | 3.1 | 3.2 | 2.0 | 2.2 | 2.3 | 1.6 | 2.1 | 1.6 | 1.8 | 2.3 | 1.4 | 2.0 | 1.6 | 1.5 | 3.0 |
| 24 2220 | 0.19 | 0.002 | 0.8 | 4.7 | 6.6 | 2.3 | 2.5 | 3.1 | 2.7 | 2.9 | 2.3 | 3.0 | 2.9 | 4.2 | 8.1 | 3.6 | 4.2 | 2.6 | 6.8 | 5.5 | 1.3 | 1.3 | 1.9 | 2.3 |
| 25 1020 | 0.21 | 0.003 | 0.4 | 1.8 | 6.8 | 2.7 | 4.0 | 5.0 | 6.6 | 5.9 | 7.6 | 1.7 | 2.4 | 2.5 | 2.2 | 2.1 | 1.7 | 2.5 | 1.8 | 2.1 | 2.7 | 2.5 | 2.5 | 1.0 |
| 25 1320 | 0.19 | 0.002 | 0.6 | 4.5 | 4.5 | 4.6 | 3.8 | 3.8 | 6.4 | 4.8 | 5.6 | 2.0 | 3.1 | 3.8 | 2.2 | 2.8 | 4.3 | 1.7 | 1.7 | 3.1 | 1.5 | 1.5 | 1.6 | 2.4 |
| 25 1620 | 0.19 | 0.002 | 0.7 | 1.8 | 4.4 | 5.7 | 3.0 | 5.0 | 3.1 | 4.8 | 6.4 | 2.6 | 2.7 | 2.9 | 3.0 | 3.1 | 4.2 | 3.9 | 2.2 | 3.1 | 3.1 | 2.1 | 2.0 | 1.8 |
| 25 1920 | 0.29 | 0.005 | 0.4 | 2.2 | 3.0 | 1.4 | 1.8 | 3.7 | 2.5 | 1.9 | 2.3 | 2.2 | 2.3 | 3.0 | 3.7 | 7.0 | 5.0 | 9.1 | 3.4 | 4.3 | 5.7 | 4.2 | 4.6 | 4.7 |

KODIAK, ALASKA GAGE 012: INNER BUOY
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 25 2220 | 0.42 | 0.011 | 0.2 | 1.7 | 1.0 | 1.0 | 0.8 | 1.3 | 0.6 | 3.1 | 1.1 | 3.8 | 8.8 | 8.3 | 4.3 | 5.9 | 8.7 | 8.2 | 11.2 | 4.6 | 4.0 | 2.5 | 2.5 | 2.6 |
| 26 120 | 0.38 | 0.009 | 0.1 | 0.6 | 1.6 | 0.4 | 0.7 | 0.5 | 1.6 | 3.0 | 8.3 | 5.3 | 5.3 | 3.6 | 5.9 | 8.5 | 5.8 | 7.1 | 6.8 | 7.6 | 4.0 | 5.3 | 3.0 | 2.8 |
| 26 420 | 0.51 | 0.016 | 0.1 | 0.1 | 1.0 | 0.3 | 0.4 | 0.7 | 6.0 | 26.9 | 11.4 | 4.9 | 3.8 | 4.2 | 3.0 | 5.3 | 4.9 | 4.1 | 3.5 | 3.0 | 1.5 | 3.5 | 2.0 | 1.7 |
| 26 720 | 0.71 | 0.031 | 0.1 | 0.1 | 0.2 | 0.5 | 0.8 | 4.0 | 7.9 | 6.9 | 7.8 | 7.4 | 5.9 | 8.5 | 15.4 | 8.3 | 5.9 | 2.9 | 2.6 | 3.5 | 1.5 | 2.3 | 1.5 | 0.9 |
| 26 1020 | 0.83 | 0.043 | 0.1 | 0.3 | 0.5 | 0.6 | 3.4 | 11.7 | 18.8 | 10.7 | 11.6 | 9.4 | 4.0 | 4.5 | 5.2 | 5.0 | 2.4 | 3.5 | 1.5 | 1.0 | 1.3 | 0.8 | 0.6 | 0.7 |
| 26 1320 | 0.75 | 0.035 | 0.1 | 0.2 | 0.2 | 1.6 | 11.0 | 14.7 | 9.4 | 8.2 | 7.6 | 6.4 | 4.6 | 9.8 | 3.7 | 4.3 | 3.8 | 4.1 | 1.9 | 1.4 | 0.6 | 0.7 | 1.1 | 1.2 |
| 26 1620 | 0.73 | 0.033 | 0.1 | 0.1 | 0.3 | 7.8 | 11.4 | 14.5 | 15.5 | 6.0 | 5.4 | 5.3 | 4.4 | 4.1 | 4.3 | 5.3 | 3.1 | 3.1 | 2.7 | 1.2 | 1.5 | 0.7 | 0.3 | 0.6 |
| 26 1920 | 0.79 | 0.039 | 0.1 | 0.1 | 0.4 | 3.0 | 16.6 | 12.0 | 10.9 | 6.9 | 10.0 | 4.9 | 4.1 | 5.6 | 3.0 | 6.7 | 2.1 | 2.7 | 2.4 | 2.1 | 1.2 | 1.0 | 0.9 | 0.6 |
| 26 2220 | 0.71 | 0.032 | 0.1 | 0.1 | 0.6 | 11.8 | 23.4 | 12.2 | 5.9 | 9.4 | 6.0 | 8.0 | 4.9 | 2.9 | 2.5 | 1.5 | 1.5 | 1.9 | 1.7 | 0.7 | 0.7 | 0.8 | 0.9 | 0.2 |
| 27 120 | 0.53 | 0.018 | 0.2 | 0.1 | 0.6 | 15.5 | 16.3 | 12.9 | 6.1 | 2.9 | 5.6 | 9.9 | 5.0 | 2.5 | 3.6 | 3.8 | 2.2 | 2.3 | 2.0 | 1.7 | 1.0 | 1.7 | 0.6 | 0.6 |
| 27 420 | 0.50 | 0.016 | 0.1 | 0.1 | 0.2 | 12.1 | 28.1 | 13.4 | 8.2 | 5.6 | 5.3 | 3.4 | 4.2 | 3.3 | 1.4 | 2.5 | 1.9 | 1.8 | 0.9 | 1.1 | 0.7 | 0.7 | 0.6 | 0.8 |
| 27 720 | 0.59 | 0.022 | 0.1 | 0.2 | 1.0 | 6.3 | 36.1 | 13.9 | 7.3 | 6.9 | 3.4 | 5.8 | 3.5 | 2.3 | 1.3 | 1.7 | 1.4 | 1.2 | 1.4 | 0.7 | 1.1 | 0.4 | 0.7 | 0.5 |
| 27 1020 | 0.64 | 0.026 | 0.1 | 0.2 | 0.7 | 5.9 | 25.5 | 11.5 | 8.1 | 4.7 | 6.3 | 6.8 | 7.9 | 7.0 | 4.0 | 2.0 | 2.0 | 1.5 | 1.0 | 0.8 | 0.6 | 0.8 | 0.5 | 0.5 |
| 27 1320 | 0.61 | 0.023 | 0.1 | 0.1 | 0.9 | 4.3 | 7.5 | 11.0 | 10.6 | 7.5 | 8.8 | 10.3 | 6.2 | 5.3 | 3.6 | 3.4 | 4.8 | 2.2 | 2.3 | 2.6 | 2.5 | 0.9 | 1.0 | 1.0 |
| 27 1620 | 0.71 | 0.031 | 0.1 | 0.1 | 0.6 | 2.2 | 12.0 | 18.5 | 8.0 | 4.7 | 3.8 | 7.3 | 4.4 | 6.8 | 8.3 | 3.4 | 3.2 | 2.1 | 4.0 | 1.5 | 1.6 | 1.3 | 1.3 | 1.1 |
| 27 2220 | 0.73 | 0.033 | 0.1 | 0.1 | 0.6 | 1.2 | 22.6 | 16.7 | 5.8 | 5.0 | 4.1 | 4.2 | 7.1 | 6.8 | 3.7 | 2.4 | 4.2 | 2.2 | 2.6 | 2.8 | 1.8 | 1.2 | 0.5 | 0.9 |
| 28 120 | 0.55 | 0.019 | 4.2 | 2.3 | 2.2 | 2.1 | 21.0 | 15.8 | 7.6 | 4.9 | 4.3 | 3.9 | 3.3 | 4.1 | 3.5 | 2.8 | 3.1 | 4.1 | 1.9 | 1.9 | 1.8 | 1.9 | 0.9 | 0.8 |
| 28 420 | 0.49 | 0.015 | 0.1 | 0.1 | 0.6 | 1.1 | 13.9 | 27.8 | 10.5 | 5.1 | 4.4 | 4.4 | 3.5 | 4.5 | 3.0 | 2.1 | 2.1 | 1.4 | 1.2 | 3.3 | 1.4 | 1.5 | 1.7 | 1.1 |
| 28 720 | 0.49 | 0.015 | 0.1 | 0.2 | 1.5 | 1.3 | 11.5 | 22.1 | 11.6 | 4.7 | 5.8 | 4.4 | 4.4 | 4.3 | 3.0 | 3.2 | 3.8 | 2.9 | 2.3 | 2.6 | 1.9 | 1.3 | 1.3 | 1.4 |
| 28 1020 | 0.57 | 0.020 | 0.1 | 0.2 | 1.3 | 2.0 | 10.9 | 27.0 | 9.2 | 9.0 | 2.9 | 3.9 | 2.5 | 3.1 | 4.0 | 1.1 | 1.8 | 1.3 | 2.7 | 2.9 | 2.9 | 2.2 | 2.5 | 1.1 |
| 28 1320 | 0.45 | 0.013 | 0.2 | 0.1 | 1.6 | 1.4 | 6.0 | 16.6 | 10.7 | 5.0 | 6.3 | 6.7 | 4.9 | 6.3 | 2.9 | 4.0 | 4.5 | 3.5 | 4.0 | 2.6 | 2.4 | 1.5 | 2.0 | 1.8 |
| 28 1620 | 0.29 | 0.005 | 0.2 | 0.2 | 2.8 | 3.1 | 9.5 | 11.6 | 13.5 | 7.3 | 3.8 | 4.7 | 5.3 | 2.8 | 2.5 | 3.9 | 3.1 | 2.7 | 2.5 | 1.9 | 2.5 | 2.4 | 1.5 | 1.1 |
| 28 1920 | 0.32 | 0.006 | 0.3 | 0.3 | 3.0 | 3.3 | 6.0 | 8.2 | 11.6 | 16.3 | 10.6 | 5.8 | 5.4 | 3.5 | 5.5 | 3.2 | 1.6 | 1.3 | 1.4 | 1.5 | 1.5 | 1.0 | 1.5 | 1.2 |
| 28 2220 | 0.52 | 0.017 | 0.1 | 0.2 | 1.1 | 1.6 | 3.5 | 5.3 | 7.7 | 4.5 | 3.9 | 5.5 | 5.1 | 5.9 | 7.9 | 6.8 | 7.1 | 5.8 | 4.5 | 4.7 | 2.9 | 3.5 | 3.0 | 1.7 |
| 29 120 | 0.51 | 0.016 | 0.1 | 0.1 | 1.1 | 0.8 | 1.2 | 3.0 | 3.6 | 10.2 | 7.5 | 5.8 | 14.2 | 5.3 | 10.3 | 6.3 | 5.0 | 4.9 | 3.2 | 5.0 | 3.1 | 1.9 | 1.5 | 1.0 |
| 29 420 | 0.67 | 0.028 | 0.8 | 0.1 | 0.3 | 0.7 | 1.2 | 2.6 | 19.3 | 17.5 | 7.8 | 6.6 | 5.2 | 5.4 | 6.2 | 5.1 | 3.8 | 2.7 | 2.1 | 3.4 | 1.1 | 1.8 | 1.4 | 0.9 |
| 29 720 | 0.79 | 0.039 | 0.2 | 0.1 | 0.4 | 0.4 | 3.4 | 7.0 | 14.5 | 11.9 | 10.3 | 11.7 | 5.5 | 6.3 | 5.0 | 4.2 | 3.8 | 2.3 | 2.5 | 2.2 | 1.7 | 1.2 | 0.8 | 1.0 |
| 29 1020 | 0.79 | 0.039 | 0.1 | 0.1 | 0.5 | 0.8 | 7.1 | 19.9 | 13.7 | 6.8 | 8.0 | 3.8 | 9.1 | 5.8 | 2.7 | 5.1 | 3.0 | 2.5 | 2.4 | 2.0 | 0.9 | 1.0 | 0.7 | 1.0 |
| 29 1320 | 0.91 | 0.052 | 0.1 | 0.1 | 0.3 | 0.5 | 7.0 | 16.4 | 10.8 | 10.8 | 8.2 | 6.2 | 6.0 | 9.2 | 4.4 | 4.3 | 3.5 | 2.5 | 2.7 | 1.4 | 0.8 | 1.0 | 0.4 | 0.4 |
| 29 1620 | 0.62 | 0.024 | 0.1 | 0.0 | 0.2 | 1.0 | 9.9 | 11.2 | 8.3 | 5.0 | 7.4 | 9.0 | 5.8 | 4.2 | 3.4 | 5.3 | 3.5 | 5.1 | 2.9 | 4.1 | 3.9 | 1.6 | 1.9 | 1.5 |
| 29 1920 | 0.56 | 0.021 | 0.1 | 0.1 | 0.3 | 2.4 | 26.8 | 14.8 | 5.6 | 8.8 | 6.6 | 3.7 | 2.4 | 2.8 | 3.6 | 2.4 | 2.0 | 1.5 | 3.5 | 1.9 | 1.7 | 2.3 | 1.1 | 1.0 |
| 29 2220 | 0.62 | 0.024 | 0.1 | 0.1 | 0.3 | 1.4 | 28.3 | 25.5 | 7.4 | 6.5 | 5.1 | 3.9 | 4.6 | 3.4 | 1.4 | 3.5 | 1.5 | 1.2 | 0.9 | 0.4 | 0.7 | 0.8 | 0.6 | 0.6 |
| 30 120 | 0.48 | 0.014 | 0.1 | 0.1 | 0.5 | 2.1 | 11.3 | 25.5 | 12.3 | 7.0 | 5.0 | 4.0 | 3.5 | 2.4 | 2.9 | 2.9 | 1.3 | 1.2 | 2.7 | 2.8 | 2.6 | 2.0 | 1.2 | 1.3 |
| 30 420 | 0.34 | 0.007 | 0.2 | 0.2 | 0.6 | 1.9 | 14.5 | 16.6 | 10.6 | 8.8 | 4.4 | 5.0 | 4.5 | 3.7 | 3.6 | 2.4 | 1.8 | 1.5 | 1.7 | 2.6 | 2.1 | 1.4 | 2.2 | 1.5 |
| 30 720 | 0.31 | 0.006 | 0.2 | 0.2 | 0.8 | 1.3 | 4.9 | 22.3 | 23.9 | 8.2 | 5.7 | 3.4 | 3.3 | 3.4 | 3.1 | 1.8 | 1.2 | 2.4 | 1.5 | 1.3 | 1.5 | 1.0 | 1.3 | 0.9 |
| 30 1020 | 0.44 | 0.012 | 0.1 | 0.1 | 0.8 | 3.0 | 7.8 | 27.1 | 16.0 | 11.5 | 9.9 | 5.8 | 2.2 | 3.9 | 1.7 | 1.7 | 0.9 | 1.0 | 1.2 | 0.6 | 1.0 | 0.7 | 0.5 | 0.4 |
| 30 1320 | 0.36 | 0.008 | 0.2 | 0.1 | 0.6 | 2.4 | 13.6 | 21.5 | 13.1 | 12.3 | 5.5 | 7.4 | 4.4 | 3.5 | 4.2 | 2.4 | 1.1 | 0.8 | 1.1 | 0.6 | 0.6 | 0.4 | 0.3 | 0.4 |
| 30 1620 | 0.18 | 0.002 | 0.5 | 0.3 | 0.9 | 3.2 | 5.4 | 21.0 | 13.0 | 12.6 | 9.2 | 5.5 | 2.4 | 3.3 | 2.4 | 1.1 | 1.5 | 1.4 | 0.9 | 1.0 | 0.8 | 1.2 | 0.7 | 1.1 |
| 30 1920 | 0.21 | 0.003 | 0.6 | 0.6 | 2.0 | 3.2 | 4.7 | 17.5 | 14.7 | 12.7 | 11.4 | 5.3 | 3.6 | 1.3 | 3.0 | 1.3 | 2.1 | 1.5 | 1.3 | 1.6 | 0.6 | 1.3 | 0.8 | 0.9 |
| 30 2220 | 0.32 | 0.006 | 0.2 | 0.4 | 1.0 | 1.5 | 15.1 | 11.7 | 16.4 | 15.0 | 9.8 | 2.9 | 4.3 | 2.2 | 1.6 | 1.8 | 1.6 | 1.3 | 1.6 | 1.0 | 0.7 | 0.9 | 1.3 | 1.0 |

KODIAK, ALASKA GAGE C12: INNER BUOY
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 120 | 0.29 | 0.005 | 0.2 | 0.5 | 1.0 | 1.0 | 3.1 | 10.9 | 24.7 | 10.9 | 8.8 | 6.5 | 4.2 | 3.9 | 2.5 | 2.3 | 2.6 | 1.4 | 2.4 | 1.8 | 1.1 | 1.9 | 0.9 | 0.9 |
| 1 420 | 0.19 | 0.002 | 0.6 | 0.4 | 1.0 | 1.4 | 6.2 | 14.2 | 8.8 | 11.1 | 13.2 | 8.4 | 7.2 | 4.6 | 2.4 | 1.4 | 3.2 | 1.8 | 2.8 | 1.3 | 1.1 | 0.8 | 0.6 | 0.6 |
| 1 720 | 0.17 | 0.002 | 0.9 | 1.1 | 2.9 | 4.2 | 4.1 | 9.9 | 17.5 | 9.3 | 7.4 | 3.6 | 3.4 | 3.4 | 4.3 | 5.3 | 1.4 | 1.8 | 0.5 | 1.5 | 1.2 | 0.7 | 1.3 | 0.7 |
| 1 1020 | 0.22 | 0.003 | 0.5 | 0.8 | 1.8 | 2.5 | 16.5 | 18.9 | 14.7 | 11.1 | 6.7 | 3.6 | 2.7 | 2.3 | 2.3 | 1.7 | 1.1 | 1.6 | 0.8 | 0.8 | 0.5 | 0.7 | 0.5 | 0.9 |
| 1 1320 | 0.22 | 0.003 | 0.4 | 0.7 | 2.9 | 1.8 | 7.4 | 8.0 | 13.1 | 10.8 | 15.3 | 12.9 | 4.5 | 3.1 | 2.7 | 2.0 | 1.4 | 0.8 | 1.3 | 1.1 | 1.0 | 0.8 | 0.7 | 0.5 |
| 1 1620 | 0.14 | 0.001 | 1.4 | 1.4 | 2.8 | 2.1 | 8.6 | 7.7 | 17.5 | 7.6 | 6.2 | 5.6 | 4.0 | 3.1 | 2.1 | 2.0 | 1.9 | 2.2 | 1.9 | 1.5 | 1.2 | 1.5 | 1.3 | 1.3 |
| 1 1920 | 0.13 | 0.001 | 1.2 | 0.9 | 1.6 | 2.2 | 2.4 | 8.3 | 14.8 | 6.3 | 9.7 | 7.4 | 7.6 | 3.2 | 2.0 | 3.3 | 2.0 | 1.9 | 1.2 | 1.5 | 1.2 | 1.0 | 1.1 | 1.9 |
| 1 2220 | 0.21 | 0.003 | 0.8 | 0.8 | 3.8 | 1.3 | 6.0 | 16.1 | 14.5 | 7.2 | 6.8 | 4.5 | 3.6 | 2.6 | 2.8 | 1.7 | 1.8 | 3.4 | 2.1 | 1.3 | 1.5 | 0.9 | 1.6 | 1.2 |
| 2 120 | 0.26 | 0.004 | 0.2 | 0.8 | 1.0 | 0.9 | 1.8 | 6.8 | 9.9 | 10.1 | 10.3 | 3.9 | 4.5 | 3.5 | 2.5 | 2.1 | 2.3 | 2.6 | 4.0 | 3.1 | 5.0 | 1.5 | 3.3 | 1.9 |
| 2 420 | 0.21 | 0.003 | 0.6 | 1.0 | 1.3 | 0.6 | 2.0 | 4.9 | 4.0 | 3.7 | 9.7 | 6.5 | 8.1 | 2.7 | 1.7 | 2.9 | 2.9 | 4.1 | 5.0 | 8.2 | 2.4 | 2.1 | 2.1 | 2.3 |
| 2 720 | 0.16 | 0.002 | 0.8 | 2.5 | 3.9 | 1.2 | 3.4 | 6.4 | 5.3 | 5.2 | 6.0 | 7.4 | 4.7 | 6.4 | 5.7 | 6.4 | 4.2 | 2.7 | 1.3 | 1.3 | 2.3 | 1.7 | 2.0 | 1.9 |
| 2 1020 | 0.18 | 0.002 | 0.9 | 1.2 | 2.7 | 1.5 | 8.7 | 11.4 | 9.3 | 5.1 | 6.0 | 3.7 | 3.6 | 9.0 | 3.4 | 2.3 | 2.6 | 3.0 | 2.2 | 1.5 | 1.3 | 2.7 | 2.0 | 1.9 |
| 2 1320 | 0.19 | 0.002 | 0.9 | 1.5 | 3.4 | 3.0 | 8.5 | 14.0 | 13.1 | 6.3 | 4.7 | 7.3 | 6.3 | 3.3 | 4.1 | 4.0 | 1.6 | 1.8 | 1.5 | 0.9 | 1.3 | 1.0 | 0.9 | 1.6 |
| 2 2220 | 0.19 | 0.002 | 0.6 | 2.4 | 1.9 | 1.4 | 17.0 | 8.9 | 7.9 | 7.1 | 5.8 | 3.8 | 5.6 | 4.0 | 1.9 | 1.6 | 1.9 | 2.6 | 1.3 | 1.4 | 1.7 | 0.8 | 2.0 | 1.3 |
| 3 420 | 0.19 | 0.002 | 0.5 | 1.7 | 2.4 | 1.3 | 8.7 | 10.2 | 4.6 | 4.7 | 8.1 | 8.1 | 3.5 | 2.4 | 3.2 | 1.3 | 1.9 | 2.8 | 2.4 | 1.0 | 1.5 | 2.0 | 2.9 | 2.3 |
| 3 1020 | 0.19 | 0.002 | 0.8 | 4.5 | 3.5 | 1.0 | 6.0 | 10.1 | 14.1 | 10.7 | 3.3 | 3.9 | 2.6 | 3.0 | 2.0 | 1.5 | 1.8 | 2.1 | 1.6 | 1.6 | 1.6 | 1.7 | 1.4 | 2.2 |
| 3 1320 | 0.18 | 0.002 | 1.0 | 4.5 | 3.8 | 2.7 | 7.2 | 9.8 | 14.3 | 5.5 | 4.2 | 3.5 | 3.6 | 2.9 | 2.4 | 1.4 | 1.4 | 1.3 | 1.8 | 2.6 | 1.7 | 1.3 | 1.3 | 2.5 |
| 3 2220 | 0.14 | 0.001 | 1.3 | 3.8 | 8.0 | 2.1 | 8.7 | 8.4 | 6.3 | 3.5 | 5.4 | 2.6 | 2.2 | 1.8 | 2.1 | 1.9 | 1.4 | 1.5 | 2.1 | 2.6 | 2.8 | 1.7 | 2.5 | 1.8 |
| 4 420 | 0.13 | 0.001 | 1.3 | 6.5 | 3.6 | 3.0 | 4.1 | 4.2 | 3.3 | 7.2 | 8.6 | 3.4 | 5.6 | 2.7 | 2.7 | 2.3 | 1.1 | 1.7 | 2.7 | 1.7 | 2.3 | 1.3 | 1.7 | 3.3 |
| 4 720 | 0.13 | 0.001 | 1.3 | 12.4 | 5.2 | 1.4 | 5.2 | 5.1 | 3.0 | 2.6 | 6.8 | 2.4 | 2.9 | 2.8 | 4.5 | 4.3 | 3.4 | 5.2 | 1.9 | 2.4 | 3.2 | 1.1 | 1.7 | 1.9 |
| 4 1020 | 0.15 | 0.001 | 1.5 | 6.8 | 4.5 | 2.6 | 2.7 | 6.3 | 6.0 | 4.9 | 4.3 | 2.3 | 2.6 | 2.1 | 1.9 | 2.1 | 2.6 | 2.1 | 2.9 | 1.0 | 1.1 | 0.6 | 0.9 | 1.0 |
| 4 1320 | 0.15 | 0.001 | 1.3 | 6.9 | 8.0 | 2.6 | 4.1 | 9.7 | 8.2 | 4.4 | 4.7 | 3.4 | 1.7 | 1.0 | 1.6 | 2.6 | 1.9 | 2.0 | 1.6 | 2.7 | 1.5 | 1.8 | 2.1 | 2.2 |
| 4 2220 | 0.13 | 0.001 | 1.3 | 5.2 | 5.1 | 3.1 | 6.9 | 4.9 | 8.9 | 8.2 | 5.0 | 3.1 | 2.3 | 2.9 | 2.2 | 1.5 | 2.0 | 2.1 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.2 |
| 5 120 | 0.17 | 0.002 | 1.6 | 5.2 | 9.6 | 2.7 | 2.6 | 6.7 | 4.9 | 6.8 | 4.6 | 5.5 | 4.4 | 2.0 | 1.1 | 1.4 | 2.6 | 2.3 | 1.6 | 2.0 | 3.8 | 4.3 | 1.7 | 2.2 |
| 5 420 | 0.15 | 0.001 | 0.7 | 3.3 | 4.4 | 2.4 | 5.4 | 4.6 | 6.7 | 6.4 | 6.1 | 3.5 | 4.4 | 4.8 | 1.9 | 1.3 | 2.3 | 1.9 | 1.2 | 3.6 | 3.5 | 1.8 | 3.5 | 1.3 |
| 5 720 | 0.14 | 0.001 | 0.9 | 1.7 | 4.2 | 2.5 | 5.0 | 5.7 | 4.5 | 11.0 | 2.9 | 6.3 | 4.5 | 3.2 | 2.0 | 3.6 | 2.3 | 1.6 | 2.7 | 2.1 | 1.0 | 1.6 | 3.1 | 2.2 |
| 5 1020 | 0.14 | 0.001 | 0.6 | 5.9 | 4.1 | 3.4 | 4.0 | 10.3 | 5.1 | 3.9 | 4.0 | 6.6 | 5.2 | 1.9 | 3.1 | 1.5 | 2.2 | 1.5 | 2.0 | 0.9 | 2.7 | 2.6 | 2.0 | 1.2 |
| 5 1320 | 0.15 | 0.001 | 0.8 | 6.3 | 6.1 | 8.6 | 4.3 | 11.7 | 6.8 | 6.7 | 8.5 | 5.5 | 3.3 | 4.5 | 3.0 | 1.2 | 0.8 | 1.0 | 0.9 | 0.8 | 1.3 | 1.3 | 1.0 | 2.0 |
| 6 120 | 0.18 | 0.002 | 0.8 | 1.6 | 3.3 | 2.3 | 2.2 | 2.7 | 3.0 | 1.7 | 1.9 | 1.3 | 3.5 | 0.9 | 1.9 | 2.5 | 1.3 | 0.9 | 2.8 | 2.8 | 3.0 | 4.6 | 4.1 | 10.8 |
| 6 420 | 0.18 | 0.002 | 0.9 | 2.5 | 5.7 | 2.5 | 3.1 | 2.2 | 1.3 | 1.7 | 1.5 | 2.1 | 1.9 | 1.9 | 1.0 | 1.2 | 1.0 | 4.0 | 3.6 | 5.2 | 9.0 | 11.6 | 7.3 | 7.2 |
| 6 720 | 0.14 | 0.001 | 1.5 | 2.6 | 4.8 | 1.7 | 3.2 | 1.3 | 1.6 | 2.3 | 1.8 | 2.1 | 4.1 | 2.4 | 3.2 | 3.7 | 3.9 | 5.7 | 4.0 | 5.6 | 9.3 | 5.1 | 4.1 | 2.9 |
| 6 1320 | 0.13 | 0.001 | 1.2 | 7.4 | 7.6 | 2.7 | 9.3 | 5.1 | 2.5 | 4.9 | 2.9 | 3.9 | 3.1 | 2.7 | 2.3 | 2.1 | 4.0 | 3.3 | 3.3 | 2.2 | 2.4 | 3.0 | 2.4 | 2.6 |
| 7 120 | 0.16 | 0.002 | 1.3 | 7.8 | 6.0 | 2.2 | 1.1 | 1.6 | 1.0 | 1.7 | 1.3 | 0.8 | 1.0 | 1.3 | 0.9 | 1.2 | 1.6 | 1.8 | 2.2 | 2.0 | 3.6 | 6.2 | 6.7 | 6.3 |
| 7 420 | 0.14 | 0.001 | 1.4 | 8.4 | 3.6 | 1.8 | 4.6 | 2.8 | 1.3 | 1.3 | 2.6 | 1.9 | 2.3 | 5.8 | 3.4 | 3.9 | 3.3 | 5.7 | 4.6 | 4.3 | 2.8 | 2.6 | 3.4 | 3.4 |
| 7 1020 | 0.14 | 0.001 | 1.5 | 2.4 | 8.7 | 1.6 | 1.8 | 2.0 | 0.8 | 1.9 | 2.5 | 2.4 | 4.0 | 9.7 | 15.1 | 14.1 | 3.4 | 2.7 | 1.4 | 1.1 | 2.8 | 0.8 | 1.8 | 2.1 |
| 7 1320 | 0.16 | 0.002 | 1.5 | 5.5 | 5.5 | 0.8 | 2.5 | 1.7 | 1.3 | 2.5 | 3.8 | 6.7 | 19.1 | 10.8 | 9.5 | 4.1 | 4.7 | 1.8 | 1.1 | 1.1 | 1.7 | 1.2 | 0.5 | 0.7 |
| 7 1620 | 0.20 | 0.003 | 0.6 | 1.2 | 2.1 | 0.7 | 1.3 | 1.2 | 2.1 | 5.5 | 19.8 | 24.0 | 16.6 | 8.7 | 1.5 | 1.8 | 0.9 | 0.6 | 0.8 | 0.8 | 0.5 | 0.7 | 0.7 | 0.6 |
| 7 1920 | 0.22 | 0.003 | 0.7 | 1.7 | 2.2 | 0.3 | 1.3 | 12.3 | 21.5 | 23.3 | 9.4 | 2.7 | 2.0 | 1.7 | 0.8 | 1.1 | 1.0 | 1.1 | 1.0 | 0.7 | 0.6 | 0.6 | 0.8 | 1.4 |
| 7 2220 | 0.23 | 0.003 | 0.9 | 0.7 | 0.9 | 0.9 | 2.6 | 11.3 | 13.6 | 12.8 | 4.0 | 2.7 | 1.9 | 2.0 | 3.1 | 1.7 | 2.7 | 4.4 | 9.0 | 2.0 | 1.0 | 1.1 | 1.1 | 1.3 |
| 8 420 | 0.35 | 0.008 | 0.4 | 2.0 | 8.1 | 2.1 | 18.7 | 24.0 | 10.4 | 7.8 | 6.3 | 3.6 | 3.1 | 1.5 | 2.0 | 1.6 | 0.8 | 0.6 | 0.7 | 0.5 | 0.4 | 0.7 | 0.3 | 0.5 |
| 8 720 | 0.54 | 0.018 | 0.2 | 3.3 | 34.9 | 6.3 | 13.9 | 8.0 | 5.9 | 5.1 | 6.7 | 2.3 | 3.2 | 1.5 | 2.0 | 0.7 | 0.6 | 0.6 | 0.9 | 0.5 | 0.4 | 0.4 | 0.2 | 0.3 |
| 8 1020 | 0.62 | 0.024 | 0.1 | 0.6 | 30.7 | 23.5 | 5.6 | 4.1 | 5.0 | 6.5 | 3.3 | 3.4 | 3.1 | 2.9 | 1.1 | 1.8 | 1.4 | 0.7 | 0.4 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | BAND CENTER FREQUENCY 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 1320 | 0.69 | 0.030 | 0.1 | 0.5 | 22.0 | 25.5 | 11.5 | 6.4 | 6.0 | 5.6 | 3.9 | 2.6 | 2.3 | 1.3 | 2.0 | 0.9 | 1.3 | 1.3 | 1.1 | 0.4 | 0.7 | 0.5 | 0.4 | 0.6 |
| 8 1620 | 0.72 | 0.032 | 0.1 | 0.6 | 17.7 | 29.5 | 4.6 | 10.4 | 6.7 | 5.1 | 2.6 | 2.6 | 3.0 | 1.0 | 1.5 | 1.5 | 0.9 | 1.0 | 0.9 | 0.6 | 0.5 | 0.8 | 0.9 | 1.2 |
| 8 1920 | 0.58 | 0.021 | 0.1 | 0.4 | 24.0 | 26.6 | 8.3 | 3.0 | 6.9 | 5.2 | 3.1 | 1.7 | 1.6 | 2.1 | 1.8 | 2.2 | 1.2 | 1.8 | 0.7 | 0.7 | 0.4 | 0.4 | 0.6 | 0.5 |
| 9 120 | 0.54 | 0.018 | 0.1 | 0.3 | 14.7 | 29.8 | 11.1 | 10.6 | 3.4 | 4.5 | 5.2 | 3.5 | 1.3 | 4.3 | 1.9 | 1.5 | 1.3 | 0.9 | 0.9 | 0.7 | 0.5 | 0.9 | 0.3 | 0.4 |
| 9 420 | 0.55 | 0.019 | 0.2 | 0.3 | 24.1 | 19.7 | 5.8 | 4.6 | 5.5 | 9.1 | 3.3 | 3.2 | 5.4 | 5.0 | 2.9 | 1.3 | 1.4 | 1.2 | 1.0 | 0.9 | 0.7 | 1.2 | 0.7 | 0.5 |
| 9 720 | 0.59 | 0.022 | 0.1 | 0.2 | 25.2 | 19.2 | 8.0 | 2.0 | 10.7 | 7.4 | 2.0 | 2.3 | 4.1 | 5.3 | 1.5 | 1.6 | 1.7 | 2.3 | 1.0 | 1.5 | 0.5 | 0.7 | 0.6 | 0.5 |
| 9 1020 | 0.54 | 0.018 | 0.1 | 0.2 | 20.9 | 27.5 | 10.0 | 4.5 | 2.9 | 4.0 | 5.3 | 2.0 | 3.6 | 4.0 | 2.5 | 1.6 | 1.6 | 0.6 | 1.7 | 1.2 | 0.6 | 0.5 | 1.1 | 0.7 |
| 9 1320 | 0.53 | 0.017 | 0.1 | 0.2 | 12.8 | 21.1 | 25.7 | 6.4 | 5.6 | 6.5 | 5.3 | 1.8 | 2.2 | 1.9 | 2.0 | 1.1 | 1.1 | 1.3 | 0.8 | 0.5 | 0.3 | 0.5 | 0.4 | 0.6 |
| 9 1620 | 0.64 | 0.025 | 0.1 | 0.2 | 22.8 | 19.7 | 11.8 | 9.4 | 5.5 | 6.3 | 9.4 | 1.4 | 1.5 | 1.7 | 1.9 | 1.1 | 1.1 | 0.8 | 1.0 | 1.2 | 0.4 | 0.4 | 0.2 | 0.2 |
| 9 1920 | 0.74 | 0.034 | 0.1 | 0.1 | 3.6 | 37.9 | 15.1 | 12.3 | 3.6 | 7.3 | 6.4 | 1.7 | 1.7 | 1.5 | 1.1 | 1.4 | 1.2 | 0.9 | 1.0 | 0.5 | 0.6 | 0.3 | 0.2 | 0.2 |
| 9 2220 | 0.46 | 0.013 | 0.2 | 0.4 | 3.4 | 21.5 | 17.4 | 8.8 | 3.3 | 7.9 | 7.4 | 4.9 | 1.9 | 3.5 | 2.6 | 2.4 | 1.9 | 2.1 | 1.7 | 1.1 | 1.5 | 1.1 | 1.2 | 0.4 |
| 10 120 | 0.48 | 0.015 | 0.1 | 0.2 | 1.4 | 30.3 | 20.6 | 9.4 | 3.3 | 5.1 | 8.9 | 3.1 | 1.7 | 1.6 | 1.0 | 1.4 | 1.1 | 1.3 | 1.5 | 1.3 | 0.5 | 0.7 | 1.2 | 0.6 |
| 10 420 | 0.50 | 0.015 | 0.1 | 0.2 | 2.0 | 18.9 | 19.1 | 12.6 | 7.3 | 6.2 | 6.3 | 3.2 | 2.8 | 1.9 | 2.0 | 3.1 | 1.6 | 2.6 | 1.4 | 1.9 | 1.0 | 0.8 | 0.7 | 0.5 |
| 10 720 | 0.50 | 0.015 | 0.1 | 0.3 | 1.0 | 26.6 | 23.7 | 6.4 | 5.6 | 3.4 | 6.4 | 3.3 | 2.6 | 3.0 | 2.5 | 1.6 | 2.8 | 1.5 | 2.4 | 1.1 | 1.1 | 0.8 | 0.4 | 0.9 |
| 10 1020 | 0.39 | 0.009 | 0.1 | 0.5 | 1.3 | 27.1 | 13.5 | 6.7 | 5.7 | 3.8 | 12.4 | 4.7 | 3.0 | 2.5 | 1.4 | 2.6 | 1.9 | 2.3 | 1.7 | 1.5 | 1.0 | 0.8 | 0.5 | 1.0 |
| 10 1320 | 0.34 | 0.007 | 0.2 | 0.3 | 2.7 | 15.8 | 17.1 | 14.2 | 8.9 | 3.6 | 4.8 | 6.4 | 3.1 | 3.1 | 2.3 | 2.3 | 2.5 | 1.2 | 1.7 | 0.8 | 1.3 | 0.9 | 0.9 | 0.8 |
| 10 1620 | 0.39 | 0.009 | 0.1 | 0.2 | 0.7 | 21.5 | 27.2 | 16.9 | 9.5 | 1.8 | 3.5 | 4.2 | 3.1 | 0.9 | 0.7 | 1.1 | 1.6 | 1.2 | 1.1 | 0.7 | 0.6 | 0.4 | 0.5 | 0.2 |
| 10 2220 | 0.34 | 0.007 | 0.1 | 0.5 | 1.0 | 13.6 | 21.6 | 15.3 | 10.4 | 5.5 | 3.8 | 2.6 | 1.8 | 1.8 | 1.6 | 1.0 | 1.0 | 1.7 | 1.9 | 0.8 | 1.7 | 1.4 | 0.8 | 0.7 |
| 11 420 | 0.29 | 0.005 | 0.3 | 0.8 | 1.1 | 4.0 | 33.3 | 16.0 | 10.2 | 4.8 | 1.5 | 1.4 | 2.2 | 1.5 | 0.7 | 0.6 | 0.7 | 1.2 | 2.2 | 2.8 | 1.5 | 1.5 | 1.1 | 1.8 |
| 11 720 | 0.32 | 0.006 | 0.3 | 1.0 | 0.9 | 2.9 | 25.5 | 28.3 | 5.8 | 3.9 | 2.1 | 1.4 | 1.2 | 1.2 | 0.9 | 1.1 | 0.8 | 1.0 | 1.1 | 1.6 | 2.2 | 1.8 | 1.7 | 1.8 |
| 11 1020 | 0.31 | 0.006 | 0.3 | 0.6 | 1.0 | 7.0 | 31.4 | 22.5 | 4.3 | 5.1 | 2.3 | 3.1 | 1.7 | 1.2 | 0.4 | 1.3 | 1.0 | 0.6 | 0.9 | 0.8 | 1.0 | 0.9 | 1.0 | 1.9 |
| 11 1320 | 0.22 | 0.003 | 0.5 | 1.4 | 1.4 | 5.7 | 22.2 | 19.4 | 7.7 | 4.3 | 1.9 | 3.3 | 2.6 | 1.5 | 2.4 | 0.9 | 1.1 | 2.0 | 1.0 | 0.8 | 1.2 | 1.5 | 1.5 | 1.9 |
| 11 1620 | 0.20 | 0.003 | 0.4 | 1.5 | 2.1 | 3.6 | 33.0 | 14.7 | 11.8 | 2.4 | 1.9 | 1.4 | 1.8 | 1.6 | 1.9 | 1.6 | 1.2 | 2.1 | 1.2 | 1.1 | 1.3 | 0.6 | 0.7 | 0.8 |
| 11 1920 | 0.24 | 0.003 | 0.3 | 2.0 | 1.7 | 2.1 | 11.6 | 36.9 | 10.3 | 6.7 | 3.1 | 2.0 | 2.3 | 1.6 | 1.0 | 0.7 | 0.8 | 0.7 | 0.8 | 1.0 | 0.9 | 1.0 | 1.7 | 0.8 |
| 11 2220 | 0.24 | 0.003 | 0.6 | 1.6 | 1.6 | 1.5 | 17.1 | 26.1 | 3.7 | 2.8 | 5.1 | 1.8 | 2.2 | 2.1 | 1.0 | 1.3 | 1.3 | 1.5 | 1.8 | 1.3 | 1.4 | 1.8 | 1.2 | 1.2 |
| 12 120 | 0.22 | 0.003 | 2.4 | 2.8 | 2.5 | 2.8 | 13.7 | 17.6 | 2.8 | 2.8 | 2.3 | 1.2 | 2.3 | 1.6 | 2.2 | 1.4 | 2.6 | 1.1 | 1.3 | 2.1 | 2.6 | 1.7 | 1.9 | 2.8 |
| 12 420 | 0.19 | 0.002 | 0.6 | 1.7 | 1.4 | 1.9 | 7.7 | 30.8 | 5.1 | 3.2 | 1.9 | 1.4 | 1.7 | 1.8 | 1.7 | 1.8 | 1.2 | 1.5 | 0.9 | 2.0 | 1.1 | 1.6 | 1.7 | 2.8 |
| 12 1020 | 0.22 | 0.003 | 0.6 | 3.7 | 2.0 | 2.1 | 5.8 | 11.6 | 4.4 | 3.1 | 2.4 | 3.0 | 1.4 | 2.2 | 1.0 | 2.2 | 3.7 | 6.3 | 4.3 | 3.0 | 2.2 | 2.6 | 2.1 | 1.9 |
| 12 1320 | 0.17 | 0.002 | 0.7 | 6.8 | 1.3 | 2.4 | 8.6 | 10.8 | 3.8 | 1.1 | 1.7 | 2.1 | 1.0 | 2.8 | 2.6 | 1.1 | 2.5 | 1.9 | 2.3 | 1.7 | 2.2 | 3.1 | 1.5 | 3.4 |
| 12 1620 | 0.14 | 0.001 | 1.7 | 9.5 | 5.3 | 4.0 | 8.3 | 12.6 | 5.4 | 2.7 | 1.4 | 1.7 | 1.3 | 1.0 | 1.7 | 1.9 | 0.7 | 1.5 | 1.6 | 2.3 | 1.7 | 1.8 | 2.1 | 1.8 |
| 12 1920 | 0.17 | 0.002 | 0.7 | 6.0 | 4.5 | 0.7 | 3.7 | 14.8 | 10.4 | 2.2 | 1.4 | 0.9 | 1.6 | 2.4 | 1.6 | 2.1 | 2.3 | 2.5 | 2.0 | 2.8 | 2.1 | 2.8 | 3.3 | 3.6 |
| 12 2220 | 0.18 | 0.002 | 1.3 | 4.3 | 4.1 | 1.7 | 6.6 | 13.8 | 6.2 | 6.1 | 2.8 | 2.1 | 1.5 | 1.1 | 1.4 | 1.9 | 1.5 | 2.0 | 3.2 | 1.6 | 2.6 | 3.2 | 2.4 | 2.5 |
| 13 120 | 0.18 | 0.002 | 0.7 | 4.1 | 2.0 | 1.0 | 4.6 | 18.5 | 4.1 | 1.1 | 1.0 | 1.4 | 1.7 | 1.1 | 2.3 | 0.8 | 1.8 | 1.6 | 2.9 | 1.7 | 2.5 | 3.7 | 2.2 | 2.6 |
| 13 420 | 0.16 | 0.002 | 0.9 | 3.5 | 3.2 | 1.5 | 2.3 | 8.6 | 4.4 | 4.8 | 1.2 | 1.8 | 1.0 | 1.6 | 2.4 | 2.2 | 2.8 | 2.6 | 5.1 | 3.6 | 3.5 | 2.2 | 4.1 | 5.3 |
| 13 720 | 0.19 | 0.002 | 0.7 | 6.1 | 2.5 | 0.8 | 4.5 | 4.9 | 5.4 | 2.9 | 2.9 | 1.6 | 1.0 | 1.5 | 2.1 | 2.7 | 4.1 | 1.4 | 1.9 | 4.3 | 2.0 | 3.8 | 4.6 | 2.3 |
| 13 1020 | 0.21 | 0.003 | 0.7 | 8.5 | 2.2 | 1.0 | 2.4 | 8.9 | 3.1 | 3.2 | 3.4 | 2.3 | 0.8 | 2.0 | 0.9 | 1.2 | 1.8 | 2.1 | 3.2 | 1.7 | 2.1 | 2.3 | 7.3 | 4.3 |
| 13 1320 | 0.17 | 0.002 | 0.8 | 4.3 | 3.5 | 1.5 | 2.5 | 12.7 | 5.8 | 2.3 | 1.0 | 1.0 | 2.2 | 1.5 | 1.8 | 2.4 | 2.1 | 1.6 | 2.1 | 1.9 | 2.0 | 2.3 | 1.7 | 2.4 |
| 13 1620 | 0.16 | 0.002 | 1.1 | 6.3 | 3.3 | 2.3 | 3.3 | 6.7 | 8.3 | 1.9 | 1.7 | 1.5 | 1.3 | 1.3 | 1.9 | 2.3 | 2.3 | 1.8 | 2.5 | 3.4 | 3.8 | 2.9 | 3.0 | 4.9 |
| 13 1920 | 0.18 | 0.002 | 1.0 | 1.8 | 3.0 | 0.7 | 5.7 | 4.2 | 15.2 | 7.5 | 1.4 | 1.0 | 0.9 | 1.3 | 0.8 | 1.5 | 1.5 | 1.9 | 2.5 | 1.8 | 1.0 | 3.2 | 1.2 | 3.0 |
| 13 2220 | 0.28 | 0.005 | 0.3 | 2.5 | 3.2 | 0.5 | 0.8 | 1.8 | 1.9 | 1.5 | 1.5 | 2.1 | 0.7 | 0.9 | 0.7 | 0.5 | 2.3 | 8.7 | 11.6 | 8.4 | 8.1 | 7.6 | 6.9 | 4.5 |
| 14 120 | 0.31 | 0.006 | 0.3 | 1.7 | 1.6 | 0.3 | 0.5 | 1.4 | 1.1 | 1.4 | 0.8 | 1.0 | 0.9 | 0.8 | 1.7 | 1.4 | 9.6 | 22.4 | 13.3 | 7.1 | 7.3 | 3.5 | 3.3 | 2.0 |
| 14 420 | 0.26 | 0.004 | 0.4 | 1.7 | 2.6 | 0.7 | 1.0 | 1.2 | 2.1 | 1.0 | 0.3 | 0.4 | 0.3 | 0.3 | 1.0 | 1.5 | 4.1 | 11.2 | 10.3 | 9.6 | 11.6 | 8.5 | 7.4 | 2.3 |
| 14 720 | 0.25 | 0.004 | 0.4 | 2.9 | 2.7 | 2.1 | 1.8 | 1.0 | 0.7 | 2.8 | 1.0 | 0.3 | 0.6 | 0.8 | 0.7 | 0.8 | 0.9 | 1.6 | 4.4 | 4.4 | 11.0 | 10.8 | 8.1 | 6.9 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.0214E HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 1020 | 0.29 | 0.005 | 0.5 | 5.6 | 2.3 | 1.1 | 1.8 | 1.5 | 1.5 | 3.3 | 3.0 | 1.7 | 0.6 | 0.4 | 0.8 | 0.7 | 0.7 | 1.2 | 3.2 | 8.6 | 18.2 | 7.8 | 5.6 | 5.5 |
| 14 1320 | 0.23 | 0.003 | 0.4 | 5.9 | 1.9 | 2.5 | 2.6 | 0.8 | 2.0 | 1.7 | 1.1 | 1.6 | 1.6 | 1.1 | 2.2 | 2.4 | 2.7 | 2.9 | 6.2 | 11.4 | 9.3 | 4.7 | 3.3 | 3.1 |
| 14 1620 | 0.24 | 0.004 | 0.4 | 0.7 | 2.0 | 0.9 | 2.1 | 0.6 | 0.4 | 0.6 | 0.6 | 0.6 | 1.0 | 1.4 | 1.0 | 3.2 | 4.4 | 11.9 | 11.3 | 10.5 | 8.9 | 7.3 | 3.3 | 5.4 |
| 14 1920 | 0.28 | 0.005 | 0.3 | 0.7 | 3.5 | 0.5 | 3.6 | 1.0 | 1.0 | 1.1 | 0.6 | 1.7 | 3.2 | 2.8 | 2.0 | 3.9 | 8.6 | 13.7 | 7.9 | 5.8 | 4.9 | 7.0 | 3.6 | 4.6 |
| 14 2220 | 0.40 | 0.010 | 0.3 | 1.8 | 2.7 | 0.5 | 3.2 | 2.9 | 0.7 | 3.7 | 9.4 | 4.8 | 3.0 | 2.6 | 3.1 | 5.2 | 12.2 | 4.8 | 6.2 | 7.0 | 2.3 | 5.4 | 2.6 | 3.0 |
| 15 120 | 0.45 | 0.013 | 0.3 | 0.7 | 1.0 | 0.3 | 2.2 | 1.1 | 0.6 | 5.3 | 5.1 | 4.8 | 6.9 | 5.8 | 7.5 | 10.2 | 8.0 | 4.2 | 6.3 | 5.6 | 6.0 | 2.2 | 6.0 | 2.4 |
| 15 420 | 0.37 | 0.008 | 0.3 | 0.4 | 1.9 | 0.3 | 1.8 | 1.5 | 1.4 | 11.5 | 9.1 | 5.9 | 9.3 | 5.3 | 5.9 | 6.0 | 5.8 | 7.4 | 5.1 | 1.7 | 3.5 | 2.0 | 1.8 | 1.6 |
| 15 720 | 0.50 | 0.016 | 0.1 | 0.3 | 0.6 | 0.1 | 0.7 | 1.2 | 7.5 | 8.0 | 7.2 | 13.1 | 9.3 | 8.5 | 3.3 | 5.8 | 5.0 | 4.1 | 5.7 | 2.4 | 4.0 | 2.3 | 2.4 | 1.1 |
| 15 1020 | 0.59 | 0.022 | 0.2 | 0.6 | 0.8 | 0.1 | 2.8 | 4.3 | 6.3 | 7.4 | 6.1 | 7.4 | 14.1 | 8.5 | 4.7 | 7.3 | 3.0 | 4.8 | 2.0 | 4.0 | 3.7 | 2.4 | 2.8 | 1.5 |
| 15 1320 | 0.61 | 0.023 | 0.1 | 0.3 | 0.8 | 0.4 | 12.0 | 13.0 | 17.7 | 12.2 | 7.1 | 3.9 | 4.7 | 3.2 | 4.3 | 3.3 | 4.9 | 2.1 | 1.1 | 1.8 | 1.7 | 1.0 | 0.9 | 1.0 |
| 15 1620 | 0.38 | 0.009 | 0.2 | 0.5 | 0.9 | 0.8 | 8.7 | 13.1 | 19.3 | 11.3 | 5.9 | 6.6 | 3.5 | 3.2 | 5.6 | 3.9 | 2.1 | 2.0 | 1.4 | 2.4 | 0.9 | 1.1 | 0.7 | 0.8 |
| 15 1920 | 0.52 | 0.017 | 0.2 | 0.3 | 0.6 | 0.3 | 13.4 | 21.1 | 16.9 | 7.7 | 4.3 | 3.2 | 4.3 | 2.8 | 3.3 | 3.4 | 2.1 | 2.5 | 2.0 | 1.4 | 1.1 | 1.2 | 1.6 | 1.1 |
| 15 2220 | 0.74 | 0.034 | 0.2 | 0.1 | 0.2 | 0.6 | 10.6 | 22.9 | 10.4 | 12.4 | 5.1 | 5.4 | 3.9 | 5.0 | 4.0 | 3.5 | 1.7 | 3.0 | 2.0 | 1.6 | 1.6 | 1.2 | 0.9 | 0.9 |
| 16 120 | 0.85 | 0.045 | 0.1 | 0.1 | 0.3 | 0.5 | 25.2 | 23.7 | 8.7 | 7.4 | 5.2 | 4.5 | 2.9 | 4.8 | 2.1 | 1.1 | 1.6 | 1.5 | 1.7 | 0.7 | 1.1 | 1.2 | 0.9 | 0.8 |
| 16 420 | 0.76 | 0.036 | 0.1 | 0.2 | 0.3 | 1.9 | 33.1 | 13.4 | 9.5 | 5.0 | 4.3 | 4.3 | 4.2 | 3.8 | 1.6 | 3.5 | 1.7 | 2.7 | 2.4 | 1.3 | 1.2 | 1.1 | 0.7 | 1.0 |
| 16 720 | 0.62 | 0.024 | 0.1 | 0.2 | 0.6 | 2.5 | 34.1 | 8.9 | 6.2 | 4.2 | 2.2 | 5.3 | 6.4 | 3.3 | 3.4 | 2.7 | 2.3 | 2.8 | 3.0 | 3.2 | 1.6 | 1.7 | 1.2 | 1.2 |
| 16 1020 | 0.75 | 0.035 | 0.1 | 0.1 | 1.0 | 1.4 | 29.6 | 21.4 | 10.2 | 3.6 | 5.7 | 1.1 | 3.6 | 3.3 | 2.6 | 2.0 | 2.1 | 1.1 | 2.2 | 3.1 | 1.0 | 0.8 | 0.6 | 0.7 |
| 16 1320 | 0.65 | 0.026 | 0.1 | 0.1 | 0.8 | 0.5 | 17.5 | 17.3 | 5.3 | 10.6 | 3.5 | 4.3 | 6.7 | 5.8 | 4.1 | 3.4 | 4.9 | 3.2 | 1.8 | 1.3 | 1.0 | 1.5 | 1.5 | 1.2 |
| 16 1620 | 0.48 | 0.015 | 0.1 | 0.1 | 1.7 | 0.7 | 13.2 | 17.6 | 9.7 | 5.6 | 5.8 | 6.7 | 4.6 | 3.0 | 4.1 | 3.4 | 2.5 | 2.3 | 3.1 | 1.9 | 3.6 | 2.0 | 1.8 | 1.5 |
| 16 1920 | 0.50 | 0.015 | 0.1 | 0.1 | 0.7 | 0.6 | 27.7 | 12.2 | 14.5 | 5.7 | 2.1 | 3.0 | 1.6 | 3.9 | 1.5 | 2.9 | 3.1 | 2.8 | 3.5 | 1.2 | 1.8 | 1.8 | 0.9 | 1.0 |
| 17 120 | 0.92 | 0.053 | 0.1 | 0.0 | 0.4 | 0.8 | 26.7 | 22.4 | 10.8 | 11.7 | 2.5 | 3.5 | 3.1 | 2.9 | 1.6 | 2.6 | 1.5 | 1.5 | 1.4 | 1.1 | 0.8 | 0.5 | 0.4 | 0.5 |
| 17 420 | 0.78 | 0.038 | 0.1 | 0.1 | 0.6 | 5.1 | 12.0 | 14.2 | 7.6 | 9.0 | 3.9 | 6.6 | 7.9 | 5.0 | 5.1 | 4.8 | 3.4 | 3.7 | 2.0 | 2.2 | 1.4 | 0.7 | 0.7 | 0.5 |
| 17 1020 | 1.06 | 0.070 | 0.1 | 0.1 | 0.4 | 9.8 | 24.2 | 10.3 | 8.3 | 3.9 | 4.9 | 11.7 | 5.0 | 3.5 | 2.5 | 2.0 | 3.9 | 1.6 | 1.1 | 1.3 | 0.8 | 0.7 | 0.5 | 0.6 |
| 17 1320 | 1.08 | 0.073 | 0.2 | 0.1 | 0.8 | 9.7 | 13.2 | 13.4 | 6.9 | 7.7 | 13.5 | 11.0 | 2.5 | 2.7 | 3.5 | 2.8 | 3.0 | 1.5 | 1.2 | 1.3 | 0.9 | 0.6 | 0.8 | 0.5 |
| 17 1620 | 0.88 | 0.048 | 0.1 | 0.1 | 0.5 | 14.7 | 15.5 | 12.7 | 6.6 | 9.6 | 8.0 | 6.1 | 3.4 | 3.7 | 3.1 | 4.4 | 2.0 | 1.5 | 1.0 | 1.0 | 0.8 | 0.8 | 0.6 | 0.3 |
| 17 2220 | 0.82 | 0.042 | 0.1 | 0.1 | 0.6 | 19.7 | 13.0 | 11.0 | 5.7 | 3.0 | 5.7 | 8.6 | 4.1 | 6.7 | 2.6 | 3.2 | 1.9 | 2.0 | 2.1 | 0.9 | 1.6 | 1.4 | 1.0 | 1.0 |
| 18 120 | 0.98 | 0.060 | 0.2 | 0.1 | 0.4 | 12.4 | 24.7 | 13.4 | 5.6 | 3.0 | 6.8 | 8.4 | 4.3 | 2.0 | 2.9 | 2.6 | 2.0 | 2.1 | 1.5 | 0.9 | 0.4 | 0.7 | 1.0 | 0.7 |
| 18 720 | 0.62 | 0.024 | 0.1 | 0.4 | 0.3 | 11.4 | 21.0 | 10.2 | 6.6 | 5.3 | 7.5 | 4.7 | 7.3 | 4.0 | 3.8 | 4.0 | 2.2 | 2.4 | 1.0 | 2.0 | 1.0 | 0.7 | 0.5 | 0.8 |
| 18 1020 | 0.80 | 0.040 | 0.1 | 0.3 | 0.5 | 17.1 | 13.1 | 10.4 | 4.8 | 5.9 | 11.7 | 9.5 | 6.6 | 2.4 | 2.5 | 2.8 | 1.7 | 2.0 | 1.6 | 1.1 | 1.0 | 1.2 | 0.5 | 0.5 |
| 18 1320 | 0.74 | 0.035 | 0.1 | 0.3 | 0.5 | 6.6 | 33.6 | 16.0 | 6.8 | 3.1 | 5.6 | 4.6 | 1.7 | 2.3 | 3.2 | 2.4 | 2.2 | 2.3 | 1.0 | 0.9 | 1.2 | 0.7 | 0.6 | 0.7 |
| 18 1620 | 0.62 | 0.024 | 0.1 | 0.3 | 0.5 | 3.5 | 10.9 | 20.2 | 10.0 | 7.2 | 9.4 | 6.6 | 5.3 | 4.5 | 4.1 | 3.4 | 1.8 | 1.9 | 2.1 | 1.5 | 1.8 | 0.8 | 0.6 | 0.5 |
| 18 1920 | 0.48 | 0.014 | 0.1 | 0.1 | 0.4 | 6.1 | 18.3 | 20.2 | 6.5 | 2.1 | 4.5 | 7.5 | 7.8 | 4.8 | 2.0 | 2.1 | 4.0 | 2.5 | 1.2 | 0.8 | 1.0 | 1.2 | 1.0 | 0.5 |
| 18 2220 | 0.49 | 0.015 | 0.1 | 0.1 | 0.3 | 4.8 | 28.0 | 14.8 | 11.8 | 6.2 | 3.5 | 4.3 | 2.8 | 3.5 | 3.4 | 1.7 | 2.2 | 2.0 | 0.7 | 0.6 | 1.4 | 1.2 | 0.8 | 0.8 |
| 19 120 | 0.52 | 0.017 | 0.1 | 0.1 | 0.6 | 4.6 | 42.3 | 12.6 | 6.6 | 2.8 | 2.3 | 5.4 | 4.6 | 2.3 | 1.6 | 1.0 | 2.3 | 1.6 | 1.4 | 0.9 | 1.1 | 0.4 | 1.4 | 0.9 |
| 19 420 | 0.59 | 0.022 | 0.1 | 0.1 | 0.9 | 5.8 | 27.4 | 19.0 | 11.5 | 5.3 | 2.6 | 5.4 | 5.2 | 2.0 | 2.2 | 1.6 | 1.9 | 1.2 | 1.2 | 1.3 | 0.7 | 1.0 | 0.4 | 0.4 |
| 19 720 | 0.49 | 0.015 | 0.1 | 0.1 | 0.6 | 5.1 | 25.6 | 15.5 | 10.8 | 7.2 | 4.5 | 7.4 | 4.8 | 3.1 | 2.1 | 2.0 | 1.2 | 1.6 | 1.0 | 1.2 | 1.3 | 0.8 | 0.6 | 0.3 |
| 19 1020 | 0.52 | 0.017 | 0.1 | 0.1 | 0.4 | 5.2 | 21.5 | 16.8 | 10.0 | 10.4 | 3.3 | 5.4 | 6.7 | 2.9 | 2.9 | 1.2 | 2.9 | 2.0 | 1.2 | 1.6 | 0.9 | 0.7 | 0.8 | 0.5 |
| 19 1320 | 0.67 | 0.028 | 0.1 | 0.2 | 0.6 | 3.4 | 29.1 | 20.6 | 7.7 | 8.8 | 5.5 | 4.0 | 6.1 | 3.3 | 1.8 | 1.0 | 1.6 | 1.3 | 0.6 | 0.7 | 0.4 | 0.4 | 0.5 | 0.3 |
| 19 1620 | 0.52 | 0.017 | 0.0 | 0.4 | 0.6 | 5.2 | 23.5 | 22.1 | 12.6 | 6.2 | 5.3 | 3.8 | 4.9 | 2.6 | 1.4 | 2.4 | 2.1 | 1.0 | 1.0 | 0.8 | 0.8 | 0.6 | 0.5 | 0.2 |
| 19 1920 | 0.34 | 0.007 | 0.2 | 0.4 | 1.0 | 11.7 | 26.4 | 13.0 | 10.7 | 8.4 | 1.5 | 2.6 | 3.3 | 1.7 | 2.9 | 3.6 | 1.3 | 1.5 | 1.0 | 0.8 | 0.9 | 0.6 | 0.7 | 0.6 |
| 19 2220 | 0.37 | 0.009 | 0.2 | 0.3 | 0.5 | 4.1 | 39.7 | 9.1 | 5.1 | 12.3 | 2.8 | 4.0 | 4.3 | 2.0 | 1.0 | 1.7 | 2.0 | 1.8 | 1.2 | 1.1 | 1.0 | 0.6 | 0.7 | 1.1 |
| 20 120 | 0.47 | 0.014 | 0.1 | 0.5 | 0.4 | 2.4 | 31.7 | 15.3 | 7.9 | 8.4 | 8.1 | 4.7 | 3.1 | 3.6 | 1.7 | 1.1 | 0.7 | 1.3 | 1.9 | 1.2 | 1.2 | 0.7 | 0.9 | 0.7 |
| 20 420 | 0.46 | 0.013 | 0.1 | 0.8 | 0.5 | 3.4 | 27.3 | 15.9 | 11.3 | 3.8 | 7.7 | 3.6 | 5.1 | 2.0 | 1.8 | 1.8 | 1.1 | 2.1 | 1.6 | 0.8 | 1.1 | 0.8 | 1.6 | 0.5 |

KODIAK, ALASKA GAGE C12: INNER BUOY
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 1320 | 0.41 | 0.010 | 0.2 | 1.4 | 1.2 | 1.4 | 22.1 | 24.8 | 13.5 | 5.3 | 6.1 | 3.5 | 2.9 | 2.6 | 1.1 | 1.1 | 1.0 | 0.7 | 0.9 | 0.8 | 0.8 | 0.9 | 0.6 | 0.8 |
| 20 1620 | 0.38 | 0.009 | 0.2 | 0.5 | 1.3 | 1.3 | 25.6 | 25.8 | 6.9 | 7.0 | 4.4 | 3.8 | 3.8 | 1.9 | 1.3 | 1.3 | 0.8 | 1.2 | 0.7 | 0.9 | 1.0 | 1.0 | 0.9 | 1.1 |
| 20 1920 | 0.27 | 0.005 | 0.3 | 0.8 | 2.0 | 1.9 | 20.0 | 25.5 | 7.6 | 5.7 | 5.6 | 2.1 | 2.1 | 1.6 | 1.4 | 2.3 | 1.9 | 0.7 | 0.8 | 1.0 | 1.3 | 0.8 | 1.2 | 2.1 |
| 20 2220 | 0.26 | 0.004 | 0.3 | 1.5 | 1.3 | 0.8 | 24.2 | 13.1 | 13.2 | 3.3 | 2.1 | 1.6 | 3.6 | 2.4 | 1.3 | 2.4 | 1.3 | 1.3 | 1.2 | 2.3 | 1.6 | 2.0 | 1.4 | 2.0 |
| 21 120 | 0.35 | 0.007 | 1.9 | 1.3 | 1.2 | 1.0 | 6.2 | 10.7 | 6.3 | 3.3 | 4.3 | 2.6 | 2.0 | 1.2 | 1.1 | 3.2 | 3.9 | 4.6 | 7.9 | 11.2 | 3.9 | 3.3 | 4.3 | 2.0 |
| 21 420 | 0.35 | 0.008 | 1.2 | 1.4 | 1.6 | 0.7 | 7.7 | 12.9 | 16.3 | 3.4 | 7.2 | 3.4 | 2.0 | 1.9 | 2.0 | 2.5 | 2.0 | 3.6 | 4.2 | 7.1 | 4.1 | 2.9 | 2.2 | 1.9 |
| 21 720 | 0.32 | 0.006 | 0.2 | 0.5 | 1.9 | 0.5 | 12.3 | 6.8 | 5.3 | 5.9 | 2.2 | 2.2 | 2.6 | 2.7 | 1.6 | 3.4 | 8.3 | 4.1 | 6.5 | 6.5 | 3.7 | 5.9 | 3.0 | 2.2 |
| 21 1020 | 0.23 | 0.003 | 0.3 | 0.3 | 5.8 | 0.9 | 4.5 | 20.5 | 8.6 | 6.4 | 3.3 | 2.0 | 4.2 | 2.2 | 3.4 | 4.1 | 3.2 | 2.2 | 2.6 | 1.1 | 2.5 | 1.0 | 1.7 | 1.6 |
| 21 1320 | 0.26 | 0.004 | 0.2 | 0.6 | 2.7 | 10.0 | 6.3 | 13.9 | 12.2 | 5.7 | 2.4 | 2.3 | 2.5 | 1.8 | 2.5 | 2.5 | 1.8 | 2.8 | 1.9 | 2.0 | 3.0 | 2.8 | 2.0 | 2.4 |
| 21 1620 | 0.27 | 0.005 | 0.3 | 0.5 | 2.8 | 16.4 | 2.3 | 19.0 | 7.3 | 3.9 | 9.8 | 4.1 | 2.4 | 2.1 | 0.8 | 1.4 | 1.5 | 1.1 | 0.9 | 1.6 | 1.0 | 1.4 | 0.8 | 1.4 |
| 21 1920 | 0.23 | 0.003 | 0.5 | 0.8 | 4.0 | 22.5 | 4.6 | 11.6 | 9.7 | 5.8 | 7.6 | 2.8 | 1.7 | 2.1 | 1.5 | 0.9 | 1.2 | 0.5 | 1.6 | 1.2 | 2.0 | 1.6 | 1.6 | 2.0 |
| 21 2220 | 0.21 | 0.003 | 0.5 | 0.7 | 7.8 | 7.0 | 3.9 | 12.5 | 8.4 | 5.4 | 5.2 | 3.2 | 2.7 | 1.5 | 1.6 | 1.4 | 1.4 | 1.4 | 1.7 | 0.8 | 0.9 | 1.3 | 1.6 | 2.3 |
| 22 120 | 0.22 | 0.003 | 0.4 | 1.0 | 2.4 | 5.6 | 8.7 | 4.1 | 4.1 | 5.2 | 5.3 | 3.9 | 2.8 | 1.4 | 1.7 | 1.9 | 1.6 | 1.7 | 1.9 | 1.7 | 2.6 | 4.4 | 6.3 | 6.3 |
| 22 720 | 0.25 | 0.004 | 0.3 | 0.4 | 4.1 | 6.8 | 15.7 | 3.5 | 6.3 | 3.1 | 5.6 | 5.4 | 2.0 | 3.1 | 1.6 | 1.0 | 1.4 | 0.9 | 1.3 | 1.8 | 1.7 | 2.9 | 3.9 | 4.2 |
| 22 1020 | 0.21 | 0.003 | 0.5 | 0.6 | 4.4 | 5.6 | 24.6 | 5.3 | 8.4 | 3.3 | 4.1 | 6.5 | 5.1 | 2.8 | 2.5 | 1.7 | 2.0 | 1.1 | 1.5 | 1.2 | 1.4 | 1.2 | 1.4 | 1.2 |
| 22 1320 | 0.19 | 0.002 | 0.6 | 1.2 | 7.8 | 3.6 | 12.7 | 12.3 | 7.9 | 7.3 | 3.6 | 5.3 | 4.3 | 2.1 | 2.9 | 1.3 | 2.4 | 1.7 | 0.9 | 0.7 | 2.2 | 1.1 | 1.9 | 1.2 |
| 22 1620 | 0.22 | 0.003 | 0.6 | 0.9 | 7.1 | 4.8 | 14.8 | 15.8 | 10.0 | 5.5 | 5.7 | 1.7 | 2.7 | 2.4 | 1.6 | 1.6 | 1.8 | 1.2 | 1.6 | 1.3 | 1.3 | 1.4 | 1.1 | 1.0 |
| 22 1920 | 0.21 | 0.003 | 0.9 | 1.1 | 10.7 | 2.7 | 10.6 | 8.3 | 8.7 | 6.0 | 4.6 | 3.0 | 2.9 | 2.3 | 2.9 | 2.1 | 1.0 | 2.3 | 1.6 | 1.5 | 2.6 | 1.3 | 1.4 | 2.1 |
| 23 120 | 0.18 | 0.002 | 0.8 | 0.5 | 5.2 | 3.4 | 6.1 | 11.5 | 5.7 | 5.9 | 4.7 | 2.7 | 4.9 | 2.4 | 2.8 | 2.8 | 1.9 | 2.7 | 1.4 | 1.5 | 1.1 | 2.9 | 2.7 | 1.1 |
| 23 720 | 0.19 | 0.002 | 0.6 | 1.1 | 8.7 | 1.6 | 5.1 | 4.5 | 4.1 | 11.9 | 4.3 | 8.9 | 3.7 | 2.1 | 3.2 | 2.8 | 1.8 | 0.6 | 1.1 | 2.8 | 2.5 | 2.1 | 3.5 | 1.1 |
| 23 1020 | 0.16 | 0.002 | 0.6 | 1.1 | 6.3 | 2.9 | 4.5 | 11.2 | 5.7 | 2.7 | 4.9 | 3.8 | 4.7 | 2.3 | 3.8 | 1.7 | 3.7 | 1.6 | 2.9 | 2.3 | 3.1 | 1.7 | 1.9 | 1.9 |
| 23 1320 | 0.16 | 0.002 | 0.7 | 1.0 | 5.3 | 4.2 | 6.3 | 9.9 | 5.7 | 3.5 | 6.2 | 3.1 | 3.1 | 3.1 | 2.7 | 2.4 | 2.2 | 3.2 | 2.1 | 1.5 | 2.8 | 1.6 | 2.6 | 2.0 |
| 23 1620 | 0.18 | 0.002 | 0.7 | 0.5 | 7.0 | 2.9 | 3.8 | 9.7 | 7.7 | 11.3 | 8.2 | 3.5 | 4.0 | 2.1 | 2.0 | 2.1 | 1.4 | 1.5 | 1.6 | 2.0 | 2.1 | 1.8 | 2.3 | 1.7 |
| 23 1920 | 0.20 | 0.002 | 0.5 | 0.6 | 4.3 | 2.7 | 3.2 | 4.2 | 6.7 | 12.1 | 8.4 | 8.9 | 8.0 | 2.8 | 1.8 | 2.1 | 1.4 | 1.3 | 1.7 | 1.2 | 1.3 | 1.8 | 1.7 | 1.5 |
| 24 120 | 0.20 | 0.003 | 0.7 | 0.6 | 17.6 | 6.7 | 0.8 | 2.5 | 7.7 | 4.7 | 3.7 | 3.5 | 3.6 | 3.3 | 5.0 | 4.5 | 2.6 | 2.8 | 3.7 | 2.0 | 2.1 | 2.2 | 1.5 | 1.0 |
| 24 420 | 0.32 | 0.006 | 0.2 | 0.3 | 12.2 | 40.4 | 1.0 | 1.2 | 6.9 | 7.2 | 1.6 | 1.1 | 2.0 | 1.7 | 1.6 | 1.3 | 1.4 | 2.2 | 1.1 | 0.8 | 1.0 | 2.0 | 1.3 | 1.8 |
| 26 420 | 0.30 | 0.006 | 0.5 | 0.6 | 1.1 | 0.6 | 0.6 | 1.2 | 1.5 | 1.2 | 2.0 | 3.9 | 4.6 | 2.1 | 9.5 | 5.2 | 4.5 | 8.1 | 5.8 | 8.1 | 6.2 | 6.4 | 3.4 | 2.9 |
| 26 720 | 0.27 | 0.004 | 10.6 | 7.0 | 5.6 | 4.1 | 3.0 | 2.5 | 1.4 | 2.4 | 4.4 | 6.4 | 3.3 | 2.7 | 2.5 | 2.5 | 3.6 | 3.6 | 2.5 | 3.3 | 2.6 | 2.6 | 2.6 | 3.5 |
| 26 1020 | 0.23 | 0.003 | 0.5 | 1.2 | 3.0 | 1.0 | 2.3 | 2.9 | 2.8 | 8.1 | 7.3 | 10.1 | 8.8 | 3.4 | 3.2 | 1.8 | 2.5 | 3.6 | 3.6 | 1.9 | 2.5 | 2.6 | 3.1 | 3.7 |
| 26 1320 | 0.20 | 0.003 | 0.3 | 0.6 | 3.4 | 1.6 | 3.2 | 2.0 | 3.9 | 3.0 | 6.0 | 5.1 | 5.9 | 3.1 | 4.4 | 3.1 | 6.1 | 5.6 | 4.0 | 3.3 | 5.0 | 4.4 | 5.2 | 4.6 |
| 26 1620 | 0.16 | 0.002 | 0.8 | 2.9 | 6.8 | 1.5 | 2.8 | 3.3 | 3.9 | 4.9 | 3.4 | 14.5 | 2.6 | 4.4 | 3.2 | 2.0 | 2.0 | 4.0 | 3.1 | 2.5 | 2.1 | 1.8 | 2.9 | 2.2 |
| 26 1920 | 0.17 | 0.002 | 0.4 | 2.1 | 5.0 | 1.6 | 5.4 | 2.6 | 1.9 | 2.3 | 3.0 | 3.3 | 4.3 | 3.8 | 4.7 | 2.8 | 3.6 | 7.2 | 3.1 | 2.8 | 2.5 | 6.0 | 4.2 | 4.0 |
| 26 2220 | 0.23 | 0.003 | 0.6 | 0.7 | 3.4 | 2.3 | 2.9 | 2.8 | 0.7 | 2.3 | 4.8 | 5.0 | 1.8 | 1.3 | 2.4 | 1.7 | 1.9 | 1.9 | 3.3 | 1.9 | 3.6 | 4.8 | 8.0 | 7.6 |
| 27 120 | 0.21 | 0.003 | 0.5 | 0.7 | 2.5 | 12.9 | 2.5 | 2.1 | 1.0 | 3.8 | 5.4 | 4.1 | 4.5 | 4.5 | 3.0 | 3.8 | 3.6 | 3.9 | 4.1 | 6.8 | 2.4 | 2.6 | 2.4 | 3.8 |
| 27 420 | 0.19 | 0.002 | 0.8 | 0.6 | 4.1 | 6.0 | 12.3 | 2.7 | 3.0 | 1.5 | 1.7 | 7.1 | 3.5 | 5.2 | 2.7 | 2.6 | 4.2 | 5.2 | 2.6 | 3.0 | 2.6 | 3.4 | 2.0 | 2.6 |
| 27 720 | 0.25 | 0.004 | 0.3 | 1.0 | 2.8 | 8.4 | 36.7 | 4.1 | 1.4 | 1.1 | 2.7 | 6.9 | 2.9 | 1.8 | 1.6 | 1.2 | 1.6 | 1.6 | 0.8 | 1.1 | 1.8 | 1.3 | 3.0 | 1.8 |
| 27 1020 | 0.29 | 0.005 | 0.3 | 0.4 | 1.9 | 17.1 | 20.1 | 20.6 | 1.7 | 3.6 | 4.2 | 5.6 | 4.4 | 2.3 | 4.0 | 0.8 | 1.9 | 0.7 | 0.7 | 0.9 | 0.7 | 0.7 | 0.7 | 0.9 |
| 27 1320 | 0.29 | 0.005 | 0.3 | 0.3 | 0.9 | 27.3 | 28.8 | 12.0 | 1.7 | 3.2 | 2.8 | 3.4 | 3.0 | 1.6 | 1.0 | 1.4 | 0.6 | 1.4 | 0.9 | 0.5 | 1.1 | 1.0 | 0.5 | 0.5 |
| 27 1620 | 0.22 | 0.003 | 0.5 | 0.3 | 1.7 | 7.3 | 28.1 | 24.7 | 7.4 | 1.9 | 1.2 | 3.6 | 1.3 | 3.5 | 1.9 | 2.1 | 2.0 | 1.7 | 1.1 | 0.6 | 0.4 | 1.0 | 0.5 | 0.7 |
| 27 1920 | 0.25 | 0.004 | 0.4 | 0.5 | 2.1 | 5.8 | 17.9 | 28.9 | 14.9 | 6.0 | 2.8 | 3.0 | 1.8 | 1.6 | 1.1 | 1.2 | 1.2 | 0.9 | 1.2 | 0.4 | 0.6 | 0.6 | 0.7 | 0.5 |
| 27 2220 | 0.26 | 0.004 | 0.5 | 0.7 | 2.2 | 5.5 | 24.3 | 15.2 | 13.6 | 4.7 | 2.9 | 3.8 | 1.9 | 2.3 | 1.4 | 1.3 | 1.1 | 0.9 | 0.7 | 0.9 | 0.8 | 0.8 | 0.9 | 0.8 |
| 28 120 | 0.23 | 0.003 | 0.4 | 0.7 | 1.1 | 6.6 | 34.6 | 8.9 | 3.4 | 1.5 | 9.6 | 5.8 | 3.1 | 2.0 | 1.4 | 1.5 | 1.1 | 0.8 | 0.9 | 0.7 | 1.3 | 1.1 | 0.7 | 1.5 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 28 420 | 0.23 | 0.003 | 0.7 | 0.8 | 1.6 | 5.0 | 11.2 | 15.7 | 11.7 | 4.7 | 9.7 | 5.6 | 3.7 | 2.8 | 3.3 | 2.3 | 1.4 | 1.1 | 2.6 | 1.9 | 1.2 | 1.3 | 1.3 | 1.2 |
| 28 720 | 0.31 | 0.006 | 0.3 | 0.8 | 1.0 | 3.3 | 8.9 | 16.8 | 9.2 | 15.4 | 6.9 | 9.5 | 6.5 | 5.3 | 3.0 | 1.4 | 0.8 | 1.3 | 1.1 | 1.6 | 0.8 | 0.7 | 0.6 | 0.6 |
| 28 1020 | 0.33 | 0.007 | 0.2 | 0.4 | 1.5 | 3.5 | 19.0 | 16.2 | 16.3 | 13.2 | 5.8 | 4.5 | 1.9 | 2.6 | 1.7 | 1.3 | 1.1 | 1.0 | 0.8 | 1.0 | 0.5 | 0.7 | 1.1 | 0.6 |
| 28 1320 | 0.25 | 0.004 | 0.2 | 1.1 | 1.9 | 3.2 | 18.9 | 16.7 | 14.5 | 10.2 | 3.2 | 1.3 | 4.1 | 3.6 | 1.4 | 2.0 | 1.8 | 1.1 | 1.3 | 1.1 | 1.3 | 0.9 | 0.8 | 1.1 |
| 28 1620 | 0.22 | 0.003 | 0.7 | 0.6 | 2.2 | 6.0 | 17.4 | 14.7 | 15.5 | 10.4 | 5.2 | 4.5 | 3.1 | 2.3 | 2.4 | 1.4 | 0.9 | 0.8 | 0.8 | 0.6 | 0.8 | 0.7 | 0.7 | 0.4 |
| 28 1920 | 0.24 | 0.003 | 0.4 | 0.6 | 1.0 | 2.3 | 9.6 | 12.4 | 26.2 | 16.1 | 7.9 | 2.8 | 3.6 | 1.7 | 2.4 | 1.0 | 0.7 | 0.7 | 0.4 | 0.8 | 0.7 | 0.5 | 0.6 | 0.3 |
| 28 2220 | 0.26 | 0.004 | 0.5 | 0.8 | 2.6 | 3.2 | 9.3 | 17.3 | 9.2 | 7.8 | 7.3 | 4.5 | 1.9 | 6.4 | 3.7 | 3.5 | 2.1 | 1.2 | 2.2 | 1.8 | 1.1 | 2.1 | 1.2 | 1.0 |
| 29 120 | 0.22 | 0.003 | 0.4 | 0.9 | 0.7 | 3.0 | 14.1 | 16.7 | 8.0 | 8.8 | 4.4 | 3.8 | 4.6 | 1.8 | 3.7 | 1.3 | 1.8 | 1.9 | 2.2 | 1.7 | 2.0 | 3.2 | 1.2 | 2.0 |
| 29 420 | 0.19 | 0.002 | 1.0 | 1.5 | 3.2 | 2.4 | 13.6 | 14.4 | 18.5 | 7.0 | 2.8 | 2.2 | 3.0 | 1.6 | 2.0 | 2.0 | 1.1 | 1.3 | 1.3 | 1.4 | 1.7 | 0.9 | 1.4 | 0.8 |
| 29 720 | 0.21 | 0.003 | 0.5 | 1.4 | 4.8 | 1.6 | 8.1 | 12.3 | 16.3 | 9.6 | 6.3 | 6.7 | 3.4 | 2.9 | 1.6 | 1.7 | 1.7 | 1.2 | 0.9 | 1.0 | 0.8 | 1.2 | 1.3 | 1.1 |
| 29 1020 | 0.23 | 0.003 | 0.4 | 1.2 | 5.6 | 1.3 | 12.7 | 18.4 | 12.6 | 10.8 | 8.3 | 3.1 | 3.2 | 2.7 | 1.8 | 1.8 | 1.4 | 0.8 | 0.7 | 1.5 | 0.7 | 1.0 | 1.0 | 0.9 |
| 29 1320 | 0.19 | 0.002 | 0.7 | 2.4 | 6.2 | 1.9 | 7.9 | 21.2 | 5.9 | 8.1 | 5.5 | 2.8 | 2.4 | 2.7 | 3.3 | 1.6 | 2.0 | 1.3 | 1.7 | 2.3 | 2.1 | 1.6 | 1.5 | 1.7 |
| 29 1620 | 0.14 | 0.001 | 1.0 | 5.0 | 10.8 | 2.2 | 10.3 | 12.6 | 7.8 | 3.2 | 2.6 | 2.8 | 1.4 | 2.8 | 1.9 | 2.7 | 2.3 | 1.3 | 1.9 | 1.0 | 1.7 | 1.5 | 1.4 | 1.8 |
| 29 1920 | 0.20 | 0.002 | 0.9 | 0.8 | 6.0 | 0.7 | 6.1 | 35.5 | 19.4 | 6.4 | 2.1 | 1.4 | 1.3 | 1.8 | 2.0 | 1.3 | 1.1 | 0.5 | 0.9 | 0.5 | 0.9 | 0.7 | 0.8 | 1.0 |
| 29 2220 | 0.21 | 0.003 | 0.5 | 0.6 | 3.2 | 1.0 | 2.6 | 17.6 | 26.3 | 15.5 | 7.5 | 4.4 | 1.5 | 1.2 | 1.0 | 0.9 | 0.8 | 1.0 | 0.4 | 0.5 | 0.4 | 0.7 | 0.7 | 0.5 |
| 30 120 | 0.19 | 0.002 | 0.6 | 2.1 | 5.2 | 0.5 | 6.7 | 8.1 | 10.1 | 8.4 | 3.5 | 2.0 | 1.9 | 2.3 | 1.1 | 2.6 | 1.6 | 1.6 | 2.5 | 2.8 | 1.6 | 2.3 | 2.3 | 3.8 |
| 30 420 | 0.16 | 0.001 | 1.1 | 3.2 | 3.8 | 1.7 | 7.0 | 10.7 | 8.1 | 4.8 | 2.2 | 4.1 | 2.8 | 2.8 | 4.3 | 4.3 | 2.1 | 1.7 | 2.6 | 1.8 | 3.0 | 4.1 | 2.4 | 2.0 |
| 30 1020 | 0.20 | 0.003 | 0.5 | 1.2 | 7.8 | 0.8 | 20.0 | 17.4 | 13.0 | 9.0 | 5.6 | 1.3 | 1.1 | 1.4 | 2.1 | 1.0 | 1.4 | 1.5 | 1.3 | 0.9 | 1.0 | 0.6 | 0.9 | 0.8 |
| 30 1320 | 0.16 | 0.001 | 1.2 | 2.0 | 5.7 | 1.5 | 9.5 | 17.4 | 13.0 | 6.2 | 4.5 | 2.2 | 2.7 | 2.9 | 2.1 | 2.2 | 1.7 | 0.6 | 1.9 | 1.8 | 1.0 | 2.1 | 1.2 | 1.2 |
| 30 1920 | 0.13 | 0.001 | 1.1 | 1.5 | 7.5 | 1.4 | 3.8 | 26.9 | 9.0 | 3.6 | 2.2 | 1.8 | 1.8 | 2.1 | 2.9 | 2.3 | 2.1 | 2.2 | 1.5 | 1.6 | 1.1 | 1.2 | 1.4 | 1.4 |
| 30 2220 | 0.15 | 0.001 | 1.0 | 3.9 | 4.1 | 1.6 | 5.6 | 12.0 | 6.3 | 5.6 | 6.9 | 2.7 | 1.8 | 2.8 | 1.5 | 1.7 | 2.7 | 1.7 | 1.8 | 1.9 | 1.2 | 1.8 | 4.0 | 1.5 |
| 31 120 | 0.19 | 0.002 | 0.5 | 1.4 | 2.8 | 0.7 | 2.4 | 6.2 | 3.8 | 3.2 | 2.4 | 3.3 | 1.9 | 1.3 | 1.5 | 1.6 | 1.7 | 1.2 | 1.1 | 2.4 | 3.7 | 4.4 | 5.6 | 6.3 |
| 31 420 | 0.15 | 0.001 | 1.1 | 2.9 | 2.6 | 0.8 | 1.9 | 3.8 | 2.0 | 1.2 | 2.8 | 3.4 | 2.3 | 2.4 | 1.7 | 1.1 | 0.8 | 1.8 | 2.0 | 3.8 | 2.0 | 8.1 | 8.2 | 6.9 |
| 31 720 | 0.13 | 0.001 | 1.3 | 3.2 | 7.0 | 1.1 | 2.8 | 13.0 | 3.5 | 1.6 | 2.3 | 3.0 | 3.9 | 3.9 | 4.1 | 2.0 | 2.9 | 2.2 | 2.5 | 2.5 | 2.3 | 3.0 | 1.6 | 1.7 |
| 31 1020 | 0.16 | 0.002 | 0.6 | 7.6 | 6.0 | 1.5 | 2.8 | 7.8 | 8.6 | 2.8 | 3.8 | 1.2 | 3.3 | 2.2 | 4.5 | 4.9 | 3.0 | 2.3 | 3.6 | 4.2 | 2.4 | 2.8 | 1.7 | 3.2 |
| 31 1320 | 0.13 | 0.001 | 1.0 | 11.7 | 4.8 | 1.4 | 3.7 | 3.5 | 6.3 | 11.1 | 4.8 | 4.7 | 3.7 | 2.6 | 3.7 | 2.5 | 1.2 | 1.0 | 1.5 | 1.9 | 1.4 | 1.7 | 2.0 | 2.3 |

KODIAK/ALASKA GAGE C12: INNER BUOY
JUN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 420 | 0.14 | 0.001 | 1.4 | 8.2 | 4.1 | 0.9 | 1.9 | 3.5 | 3.6 | 2.9 | 3.3 | 4.6 | 2.9 | 2.4 | 1.3 | 2.5 | 1.7 | 1.8 | 1.8 | 1.8 | 3.5 | 2.9 | 3.8 | 3.7 |
| 1 720 | 0.13 | 0.001 | 1.4 | 6.7 | 8.3 | 1.6 | 3.4 | 3.9 | 3.9 | 3.8 | 4.1 | 4.3 | 2.8 | 3.9 | 3.7 | 5.4 | 2.9 | 2.9 | 1.6 | 2.5 | 1.0 | 1.4 | 2.3 | 2.5 |
| 1 1020 | 0.15 | 0.001 | 1.3 | 10.0 | 9.0 | 1.8 | 2.0 | 7.8 | 7.9 | 5.9 | 7.3 | 5.3 | 7.8 | 3.3 | 2.0 | 2.0 | 2.2 | 2.0 | 2.1 | 2.0 | 1.3 | 1.4 | 1.3 | 1.4 |
| 1 1320 | 0.17 | 0.002 | 0.8 | 10.5 | 8.2 | 2.5 | 5.3 | 8.9 | 15.0 | 14.2 | 5.6 | 2.9 | 1.7 | 2.5 | 1.8 | 0.8 | 1.1 | 0.9 | 0.9 | 1.1 | 0.9 | 0.8 | 1.2 | 0.6 |
| 1 1620 | 0.14 | 0.001 | 1.1 | 10.6 | 2.5 | 1.3 | 5.1 | 4.7 | 4.9 | 3.5 | 4.3 | 1.7 | 2.0 | 1.1 | 3.4 | 1.3 | 0.8 | 0.9 | 2.2 | 3.4 | 1.2 | 1.2 | 2.3 | 2.6 |
| 2 420 | 0.17 | 0.002 | 0.6 | 5.4 | 3.5 | 3.4 | 13.4 | 8.8 | 6.6 | 8.7 | 8.1 | 5.2 | 4.5 | 2.2 | 3.3 | 2.0 | 2.0 | 1.5 | 2.1 | 1.1 | 1.2 | 0.9 | 1.3 | 0.9 |
| 2 720 | 0.17 | 0.002 | 0.8 | 4.5 | 3.1 | 7.5 | 10.5 | 5.3 | 9.8 | 5.1 | 3.6 | 1.6 | 5.4 | 2.7 | 2.7 | 1.7 | 2.0 | 1.6 | 1.5 | 2.0 | 1.0 | 1.3 | 2.0 | 2.7 |
| 2 1020 | 0.20 | 0.003 | 0.4 | 1.5 | 4.5 | 1.8 | 13.3 | 14.5 | 16.1 | 6.0 | 5.2 | 4.5 | 6.0 | 2.0 | 1.9 | 1.9 | 1.7 | 1.7 | 1.3 | 0.7 | 1.9 | 1.0 | 0.6 | 1.1 |
| 2 1320 | 0.21 | 0.003 | 0.6 | 4.7 | 5.7 | 2.3 | 14.3 | 12.9 | 14.5 | 10.5 | 4.3 | 3.6 | 2.5 | 2.6 | 1.3 | 1.2 | 1.8 | 1.0 | 1.7 | 2.1 | 0.7 | 1.3 | 1.3 | 1.0 |
| 2 1620 | 0.17 | 0.002 | 0.6 | 2.1 | 3.9 | 1.7 | 13.6 | 10.1 | 8.1 | 8.5 | 7.3 | 6.0 | 3.7 | 4.2 | 2.0 | 1.6 | 1.6 | 2.5 | 2.8 | 1.6 | 1.2 | 1.0 | 1.0 | 1.1 |
| 2 1920 | 0.15 | 0.001 | 1.0 | 3.1 | 6.6 | 0.7 | 4.3 | 9.0 | 12.3 | 5.8 | 3.5 | 4.0 | 2.1 | 3.3 | 2.8 | 2.2 | 1.8 | 2.0 | 2.2 | 2.4 | 2.2 | 1.8 | 1.7 | 1.9 |
| 2 2220 | 0.18 | 0.002 | 0.6 | 1.1 | 6.7 | 0.9 | 1.4 | 10.7 | 7.3 | 4.8 | 5.6 | 3.5 | 1.5 | 4.5 | 1.5 | 2.9 | 1.5 | 5.4 | 2.8 | 3.1 | 3.3 | 2.8 | 3.7 | 2.0 |
| 3 720 | 0.18 | 0.002 | 0.7 | 2.6 | 5.4 | 0.6 | 2.3 | 4.1 | 7.6 | 5.7 | 5.6 | 2.4 | 2.3 | 2.8 | 2.1 | 2.7 | 2.8 | 2.3 | 1.2 | 1.8 | 3.0 | 4.2 | 2.9 | 3.2 |
| 3 1020 | 0.20 | 0.002 | 0.8 | 2.8 | 6.6 | 1.8 | 3.3 | 10.4 | 5.9 | 10.3 | 6.0 | 4.2 | 3.1 | 2.1 | 1.5 | 1.3 | 2.0 | 2.4 | 1.7 | 2.8 | 2.8 | 2.4 | 1.2 | 2.5 |
| 3 1320 | 0.29 | 0.005 | 0.3 | 0.8 | 4.2 | 0.6 | 2.9 | 8.7 | 19.9 | 15.3 | 12.0 | 6.4 | 2.1 | 3.8 | 1.7 | 1.5 | 0.8 | 1.1 | 0.6 | 1.2 | 1.1 | 1.1 | 1.3 | 1.2 |
| 3 1620 | 0.24 | 0.003 | 0.4 | 2.2 | 2.5 | 0.5 | 1.7 | 12.7 | 18.3 | 12.3 | 7.5 | 6.6 | 4.0 | 3.0 | 1.8 | 2.3 | 1.0 | 0.8 | 0.9 | 0.7 | 1.0 | 1.1 | 1.5 | 2.1 |
| 3 1920 | 0.15 | 0.001 | 1.3 | 2.5 | 5.4 | 0.8 | 2.4 | 14.3 | 10.3 | 12.7 | 6.1 | 6.0 | 2.2 | 2.8 | 2.1 | 1.4 | 1.2 | 1.5 | 1.3 | 1.4 | 1.2 | 1.2 | 1.3 | 1.2 |
| 3 2220 | 0.21 | 0.003 | 0.5 | 1.8 | 5.2 | 0.7 | 1.0 | 28.6 | 19.2 | 4.5 | 3.4 | 2.8 | 3.8 | 2.7 | 2.2 | 1.5 | 1.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.5 | 1.0 |
| 4 120 | 0.27 | 0.005 | 0.3 | 1.0 | 1.9 | 0.6 | 0.9 | 9.0 | 27.8 | 14.6 | 4.9 | 5.9 | 4.2 | 2.1 | 1.2 | 1.3 | 0.9 | 0.8 | 1.2 | 0.7 | 1.8 | 1.1 | 1.5 | 2.5 |
| 4 420 | 0.27 | 0.005 | 0.2 | 1.0 | 1.1 | 0.4 | 1.6 | 12.9 | 19.5 | 9.5 | 11.4 | 2.3 | 3.5 | 2.5 | 1.6 | 1.5 | 1.3 | 2.5 | 2.4 | 2.5 | 1.5 | 1.9 | 1.4 | 1.6 |
| 4 720 | 0.20 | 0.003 | 0.4 | 1.1 | 5.9 | 1.4 | 3.7 | 12.2 | 13.1 | 5.4 | 4.0 | 4.0 | 3.6 | 2.2 | 1.9 | 1.7 | 1.2 | 2.2 | 1.7 | 2.0 | 2.1 | 2.3 | 2.5 | 2.3 |
| 4 1020 | 0.25 | 0.004 | 0.3 | 0.6 | 3.2 | 0.5 | 1.1 | 14.5 | 44.0 | 6.3 | 3.8 | 1.3 | 2.1 | 1.6 | 1.1 | 1.0 | 0.7 | 0.6 | 0.8 | 1.0 | 1.1 | 0.6 | 0.6 | 0.9 |
| 4 1320 | 0.40 | 0.010 | 0.2 | 0.5 | 2.0 | 1.2 | 5.7 | 35.0 | 17.1 | 9.7 | 6.7 | 2.1 | 2.0 | 1.3 | 1.5 | 0.6 | 0.7 | 0.5 | 0.5 | 0.4 | 0.8 | 0.5 | 0.4 | 0.7 |
| 4 1620 | 0.35 | 0.008 | 0.2 | 0.7 | 1.1 | 1.5 | 9.4 | 18.9 | 11.8 | 11.7 | 12.1 | 2.3 | 2.7 | 2.3 | 1.7 | 0.9 | 1.0 | 0.5 | 0.5 | 0.6 | 0.7 | 1.1 | 1.2 | 1.0 |
| 4 1920 | 0.23 | 0.003 | 0.8 | 1.1 | 1.2 | 0.9 | 3.3 | 9.7 | 11.0 | 6.5 | 2.1 | 5.1 | 1.9 | 1.4 | 1.2 | 1.5 | 1.3 | 1.1 | 1.8 | 1.1 | 1.8 | 1.8 | 1.4 | 1.4 |
| 4 2220 | 0.21 | 0.003 | 0.6 | 0.7 | 2.7 | 2.6 | 9.9 | 15.2 | 10.8 | 9.2 | 4.3 | 3.1 | 1.1 | 2.3 | 2.0 | 2.5 | 0.6 | 0.9 | 0.6 | 2.1 | 1.9 | 0.6 | 2.1 | 1.7 |
| 5 120 | 0.24 | 0.003 | 0.4 | 0.4 | 3.1 | 2.9 | 12.1 | 11.8 | 14.4 | 8.9 | 3.4 | 4.8 | 3.1 | 1.3 | 2.7 | 2.5 | 2.0 | 1.7 | 1.3 | 0.7 | 1.5 | 1.9 | 1.5 | 1.4 |
| 5 420 | 0.25 | 0.004 | 0.2 | 0.4 | 1.7 | 2.6 | 6.3 | 19.6 | 14.3 | 10.4 | 4.4 | 6.3 | 2.3 | 2.4 | 1.3 | 1.2 | 1.5 | 1.2 | 1.9 | 1.0 | 1.2 | 1.4 | 1.2 | 1.3 |
| 5 720 | 0.19 | 0.002 | 0.6 | 1.0 | 3.8 | 3.1 | 7.6 | 16.4 | 5.4 | 2.5 | 4.2 | 2.8 | 2.4 | 2.3 | 1.6 | 1.3 | 1.0 | 1.8 | 1.2 | 2.5 | 1.9 | 3.5 | 2.5 | 2.2 |
| 5 1020 | 0.19 | 0.002 | 0.6 | 1.1 | 4.1 | 1.2 | 14.4 | 11.4 | 4.0 | 3.7 | 1.4 | 1.6 | 2.1 | 2.0 | 1.0 | 2.0 | 1.7 | 1.5 | 1.7 | 1.3 | 1.9 | 1.6 | 2.0 | 3.0 |
| 5 1320 | 0.21 | 0.003 | 0.4 | 0.7 | 2.7 | 2.9 | 13.4 | 12.2 | 7.8 | 2.3 | 2.6 | 2.3 | 1.4 | 3.2 | 2.4 | 2.0 | 1.6 | 2.5 | 1.8 | 1.9 | 2.9 | 2.2 | 2.3 | 1.4 |
| 5 1620 | 0.21 | 0.003 | 0.4 | 1.1 | 4.3 | 1.9 | 11.3 | 25.1 | 4.4 | 6.7 | 2.7 | 3.0 | 2.6 | 2.2 | 2.1 | 2.0 | 2.5 | 1.9 | 2.3 | 2.5 | 1.5 | 1.3 | 1.6 | 1.3 |
| 5 1920 | 0.16 | 0.002 | 0.8 | 1.7 | 3.6 | 4.4 | 3.5 | 4.7 | 8.3 | 4.2 | 3.8 | 5.6 | 2.6 | 1.8 | 1.4 | 2.6 | 2.2 | 2.0 | 2.6 | 2.4 | 2.9 | 2.4 | 2.1 | 3.3 |
| 5 2220 | 0.15 | 0.001 | 0.8 | 0.7 | 3.0 | 3.2 | 14.1 | 4.7 | 2.4 | 2.1 | 2.4 | 2.7 | 2.5 | 2.2 | 2.9 | 3.4 | 4.6 | 2.9 | 2.7 | 1.9 | 2.3 | 3.6 | 1.9 | 2.4 |
| 6 120 | 0.17 | 0.002 | 1.1 | 1.2 | 3.4 | 1.6 | 13.3 | 5.1 | 4.0 | 2.2 | 3.0 | 1.9 | 4.0 | 2.3 | 2.4 | 5.1 | 3.2 | 2.3 | 2.0 | 2.9 | 2.4 | 4.1 | 2.1 | 2.3 |
| 6 420 | 0.19 | 0.002 | 0.5 | 1.3 | 4.5 | 6.4 | 14.2 | 6.1 | 2.6 | 2.8 | 2.1 | 2.6 | 2.1 | 2.0 | 4.1 | 1.3 | 2.9 | 2.9 | 1.7 | 2.1 | 2.1 | 1.9 | 3.1 | 3.0 |
| 6 720 | 0.22 | 0.003 | 0.5 | 1.0 | 1.8 | 1.7 | 4.3 | 3.5 | 1.4 | 0.9 | 1.1 | 1.5 | 0.9 | 0.9 | 1.2 | 1.9 | 3.8 | 11.0 | 7.6 | 11.4 | 6.7 | 4.0 | 3.7 | 5.4 |
| 6 1020 | 0.15 | 0.001 | 0.7 | 1.4 | 6.5 | 2.6 | 6.2 | 2.0 | 3.1 | 1.7 | 2.4 | 2.7 | 2.5 | 2.0 | 2.5 | 1.9 | 3.0 | 2.7 | 3.8 | 2.9 | 2.8 | 3.3 | 2.7 | 3.7 |
| 6 1320 | 0.15 | 0.001 | 1.2 | 2.2 | 7.5 | 4.4 | 16.0 | 7.7 | 2.3 | 2.4 | 1.3 | 1.7 | 3.2 | 4.7 | 2.5 | 1.9 | 6.3 | 1.3 | 2.0 | 1.7 | 2.0 | 1.8 | 2.6 | 2.0 |
| 6 1620 | 0.16 | 0.002 | 1.2 | 2.0 | 8.4 | 1.9 | 14.6 | 9.8 | 4.1 | 5.4 | 2.8 | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.4 | 1.9 | 1.4 | 2.4 | 2.3 | 1.3 | 2.5 | 2.2 |
| 6 2220 | 0.13 | 0.001 | 2.5 | 1.7 | 11.9 | 2.4 | 5.7 | 2.4 | 0.8 | 1.0 | 2.2 | 2.3 | 2.2 | 2.6 | 2.8 | 2.5 | 1.5 | 1.0 | 1.3 | 1.5 | 0.9 | 2.0 | 1.7 | 1.8 |
| 7 720 | 0.20 | 0.002 | 0.5 | 0.5 | 3.5 | 2.1 | 6.9 | 4.8 | 2.3 | 1.7 | 2.3 | 4.3 | 4.7 | 2.8 | 5.4 | 5.5 | 3.3 | 4.0 | 3.9 | 6.0 | 3.0 | 2.7 | 4.0 | 2.6 |
| 7 1020 | 0.15 | 0.001 | 1.0 | 1.7 | 9.2 | 1.6 | 4.4 | 2.2 | 0.7 | 1.5 | 2.1 | 4.6 | 4.7 | 3.3 | 4.2 | 2.9 | 3.1 | 2.1 | 3.4 | 2.5 | 2.2 | 2.0 | 5.5 | 4.0 |

KODIAK,ALASKA GAGE G12: INNER BUOY
JUN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 1320 | 0.14 | 0.001 | 0.9 | 2.1 | 9.5 | 3.8 | 4.0 | 6.0 | 2.6 | 1.1 | 2.8 | 3.0 | 6.1 | 6.9 | 5.0 | 3.9 | 4.3 | 1.9 | 1.8 | 2.4 | 1.5 | 2.2 | 1.6 | 2.1 |
| 7 1620 | 0.16 | 0.002 | 0.7 | 1.4 | 12.2 | 4.8 | 5.5 | 7.8 | 4.1 | 3.2 | 3.4 | 4.8 | 2.8 | 3.9 | 2.6 | 4.3 | 3.4 | 3.2 | 3.8 | 1.4 | 2.1 | 1.8 | 1.6 | 1.3 |
| 7 1920 | 0.17 | 0.002 | 0.8 | 1.3 | 7.2 | 3.6 | 6.7 | 6.7 | 8.1 | 2.9 | 4.2 | 8.6 | 4.7 | 4.3 | 2.9 | 2.9 | 1.6 | 1.3 | 2.2 | 1.8 | 1.3 | 1.7 | 2.7 | 1.3 |
| 7 2220 | 0.13 | 0.001 | 1.1 | 1.4 | 8.8 | 2.6 | 2.0 | 2.0 | 1.9 | 2.7 | 4.2 | 7.4 | 6.5 | 5.8 | 1.0 | 3.1 | 2.1 | 2.3 | 2.9 | 2.9 | 2.4 | 2.2 | 2.8 | 1.5 |
| 8 120 | 0.16 | 0.002 | 0.6 | 0.7 | 4.8 | 1.7 | 2.2 | 4.4 | 3.1 | 2.4 | 3.6 | 4.8 | 7.6 | 5.3 | 1.5 | 2.9 | 2.8 | 1.3 | 1.7 | 1.7 | 2.3 | 3.4 | 3.3 | 2.9 |
| 8 420 | 0.17 | 0.002 | 0.7 | 1.1 | 4.0 | 2.6 | 3.0 | 4.0 | 2.8 | 3.0 | 2.4 | 4.3 | 6.7 | 9.3 | 2.4 | 7.4 | 4.5 | 3.3 | 1.9 | 3.3 | 2.5 | 2.6 | 1.5 | 1.5 |
| 8 720 | 0.15 | 0.001 | 0.8 | 1.9 | 5.0 | 8.7 | 1.9 | 4.1 | 5.3 | 4.8 | 2.8 | 3.1 | 6.3 | 3.7 | 2.5 | 2.6 | 2.1 | 3.3 | 3.0 | 4.7 | 2.1 | 4.3 | 2.1 | 2.2 |
| 8 1020 | 0.16 | 0.001 | 0.5 | 1.1 | 3.7 | 1.6 | 1.2 | 3.4 | 2.7 | 5.0 | 2.3 | 2.6 | 4.4 | 2.1 | 4.0 | 2.8 | 2.7 | 8.9 | 6.8 | 4.8 | 4.4 | 2.2 | 1.8 | 3.6 |
| 8 1920 | 0.14 | 0.001 | 0.7 | 2.7 | 6.1 | 2.2 | 4.2 | 5.6 | 4.6 | 1.5 | 4.8 | 2.7 | 2.5 | 3.1 | 3.8 | 2.7 | 1.4 | 1.8 | 2.3 | 3.5 | 2.0 | 3.6 | 1.8 | 2.6 |
| 8 2220 | 0.14 | 0.001 | 0.5 | 4.0 | 5.1 | 2.5 | 2.2 | 3.5 | 2.7 | 4.0 | 4.8 | 4.3 | 3.1 | 2.1 | 1.8 | 1.2 | 1.6 | 1.8 | 1.8 | 2.5 | 1.5 | 2.1 | 4.4 | 2.9 |
| 9 120 | 0.20 | 0.003 | 0.5 | 0.8 | 2.4 | 0.9 | 0.8 | 0.8 | 0.9 | 0.6 | 0.6 | 0.6 | 0.5 | 0.9 | 1.1 | 1.2 | 2.8 | 5.3 | 13.0 | 10.0 | 10.8 | 9.1 | 5.5 | 5.0 |
| 9 420 | 0.18 | 0.002 | 0.5 | 1.7 | 1.6 | 0.9 | 1.7 | 2.2 | 1.8 | 1.5 | 0.6 | 1.4 | 1.7 | 1.5 | 1.3 | 1.2 | 2.0 | 1.3 | 2.4 | 6.9 | 12.4 | 8.6 | 10.9 | 5.6 |
| 9 720 | 0.20 | 0.002 | 0.7 | 1.6 | 4.7 | 0.8 | 1.9 | 4.0 | 4.4 | 2.4 | 2.7 | 2.9 | 1.8 | 1.1 | 1.4 | 0.8 | 0.8 | 1.7 | 3.5 | 7.5 | 7.4 | 9.4 | 8.6 | 5.7 |
| 9 1620 | 0.15 | 0.001 | 0.7 | 2.2 | 5.1 | 2.8 | 1.2 | 2.0 | 7.3 | 3.5 | 3.0 | 2.4 | 2.0 | 2.4 | 1.5 | 1.5 | 2.4 | 2.5 | 5.5 | 4.5 | 6.6 | 10.0 | 3.9 | 5.9 |
| 9 1920 | 0.20 | 0.003 | 0.5 | 4.6 | 5.5 | 1.0 | 1.1 | 1.8 | 1.5 | 3.9 | 3.1 | 1.9 | 0.8 | 2.1 | 2.5 | 2.7 | 7.9 | 4.7 | 5.1 | 3.8 | 7.8 | 4.8 | 6.2 | 7.5 |
| 9 2220 | 0.26 | 0.004 | 0.3 | 0.5 | 2.2 | 0.8 | 0.5 | 1.1 | 2.1 | 4.3 | 11.4 | 6.6 | 10.9 | 4.4 | 2.4 | 1.9 | 4.8 | 1.8 | 3.4 | 9.9 | 4.8 | 4.3 | 4.6 | 4.3 |
| 10 120 | 0.26 | 0.004 | 0.4 | 0.8 | 0.9 | 1.0 | 0.3 | 0.6 | 1.3 | 4.3 | 26.2 | 25.3 | 6.1 | 4.9 | 2.9 | 2.1 | 1.8 | 2.2 | 1.9 | 1.9 | 2.4 | 1.2 | 1.0 | 2.3 |
| 10 420 | 0.16 | 0.002 | 0.4 | 1.7 | 4.1 | 2.5 | 1.8 | 1.2 | 2.3 | 1.8 | 12.3 | 11.0 | 11.2 | 3.9 | 5.1 | 3.4 | 2.6 | 2.3 | 1.6 | 2.0 | 1.8 | 1.7 | 2.8 | 2.5 |
| 10 720 | 0.29 | 0.005 | 0.5 | 1.0 | 1.9 | 1.5 | 0.9 | 1.0 | 2.1 | 2.0 | 3.8 | 7.9 | 26.2 | 15.6 | 6.8 | 5.5 | 3.9 | 2.0 | 3.7 | 2.1 | 1.8 | 0.7 | 0.7 | 1.6 |
| 10 1020 | 0.27 | 0.004 | 0.4 | 1.5 | 1.8 | 1.4 | 1.1 | 1.5 | 2.3 | 4.5 | 16.5 | 26.2 | 13.4 | 7.2 | 2.9 | 2.9 | 2.1 | 2.0 | 1.1 | 1.5 | 2.1 | 1.8 | 0.5 | 0.5 |
| 10 1320 | 0.22 | 0.003 | 0.4 | 2.3 | 3.1 | 0.3 | 0.7 | 0.8 | 3.1 | 12.1 | 20.1 | 26.4 | 6.2 | 4.9 | 3.5 | 3.7 | 1.1 | 1.4 | 0.5 | 0.7 | 1.2 | 0.8 | 0.6 | 0.8 |
| 10 1620 | 0.30 | 0.006 | 0.3 | 0.3 | 1.0 | 0.2 | 0.3 | 2.3 | 16.4 | 34.4 | 13.0 | 12.3 | 2.5 | 2.0 | 3.0 | 1.5 | 1.5 | 1.2 | 2.0 | 0.6 | 0.8 | 0.3 | 0.5 | 0.4 |
| 10 1920 | 0.40 | 0.010 | 0.1 | 0.4 | 0.5 | 0.3 | 0.4 | 2.9 | 27.1 | 22.7 | 9.0 | 4.4 | 9.8 | 4.5 | 1.6 | 2.1 | 2.3 | 2.0 | 1.2 | 2.3 | 1.0 | 0.9 | 0.3 | 0.4 |
| 11 120 | 0.45 | 0.013 | 0.1 | 0.4 | 0.9 | 5.4 | 6.6 | 28.4 | 15.7 | 11.2 | 5.1 | 6.1 | 3.4 | 2.3 | 2.3 | 0.8 | 1.1 | 1.6 | 1.4 | 1.0 | 1.0 | 0.8 | 1.0 | 0.7 |
| 11 420 | 0.40 | 0.010 | 0.1 | 0.3 | 0.7 | 5.9 | 13.7 | 15.5 | 25.7 | 9.1 | 3.8 | 4.1 | 2.5 | 4.3 | 3.1 | 0.9 | 1.7 | 1.0 | 0.8 | 1.1 | 1.0 | 0.7 | 0.5 | 0.4 |
| 11 720 | 0.59 | 0.022 | 0.1 | 0.1 | 0.8 | 5.3 | 31.4 | 18.5 | 8.0 | 5.2 | 7.6 | 2.5 | 4.4 | 2.9 | 1.4 | 2.5 | 1.1 | 2.1 | 1.2 | 0.9 | 0.3 | 0.9 | 0.4 | 0.5 |
| 11 1020 | 0.60 | 0.023 | 0.1 | 0.2 | 0.8 | 5.4 | 24.0 | 25.4 | 8.7 | 7.8 | 5.1 | 3.6 | 2.9 | 2.5 | 1.5 | 2.7 | 1.9 | 1.5 | 0.9 | 0.5 | 0.8 | 0.5 | 0.4 | 0.5 |
| 11 1320 | 0.38 | 0.009 | 0.1 | 0.2 | 0.5 | 20.3 | 23.2 | 17.7 | 7.2 | 6.3 | 3.8 | 4.1 | 2.9 | 1.7 | 1.7 | 0.7 | 1.5 | 1.6 | 0.9 | 0.7 | 0.6 | 0.7 | 0.5 | 0.6 |
| 11 1620 | 0.32 | 0.006 | 0.1 | 0.3 | 0.6 | 2.9 | 27.1 | 31.5 | 7.5 | 4.0 | 2.2 | 5.1 | 2.3 | 1.6 | 1.4 | 2.6 | 1.8 | 1.5 | 1.2 | 0.5 | 0.2 | 0.3 | 1.0 | 0.3 |
| 11 1920 | 0.35 | 0.008 | 0.1 | 0.1 | 1.2 | 2.6 | 15.5 | 18.3 | 19.0 | 9.7 | 5.9 | 5.1 | 3.1 | 4.3 | 2.4 | 1.3 | 1.2 | 0.8 | 1.0 | 1.2 | 0.9 | 1.0 | 0.9 | 0.6 |
| 11 2220 | 0.40 | 0.010 | 0.1 | 0.2 | 1.1 | 1.9 | 23.1 | 19.3 | 10.5 | 10.6 | 12.8 | 3.4 | 2.5 | 2.9 | 1.3 | 1.1 | 1.0 | 1.0 | 1.6 | 0.6 | 0.4 | 0.4 | 0.4 | 0.4 |
| 12 120 | 0.34 | 0.007 | 0.2 | 0.2 | 0.7 | 2.3 | 44.7 | 12.1 | 5.2 | 7.1 | 2.5 | 6.2 | 3.2 | 1.6 | 1.4 | 0.7 | 1.4 | 1.1 | 1.0 | 1.0 | 0.8 | 0.9 | 0.5 | 0.6 |
| 12 420 | 0.26 | 0.004 | 0.3 | 0.1 | 0.9 | 2.9 | 30.6 | 23.0 | 11.8 | 4.9 | 2.7 | 3.4 | 1.4 | 1.9 | 1.5 | 1.2 | 1.0 | 1.7 | 0.6 | 1.0 | 0.9 | 0.8 | 0.9 | 0.6 |
| 12 720 | 0.27 | 0.005 | 0.2 | 0.4 | 1.4 | 2.3 | 14.0 | 37.5 | 13.4 | 6.5 | 4.5 | 1.7 | 2.6 | 1.2 | 0.5 | 0.9 | 1.0 | 1.1 | 0.8 | 1.1 | 1.0 | 0.8 | 0.6 | 0.5 |
| 12 1020 | 0.30 | 0.006 | 0.3 | 0.7 | 3.1 | 1.1 | 11.3 | 31.4 | 11.9 | 8.0 | 11.0 | 4.8 | 2.0 | 1.8 | 0.9 | 0.6 | 0.4 | 0.6 | 0.4 | 1.6 | 0.8 | 0.6 | 0.6 | 0.5 |
| 12 1320 | 0.22 | 0.003 | 0.3 | 0.7 | 2.7 | 1.2 | 16.0 | 41.1 | 8.0 | 5.9 | 4.0 | 1.9 | 2.2 | 1.1 | 1.0 | 0.7 | 0.7 | 0.9 | 0.4 | 0.7 | 0.6 | 0.3 | 0.8 | 0.4 |
| 12 1620 | 0.15 | 0.001 | 1.3 | 2.0 | 4.9 | 2.6 | 24.0 | 16.1 | 4.9 | 3.2 | 2.2 | 2.3 | 1.5 | 1.0 | 2.4 | 1.0 | 1.8 | 1.3 | 1.4 | 1.3 | 1.3 | 2.0 | 1.3 | 0.9 |
| 12 1920 | 0.16 | 0.002 | 0.9 | 0.9 | 4.1 | 1.9 | 4.9 | 28.1 | 13.3 | 9.0 | 5.0 | 3.9 | 1.6 | 2.2 | 1.5 | 2.5 | 1.4 | 0.7 | 1.2 | 0.7 | 1.1 | 1.4 | 1.2 | 0.8 |
| 12 2220 | 0.20 | 0.003 | 0.5 | 2.2 | 3.6 | 1.8 | 6.6 | 16.7 | 11.7 | 6.4 | 7.8 | 2.6 | 2.1 | 1.2 | 2.2 | 0.8 | 1.9 | 1.3 | 0.9 | 0.6 | 1.2 | 1.1 | 1.0 | 1.6 |
| 13 120 | 0.21 | 0.003 | 0.3 | 0.7 | 3.6 | 0.9 | 4.1 | 10.8 | 5.0 | 5.1 | 6.1 | 3.8 | 2.0 | 1.0 | 0.8 | 3.1 | 2.4 | 4.7 | 2.8 | 4.3 | 4.0 | 4.1 | 4.1 | 3.0 |
| 13 420 | 0.24 | 0.004 | 0.3 | 0.3 | 2.7 | 0.6 | 1.8 | 3.3 | 1.5 | 1.1 | 0.6 | 1.4 | 3.1 | 2.6 | 6.6 | 6.7 | 6.3 | 11.0 | 8.9 | 6.0 | 7.6 | 4.6 | 2.6 | 2.2 |
| 13 720 | 0.29 | 0.005 | 0.2 | 0.2 | 1.5 | 0.6 | 0.7 | 4.2 | 0.9 | 0.6 | 1.0 | 0.9 | 0.6 | 1.2 | 1.8 | 7.6 | 15.8 | 10.5 | 13.8 | 5.0 | 4.7 | 4.7 | 2.5 | 5.5 |
| 13 1020 | 0.33 | 0.007 | 0.3 | 0.4 | 2.3 | 0.8 | 0.9 | 2.7 | 4.4 | 1.6 | 1.0 | 0.5 | 0.5 | 1.1 | 1.1 | 3.4 | 11.2 | 13.5 | 15.0 | 6.9 | 5.6 | 8.9 | 4.0 | 2.3 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
JUN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 1320 | 0.40 | 0.010 | 0.2 | 0.1 | 2.0 | 0.3 | 0.4 | 1.8 | 1.2 | 2.1 | 11.6 | 12.8 | 10.3 | 11.6 | 5.5 | 4.9 | 6.4 | 2.8 | 5.0 | 4.4 | 3.0 | 2.1 | 1.7 | 1.9 |
| 13 1620 | 0.43 | 0.012 | 0.1 | 0.0 | 0.3 | 0.1 | 0.2 | 1.0 | 11.8 | 29.5 | 17.4 | 5.7 | 4.8 | 4.7 | 2.6 | 2.9 | 3.3 | 1.5 | 1.9 | 0.8 | 2.1 | 1.4 | 1.5 | 1.1 |
| 13 1920 | 0.65 | 0.026 | 0.1 | 0.1 | 0.2 | 0.3 | 8.3 | 41.9 | 13.3 | 6.9 | 3.6 | 2.0 | 1.8 | 2.7 | 2.4 | 3.3 | 1.5 | 2.3 | 2.0 | 1.0 | 1.1 | 1.3 | 0.8 | 0.9 |
| 13 2220 | 0.73 | 0.033 | 0.1 | 0.1 | 0.1 | 2.5 | 25.4 | 24.2 | 8.4 | 5.8 | 5.2 | 4.5 | 4.8 | 3.7 | 2.1 | 2.0 | 1.1 | 1.9 | 1.4 | 1.3 | 1.1 | 0.8 | 0.8 | 0.6 |
| 14 120 | 0.68 | 0.029 | 0.1 | 0.1 | 0.1 | 2.0 | 30.5 | 16.7 | 14.8 | 8.4 | 5.8 | 3.5 | 4.0 | 2.2 | 2.0 | 1.6 | 1.2 | 1.5 | 0.7 | 0.5 | 0.8 | 0.6 | 0.5 | 0.3 |
| 14 420 | 0.44 | 0.012 | 0.1 | 0.1 | 0.3 | 2.4 | 27.8 | 20.7 | 8.3 | 2.9 | 5.9 | 6.6 | 4.1 | 5.0 | 2.4 | 1.3 | 0.9 | 2.1 | 1.6 | 1.2 | 0.9 | 0.6 | 0.9 | 0.4 |
| 14 720 | 0.47 | 0.014 | 0.1 | 0.2 | 0.9 | 2.7 | 35.7 | 13.6 | 9.8 | 8.3 | 4.4 | 5.6 | 3.0 | 2.1 | 2.4 | 1.4 | 1.4 | 1.6 | 1.4 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 |
| 14 1020 | 0.63 | 0.025 | 0.1 | 0.1 | 0.6 | 1.9 | 27.6 | 14.3 | 11.8 | 7.9 | 8.6 | 7.2 | 2.6 | 3.4 | 2.6 | 1.2 | 2.8 | 1.3 | 0.7 | 0.9 | 0.9 | 0.4 | 1.0 | 0.2 |
| 14 1320 | 0.51 | 0.017 | 0.1 | 0.1 | 0.8 | 6.0 | 6.6 | 29.8 | 11.2 | 14.8 | 8.8 | 4.9 | 4.1 | 2.2 | 1.9 | 2.0 | 1.0 | 0.9 | 0.8 | 0.3 | 0.3 | 0.6 | 0.2 | 0.5 |
| 14 1620 | 0.25 | 0.004 | 0.5 | 0.4 | 1.2 | 9.7 | 14.6 | 23.1 | 11.3 | 5.5 | 3.9 | 3.5 | 3.3 | 2.1 | 2.8 | 1.3 | 1.2 | 0.8 | 1.0 | 0.7 | 0.3 | 0.8 | 0.4 | 0.2 |
| 14 1920 | 0.23 | 0.003 | 0.4 | 0.5 | 1.7 | 15.4 | 20.7 | 23.2 | 10.6 | 4.3 | 2.4 | 2.3 | 1.9 | 0.7 | 1.4 | 0.7 | 1.3 | 1.0 | 0.7 | 0.7 | 0.7 | 0.9 | 0.4 | 0.3 |
| 14 2220 | 0.28 | 0.005 | 0.4 | 0.7 | 2.7 | 7.3 | 29.8 | 15.9 | 12.4 | 7.3 | 3.8 | 2.7 | 1.4 | 1.9 | 0.9 | 1.7 | 1.0 | 1.0 | 0.8 | 0.5 | 0.5 | 0.6 | 0.6 | 0.4 |
| 15 420 | 0.25 | 0.004 | 0.4 | 0.6 | 1.7 | 5.7 | 15.9 | 29.4 | 10.0 | 5.5 | 3.5 | 3.9 | 3.0 | 2.2 | 1.7 | 1.5 | 1.0 | 1.8 | 1.4 | 1.8 | 0.3 | 0.8 | 0.9 | 0.6 |
| 15 720 | 0.21 | 0.003 | 0.7 | 1.5 | 3.5 | 4.3 | 10.4 | 10.1 | 8.3 | 12.0 | 6.0 | 4.0 | 4.8 | 6.5 | 5.0 | 1.8 | 1.7 | 2.0 | 2.3 | 1.0 | 1.2 | 1.3 | 1.4 | 0.7 |
| 15 1020 | 0.28 | 0.005 | 0.4 | 0.5 | 1.8 | 4.3 | 14.8 | 16.6 | 10.7 | 11.1 | 6.8 | 3.4 | 4.5 | 3.7 | 2.7 | 4.1 | 2.1 | 1.3 | 1.8 | 1.0 | 1.2 | 0.9 | 0.6 | 0.6 |
| 15 1320 | 0.27 | 0.004 | 0.4 | 2.2 | 1.4 | 1.8 | 10.1 | 20.1 | 22.4 | 11.1 | 4.8 | 2.3 | 3.1 | 3.7 | 3.3 | 1.6 | 1.0 | 1.0 | 0.5 | 1.1 | 1.1 | 0.5 | 0.9 | 0.9 |
| 15 1620 | 0.20 | 0.003 | 0.8 | 1.2 | 2.4 | 1.4 | 11.8 | 17.8 | 10.6 | 12.5 | 5.0 | 3.0 | 2.2 | 1.8 | 2.1 | 2.2 | 1.0 | 2.1 | 1.5 | 3.4 | 3.1 | 1.4 | 1.8 | 2.0 |
| 15 2220 | 0.20 | 0.003 | 0.6 | 0.5 | 4.7 | 2.4 | 7.2 | 15.9 | 11.6 | 5.6 | 6.3 | 2.9 | 5.0 | 4.4 | 8.8 | 1.5 | 1.5 | 1.9 | 2.1 | 1.6 | 1.6 | 1.5 | 1.3 | 1.4 |
| 16 420 | 0.18 | 0.002 | 0.6 | 1.0 | 2.8 | 1.3 | 4.0 | 12.4 | 9.7 | 4.3 | 3.9 | 2.1 | 2.6 | 3.6 | 4.1 | 3.3 | 3.4 | 4.1 | 2.6 | 2.9 | 4.1 | 5.5 | 2.8 | 3.2 |
| 16 720 | 0.16 | 0.002 | 1.0 | 1.0 | 3.0 | 2.0 | 2.5 | 6.3 | 6.5 | 5.5 | 5.3 | 3.4 | 3.6 | 6.3 | 3.7 | 3.4 | 2.1 | 2.0 | 2.3 | 2.1 | 2.8 | 4.1 | 4.2 | 3.7 |
| 16 1020 | 0.20 | 0.002 | 0.6 | 0.7 | 6.3 | 1.5 | 4.3 | 7.6 | 10.3 | 7.4 | 4.3 | 11.0 | 6.7 | 9.2 | 5.1 | 4.0 | 3.1 | 2.1 | 1.6 | 2.3 | 0.6 | 0.4 | 1.2 | 0.8 |
| 16 1320 | 0.24 | 0.003 | 0.4 | 0.4 | 8.1 | 0.7 | 5.3 | 14.5 | 12.1 | 7.6 | 3.0 | 2.9 | 4.4 | 3.8 | 2.4 | 2.1 | 1.2 | 1.3 | 2.0 | 1.1 | 2.0 | 1.5 | 2.3 | 3.7 |
| 16 1620 | 0.18 | 0.002 | 0.6 | 1.5 | 4.1 | 1.2 | 4.9 | 13.5 | 8.6 | 3.2 | 4.6 | 5.1 | 3.4 | 5.4 | 2.2 | 1.7 | 1.5 | 1.0 | 0.7 | 0.8 | 1.6 | 2.7 | 2.5 | 3.6 |
| 16 2220 | 0.17 | 0.002 | 0.5 | 0.7 | 3.5 | 1.1 | 1.4 | 13.4 | 7.6 | 5.6 | 3.3 | 4.3 | 5.3 | 2.3 | 3.7 | 2.5 | 2.2 | 0.7 | 1.8 | 2.2 | 2.9 | 3.0 | 3.2 | 5.6 |
| 17 120 | 0.28 | 0.005 | 0.3 | 0.4 | 2.0 | 0.8 | 0.7 | 3.4 | 3.5 | 3.7 | 2.0 | 2.8 | 1.4 | 2.2 | 1.4 | 2.1 | 4.5 | 12.2 | 11.8 | 8.4 | 7.9 | 5.9 | 4.3 | 6.1 |
| 17 1020 | 0.14 | 0.001 | 1.0 | 2.7 | 8.1 | 3.3 | 5.8 | 9.9 | 9.6 | 5.4 | 6.3 | 5.0 | 4.0 | 3.9 | 2.7 | 2.8 | 1.9 | 1.6 | 2.0 | 1.7 | 1.9 | 0.8 | 1.1 | 1.3 |
| 17 1320 | 0.19 | 0.002 | 0.6 | 0.7 | 5.0 | 3.1 | 2.3 | 5.6 | 12.9 | 16.1 | 6.0 | 8.3 | 5.5 | 5.2 | 5.3 | 1.7 | 2.6 | 1.1 | 1.3 | 1.2 | 1.1 | 0.8 | 2.0 | 0.9 |
| 17 1620 | 0.18 | 0.002 | 0.6 | 1.8 | 6.8 | 1.4 | 1.3 | 3.7 | 7.7 | 9.5 | 12.7 | 5.8 | 7.1 | 6.3 | 8.1 | 2.9 | 1.9 | 2.5 | 0.9 | 2.5 | 1.4 | 2.2 | 1.2 | 1.4 |
| 18 120 | 0.17 | 0.002 | 0.7 | 0.9 | 6.6 | 1.2 | 1.0 | 1.8 | 3.3 | 10.3 | 7.8 | 5.2 | 3.4 | 2.0 | 2.5 | 1.7 | 2.8 | 2.0 | 1.4 | 1.6 | 3.6 | 5.6 | 3.7 | 8.4 |
| 18 420 | 0.16 | 0.001 | 0.6 | 2.2 | 7.8 | 1.7 | 1.0 | 3.3 | 3.0 | 2.4 | 4.6 | 3.5 | 3.1 | 2.1 | 5.2 | 8.4 | 3.9 | 1.8 | 2.6 | 1.6 | 2.8 | 2.1 | 3.2 | 4.5 |
| 18 720 | 0.13 | 0.001 | 0.9 | 1.7 | 8.3 | 1.5 | 2.4 | 1.7 | 3.9 | 4.0 | 2.6 | 3.1 | 3.2 | 9.1 | 7.4 | 5.1 | 4.8 | 2.7 | 2.1 | 1.0 | 3.2 | 1.4 | 2.8 | 1.4 |
| 18 1020 | 0.13 | 0.001 | 1.0 | 7.3 | 4.2 | 3.0 | 3.0 | 2.2 | 4.2 | 5.3 | 3.1 | 3.2 | 5.4 | 5.0 | 7.8 | 6.2 | 5.4 | 4.1 | 1.3 | 1.3 | 1.7 | 1.0 | 1.8 | 2.3 |
| 18 1320 | 0.21 | 0.003 | 0.4 | 1.4 | 7.7 | 1.3 | 1.6 | 1.2 | 1.9 | 4.1 | 2.6 | 6.2 | 6.1 | 7.6 | 10.9 | 9.1 | 4.3 | 2.9 | 4.5 | 2.9 | 5.2 | 2.8 | 1.6 | 2.2 |
| 18 1620 | 0.21 | 0.003 | 0.5 | 2.0 | 7.2 | 1.5 | 0.6 | 1.3 | 2.3 | 4.1 | 10.0 | 9.9 | 16.7 | 15.0 | 4.3 | 3.0 | 2.4 | 1.5 | 1.9 | 1.4 | 1.7 | 1.2 | 1.0 | 0.7 |
| 18 1920 | 0.14 | 0.001 | 0.8 | 1.3 | 4.0 | 1.5 | 0.8 | 3.4 | 1.8 | 4.2 | 10.7 | 8.7 | 6.0 | 12.6 | 5.5 | 3.3 | 3.3 | 2.6 | 1.5 | 1.5 | 1.9 | 2.5 | 1.2 | 1.7 |
| 19 120 | 0.19 | 0.002 | 0.5 | 0.6 | 3.8 | 1.1 | 0.4 | 1.1 | 1.6 | 3.4 | 9.1 | 13.4 | 14.5 | 6.2 | 7.1 | 2.4 | 3.1 | 1.9 | 2.1 | 2.0 | 2.0 | 2.0 | 1.8 | 0.7 |
| 19 420 | 0.20 | 0.002 | 0.7 | 1.3 | 3.0 | 1.3 | 1.1 | 1.2 | 1.2 | 3.5 | 3.9 | 11.8 | 21.5 | 15.2 | 5.3 | 4.2 | 2.3 | 3.8 | 0.9 | 2.2 | 1.6 | 1.3 | 0.7 | 1.4 |
| 19 720 | 0.18 | 0.002 | 0.7 | 1.2 | 4.3 | 0.9 | 1.0 | 1.0 | 1.8 | 3.0 | 7.7 | 12.5 | 4.4 | 9.8 | 3.8 | 4.2 | 1.3 | 1.4 | 2.2 | 3.0 | 2.1 | 2.6 | 3.4 | 4.9 |
| 19 1020 | 0.13 | 0.001 | 0.9 | 2.6 | 3.7 | 2.3 | 1.9 | 1.0 | 2.0 | 3.4 | 12.7 | 19.6 | 6.9 | 7.1 | 3.7 | 3.3 | 2.1 | 1.9 | 1.9 | 1.4 | 1.3 | 0.7 | 1.5 | 0.7 |
| 19 1320 | 0.13 | 0.001 | 1.0 | 2.7 | 8.6 | 1.4 | 1.3 | 1.9 | 1.7 | 3.9 | 6.7 | 13.3 | 15.5 | 4.3 | 2.2 | 3.6 | 3.5 | 1.9 | 2.0 | 1.9 | 2.0 | 1.7 | 1.8 | 1.7 |
| 19 1620 | 0.13 | 0.001 | 0.8 | 1.7 | 6.9 | 1.3 | 1.6 | 1.4 | 1.1 | 2.8 | 8.2 | 15.0 | 10.1 | 14.8 | 4.0 | 2.4 | 1.7 | 1.5 | 1.9 | 1.0 | 1.3 | 1.4 | 2.4 | 1.0 |
| 19 2220 | 0.13 | 0.001 | 1.0 | 2.1 | 4.6 | 1.5 | 1.5 | 1.9 | 1.5 | 2.3 | 2.8 | 7.1 | 4.3 | 5.1 | 5.2 | 2.8 | 1.6 | 1.9 | 0.9 | 2.9 | 2.3 | 2.5 | 2.2 | 2.9 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
JUN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 20 420 | 0.16 | 0.002 | 0.7 | 2.6 | 4.9 | 2.2 | 2.0 | 1.4 | 0.8 | 1.1 | 2.5 | 5.6 | 4.0 | 3.4 | 3.7 | 3.3 | 1.9 | 2.8 | 2.0 | 5.2 | 4.0 | 5.1 | 2.9 | 5.0 |
| 20 720 | 0.19 | 0.002 | 0.5 | 4.0 | 3.2 | 1.0 | 0.9 | 0.4 | 0.7 | 1.4 | 4.3 | 3.2 | 4.2 | 4.4 | 5.1 | 3.0 | 6.8 | 4.5 | 3.2 | 7.1 | 3.3 | 4.7 | 5.5 | 3.7 |
| 20 1020 | 0.15 | 0.001 | 1.0 | 6.7 | 7.9 | 1.3 | 0.7 | 1.2 | 2.2 | 1.1 | 5.7 | 5.4 | 5.9 | 5.8 | 3.1 | 3.8 | 1.9 | 2.1 | 2.4 | 2.7 | 1.7 | 2.1 | 4.4 | 4.7 |
| 20 1320 | 0.15 | 0.001 | 1.1 | 8.5 | 6.4 | 2.1 | 1.1 | 1.1 | 0.8 | 1.0 | 0.8 | 2.7 | 7.3 | 7.6 | 7.8 | 3.2 | 3.4 | 2.3 | 3.4 | 1.7 | 2.2 | 2.0 | 4.0 | 1.9 |
| 20 1620 | 0.16 | 0.002 | 0.6 | 10.4 | 7.5 | 3.5 | 2.2 | 0.8 | 0.7 | 1.0 | 2.3 | 2.1 | 7.1 | 7.2 | 6.3 | 4.2 | 3.6 | 5.4 | 1.9 | 2.3 | 4.7 | 4.0 | 4.9 | 1.8 |
| 20 1920 | 0.16 | 0.001 | 1.0 | 11.5 | 4.1 | 1.0 | 1.5 | 1.5 | 1.0 | 1.8 | 2.7 | 2.6 | 2.7 | 5.8 | 8.1 | 5.1 | 3.0 | 2.7 | 1.7 | 4.5 | 3.0 | 3.0 | 2.6 | 2.4 |
| 20 2220 | 0.20 | 0.002 | 0.7 | 3.2 | 1.4 | 0.9 | 0.3 | 0.5 | 0.3 | 0.8 | 1.3 | 1.3 | 0.6 | 1.1 | 2.6 | 2.2 | 2.3 | 1.6 | 0.9 | 3.6 | 3.2 | 7.5 | 11.1 | 12.9 |
| 21 120 | 0.28 | 0.005 | 0.3 | 1.8 | 2.4 | 1.0 | 0.4 | 0.5 | 0.4 | 0.4 | 0.5 | 1.1 | 1.0 | 3.0 | 7.2 | 18.4 | 7.3 | 7.0 | 8.5 | 5.9 | 5.2 | 3.9 | 4.8 | 3.6 |
| 21 420 | 0.30 | 0.006 | 0.4 | 1.2 | 1.0 | 0.6 | 0.3 | 0.6 | 2.3 | 0.5 | 0.6 | 0.8 | 2.0 | 7.8 | 5.3 | 4.9 | 7.4 | 6.2 | 10.7 | 6.5 | 5.9 | 6.8 | 6.3 | 4.4 |
| 21 720 | 0.25 | 0.004 | 0.3 | 1.5 | 1.1 | 1.0 | 0.3 | 1.7 | 2.7 | 1.0 | 0.5 | 0.9 | 1.1 | 1.4 | 2.0 | 4.3 | 8.6 | 11.1 | 12.8 | 4.1 | 11.2 | 4.4 | 5.0 | 5.5 |
| 21 1020 | 0.18 | 0.002 | 1.0 | 10.8 | 6.6 | 1.0 | 0.4 | 1.6 | 6.8 | 1.8 | 1.4 | 3.2 | 4.0 | 2.7 | 1.9 | 2.1 | 2.2 | 2.5 | 2.9 | 2.3 | 10.7 | 5.9 | 7.4 | 2.4 |
| 21 1320 | 0.16 | 0.002 | 0.8 | 17.1 | 9.4 | 1.9 | 1.4 | 1.4 | 5.7 | 4.3 | 1.0 | 3.0 | 4.7 | 5.0 | 5.8 | 4.6 | 3.0 | 4.1 | 1.8 | 1.7 | 1.4 | 2.3 | 1.7 | 0.9 |
| 21 1620 | 0.19 | 0.002 | 0.5 | 6.2 | 5.7 | 1.7 | 0.8 | 2.1 | 4.9 | 6.9 | 4.5 | 9.4 | 8.7 | 12.3 | 5.8 | 3.7 | 2.9 | 4.7 | 2.3 | 2.1 | 1.0 | 1.2 | 0.9 | 0.9 |
| 21 1920 | 0.18 | 0.002 | 0.7 | 22.0 | 2.8 | 1.4 | 1.0 | 1.4 | 5.7 | 6.8 | 9.4 | 8.5 | 8.2 | 5.7 | 3.6 | 1.8 | 1.7 | 0.9 | 0.7 | 1.5 | 0.9 | 0.9 | 1.4 | 1.3 |
| 21 2220 | 0.17 | 0.002 | 0.9 | 8.4 | 4.9 | 1.3 | 0.5 | 0.8 | 7.1 | 7.1 | 8.6 | 10.2 | 4.2 | 4.7 | 2.9 | 2.2 | 1.7 | 1.2 | 1.2 | 0.8 | 1.3 | 1.3 | 1.2 | 1.3 |
| 22 120 | 0.21 | 0.003 | 0.4 | 1.6 | 4.5 | 1.1 | 0.8 | 0.6 | 3.6 | 7.1 | 14.7 | 7.7 | 5.1 | 3.7 | 2.4 | 3.1 | 2.9 | 3.6 | 2.4 | 1.7 | 1.9 | 1.3 | 1.7 | 2.9 |
| 22 420 | 0.26 | 0.004 | 0.4 | 2.1 | 2.3 | 0.8 | 0.6 | 0.5 | 0.9 | 4.9 | 8.6 | 7.6 | 8.1 | 2.2 | 2.3 | 3.0 | 1.4 | 2.6 | 2.9 | 6.5 | 10.5 | 3.9 | 5.3 | 3.6 |
| 22 720 | 0.24 | 0.003 | 0.4 | 2.1 | 2.3 | 1.1 | 0.8 | 0.7 | 2.0 | 21.4 | 12.8 | 18.5 | 5.1 | 2.0 | 2.2 | 1.0 | 1.5 | 1.5 | 1.0 | 1.3 | 1.9 | 2.9 | 3.8 | 1.8 |
| 22 1020 | 0.22 | 0.003 | 0.5 | 3.7 | 2.2 | 1.4 | 1.0 | 1.6 | 8.2 | 17.6 | 10.1 | 8.0 | 7.6 | 2.5 | 3.6 | 2.8 | 2.1 | 1.1 | 1.7 | 1.7 | 1.4 | 1.8 | 0.7 | 1.0 |
| 22 1320 | 0.20 | 0.003 | 0.5 | 7.5 | 3.5 | 0.7 | 2.2 | 4.2 | 18.0 | 11.7 | 11.0 | 5.0 | 4.1 | 3.1 | 2.8 | 1.9 | 0.9 | 2.4 | 1.8 | 1.1 | 1.3 | 1.1 | 0.8 | 1.3 |
| 22 1620 | 0.30 | 0.006 | 0.2 | 2.3 | 1.4 | 1.0 | 1.6 | 9.9 | 10.2 | 24.4 | 15.4 | 7.0 | 7.8 | 4.2 | 1.4 | 1.3 | 1.3 | 0.9 | 1.0 | 0.7 | 0.4 | 0.9 | 0.8 | 0.6 |
| 22 1920 | 0.27 | 0.005 | 0.3 | 6.1 | 1.6 | 0.6 | 4.8 | 16.8 | 11.7 | 6.7 | 6.6 | 10.1 | 7.0 | 4.1 | 4.1 | 1.9 | 1.4 | 1.4 | 1.0 | 1.5 | 1.0 | 1.3 | 0.6 | 0.8 |
| 22 2220 | 0.24 | 0.004 | 0.4 | 5.1 | 3.5 | 1.8 | 4.5 | 15.5 | 8.8 | 12.0 | 4.9 | 7.8 | 3.6 | 2.5 | 4.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.0 | 1.5 | 1.0 | 1.2 | 1.0 |
| 23 120 | 0.30 | 0.006 | 0.3 | 12.8 | 0.5 | 3.2 | 12.4 | 8.7 | 6.2 | 6.2 | 1.1 | 2.3 | 2.3 | 1.3 | 1.3 | 2.0 | 1.0 | 3.1 | 4.6 | 5.6 | 5.2 | 3.6 | 2.8 | 2.8 |
| 23 420 | 0.36 | 0.008 | 0.2 | 2.4 | 0.9 | 1.5 | 17.5 | 14.5 | 11.2 | 6.3 | 3.0 | 2.3 | 1.7 | 1.4 | 1.6 | 1.5 | 1.4 | 1.4 | 3.5 | 8.2 | 6.0 | 3.2 | 1.4 | 1.3 |
| 23 720 | 0.39 | 0.009 | 0.1 | 3.8 | 0.9 | 1.5 | 27.8 | 20.3 | 8.4 | 7.8 | 3.4 | 4.5 | 2.4 | 2.1 | 1.2 | 0.6 | 0.8 | 0.9 | 1.1 | 1.3 | 1.6 | 2.7 | 1.2 | 1.4 |
| 23 1020 | 0.35 | 0.008 | 0.1 | 2.0 | 0.6 | 0.7 | 29.8 | 17.4 | 4.6 | 4.2 | 3.4 | 4.9 | 2.3 | 1.3 | 1.7 | 0.9 | 1.0 | 1.7 | 1.7 | 2.5 | 4.9 | 3.4 | 2.7 | 1.7 |
| 23 1320 | 0.28 | 0.005 | 0.2 | 3.8 | 0.8 | 0.4 | 26.6 | 33.2 | 11.3 | 4.5 | 2.4 | 2.1 | 2.8 | 1.3 | 0.7 | 1.2 | 1.0 | 0.8 | 0.7 | 0.5 | 0.6 | 0.3 | 0.4 | 0.4 |
| 23 1620 | 0.38 | 0.009 | 0.2 | 2.6 | 0.8 | 0.2 | 13.6 | 35.4 | 8.4 | 8.5 | 4.4 | 1.8 | 1.1 | 1.6 | 1.1 | 1.0 | 1.4 | 1.6 | 1.7 | 2.6 | 1.2 | 1.9 | 1.5 | 1.3 |
| 23 2220 | 0.32 | 0.006 | 0.1 | 4.5 | 1.5 | 0.4 | 7.9 | 20.9 | 8.2 | 7.4 | 4.9 | 7.0 | 8.1 | 6.6 | 5.7 | 2.2 | 1.0 | 2.0 | 1.0 | 1.4 | 0.6 | 0.5 | 0.8 | 0.9 |
| 24 120 | 0.29 | 0.005 | 0.3 | 5.6 | 0.7 | 0.4 | 2.0 | 24.4 | 17.8 | 8.1 | 3.2 | 2.1 | 1.5 | 5.3 | 5.2 | 2.3 | 3.0 | 1.7 | 1.0 | 0.8 | 1.0 | 1.2 | 1.6 | 2.2 |
| 24 420 | 0.30 | 0.006 | 0.3 | 5.5 | 2.2 | 0.6 | 1.8 | 30.8 | 26.5 | 6.1 | 3.7 | 2.0 | 1.5 | 2.5 | 2.1 | 1.9 | 1.5 | 1.6 | 1.7 | 0.9 | 0.9 | 1.1 | 0.6 | 0.4 |
| 24 720 | 0.28 | 0.005 | 0.3 | 5.1 | 2.1 | 0.9 | 6.2 | 29.2 | 18.9 | 7.3 | 6.2 | 3.3 | 1.8 | 1.5 | 1.5 | 1.0 | 1.1 | 0.9 | 0.7 | 0.8 | 0.7 | 0.7 | 0.8 | 0.5 |
| 24 1020 | 0.31 | 0.006 | 0.2 | 1.1 | 2.2 | 0.6 | 5.8 | 19.4 | 11.2 | 6.5 | 15.4 | 8.0 | 5.0 | 1.8 | 1.1 | 0.7 | 0.6 | 0.9 | 1.4 | 2.0 | 1.0 | 1.1 | 2.6 | 1.6 |
| 24 1320 | 0.23 | 0.003 | 0.5 | 6.3 | 1.9 | 0.6 | 11.1 | 13.2 | 8.8 | 6.0 | 9.8 | 3.6 | 2.6 | 2.8 | 2.5 | 2.9 | 1.3 | 1.5 | 1.5 | 1.8 | 2.5 | 2.6 | 1.7 | 3.3 |
| 24 1620 | 0.34 | 0.007 | 0.2 | 5.6 | 1.0 | 0.3 | 3.9 | 9.3 | 7.9 | 10.9 | 3.8 | 7.0 | 2.5 | 2.9 | 2.7 | 2.2 | 5.1 | 4.8 | 3.7 | 5.6 | 4.2 | 5.1 | 5.0 | 2.0 |
| 24 1920 | 0.61 | 0.023 | 0.1 | 1.0 | 0.3 | 0.1 | 0.8 | 5.6 | 13.8 | 8.3 | 13.3 | 4.7 | 7.3 | 4.3 | 5.8 | 2.1 | 5.4 | 5.4 | 6.1 | 3.0 | 4.0 | 1.7 | 1.3 | 1.5 |
| 24 2220 | 0.72 | 0.033 | 0.1 | 0.3 | 0.2 | 0.1 | 1.2 | 11.7 | 22.5 | 11.1 | 9.1 | 6.6 | 4.4 | 5.0 | 4.0 | 4.1 | 3.0 | 4.1 | 3.0 | 1.3 | 1.7 | 1.4 | 0.8 | 1.0 |
| 25 120 | 0.64 | 0.025 | 0.1 | 1.4 | 0.2 | 0.1 | 3.7 | 28.5 | 13.1 | 6.1 | 6.7 | 4.5 | 4.6 | 3.5 | 4.4 | 5.4 | 2.7 | 2.2 | 2.8 | 2.3 | 1.3 | 0.9 | 1.5 | 1.0 |
| 25 420 | 0.58 | 0.021 | 0.1 | 0.8 | 0.3 | 0.2 | 3.4 | 28.4 | 13.5 | 6.3 | 8.4 | 6.6 | 4.4 | 4.3 | 2.8 | 2.5 | 2.4 | 1.7 | 2.6 | 3.6 | 1.3 | 1.2 | 1.1 | 0.8 |
| 25 720 | 0.66 | 0.027 | 0.1 | 1.3 | 0.3 | 0.4 | 9.5 | 9.3 | 13.6 | 13.6 | 7.9 | 7.1 | 6.7 | 6.0 | 5.0 | 4.7 | 3.2 | 1.9 | 2.0 | 1.1 | 1.8 | 1.1 | 1.1 | 0.4 |
| 25 1020 | 0.64 | 0.026 | 0.2 | 0.9 | 0.5 | 0.7 | 14.5 | 8.5 | 10.1 | 9.6 | 6.2 | 4.5 | 6.5 | 6.4 | 4.1 | 5.2 | 3.8 | 5.1 | 1.8 | 3.1 | 1.7 | 1.5 | 1.2 | 1.0 |
| 25 1320 | 0.65 | 0.027 | 0.1 | 0.3 | 0.1 | 1.0 | 13.6 | 11.7 | 17.6 | 7.1 | 5.4 | 3.5 | 6.5 | 6.1 | 5.6 | 3.4 | 3.1 | 2.2 | 2.0 | 1.5 | 0.9 | 1.1 | 1.3 | 1.7 |
| 25 1620 | 0.74 | 0.034 | 0.1 | 0.4 | 0.5 | 4.2 | 26.0 | 10.1 | 7.8 | 4.9 | 7.1 | 9.0 | 3.6 | 5.3 | 2.0 | 2.9 | 3.2 | 3.8 | 1.9 | 1.8 | 1.4 | 0.9 | 0.5 | 0.8 |

KODIAK, ALASKA GAGE G12: INNER BUOY
JUN 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 1920 | 0.74 | 0.034 | 0.1 | 0.3 | 0.2 | 4.5 | 41.1 | 9.9 | 6.9 | 3.4 | 3.2 | 9.2 | 5.7 | 2.5 | 2.8 | 1.6 | 1.4 | 1.6 | 1.5 | 0.8 | 0.5 | 0.8 | 0.3 | 0.4 |
| 25 2220 | 0.68 | 0.029 | 0.1 | 0.9 | 0.3 | 2.9 | 34.9 | 15.6 | 4.4 | 6.7 | 5.0 | 6.4 | 3.1 | 3.2 | 2.7 | 2.0 | 2.6 | 2.0 | 1.3 | 0.8 | 0.7 | 0.8 | 0.7 | 0.4 |
| 26 120 | 0.57 | 0.021 | 0.2 | 0.5 | 0.4 | 2.4 | 20.2 | 19.9 | 10.8 | 6.5 | 8.4 | 4.8 | 5.9 | 2.5 | 3.9 | 1.7 | 1.1 | 2.3 | 1.5 | 1.1 | 1.0 | 1.0 | 0.9 | 0.5 |
| 26 420 | 0.53 | 0.018 | 0.2 | 0.6 | 0.4 | 0.6 | 24.6 | 13.2 | 10.4 | 7.3 | 5.6 | 3.3 | 11.1 | 6.4 | 2.8 | 1.9 | 1.5 | 1.0 | 1.4 | 1.7 | 0.6 | 0.7 | 0.5 | 0.5 |
| 26 720 | 0.68 | 0.028 | 0.1 | 1.0 | 0.3 | 0.7 | 29.2 | 27.8 | 9.0 | 5.8 | 3.0 | 3.7 | 4.8 | 3.0 | 2.2 | 1.0 | 1.1 | 1.3 | 0.8 | 1.1 | 1.0 | 0.3 | 0.6 | 0.3 |
| 26 1020 | 0.61 | 0.024 | 0.1 | 0.9 | 0.7 | 0.6 | 22.5 | 20.3 | 10.0 | 12.6 | 7.7 | 5.4 | 2.8 | 3.6 | 1.7 | 1.2 | 1.5 | 1.4 | 1.6 | 0.6 | 0.9 | 0.6 | 1.0 | 0.3 |
| 26 1320 | 0.45 | 0.013 | 0.2 | 2.9 | 0.8 | 1.5 | 21.8 | 23.1 | 7.4 | 7.6 | 2.1 | 4.3 | 5.5 | 3.4 | 2.2 | 1.8 | 1.4 | 1.3 | 1.7 | 0.9 | 1.0 | 1.3 | 0.6 | 0.8 |
| 26 1620 | 0.46 | 0.013 | 0.2 | 0.8 | 0.7 | 0.5 | 21.5 | 17.7 | 14.5 | 6.6 | 3.5 | 3.8 | 5.1 | 4.2 | 3.4 | 2.2 | 1.7 | 1.2 | 1.0 | 1.3 | 1.3 | 0.7 | 1.1 | 0.6 |
| 26 1920 | 0.51 | 0.016 | 0.2 | 0.8 | 0.6 | 0.9 | 20.8 | 20.4 | 9.8 | 6.8 | 3.5 | 6.8 | 3.9 | 4.0 | 2.0 | 1.9 | 1.5 | 1.9 | 1.5 | 0.7 | 1.3 | 1.0 | 1.0 | 1.2 |
| 26 2220 | 0.53 | 0.018 | 0.2 | 0.5 | 0.5 | 1.6 | 17.9 | 16.0 | 14.9 | 7.2 | 4.3 | 6.0 | 4.2 | 2.4 | 4.3 | 2.2 | 0.9 | 0.6 | 0.7 | 0.6 | 1.4 | 1.0 | 1.2 | 1.4 |
| 27 120 | 0.57 | 0.020 | 0.2 | 0.8 | 0.6 | 10.8 | 17.6 | 11.5 | 7.0 | 9.8 | 5.3 | 4.5 | 2.9 | 2.5 | 3.2 | 1.1 | 1.4 | 0.8 | 1.3 | 0.5 | 1.4 | 2.2 | 2.5 | 3.7 |
| 27 420 | 0.56 | 0.020 | 0.1 | 1.1 | 0.4 | 10.4 | 15.2 | 8.6 | 9.8 | 11.9 | 9.4 | 4.2 | 2.9 | 3.3 | 2.5 | 2.8 | 1.8 | 0.7 | 0.8 | 0.8 | 0.5 | 0.9 | 0.9 | 1.6 |
| 27 720 | 0.72 | 0.032 | 0.1 | 0.7 | 1.1 | 13.5 | 26.1 | 10.8 | 5.9 | 5.3 | 5.1 | 8.8 | 3.1 | 3.6 | 2.6 | 2.3 | 1.8 | 1.5 | 1.5 | 1.0 | 0.5 | 0.5 | 0.4 | 0.3 |
| 27 1020 | 0.63 | 0.025 | 0.1 | 2.1 | 1.8 | 14.7 | 19.5 | 9.7 | 7.6 | 5.1 | 7.9 | 6.7 | 4.9 | 2.7 | 2.6 | 2.7 | 2.7 | 1.9 | 1.1 | 1.3 | 0.8 | 0.6 | 0.7 | 0.5 |
| 27 1320 | 0.59 | 0.022 | 0.1 | 0.7 | 2.3 | 9.0 | 26.7 | 8.7 | 9.8 | 8.4 | 6.8 | 6.7 | 4.6 | 3.5 | 1.9 | 1.9 | 1.4 | 1.7 | 1.3 | 0.8 | 0.6 | 1.0 | 0.4 | 0.3 |
| 27 1620 | 0.47 | 0.014 | 0.1 | 0.5 | 1.3 | 8.2 | 27.4 | 16.9 | 9.3 | 8.9 | 5.0 | 3.0 | 3.5 | 2.5 | 1.1 | 1.5 | 3.0 | 1.5 | 0.9 | 0.8 | 1.0 | 0.6 | 0.5 | 0.3 |
| 27 1920 | 0.44 | 0.012 | 0.1 | 0.8 | 1.1 | 6.9 | 14.1 | 23.0 | 5.9 | 8.8 | 6.8 | 4.8 | 3.2 | 4.7 | 3.9 | 2.2 | 2.0 | 1.1 | 1.9 | 1.6 | 1.2 | 0.9 | 0.8 | 0.7 |
| 27 2220 | 0.56 | 0.020 | 0.1 | 1.1 | 0.4 | 1.5 | 17.7 | 18.7 | 15.2 | 7.0 | 4.9 | 6.4 | 5.5 | 5.0 | 2.3 | 2.9 | 1.6 | 1.2 | 1.7 | 1.3 | 0.8 | 1.1 | 0.4 | 0.7 |
| 28 120 | 0.45 | 0.013 | 0.1 | 3.3 | 1.2 | 5.8 | 15.0 | 12.6 | 15.2 | 6.1 | 7.1 | 3.3 | 8.3 | 2.2 | 3.0 | 2.0 | 1.6 | 1.4 | 2.1 | 1.4 | 1.0 | 1.1 | 0.5 | 0.9 |
| 28 420 | 0.36 | 0.008 | 0.2 | 1.9 | 0.7 | 5.4 | 21.8 | 23.5 | 8.6 | 4.3 | 3.6 | 3.5 | 5.5 | 2.4 | 2.4 | 1.8 | 1.1 | 1.0 | 1.3 | 1.4 | 0.9 | 1.3 | 0.5 | 0.7 |
| 28 720 | 0.37 | 0.009 | 0.2 | 2.0 | 1.5 | 3.6 | 22.8 | 15.6 | 14.4 | 7.2 | 5.8 | 4.8 | 3.2 | 1.7 | 2.0 | 1.7 | 1.1 | 2.1 | 1.1 | 1.3 | 0.6 | 1.0 | 0.5 | 0.8 |
| 28 1020 | 0.35 | 0.008 | 0.2 | 2.8 | 1.5 | 3.0 | 26.8 | 22.4 | 6.8 | 8.4 | 6.1 | 3.6 | 1.6 | 2.3 | 1.2 | 1.3 | 0.6 | 1.0 | 0.6 | 0.7 | 0.8 | 1.0 | 1.2 | 0.8 |
| 28 1320 | 0.29 | 0.005 | 0.3 | 2.1 | 2.3 | 4.4 | 20.5 | 21.6 | 9.6 | 10.4 | 7.0 | 2.1 | 2.4 | 1.4 | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 | 0.6 | 0.9 | 1.5 | 0.9 | 1.1 |
| 28 1620 | 0.18 | 0.002 | 0.6 | 3.0 | 2.9 | 3.8 | 13.8 | 8.8 | 13.5 | 3.5 | 6.9 | 5.8 | 4.6 | 2.3 | 2.8 | 2.8 | 1.6 | 1.7 | 1.5 | 1.8 | 2.0 | 1.4 | 1.9 | 0.8 |
| 28 1920 | 0.22 | 0.003 | 0.4 | 4.3 | 3.8 | 1.9 | 33.3 | 17.7 | 8.0 | 5.1 | 1.7 | 2.9 | 2.6 | 1.5 | 1.0 | 1.4 | 1.0 | 1.0 | 1.0 | 1.1 | 1.2 | 0.8 | 0.6 | 0.6 |
| 29 120 | 0.31 | 0.006 | 0.3 | 2.6 | 2.5 | 0.8 | 7.6 | 5.5 | 2.4 | 1.6 | 1.8 | 2.4 | 2.0 | 3.6 | 5.6 | 10.6 | 9.7 | 5.8 | 6.2 | 4.9 | 3.2 | 3.7 | 2.4 | 3.0 |
| 29 420 | 0.24 | 0.004 | 0.3 | 2.1 | 4.0 | 2.1 | 9.7 | 4.2 | 1.5 | 2.4 | 1.3 | 1.3 | 1.5 | 8.0 | 11.9 | 8.5 | 6.5 | 5.4 | 3.8 | 4.7 | 2.8 | 1.3 | 2.6 | 2.0 |
| 29 720 | 0.36 | 0.008 | 0.2 | 2.7 | 2.0 | 2.9 | 0.6 | 2.2 | 0.6 | 0.5 | 0.2 | 0.8 | 1.8 | 2.4 | 4.2 | 8.6 | 9.3 | 9.7 | 6.0 | 12.4 | 7.8 | 3.6 | 4.7 | 1.9 |
| 29 1020 | 0.37 | 0.009 | 0.2 | 2.6 | 3.1 | 8.1 | 8.4 | 7.6 | 2.7 | 3.0 | 2.2 | 1.2 | 1.0 | 2.4 | 2.8 | 4.9 | 9.3 | 6.4 | 4.6 | 6.2 | 5.4 | 2.7 | 3.9 | 2.6 |
| 29 1320 | 0.43 | 0.011 | 0.2 | 1.5 | 2.5 | 4.3 | 10.0 | 5.3 | 2.9 | 1.5 | 2.3 | 1.4 | 1.4 | 4.0 | 11.6 | 13.1 | 7.0 | 5.4 | 5.5 | 2.0 | 4.2 | 2.7 | 2.2 | 1.7 |
| 29 1620 | 0.42 | 0.011 | 0.1 | 0.4 | 1.1 | 2.2 | 3.5 | 4.4 | 1.4 | 1.5 | 1.6 | 2.4 | 8.5 | 7.1 | 12.3 | 15.5 | 8.6 | 5.3 | 4.0 | 4.3 | 3.4 | 2.7 | 1.6 | 1.3 |
| 29 1920 | 0.37 | 0.008 | 0.1 | 0.5 | 1.4 | 3.8 | 2.5 | 4.6 | 3.6 | 6.5 | 9.4 | 6.7 | 6.7 | 4.2 | 5.7 | 10.4 | 7.4 | 7.3 | 2.6 | 3.1 | 3.8 | 1.8 | 1.5 | 1.1 |
| 29 2220 | 0.37 | 0.008 | 0.3 | 0.4 | 1.9 | 3.6 | 2.9 | 1.8 | 5.9 | 6.1 | 10.3 | 7.8 | 6.8 | 3.1 | 3.9 | 1.4 | 2.9 | 3.0 | 3.6 | 7.5 | 6.6 | 3.2 | 6.0 | 1.8 |
| 30 120 | 0.43 | 0.011 | 0.3 | 0.9 | 1.4 | 3.0 | 5.9 | 4.1 | 7.1 | 9.4 | 16.4 | 10.9 | 3.6 | 5.6 | 2.7 | 2.8 | 2.8 | 2.3 | 2.2 | 4.2 | 2.6 | 2.6 | 1.5 | 0.9 |
| 30 720 | 0.26 | 0.004 | 0.4 | 1.3 | 4.1 | 4.0 | 4.5 | 6.2 | 20.5 | 7.7 | 6.6 | 5.3 | 3.2 | 3.2 | 2.2 | 3.9 | 1.5 | 1.8 | 2.0 | 4.0 | 2.2 | 1.9 | 2.3 | 1.5 |
| 30 1020 | 0.35 | 0.008 | 0.2 | 2.9 | 1.4 | 1.8 | 6.0 | 13.5 | 6.8 | 12.5 | 9.3 | 6.0 | 5.6 | 4.8 | 4.4 | 2.8 | 2.9 | 2.2 | 1.7 | 2.1 | 2.6 | 2.0 | 1.3 | 1.5 |
| 30 1320 | 0.36 | 0.008 | 0.3 | 1.1 | 3.8 | 2.5 | 12.1 | 4.1 | 9.2 | 15.5 | 10.2 | 8.6 | 9.1 | 1.9 | 2.1 | 1.9 | 1.7 | 1.1 | 1.5 | 2.3 | 1.4 | 1.9 | 1.1 | 1.6 |
| 30 1620 | 0.23 | 0.003 | 0.4 | 2.5 | 4.6 | 4.1 | 17.7 | 8.0 | 15.3 | 5.3 | 8.6 | 3.0 | 3.7 | 3.4 | 2.7 | 1.8 | 1.0 | 0.9 | 1.7 | 1.3 | 1.0 | 0.9 | 1.5 | 0.9 |
| 30 1920 | 0.23 | 0.003 | 0.3 | 1.4 | 2.3 | 1.8 | 10.5 | 12.4 | 17.2 | 17.8 | 3.6 | 2.5 | 2.6 | 2.9 | 1.9 | 1.9 | 1.8 | 1.1 | 1.5 | 0.9 | 1.4 | 1.3 | 1.4 | 1.4 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 1 120 | 0.34 | 0.007 | 0.2 | 0.5 | 3.2 | 1.4 | 4.2 | 8.2 | 11.8 | 11.5 | 16.0 | 9.2 | 5.3 | 5.7 | 3.5 | 2.2 | 1.8 | 1.5 | 1.6 | 2.1 | 1.3 | 0.6 | 1.6 | 0.8 |
| 1 420 | 0.26 | 0.004 | 0.3 | 1.4 | 5.2 | 1.3 | 4.7 | 12.9 | 8.2 | 13.1 | 11.9 | 5.9 | 8.4 | 4.2 | 2.4 | 2.0 | 0.9 | 1.1 | 1.9 | 1.1 | 1.1 | 1.4 | 0.8 | 1.1 |
| 1 720 | 0.21 | 0.003 | 0.9 | 1.6 | 4.1 | 1.8 | 5.7 | 13.6 | 11.3 | 12.5 | 6.1 | 8.7 | 4.2 | 4.0 | 4.0 | 3.0 | 2.2 | 1.0 | 1.3 | 1.3 | 1.4 | 1.1 | 0.7 | 0.9 |
| 1 1020 | 0.28 | 0.005 | 0.3 | 1.8 | 7.2 | 1.5 | 3.4 | 9.3 | 9.7 | 11.8 | 10.2 | 7.7 | 6.1 | 2.6 | 8.3 | 2.5 | 5.1 | 1.5 | 0.9 | 1.1 | 1.3 | 0.6 | 1.2 | 0.5 |
| 1 1320 | 0.32 | 0.006 | 0.3 | 0.7 | 6.0 | 1.8 | 3.3 | 6.5 | 14.7 | 14.2 | 16.3 | 12.3 | 3.4 | 3.3 | 2.7 | 3.0 | 1.5 | 1.1 | 1.0 | 1.3 | 0.8 | 0.3 | 0.7 | 0.5 |
| 1 1620 | 0.25 | 0.004 | 0.5 | 1.2 | 3.8 | 1.8 | 3.4 | 9.0 | 10.6 | 16.2 | 12.6 | 9.7 | 6.1 | 6.1 | 3.8 | 1.5 | 1.1 | 1.8 | 1.0 | 1.0 | 0.7 | 0.9 | 0.8 | 1.0 |
| 1 1920 | 0.18 | 0.002 | 0.6 | 2.4 | 2.8 | 1.2 | 2.6 | 21.0 | 8.3 | 6.0 | 9.8 | 5.9 | 4.6 | 3.7 | 4.7 | 2.8 | 2.4 | 2.4 | 1.7 | 1.5 | 1.7 | 0.9 | 0.9 | 1.6 |
| 1 2220 | 0.22 | 0.003 | 0.5 | 2.1 | 8.2 | 1.0 | 2.3 | 5.6 | 14.2 | 5.8 | 8.2 | 10.6 | 5.4 | 4.5 | 3.2 | 1.9 | 3.2 | 2.6 | 1.8 | 1.5 | 1.6 | 1.8 | 1.0 | 1.2 |
| 2 120 | 0.25 | 0.004 | 0.4 | 0.7 | 2.5 | 1.5 | 1.9 | 3.2 | 11.9 | 17.5 | 14.7 | 12.6 | 5.6 | 3.0 | 2.5 | 2.0 | 1.7 | 1.6 | 1.8 | 1.2 | 1.5 | 0.9 | 0.9 | 1.0 |
| 2 420 | 0.23 | 0.003 | 0.6 | 1.4 | 4.6 | 1.5 | 1.4 | 4.4 | 12.5 | 7.6 | 7.4 | 17.0 | 9.0 | 5.0 | 3.7 | 2.6 | 2.6 | 1.3 | 1.1 | 1.1 | 0.8 | 0.9 | 1.3 | 2.6 |
| 2 720 | 0.19 | 0.002 | 0.6 | 2.0 | 5.6 | 1.2 | 1.7 | 4.3 | 12.2 | 15.9 | 8.8 | 8.3 | 6.1 | 5.3 | 6.9 | 3.1 | 2.3 | 1.5 | 1.9 | 0.7 | 1.4 | 0.6 | 1.4 | 0.6 |
| 2 1020 | 0.21 | 0.003 | 0.3 | 3.5 | 4.6 | 1.5 | 8.4 | 6.1 | 14.6 | 11.6 | 8.9 | 7.9 | 5.3 | 2.7 | 2.5 | 3.8 | 2.8 | 2.6 | 1.1 | 0.9 | 0.6 | 1.1 | 0.6 | 0.8 |
| 2 1320 | 0.26 | 0.004 | 0.5 | 1.6 | 3.1 | 0.9 | 3.3 | 22.9 | 7.0 | 11.4 | 16.1 | 9.2 | 3.8 | 3.8 | 2.4 | 1.4 | 1.9 | 0.7 | 1.6 | 1.2 | 1.0 | 0.7 | 0.4 | 0.6 |
| 2 1620 | 0.21 | 0.003 | 0.4 | 1.6 | 6.2 | 1.2 | 5.2 | 9.4 | 8.1 | 14.6 | 15.5 | 7.2 | 3.7 | 4.8 | 3.1 | 1.5 | 1.8 | 1.9 | 1.2 | 0.7 | 0.2 | 1.1 | 1.1 | 0.6 |
| 2 1920 | 0.15 | 0.001 | 1.6 | 1.7 | 11.4 | 2.1 | 5.0 | 9.8 | 8.2 | 4.8 | 5.9 | 7.8 | 6.1 | 2.5 | 3.2 | 2.4 | 1.7 | 1.3 | 1.4 | 1.6 | 1.5 | 0.9 | 1.5 | 2.1 |
| 2 2220 | 0.18 | 0.002 | 0.7 | 2.5 | 6.6 | 1.5 | 5.8 | 12.3 | 12.9 | 7.0 | 6.6 | 4.4 | 6.4 | 4.9 | 2.3 | 1.4 | 1.3 | 1.6 | 0.5 | 0.8 | 1.0 | 1.8 | 1.1 | 1.1 |
| 3 120 | 0.21 | 0.003 | 0.9 | 1.9 | 4.0 | 1.3 | 5.1 | 21.9 | 6.0 | 12.1 | 7.2 | 4.5 | 6.2 | 3.7 | 2.4 | 2.5 | 1.7 | 1.5 | 2.3 | 2.2 | 1.1 | 0.8 | 0.9 | 0.6 |
| 3 420 | 0.22 | 0.003 | 0.4 | 1.2 | 5.9 | 1.3 | 6.7 | 17.9 | 8.2 | 11.2 | 3.2 | 8.8 | 6.9 | 4.8 | 3.0 | 3.6 | 1.8 | 1.4 | 1.3 | 1.5 | 0.8 | 0.6 | 0.8 | 0.9 |
| 3 720 | 0.17 | 0.002 | 0.6 | 1.6 | 10.1 | 3.2 | 6.0 | 10.9 | 6.6 | 7.5 | 7.6 | 8.5 | 8.1 | 2.9 | 2.4 | 3.8 | 1.5 | 1.4 | 1.2 | 1.9 | 0.9 | 0.6 | 1.2 | 1.1 |
| 3 1020 | 0.19 | 0.002 | 0.6 | 2.1 | 4.8 | 1.9 | 6.1 | 5.3 | 13.4 | 9.0 | 12.5 | 9.2 | 4.3 | 5.1 | 4.0 | 1.8 | 2.7 | 2.2 | 1.1 | 1.3 | 0.9 | 1.0 | 0.7 | 0.9 |
| 3 1320 | 0.24 | 0.004 | 0.3 | 1.5 | 4.3 | 1.6 | 7.3 | 23.9 | 7.5 | 11.7 | 10.6 | 7.5 | 5.1 | 2.9 | 2.6 | 0.9 | 1.2 | 0.9 | 1.2 | 0.7 | 0.6 | 0.5 | 0.7 | 0.7 |
| 3 1620 | 0.23 | 0.003 | 0.4 | 2.1 | 3.7 | 2.2 | 7.2 | 19.2 | 8.0 | 21.9 | 7.3 | 5.1 | 5.8 | 2.9 | 0.9 | 1.0 | 1.1 | 0.6 | 0.8 | 0.4 | 0.8 | 0.6 | 0.7 | 0.8 |
| 3 1920 | 0.15 | 0.001 | 0.9 | 1.6 | 7.4 | 2.0 | 4.0 | 14.7 | 14.4 | 5.5 | 5.5 | 6.5 | 5.9 | 3.0 | 2.5 | 1.5 | 1.8 | 1.0 | 0.7 | 1.7 | 1.2 | 1.4 | 1.2 | 1.5 |
| 3 2220 | 0.16 | 0.002 | 0.9 | 2.8 | 1.1 | 1.1 | 3.8 | 12.3 | 17.5 | 17.4 | 3.6 | 3.6 | 2.2 | 2.9 | 1.8 | 1.0 | 1.9 | 1.0 | 0.8 | 1.4 | 1.5 | 1.0 | 1.9 | 1.3 |
| 4 120 | 0.21 | 0.003 | 0.7 | 1.9 | 3.1 | 1.5 | 0.7 | 12.0 | 11.8 | 9.7 | 9.8 | 8.5 | 5.0 | 6.9 | 3.6 | 1.9 | 1.4 | 2.5 | 1.3 | 1.2 | 1.2 | 0.8 | 1.5 | 1.2 |
| 4 1020 | 0.15 | 0.001 | 1.3 | 5.9 | 5.1 | 3.6 | 5.4 | 13.4 | 7.3 | 3.9 | 3.8 | 1.5 | 2.2 | 2.2 | 1.8 | 3.2 | 2.9 | 1.4 | 1.9 | 1.1 | 1.9 | 1.4 | 2.5 | 2.3 |
| 4 1320 | 0.16 | 0.002 | 0.8 | 5.2 | 12.8 | 2.6 | 3.9 | 9.4 | 6.1 | 11.7 | 6.8 | 2.8 | 1.1 | 1.9 | 1.0 | 1.2 | 1.2 | 0.8 | 2.0 | 1.8 | 1.1 | 0.9 | 0.9 | 1.3 |
| 4 1620 | 0.20 | 0.003 | 0.8 | 4.9 | 7.7 | 2.2 | 2.3 | 6.4 | 7.3 | 6.4 | 1.2 | 2.2 | 1.3 | 1.6 | 0.8 | 0.6 | 0.8 | 0.5 | 0.9 | 0.7 | 0.9 | 1.4 | 1.1 | 2.5 |
| 4 2220 | 0.15 | 0.001 | 1.5 | 6.7 | 3.9 | 1.7 | 1.7 | 7.3 | 5.5 | 2.1 | 3.0 | 2.1 | 2.0 | 1.7 | 2.4 | 1.9 | 1.8 | 1.8 | 1.0 | 1.0 | 2.3 | 3.4 | 1.4 | 2.8 |
| 5 120 | 0.16 | 0.001 | 1.0 | 5.1 | 4.2 | 4.0 | 1.8 | 3.9 | 10.0 | 6.6 | 5.3 | 2.7 | 2.0 | 1.6 | 1.8 | 1.0 | 1.9 | 1.2 | 1.3 | 1.9 | 1.3 | 2.2 | 2.2 | 1.9 |
| 5 420 | 0.17 | 0.002 | 0.9 | 9.4 | 6.4 | 4.2 | 1.9 | 3.3 | 7.2 | 7.8 | 4.7 | 3.4 | 2.2 | 1.6 | 1.7 | 2.0 | 2.0 | 3.6 | 1.5 | 1.7 | 1.7 | 1.1 | 3.8 | 2.0 |
| 5 1020 | 0.13 | 0.001 | 0.9 | 11.1 | 3.9 | 2.0 | 2.9 | 7.1 | 2.9 | 3.2 | 1.8 | 1.6 | 1.3 | 2.5 | 1.8 | 2.3 | 1.8 | 1.8 | 2.3 | 1.5 | 1.4 | 2.9 | 2.5 | 2.6 |
| 5 1320 | 0.16 | 0.002 | 1.1 | 9.7 | 11.7 | 3.4 | 2.4 | 3.4 | 4.2 | 2.3 | 1.7 | 1.9 | 1.8 | 0.6 | 1.0 | 0.7 | 1.0 | 0.9 | 1.2 | 1.5 | 1.5 | 1.4 | 0.7 | 2.0 |
| 5 1620 | 0.15 | 0.001 | 1.9 | 7.7 | 18.2 | 5.2 | 5.7 | 2.8 | 3.0 | 3.3 | 2.5 | 4.0 | 2.1 | 1.5 | 1.4 | 1.6 | 1.4 | 2.0 | 1.5 | 1.4 | 2.4 | 2.7 | 3.1 | 2.0 |
| 5 1920 | 0.16 | 0.002 | 1.3 | 15.1 | 5.2 | 1.6 | 0.8 | 1.5 | 2.7 | 1.8 | 2.5 | 1.9 | 2.3 | 1.9 | 0.9 | 2.1 | 2.0 | 1.4 | 2.2 | 1.3 | 1.4 | 2.9 | 2.6 | 2.3 |
| 5 2220 | 0.16 | 0.002 | 1.6 | 15.2 | 7.4 | 0.8 | 1.6 | 1.9 | 1.5 | 1.4 | 1.1 | 1.3 | 2.0 | 0.9 | 1.5 | 0.9 | 1.3 | 1.3 | 2.2 | 1.0 | 0.8 | 1.0 | 2.3 | 2.0 |
| 6 120 | 0.16 | 0.002 | 1.0 | 8.5 | 8.8 | 2.6 | 1.0 | 2.5 | 1.6 | 1.8 | 1.3 | 0.8 | 1.2 | 2.0 | 1.3 | 1.1 | 1.4 | 2.4 | 0.9 | 1.9 | 0.9 | 2.1 | 2.0 | 2.0 |
| 6 420 | 0.15 | 0.001 | 2.1 | 19.0 | 9.6 | 2.9 | 1.0 | 1.7 | 1.3 | 2.1 | 2.2 | 2.5 | 1.3 | 2.2 | 1.7 | 1.6 | 1.6 | 1.3 | 1.3 | 2.0 | 3.0 | 1.3 | 2.9 | 2.1 |
| 6 720 | 0.19 | 0.002 | 1.3 | 11.1 | 3.8 | 1.6 | 0.8 | 0.7 | 0.8 | 0.6 | 0.8 | 0.7 | 1.1 | 1.1 | 0.7 | 0.7 | 0.7 | 0.8 | 0.5 | 1.5 | 1.2 | 1.1 | 2.1 | 2.1 |
| 6 1020 | 0.21 | 0.003 | 0.8 | 7.0 | 1.7 | 0.6 | 0.4 | 0.3 | 0.8 | 0.7 | 0.4 | 0.5 | 0.6 | 0.7 | 0.6 | 0.4 | 0.5 | 0.5 | 1.0 | 1.0 | 1.8 | 2.0 | 2.5 | 4.1 |
| 6 1320 | 0.16 | 0.002 | 1.4 | 5.7 | 6.5 | 1.2 | 0.9 | 0.9 | 2.3 | 1.5 | 1.5 | 1.2 | 1.2 | 0.9 | 1.1 | 1.1 | 0.6 | 1.5 | 0.8 | 1.6 | 0.7 | 1.2 | 1.7 | 1.8 |
| 6 1620 | 0.16 | 0.002 | 0.7 | 18.2 | 19.4 | 2.5 | 0.5 | 1.2 | 0.8 | 1.1 | 1.4 | 0.9 | 1.1 | 1.0 | 0.9 | 1.4 | 1.1 | 0.9 | 1.6 | 1.4 | 1.6 | 1.6 | 2.0 | 2.1 |
| 6 1920 | 0.20 | 0.003 | 0.6 | 7.5 | 4.1 | 1.6 | 0.3 | 0.7 | 0.6 | 0.4 | 0.5 | 1.1 | 0.9 | 0.9 | 0.9 | 1.4 | 1.8 | 1.4 | 0.8 | 1.7 | 1.5 | 4.2 | 3.0 | 5.1 |
| 6 2220 | 0.17 | 0.002 | 1.0 | 3.3 | 7.1 | 1.6 | 0.9 | 0.6 | 0.7 | 0.9 | 0.8 | 0.7 | 0.9 | 0.8 | 1.2 | 1.1 | 0.8 | 1.4 | 0.6 | 0.7 | 0.9 | 1.3 | 1.6 | 1.3 |

KODIAK, ALASKA GAGE C12: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 120 | 0.14 | 0.001 | 1.2 | 6.6 | 21.4 | 1.4 | 1.0 | 1.2 | 1.3 | 1.3 | 1.2 | 1.3 | 1.7 | 2.4 | 1.6 | 0.8 | 2.2 | 1.5 | 1.4 | 3.2 | 1.9 | 1.8 | 2.6 | 2.8 |
| 7 720 | 0.13 | 0.001 | 1.7 | 7.1 | 29.8 | 5.3 | 0.8 | 3.6 | 2.0 | 1.7 | 2.8 | 2.8 | 2.3 | 1.6 | 1.6 | 1.9 | 3.3 | 1.2 | 1.3 | 0.9 | 1.3 | 1.5 | 1.4 | 1.6 |
| 7 1320 | 0.15 | 0.001 | 1.0 | 8.4 | 23.8 | 1.4 | 0.7 | 0.9 | 0.9 | 0.9 | 1.7 | 0.9 | 1.2 | 0.6 | 0.6 | 0.6 | 1.1 | 1.1 | 1.0 | 0.8 | 1.0 | 1.6 | 1.2 | 1.6 |
| 7 1620 | 0.14 | 0.001 | 1.3 | 2.2 | 19.0 | 1.3 | 1.0 | 0.6 | 0.7 | 1.2 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 1.1 | 0.9 | 0.8 | 1.5 | 1.0 | 1.1 | 1.1 | 1.7 | 3.0 |
| 8 120 | 0.15 | 0.001 | 1.3 | 2.5 | 9.7 | 0.8 | 0.4 | 0.6 | 0.7 | 1.1 | 0.7 | 0.7 | 1.0 | 1.1 | 1.7 | 1.4 | 1.4 | 2.0 | 1.2 | 1.7 | 2.5 | 2.7 | 4.2 | 6.3 |
| 8 420 | 0.15 | 0.001 | 1.2 | 7.2 | 10.2 | 1.0 | 0.7 | 0.8 | 0.7 | 1.0 | 1.2 | 1.5 | 1.5 | 1.5 | 1.2 | 1.0 | 1.7 | 1.8 | 3.1 | 4.7 | 6.1 | 4.7 | 6.9 | 4.5 |
| 8 1320 | 0.16 | 0.002 | 1.2 | 2.0 | 11.4 | 1.0 | 0.5 | 0.6 | 1.0 | 1.4 | 1.0 | 1.1 | 1.6 | 1.1 | 0.4 | 1.2 | 1.1 | 0.5 | 1.4 | 1.5 | 1.1 | 1.5 | 2.8 | 1.4 |
| 8 1920 | 0.25 | 0.004 | 0.7 | 1.5 | 3.7 | 0.6 | 0.4 | 0.3 | 0.3 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.7 | 1.1 | 2.2 | 3.5 | 7.0 | 6.2 | 8.7 | 8.9 |
| 8 2220 | 0.27 | 0.005 | 0.6 | 0.9 | 1.5 | 0.2 | 0.1 | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.5 | 1.1 | 1.5 | 2.8 | 8.9 | 10.3 | 18.9 |
| 18 1920 | 0.17 | 0.002 | 0.7 | 0.7 | 8.1 | 1.7 | 15.0 | 7.0 | 5.2 | 6.3 | 6.3 | 8.3 | 3.0 | 4.5 | 2.7 | 2.1 | 1.9 | 1.3 | 1.5 | 1.7 | 1.0 | 1.6 | 1.6 | 1.3 |
| 18 2220 | 0.17 | 0.002 | 0.6 | 0.6 | 8.4 | 4.2 | 3.3 | 8.9 | 8.9 | 5.8 | 4.8 | 4.8 | 5.0 | 2.0 | 4.9 | 2.4 | 2.3 | 2.4 | 2.0 | 1.7 | 2.7 | 2.9 | 4.1 | 1.1 |
| 19 120 | 0.23 | 0.003 | 0.4 | 0.3 | 3.6 | 1.9 | 2.3 | 13.9 | 12.1 | 9.3 | 7.0 | 4.4 | 5.6 | 2.6 | 7.0 | 2.2 | 4.3 | 3.0 | 1.7 | 2.5 | 1.1 | 2.4 | 2.5 | 1.2 |
| 19 1020 | 0.20 | 0.003 | 0.6 | 0.8 | 3.6 | 1.7 | 1.8 | 6.5 | 5.8 | 4.9 | 3.8 | 1.7 | 2.6 | 2.1 | 2.5 | 3.8 | 1.3 | 2.3 | 2.4 | 3.3 | 2.6 | 3.0 | 5.0 | 3.0 |
| 19 1620 | 0.22 | 0.003 | 1.7 | 0.6 | 7.3 | 1.5 | 2.7 | 3.4 | 7.9 | 10.3 | 6.1 | 2.5 | 2.2 | 2.2 | 2.2 | 1.0 | 2.2 | 3.9 | 2.4 | 1.8 | 1.8 | 3.0 | 3.2 | 3.4 |
| 19 2220 | 0.18 | 0.002 | 0.5 | 0.4 | 3.4 | 1.4 | 1.3 | 2.0 | 5.5 | 8.1 | 7.0 | 5.7 | 3.4 | 1.2 | 1.8 | 2.1 | 1.7 | 2.3 | 2.4 | 3.5 | 2.2 | 2.8 | 2.2 | 3.4 |
| 20 420 | 0.20 | 0.003 | 0.5 | 0.8 | 6.0 | 1.4 | 1.2 | 2.4 | 3.1 | 3.8 | 8.2 | 4.1 | 3.4 | 1.9 | 1.5 | 1.1 | 2.9 | 2.6 | 2.4 | 6.9 | 3.6 | 3.7 | 2.3 | 2.9 |
| 20 720 | 0.18 | 0.002 | 1.0 | 0.6 | 3.9 | 1.3 | 1.8 | 3.2 | 2.6 | 5.6 | 4.8 | 5.3 | 4.5 | 4.7 | 3.7 | 2.7 | 1.8 | 2.8 | 5.3 | 2.0 | 2.3 | 2.2 | 3.2 | 3.5 |
| 20 1020 | 0.17 | 0.002 | 0.8 | 2.5 | 10.8 | 1.2 | 1.6 | 2.5 | 3.4 | 4.4 | 5.8 | 1.8 | 1.6 | 2.1 | 3.1 | 2.1 | 3.5 | 3.4 | 4.5 | 3.4 | 3.7 | 2.7 | 2.2 | 3.2 |
| 20 1320 | 0.17 | 0.002 | 0.7 | 1.7 | 4.1 | 2.2 | 1.2 | 1.6 | 5.6 | 4.1 | 8.9 | 3.3 | 5.0 | 1.7 | 1.4 | 2.0 | 2.3 | 4.7 | 2.3 | 4.4 | 3.2 | 2.5 | 2.5 | 3.0 |
| 20 1620 | 0.19 | 0.002 | 0.6 | 0.4 | 4.1 | 1.7 | 2.5 | 3.3 | 4.0 | 4.8 | 8.8 | 4.0 | 2.4 | 2.6 | 3.8 | 2.3 | 2.3 | 3.2 | 4.8 | 2.9 | 3.5 | 3.6 | 3.2 | 2.1 |
| 20 1920 | 0.17 | 0.002 | 0.6 | 1.9 | 5.9 | 1.5 | 2.3 | 1.3 | 2.0 | 2.8 | 6.9 | 9.3 | 4.9 | 3.7 | 2.2 | 2.8 | 2.9 | 2.7 | 2.9 | 3.7 | 2.0 | 1.7 | 2.3 | 1.4 |
| 20 2220 | 0.17 | 0.002 | 0.8 | 0.9 | 3.8 | 1.1 | 1.6 | 1.4 | 1.5 | 4.6 | 2.6 | 4.6 | 4.5 | 2.8 | 3.4 | 2.3 | 3.2 | 3.0 | 1.7 | 2.6 | 2.5 | 3.1 | 4.2 | 4.2 |
| 21 120 | 0.18 | 0.002 | 0.6 | 0.9 | 6.2 | 1.1 | 1.1 | 1.7 | 2.3 | 3.8 | 5.3 | 4.9 | 3.6 | 1.5 | 2.7 | 2.8 | 3.2 | 1.9 | 3.8 | 2.9 | 3.2 | 2.9 | 3.0 | 3.8 |
| 21 720 | 0.19 | 0.002 | 0.8 | 0.9 | 4.3 | 1.5 | 0.9 | 2.0 | 2.3 | 2.7 | 6.3 | 6.1 | 4.4 | 3.7 | 4.0 | 3.7 | 3.6 | 1.5 | 2.8 | 2.1 | 2.4 | 3.5 | 4.1 | 3.4 |
| 21 1020 | 0.18 | 0.002 | 1.0 | 1.1 | 4.3 | 1.6 | 1.3 | 1.2 | 2.3 | 2.0 | 2.9 | 3.2 | 1.3 | 1.9 | 4.4 | 4.6 | 1.1 | 3.1 | 2.9 | 3.0 | 3.5 | 3.9 | 2.9 | 2.9 |
| 21 1320 | 0.17 | 0.002 | 0.6 | 0.5 | 7.0 | 3.0 | 0.9 | 1.6 | 2.3 | 3.6 | 3.2 | 3.1 | 2.7 | 3.3 | 2.4 | 2.4 | 3.5 | 3.1 | 5.4 | 1.6 | 2.0 | 3.0 | 4.2 | 3.3 |
| 21 1620 | 0.20 | 0.002 | 0.9 | 0.6 | 5.5 | 1.8 | 1.1 | 1.3 | 2.7 | 3.1 | 4.8 | 2.9 | 3.0 | 3.9 | 5.4 | 3.1 | 5.1 | 2.5 | 3.4 | 2.9 | 2.9 | 1.9 | 1.5 | 3.4 |
| 21 1920 | 0.18 | 0.002 | 0.8 | 1.3 | 8.9 | 2.1 | 1.1 | 1.2 | 1.1 | 3.3 | 4.6 | 3.1 | 3.4 | 2.4 | 3.1 | 2.7 | 4.1 | 2.0 | 3.3 | 2.5 | 5.1 | 2.2 | 4.5 | 3.8 |
| 21 2220 | 0.28 | 0.005 | 0.4 | 0.2 | 2.1 | 0.3 | 0.5 | 0.3 | 0.3 | 0.4 | 0.7 | 1.5 | 1.0 | 1.6 | 1.4 | 2.9 | 2.9 | 4.5 | 6.3 | 4.5 | 13.5 | 13.0 | 8.3 | 4.1 |
| 22 1320 | 0.26 | 0.004 | 0.3 | 0.3 | 2.9 | 0.5 | 0.4 | 0.8 | 0.6 | 0.8 | 1.4 | 4.6 | 3.4 | 2.8 | 3.5 | 5.2 | 2.7 | 6.4 | 4.1 | 8.9 | 6.0 | 5.6 | 5.3 | 4.4 |
| 22 1620 | 0.26 | 0.005 | 0.2 | 0.3 | 1.2 | 0.8 | 0.6 | 1.5 | 3.8 | 5.4 | 5.9 | 8.8 | 6.5 | 5.1 | 5.1 | 5.2 | 4.9 | 3.9 | 5.5 | 5.4 | 3.2 | 3.4 | 4.2 | 2.7 |
| 22 1920 | 0.38 | 0.009 | 0.1 | 0.2 | 1.1 | 0.6 | 1.0 | 1.8 | 5.2 | 11.0 | 9.8 | 10.4 | 12.9 | 8.4 | 4.2 | 3.8 | 3.0 | 4.7 | 1.3 | 4.0 | 1.3 | 1.7 | 2.3 | 1.6 |
| 22 2220 | 0.42 | 0.011 | 0.1 | 0.1 | 0.7 | 0.2 | 0.4 | 2.5 | 7.1 | 13.2 | 23.3 | 7.1 | 6.7 | 5.8 | 5.3 | 2.7 | 2.0 | 2.7 | 4.0 | 2.7 | 2.3 | 1.2 | 1.4 | 1.1 |
| 23 120 | 0.50 | 0.015 | 0.1 | 0.1 | 1.1 | 0.2 | 2.0 | 9.5 | 17.7 | 13.8 | 7.8 | 10.9 | 3.5 | 6.2 | 4.7 | 1.9 | 2.4 | 2.9 | 1.9 | 2.6 | 2.0 | 1.4 | 1.1 | 1.2 |
| 23 420 | 0.57 | 0.020 | 0.1 | 0.1 | 0.5 | 0.5 | 1.8 | 28.1 | 21.0 | 9.4 | 5.1 | 5.7 | 2.9 | 3.7 | 2.3 | 2.7 | 2.2 | 2.5 | 0.6 | 1.0 | 1.2 | 1.0 | 0.6 | 1.1 |
| 23 720 | 0.59 | 0.022 | 0.1 | 0.1 | 0.4 | 0.1 | 1.4 | 30.0 | 18.7 | 8.5 | 8.0 | 5.7 | 3.2 | 3.1 | 2.8 | 2.1 | 1.3 | 2.0 | 1.5 | 2.0 | 1.4 | 1.2 | 1.1 | 0.6 |
| 23 1020 | 0.50 | 0.015 | 0.1 | 0.1 | 0.9 | 0.2 | 2.3 | 33.1 | 20.9 | 9.3 | 3.8 | 3.9 | 3.7 | 1.9 | 2.0 | 1.8 | 1.6 | 1.2 | 0.8 | 0.7 | 0.5 | 0.7 | 0.6 | 0.5 |
| 23 1320 | 0.45 | 0.013 | 0.2 | 0.1 | 0.9 | 0.3 | 0.7 | 35.6 | 18.7 | 7.9 | 2.8 | 3.5 | 3.6 | 1.8 | 5.2 | 2.5 | 1.7 | 1.4 | 1.1 | 1.7 | 1.2 | 0.8 | 0.8 | 0.9 |
| 23 1620 | 0.43 | 0.011 | 0.3 | 0.2 | 1.0 | 0.4 | 0.5 | 14.9 | 20.8 | 14.4 | 6.1 | 6.2 | 3.9 | 3.0 | 4.0 | 4.8 | 2.9 | 1.3 | 2.3 | 1.4 | 1.0 | 1.4 | 0.9 | 0.8 |
| 23 2220 | 0.33 | 0.007 | 0.3 | 0.2 | 1.5 | 0.4 | 2.6 | 9.0 | 24.5 | 14.3 | 5.5 | 5.6 | 4.3 | 2.5 | 6.1 | 2.5 | 2.5 | 1.7 | 1.6 | 1.5 | 0.8 | 0.7 | 0.8 | 0.9 |
| 24 120 | 0.27 | 0.005 | 0.4 | 0.4 | 1.4 | 0.3 | 1.0 | 15.8 | 18.4 | 5.7 | 7.6 | 3.5 | 4.0 | 4.7 | 2.4 | 5.1 | 2.0 | 1.8 | 1.5 | 1.7 | 0.9 | 1.1 | 1.0 | 1.0 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 720 | 0.33 | 0.007 | 0.3 | 0.2 | 2.7 | 0.9 | 0.7 | 16.2 | 18.3 | 17.7 | 7.9 | 3.8 | 2.6 | 1.3 | 2.1 | 1.2 | 1.3 | 2.5 | 1.8 | 1.5 | 1.0 | 1.1 | 1.1 | 1.4 |
| 24 1020 | 0.27 | 0.005 | 0.4 | 0.7 | 1.5 | 0.9 | 0.6 | 16.8 | 13.8 | 16.5 | 6.9 | 4.0 | 4.5 | 2.7 | 3.9 | 1.6 | 2.4 | 1.2 | 2.0 | 0.8 | 1.5 | 1.5 | 1.6 | 2.2 |
| 24 1320 | 0.23 | 0.003 | 0.9 | 0.2 | 1.5 | 0.5 | 1.8 | 12.5 | 25.3 | 7.9 | 4.7 | 4.3 | 4.1 | 2.5 | 4.1 | 3.1 | 2.6 | 1.5 | 1.5 | 1.6 | 1.3 | 1.0 | 1.7 | 0.7 |
| 24 1620 | 0.21 | 0.003 | 0.4 | 0.7 | 1.9 | 0.5 | 0.3 | 4.9 | 36.2 | 12.2 | 5.9 | 5.5 | 2.6 | 2.9 | 2.2 | 1.8 | 1.6 | 1.9 | 1.7 | 1.2 | 0.7 | 1.3 | 1.3 | 1.3 |
| 24 1920 | 0.26 | 0.004 | 0.2 | 0.8 | 1.0 | 0.6 | 0.3 | 3.1 | 15.0 | 19.7 | 12.2 | 11.5 | 6.7 | 4.3 | 1.4 | 1.9 | 2.6 | 1.6 | 1.5 | 0.6 | 1.5 | 2.3 | 1.0 | 1.0 |
| 24 2220 | 0.27 | 0.005 | 0.5 | 0.7 | 1.9 | 0.7 | 0.6 | 3.4 | 16.0 | 10.8 | 10.2 | 8.5 | 7.7 | 3.6 | 2.7 | 1.7 | 2.2 | 1.8 | 1.1 | 1.5 | 1.9 | 2.0 | 3.0 | 2.1 |
| 25 420 | 0.20 | 0.003 | 0.4 | 1.0 | 1.6 | 1.1 | 0.6 | 1.3 | 10.7 | 21.0 | 7.7 | 3.0 | 3.3 | 1.8 | 1.6 | 2.0 | 2.0 | 1.9 | 2.1 | 2.6 | 2.4 | 1.9 | 2.8 | 1.9 |
| 25 1620 | 0.17 | 0.002 | 0.5 | 1.7 | 3.2 | 1.8 | 0.4 | 0.9 | 6.8 | 15.0 | 6.6 | 4.6 | 2.3 | 3.9 | 2.4 | 2.3 | 3.2 | 2.6 | 2.1 | 1.5 | 3.5 | 2.2 | 2.1 | 1.7 |
| 26 1620 | 0.16 | 0.002 | 0.8 | 2.3 | 10.6 | 1.1 | 1.2 | 1.1 | 2.0 | 4.3 | 3.3 | 2.4 | 3.8 | 1.4 | 3.5 | 2.1 | 1.8 | 2.4 | 1.7 | 2.1 | 1.7 | 4.4 | 4.3 | 3.6 |
| 27 1620 | 0.17 | 0.002 | 0.8 | 2.6 | 10.8 | 1.3 | 1.0 | 0.9 | 1.5 | 1.5 | 1.8 | 3.2 | 3.2 | 3.8 | 2.5 | 4.2 | 2.7 | 2.2 | 4.5 | 2.9 | 3.1 | 2.3 | 4.2 | 3.8 |
| 27 1920 | 0.14 | 0.001 | 1.3 | 1.3 | 9.5 | 1.9 | 1.6 | 1.8 | 1.2 | 2.8 | 3.1 | 3.2 | 4.4 | 12.2 | 9.1 | 3.0 | 3.0 | 3.0 | 2.3 | 3.4 | 2.5 | 1.8 | 2.2 | 2.2 |
| 27 2220 | 0.17 | 0.002 | 1.3 | 0.3 | 9.2 | 0.9 | 1.3 | 1.5 | 1.7 | 3.6 | 8.9 | 6.5 | 3.9 | 6.9 | 4.5 | 6.8 | 5.1 | 3.4 | 2.5 | 3.4 | 3.0 | 1.7 | 2.7 | 2.0 |
| 28 120 | 0.22 | 0.003 | 0.6 | 0.5 | 10.7 | 1.0 | 0.6 | 1.2 | 3.0 | 9.0 | 13.6 | 6.9 | 6.6 | 7.6 | 5.6 | 5.9 | 2.7 | 1.7 | 2.7 | 1.1 | 0.8 | 1.1 | 1.1 | 1.5 |
| 28 420 | 0.23 | 0.003 | 0.5 | 0.4 | 7.0 | 0.4 | 0.6 | 2.9 | 4.6 | 24.9 | 8.7 | 14.3 | 10.9 | 5.4 | 2.0 | 2.2 | 2.0 | 1.6 | 1.3 | 0.8 | 0.6 | 0.6 | 0.6 | 0.4 |
| 28 720 | 0.32 | 0.006 | 0.2 | 0.4 | 4.1 | 0.5 | 0.5 | 6.1 | 20.6 | 20.2 | 14.5 | 6.2 | 6.6 | 2.6 | 3.8 | 2.1 | 1.5 | 1.4 | 0.7 | 1.0 | 0.5 | 0.4 | 0.5 | 0.4 |
| 28 1020 | 0.53 | 0.017 | 0.1 | 0.1 | 1.9 | 0.2 | 0.8 | 4.9 | 29.7 | 23.3 | 11.3 | 7.3 | 7.2 | 2.2 | 1.7 | 2.2 | 1.5 | 1.4 | 0.4 | 0.5 | 0.5 | 0.3 | 0.4 | 0.3 |
| 28 1320 | 0.36 | 0.008 | 0.3 | 0.7 | 3.7 | 0.5 | 7.2 | 22.5 | 18.3 | 10.6 | 10.3 | 6.1 | 3.2 | 2.9 | 1.9 | 2.2 | 1.1 | 0.7 | 0.9 | 0.5 | 0.8 | 0.3 | 0.8 | 0.6 |
| 28 1620 | 0.29 | 0.005 | 0.2 | 0.2 | 1.5 | 0.3 | 21.0 | 24.8 | 12.2 | 9.4 | 2.7 | 6.1 | 3.8 | 3.0 | 3.0 | 1.0 | 1.4 | 1.3 | 0.9 | 0.6 | 0.6 | 1.1 | 0.8 | 0.5 |
| 28 1920 | 0.38 | 0.009 | 0.3 | 0.2 | 1.5 | 0.4 | 8.5 | 38.0 | 21.9 | 8.6 | 3.1 | 1.4 | 2.6 | 3.2 | 1.6 | 1.3 | 0.7 | 1.0 | 0.6 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 |
| 28 2220 | 0.44 | 0.012 | 0.2 | 0.1 | 1.8 | 0.5 | 6.0 | 38.6 | 14.8 | 6.3 | 7.3 | 2.3 | 3.5 | 4.0 | 3.3 | 1.8 | 1.8 | 0.8 | 1.0 | 0.5 | 0.9 | 0.8 | 0.5 | 0.5 |
| 29 120 | 0.53 | 0.018 | 0.1 | 0.1 | 1.2 | 0.4 | 18.4 | 24.0 | 11.0 | 14.4 | 8.7 | 4.0 | 3.2 | 3.0 | 2.0 | 1.1 | 0.6 | 0.9 | 1.6 | 0.9 | 0.5 | 0.8 | 0.3 | 0.3 |
| 29 420 | 0.33 | 0.007 | 0.2 | 0.3 | 1.2 | 0.5 | 21.0 | 29.9 | 6.9 | 7.1 | 5.3 | 3.8 | 2.9 | 2.4 | 2.9 | 1.3 | 1.8 | 1.0 | 1.2 | 1.0 | 1.8 | 1.0 | 0.7 | 0.4 |
| 29 720 | 0.32 | 0.006 | 0.2 | 0.2 | 2.5 | 0.3 | 10.5 | 40.3 | 15.6 | 5.6 | 4.7 | 3.6 | 2.6 | 2.1 | 1.3 | 1.2 | 1.0 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 0.9 | 0.6 |
| 29 1020 | 0.57 | 0.020 | 0.1 | 0.1 | 0.6 | 0.3 | 5.8 | 36.0 | 30.4 | 9.5 | 2.5 | 2.0 | 1.0 | 2.4 | 1.6 | 1.3 | 1.2 | 0.6 | 0.5 | 0.5 | 0.5 | 0.6 | 0.2 | 0.3 |
| 29 1320 | 0.47 | 0.014 | 0.1 | 0.1 | 2.4 | 0.6 | 5.8 | 35.3 | 23.5 | 9.5 | 4.0 | 3.9 | 1.5 | 2.0 | 1.1 | 1.2 | 1.5 | 1.6 | 0.5 | 0.6 | 0.3 | 0.5 | 0.6 | 0.5 |
| 29 1620 | 0.29 | 0.005 | 0.3 | 0.3 | 2.3 | 2.0 | 16.0 | 20.9 | 9.5 | 14.6 | 7.9 | 3.6 | 3.5 | 2.4 | 0.8 | 1.5 | 1.5 | 0.7 | 1.0 | 0.9 | 1.0 | 0.5 | 0.6 | 0.8 |
| 29 1920 | 0.30 | 0.006 | 0.2 | 0.3 | 0.9 | 1.0 | 39.0 | 29.1 | 6.7 | 3.9 | 2.6 | 0.7 | 1.7 | 1.7 | 0.8 | 1.1 | 0.8 | 0.6 | 0.7 | 0.9 | 0.5 | 0.9 | 0.5 | 0.7 |
| 29 2220 | 0.33 | 0.007 | 0.2 | 0.1 | 1.5 | 1.8 | 10.4 | 22.9 | 21.5 | 10.8 | 2.6 | 3.4 | 2.6 | 2.2 | 1.9 | 2.3 | 1.3 | 1.9 | 1.0 | 0.9 | 1.3 | 1.0 | 1.1 | 0.7 |
| 30 120 | 0.37 | 0.008 | 0.2 | 0.2 | 1.4 | 1.3 | 7.5 | 30.7 | 25.3 | 7.3 | 3.8 | 2.0 | 2.9 | 1.5 | 1.3 | 1.4 | 0.9 | 1.1 | 0.7 | 0.9 | 0.9 | 0.9 | 0.6 | 1.0 |
| 30 420 | 0.35 | 0.008 | 0.2 | 0.3 | 1.1 | 0.6 | 22.9 | 24.5 | 14.8 | 5.2 | 3.3 | 2.8 | 2.0 | 1.8 | 0.9 | 1.2 | 0.7 | 0.8 | 1.5 | 1.3 | 1.7 | 1.7 | 1.5 | 1.1 |
| 30 720 | 0.24 | 0.004 | 0.4 | 0.3 | 1.9 | 1.2 | 16.0 | 30.5 | 12.5 | 8.6 | 4.2 | 3.0 | 3.1 | 2.0 | 1.7 | 1.0 | 1.1 | 0.5 | 1.0 | 0.7 | 1.4 | 1.0 | 0.6 | 0.5 |
| 30 1320 | 0.32 | 0.006 | 0.1 | 0.4 | 1.8 | 2.0 | 4.9 | 44.9 | 10.5 | 6.5 | 7.0 | 4.2 | 4.5 | 2.2 | 1.3 | 1.5 | 0.9 | 0.7 | 0.5 | 0.5 | 0.6 | 0.4 | 0.4 | 0.7 |
| 30 1620 | 0.25 | 0.004 | 0.3 | 0.8 | 1.5 | 0.8 | 14.5 | 29.8 | 15.8 | 11.1 | 3.9 | 2.8 | 1.7 | 1.2 | 0.9 | 1.3 | 0.7 | 1.6 | 1.4 | 0.7 | 0.6 | 0.5 | 0.6 | 0.8 |
| 30 1920 | 0.20 | 0.003 | 0.6 | 0.5 | 1.3 | 1.8 | 3.3 | 36.6 | 12.4 | 5.6 | 6.4 | 3.4 | 2.1 | 2.4 | 1.6 | 1.4 | 1.4 | 1.1 | 1.3 | 1.9 | 1.0 | 1.0 | 0.8 | 1.1 |
| 30 2220 | 0.20 | 0.003 | 0.6 | 0.5 | 3.7 | 3.7 | 1.8 | 25.2 | 23.3 | 7.4 | 2.9 | 4.2 | 2.4 | 2.0 | 2.3 | 1.0 | 1.3 | 1.1 | 0.5 | 0.8 | 1.6 | 0.8 | 1.0 | 0.9 |
| 31 120 | 0.26 | 0.004 | 0.3 | 0.6 | 1.9 | 2.0 | 2.6 | 12.6 | 27.5 | 20.3 | 6.0 | 3.3 | 2.1 | 2.0 | 1.6 | 1.3 | 0.9 | 1.6 | 1.7 | 0.4 | 0.9 | 0.8 | 0.8 | 0.8 |
| 31 420 | 0.21 | 0.003 | 0.5 | 1.1 | 2.8 | 2.1 | 7.0 | 23.6 | 15.8 | 6.6 | 6.7 | 3.4 | 3.9 | 2.1 | 2.1 | 1.2 | 1.1 | 1.6 | 1.2 | 1.1 | 2.0 | 1.3 | 1.3 | 0.6 |
| 31 720 | 0.17 | 0.002 | 0.8 | 1.0 | 3.0 | 1.7 | 8.1 | 15.2 | 24.5 | 5.9 | 1.9 | 2.8 | 1.8 | 2.2 | 2.7 | 1.5 | 1.5 | 1.5 | 1.2 | 1.1 | 1.4 | 1.4 | 1.3 | 1.5 |
| 31 1020 | 0.19 | 0.002 | 0.6 | 1.2 | 3.6 | 2.2 | 3.8 | 26.9 | 22.9 | 8.0 | 3.7 | 2.0 | 1.3 | 1.5 | 1.2 | 1.2 | 0.7 | 0.8 | 1.3 | 1.2 | 0.9 | 1.2 | 1.1 | 1.2 |
| 31 1320 | 0.24 | 0.003 | 0.5 | 1.0 | 3.0 | 1.8 | 3.5 | 12.6 | 24.0 | 13.6 | 8.6 | 3.4 | 3.9 | 3.1 | 1.6 | 0.8 | 1.5 | 1.6 | 1.0 | 2.0 | 1.4 | 1.1 | 0.7 | 0.9 |
| 31 1620 | 0.20 | 0.003 | 0.6 | 2.0 | 4.6 | 1.2 | 16.3 | 22.1 | 15.8 | 7.6 | 2.4 | 1.9 | 1.9 | 1.0 | 1.3 | 1.1 | 1.2 | 0.9 | 1.2 | 1.3 | 0.7 | 1.7 | 1.2 | 0.9 |
| 31 1920 | 0.17 | 0.002 | 0.5 | 0.8 | 1.6 | 1.2 | 10.5 | 27.2 | 23.7 | 5.8 | 2.0 | 2.9 | 1.4 | 1.6 | 1.4 | 1.0 | 1.2 | 0.8 | 0.8 | 0.8 | 0.9 | 1.1 | 1.5 | 1.9 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 2220 | 0.17 | 0.002 | 1.1 | 2.9 | 3.1 | 2.0 | 2.3 | 12.8 | 17.7 | 11.6 | 3.3 | 3.4 | 3.2 | 2.5 | 1.4 | 2.0 | 1.8 | 1.3 | 1.8 | 1.7 | 0.8 | 1.6 | 2.1 | 1.9 |

KODIAK, ALASKA  GAGE C12: INNER BUOY
AUG 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 120 | 0.21 | 0.003 | 0.4 | 2.2 | 2.7 | 2.3 | 1.7 | 4.2 | 14.3 | 17.7 | 10.3 | 3.3 | 2.5 | 1.9 | 1.7 | 2.0 | 1.2 | 1.7 | 1.6 | 2.0 | 2.4 | 1.5 | 1.9 | 3.7 |
| 1 420 | 0.23 | 0.003 | 0.5 | 0.7 | 2.6 | 0.9 | 1.0 | 6.4 | 16.4 | 6.1 | 5.0 | 3.7 | 3.4 | 1.7 | 1.4 | 1.4 | 0.8 | 1.0 | 1.7 | 2.3 | 3.3 | 6.3 | 5.0 | 5.3 |
| 1 720 | 0.18 | 0.002 | 0.8 | 0.6 | 2.0 | 1.3 | 2.5 | 11.4 | 11.2 | 3.4 | 2.0 | 1.9 | 1.3 | 1.0 | 0.8 | 1.0 | 1.6 | 4.0 | 5.7 | 6.7 | 6.1 | 5.8 | 3.3 | 2.5 |
| 1 1020 | 0.19 | 0.002 | 0.6 | 0.9 | 2.4 | 1.8 | 1.5 | 8.3 | 15.7 | 3.6 | 2.4 | 2.2 | 0.5 | 0.7 | 1.0 | 2.4 | 1.7 | 1.8 | 2.9 | 3.7 | 6.7 | 8.9 | 5.0 | 4.5 |
| 1 1320 | 0.21 | 0.003 | 0.3 | 0.8 | 4.5 | 1.5 | 1.0 | 5.6 | 14.8 | 12.6 | 25.5 | 1.5 | 1.4 | 1.0 | 1.1 | 1.3 | 1.4 | 1.0 | 1.2 | 1.4 | 2.8 | 1.5 | 1.4 | 2.0 |
| 1 1620 | 0.19 | 0.002 | 0.6 | 4.2 | 4.6 | 1.8 | 1.7 | 9.3 | 12.1 | 9.3 | 12.4 | 6.4 | 5.1 | 1.4 | 1.7 | 1.1 | 0.9 | 0.7 | 1.2 | 1.3 | 1.5 | 1.7 | 1.8 | 2.2 |
| 1 1920 | 0.14 | 0.001 | 1.1 | 5.7 | 2.9 | 1.1 | 1.1 | 6.0 | 12.7 | 4.0 | 5.1 | 3.8 | 3.6 | 2.4 | 1.5 | 2.3 | 1.3 | 1.3 | 2.4 | 1.3 | 1.1 | 2.0 | 2.9 | 2.8 |
| 1 2220 | 0.15 | 0.001 | 0.7 | 1.9 | 4.5 | 2.4 | 1.2 | 6.3 | 31.4 | 5.3 | 2.2 | 1.4 | 1.9 | 1.4 | 2.3 | 2.1 | 2.0 | 3.1 | 1.5 | 1.8 | 2.3 | 2.5 | 1.5 | 2.1 |
| 2 120 | 0.17 | 0.002 | 0.6 | 1.6 | 2.7 | 2.8 | 1.1 | 2.1 | 8.3 | 16.8 | 11.8 | 2.6 | 2.3 | 1.6 | 1.8 | 4.3 | 3.2 | 2.8 | 2.4 | 2.9 | 2.1 | 1.3 | 2.0 | 1.5 |
| 2 720 | 0.16 | 0.002 | 1.3 | 6.2 | 4.2 | 0.7 | 1.2 | 5.3 | 8.9 | 7.1 | 4.2 | 4.7 | 6.2 | 6.8 | 5.9 | 2.3 | 2.4 | 2.6 | 2.5 | 1.3 | 2.0 | 1.2 | 1.1 | 2.0 |
| 2 1020 | 0.15 | 0.001 | 0.7 | 2.3 | 3.4 | 3.2 | 1.1 | 2.8 | 7.7 | 3.0 | 4.1 | 7.6 | 4.0 | 2.0 | 6.1 | 3.2 | 1.7 | 2.9 | 1.8 | 1.4 | 2.5 | 4.0 | 2.7 | 5.8 |
| 2 1320 | 0.17 | 0.002 | 0.6 | 5.2 | 14.6 | 2.3 | 1.1 | 3.8 | 10.0 | 12.2 | 2.8 | 2.3 | 3.7 | 2.6 | 1.3 | 2.5 | 2.6 | 2.3 | 1.8 | 1.8 | 0.9 | 2.4 | 2.5 | 1.8 |
| 2 1620 | 0.17 | 0.002 | 0.7 | 9.1 | 15.7 | 2.4 | 2.4 | 2.0 | 6.4 | 6.2 | 6.5 | 4.9 | 1.9 | 2.3 | 1.4 | 2.3 | 1.7 | 2.4 | 2.1 | 1.5 | 1.6 | 1.9 | 1.2 | 1.8 |
| 2 1920 | 0.15 | 0.001 | 0.9 | 6.9 | 10.5 | 2.6 | 1.3 | 4.8 | 4.3 | 6.4 | 4.8 | 2.7 | 3.6 | 1.6 | 2.1 | 3.9 | 1.8 | 1.9 | 2.5 | 1.2 | 1.6 | 2.8 | 1.9 | 2.6 |
| 2 2220 | 0.13 | 0.001 | 1.6 | 6.1 | 27.8 | 2.5 | 2.3 | 1.6 | 3.8 | 2.0 | 2.8 | 4.7 | 3.3 | 2.2 | 4.3 | 2.7 | 1.2 | 1.3 | 1.3 | 1.9 | 1.1 | 0.9 | 1.6 | 1.1 |
| 3 120 | 0.17 | 0.002 | 0.9 | 4.1 | 14.3 | 2.1 | 1.8 | 1.7 | 2.0 | 4.8 | 4.1 | 4.1 | 4.2 | 4.2 | 1.8 | 3.3 | 3.1 | 2.5 | 3.0 | 1.6 | 1.7 | 2.5 | 2.7 | 2.7 |
| 3 420 | 0.20 | 0.003 | 0.6 | 3.1 | 8.7 | 2.3 | 1.2 | 1.2 | 2.1 | 2.7 | 2.7 | 3.8 | 0.9 | 4.0 | 2.9 | 3.4 | 2.6 | 3.6 | 4.1 | 1.8 | 2.8 | 2.2 | 3.8 | 3.5 |
| 3 720 | 0.19 | 0.002 | 0.5 | 3.7 | 6.3 | 0.8 | 1.1 | 2.0 | 2.8 | 6.8 | 4.3 | 4.0 | 4.1 | 3.6 | 2.4 | 3.1 | 1.2 | 1.1 | 1.8 | 2.3 | 2.4 | 3.0 | 5.3 | 7.1 |
| 3 1020 | 0.17 | 0.002 | 0.7 | 3.1 | 10.4 | 0.6 | 0.9 | 0.8 | 1.9 | 5.9 | 12.3 | 5.5 | 3.9 | 3.1 | 3.2 | 2.2 | 1.7 | 2.1 | 1.1 | 2.8 | 2.9 | 3.0 | 2.7 | 1.6 |
| 3 1320 | 0.22 | 0.003 | 0.4 | 3.0 | 5.2 | 1.4 | 0.6 | 0.6 | 0.9 | 7.8 | 10.7 | 5.0 | 6.1 | 3.6 | 3.8 | 3.1 | 2.8 | 1.5 | 2.3 | 3.8 | 2.9 | 3.9 | 3.8 | 3.7 |
| 3 1620 | 0.26 | 0.004 | 0.2 | 1.8 | 3.2 | 0.9 | 0.5 | 0.4 | 0.7 | 2.2 | 15.1 | 18.5 | 8.0 | 6.0 | 7.2 | 4.9 | 4.1 | 1.6 | 3.3 | 3.0 | 2.9 | 2.2 | 1.7 | 1.4 |
| 3 1920 | 0.20 | 0.003 | 0.7 | 3.4 | 4.2 | 0.6 | 0.6 | 0.6 | 1.1 | 4.2 | 7.4 | 19.5 | 15.3 | 6.9 | 4.1 | 3.5 | 2.3 | 2.1 | 1.9 | 1.0 | 1.5 | 1.7 | 1.4 | 1.1 |
| 3 2220 | 0.17 | 0.002 | 0.6 | 4.7 | 10.8 | 0.8 | 0.8 | 0.7 | 0.9 | 2.0 | 10.9 | 14.2 | 9.1 | 6.6 | 5.5 | 4.8 | 1.7 | 1.8 | 1.4 | 1.0 | 1.7 | 1.1 | 1.9 | 1.4 |
| 4 120 | 0.17 | 0.002 | 0.6 | 8.7 | 16.8 | 1.3 | 1.1 | 1.2 | 1.2 | 2.2 | 5.9 | 13.5 | 3.6 | 3.0 | 3.2 | 2.1 | 2.4 | 3.1 | 1.6 | 1.7 | 2.8 | 1.5 | 1.5 | 1.7 |
| 4 1020 | 0.16 | 0.002 | 1.8 | 7.2 | 15.0 | 1.2 | 0.8 | 1.2 | 1.5 | 1.7 | 5.3 | 6.5 | 9.9 | 6.3 | 4.1 | 3.3 | 2.1 | 1.0 | 2.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.3 |
| 4 1320 | 0.16 | 0.002 | 1.0 | 5.0 | 23.1 | 2.7 | 0.4 | 1.2 | 1.2 | 1.1 | 3.8 | 7.3 | 5.3 | 4.7 | 4.5 | 3.0 | 1.5 | 1.6 | 2.0 | 1.6 | 2.4 | 2.2 | 1.3 | 1.9 |
| 4 1620 | 0.16 | 0.002 | 1.3 | 10.0 | 15.2 | 2.0 | 1.9 | 1.9 | 1.5 | 3.1 | 6.2 | 3.2 | 5.8 | 4.0 | 4.2 | 2.1 | 2.9 | 2.3 | 1.7 | 1.6 | 1.8 | 2.9 | 1.8 | 1.5 |
| 4 1920 | 0.16 | 0.002 | 0.7 | 5.6 | 11.9 | 0.8 | 1.0 | 1.4 | 0.9 | 2.4 | 4.0 | 4.1 | 6.9 | 4.4 | 4.0 | 2.2 | 3.8 | 2.3 | 2.3 | 2.1 | 1.7 | 3.5 | 3.3 | 2.7 |
| 4 2220 | 0.15 | 0.001 | 1.3 | 7.2 | 9.0 | 1.4 | 0.8 | 0.7 | 1.5 | 2.0 | 1.7 | 3.2 | 4.2 | 3.1 | 2.8 | 1.8 | 2.9 | 2.9 | 2.2 | 2.3 | 2.7 | 1.7 | 2.6 | 4.3 |
| 5 120 | 0.16 | 0.001 | 2.4 | 8.7 | 18.8 | 3.5 | 0.7 | 1.1 | 1.3 | 2.0 | 1.7 | 1.1 | 1.9 | 1.0 | 2.0 | 3.0 | 1.6 | 2.1 | 3.0 | 1.6 | 3.0 | 2.2 | 2.2 | 3.2 |
| 5 720 | 0.16 | 0.002 | 1.0 | 8.7 | 16.3 | 1.7 | 1.0 | 1.2 | 1.4 | 2.6 | 2.3 | 2.1 | 1.5 | 2.7 | 2.0 | 2.3 | 1.3 | 2.5 | 4.1 | 5.1 | 2.8 | 2.8 | 2.1 | 2.3 |
| 5 1020 | 0.13 | 0.001 | 1.4 | 5.6 | 8.3 | 2.1 | 0.8 | 1.3 | 1.7 | 1.5 | 2.1 | 3.3 | 3.0 | 1.9 | 2.4 | 1.6 | 1.9 | 1.5 | 3.3 | 3.4 | 4.3 | 1.9 | 1.9 | 3.8 |
| 5 1320 | 0.13 | 0.001 | 1.4 | 5.7 | 14.3 | 3.5 | 1.5 | 1.6 | 1.0 | 1.4 | 1.9 | 1.4 | 2.8 | 3.1 | 2.2 | 3.0 | 3.8 | 2.9 | 2.3 | 3.0 | 2.1 | 2.9 | 2.9 | 2.8 |
| 5 1620 | 0.14 | 0.001 | 0.8 | 6.8 | 13.7 | 2.1 | 1.1 | 1.2 | 1.2 | 0.9 | 1.1 | 1.8 | 1.6 | 5.3 | 3.5 | 4.0 | 4.2 | 4.2 | 2.6 | 3.2 | 3.0 | 2.1 | 2.3 | 3.4 |
| 5 1920 | 0.13 | 0.001 | 1.4 | 6.3 | 15.3 | 2.5 | 1.0 | 0.6 | 1.2 | 1.3 | 2.6 | 4.7 | 3.0 | 4.2 | 4.0 | 2.3 | 2.5 | 4.5 | 1.4 | 1.6 | 1.5 | 1.9 | 3.0 | 3.5 |
| 6 420 | 0.15 | 0.001 | 1.3 | 5.9 | 8.8 | 3.1 | 1.0 | 1.4 | 3.4 | 4.2 | 1.4 | 3.1 | 7.5 | 3.2 | 1.9 | 0.8 | 2.3 | 1.1 | 1.7 | 2.8 | 2.5 | 2.7 | 4.3 | 2.9 |
| 6 720 | 0.15 | 0.001 | 0.8 | 6.3 | 10.9 | 3.8 | 1.5 | 1.3 | 2.3 | 3.3 | 6.2 | 4.8 | 3.1 | 5.0 | 2.2 | 1.8 | 2.5 | 3.7 | 1.8 | 2.9 | 2.8 | 2.6 | 2.8 | 2.7 |
| 6 1020 | 0.15 | 0.001 | 0.5 | 9.1 | 12.7 | 1.2 | 0.5 | 1.3 | 1.7 | 7.7 | 7.5 | 6.3 | 6.7 | 4.9 | 4.0 | 1.9 | 2.4 | 2.3 | 1.9 | 0.9 | 1.9 | 1.4 | 1.3 | 2.0 |
| 6 1320 | 0.16 | 0.002 | 0.7 | 4.3 | 4.9 | 1.3 | 0.9 | 1.7 | 8.6 | 18.2 | 10.2 | 5.1 | 6.5 | 6.7 | 2.3 | 1.7 | 2.5 | 1.7 | 1.4 | 1.5 | 1.4 | 1.2 | 1.5 | 0.9 |
| 6 1620 | 0.18 | 0.002 | 0.7 | 2.2 | 5.0 | 0.8 | 0.5 | 1.8 | 4.9 | 9.7 | 21.0 | 5.4 | 6.8 | 4.7 | 2.5 | 3.3 | 1.8 | 2.5 | 1.7 | 1.4 | 2.0 | 2.2 | 1.5 | 1.4 |
| 6 1920 | 0.20 | 0.003 | 0.5 | 0.9 | 2.9 | 1.3 | 0.4 | 0.4 | 3.4 | 21.1 | 17.7 | 17.7 | 6.4 | 2.9 | 4.0 | 2.7 | 1.0 | 0.8 | 1.5 | 1.4 | 1.3 | 1.1 | 0.9 | 0.5 |
| 6 2220 | 0.23 | 0.003 | 0.4 | 1.8 | 2.7 | 0.4 | 0.4 | 0.8 | 6.8 | 16.7 | 23.3 | 9.4 | 7.1 | 5.3 | 3.0 | 1.6 | 1.0 | 1.3 | 1.1 | 1.2 | 1.4 | 1.7 | 1.2 | 1.3 |
| 7 120 | 0.18 | 0.002 | 0.5 | 4.8 | 5.6 | 0.9 | 0.3 | 0.8 | 8.5 | 31.1 | 10.1 | 3.7 | 3.2 | 2.0 | 2.1 | 1.8 | 1.4 | 1.8 | 1.2 | 0.9 | 1.5 | 1.0 | 1.6 | 1.1 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
AUG 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 420 | 0.16 | 0.002 | 0.5 | 3.0 | 6.7 | 0.7 | 0.4 | 1.0 | 1.6 | 12.1 | 17.0 | 4.5 | 2.3 | 1.2 | 1.4 | 2.4 | 1.6 | 1.9 | 2.1 | 4.6 | 3.4 | 2.3 | 2.3 | 2.3 |
| 7 720 | 0.17 | 0.002 | 1.1 | 4.7 | 6.4 | 1.8 | 0.9 | 1.0 | 1.8 | 6.0 | 21.1 | 19.6 | 4.3 | 2.0 | 2.3 | 1.8 | 1.9 | 0.9 | 1.3 | 2.2 | 0.5 | 0.9 | 0.8 | 1.3 |
| 7 1020 | 0.16 | 0.002 | 0.6 | 3.9 | 10.5 | 1.5 | 1.5 | 1.8 | 4.2 | 6.1 | 7.2 | 11.5 | 10.0 | 4.2 | 2.4 | 1.6 | 1.2 | 1.0 | 1.5 | 1.3 | 1.2 | 1.5 | 4.0 | 2.0 |
| 8 120 | 0.13 | 0.001 | 1.5 | 9.7 | 9.1 | 2.1 | 1.1 | 5.8 | 5.2 | 3.2 | 2.8 | 2.5 | 2.0 | 4.7 | 2.0 | 2.7 | 2.6 | 1.6 | 1.5 | 2.6 | 2.4 | 2.1 | 2.4 | 2.2 |
| 8 720 | 0.14 | 0.001 | 1.3 | 5.3 | 7.8 | 3.8 | 2.0 | 4.1 | 3.4 | 4.5 | 6.2 | 2.4 | 2.5 | 3.4 | 3.3 | 2.6 | 1.7 | 3.0 | 2.6 | 1.5 | 1.8 | 4.0 | 3.9 | 3.0 |
| 8 1020 | 0.14 | 0.001 | 0.9 | 7.3 | 24.0 | 1.6 | 1.4 | 4.3 | 4.9 | 4.5 | 5.5 | 2.3 | 1.4 | 1.6 | 0.9 | 1.8 | 1.5 | 1.6 | 1.4 | 1.9 | 1.6 | 1.9 | 2.2 | 1.7 |
| 8 1320 | 0.13 | 0.001 | 1.1 | 7.0 | 10.9 | 1.3 | 1.7 | 3.9 | 4.6 | 4.5 | 3.3 | 4.1 | 2.8 | 2.5 | 2.1 | 2.9 | 2.7 | 2.1 | 1.6 | 1.6 | 1.6 | 2.9 | 2.9 | 2.9 |
| 9 120 | 0.15 | 0.001 | 1.3 | 8.0 | 5.5 | 1.5 | 1.2 | 1.0 | 3.4 | 3.4 | 2.8 | 4.7 | 1.9 | 2.1 | 2.3 | 1.9 | 2.7 | 4.4 | 3.5 | 3.0 | 2.5 | 2.5 | 4.5 | 1.6 |
| 9 420 | 0.16 | 0.002 | 1.2 | 3.8 | 7.3 | 1.1 | 0.6 | 1.0 | 2.4 | 1.7 | 2.3 | 0.8 | 1.2 | 1.7 | 2.7 | 8.7 | 4.7 | 5.5 | 6.4 | 9.1 | 5.2 | 4.1 | 4.2 | 3.4 |
| 9 720 | 0.17 | 0.002 | 1.2 | 4.4 | 7.4 | 4.4 | 1.0 | 1.6 | 1.7 | 2.2 | 2.3 | 2.0 | 1.7 | 2.2 | 3.1 | 3.0 | 3.2 | 4.2 | 2.7 | 4.6 | 6.2 | 6.3 | 3.4 | 3.4 |
| 9 1020 | 0.16 | 0.002 | 1.1 | 13.4 | 15.8 | 12.5 | 4.6 | 3.4 | 2.4 | 2.8 | 2.9 | 2.4 | 1.3 | 1.0 | 1.5 | 2.6 | 1.7 | 1.8 | 1.4 | 1.5 | 1.9 | 2.3 | 2.1 | 2.5 |
| 9 1320 | 0.18 | 0.002 | 1.0 | 7.2 | 3.8 | 21.2 | 19.2 | 1.5 | 2.0 | 2.2 | 3.3 | 4.0 | 2.6 | 1.9 | 2.1 | 2.0 | 2.2 | 1.0 | 1.3 | 1.4 | 1.3 | 1.5 | 1.2 | 1.4 |
| 9 1620 | 0.19 | 0.002 | 0.8 | 4.9 | 3.7 | 24.2 | 24.3 | 9.2 | 1.1 | 1.0 | 1.7 | 1.6 | 1.6 | 1.0 | 0.9 | 1.7 | 2.1 | 0.8 | 1.2 | 1.4 | 0.9 | 1.5 | 1.7 | 0.9 |
| 9 1920 | 0.18 | 0.002 | 0.8 | 2.3 | 4.3 | 4.9 | 12.5 | 36.3 | 10.6 | 1.4 | 1.7 | 1.7 | 2.1 | 1.2 | 0.6 | 0.8 | 1.2 | 0.5 | 0.5 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 |
| 9 2220 | 0.20 | 0.002 | 0.9 | 3.3 | 2.9 | 6.0 | 34.6 | 9.3 | 10.2 | 4.7 | 2.3 | 1.7 | 0.9 | 1.8 | 1.4 | 1.2 | 0.5 | 0.6 | 1.3 | 0.6 | 0.9 | 0.9 | 1.0 | 1.5 |
| 10 120 | 0.22 | 0.003 | 0.9 | 2.3 | 2.5 | 7.5 | 23.0 | 7.9 | 4.1 | 3.4 | 1.7 | 2.4 | 1.9 | 1.6 | 1.1 | 0.9 | 1.3 | 1.5 | 1.0 | 1.3 | 1.6 | 1.0 | 0.8 | 1.5 |
| 10 720 | 0.20 | 0.003 | 0.6 | 3.2 | 3.8 | 5.8 | 28.3 | 19.4 | 7.2 | 5.1 | 1.8 | 1.6 | 0.6 | 0.8 | 0.9 | 0.9 | 1.5 | 1.0 | 0.9 | 1.0 | 1.0 | 0.6 | 1.5 | 1.2 |
| 10 1020 | 0.20 | 0.003 | 0.7 | 6.5 | 9.7 | 5.0 | 17.0 | 13.2 | 13.2 | 6.8 | 2.9 | 1.6 | 1.9 | 0.9 | 1.2 | 0.8 | 1.3 | 0.9 | 1.1 | 0.5 | 0.8 | 1.4 | 0.9 | 0.9 |
| 10 1320 | 0.18 | 0.002 | 0.9 | 10.1 | 5.7 | 3.6 | 24.5 | 14.6 | 7.8 | 3.1 | 1.8 | 2.2 | 1.3 | 0.8 | 0.7 | 0.7 | 1.3 | 1.1 | 0.8 | 1.1 | 1.0 | 1.2 | 0.8 | 1.0 |
| 10 1620 | 0.15 | 0.001 | 0.9 | 5.7 | 4.9 | 3.4 | 19.6 | 18.9 | 9.5 | 3.6 | 2.3 | 1.8 | 1.2 | 2.7 | 1.3 | 1.5 | 1.1 | 1.1 | 0.7 | 0.9 | 0.7 | 1.0 | 1.0 | 0.9 |
| 10 1920 | 0.16 | 0.002 | 1.0 | 6.8 | 7.3 | 1.7 | 7.6 | 22.8 | 13.4 | 3.9 | 1.9 | 1.5 | 1.3 | 1.7 | 1.3 | 1.5 | 1.4 | 1.3 | 0.9 | 1.0 | 1.5 | 1.9 | 1.7 | 2.0 |
| 10 2220 | 0.15 | 0.001 | 1.1 | 10.2 | 4.1 | 1.8 | 6.9 | 17.3 | 18.3 | 5.3 | 3.5 | 5.4 | 1.1 | 1.9 | 1.3 | 1.6 | 0.9 | 1.1 | 1.0 | 0.7 | 1.2 | 0.9 | 1.5 | 0.5 |
| 11 120 | 0.17 | 0.002 | 0.6 | 6.3 | 10.9 | 1.7 | 9.8 | 12.6 | 7.6 | 4.0 | 4.1 | 4.0 | 4.3 | 1.3 | 0.9 | 0.9 | 1.1 | 1.6 | 1.7 | 1.7 | 3.8 | 2.0 | 1.7 | 1.7 |
| 11 720 | 0.14 | 0.001 | 1.3 | 13.7 | 8.1 | 3.1 | 7.3 | 5.5 | 11.0 | 4.5 | 0.9 | 2.0 | 1.6 | 1.1 | 1.8 | 1.2 | 2.0 | 1.5 | 1.5 | 3.0 | 1.5 | 2.7 | 2.0 | 1.9 |
| 11 1020 | 0.16 | 0.002 | 1.1 | 13.2 | 8.4 | 5.3 | 8.2 | 10.1 | 8.0 | 6.1 | 1.8 | 2.3 | 1.8 | 2.1 | 1.3 | 1.3 | 1.3 | 1.1 | 1.9 | 1.5 | 1.0 | 1.8 | 0.9 | 2.6 |
| 11 1320 | 0.16 | 0.002 | 0.9 | 19.4 | 13.1 | 2.0 | 11.2 | 13.3 | 4.2 | 3.4 | 3.1 | 1.9 | 1.5 | 1.5 | 0.6 | 1.0 | 0.9 | 0.7 | 1.1 | 0.8 | 1.0 | 1.1 | 1.2 | 0.6 |
| 11 2220 | 0.14 | 0.001 | 1.2 | 20.3 | 9.0 | 4.9 | 2.8 | 9.0 | 2.1 | 2.3 | 2.3 | 2.3 | 0.9 | 2.2 | 1.4 | 1.6 | 1.9 | 1.5 | 2.2 | 1.5 | 1.8 | 1.3 | 1.2 | 2.3 |
| 12 120 | 0.16 | 0.002 | 0.9 | 24.2 | 16.1 | 2.2 | 3.1 | 7.4 | 2.4 | 2.5 | 3.8 | 1.8 | 1.6 | 2.0 | 1.0 | 0.8 | 0.9 | 1.1 | 0.9 | 1.3 | 1.8 | 2.1 | 1.3 | 1.8 |
| 12 420 | 0.13 | 0.001 | 1.3 | 11.9 | 12.3 | 3.1 | 2.4 | 9.3 | 2.1 | 2.7 | 2.8 | 4.2 | 2.5 | 2.3 | 1.7 | 2.1 | 1.6 | 1.8 | 1.4 | 2.3 | 1.9 | 2.1 | 2.0 | 2.5 |
| 12 720 | 0.13 | 0.001 | 1.4 | 23.2 | 10.7 | 1.6 | 1.7 | 5.5 | 3.2 | 1.8 | 2.0 | 1.5 | 1.9 | 1.6 | 2.5 | 1.8 | 1.3 | 1.0 | 1.8 | 1.6 | 2.1 | 1.5 | 1.8 | 2.2 |
| 12 1020 | 0.15 | 0.001 | 1.0 | 16.3 | 18.3 | 1.2 | 2.8 | 6.6 | 5.1 | 2.0 | 2.5 | 2.0 | 1.6 | 1.8 | 0.9 | 0.9 | 0.9 | 2.1 | 1.7 | 1.6 | 1.7 | 2.0 | 1.5 | 2.1 |
| 12 1320 | 0.15 | 0.001 | 1.1 | 17.2 | 22.0 | 1.2 | 2.9 | 4.7 | 3.9 | 1.8 | 3.3 | 1.6 | 0.9 | 1.9 | 1.2 | 1.1 | 1.0 | 1.0 | 1.1 | 1.0 | 1.5 | 1.5 | 1.2 | 1.2 |
| 12 1620 | 0.14 | 0.001 | 1.2 | 9.0 | 6.0 | 0.9 | 2.9 | 3.1 | 1.7 | 2.4 | 2.6 | 1.7 | 0.8 | 1.1 | 1.0 | 0.9 | 1.4 | 1.3 | 1.3 | 1.3 | 1.7 | 2.7 | 1.4 | 1.8 |
| 12 1920 | 0.23 | 0.003 | 0.6 | 1.4 | 3.9 | 0.4 | 0.5 | 0.7 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.6 | 0.5 | 0.7 | 1.1 | 3.5 | 6.6 | 5.9 |
| 12 2220 | 0.14 | 0.001 | 1.8 | 5.7 | 11.7 | 1.8 | 2.0 | 2.9 | 3.2 | 5.0 | 3.7 | 2.8 | 2.1 | 2.7 | 3.0 | 1.1 | 2.2 | 1.6 | 2.2 | 2.2 | 1.5 | 2.0 | 2.1 | 1.6 |
| 13 120 | 0.15 | 0.001 | 4.2 | 10.4 | 15.0 | 1.6 | 1.2 | 3.1 | 2.1 | 2.5 | 5.5 | 3.6 | 1.5 | 1.2 | 2.3 | 2.1 | 2.6 | 2.3 | 1.4 | 2.4 | 2.1 | 1.9 | 3.3 | 1.3 |
| 13 420 | 0.18 | 0.002 | 1.0 | 7.0 | 5.2 | 1.6 | 1.5 | 2.4 | 1.9 | 1.4 | 3.7 | 3.3 | 2.4 | 3.3 | 2.9 | 2.0 | 1.6 | 3.6 | 2.3 | 3.0 | 5.1 | 4.3 | 2.9 | 3.9 |
| 13 1020 | 0.16 | 0.002 | 1.5 | 3.8 | 28.1 | 0.9 | 1.1 | 1.2 | 0.9 | 1.8 | 1.4 | 2.5 | 1.6 | 1.8 | 1.9 | 2.1 | 1.3 | 3.0 | 2.5 | 3.2 | 2.7 | 2.2 | 2.8 | 2.4 |
| 13 1620 | 0.14 | 0.001 | 1.0 | 6.4 | 13.0 | 1.6 | 1.1 | 1.9 | 4.1 | 7.0 | 3.8 | 4.1 | 2.8 | 1.9 | 1.0 | 1.3 | 1.2 | 2.2 | 2.2 | 2.8 | 1.7 | 3.0 | 2.5 | 2.4 |
| 13 1920 | 0.14 | 0.001 | 1.6 | 3.2 | 9.3 | 0.6 | 0.8 | 1.3 | 2.8 | 4.1 | 2.2 | 2.5 | 2.4 | 2.8 | 2.7 | 2.4 | 1.8 | 2.5 | 2.2 | 2.8 | 2.0 | 2.3 | 3.1 | 6.5 |
| 13 2220 | 0.16 | 0.002 | 0.9 | 4.3 | 9.1 | 1.3 | 0.8 | 1.0 | 1.4 | 3.0 | 2.4 | 3.0 | 2.2 | 3.4 | 2.8 | 2.3 | 3.0 | 2.5 | 2.6 | 2.1 | 3.6 | 1.4 | 3.6 | 2.8 |
| 14 120 | 0.18 | 0.002 | 1.1 | 2.3 | 10.0 | 1.2 | 0.7 | 2.1 | 1.3 | 3.6 | 4.6 | 3.5 | 2.2 | 0.7 | 2.1 | 2.7 | 4.2 | 4.5 | 2.6 | 4.1 | 3.0 | 3.4 | 2.7 | 2.1 |

KODIAK,ALASKA GAGE 012: INNER BUOY
AUG 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.392 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 420 | 0.17 | 0.002 | 0.7 | 10.7 | 6.2 | 0.8 | 0.7 | 0.7 | 2.0 | 2.5 | 4.8 | 2.2 | 4.0 | 2.5 | 2.3 | 2.0 | 3.3 | 2.9 | 2.1 | 3.6 | 2.6 | 3.1 | 2.9 | 2.7 |
| 14 720 | 0.15 | 0.001 | 1.3 | 4.6 | 9.8 | 1.2 | 0.6 | 1.1 | 1.0 | 2.4 | 1.9 | 1.6 | 1.3 | 2.9 | 2.7 | 1.4 | 3.9 | 4.9 | 2.9 | 3.3 | 2.7 | 3.1 | 3.3 | 2.0 |
| 14 1020 | 0.15 | 0.001 | 0.8 | 4.9 | 17.2 | 2.9 | 1.3 | 0.8 | 1.7 | 3.8 | 4.2 | 2.3 | 3.1 | 1.5 | 1.3 | 1.6 | 2.6 | 2.9 | 2.3 | 3.0 | 3.2 | 3.2 | 2.1 | 2.7 |
| 14 1320 | 0.17 | 0.002 | 0.8 | 9.8 | 6.8 | 2.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.5 | 2.3 | 2.1 | 2.0 | 2.3 | 1.0 | 3.3 | 2.3 | 2.0 | 3.3 | 3.1 | 5.0 | 4.7 | 2.5 |
| 14 1620 | 0.15 | 0.001 | 1.0 | 18.7 | 5.4 | 1.2 | 1.4 | 2.2 | 1.7 | 1.5 | 2.8 | 2.1 | 1.3 | 2.4 | 1.0 | 1.9 | 1.1 | 1.6 | 1.2 | 2.9 | 3.5 | 3.0 | 3.9 | 2.0 |
| 15 420 | 0.19 | 0.002 | 0.6 | 4.8 | 4.2 | 0.6 | 0.5 | 2.9 | 9.6 | 3.6 | 4.5 | 3.4 | 1.4 | 1.5 | 1.5 | 1.8 | 1.2 | 2.3 | 2.0 | 4.5 | 3.3 | 4.6 | 3.0 | 3.1 |
| 15 1020 | 0.17 | 0.002 | 0.8 | 3.4 | 13.7 | 2.6 | 0.9 | 2.3 | 13.3 | 7.8 | 4.3 | 2.2 | 2.1 | 1.8 | 1.1 | 1.3 | 2.4 | 1.5 | 1.9 | 1.5 | 1.5 | 1.3 | 2.3 | 1.4 |
| 15 1320 | 0.19 | 0.002 | 0.6 | 10.4 | 10.7 | 3.8 | 1.7 | 3.3 | 7.8 | 3.3 | 2.7 | 1.7 | 1.6 | 1.7 | 1.3 | 1.2 | 1.5 | 2.0 | 1.8 | 2.9 | 1.8 | 2.2 | 2.5 | 2.7 |
| 15 1620 | 0.18 | 0.002 | 0.7 | 4.2 | 6.1 | 1.0 | 7.1 | 6.4 | 8.4 | 10.9 | 9.7 | 3.3 | 1.1 | 2.3 | 1.7 | 0.9 | 1.2 | 1.2 | 1.4 | 1.9 | 2.5 | 1.0 | 2.3 | 1.8 |
| 15 1920 | 0.14 | 0.001 | 1.0 | 6.9 | 6.9 | 1.2 | 3.9 | 11.5 | 9.0 | 6.4 | 5.6 | 3.2 | 1.6 | 1.5 | 1.4 | 1.0 | 1.2 | 1.1 | 2.4 | 2.4 | 2.1 | 1.5 | 2.5 | 2.1 |
| 15 2220 | 0.14 | 0.001 | 0.8 | 4.1 | 15.9 | 6.5 | 0.9 | 7.8 | 10.7 | 5.2 | 2.0 | 2.2 | 1.4 | 1.3 | 1.8 | 2.1 | 1.5 | 1.2 | 1.7 | 1.5 | 2.5 | 2.8 | 2.2 | 1.8 |
| 16 720 | 0.16 | 0.002 | 1.0 | 7.9 | 7.1 | 1.9 | 0.7 | 3.6 | 4.2 | 2.5 | 2.1 | 2.2 | 1.9 | 1.4 | 2.4 | 1.7 | 3.5 | 2.2 | 2.0 | 3.6 | 1.7 | 3.7 | 3.7 | 4.5 |
| 16 1020 | 0.16 | 0.001 | 0.6 | 9.9 | 10.6 | 9.7 | 0.5 | 3.9 | 12.5 | 2.3 | 2.0 | 1.4 | 1.4 | 1.6 | 1.7 | 1.5 | 1.5 | 2.1 | 1.8 | 1.7 | 3.1 | 1.9 | 2.0 | 1.5 |
| 16 1320 | 0.17 | 0.002 | 0.9 | 9.0 | 6.6 | 4.8 | 0.7 | 2.1 | 7.2 | 18.4 | 3.3 | 1.5 | 1.2 | 1.5 | 1.8 | 2.5 | 1.5 | 3.0 | 2.4 | 2.0 | 1.4 | 1.0 | 2.2 | 1.9 |
| 16 1620 | 0.17 | 0.002 | 0.7 | 16.3 | 10.5 | 4.3 | 0.7 | 1.1 | 2.7 | 4.4 | 4.4 | 5.2 | 4.3 | 2.1 | 1.6 | 1.0 | 1.6 | 2.0 | 1.8 | 1.5 | 2.3 | 2.0 | 3.4 | 1.7 |
| 17 120 | 0.16 | 0.002 | 1.2 | 10.6 | 9.8 | 11.3 | 1.8 | 1.5 | 3.5 | 3.4 | 1.3 | 1.6 | 1.6 | 2.3 | 3.1 | 1.7 | 2.0 | 3.2 | 3.6 | 1.4 | 2.4 | 2.3 | 3.8 | 3.1 |
| 17 420 | 0.20 | 0.002 | 2.9 | 8.0 | 7.0 | 3.6 | 1.3 | 1.9 | 2.5 | 1.9 | 2.9 | 3.9 | 3.6 | 3.5 | 3.7 | 3.6 | 3.8 | 3.7 | 5.5 | 3.8 | 4.8 | 3.3 | 2.5 | 3.3 |
| 17 720 | 0.18 | 0.002 | 0.7 | 15.5 | 4.9 | 3.9 | 0.8 | 0.9 | 0.8 | 0.8 | 2.3 | 2.3 | 4.7 | 5.1 | 6.0 | 4.0 | 5.7 | 5.9 | 5.2 | 4.2 | 2.7 | 3.6 | 2.3 | 1.0 |
| 17 1020 | 0.16 | 0.002 | 1.1 | 6.6 | 4.0 | 4.7 | 0.9 | 1.1 | 1.0 | 1.0 | 1.7 | 2.9 | 5.3 | 6.5 | 4.2 | 3.6 | 5.5 | 5.0 | 3.1 | 2.8 | 5.6 | 3.2 | 2.0 | 2.7 |
| 17 1320 | 0.16 | 0.002 | 0.9 | 5.9 | 8.1 | 8.5 | 1.0 | 0.9 | 2.9 | 1.3 | 2.0 | 4.5 | 5.4 | 3.7 | 2.4 | 3.5 | 3.3 | 3.0 | 2.6 | 3.2 | 3.2 | 5.0 | 3.5 | 4.3 |
| 17 1620 | 0.16 | 0.002 | 0.8 | 10.5 | 9.7 | 5.3 | 1.8 | 1.3 | 1.7 | 2.4 | 2.3 | 2.7 | 3.9 | 3.8 | 3.5 | 3.4 | 3.5 | 2.1 | 2.1 | 3.5 | 3.7 | 3.4 | 3.0 | 3.3 |
| 17 1920 | 0.17 | 0.002 | 0.7 | 9.6 | 5.8 | 1.3 | 0.4 | 1.0 | 1.1 | 0.9 | 1.6 | 2.3 | 2.0 | 2.4 | 1.8 | 2.1 | 1.8 | 1.7 | 2.8 | 5.0 | 5.0 | 3.7 | 8.5 | 7.1 |
| 17 2220 | 0.19 | 0.002 | 1.2 | 4.0 | 2.8 | 1.9 | 0.7 | 0.5 | 0.8 | 0.6 | 1.4 | 1.4 | 1.9 | 1.6 | 3.2 | 1.9 | 4.4 | 6.9 | 3.3 | 6.3 | 5.2 | 6.8 | 5.4 | 4.1 |
| 18 120 | 0.17 | 0.002 | 1.0 | 4.4 | 4.6 | 3.5 | 1.8 | 0.6 | 0.8 | 2.3 | 1.5 | 1.4 | 4.4 | 1.8 | 3.2 | 3.5 | 2.3 | 3.8 | 4.0 | 5.7 | 4.9 | 3.0 | 5.4 | 6.6 |
| 18 420 | 0.26 | 0.005 | 0.5 | 4.1 | 2.5 | 0.6 | 0.5 | 0.7 | 0.7 | 0.5 | 0.9 | 1.3 | 1.7 | 1.4 | 1.0 | 2.3 | 2.6 | 2.7 | 6.8 | 10.0 | 11.0 | 13.5 | 6.7 | 4.2 |
| 18 1320 | 0.23 | 0.003 | 0.7 | 5.2 | 3.0 | 1.3 | 0.5 | 1.5 | 2.5 | 2.3 | 2.1 | 2.0 | 2.9 | 1.8 | 1.4 | 4.0 | 4.6 | 6.5 | 9.7 | 7.9 | 7.4 | 7.6 | 5.9 | 2.9 |
| 18 1620 | 0.20 | 0.003 | 0.4 | 9.2 | 5.0 | 1.4 | 1.1 | 1.8 | 2.3 | 10.5 | 3.0 | 6.7 | 6.2 | 7.3 | 4.8 | 4.2 | 2.5 | 4.4 | 2.1 | 1.7 | 1.6 | 3.0 | 1.7 | 2.0 |
| 18 1920 | 0.22 | 0.003 | 0.4 | 2.6 | 1.8 | 0.8 | 0.8 | 1.5 | 1.0 | 2.7 | 5.2 | 6.1 | 5.0 | 3.9 | 5.8 | 3.5 | 4.2 | 4.4 | 6.1 | 5.6 | 5.6 | 5.1 | 5.9 | 4.2 |
| 18 2220 | 0.21 | 0.003 | 0.5 | 3.2 | 3.3 | 0.8 | 0.5 | 1.5 | 3.9 | 5.8 | 5.9 | 9.3 | 8.0 | 14.9 | 6.6 | 4.0 | 3.5 | 2.8 | 3.3 | 2.7 | 2.8 | 2.5 | 1.3 | 1.7 |
| 19 120 | 0.29 | 0.005 | 0.3 | 2.6 | 2.7 | 0.7 | 0.7 | 1.7 | 8.2 | 8.9 | 13.1 | 11.4 | 9.2 | 4.9 | 5.8 | 4.2 | 2.4 | 2.3 | 2.8 | 2.3 | 2.1 | 2.1 | 0.9 | 1.6 |
| 19 420 | 0.43 | 0.011 | 0.1 | 0.7 | 1.1 | 0.7 | 4.1 | 15.2 | 28.6 | 8.3 | 11.2 | 8.7 | 2.5 | 4.3 | 2.0 | 1.3 | 1.2 | 1.3 | 1.9 | 0.9 | 1.0 | 0.6 | 0.3 | 0.8 |
| 19 1020 | 0.25 | 0.004 | 0.5 | 1.9 | 2.7 | 8.0 | 11.3 | 15.0 | 15.4 | 11.7 | 5.0 | 3.6 | 2.6 | 1.2 | 0.9 | 0.6 | 0.7 | 0.8 | 0.8 | 0.6 | 0.7 | 0.8 | 1.0 | 1.0 |
| 19 1320 | 0.26 | 0.005 | 0.4 | 1.6 | 1.8 | 4.2 | 17.8 | 23.0 | 21.4 | 9.7 | 1.7 | 2.6 | 2.4 | 1.5 | 1.7 | 0.8 | 0.5 | 0.4 | 0.4 | 0.6 | 0.7 | 0.4 | 0.3 | 0.5 |
| 19 1620 | 0.24 | 0.003 | 0.5 | 1.8 | 2.0 | 2.6 | 10.9 | 10.9 | 15.6 | 9.7 | 10.0 | 9.7 | 6.7 | 2.9 | 1.8 | 1.4 | 1.1 | 0.6 | 0.7 | 0.4 | 0.7 | 0.6 | 0.8 | 0.5 |
| 19 1920 | 0.21 | 0.003 | 0.4 | 9.7 | 2.4 | 2.6 | 9.6 | 14.7 | 10.7 | 9.9 | 6.3 | 6.5 | 4.3 | 1.2 | 2.0 | 1.1 | 1.4 | 0.8 | 1.0 | 1.4 | 0.8 | 0.9 | 1.1 | 0.9 |
| 19 2220 | 0.20 | 0.003 | 0.7 | 12.1 | 3.0 | 6.7 | 16.1 | 12.6 | 5.6 | 7.7 | 5.7 | 2.5 | 3.5 | 1.0 | 1.9 | 1.7 | 1.0 | 0.8 | 1.2 | 0.6 | 0.7 | 1.0 | 0.8 | 1.3 |
| 20 120 | 0.26 | 0.004 | 0.4 | 1.9 | 2.6 | 2.9 | 22.6 | 29.9 | 8.0 | 5.2 | 3.3 | 1.5 | 1.1 | 0.6 | 0.9 | 0.6 | 0.4 | 0.3 | 0.8 | 0.6 | 0.7 | 0.8 | 0.6 | 0.6 |
| 20 720 | 0.27 | 0.005 | 0.3 | 2.4 | 2.0 | 2.4 | 19.2 | 17.2 | 6.8 | 6.6 | 2.7 | 2.2 | 2.5 | 1.6 | 1.3 | 0.7 | 1.2 | 1.1 | 1.0 | 1.6 | 1.6 | 2.9 | 2.5 | 2.1 |
| 20 1020 | 0.21 | 0.003 | 0.5 | 10.5 | 2.1 | 3.4 | 15.6 | 11.8 | 6.9 | 2.1 | 3.8 | 2.3 | 1.4 | 2.1 | 1.4 | 1.7 | 2.1 | 1.7 | 1.0 | 1.9 | 1.8 | 1.5 | 1.3 | 1.6 |
| 20 1320 | 0.20 | 0.003 | 0.6 | 6.9 | 4.6 | 2.7 | 10.5 | 19.8 | 7.6 | 6.2 | 4.9 | 2.2 | 1.2 | 1.2 | 0.9 | 2.3 | 1.1 | 1.3 | 1.5 | 1.0 | 1.2 | 1.5 | 1.8 | 1.6 |
| 20 1620 | 0.20 | 0.002 | 0.6 | 4.5 | 2.9 | 1.8 | 10.4 | 13.6 | 7.7 | 7.6 | 5.0 | 3.1 | 3.6 | 2.0 | 2.1 | 1.4 | 1.7 | 1.6 | 1.9 | 1.2 | 1.2 | 1.8 | 2.6 | 2.1 |
| 20 1920 | 0.21 | 0.003 | 0.4 | 3.4 | 2.1 | 1.4 | 5.3 | 11.4 | 5.9 | 7.6 | 4.7 | 6.2 | 3.8 | 2.8 | 2.5 | 2.0 | 3.3 | 2.6 | 1.5 | 3.6 | 3.7 | 1.5 | 2.3 | 1.7 |
| 20 2220 | 0.17 | 0.002 | 0.7 | 3.8 | 4.5 | 5.3 | 5.2 | 6.2 | 2.9 | 4.2 | 4.3 | 5.2 | 1.9 | 3.7 | 2.8 | 2.6 | 3.0 | 1.8 | 1.9 | 1.7 | 2.5 | 3.6 | 10.1 | 2.5 |

KODIAK, ALASKA  GAGE G12: INNER BUOY
AUG 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 120 | 0.21 | 0.003 | 0.4 | 6.3 | 3.7 | 2.3 | 6.9 | 4.7 | 2.8 | 2.2 | 1.6 | 1.4 | 1.6 | 1.4 | 2.0 | 2.2 | 2.5 | 4.2 | 2.9 | 2.5 | 2.8 | 3.7 | 7.3 | 7.5 |
| 21 420 | 0.27 | 0.004 | 0.3 | 3.3 | 2.9 | 1.2 | 7.0 | 7.1 | 4.1 | 3.8 | 2.8 | 1.5 | 1.4 | 1.7 | 1.1 | 2.6 | 3.0 | 5.4 | 8.7 | 7.9 | 5.5 | 5.4 | 3.4 | 5.1 |
| 21 720 | 0.29 | 0.005 | 0.3 | 2.3 | 2.5 | 1.2 | 7.6 | 15.5 | 2.5 | 1.0 | 2.2 | 2.6 | 2.0 | 3.4 | 2.0 | 2.1 | 2.9 | 4.5 | 7.4 | 7.8 | 3.8 | 4.6 | 5.6 | 2.3 |
| 21 1020 | 0.25 | 0.004 | 0.5 | 1.9 | 4.3 | 1.2 | 3.3 | 10.1 | 4.0 | 1.9 | 2.0 | 1.9 | 2.7 | 3.3 | 4.8 | 5.1 | 5.9 | 7.3 | 7.3 | 3.1 | 5.7 | 3.8 | 2.7 | 2.3 |
| 21 1320 | 0.18 | 0.002 | 0.5 | 3.2 | 3.9 | 2.4 | 4.0 | 9.1 | 4.1 | 4.1 | 2.8 | 5.4 | 3.6 | 3.9 | 3.6 | 4.1 | 4.3 | 4.9 | 5.6 | 2.0 | 2.2 | 1.6 | 2.7 | 3.0 |
| 21 1620 | 0.18 | 0.002 | 0.7 | 4.9 | 10.2 | 1.6 | 4.4 | 5.6 | 6.2 | 7.4 | 8.4 | 6.0 | 5.1 | 3.3 | 3.6 | 2.3 | 2.8 | 1.1 | 2.1 | 2.9 | 1.7 | 1.6 | 1.6 | 0.9 |
| 21 1920 | 0.22 | 0.003 | 0.3 | 1.8 | 4.4 | 0.9 | 1.7 | 4.3 | 5.8 | 3.6 | 12.8 | 6.1 | 6.7 | 4.9 | 4.3 | 6.2 | 2.6 | 1.0 | 1.9 | 1.6 | 1.4 | 1.7 | 4.5 | 2.5 |
| 21 2220 | 0.23 | 0.003 | 0.6 | 0.6 | 3.6 | 0.9 | 1.3 | 3.6 | 5.1 | 4.1 | 4.4 | 4.0 | 8.7 | 4.5 | 4.1 | 5.6 | 9.1 | 4.7 | 3.4 | 4.7 | 2.1 | 3.4 | 2.8 | 3.2 |
| 22 420 | 0.35 | 0.008 | 0.1 | 0.5 | 2.6 | 0.4 | 0.6 | 2.0 | 4.0 | 5.4 | 7.9 | 9.8 | 12.3 | 11.4 | 6.6 | 3.1 | 8.9 | 5.3 | 3.5 | 2.2 | 2.7 | 1.7 | 2.1 | 1.4 |
| 22 720 | 0.35 | 0.008 | 0.1 | 0.4 | 1.6 | 0.6 | 1.1 | 3.0 | 10.7 | 20.7 | 18.3 | 15.0 | 3.1 | 4.2 | 2.3 | 2.8 | 1.7 | 1.9 | 2.4 | 1.5 | 1.7 | 0.6 | 0.8 | 1.2 |
| 22 1020 | 0.28 | 0.005 | 0.1 | 0.5 | 4.8 | 0.5 | 1.4 | 4.9 | 16.2 | 24.7 | 13.7 | 12.1 | 2.7 | 2.1 | 2.3 | 1.8 | 1.1 | 1.6 | 1.0 | 1.3 | 0.8 | 0.8 | 0.3 | 0.4 |
| 22 1320 | 0.24 | 0.004 | 0.5 | 0.4 | 5.3 | 1.0 | 3.6 | 5.3 | 20.1 | 18.7 | 7.9 | 8.2 | 6.1 | 3.3 | 2.1 | 1.4 | 1.4 | 0.9 | 1.0 | 0.9 | 0.5 | 0.8 | 0.8 | 0.5 |
| 22 1620 | 0.22 | 0.003 | 0.5 | 0.4 | 5.3 | 1.7 | 1.9 | 4.1 | 8.1 | 14.8 | 4.7 | 10.2 | 6.0 | 2.2 | 3.9 | 2.8 | 2.4 | 2.0 | 1.8 | 1.5 | 0.6 | 1.5 | 1.0 | 1.1 |
| 22 1920 | 0.19 | 0.002 | 0.8 | 1.1 | 6.7 | 3.9 | 4.7 | 4.5 | 4.4 | 10.4 | 16.7 | 8.3 | 4.7 | 3.6 | 1.9 | 1.5 | 1.5 | 1.3 | 0.6 | 0.9 | 0.5 | 0.8 | 0.9 | 0.8 |
| 22 2220 | 0.22 | 0.003 | 0.6 | 0.7 | 4.1 | 1.2 | 21.6 | 3.5 | 4.4 | 7.0 | 6.9 | 2.9 | 3.5 | 2.5 | 2.0 | 1.3 | 0.6 | 0.7 | 0.5 | 1.0 | 0.8 | 0.4 | 1.0 | 2.9 |
| 23 120 | 0.25 | 0.004 | 0.4 | 0.6 | 2.5 | 1.3 | 11.0 | 3.2 | 1.3 | 2.9 | 2.3 | 1.8 | 2.2 | 1.7 | 1.8 | 1.0 | 1.3 | 0.9 | 1.2 | 1.3 | 1.9 | 2.6 | 3.2 | 2.9 |
| 23 420 | 0.21 | 0.003 | 0.7 | 1.1 | 7.3 | 0.8 | 12.4 | 8.3 | 3.9 | 1.9 | 2.6 | 3.3 | 1.8 | 3.6 | 3.7 | 8.6 | 2.9 | 2.6 | 2.6 | 2.3 | 1.9 | 1.9 | 1.1 | 2.2 |
| 23 1020 | 0.22 | 0.003 | 0.5 | 2.1 | 6.3 | 1.0 | 6.6 | 8.0 | 10.9 | 6.3 | 3.6 | 4.3 | 4.5 | 3.6 | 3.9 | 2.3 | 4.3 | 2.4 | 2.7 | 2.5 | 1.7 | 2.0 | 1.5 | 1.4 |
| 23 1320 | 0.17 | 0.002 | 0.8 | 2.3 | 4.2 | 1.0 | 4.2 | 9.2 | 7.3 | 4.6 | 5.1 | 4.7 | 2.8 | 2.4 | 4.0 | 4.2 | 2.7 | 1.9 | 2.0 | 3.0 | 1.5 | 1.1 | 1.9 | 1.6 |
| 23 1620 | 0.16 | 0.002 | 0.9 | 4.3 | 9.2 | 0.9 | 1.6 | 4.2 | 5.0 | 6.2 | 3.5 | 2.3 | 3.8 | 3.8 | 3.3 | 2.3 | 2.3 | 1.8 | 2.2 | 2.4 | 1.8 | 2.5 | 1.8 | 2.5 |
| 23 2220 | 0.18 | 0.002 | 1.3 | 6.4 | 5.6 | 1.3 | 2.0 | 4.9 | 5.3 | 4.4 | 2.9 | 7.8 | 2.9 | 3.8 | 2.0 | 3.7 | 1.9 | 1.9 | 2.4 | 3.0 | 3.3 | 2.2 | 2.8 | 3.0 |
| 24 120 | 0.14 | 0.001 | 1.1 | 4.8 | 5.1 | 1.2 | 1.7 | 3.7 | 3.1 | 2.0 | 6.4 | 3.6 | 5.0 | 6.1 | 2.9 | 2.0 | 2.8 | 3.1 | 2.0 | 1.9 | 2.6 | 2.1 | 3.1 | 3.3 |
| 24 420 | 0.14 | 0.001 | 0.8 | 1.9 | 11.0 | 1.1 | 1.5 | 3.1 | 2.0 | 1.4 | 3.3 | 7.6 | 11.5 | 4.1 | 3.6 | 5.6 | 4.8 | 3.9 | 1.2 | 2.8 | 1.7 | 2.1 | 1.2 | 1.8 |
| 24 720 | 0.17 | 0.002 | 0.6 | 3.1 | 12.1 | 0.6 | 1.5 | 3.4 | 2.8 | 3.3 | 3.4 | 2.0 | 2.1 | 4.8 | 5.3 | 10.2 | 6.0 | 4.7 | 4.0 | 3.3 | 2.6 | 2.1 | 3.4 | 3.2 |
| 24 1020 | 0.15 | 0.001 | 1.1 | 12.0 | 12.2 | 2.8 | 1.2 | 3.2 | 5.2 | 5.0 | 2.5 | 4.0 | 3.6 | 2.8 | 4.8 | 1.9 | 1.9 | 1.5 | 3.4 | 3.4 | 2.2 | 1.9 | 2.2 | 1.4 |
| 24 1320 | 0.16 | 0.001 | 0.8 | 15.9 | 6.2 | 0.9 | 0.5 | 2.5 | 2.3 | 5.8 | 3.1 | 2.8 | 3.0 | 1.9 | 1.6 | 2.5 | 3.0 | 2.5 | 4.0 | 4.3 | 4.6 | 2.5 | 6.0 | 4.2 |
| 24 1620 | 0.16 | 0.002 | 0.7 | 8.2 | 4.8 | 0.6 | 0.6 | 1.0 | 1.2 | 1.3 | 1.8 | 1.4 | 1.8 | 2.0 | 2.1 | 2.1 | 3.5 | 3.7 | 3.8 | 3.9 | 11.1 | 11.0 | 5.0 | 7.3 |
| 24 1920 | 0.25 | 0.004 | 0.3 | 2.7 | 2.1 | 0.4 | 0.5 | 0.6 | 1.2 | 1.8 | 1.7 | 4.2 | 8.9 | 4.4 | 7.5 | 7.2 | 8.9 | 7.2 | 8.4 | 3.5 | 3.9 | 3.7 | 3.1 | 1.6 |
| 24 2220 | 0.38 | 0.009 | 0.2 | 3.8 | 0.6 | 0.2 | 0.7 | 1.8 | 3.2 | 3.6 | 3.1 | 3.4 | 7.0 | 8.1 | 8.0 | 7.2 | 6.0 | 2.1 | 9.0 | 3.3 | 9.1 | 2.4 | 1.7 | 3.3 |
| 25 120 | 0.37 | 0.009 | 0.3 | 3.4 | 0.9 | 0.8 | 1.4 | 1.7 | 2.6 | 1.4 | 2.6 | 3.1 | 4.1 | 5.6 | 7.9 | 5.6 | 4.4 | 6.1 | 1.9 | 9.5 | 8.8 | 6.6 | 4.1 | 3.2 |
| 25 420 | 0.31 | 0.006 | 0.3 | 4.2 | 1.0 | 0.6 | 1.1 | 2.2 | 2.0 | 2.0 | 1.3 | 2.1 | 2.2 | 3.7 | 2.9 | 4.1 | 3.9 | 2.5 | 5.6 | 5.3 | 8.3 | 4.4 | 10.6 | 9.1 |
| 25 720 | 0.32 | 0.006 | 0.4 | 2.3 | 1.6 | 0.6 | 1.6 | 2.9 | 2.9 | 4.2 | 3.7 | 4.1 | 5.9 | 4.3 | 4.5 | 3.8 | 3.0 | 3.1 | 4.6 | 9.2 | 4.0 | 8.0 | 4.5 | 5.7 |
| 25 1020 | 0.37 | 0.009 | 0.2 | 7.6 | 3.0 | 1.2 | 2.7 | 3.0 | 4.5 | 4.1 | 6.7 | 7.3 | 3.1 | 4.0 | 3.2 | 3.5 | 4.3 | 2.2 | 2.9 | 4.6 | 4.0 | 3.6 | 3.7 | 4.7 |
| 25 1320 | 0.26 | 0.004 | 0.4 | 9.2 | 3.4 | 1.8 | 4.8 | 6.6 | 8.0 | 4.8 | 2.8 | 3.2 | 6.8 | 3.8 | 2.1 | 3.8 | 2.5 | 2.2 | 2.6 | 2.4 | 3.0 | 3.3 | 2.6 | 2.6 |
| 25 1620 | 0.16 | 0.002 | 0.5 | 18.2 | 5.3 | 4.1 | 5.5 | 7.2 | 5.6 | 4.8 | 8.0 | 4.0 | 1.9 | 2.1 | 2.5 | 3.0 | 2.0 | 1.8 | 2.5 | 1.6 | 1.5 | 1.8 | 1.1 | 1.7 |
| 25 1920 | 0.24 | 0.004 | 0.5 | 2.5 | 5.0 | 0.5 | 1.6 | 3.1 | 2.7 | 3.0 | 3.1 | 2.1 | 2.0 | 1.3 | 1.1 | 1.1 | 0.8 | 1.0 | 2.4 | 7.8 | 5.7 | 7.2 | 5.7 | 6.8 |
| 25 2220 | 0.39 | 0.009 | 0.4 | 3.8 | 0.9 | 0.4 | 0.7 | 0.9 | 1.6 | 1.7 | 1.0 | 0.9 | 0.5 | 0.5 | 1.3 | 2.3 | 12.9 | 6.6 | 6.2 | 5.4 | 6.5 | 6.3 | 6.2 | 7.9 |
| 26 420 | 0.37 | 0.008 | 0.2 | 3.7 | 0.8 | 0.3 | 0.1 | 0.5 | 0.4 | 0.4 | 0.2 | 0.4 | 0.3 | 0.3 | 0.5 | 1.8 | 4.0 | 8.1 | 7.3 | 5.1 | 8.7 | 14.3 | 7.9 | 13.1 |
| 26 720 | 0.52 | 0.017 | 0.3 | 2.2 | 0.5 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | 0.1 | 0.2 | 0.8 | 1.9 | 3.0 | 5.9 | 14.1 | 14.7 | 17.7 | 14.2 | 9.3 | 3.3 |
| 26 1020 | 0.77 | 0.037 | 0.2 | 1.1 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.7 | 1.3 | 11.6 | 12.7 | 20.7 | 19.9 | 11.7 | 4.7 | 4.2 | 3.1 | 1.0 |
| 26 1320 | 0.42 | 0.011 | 0.4 | 5.3 | 0.4 | 0.5 | 0.5 | 0.4 | 0.5 | 0.4 | 0.2 | 0.2 | 0.2 | 0.4 | 0.7 | 1.0 | 1.9 | 2.8 | 4.3 | 6.2 | 10.1 | 7.6 | 14.3 | 9.9 |
| 26 1620 | 0.35 | 0.008 | 0.6 | 5.1 | 0.9 | 0.6 | 0.6 | 0.4 | 0.3 | 0.2 | 0.3 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.5 | 0.3 | 1.1 | 2.9 | 5.5 | 10.2 | 10.2 | 14.9 |
| 26 1920 | 0.71 | 0.031 | 0.2 | 0.4 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 | 1.0 | 2.1 | 6.5 | 33.3 | 22.6 | 7.8 | 5.1 | 5.2 | 4.9 | 2.1 | 2.1 |
| 26 2220 | 0.79 | 0.039 | 0.2 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 1.5 | 6.0 | 5.2 | 28.7 | 17.2 | 11.6 | 10.0 | 3.1 | 2.4 | 2.7 | 1.4 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
AUG 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 420 | 0.28 | 0.005 | 0.5 | 6.4 | 1.0 | 0.6 | 1.1 | 0.8 | 0.8 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.5 | 0.3 | 0.7 | 1.8 | 1.9 | 7.7 | 13.2 |
| 27 720 | 0.25 | 0.004 | 0.4 | 1.8 | 2.4 | 0.6 | 1.3 | 1.6 | 1.3 | 0.7 | 0.8 | 0.5 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 | 0.5 | 2.2 | 1.6 | 1.4 | 1.6 | 5.3 | 5.8 |
| 27 1020 | 0.19 | 0.002 | 0.6 | 17.1 | 4.6 | 1.1 | 7.8 | 7.4 | 4.1 | 4.6 | 1.8 | 1.3 | 1.6 | 1.0 | 1.0 | 1.0 | 1.1 | 0.8 | 1.0 | 0.9 | 1.4 | 1.9 | 1.0 | 1.9 |
| 27 1320 | 0.19 | 0.002 | 1.3 | 21.2 | 15.2 | 4.1 | 4.7 | 3.8 | 7.3 | 4.8 | 5.0 | 2.4 | 1.5 | 2.5 | 1.4 | 1.2 | 1.1 | 1.2 | 0.9 | 0.9 | 0.8 | 1.1 | 0.8 | 0.9 |
| 27 1620 | 0.14 | 0.001 | 0.8 | 12.2 | 4.6 | 3.0 | 4.3 | 6.1 | 6.1 | 4.6 | 3.0 | 2.9 | 2.7 | 2.5 | 1.4 | 1.8 | 2.8 | 1.9 | 2.7 | 1.4 | 3.0 | 2.5 | 1.9 | 3.1 |
| 27 2220 | 0.15 | 0.001 | 1.0 | 12.8 | 27.7 | 2.3 | 1.8 | 2.5 | 1.7 | 1.6 | 2.6 | 3.5 | 1.8 | 2.1 | 1.9 | 2.8 | 2.3 | 1.4 | 2.0 | 1.3 | 2.5 | 3.1 | 2.3 | 2.0 |
| 28 120 | 0.16 | 0.002 | 1.1 | 8.6 | 11.5 | 2.6 | 2.5 | 4.2 | 7.1 | 5.4 | 3.5 | 2.8 | 2.7 | 1.1 | 1.8 | 1.8 | 1.5 | 2.6 | 1.8 | 2.0 | 3.8 | 1.9 | 1.9 | 1.8 |
| 28 1920 | 0.18 | 0.002 | 0.8 | 5.3 | 7.9 | 2.0 | 1.2 | 2.4 | 1.3 | 1.9 | 3.8 | 2.5 | 1.4 | 1.8 | 2.5 | 2.5 | 1.5 | 2.1 | 2.4 | 2.1 | 4.0 | 1.6 | 6.0 | 2.8 |
| 29 720 | 0.18 | 0.002 | 0.6 | 3.6 | 14.3 | 1.1 | 1.2 | 2.3 | 1.6 | 2.8 | 1.5 | 3.1 | 3.5 | 2.4 | 2.5 | 2.4 | 1.9 | 2.7 | 1.7 | 4.6 | 3.3 | 2.5 | 2.9 | 3.0 |
| 29 1020 | 0.19 | 0.002 | 0.9 | 9.2 | 6.1 | 2.3 | 1.3 | 1.4 | 2.6 | 2.9 | 2.8 | 1.9 | 2.6 | 1.7 | 2.9 | 1.6 | 1.8 | 3.3 | 2.4 | 3.9 | 4.2 | 2.4 | 3.8 | 3.4 |
| 30 720 | 0.15 | 0.001 | 1.2 | 6.0 | 13.9 | 3.3 | 2.3 | 1.7 | 3.2 | 3.7 | 3.4 | 3.1 | 2.7 | 1.6 | 1.0 | 1.6 | 2.5 | 1.8 | 1.7 | 3.0 | 1.3 | 1.1 | 3.7 | 1.4 |
| 30 1020 | 0.16 | 0.002 | 2.1 | 1.8 | 12.0 | 3.3 | 1.1 | 2.3 | 4.8 | 2.3 | 3.4 | 2.2 | 1.5 | 1.3 | 0.6 | 0.8 | 1.3 | 0.9 | 0.9 | 1.5 | 0.6 | 2.1 | 2.3 | 1.8 |
| 30 1320 | 0.27 | 0.005 | 0.9 | 1.2 | 5.3 | 0.8 | 2.9 | 2.2 | 1.5 | 1.4 | 1.2 | 0.6 | 0.4 | 0.6 | 0.5 | 0.4 | 0.4 | 0.9 | 0.7 | 1.1 | 1.7 | 2.3 | 5.6 | 10.8 |
| 30 1620 | 0.27 | 0.005 | 0.6 | 3.1 | 3.0 | 0.8 | 0.7 | 4.2 | 1.3 | 1.1 | 0.8 | 0.4 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.6 | 1.0 | 1.1 | 3.3 | 6.6 |
| 30 1920 | 0.27 | 0.004 | 0.4 | 0.8 | 2.7 | 0.3 | 0.5 | 0.7 | 1.1 | 0.6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 0.6 | 0.8 | 2.4 | 4.5 | 8.7 |
| 30 2220 | 0.32 | 0.006 | 0.4 | 0.4 | 1.9 | 1.7 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.3 | 0.5 | 1.4 | 1.9 | 5.3 | 9.4 | 17.9 | 19.7 |
| 31 120 | 0.20 | 0.002 | 1.3 | 1.7 | 9.4 | 24.2 | 15.9 | 2.8 | 2.9 | 3.2 | 2.2 | 1.7 | 1.7 | 1.1 | 1.1 | 0.7 | 1.5 | 0.8 | 1.4 | 1.4 | 0.7 | 0.9 | 1.0 | 0.9 |
| 31 420 | 0.22 | 0.003 | 0.8 | 5.8 | 8.1 | 8.4 | 11.7 | 4.6 | 3.6 | 3.0 | 2.0 | 2.5 | 1.0 | 0.7 | 1.0 | 0.6 | 0.7 | 0.6 | 0.9 | 0.5 | 0.8 | 0.6 | 1.3 | 1.6 |
| 31 720 | 0.17 | 0.002 | 0.9 | 4.8 | 6.9 | 18.3 | 12.9 | 5.9 | 4.5 | 1.5 | 2.5 | 3.3 | 2.3 | 1.1 | 1.7 | 1.2 | 1.3 | 1.3 | 1.0 | 1.3 | 1.6 | 0.9 | 1.1 | 1.7 |
| 31 1020 | 0.17 | 0.002 | 1.3 | 0.8 | 5.2 | 6.6 | 17.9 | 5.8 | 2.1 | 1.5 | 2.4 | 1.8 | 2.2 | 1.1 | 0.6 | 0.8 | 0.8 | 1.1 | 0.8 | 1.1 | 0.9 | 1.1 | 0.7 | 1.0 |
| 31 1320 | 0.15 | 0.001 | 1.1 | 0.5 | 14.1 | 5.0 | 10.7 | 23.1 | 5.6 | 2.3 | 1.5 | 2.0 | 2.6 | 1.5 | 0.8 | 2.2 | 1.0 | 1.5 | 1.6 | 1.3 | 0.8 | 0.6 | 0.8 | 1.7 |
| 31 1620 | 0.17 | 0.002 | 1.4 | 1.9 | 14.1 | 12.6 | 16.6 | 15.2 | 3.6 | 2.2 | 0.9 | 2.4 | 2.1 | 1.7 | 1.2 | 0.7 | 0.9 | 1.0 | 1.2 | 0.6 | 0.7 | 0.9 | 1.3 | 1.1 |
| 31 1920 | 0.17 | 0.002 | 0.7 | 2.4 | 5.0 | 15.5 | 27.2 | 5.3 | 8.1 | 3.1 | 4.1 | 2.7 | 0.8 | 1.6 | 1.6 | 0.9 | 0.6 | 0.9 | 0.9 | 0.4 | 0.9 | 0.7 | 1.2 | 0.7 |
| 31 2220 | 0.18 | 0.002 | 1.0 | 1.0 | 8.9 | 1.7 | 4.6 | 7.0 | 2.5 | 1.5 | 2.0 | 1.8 | 1.1 | 1.1 | 0.9 | 0.6 | 0.7 | 0.9 | 0.8 | 0.9 | 1.0 | 0.7 | 1.1 | 1.4 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
SEP 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 120 | 0.19 | 0.002 | 0.8 | 0.6 | 6.8 | 1.2 | 8.0 | 14.1 | 7.6 | 1.4 | 1.0 | 1.3 | 1.9 | 1.7 | 1.0 | 1.1 | 0.5 | 1.1 | 1.5 | 0.9 | 1.5 | 0.6 | 1.1 | 1.2 |
| 1 420 | 0.17 | 0.002 | 1.5 | 1.4 | 10.6 | 1.9 | 6.5 | 15.2 | 6.7 | 5.9 | 5.5 | 1.5 | 2.8 | 1.9 | 1.1 | 0.8 | 0.9 | 0.8 | 1.1 | 1.4 | 1.3 | 0.9 | 1.2 | 0.7 |
| 1 720 | 0.16 | 0.002 | 1.1 | 2.3 | 16.2 | 0.9 | 5.3 | 21.0 | 9.9 | 4.8 | 3.7 | 1.9 | 1.8 | 2.2 | 1.3 | 1.2 | 2.1 | 1.0 | 1.7 | 1.4 | 1.8 | 1.1 | 1.2 | 1.0 |
| 1 1020 | 0.15 | 0.001 | 1.9 | 1.1 | 18.4 | 1.4 | 4.4 | 5.5 | 4.1 | 2.0 | 2.2 | 1.4 | 1.6 | 1.5 | 1.6 | 1.6 | 1.4 | 2.1 | 1.9 | 1.1 | 1.5 | 1.9 | 1.0 | 1.6 |
| 1 1320 | 0.15 | 0.001 | 1.9 | 0.6 | 9.7 | 1.3 | 2.0 | 4.5 | 3.3 | 2.4 | 1.4 | 1.0 | 1.2 | 1.6 | 1.2 | 1.4 | 1.2 | 0.8 | 1.3 | 1.0 | 0.8 | 1.0 | 0.8 | 1.4 |
| 1 1620 | 0.23 | 0.003 | 1.5 | 0.3 | 2.6 | 0.8 | 1.7 | 3.7 | 3.3 | 2.0 | 0.9 | 0.9 | 0.4 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 0.3 | 0.6 | 0.4 | 1.1 | 1.2 | 4.1 |
| 1 1920 | 0.23 | 0.003 | 0.5 | 0.8 | 3.7 | 0.5 | 1.8 | 3.6 | 2.3 | 2.7 | 1.2 | 0.7 | 0.6 | 0.3 | 0.6 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 1.5 | 1.7 | 3.6 |
| 1 2220 | 0.14 | 0.001 | 2.2 | 0.9 | 14.1 | 1.7 | 12.0 | 5.7 | 2.6 | 2.9 | 3.0 | 3.4 | 2.1 | 1.5 | 1.4 | 1.7 | 1.6 | 1.7 | 1.7 | 2.6 | 2.9 | 1.4 | 2.0 | 2.8 |
| 2 120 | 0.17 | 0.002 | 0.8 | 1.0 | 12.9 | 1.8 | 1.2 | 15.3 | 8.4 | 2.0 | 2.5 | 4.3 | 1.7 | 1.4 | 2.6 | 2.3 | 2.0 | 1.9 | 0.8 | 1.8 | 2.7 | 2.8 | 2.9 | 2.0 |
| 2 420 | 0.18 | 0.002 | 1.6 | 1.5 | 7.1 | 1.6 | 2.0 | 6.6 | 19.8 | 7.1 | 2.6 | 2.3 | 3.6 | 4.1 | 2.1 | 2.6 | 3.7 | 2.5 | 2.1 | 3.0 | 1.6 | 1.6 | 1.2 | 2.8 |
| 2 720 | 0.15 | 0.001 | 1.0 | 1.1 | 7.4 | 1.9 | 1.3 | 5.5 | 12.6 | 12.2 | 3.6 | 4.0 | 2.9 | 1.9 | 2.8 | 3.9 | 2.7 | 3.1 | 2.0 | 1.9 | 1.6 | 2.2 | 2.8 | 1.6 |
| 2 1020 | 0.14 | 0.001 | 1.0 | 1.0 | 6.5 | 2.2 | 1.8 | 3.4 | 8.4 | 2.3 | 5.2 | 5.0 | 3.2 | 4.2 | 3.8 | 3.0 | 3.9 | 3.1 | 3.0 | 2.1 | 3.2 | 2.6 | 2.2 | 2.1 |
| 2 1320 | 0.13 | 0.001 | 1.4 | 1.6 | 16.7 | 3.2 | 1.9 | 2.4 | 6.4 | 2.8 | 2.5 | 2.9 | 2.7 | 1.9 | 1.7 | 2.2 | 2.4 | 2.9 | 1.7 | 2.5 | 1.6 | 1.1 | 2.1 | 4.2 |
| 2 1620 | 0.15 | 0.001 | 1.2 | 0.7 | 4.5 | 3.5 | 2.4 | 1.0 | 7.8 | 17.4 | 9.2 | 5.7 | 3.3 | 3.8 | 2.9 | 2.0 | 2.3 | 2.1 | 1.9 | 2.3 | 1.2 | 1.9 | 1.8 | 1.8 |
| 2 1920 | 0.15 | 0.001 | 1.5 | 2.4 | 8.2 | 3.4 | 1.3 | 1.5 | 3.7 | 9.9 | 10.2 | 5.0 | 4.5 | 3.3 | 2.6 | 3.2 | 5.0 | 1.8 | 3.4 | 2.2 | 2.2 | 1.6 | 2.0 | 2.5 |
| 3 120 | 0.16 | 0.001 | 0.9 | 1.0 | 14.0 | 3.3 | 2.5 | 1.7 | 5.5 | 2.0 | 3.3 | 4.2 | 4.2 | 6.2 | 5.8 | 2.5 | 4.3 | 2.9 | 2.4 | 2.0 | 2.8 | 2.1 | 1.5 | 1.2 |
| 3 420 | 0.19 | 0.002 | 0.6 | 0.6 | 25.7 | 3.0 | 2.7 | 1.9 | 3.3 | 4.7 | 3.5 | 5.1 | 4.2 | 4.1 | 4.3 | 1.0 | 3.7 | 1.7 | 2.5 | 3.2 | 1.8 | 2.1 | 1.8 | 2.1 |
| 3 720 | 0.17 | 0.002 | 0.8 | 0.6 | 17.8 | 2.7 | 2.5 | 1.3 | 2.1 | 6.8 | 5.5 | 9.6 | 7.9 | 1.8 | 4.3 | 2.2 | 1.7 | 2.2 | 2.5 | 1.6 | 2.2 | 1.5 | 2.9 | 1.5 |
| 3 1020 | 0.16 | 0.002 | 1.5 | 0.5 | 16.8 | 4.5 | 4.0 | 2.1 | 1.9 | 6.0 | 7.8 | 5.6 | 5.0 | 2.3 | 2.6 | 1.6 | 2.0 | 1.3 | 1.9 | 1.3 | 1.2 | 1.5 | 2.1 | 1.9 |
| 3 1320 | 0.19 | 0.002 | 1.0 | 0.5 | 15.5 | 2.1 | 0.7 | 1.8 | 3.4 | 2.0 | 2.5 | 5.3 | 1.9 | 1.3 | 0.9 | 1.4 | 1.0 | 0.7 | 0.7 | 1.3 | 0.6 | 0.8 | 1.3 | 0.8 |
| 3 1620 | 0.17 | 0.002 | 2.0 | 0.5 | 10.9 | 4.2 | 1.7 | 2.4 | 5.1 | 1.9 | 1.5 | 1.8 | 0.9 | 0.8 | 0.9 | 1.4 | 0.8 | 1.0 | 0.6 | 0.9 | 1.5 | 1.8 | 1.7 | 2.0 |
| 3 1920 | 0.21 | 0.003 | 0.9 | 0.4 | 14.3 | 2.6 | 1.2 | 4.3 | 9.5 | 3.5 | 0.7 | 0.6 | 0.9 | 0.9 | 0.9 | 0.9 | 0.4 | 0.5 | 0.4 | 0.7 | 0.9 | 2.0 | 2.2 | 1.8 |
| 3 2220 | 0.17 | 0.002 | 0.9 | 1.6 | 12.7 | 8.7 | 2.0 | 9.2 | 9.2 | 6.2 | 2.3 | 2.3 | 1.3 | 1.0 | 1.2 | 0.9 | 1.1 | 0.7 | 2.1 | 1.2 | 1.7 | 2.4 | 3.1 | 2.6 |
| 4 120 | 0.26 | 0.004 | 0.5 | 0.4 | 7.6 | 51.8 | 1.8 | 2.8 | 4.1 | 4.7 | 1.6 | 1.1 | 1.0 | 1.2 | 1.3 | 0.4 | 0.8 | 0.7 | 1.0 | 0.8 | 0.6 | 0.6 | 0.8 | 1.0 |
| 4 420 | 0.43 | 0.012 | 0.3 | 0.6 | 8.7 | 13.4 | 29.1 | 7.6 | 7.5 | 5.8 | 6.9 | 2.2 | 1.7 | 2.3 | 1.8 | 0.9 | 0.7 | 1.2 | 0.8 | 0.5 | 1.0 | 0.7 | 0.6 | 0.5 |
| 4 720 | 0.51 | 0.016 | 0.2 | 0.3 | 12.8 | 16.5 | 18.7 | 5.5 | 5.6 | 8.6 | 6.6 | 2.2 | 1.6 | 2.8 | 2.5 | 1.9 | 2.7 | 1.9 | 1.1 | 1.7 | 1.0 | 0.9 | 0.8 | 0.8 |
| 4 1020 | 0.49 | 0.015 | 0.1 | 0.2 | 13.6 | 20.0 | 11.3 | 8.1 | 15.7 | 9.8 | 3.5 | 2.1 | 1.0 | 1.5 | 1.6 | 0.9 | 1.9 | 2.0 | 1.5 | 0.7 | 0.7 | 0.6 | 0.5 | 0.3 |
| 4 1320 | 0.39 | 0.010 | 0.2 | 0.1 | 4.5 | 34.6 | 8.7 | 7.5 | 3.7 | 6.2 | 5.5 | 4.6 | 3.2 | 1.8 | 3.8 | 2.2 | 1.5 | 1.4 | 2.7 | 1.0 | 0.8 | 0.8 | 0.8 | 1.2 |
| 4 1620 | 0.35 | 0.007 | 0.3 | 0.2 | 4.4 | 43.7 | 9.8 | 6.4 | 3.8 | 3.2 | 3.3 | 2.3 | 1.8 | 2.9 | 1.7 | 1.9 | 1.8 | 1.3 | 1.3 | 1.7 | 0.9 | 0.6 | 0.8 | 0.5 |
| 4 1920 | 0.36 | 0.008 | 0.2 | 0.1 | 4.1 | 28.3 | 13.5 | 7.2 | 3.1 | 8.4 | 7.8 | 4.3 | 2.2 | 2.5 | 4.3 | 2.1 | 1.6 | 1.0 | 1.4 | 1.1 | 1.1 | 0.9 | 0.5 | 0.6 |
| 4 2220 | 0.38 | 0.009 | 0.2 | 0.3 | 0.7 | 19.1 | 24.2 | 10.3 | 5.8 | 7.5 | 5.4 | 4.6 | 1.8 | 2.9 | 1.3 | 2.3 | 1.6 | 1.4 | 1.1 | 1.6 | 1.1 | 0.9 | 0.8 | 0.5 |
| 5 120 | 0.32 | 0.007 | 0.3 | 0.4 | 0.7 | 19.4 | 16.6 | 9.7 | 11.8 | 7.2 | 5.4 | 2.2 | 4.7 | 2.7 | 3.0 | 1.7 | 1.3 | 1.3 | 1.4 | 0.9 | 0.9 | 1.5 | 0.9 | 1.0 |
| 5 420 | 0.33 | 0.007 | 0.2 | 0.6 | 1.0 | 3.4 | 17.2 | 24.0 | 6.7 | 5.9 | 6.8 | 4.6 | 6.5 | 3.0 | 1.3 | 3.6 | 2.7 | 1.4 | 1.8 | 1.4 | 1.2 | 0.6 | 0.6 | 0.9 |
| 5 720 | 0.36 | 0.008 | 0.2 | 0.4 | 0.6 | 10.1 | 20.9 | 19.0 | 8.2 | 10.5 | 4.8 | 5.0 | 3.8 | 2.5 | 1.7 | 1.7 | 1.6 | 1.3 | 1.0 | 1.0 | 0.7 | 0.4 | 0.6 | 0.4 |
| 5 1020 | 0.37 | 0.009 | 0.2 | 0.6 | 3.7 | 9.0 | 26.5 | 8.2 | 10.2 | 6.1 | 9.2 | 4.5 | 4.2 | 1.8 | 3.7 | 0.9 | 1.9 | 0.8 | 1.0 | 1.0 | 0.8 | 0.6 | 1.0 | 0.6 |
| 5 1320 | 0.42 | 0.011 | 0.1 | 0.3 | 2.5 | 19.9 | 31.8 | 12.6 | 3.1 | 4.0 | 4.8 | 3.4 | 2.2 | 1.6 | 1.5 | 1.9 | 1.3 | 1.9 | 0.9 | 1.1 | 0.5 | 0.8 | 0.8 | 0.3 |
| 5 1620 | 0.42 | 0.011 | 0.1 | 0.1 | 0.9 | 21.5 | 33.9 | 6.5 | 7.3 | 2.8 | 7.5 | 4.4 | 1.4 | 1.2 | 1.1 | 1.4 | 1.6 | 1.0 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 0.6 |
| 5 1920 | 0.45 | 0.013 | 0.1 | 0.3 | 0.6 | 27.4 | 11.6 | 14.0 | 7.1 | 7.8 | 6.6 | 3.3 | 2.0 | 2.2 | 1.0 | 1.2 | 2.5 | 1.5 | 2.6 | 1.9 | 1.6 | 0.6 | 0.4 | 0.6 |
| 5 2220 | 0.48 | 0.014 | 0.1 | 0.2 | 0.7 | 26.8 | 32.7 | 8.0 | 3.3 | 5.1 | 5.1 | 4.7 | 1.5 | 1.9 | 1.0 | 1.1 | 1.3 | 0.9 | 0.6 | 1.1 | 0.8 | 0.3 | 0.3 | 0.3 |
| 6 120 | 0.40 | 0.010 | 0.2 | 0.2 | 0.4 | 11.3 | 31.8 | 6.6 | 9.3 | 6.5 | 6.6 | 5.7 | 2.3 | 1.6 | 1.4 | 1.3 | 1.4 | 1.0 | 1.3 | 1.5 | 0.8 | 0.8 | 1.2 | 1.3 |
| 6 420 | 0.35 | 0.008 | 0.2 | 0.1 | 0.6 | 13.4 | 31.0 | 11.8 | 6.2 | 3.6 | 3.9 | 6.7 | 2.6 | 1.3 | 1.5 | 1.4 | 1.2 | 0.8 | 1.3 | 1.7 | 1.9 | 1.0 | 0.7 | 1.2 |
| 6 720 | 0.45 | 0.013 | 0.2 | 0.3 | 1.1 | 9.6 | 26.1 | 25.4 | 6.8 | 5.8 | 2.8 | 3.8 | 2.5 | 1.3 | 1.7 | 1.6 | 0.9 | 0.9 | 1.2 | 1.1 | 0.5 | 0.7 | 1.4 | 0.6 |
| 6 1020 | 0.45 | 0.013 | 0.1 | 0.1 | 0.9 | 4.3 | 17.9 | 19.1 | 15.9 | 8.9 | 6.8 | 3.4 | 5.0 | 2.1 | 2.2 | 1.0 | 1.9 | 0.8 | 1.2 | 1.3 | 0.6 | 0.9 | 0.7 | 0.4 |
| 6 1320 | 0.34 | 0.007 | 0.2 | 0.1 | 1.1 | 5.0 | 13.6 | 8.9 | 11.7 | 11.0 | 6.6 | 6.1 | 6.7 | 2.9 | 4.0 | 2.6 | 1.5 | 2.1 | 2.3 | 2.3 | 2.0 | 1.4 | 1.4 | 1.0 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
SEP 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 1620 | 0.30 | 0.006 | 0.2 | 0.3 | 1.3 | 1.4 | 29.5 | 16.8 | 12.9 | 6.8 | 3.3 | 3.8 | 4.1 | 2.3 | 2.6 | 1.3 | 1.2 | 1.7 | 1.0 | 1.0 | 1.7 | 0.7 | 0.7 | 0.9 |
| 6 1920 | 0.30 | 0.006 | 0.3 | 0.1 | 1.6 | 1.5 | 23.2 | 13.9 | 14.7 | 11.0 | 6.0 | 4.6 | 5.4 | 2.0 | 2.4 | 2.5 | 1.5 | 1.3 | 0.8 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 |
| 6 2220 | 0.35 | 0.008 | 0.3 | 0.1 | 1.3 | 1.5 | 19.9 | 12.0 | 16.0 | 9.2 | 8.8 | 5.9 | 4.1 | 3.9 | 1.4 | 2.6 | 1.5 | 1.0 | 1.6 | 1.8 | 0.7 | 0.7 | 0.9 | 0.6 |
| 7 420 | 0.24 | 0.003 | 0.4 | 0.4 | 2.7 | 2.2 | 20.9 | 22.2 | 7.3 | 3.9 | 5.0 | 8.8 | 4.4 | 1.6 | 1.6 | 1.2 | 1.9 | 1.7 | 1.5 | 1.2 | 0.7 | 1.2 | 0.8 | 0.6 |
| 7 720 | 0.25 | 0.004 | 0.2 | 0.2 | 6.6 | 1.4 | 5.3 | 32.5 | 12.2 | 7.7 | 5.2 | 4.2 | 3.0 | 3.7 | 3.8 | 1.5 | 0.9 | 0.9 | 1.3 | 0.5 | 0.8 | 0.9 | 0.6 | 1.0 |
| 7 1020 | 0.29 | 0.005 | 0.2 | 0.4 | 3.4 | 1.1 | 10.2 | 27.4 | 15.8 | 11.4 | 5.1 | 4.2 | 2.8 | 2.2 | 1.7 | 2.0 | 1.5 | 0.5 | 0.7 | 1.2 | 0.6 | 0.9 | 0.7 | 0.6 |
| 7 1320 | 0.25 | 0.004 | 0.4 | 0.3 | 4.0 | 1.0 | 11.3 | 20.2 | 12.0 | 11.3 | 6.1 | 4.8 | 3.0 | 2.5 | 3.6 | 3.0 | 1.9 | 0.9 | 1.1 | 0.9 | 1.1 | 0.3 | 0.6 | 0.9 |
| 7 1620 | 0.17 | 0.002 | 0.5 | 0.5 | 4.1 | 1.7 | 13.6 | 15.8 | 10.0 | 11.1 | 4.7 | 5.1 | 1.9 | 3.3 | 2.1 | 1.8 | 1.7 | 1.1 | 1.4 | 1.2 | 1.4 | 1.3 | 1.5 | 1.3 |
| 7 1920 | 0.23 | 0.003 | 0.8 | 0.2 | 3.8 | 0.8 | 1.0 | 9.5 | 19.4 | 6.3 | 5.6 | 2.3 | 2.4 | 2.6 | 1.0 | 0.9 | 1.2 | 1.2 | 1.1 | 1.3 | 2.2 | 2.7 | 5.8 | 4.3 |
| 7 2220 | 0.36 | 0.008 | 0.3 | 0.1 | 1.0 | 0.5 | 0.6 | 3.7 | 5.8 | 3.0 | 1.4 | 1.2 | 1.8 | 1.7 | 2.8 | 2.5 | 11.7 | 15.7 | 11.9 | 6.8 | 4.4 | 3.9 | 4.5 | 2.0 |
| 8 120 | 0.39 | 0.009 | 0.3 | 0.2 | 1.8 | 0.6 | 1.2 | 4.3 | 6.9 | 2.7 | 2.5 | 2.0 | 2.5 | 3.9 | 4.2 | 9.9 | 14.4 | 10.0 | 5.5 | 3.7 | 4.8 | 1.7 | 4.1 | 2.4 |
| 8 420 | 0.34 | 0.007 | 0.4 | 0.2 | 0.7 | 0.3 | 0.5 | 3.1 | 2.7 | 1.7 | 1.4 | 1.6 | 5.3 | 14.7 | 7.0 | 7.3 | 5.1 | 7.5 | 7.8 | 7.0 | 4.2 | 5.8 | 2.5 | 1.6 |
| 8 720 | 0.44 | 0.012 | 0.3 | 0.1 | 0.7 | 0.5 | 0.4 | 1.3 | 3.1 | 1.0 | 2.0 | 2.9 | 8.6 | 13.3 | 8.8 | 8.0 | 8.3 | 7.5 | 6.5 | 5.9 | 3.5 | 2.7 | 2.4 | 2.2 |
| 8 1020 | 0.60 | 0.022 | 0.2 | 0.1 | 0.5 | 0.1 | 0.4 | 1.4 | 1.2 | 1.9 | 14.4 | 14.6 | 11.4 | 6.6 | 7.7 | 7.6 | 6.0 | 3.7 | 4.2 | 5.3 | 1.3 | 1.8 | 1.3 | 2.2 |
| 8 1320 | 0.79 | 0.039 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 3.7 | 11.3 | 16.7 | 10.0 | 10.1 | 10.4 | 8.9 | 6.4 | 2.3 | 3.7 | 2.2 | 2.3 | 2.2 | 1.2 | 2.0 | 1.3 |
| 8 1620 | 0.61 | 0.024 | 0.1 | 0.1 | 0.2 | 0.1 | 0.4 | 1.4 | 7.9 | 13.1 | 14.8 | 10.0 | 9.0 | 3.6 | 8.8 | 6.9 | 6.1 | 3.3 | 2.2 | 1.6 | 1.4 | 1.4 | 0.6 | 1.1 |
| 8 1920 | 0.43 | 0.012 | 0.1 | 0.1 | 0.4 | 0.2 | 0.4 | 8.4 | 24.4 | 11.9 | 8.0 | 3.4 | 3.7 | 3.7 | 3.0 | 7.4 | 5.1 | 3.7 | 1.6 | 2.4 | 1.3 | 2.3 | 1.5 | 1.4 |
| 8 2220 | 0.39 | 0.010 | 0.3 | 0.5 | 0.7 | 0.6 | 1.9 | 5.8 | 17.4 | 28.8 | 7.5 | 5.7 | 4.5 | 3.4 | 2.3 | 2.9 | 1.8 | 3.5 | 2.3 | 1.5 | 1.2 | 1.7 | 0.5 | 0.7 |
| 9 120 | 0.37 | 0.008 | 0.2 | 0.3 | 0.4 | 0.5 | 1.0 | 3.0 | 26.3 | 24.4 | 19.1 | 4.3 | 2.5 | 2.0 | 0.9 | 1.3 | 1.5 | 1.4 | 0.8 | 0.9 | 0.9 | 1.0 | 0.5 | 1.3 |
| 9 420 | 0.26 | 0.004 | 0.3 | 0.5 | 1.2 | 0.9 | 1.8 | 3.6 | 17.7 | 27.8 | 5.3 | 5.3 | 6.2 | 2.9 | 3.4 | 1.8 | 2.3 | 2.3 | 1.6 | 2.5 | 0.8 | 0.9 | 1.2 | 1.9 |
| 9 720 | 0.24 | 0.004 | 0.3 | 0.5 | 1.2 | 1.0 | 2.0 | 9.9 | 15.8 | 13.1 | 16.9 | 5.1 | 5.6 | 6.1 | 2.0 | 3.7 | 2.5 | 2.3 | 0.8 | 1.2 | 0.6 | 0.9 | 0.8 | 0.5 |
| 9 1020 | 0.35 | 0.008 | 0.1 | 0.2 | 1.2 | 2.2 | 3.5 | 6.5 | 15.4 | 21.7 | 21.1 | 4.6 | 3.7 | 4.4 | 1.9 | 3.0 | 0.9 | 1.0 | 1.7 | 1.0 | 0.6 | 0.6 | 0.5 | 0.6 |
| 9 1320 | 0.40 | 0.010 | 0.3 | 0.1 | 0.9 | 3.6 | 16.3 | 20.8 | 7.9 | 9.1 | 10.7 | 8.5 | 2.9 | 3.2 | 2.7 | 1.8 | 1.1 | 1.6 | 1.0 | 1.1 | 0.8 | 0.8 | 0.5 | 0.7 |
| 9 1620 | 0.31 | 0.006 | 12.9 | 0.2 | 2.9 | 3.0 | 15.2 | 12.9 | 5.2 | 7.6 | 7.1 | 5.4 | 3.2 | 2.6 | 3.0 | 2.1 | 1.7 | 1.6 | 1.5 | 1.7 | 1.8 | 1.0 | 1.3 | 0.9 |
| 9 1920 | 0.25 | 0.004 | 0.5 | 0.6 | 0.9 | 1.8 | 22.2 | 27.5 | 12.0 | 4.6 | 3.4 | 4.0 | 3.6 | 2.7 | 2.3 | 1.7 | 0.8 | 1.1 | 0.7 | 1.2 | 0.8 | 1.0 | 0.4 | 0.8 |
| 9 2220 | 0.28 | 0.005 | 0.2 | 0.4 | 0.9 | 1.4 | 12.4 | 19.3 | 14.1 | 15.0 | 4.3 | 4.9 | 2.4 | 3.0 | 1.9 | 1.7 | 2.0 | 1.5 | 1.2 | 2.1 | 2.3 | 1.2 | 1.0 | 0.4 |
| 10 120 | 0.28 | 0.005 | 0.3 | 0.6 | 1.2 | 1.1 | 25.2 | 15.4 | 8.5 | 8.6 | 6.4 | 5.8 | 5.5 | 3.5 | 3.6 | 1.8 | 1.3 | 1.0 | 0.8 | 0.7 | 1.3 | 0.6 | 0.6 | 0.4 |
| 10 420 | 0.20 | 0.003 | 0.5 | 1.5 | 1.0 | 1.7 | 20.3 | 17.9 | 11.6 | 8.2 | 4.0 | 6.9 | 2.9 | 3.6 | 2.9 | 2.1 | 0.9 | 1.0 | 1.1 | 0.9 | 0.8 | 0.8 | 0.8 | 0.4 |
| 10 720 | 0.18 | 0.002 | 0.8 | 0.6 | 1.5 | 1.5 | 11.0 | 24.8 | 12.8 | 10.3 | 5.7 | 3.7 | 2.5 | 3.3 | 1.4 | 1.4 | 1.2 | 1.0 | 0.8 | 0.9 | 1.1 | 0.8 | 0.9 | 1.2 |
| 10 1020 | 0.81 | 0.041 | 78.9 | 0.1 | 3.6 | 0.1 | 3.9 | 1.4 | 4.9 | 0.6 | 0.7 | 0.3 | 1.7 | 0.2 | 0.3 | 0.2 | 0.5 | 0.1 | 0.4 | 0.1 | 0.2 | 0.3 | 0.1 | 0.0 |
| 10 1320 | 1.15 | 0.083 | 82.5 | 0.0 | 4.2 | 0.1 | 3.9 | 0.5 | 3.1 | 0.7 | 0.5 | 0.1 | 1.3 | 0.1 | 0.3 | 0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 10 1620 | 1.30 | 0.106 | 85.2 | 0.0 | 4.6 | 0.0 | 4.0 | 0.2 | 2.6 | 0.2 | 0.1 | 0.0 | 1.2 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| 10 1920 | 0.15 | 0.001 | 2.3 | 1.0 | 6.5 | 1.8 | 5.2 | 7.9 | 7.2 | 8.9 | 4.8 | 2.0 | 2.8 | 1.0 | 1.5 | 1.9 | 0.8 | 2.1 | 1.5 | 0.9 | 1.3 | 1.8 | 1.6 | 0.8 |
| 10 2220 | 0.17 | 0.002 | 1.6 | 0.8 | 2.9 | 1.1 | 4.3 | 9.6 | 16.5 | 14.2 | 16.7 | 2.9 | 2.9 | 1.8 | 1.4 | 1.2 | 0.6 | 0.7 | 1.3 | 1.0 | 1.1 | 0.5 | 1.3 | 0.7 |
| 11 120 | 0.20 | 0.002 | 1.0 | 1.2 | 3.2 | 1.6 | 9.3 | 5.2 | 12.0 | 7.7 | 7.9 | 3.9 | 3.2 | 2.0 | 1.4 | 0.6 | 1.3 | 1.0 | 0.8 | 1.3 | 0.7 | 0.8 | 1.7 | 1.0 |
| 11 420 | 0.19 | 0.002 | 0.9 | 0.6 | 4.7 | 2.3 | 3.4 | 4.0 | 5.3 | 4.1 | 4.0 | 1.6 | 2.3 | 1.3 | 1.0 | 0.8 | 0.8 | 0.6 | 1.0 | 1.2 | 0.8 | 0.9 | 1.0 | 1.8 |
| 11 720 | 0.18 | 0.002 | 1.8 | 0.6 | 4.4 | 1.4 | 1.6 | 4.6 | 3.8 | 4.1 | 1.8 | 3.2 | 1.4 | 1.0 | 0.5 | 0.9 | 1.0 | 1.1 | 0.9 | 0.9 | 1.1 | 1.2 | 2.4 | 1.7 |
| 11 1020 | 1.43 | 0.127 | 84.2 | 0.0 | 4.7 | 0.0 | 3.3 | 0.1 | 2.9 | 0.1 | 0.1 | 0.0 | 1.1 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| 11 1320 | 1.39 | 0.122 | 86.4 | 0.0 | 4.3 | 0.0 | 3.9 | 0.1 | 2.2 | 0.1 | 0.3 | 0.1 | 0.9 | 0.1 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| 11 1620 | 1.36 | 0.115 | 86.6 | 0.0 | 4.5 | 0.0 | 3.5 | 0.0 | 2.3 | 0.1 | 0.3 | 0.1 | 0.9 | 0.1 | 0.1 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| 12 720 | 0.19 | 0.002 | 0.7 | 0.5 | 2.3 | 1.0 | 0.4 | 0.7 | 1.5 | 1.0 | 1.6 | 0.8 | 1.1 | 1.0 | 1.0 | 1.7 | 1.7 | 1.7 | 3.2 | 5.4 | 11.6 | 14.4 | 8.7 | 3.1 |
| 12 1020 | 1.33 | 0.111 | 87.1 | 0.0 | 4.2 | 0.0 | 3.7 | 0.0 | 2.2 | 0.0 | 0.2 | 0.0 | 0.9 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| 12 1320 | 1.35 | 0.114 | 83.3 | 0.0 | 4.3 | 0.0 | 3.4 | 0.0 | 2.2 | 0.0 | 0.2 | 0.0 | 0.8 | 0.0 | 0.1 | 0.0 | 0.3 | 0.1 | 0.2 | 0.2 | 0.3 | 1.3 | 0.9 | 0.9 |

KODIAK, ALASKA GAGE C12: INNEP BUOY
SEP 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.249 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 1620 | 1.26 | 0.099 | 86.5 | 0.0 | 3.9 | 0.0 | 3.6 | 0.0 | 2.1 | 0.0 | 0.2 | 0.0 | 1.0 | 0.1 | 0.1 | 0.1 | 0.5 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 |
| 13 420 | 0.24 | 0.004 | 0.5 | 0.4 | 0.6 | 1.5 | 0.8 | 0.4 | 0.7 | 0.8 | 0.7 | 0.6 | 1.1 | 0.8 | 1.2 | 1.0 | 1.2 | 2.4 | 5.6 | 8.1 | 25.8 | 10.9 | 7.6 | 5.9 |
| 13 720 | 1.30 | 0.105 | 86.7 | 0.0 | 4.5 | 0.0 | 3.6 | 0.0 | 2.5 | 0.0 | 0.1 | 0.0 | 1.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.1 | 0.2 |
| 13 1020 | 1.19 | 0.088 | 83.6 | 0.0 | 3.9 | 0.1 | 3.7 | 0.0 | 2.3 | 0.0 | 0.2 | 0.0 | 1.0 | 0.1 | 0.1 | 0.1 | 0.7 | 0.5 | 0.5 | 0.7 | 0.3 | 0.5 | 0.4 | 0.4 |
| 13 1320 | 1.13 | 0.080 | 82.0 | 0.0 | 4.6 | 0.1 | 3.6 | 0.0 | 2.2 | 0.1 | 0.3 | 0.1 | 1.1 | 0.3 | 0.5 | 0.5 | 0.9 | 0.5 | 0.6 | 0.3 | 0.6 | 0.4 | 0.2 | 0.3 |
| 13 1620 | 1.16 | 0.084 | 77.8 | 0.0 | 4.4 | 0.0 | 3.5 | 0.1 | 2.6 | 0.4 | 0.4 | 0.4 | 1.0 | 0.4 | 0.4 | 0.4 | 0.7 | 0.6 | 0.9 | 0.5 | 0.7 | 1.2 | 1.1 | 0.8 |
| 13 1920 | 0.32 | 0.006 | 0.3 | 0.1 | 0.6 | 0.8 | 0.7 | 1.8 | 5.8 | 6.9 | 10.8 | 15.8 | 9.1 | 5.3 | 3.7 | 4.3 | 3.9 | 4.2 | 2.0 | 2.4 | 1.9 | 2.6 | 3.6 | 2.6 |
| 13 2220 | 0.52 | 0.017 | 0.2 | 0.1 | 0.6 | 0.8 | 1.3 | 6.1 | 19.5 | 20.2 | 4.8 | 6.5 | 8.3 | 2.4 | 4.1 | 2.3 | 2.3 | 3.0 | 3.8 | 1.8 | 1.5 | 2.0 | 1.5 | 0.8 |
| 14 420 | 0.87 | 0.048 | 0.2 | 0.2 | 6.6 | 5.9 | 10.3 | 13.5 | 10.6 | 8.0 | 11.5 | 5.2 | 4.7 | 3.4 | 2.2 | 3.4 | 1.6 | 1.6 | 1.8 | 1.1 | 1.1 | 0.7 | 1.1 | 0.7 |
| 14 720 | 1.66 | 0.172 | 37.8 | 0.1 | 2.2 | 3.8 | 2.9 | 1.7 | 4.2 | 1.7 | 6.7 | 4.6 | 3.2 | 2.3 | 3.1 | 2.3 | 1.8 | 3.9 | 2.0 | 1.3 | 1.8 | 3.4 | 1.4 | 2.8 |
| 14 1020 | 1.52 | 0.144 | 37.6 | 0.1 | 3.2 | 8.2 | 8.3 | 1.7 | 4.2 | 4.4 | 3.5 | 3.8 | 3.4 | 2.5 | 2.3 | 3.2 | 2.4 | 1.7 | 1.4 | 1.2 | 2.0 | 1.0 | 0.9 | 0.9 |
| 14 1320 | 1.54 | 0.149 | 36.4 | 0.1 | 3.2 | 7.7 | 5.4 | 3.9 | 4.2 | 5.1 | 2.6 | 3.2 | 2.3 | 4.4 | 2.2 | 2.9 | 3.9 | 2.2 | 2.3 | 1.3 | 1.9 | 0.9 | 1.1 | 1.2 |
| 14 1620 | 1.42 | 0.125 | 41.5 | 0.1 | 6.9 | 6.4 | 2.0 | 1.6 | 2.0 | 2.4 | 3.9 | 3.6 | 3.0 | 1.6 | 2.9 | 2.8 | 3.3 | 1.3 | 2.5 | 2.1 | 2.4 | 1.9 | 1.5 | 1.5 |
| 14 2220 | 0.82 | 0.042 | 0.1 | 0.1 | 1.7 | 39.8 | 9.1 | 5.1 | 3.0 | 10.8 | 6.1 | 5.8 | 3.1 | 1.8 | 2.0 | 3.9 | 1.0 | 1.8 | 0.9 | 0.8 | 0.5 | 0.4 | 0.4 | 0.4 |
| 15 120 | 1.06 | 0.070 | 0.3 | 0.1 | 3.8 | 14.1 | 11.8 | 9.9 | 4.7 | 3.6 | 7.4 | 7.4 | 4.9 | 4.3 | 3.3 | 2.3 | 3.0 | 1.9 | 1.9 | 2.5 | 2.7 | 1.5 | 2.9 | 2.4 |
| 15 720 | 1.18 | 0.086 | 62.4 | 0.0 | 2.3 | 5.2 | 4.1 | 1.7 | 2.8 | 2.3 | 1.3 | 0.8 | 2.3 | 1.5 | 1.4 | 1.4 | 1.6 | 1.7 | 1.1 | 0.5 | 0.8 | 1.4 | 0.8 | 1.0 |
| 15 1020 | 1.21 | 0.092 | 52.1 | 0.0 | 3.6 | 13.3 | 7.6 | 1.5 | 2.6 | 1.1 | 1.4 | 2.1 | 1.5 | 0.9 | 0.7 | 0.7 | 0.8 | 1.2 | 1.9 | 1.4 | 1.1 | 0.8 | 0.8 | 1.0 |
| 15 1320 | 1.33 | 0.111 | 42.1 | 0.1 | 2.8 | 6.8 | 11.5 | 4.3 | 2.9 | 3.5 | 5.1 | 2.5 | 2.5 | 1.8 | 1.8 | 0.8 | 1.2 | 1.3 | 1.9 | 1.3 | 1.1 | 1.1 | 1.0 | 1.2 |
| 15 1620 | 1.34 | 0.112 | 40.4 | 0.1 | 4.4 | 5.6 | 11.8 | 4.6 | 4.1 | 1.5 | 6.9 | 2.0 | 3.0 | 1.3 | 0.9 | 1.6 | 2.0 | 1.1 | 1.5 | 1.0 | 2.2 | 0.7 | 0.8 | 0.5 |
| 15 1920 | 0.73 | 0.033 | 0.2 | 0.2 | 3.0 | 16.5 | 10.7 | 6.2 | 4.9 | 3.5 | 3.9 | 5.6 | 3.7 | 2.3 | 3.5 | 5.0 | 3.4 | 5.3 | 2.6 | 3.5 | 3.0 | 3.3 | 2.0 | 2.6 |
| 16 420 | 0.76 | 0.036 | 0.4 | 0.2 | 0.5 | 16.3 | 21.4 | 9.8 | 3.3 | 3.2 | 4.0 | 3.5 | 2.2 | 2.9 | 1.4 | 3.9 | 2.1 | 3.7 | 2.2 | 1.8 | 2.6 | 3.1 | 4.0 | 1.7 |
| 16 720 | 1.07 | 0.071 | 62.9 | 0.1 | 2.0 | 5.3 | 8.1 | 1.2 | 2.3 | 1.6 | 2.3 | 1.7 | 2.0 | 0.9 | 0.6 | 0.6 | 1.3 | 0.9 | 0.7 | 1.4 | 0.4 | 1.1 | 0.6 | 0.5 |
| 16 1020 | 1.07 | 0.071 | 58.1 | 0.1 | 2.0 | 7.9 | 8.0 | 1.3 | 3.0 | 1.6 | 2.4 | 1.5 | 1.0 | 0.8 | 0.8 | 1.5 | 0.9 | 0.7 | 0.7 | 0.7 | 0.9 | 0.7 | 1.0 | 1.0 |
| 16 1320 | 1.00 | 0.063 | 51.4 | 0.1 | 1.6 | 1.8 | 16.5 | 2.2 | 5.1 | 1.8 | 2.2 | 2.4 | 3.4 | 1.4 | 1.2 | 1.3 | 0.8 | 1.0 | 0.6 | 1.4 | 0.8 | 1.0 | 0.9 | 0.3 |
| 16 1620 | 1.00 | 0.063 | 61.4 | 0.1 | 2.4 | 1.5 | 11.0 | 4.6 | 4.7 | 1.1 | 1.5 | 1.5 | 1.5 | 0.5 | 0.4 | 0.5 | 1.0 | 0.8 | 0.6 | 0.4 | 0.4 | 1.0 | 0.6 | 0.7 |
| 16 1920 | 0.52 | 0.017 | 0.2 | 0.3 | 0.3 | 8.0 | 21.4 | 19.0 | 9.2 | 3.9 | 2.3 | 3.8 | 3.6 | 2.0 | 1.4 | 2.4 | 2.0 | 2.4 | 2.5 | 2.0 | 1.5 | 2.1 | 1.7 | 1.9 |
| 16 2220 | 0.42 | 0.011 | 0.3 | 0.3 | 0.2 | 3.3 | 30.6 | 16.0 | 9.3 | 7.1 | 2.3 | 3.2 | 5.1 | 1.6 | 2.2 | 1.8 | 1.0 | 1.5 | 2.3 | 1.9 | 1.6 | 1.2 | 1.7 | 1.3 |
| 17 120 | 0.48 | 0.015 | 0.3 | 0.2 | 0.4 | 1.8 | 28.4 | 20.6 | 7.4 | 7.0 | 2.6 | 4.6 | 3.4 | 2.4 | 2.2 | 1.5 | 1.5 | 1.9 | 1.6 | 1.1 | 2.0 | 2.5 | 1.3 | 1.2 |
| 17 420 | 0.46 | 0.013 | 0.2 | 0.5 | 0.5 | 1.1 | 23.7 | 18.3 | 12.8 | 5.8 | 4.0 | 2.3 | 2.8 | 4.1 | 1.5 | 1.6 | 2.9 | 3.4 | 1.3 | 2.4 | 1.3 | 1.7 | 1.9 | 1.6 |
| 17 720 | 0.90 | 0.051 | 74.8 | 0.1 | 2.6 | 0.2 | 5.7 | 6.9 | 1.6 | 0.9 | 0.7 | 0.3 | 1.2 | 0.6 | 0.3 | 0.2 | 0.7 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.5 |
| 17 1020 | 0.75 | 0.035 | 74.6 | 0.1 | 2.2 | 0.2 | 3.2 | 4.8 | 3.9 | 1.2 | 0.9 | 0.3 | 1.7 | 0.8 | 0.6 | 0.4 | 0.6 | 0.5 | 0.4 | 0.7 | 0.3 | 0.5 | 0.4 | 0.4 |
| 17 1320 | 0.76 | 0.036 | 71.1 | 0.1 | 2.1 | 0.1 | 4.7 | 3.6 | 4.8 | 2.2 | 1.3 | 0.6 | 1.4 | 0.6 | 0.8 | 0.6 | 0.7 | 0.4 | 0.5 | 0.6 | 0.4 | 1.2 | 0.6 | 0.4 |
| 17 1620 | 0.78 | 0.038 | 63.6 | 0.1 | 2.4 | 0.2 | 7.7 | 5.3 | 3.7 | 2.2 | 2.1 | 1.7 | 1.6 | 1.3 | 0.6 | 0.3 | 0.8 | 0.5 | 0.6 | 0.7 | 0.6 | 0.7 | 0.7 | 0.6 |
| 17 1920 | 0.30 | 0.006 | 0.3 | 1.3 | 0.8 | 1.3 | 22.6 | 21.6 | 5.0 | 4.1 | 3.2 | 4.6 | 3.5 | 2.4 | 2.8 | 2.1 | 1.7 | 1.8 | 2.5 | 2.3 | 2.0 | 1.2 | 2.8 | 1.9 |
| 17 2220 | 0.31 | 0.006 | 0.2 | 0.3 | 0.5 | 0.8 | 28.2 | 27.2 | 9.0 | 3.2 | 1.7 | 1.5 | 3.9 | 0.9 | 1.8 | 1.8 | 1.2 | 1.2 | 1.3 | 2.9 | 1.3 | 2.0 | 1.0 | 1.3 |
| 18 420 | 0.41 | 0.010 | 0.3 | 0.2 | 0.4 | 0.3 | 8.1 | 19.4 | 11.4 | 7.7 | 4.5 | 3.6 | 2.5 | 1.5 | 1.9 | 1.6 | 0.9 | 0.9 | 2.5 | 2.2 | 2.9 | 4.7 | 5.0 | 4.8 |
| 18 720 | 0.79 | 0.039 | 78.9 | 0.1 | 2.8 | 0.1 | 5.6 | 3.4 | 1.8 | 1.1 | 0.4 | 0.6 | 1.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.5 | 0.3 | 0.5 |
| 18 1020 | 0.68 | 0.029 | 81.0 | 0.1 | 2.7 | 0.1 | 4.1 | 2.4 | 3.3 | 0.5 | 0.4 | 0.4 | 1.1 | 0.3 | 0.4 | 0.2 | 0.6 | 0.1 | 0.1 | 0.3 | 0.2 | 0.4 | 0.2 | 0.2 |
| 18 1320 | 0.69 | 0.030 | 75.5 | 0.2 | 2.4 | 0.1 | 5.0 | 3.4 | 7.5 | 0.9 | 0.5 | 0.3 | 0.8 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.1 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 |
| 18 1620 | 0.66 | 0.027 | 74.7 | 0.1 | 2.3 | 0.1 | 4.8 | 3.6 | 4.4 | 2.0 | 1.7 | 0.9 | 0.5 | 0.2 | 0.3 | 0.4 | 0.6 | 0.3 | 0.2 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 |
| 18 1920 | 0.20 | 0.003 | 0.4 | 1.4 | 1.9 | 0.6 | 2.6 | 23.5 | 6.2 | 5.0 | 8.8 | 8.5 | 4.9 | 5.9 | 2.3 | 2.7 | 1.5 | 1.7 | 2.8 | 2.5 | 2.7 | 2.9 | 1.8 | 1.7 |
| 18 2220 | 0.17 | 0.002 | 0.5 | 1.2 | 2.8 | 0.8 | 4.4 | 21.9 | 13.4 | 5.1 | 3.3 | 5.7 | 4.0 | 5.3 | 2.1 | 4.0 | 3.4 | 1.9 | 1.3 | 1.9 | 2.6 | 2.3 | 1.5 | 1.3 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
SEP 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 120 | 0.19 | 0.002 | 2.7 | 2.5 | 4.0 | 0.8 | 4.8 | 17.0 | 11.0 | 7.4 | 2.6 | 4.1 | 4.8 | 2.9 | 2.9 | 3.8 | 1.9 | 2.5 | 1.9 | 2.8 | 2.4 | 2.2 | 1.5 | 1.4 |
| 19 1020 | 0.51 | 0.016 | 82.8 | 0.2 | 2.5 | 0.3 | 5.3 | 1.1 | 1.8 | 0.3 | 1.3 | 0.5 | 1.0 | 0.1 | 0.3 | 0.5 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 |
| 19 1320 | 0.45 | 0.013 | 83.8 | 0.3 | 2.5 | 0.2 | 4.8 | 0.6 | 1.9 | 0.5 | 0.9 | 0.3 | 0.8 | 0.3 | 0.2 | 0.7 | 0.1 | 0.2 | 0.1 | 0.3 | 0.1 | 0.2 | 0.2 | 0.1 |
| 19 1620 | 0.42 | 0.011 | 80.3 | 0.5 | 2.4 | 0.1 | 4.6 | 0.9 | 2.6 | 0.8 | 1.3 | 0.5 | 1.0 | 0.2 | 0.3 | 0.6 | 0.2 | 0.3 | 0.3 | 0.5 | 0.3 | 0.4 | 0.1 | 0.3 |
| 19 1920 | 0.14 | 0.001 | 0.7 | 3.6 | 4.7 | 3.4 | 2.8 | 8.5 | 12.5 | 2.9 | 3.8 | 5.2 | 4.3 | 3.9 | 4.5 | 3.8 | 3.4 | 1.4 | 2.0 | 2.0 | 3.3 | 2.3 | 3.7 | 2.4 |
| 19 2220 | 0.18 | 0.002 | 0.6 | 10.3 | 8.1 | 2.2 | 3.2 | 8.2 | 5.6 | 3.9 | 2.6 | 3.3 | 5.8 | 4.1 | 4.1 | 4.1 | 3.6 | 2.3 | 2.4 | 2.6 | 2.7 | 2.9 | 1.6 | 1.9 |
| 20 120 | 0.16 | 0.002 | 4.4 | 2.2 | 7.1 | 4.9 | 2.6 | 7.3 | 5.0 | 3.5 | 3.7 | 3.9 | 2.3 | 2.3 | 3.8 | 5.0 | 3.0 | 4.0 | 4.1 | 1.6 | 3.6 | 4.4 | 3.0 | 1.6 |
| 20 420 | 0.29 | 0.005 | 1.1 | 2.5 | 2.0 | 0.7 | 1.2 | 4.0 | 3.0 | 1.5 | 0.7 | 0.7 | 0.7 | 1.1 | 1.3 | 0.7 | 1.0 | 0.6 | 0.9 | 3.1 | 4.3 | 10.0 | 9.0 | 16.4 |
| 20 1020 | 0.41 | 0.010 | 73.4 | 0.3 | 3.0 | 0.3 | 5.8 | 0.6 | 1.0 | 0.3 | 1.7 | 0.3 | 0.8 | 0.2 | 0.3 | 1.0 | 0.7 | 0.8 | 1.1 | 0.4 | 0.2 | 0.3 | 0.9 | 1.0 |
| 20 1320 | 0.37 | 0.009 | 78.3 | 0.4 | 1.9 | 0.2 | 5.6 | 0.4 | 2.0 | 0.3 | 1.0 | 0.3 | 1.1 | 0.2 | 0.5 | 0.9 | 0.4 | 0.5 | 0.5 | 0.7 | 0.4 | 0.6 | 0.5 | 0.2 |
| 20 1620 | 0.48 | 0.015 | 46.2 | 0.2 | 1.3 | 0.3 | 3.7 | 0.3 | 0.9 | 0.3 | 0.9 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 1.0 | 1.8 | 2.6 | 3.1 | 6.5 |
| 20 1920 | 0.20 | 0.003 | 3.2 | 4.5 | 5.0 | 1.6 | 1.0 | 2.3 | 3.2 | 3.4 | 2.7 | 1.1 | 1.5 | 0.7 | 0.6 | 0.8 | 1.0 | 0.6 | 0.8 | 1.4 | 2.6 | 1.8 | 4.1 | 6.5 |
| 20 2220 | 0.20 | 0.002 | 3.8 | 3.8 | 10.2 | 2.0 | 3.0 | 2.1 | 5.6 | 3.9 | 5.0 | 1.9 | 3.2 | 0.8 | 1.7 | 1.1 | 1.4 | 2.4 | 1.0 | 2.4 | 2.8 | 2.1 | 1.1 | 3.2 |
| 21 420 | 0.17 | 0.002 | 1.5 | 5.9 | 11.1 | 1.5 | 1.8 | 4.3 | 7.9 | 5.2 | 2.2 | 3.2 | 2.3 | 3.0 | 2.1 | 2.8 | 1.9 | 2.0 | 2.3 | 2.7 | 4.0 | 3.6 | 3.3 | 3.2 |
| 21 720 | 0.20 | 0.003 | 0.5 | 2.0 | 6.1 | 2.1 | 1.0 | 1.6 | 1.9 | 1.9 | 3.9 | 2.6 | 1.9 | 1.2 | 0.9 | 2.3 | 2.4 | 3.5 | 2.9 | 3.4 | 2.3 | 5.8 | 6.7 | 5.3 |
| 21 1020 | 0.17 | 0.002 | 1.4 | 6.3 | 11.5 | 1.0 | 0.5 | 2.9 | 2.5 | 4.1 | 2.9 | 3.9 | 4.3 | 2.6 | 1.5 | 3.1 | 3.1 | 3.6 | 4.8 | 2.6 | 2.7 | 3.0 | 5.1 | 2.3 |
| 21 1320 | 0.16 | 0.001 | 3.4 | 9.9 | 9.6 | 2.0 | 0.9 | 1.7 | 1.9 | 1.6 | 2.2 | 2.9 | 2.9 | 4.2 | 1.9 | 1.7 | 2.5 | 1.8 | 3.9 | 2.8 | 2.9 | 3.9 | 3.3 | 2.3 |
| 21 1920 | 0.17 | 0.002 | 1.2 | 10.5 | 10.5 | 2.5 | 1.6 | 1.7 | 2.9 | 2.2 | 3.7 | 5.0 | 2.0 | 2.0 | 1.9 | 2.3 | 3.4 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 | 3.6 | 2.3 |
| 21 2220 | 0.21 | 0.003 | 0.9 | 2.9 | 4.5 | 1.1 | 1.5 | 1.4 | 1.1 | 1.8 | 2.2 | 3.0 | 1.7 | 1.5 | 3.6 | 5.1 | 11.7 | 15.5 | 9.2 | 3.6 | 4.3 | 4.9 | 4.6 | 4.2 |
| 22 1320 | 0.88 | 0.049 | 0.3 | 0.4 | 0.2 | 0.3 | 0.2 | 0.7 | 0.8 | 1.6 | 3.3 | 6.4 | 15.9 | 9.7 | 6.2 | 7.6 | 6.3 | 6.3 | 4.7 | 4.5 | 5.1 | 3.2 | 4.2 | 4.5 |
| 22 1620 | 0.80 | 0.040 | 0.6 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.5 | 3.0 | 4.8 | 12.9 | 5.3 | 10.2 | 5.9 | 7.8 | 5.6 | 6.5 | 4.8 | 4.9 | 7.9 | 4.5 | 5.3 | 2.8 |
| 23 1320 | 1.43 | 0.129 | 0.6 | 0.2 | 0.4 | 0.5 | 7.3 | 12.1 | 8.9 | 7.3 | 7.2 | 6.7 | 8.8 | 7.8 | 4.1 | 4.3 | 4.3 | 3.5 | 2.0 | 3.0 | 2.7 | 1.3 | 2.1 | 1.4 |
| 23 1620 | 1.02 | 0.065 | 0.6 | 0.1 | 0.2 | 0.5 | 6.3 | 11.7 | 6.0 | 6.9 | 6.9 | 4.4 | 7.3 | 4.2 | 4.2 | 6.2 | 3.9 | 2.5 | 5.0 | 5.5 | 3.4 | 2.6 | 1.7 | 4.5 |
| 23 1920 | 1.05 | 0.069 | 0.4 | 0.1 | 0.3 | 0.6 | 12.3 | 11.6 | 8.7 | 6.3 | 5.4 | 5.6 | 4.7 | 5.9 | 5.4 | 3.9 | 4.6 | 2.0 | 2.6 | 3.2 | 2.2 | 2.8 | 3.0 | 3.0 |
| 23 2220 | 1.07 | 0.071 | 0.3 | 0.1 | 0.3 | 4.9 | 13.8 | 8.0 | 3.7 | 8.0 | 3.5 | 5.9 | 5.5 | 9.1 | 4.8 | 5.1 | 4.4 | 3.4 | 3.1 | 2.4 | 3.5 | 3.0 | 1.0 | 2.5 |
| 24 420 | 0.66 | 0.027 | 0.3 | 0.2 | 1.1 | 9.6 | 20.6 | 7.9 | 7.4 | 4.4 | 6.8 | 2.9 | 3.2 | 4.1 | 3.4 | 2.9 | 2.4 | 1.2 | 4.1 | 2.8 | 2.7 | 2.6 | 1.8 | 2.1 |
| 24 720 | 0.71 | 0.032 | 0.2 | 0.1 | 0.6 | 2.8 | 19.6 | 10.0 | 11.3 | 3.1 | 4.2 | 3.3 | 4.3 | 5.8 | 4.1 | 3.5 | 3.5 | 2.1 | 3.7 | 3.0 | 3.5 | 2.5 | 1.5 | 1.6 |
| 26 720 | 0.41 | 0.010 | 0.6 | 0.2 | 0.7 | 0.3 | 1.2 | 2.5 | 1.6 | 1.0 | 0.5 | 0.8 | 1.1 | 1.0 | 3.1 | 5.9 | 6.4 | 5.6 | 7.7 | 9.1 | 7.9 | 9.4 | 7.7 | 10.0 |
| 26 1920 | 0.77 | 0.037 | 0.4 | 0.1 | 0.3 | 0.1 | 0.7 | 1.8 | 5.7 | 5.5 | 7.7 | 7.3 | 3.6 | 2.7 | 5.0 | 5.0 | 7.3 | 7.5 | 7.6 | 3.5 | 4.0 | 5.2 | 6.2 | 3.9 |

KODIAK, ALASKA  GAGE 012: INNER BUOY
OCT 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 1020 | 0.78 | 0.038 | 0.2 | 0.5 | 1.9 | 12.6 | 17.2 | 5.3 | 5.3 | 3.1 | 3.3 | 8.7 | 7.4 | 3.3 | 4.7 | 4.2 | 2.5 | 2.9 | 2.1 | 2.4 | 2.7 | 3.2 | 1.8 | 1.5 |
| 1 1320 | 0.70 | 0.031 | 0.3 | 1.4 | 3.4 | 14.8 | 15.5 | 8.3 | 4.2 | 6.6 | 8.4 | 6.5 | 2.1 | 3.4 | 1.7 | 1.5 | 4.3 | 1.5 | 1.7 | 1.4 | 3.2 | 1.3 | 2.8 | 1.5 |
| 1 1620 | 0.72 | 0.032 | 0.3 | 0.8 | 4.6 | 8.4 | 17.1 | 10.5 | 13.1 | 4.2 | 6.2 | 3.6 | 3.9 | 3.5 | 2.5 | 2.4 | 2.0 | 1.9 | 2.9 | 2.1 | 1.9 | 1.4 | 1.5 | 0.3 |

Whittier, Alaska

Summary Tables
Wave Data
March 10 - May 19, 1984

SHOTGUN COVE, HIGH-PASS FILTERED
MAR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| ~~10 1605~~ | ~~0.16~~ | ~~2.46~~ | ~~0.27~~ | ~~2.37~~ |
| ~~10 1905~~ | ~~0.15~~ | ~~3.18~~ | ~~0.31~~ | ~~2.30~~ |
| 10 2205 | 0.05 | 1.82 | 0.10 | 2.00 |
| 11 0105 | 0.05 | 1.62 | 0.10 | 1.91 |
| 11 0405 | 0.05 | 1.85 | 0.12 | 1.67 |
| 11 0705 | 0.03 | 9.66 | 0.06 | 7.75 |
| 11 1005 | 0.02 | 1.30 | 0.06 | 1.23 |
| 11 1605 | 0.02 | 16.75 | 0.03 | 7.00 |
| 11 1905 | 0.03 | 15.00 | 0.05 | 7.50 |
| 11 2205 | 0.02 | 9.00 | 0.05 | 4.75 |
| 12 0105 | 0.03 | 9.00 | 0.06 | 14.83 |
| 12 0405 | 0.02 | 7.50 | 0.05 | 10.00 |
| 12 0705 | 0.03 | 18.16 | 0.05 | 12.00 |
| 12 1005 | 0.01 | 1.75 | 0.03 | 4.50 |
| 12 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 1605 | 0.02 | 1.12 | 0.04 | 1.50 |
| 12 1905 | 0.03 | 14.08 | 0.05 | 12.75 |
| 12 2205 | 0.03 | 6.25 | 0.05 | 9.75 |
| 13 0105 | 0.03 | 8.00 | 0.05 | 7.58 |
| 13 0405 | 0.02 | 9.00 | 0.06 | 12.75 |
| 13 0705 | 0.02 | 4.25 | 0.04 | 6.75 |
| 13 1005 | 0.01 | 1.50 | 0.02 | 1.00 |
| 13 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 1905 | 0.03 | 9.25 | 0.06 | 9.25 |
| 13 2205 | 0.02 | 4.75 | 0.05 | 9.00 |
| 14 0105 | 0.02 | 9.25 | 0.06 | 4.75 |
| 14 0405 | 0.02 | 5.00 | 0.05 | 10.00 |
| 14 0705 | 0.01 | 8.00 | 0.05 | 5.00 |
| 14 1005 | 0.01 | 1.25 | 0.02 | 5.75 |
| 14 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 1905 | 0.03 | 14.00 | 0.05 | 8.50 |
| 14 2205 | 0.03 | ***** | 0.05 | 15.00 |
| 15 0105 | 0.02 | 9.50 | 0.05 | 2.75 |
| 15 0405 | 0.03 | 8.50 | 0.07 | 8.25 |

SHOTGUN COVE, HIGH-PASS FILTERED
MAR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 15 0705 | 0.02 | 6.00 | 0.05 | 2.33 |
| 15 1005 | 0.01 | 1.25 | 0.02 | 3.50 |
| 15 1305 | 0.01 | 2.33 | 0.03 | 2.25 |
| 15 1605 | 0.01 | 1.25 | 0.02 | 3.25 |
| 15 1905 | 0.02 | 7.33 | 0.05 | 4.75 |
| 15 2205 | 0.03 | 8.50 | 0.05 | 7.83 |
| 16 0105 | 0.03 | 3.33 | 0.05 | 8.00 |
| 16 0405 | 0.02 | 9.25 | 0.05 | 5.25 |
| 16 0705 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 1005 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 1905 | 0.03 | 14.50 | 0.06 | 14.33 |
| 16 2205 | 0.02 | 5.58 | 0.04 | 6.75 |
| 17 0105 | 0.02 | 10.00 | 0.05 | 5.25 |
| 17 0405 | 0.03 | 11.50 | 0.05 | 15.25 |
| 17 0705 | 0.03 | 10.00 | 0.04 | ***** |
| 17 1005 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 1305 | 0.01 | 3.50 | 0.02 | 11.00 |
| 17 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 1905 | 0.03 | 10.50 | 0.05 | 13.50 |
| 17 2205 | 0.03 | 7.75 | 0.06 | 17.75 |
| 18 0105 | 0.03 | 7.33 | 0.05 | 10.75 |
| 18 0405 | 0.03 | 7.50 | 0.05 | 9.00 |
| 18 0705 | 0.03 | 1.05 | 0.04 | 2.50 |
| 18 1005 | 0.05 | 1.34 | 0.15 | 1.31 |
| 18 1305 | 0.07 | 1.18 | 0.16 | 1.47 |
| 18 1605 | 0.04 | 1.19 | 0.10 | 1.13 |
| 18 1905 | 0.04 | 1.20 | 0.12 | 1.11 |
| 18 2205 | 0.05 | 1.13 | 0.10 | 1.28 |
| 19 0105 | 0.04 | 2.62 | 0.07 | 2.30 |
| 19 0405 | 0.03 | 2.75 | 0.07 | 1.37 |
| 19 0705 | 0.03 | 12.62 | 0.04 | 8.25 |
| 19 1005 | 0.03 | 6.00 | 0.03 | ***** |
| 19 1305 | 0.02 | ***** | 0.03 | 15.25 |
| 19 1605 | 0.01 | 1.25 | 0.03 | 1.75 |
| 19 1905 | 0.03 | 12.50 | 0.06 | 7.75 |
| 19 2205 | 0.02 | 9.00 | 0.06 | 8.00 |

SHOTGUN COVE, HIGH-PASS FILTERED
MAR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 20 0105 | 0.03 | 15.00 | 0.06 | 14.83 |
| 20 0405 | 0.03 | 13.00 | 0.05 | 13.50 |
| 20 0705 | 0.02 | 2.75 | 0.02 | ***** |
| 20 1005 | 0.01 | 1.50 | 0.02 | 3.75 |
| 20 1305 | 0.01 | 1.75 | 0.03 | 1.25 |
| 20 1605 | 0.01 | 1.50 | 0.02 | 5.50 |
| 20 1905 | 0.03 | 7.50 | 0.05 | 14.50 |
| 20 2205 | 0.02 | 12.00 | 0.05 | 9.00 |
| 21 0105 | 0.03 | 7.50 | 0.05 | 7.75 |
| 21 0405 | 0.03 | 11.83 | 0.06 | 7.50 |
| 21 0705 | 0.01 | 7.50 | 0.02 | 6.25 |
| 21 1005 | 0.01 | 2.00 | 0.02 | 2.75 |
| 21 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 1905 | 0.01 | 10.00 | 0.05 | 4.50 |
| 21 2205 | 0.02 | 9.25 | 0.05 | 9.50 |
| 22 0105 | 0.03 | 20.00 | 0.06 | 13.75 |
| 22 0405 | 0.03 | 9.00 | 0.05 | 11.00 |
| 22 0705 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 1005 | 0.03 | ***** | 0.03 | ***** |
| 22 1305 | 0.03 | 6.91 | 0.04 | 2.12 |
| 22 1605 | 0.08 | 1.51 | 0.19 | 1.49 |
| 22 1905 | 0.04 | 1.22 | 0.09 | 1.25 |
| 22 2205 | 0.05 | 1.31 | 0.11 | 1.31 |
| 23 0105 | 0.04 | 1.31 | 0.10 | 1.14 |
| 23 0405 | 0.05 | 1.66 | 0.10 | 2.40 |
| 23 0705 | 0.05 | 1.07 | 0.11 | 2.57 |
| 23 1005 | 0.03 | 2.12 | 0.05 | 0.91 |
| 23 1305 | 0.03 | 10.04 | 0.04 | 7.12 |
| 23 1605 | 0.01 | 1.25 | 0.03 | 1.25 |
| 23 1905 | 0.01 | 10.00 | 0.05 | 8.75 |
| 23 2205 | 0.03 | ***** | 0.06 | 10.75 |
| 24 0105 | 0.03 | 13.00 | 0.05 | 13.50 |
| 24 0405 | 0.03 | 9.00 | 0.06 | 7.00 |
| 24 0705 | 0.02 | ***** | 0.02 | ***** |
| 24 1005 | 0.03 | ***** | 0.03 | ***** |
| 24 1305 | 0.01 | 1.00 | 0.02 | 2.50 |

SHOTGUN COVE, HIGH-PASS FILTERED
MAR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 24 1605 | 0.01 | 2.50 | 0.03 | 2.00 |
| 24 1905 | 0.02 | 5.50 | 0.05 | 3.50 |
| 24 2205 | 0.03 | ***** | 0.06 | 15.50 |
| 25 0105 | 0.02 | 6.00 | 0.05 | 7.00 |
| 25 0405 | 0.03 | 13.00 | 0.06 | ***** |
| 25 0705 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 1005 | 0.03 | ***** | 0.03 | 5.50 |
| 25 1305 | 0.06 | 2.50 | 0.13 | 2.54 |
| 25 1605 | 0.01 | 2.00 | 0.03 | 2.50 |
| 25 1905 | 0.01 | 4.75 | 0.05 | 8.00 |
| 25 2205 | 0.02 | 6.83 | 0.05 | 8.50 |
| 26 0105 | 0.03 | 18.33 | 0.06 | 16.25 |
| 26 0405 | 0.02 | 8.50 | 0.06 | 10.00 |
| 26 0705 | 0.01 | 2.00 | 0.03 | 2.25 |
| 26 1005 | 0.02 | ***** | 0.03 | ***** |
| 26 1305 | 0.07 | 1.60 | 0.13 | 1.70 |
| 26 1605 | 0.16 | 1.78 | 0.30 | 1.90 |
| 26 1905 | 0.12 | 2.01 | 0.24 | 1.65 |
| 26 2205 | 0.11 | 1.89 | 0.23 | 1.70 |
| 27 0105 | 0.12 | 1.73 | 0.24 | 2.06 |
| 27 0405 | 0.19 | 2.18 | 0.40 | 1.85 |
| 27 0705 | 0.15 | 1.98 | 0.28 | 1.69 |
| 27 1005 | 0.20 | 2.73 | 0.38 | 2.48 |
| 27 1305 | 0.11 | 2.28 | 0.23 | 1.92 |
| 27 1605 | 0.09 | 1.83 | 0.23 | 2.05 |
| 27 1905 | 0.05 | 1.64 | 0.09 | 3.25 |
| 27 2205 | 0.03 | 13.50 | 0.06 | 13.00 |
| 28 0105 | 0.03 | 9.50 | 0.05 | 9.50 |
| 28 0405 | 0.03 | 7.16 | 0.06 | 7.25 |
| 28 0705 | 0.01 | 1.50 | 0.02 | 3.25 |
| 28 1005 | 0.01 | 4.50 | 0.02 | 1.00 |
| 28 1305 | 0.03 | 1.58 | 0.07 | 1.83 |
| 28 1605 | 0.02 | 1.15 | 0.06 | 1.25 |
| 28 1905 | 0.06 | 1.70 | 0.12 | 1.70 |
| 28 2205 | 0.22 | 2.39 | 0.44 | 2.53 |
| 29 0105 | 0.27 | 2.43 | 0.52 | 2.17 |
| 29 0405 | 0.16 | 2.43 | 0.31 | 2.15 |

SHOTGUN COVE, HIGH-PASS FILTERED
MAR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 29 0705 | 0.10 | 1.90 | 0.19 | 1.78 |
| 29 1005 | 0.02 | 1.87 | 0.05 | 2.33 |
| 29 1305 | 0.02 | 2.16 | 0.05 | 2.05 |
| 29 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 1905 | 0.02 | 8.16 | 0.06 | 4.50 |
| 29 2205 | 0.02 | 8.50 | 0.05 | 5.25 |
| 30 0105 | 0.02 | 7.00 | 0.05 | 6.00 |
| 30 0405 | 0.09 | 1.27 | 0.20 | 1.28 |
| 30 0705 | 0.02 | 1.06 | 0.06 | 1.30 |
| 30 1005 | 0.03 | 4.83 | 0.05 | 7.00 |
| 30 1305 | 0.03 | ***** | 0.05 | 4.33 |
| 30 1605 | 0.03 | ***** | 0.03 | ***** |
| 30 1905 | 0.02 | ***** | 0.03 | 1.75 |
| 30 2205 | 0.03 | 14.50 | 0.06 | 8.00 |
| 31 0105 | 0.02 | 9.25 | 0.06 | 5.50 |
| 31 0405 | 0.03 | 9.75 | 0.07 | 2.75 |
| 31 0705 | 0.10 | 1.61 | 0.20 | 1.70 |
| 31 1005 | 0.18 | 1.73 | 0.32 | 1.90 |
| 31 1305 | 0.22 | 2.14 | 0.45 | 2.28 |
| 31 1605 | 0.15 | 1.97 | 0.29 | 1.92 |
| 31 1905 | 0.14 | 2.01 | 0.27 | 1.87 |
| 31 2205 | 0.18 | 2.09 | 0.36 | 2.12 |

SHOTGUN COVE, HIGH-PASS FILTERED
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 1 0105 | 0.18 | 2.29 | 0.35 | 2.10 |
| 1 0405 | 0.17 | 2.08 | 0.36 | 2.02 |
| 1 0705 | 0.27 | 2.18 | 0.44 | 1.96 |
| 1 1005 | 0.19 | 2.23 | 0.36 | 1.92 |
| 1 1305 | 0.14 | 1.94 | 0.28 | 1.70 |
| 1 1605 | 0.07 | 1.90 | 0.14 | 1.76 |
| 1 1905 | 0.02 | 2.08 | 0.05 | 1.83 |
| 1 2205 | 0.03 | 11.00 | 0.06 | 7.50 |
| 2 0105 | 0.02 | 9.83 | 0.05 | 9.00 |
| 2 0405 | 0.03 | 20.00 | 0.06 | 11.83 |
| 2 0705 | 0.01 | 4.50 | 0.02 | 1.50 |
| 2 1005 | 0.01 | 3.50 | 0.02 | 1.50 |
| 2 1305 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 1605 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 1905 | 0.01 | 1.75 | 0.02 | 1.25 |
| 2 2205 | 0.04 | 2.58 | 0.08 | 1.30 |
| 3 0105 | 0.06 | 1.41 | 0.14 | 1.29 |
| 3 0405 | 0.04 | 1.42 | 0.10 | 4.55 |
| 3 0705 | 0.06 | 1.25 | 0.13 | 1.48 |
| 3 1005 | 0.05 | 1.20 | 0.12 | 1.06 |
| 3 1305 | 0.04 | 1.25 | 0.09 | 1.11 |
| 3 1605 | 0.03 | 5.12 | 0.04 | 8.91 |
| 3 1905 | 0.03 | ***** | 0.03 | ***** |
| 3 2205 | 0.03 | 8.75 | 0.06 | 5.83 |
| 4 0105 | 0.03 | 2.87 | 0.07 | 2.33 |
| 4 0405 | 0.03 | 4.00 | 0.05 | 9.75 |
| 4 0705 | 0.01 | 1.75 | 0.03 | 1.75 |
| 4 1005 | 0.01 | 1.75 | 0.03 | 1.25 |
| 4 1305 | 0.04 | 1.40 | 0.09 | 1.53 |
| 4 1605 | 0.03 | 1.50 | 0.04 | 2.53 |
| 4 1905 | 0.03 | 9.50 | 0.05 | 7.50 |
| 4 2205 | 0.04 | 10.12 | 0.06 | 10.25 |
| 5 0105 | 0.04 | 1.66 | 0.08 | 1.52 |
| 5 0405 | 0.14 | 1.84 | 0.28 | 1.74 |
| 5 0705 | 0.07 | 1.60 | 0.17 | 1.70 |
| 5 1005 | 0.13 | 1.90 | 0.26 | 2.04 |
| 5 1305 | 0.08 | 1.53 | 0.16 | 1.59 |
| 5 1605 | 0.04 | 1.57 | 0.06 | 1.78 |

SHOTGUN COVE, HIGH-PASS FILTERED
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 5 1905 | 0.03 | 10.75 | 0.03 | ***** |
| 5 2205 | 0.04 | 2.25 | 0.07 | 8.25 |
| 6 0105 | 0.03 | 16.25 | 0.06 | ***** |
| 6 0405 | 0.03 | 14.50 | 0.06 | 7.33 |
| 6 0705 | 0.03 | 2.37 | 0.07 | 2.25 |
| 6 1005 | 0.02 | ***** | 0.02 | ***** |
| 6 1305 | 0.01 | 1.75 | 0.03 | 2.25 |
| 6 1605 | 0.01 | 2.25 | 0.05 | 2.25 |
| 6 1905 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 2205 | 0.02 | 9.33 | 0.06 | 5.33 |
| 7 0105 | 0.03 | 5.75 | 0.05 | 9.00 |
| 7 0405 | 0.03 | 14.00 | 0.05 | 10.83 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 7 1800 | 0.03 | 13.50 | 0.03 | 20.00 |
| 7 2100 | 0.02 | 9.00 | 0.06 | 9.50 |
| 8 0000 | 0.02 | 6.50 | 0.05 | 11.75 |
| 8 0300 | 0.03 | 14.00 | 0.06 | 17.75 |
| 8 0600 | 0.02 | 7.50 | 0.05 | 8.00 |
| 8 0900 | 0.05 | 1.38 | 0.16 | 1.50 |
| 8 1200 | 0.12 | 1.66 | 0.24 | 1.91 |
| 8 1500 | 0.20 | 3.74 | 0.42 | 1.99 |
| 8 1800 | 0.12 | 2.05 | 0.26 | 1.72 |
| 8 2100 | 0.08 | 1.92 | 0.18 | 1.78 |
| 9 0000 | 0.02 | 9.00 | 0.04 | 4.00 |
| 9 0300 | 0.02 | 4.62 | 0.05 | 5.25 |
| 9 0600 | 0.03 | 17.00 | 0.04 | 12.75 |
| 9 0900 | 0.01 | 1.25 | 0.03 | 2.50 |
| 9 1200 | 0.01 | 1.07 | 0.05 | 1.25 |
| 9 1500 | 0.01 | 2.50 | 0.02 | 2.00 |
| 9 1800 | 0.06 | 1.51 | 0.11 | 1.25 |
| 9 2100 | 0.04 | 7.43 | 0.09 | 1.17 |
| 10 0000 | 0.03 | 1.66 | 0.07 | 1.15 |
| 10 0300 | 0.06 | 1.21 | 0.15 | 1.27 |
| 10 0600 | 0.06 | 1.23 | 0.14 | 1.22 |
| 10 0900 | 0.04 | 2.62 | 0.07 | 1.41 |
| 10 1200 | 0.06 | 1.22 | 0.13 | 1.16 |
| 10 1500 | 0.04 | 2.55 | 0.07 | 1.17 |
| 10 1800 | 0.03 | 5.62 | 0.04 | 6.12 |
| 10 2100 | 0.03 | 7.25 | 0.05 | 5.05 |
| 11 0000 | 0.02 | 7.50 | 0.06 | 9.75 |
| 11 0300 | 0.03 | 3.47 | 0.09 | 9.77 |
| 11 0600 | 0.02 | 2.25 | 0.04 | 3.00 |
| 11 0900 | 0.03 | 2.75 | 0.05 | 3.08 |
| 11 1200 | 0.02 | 4.00 | 0.04 | 2.50 |
| 11 1500 | 0.01 | 1.75 | 0.04 | 1.75 |
| 11 1800 | 0.01 | 2.83 | 0.04 | 2.50 |
| 11 2100 | 0.03 | 3.16 | 0.08 | 9.00 |
| 12 0000 | 0.03 | 2.83 | 0.06 | 7.25 |
| 12 0300 | 0.02 | 5.25 | 0.06 | 4.50 |
| 12 0600 | 0.01 | 2.00 | 0.03 | 2.50 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 12 0900 | 0.02 | 2.50 | 0.04 | 3.33 |
| 12 1200 | 0.01 | 2.50 | 0.03 | 2.16 |
| 12 1500 | 0.01 | 2.75 | 0.05 | 2.75 |
| 12 1800 | 0.01 | 3.00 | 0.02 | 1.50 |
| 12 2100 | 0.02 | 9.25 | 0.05 | 13.25 |
| 13 0000 | 0.02 | 7.75 | 0.05 | 8.00 |
| 13 0300 | 0.02 | 9.50 | 0.05 | 7.75 |
| 13 0600 | 0.01 | 3.25 | 0.04 | 1.58 |
| 13 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 1200 | 0.02 | 1.75 | 0.06 | 1.50 |
| 13 1500 | 0.08 | 2.00 | 0.19 | 1.88 |
| 13 1800 | 0.16 | 1.95 | 0.27 | 2.10 |
| 13 2100 | 0.11 | 2.15 | 0.21 | 2.37 |
| 14 0000 | 0.03 | 11.66 | 0.06 | 12.83 |
| 14 0300 | 0.02 | 8.00 | 0.05 | 7.50 |
| 14 0600 | 0.01 | 5.00 | 0.02 | 1.50 |
| 14 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 1200 | 0.03 | 1.33 | 0.05 | 1.58 |
| 14 1500 | 0.04 | 1.98 | 0.08 | 2.03 |
| 14 1800 | 0.03 | 2.66 | 0.05 | 2.37 |
| 14 2100 | 0.03 | 12.83 | 0.05 | 15.50 |
| 15 0000 | 0.03 | 17.50 | 0.06 | 16.00 |
| 15 0300 | 0.03 | 15.08 | 0.06 | 16.50 |
| 15 0600 | 0.01 | 1.25 | 0.03 | 1.75 |
| 15 0900 | 0.05 | 1.40 | 0.10 | 1.41 |
| 15 1200 | 0.03 | 2.12 | 0.05 | 2.04 |
| 15 1500 | 0.05 | 1.45 | 0.11 | 1.35 |
| 15 1800 | 0.06 | 1.63 | 0.14 | 1.60 |
| 15 2100 | 0.07 | 1.61 | 0.15 | 1.31 |
| 16 0000 | 0.14 | 2.02 | 0.35 | 1.86 |
| 16 0300 | 0.08 | 1.89 | 0.18 | 1.75 |
| 16 0600 | 0.03 | 1.40 | 0.05 | 6.00 |
| 16 0900 | 0.04 | 1.72 | 0.13 | 1.67 |
| 16 1200 | 0.10 | 1.80 | 0.20 | 1.87 |
| 16 1500 | 0.06 | 2.58 | 0.14 | 1.46 |
| 16 1800 | 0.04 | 1.35 | 0.07 | 1.30 |
| 16 2100 | 0.04 | 1.65 | 0.08 | 1.59 |
| 17 0000 | 0.04 | 3.25 | 0.07 | 1.40 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 17 0300 | 0.03 | 12.75 | 0.07 | 11.25 |
| 17 0600 | 0.01 | 2.00 | 0.03 | 1.00 |
| 17 0900 | 0.03 | ***** | 0.03 | ***** |
| 17 1200 | 0.03 | 7.50 | 0.03 | ***** |
| 17 1500 | 0.03 | ***** | 0.03 | ***** |
| 17 1800 | 0.03 | ***** | 0.03 | ***** |
| 17 2100 | 0.03 | 15.00 | 0.06 | 10.50 |
| 18 0000 | 0.03 | 7.33 | 0.05 | 15.00 |
| 18 0300 | 0.03 | 4.87 | 0.06 | 2.25 |
| 18 0600 | 0.02 | 6.08 | 0.16 | 1.25 |
| 18 0900 | 0.03 | 1.15 | 0.05 | 2.12 |
| 18 1200 | 0.08 | 1.29 | 0.17 | 1.35 |
| 18 1500 | 0.11 | 1.48 | 0.21 | 1.35 |
| 18 1800 | 0.12 | 3.01 | 0.23 | 1.53 |
| 18 2100 | 0.09 | 1.54 | 0.18 | 1.52 |
| 19 0000 | 0.08 | 1.40 | 0.20 | 1.25 |
| 19 0300 | 0.05 | 1.13 | 0.09 | 1.83 |
| 19 0600 | 0.03 | 2.25 | 0.04 | 3.00 |
| 19 0900 | 0.02 | 3.25 | 0.03 | 2.75 |
| 19 1200 | 0.01 | 2.00 | 0.03 | 2.50 |
| 19 1500 | 0.03 | ***** | 0.03 | ***** |
| 19 1800 | 0.01 | 3.00 | 0.12 | 14.00 |
| 19 2100 | 0.03 | 9.00 | 0.05 | 9.25 |
| 20 0000 | 0.03 | 7.75 | 0.06 | 12.50 |
| 20 0300 | 0.03 | ***** | 0.06 | 15.00 |
| 20 0600 | 0.03 | 9.25 | 0.04 | 6.37 |
| 20 0900 | 0.03 | ***** | 0.03 | ***** |
| 20 1200 | 0.03 | 1.58 | 0.04 | 4.50 |
| 20 1500 | 0.05 | 3.16 | 0.11 | 2.35 |
| 20 1800 | 0.09 | 2.07 | 0.19 | 1.80 |
| 20 2100 | 0.10 | 1.84 | 0.22 | 1.80 |
| 21 0000 | 0.15 | 2.81 | 0.32 | 2.09 |
| 21 0300 | 0.12 | 1.95 | 0.23 | 2.20 |
| 21 0600 | 0.07 | 1.65 | 0.14 | 1.81 |
| 21 0900 | 0.22 | 2.10 | 0.38 | 2.32 |
| 21 1200 | 0.17 | 2.04 | 0.33 | 1.90 |
| 21 1500 | 0.15 | 2.02 | 0.27 | 2.14 |
| 21 1800 | 0.13 | 2.32 | 0.26 | 2.00 |

SHUTGUN COVE, AK (H-P FILTERED)
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 21 2100 | 0.16 | 2.46 | 0.32 | 1.75 |
| 22 0000 | 0.14 | 1.88 | 0.29 | 2.03 |
| 22 0300 | 0.05 | 1.83 | 0.08 | 2.33 |
| 22 0600 | 0.01 | 2.25 | 0.03 | 2.08 |
| 22 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 1200 | 0.01 | 1.25 | 0.03 | 1.75 |
| 22 1500 | 0.03 | 1.58 | 0.04 | 5.41 |
| 22 1800 | 0.03 | 9.41 | 0.03 | ***** |
| 22 2100 | 0.04 | 1.12 | 0.09 | 1.14 |
| 23 0000 | 0.06 | 1.27 | 0.13 | 1.30 |
| 23 0300 | 0.04 | 1.23 | 0.08 | 1.13 |
| 23 0600 | 0.04 | 1.16 | 0.10 | 1.16 |
| 23 0900 | 0.04 | 1.23 | 0.11 | 1.30 |
| 23 1200 | 0.03 | 17.50 | 0.03 | 11.00 |
| 23 1500 | 0.01 | 1.25 | 0.03 | 1.75 |
| 23 1800 | 0.01 | 1.25 | 0.04 | 1.87 |
| 23 2100 | 0.05 | 2.08 | 0.11 | 1.41 |
| 24 0000 | 0.03 | 6.75 | 0.05 | 1.58 |
| 24 0300 | 0.12 | 1.83 | 0.23 | 1.86 |
| 24 0600 | 0.04 | 3.99 | 0.14 | 12.00 |
| 24 0900 | 0.01 | 1.75 | 0.03 | 1.75 |
| 24 1200 | 0.01 | 3.75 | 0.03 | 1.75 |
| 24 1500 | 0.03 | ***** | 0.03 | ***** |
| 24 1800 | 0.01 | 4.00 | 0.02 | 3.25 |
| 24 2100 | 0.03 | 1.60 | 0.08 | 3.87 |
| 25 0000 | 0.02 | 3.00 | 0.09 | 10.66 |
| 25 0300 | 0.02 | 9.75 | 0.05 | 9.50 |
| 25 0600 | 0.01 | 1.83 | 0.04 | 1.75 |
| 25 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 1200 | 0.01 | 8.50 | 0.02 | 1.00 |
| 25 1500 | 0.03 | 1.20 | 0.05 | 4.50 |
| 25 1800 | 0.03 | 18.50 | 0.03 | ***** |
| 25 2100 | 0.03 | 5.04 | 0.06 | 4.75 |
| 26 0000 | 0.06 | 1.69 | 0.11 | 1.60 |
| 26 0300 | 0.19 | 2.00 | 0.37 | 1.99 |
| 26 0600 | 0.16 | 2.00 | 0.29 | 1.88 |
| 26 0900 | 0.17 | 2.74 | 0.32 | 1.66 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 26 1200 | 0.11 | 1.76 | 0.20 | 1.96 |
| 26 1500 | 0.06 | 1.95 | 0.11 | 1.71 |
| 26 1800 | 0.05 | 1.56 | 0.10 | 1.64 |
| 26 2100 | 0.03 | 7.33 | 0.06 | 8.25 |
| 27 0000 | 0.04 | 8.00 | 0.07 | 7.62 |
| 27 0300 | 0.03 | 7.25 | 0.05 | 9.50 |
| 27 0600 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 1200 | 0.01 | 1.50 | 0.02 | 1.25 |
| 27 1500 | 0.02 | 1.70 | 0.05 | 1.25 |
| 27 1800 | 0.04 | 1.58 | 0.08 | 1.68 |
| 27 2100 | 0.03 | 2.55 | 0.06 | 1.90 |
| 28 0000 | 0.04 | 10.25 | 0.06 | 7.58 |
| 28 0300 | 0.04 | 2.00 | 0.09 | 2.62 |
| 28 0600 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 1200 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 1500 | 0.01 | 1.50 | 0.03 | 1.00 |
| 28 1800 | 0.06 | 1.79 | 0.12 | 1.74 |
| 28 2100 | 0.03 | 1.50 | 0.07 | 1.77 |
| 29 0000 | 0.05 | 1.67 | 0.09 | 1.85 |
| 29 0300 | 0.03 | 2.30 | 0.06 | 7.33 |
| 29 0600 | 0.03 | 1.65 | 0.07 | 1.69 |
| 29 0900 | 0.08 | 1.80 | 0.17 | 2.06 |
| 29 1200 | 0.02 | 4.50 | 0.07 | 1.33 |
| 29 1500 | 0.05 | 1.59 | 0.09 | 1.69 |
| 29 1800 | 0.06 | 1.68 | 0.13 | 1.67 |
| 29 2100 | 0.06 | 6.02 | 0.12 | 1.84 |
| 30 0000 | 0.12 | 1.83 | 0.22 | 1.97 |
| 30 0300 | 0.06 | 1.76 | 0.12 | 1.73 |
| 30 0600 | 0.05 | 1.72 | 0.10 | 1.98 |
| 30 0900 | 0.05 | 1.68 | 0.11 | 1.67 |
| 30 1200 | 0.05 | 1.63 | 0.08 | 1.52 |
| 30 1500 | 0.05 | 1.87 | 0.12 | 1.89 |
| 30 1800 | 0.04 | 1.54 | 0.10 | 1.64 |
| 30 2100 | 0.04 | 5.27 | 0.07 | 5.58 |

SHOTGUN COVE, AK (H-P FILTERED)
MAY 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 1 0000 | 0.03 | 3.60 | 0.06 | 3.12 |
| 1 0300 | 0.12 | 1.75 | 0.25 | 1.64 |
| 1 0600 | 0.05 | 1.69 | 0.09 | 1.56 |
| 1 0900 | 0.06 | 1.60 | 0.14 | 1.77 |
| 1 1200 | 0.03 | 1.20 | 0.07 | 1.96 |
| 1 1500 | 0.01 | 5.00 | 0.02 | 1.75 |
| 1 1800 | 0.04 | 1.44 | 0.11 | 1.27 |
| 1 2100 | 0.12 | 2.14 | 0.27 | 1.80 |
| 2 0000 | 0.07 | 1.69 | 0.14 | 1.78 |
| 2 0300 | 0.03 | 3.75 | 0.06 | 1.75 |
| 2 0600 | 0.03 | 1.67 | 0.06 | 2.33 |
| 2 0900 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 1200 | 0.03 | ***** | 0.04 | ***** |
| 2 1500 | 0.01 | 1.75 | 0.03 | 1.75 |
| 2 1800 | 0.01 | 2.66 | 0.05 | 2.75 |
| 2 2100 | 0.03 | 9.00 | 0.05 | 9.25 |
| 3 0000 | 0.04 | 14.25 | 0.06 | 13.50 |
| 3 0300 | 0.04 | 14.25 | 0.06 | 13.50 |
| 3 0600 | 0.03 | 1.79 | 0.07 | 1.64 |
| 3 0900 | 0.03 | 1.63 | 0.05 | 1.62 |
| 3 1200 | 0.05 | 1.50 | 0.11 | 1.50 |
| 3 1500 | 0.11 | 1.78 | 0.22 | 2.04 |
| 3 1800 | 0.10 | 1.99 | 0.22 | 1.95 |
| 3 2100 | 0.09 | 2.04 | 0.23 | 2.09 |
| 4 0000 | 0.04 | 13.40 | 0.08 | 1.83 |
| 4 0300 | 0.04 | 2.13 | 0.08 | 2.16 |
| 4 0600 | 0.05 | 1.60 | 0.09 | 1.75 |
| 4 0900 | 0.01 | 1.75 | 0.03 | 1.75 |
| 4 1200 | 0.03 | ***** | 0.03 | ***** |
| 4 1500 | 0.02 | ***** | 0.03 | ***** |
| 4 1800 | 0.01 | 4.00 | 0.02 | 4.00 |
| 4 2100 | 0.04 | 13.25 | 0.06 | 14.25 |
| 5 0000 | 0.04 | 14.00 | 0.06 | 12.75 |
| 5 0300 | 0.04 | 13.00 | 0.06 | 13.75 |
| 5 0600 | 0.03 | ***** | 0.03 | ***** |
| 5 0900 | 0.03 | ***** | 0.03 | ***** |

SHOTGUN COVE, AK
MAY 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 6 1505 | 0.05 | 3.50 | 0.09 | 2.91 |
| 6 1805 | 0.02 | ***** | 0.05 | ***** |
| 6 2105 | 0.01 | 10.50 | 0.02 | 18.50 |
| 7 0005 | 0.02 | ***** | 0.02 | 19.50 |
| 7 0305 | 0.01 | 16.50 | 0.03 | ***** |
| 7 0605 | 0.01 | ***** | 0.05 | 16.00 |
| 7 0905 | 0.02 | ***** | 0.06 | ***** |
| 7 1205 | 0.02 | ***** | 0.05 | ***** |
| 7 1505 | 0.02 | 2.27 | 0.13 | 2.22 |
| 7 1805 | 0.02 | ***** | 0.03 | ***** |
| 7 2105 | 0.02 | ***** | 0.03 | 16.00 |
| 8 0005 | 0.02 | ***** | 0.06 | ***** |
| 8 0305 | 0.02 | ***** | 0.06 | ***** |
| 8 0605 | 0.03 | ***** | 0.07 | 17.87 |
| 8 0905 | 0.05 | 1.21 | 0.09 | 1.11 |
| 8 1205 | 0.05 | 1.16 | 0.09 | 1.09 |
| 8 1505 | 0.02 | ***** | 0.05 | ***** |
| 8 1805 | 0.02 | 15.50 | 0.03 | 15.50 |
| 8 2105 | 0.02 | ***** | 0.03 | ***** |
| 9 0005 | 0.01 | 16.50 | 0.02 | 18.00 |
| 9 0305 | 0.02 | ***** | 0.03 | ***** |
| 9 0605 | 0.01 | ***** | 0.04 | 19.00 |
| 9 0905 | 0.02 | ***** | 0.05 | 8.50 |
| 9 1205 | 0.03 | ***** | 0.07 | 1.13 |
| 9 1505 | 0.02 | 1.25 | 0.04 | ***** |
| 9 1805 | 0.02 | 19.75 | 0.04 | 13.50 |
| 9 2105 | 0.01 | 9.25 | 0.02 | 10.50 |
| 10 0005 | 0.01 | ***** | 0.04 | ***** |
| 10 0305 | 0.02 | ***** | 0.05 | ***** |
| 10 0605 | 0.02 | 17.50 | 0.04 | ***** |
| 10 0905 | 0.13 | 2.40 | 0.24 | 2.13 |
| 10 1205 | 0.02 | ***** | 0.04 | ***** |
| 10 1505 | 0.01 | ***** | 0.03 | ***** |
| 10 1805 | 0.03 | 1.30 | 0.05 | 1.12 |
| 10 2105 | 0.03 | 1.46 | 0.05 | 1.33 |
| 11 0005 | 0.01 | 15.00 | 0.02 | 2.50 |
| 11 0305 | 0.03 | ***** | 0.03 | ***** |

SHOTGUN COVE, AK
MAY 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 11 0605 | 0.03 | ***** | 0.03 | ***** |
| 11 0905 | 0.01 | 5.00 | 0.02 | 15.50 |
| 11 1205 | 0.03 | ***** | 0.05 | 12.00 |
| 11 1505 | 0.03 | ***** | 0.06 | 1.50 |
| 11 1805 | 0.03 | 1.48 | 0.06 | 1.58 |
| 11 2105 | 0.03 | ***** | 0.07 | ***** |
| 12 0005 | 0.03 | 7.97 | 0.06 | 16.12 |
| 12 0305 | 0.04 | 2.47 | 0.08 | 16.10 |
| 12 0605 | 0.03 | ***** | 0.06 | 1.12 |
| 12 0905 | 0.03 | ***** | 0.07 | ***** |
| 12 1205 | 0.02 | ***** | 0.04 | ***** |
| 12 1505 | 0.02 | 12.91 | 0.04 | ***** |
| 12 1805 | 0.03 | 2.00 | 0.05 | 2.00 |
| 12 2105 | 0.01 | 19.75 | 0.03 | 17.50 |
| 13 0005 | 0.01 | 6.00 | 0.02 | 14.50 |
| 13 0305 | 0.01 | ***** | 0.03 | 17.00 |
| 13 0605 | 0.01 | 14.50 | 0.02 | 20.00 |
| 13 0905 | 0.01 | 1.00 | 0.02 | 8.00 |
| 13 1205 | 0.02 | 13.25 | 0.03 | 15.75 |
| 13 1505 | 0.02 | 3.50 | 0.05 | 3.75 |
| 13 1805 | 0.04 | 2.95 | 0.12 | 3.06 |
| 13 2105 | 0.01 | 16.50 | 0.03 | ***** |
| 14 0005 | 0.01 | 7.00 | 0.02 | 15.50 |
| 14 0305 | 0.02 | ***** | 0.03 | ***** |
| 14 0605 | 0.01 | ***** | 0.03 | ***** |
| 14 0905 | 0.01 | 12.00 | 0.02 | 4.00 |
| 14 1205 | 0.01 | ***** | 0.03 | ***** |
| 14 1505 | 0.01 | ***** | 0.03 | ***** |
| 14 1805 | 0.01 | 18.75 | 0.03 | ***** |
| 14 2105 | 0.01 | 18.00 | 0.03 | ***** |
| 15 0005 | 0.02 | 15.50 | 0.02 | ***** |
| 15 0305 | 0.01 | 18.00 | 0.02 | ***** |
| 15 0605 | 0.01 | 16.00 | 0.02 | ***** |
| 15 0905 | 0.01 | 12.50 | 0.02 | 4.00 |
| 15 1205 | 0.02 | 14.95 | 0.06 | 1.57 |
| 15 1505 | 0.03 | 19.66 | 0.05 | ***** |
| 15 1805 | 0.02 | 2.58 | 0.04 | 12.87 |
| 15 2105 | 0.01 | 11.75 | 0.03 | 1.25 |

SHOTGUN COVE, AK
MAY 1984

| DAY/TIME YST | HS (M) | TS (SEC) | HM (M) | TM (SEC) |
|---|---|---|---|---|
| 16 0005 | 0.02 | 11.16 | 0.04 | 2.58 |
| 16 0305 | 0.01 | 1.25 | 0.03 | 1.66 |
| 16 0605 | 0.01 | 20.00 | 0.02 | 12.50 |
| 16 0905 | 0.01 | ***** | 0.03 | ***** |
| 16 1205 | 0.02 | 1.75 | 0.05 | 2.37 |
| 16 1505 | 0.02 | 3.50 | 0.05 | 3.33 |
| 16 1805 | 0.01 | 1.58 | 0.03 | 17.00 |
| 16 2105 | 0.01 | ***** | 0.03 | ***** |
| 17 0005 | 0.01 | 6.00 | 0.02 | 7.00 |
| 17 0305 | 0.02 | 1.62 | 0.05 | 1.62 |
| 17 0605 | 0.02 | 1.16 | 0.04 | 5.16 |
| 17 0905 | 0.01 | ***** | 0.03 | ***** |
| 17 1205 | 0.03 | 1.69 | 0.07 | 1.86 |
| 17 1505 | 0.05 | 1.72 | 0.10 | 1.71 |
| 17 1805 | 0.09 | 2.16 | 0.16 | 1.69 |
| 17 2105 | 0.03 | 1.62 | 0.05 | 1.55 |
| 18 0005 | 0.01 | ***** | 0.05 | ***** |
| 18 0305 | 0.03 | 1.58 | 0.07 | 1.67 |
| 18 0605 | 0.03 | ***** | 0.04 | 1.08 |
| 18 0905 | 0.10 | 2.00 | 0.18 | 2.23 |
| 18 1205 | 0.05 | 1.66 | 0.10 | 1.62 |
| 18 1505 | 0.05 | 1.75 | 0.10 | ***** |
| 18 1805 | 0.02 | ***** | 0.04 | 17.00 |
| 18 2105 | 0.02 | 3.00 | 0.04 | 14.50 |
| 19 0005 | 0.03 | 2.37 | 0.07 | 1.75 |
| 19 0305 | 0.01 | 15.00 | 0.03 | 13.00 |
| 19 0605 | 0.02 | 19.50 | 0.03 | ***** |
| 19 0905 | 0.01 | 17.50 | 0.03 | 19.00 |
| 19 1205 | 0.01 | 16.33 | 0.04 | ***** |
| 19 1505 | 0.03 | ***** | 0.05 | 5.54 |
| 19 1805 | 0.01 | ***** | 0.03 | ***** |

Whittier, Alaska

Summary Tables
Wind Data
March 10 - May 19, 1984

WHITTIER, ALASKA
March 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar10/16 | 14.1 | 25.8 | 5.9 | 096 | 010 |
| /315 | 10.5 | 22.3 | 4.1 | 107 | 017 |
| /615 | 11.7 | 19.3 | 2.9 | 091 | 008 |
| /915 | 15.8 | 25.8 | 4.1 | 105 | 011 |
| /1215 | 9.4 | 17.6 | 3.5 | 097 | 010 |
| /1515 | 9.4 | 15.2 | 2.3 | 086 | 013 |
| /1815 | 3.5 | 13.5 | 2.9 | 120 | 025 |
| /2115 | 5.9 | 15.2 | 3.5 | 100 | 018 |
| Mar11/15 | 4.7 | 13.5 | 2.9 | 118 | 017 |
| /216 | 1.2 | 5.9 | 1.8 | 134 | 017 |
| /516 | 0.0 | 5.3 | 1.2 | 139 | 024 |
| /716 | 1.2 | 6.4 | 1.2 | 134 | 017 |
| /1016 | 1.2 | 6.4 | 1.8 | 138 | 014 |
| /1216 | 2.3 | 5.3 | 1.2 | 122 | 011 |
| /1516 | 1.8 | 7.0 | 1.8 | 128 | 017 |
| /1416 | 1.8 | 5.9 | 1.2 | 128 | 011 |
| /1116 | 2.9 | 6.4 | 1.2 | 122 | 010 |
| /1816 | 0.0 | 0.6 | 0.0 | 257 | 000 |
| /2116 | 0.0 | 2.9 | 0.0 | 253 | 059 |
| /2316 | 0.0 | 2.9 | 0.0 | 250 | 055 |
| Mar12/117 | 0.0 | 2.9 | 0.0 | 280 | 000 |
| /317 | 0.0 | 0.0 | 0.0 | 280 | 000 |
| /617 | 0.0 | 0.0 | 0.0 | 280 | 000 |
| /917 | 0.0 | 0.0 | 0.0 | 280 | 000 |
| /1217 | 0.0 | 1.8 | 0.0 | 360 | 073 |
| /1417 | 0.6 | 4.1 | 1.2 | 072 | 010 |
| /1517 | 0.6 | 5.3 | 1.2 | 046 | 053 |
| /1817 | 0.0 | 0.0 | 0.0 | 122 | 032 |
| /2117 | 0.0 | 0.0 | 0.0 | 136 | 030 |
| Mar13/17 | 0.0 | 1.2 | 0.0 | 295 | 017 |
| /318 | 0.0 | 1.2 | 0.0 | 066 | 055 |
| /418 | 0.0 | 1.8 | 0.0 | 359 | 018 |
| /618 | 1.2 | 6.4 | 1.2 | 114 | 014 |
| /818 | 0.0 | 0.6 | 0.0 | 135 | 021 |
| /1118 | 0.0 | 0.6 | 0.0 | 015 | 056 |
| /1418 | 0.6 | 4.7 | 1.2 | 056 | 070 |
| /1518 | 0.6 | 4.7 | 1.2 | 302 | 015 |
| /1918 | 0.0 | 1.2 | 0.0 | 291 | 021 |
| /2218 | 0.0 | 0.0 | 0.0 | 269 | 000 |
| /2318 | 0.0 | 1.2 | 0.0 | 280 | 007 |
| Mar14/318 | 0.0 | 1.8 | 0.0 | 184 | 006 |
| /418 | 0.0 | 0.0 | 0.0 | 183 | 000 |

WHITTIER, ALASKA
March 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar14/518 | 0.0 | 0.0 | 0.0 | 183 | 000 |
| /918 | 0.0 | 0.0 | 0.0 | 066 | 023 |
| /1118 | 0.6 | 2.9 | 0.6 | 082 | 007 |
| /1518 | 0.0 | 2.9 | 0.0 | 058 | 013 |
| /1418 | 0.0 | 0.0 | 0.0 | 048 | 003 |
| /1918 | 0.0 | 0.0 | 0.0 | 034 | 003 |
| /2218 | 0.0 | 0.0 | 0.0 | 028 | 023 |
| Mar15/118 | 0.0 | 3.5 | 0.0 | 122 | 007 |
| /19 | 0.0 | 2.9 | 0.0 | 091 | 008 |
| /418 | 1.8 | 6.4 | 1.8 | 135 | 008 |
| /618 | 0.0 | 0.6 | 0.0 | 136 | 011 |
| /918 | 0.0 | 1.2 | 0.0 | 276 | 010 |
| /1218 | 0.0 | 1.2 | 0.0 | 354 | 051 |
| /1518 | 0.6 | 2.9 | 0.6 | 307 | 017 |
| /1418 | 0.0 | 2.3 | 0.0 | 101 | 024 |
| /1718 | 0.0 | 0.6 | 0.0 | 326 | 018 |
| /1918 | 0.0 | 1.2 | 0.0 | 259 | 011 |
| /2118 | 0.0 | 0.0 | 0.0 | 155 | 032 |
| Mar16/119 | 0.0 | 2.3 | 0.0 | 194 | 062 |
| /219 | 0.0 | 2.3 | 0.0 | 113 | 037 |
| /619 | 0.0 | 2.9 | 0.6 | 252 | 059 |
| /919 | 0.0 | 0.0 | 0.0 | 114 | 000 |
| /1219 | 0.0 | 0.0 | 0.0 | 069 | 017 |
| /1419 | 0.0 | 1.2 | 0.0 | 076 | 001 |
| /1719 | 0.0 | 2.9 | 0.0 | 283 | 021 |
| /2019 | 0.0 | 1.2 | 0.0 | 211 | 084 |
| /2319 | 0.0 | 2.3 | 0.0 | 097 | 007 |
| /2219 | 0.0 | 2.3 | 0.0 | 083 | 046 |
| /1919 | 0.0 | 2.9 | 0.0 | 187 | 034 |
| /1619 | 0.0 | 2.9 | 0.0 | 023 | 065 |
| Mar17/220 | 0.0 | 2.9 | 0.0 | 179 | 038 |
| /420 | 0.0 | 1.2 | 0.0 | 277 | 041 |
| /520 | 0.0 | 1.8 | 0.0 | 270 | 014 |
| /120 | 0.0 | 2.9 | 0.0 | 174 | 076 |
| /920 | 0.0 | 2.9 | 0.0 | 072 | 049 |
| /1220 | 0.0 | 2.9 | 0.0 | 042 | 008 |
| /1520 | 0.0 | 1.8 | 0.0 | 056 | 004 |
| /1820 | 0.0 | 2.9 | 0.0 | 118 | 000 |
| /2120 | 0.0 | 2.3 | 0.0 | 090 | 046 |
| /2220 | 0.0 | 2.3 | 0.0 | 011 | 018 |
| /1920 | 0.0 | 1.2 | 0.0 | 134 | 010 |
| /1620 | 0.0 | 1.2 | 0.0 | 052 | 000 |

WHITTIER, ALASKA
March 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar17/1320 | 0.0 | 1.8 | 0.0 | 059 | 013 |
| /1020 | 0.0 | 2.3 | 0.0 | 083 | 011 |
| /720 | 0.0 | 1.8 | 0.0 | 235 | 056 |
| Mar18/220 | 0.0 | 0.0 | 0.0 | 146 | 008 |
| /520 | 0.0 | 0.0 | 0.0 | 165 | 048 |
| /820 | 2.3 | 8.2 | 1.8 | 253 | 028 |
| /1120 | 2.9 | 12.9 | 2.9 | 266 | 028 |
| /820 | 2.3 | 8.2 | 1.8 | 253 | 028 |
| /520 | 0.0 | 0.0 | 0.0 | 165 | 048 |
| /1420 | 3.5 | 11.7 | 2.3 | 271 | 031 |
| /1720 | 1.8 | 13.5 | 2.3 | 253 | 030 |
| /1820 | 1.8 | 8.8 | 1.8 | 250 | 028 |
| /2220 | 1.8 | 8.2 | 1.8 | 248 | 023 |
| Mar19/121 | 1.2 | 6.4 | 1.8 | 252 | 028 |
| /421 | 1.8 | 7.0 | 1.8 | 255 | 021 |
| /321 | 1.2 | 7.0 | 1.8 | 257 | 020 |
| /821 | 0.6 | 7.6 | 1.2 | 270 | 020 |
| /1021 | 1.2 | 7.0 | 1.8 | 274 | 023 |
| /1221 | 3.5 | 8.2 | 2.3 | 291 | 010 |
| /1421 | 1.8 | 4.1 | 0.6 | 298 | 004 |
| /1521 | 1.2 | 3.5 | 0.6 | 302 | 001 |
| /1921 | 0.0 | 2.9 | 0.0 | 302 | 000 |
| /2221 | 0.0 | 2.3 | 0.0 | 225 | 000 |
| Mar20/122 | 0.0 | 2.3 | 0.0 | 156 | 053 |
| /222 | 0.0 | 0.0 | 0.0 | 127 | 001 |
| /322 | 0.0 | 0.0 | 0.0 | 153 | 023 |
| /722 | 0.0 | 0.0 | 0.0 | 307 | 000 |
| /1022 | 0.0 | 2.3 | 0.6 | 288 | 007 |
| /1122 | 2.3 | 5.3 | 1.2 | 293 | 007 |
| /1422 | 0.0 | 2.3 | 0.6 | 076 | 008 |
| /1622 | 0.0 | 2.9 | 0.6 | 304 | 006 |
| /1822 | 0.0 | 3.5 | 0.6 | 278 | 020 |
| /2022 | 0.0 | 0.0 | 0.0 | 266 | 003 |
| /2322 | 0.0 | 2.9 | 0.0 | 165 | 000 |
| /2222 | 0.0 | 0.6 | 0.0 | 197 | 044 |
| Mar21/322 | 0.0 | 2.9 | 0.0 | 155 | 004 |
| /222 | 0.0 | 0.0 | 0.0 | 165 | 000 |
| /722 | 0.0 | 1.8 | 0.0 | 146 | 000 |
| /622 | 0.0 | 2.9 | 0.0 | 148 | 000 |
| /1022 | 0.0 | 0.6 | 0.0 | 117 | 004 |
| /1322 | 0.6 | 2.9 | 0.6 | 079 | 014 |
| /1622 | 0.0 | 2.3 | 0.6 | 131 | 042 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar21/1922 | 0.0 | 0.0 | 0.0 | 000 | 000 |
| /2222 | 0.0 | 0.0 | 0.0 | 138 | 000 |
| /2322 | 0.0 | 0.0 | 0.0 | 139 | 000 |
| Mar22/323 | 0.0 | 2.9 | 0.0 | 142 | 000 |
| /623 | 0.0 | 2.3 | 0.6 | 264 | 015 |
| /923 | 0.0 | 3.5 | 0.6 | 281 | 020 |
| /1223 | 9.4 | 25.8 | 5.3 | 284 | 017 |
| /1523 | 5.3 | 22.9 | 4.1 | 266 | 025 |
| /1723 | 5.3 | 15.8 | 3.5 | 262 | 025 |
| /2023 | 4.1 | 14.1 | 2.9 | 257 | 025 |
| /2323 | 2.9 | 13.5 | 2.3 | 246 | 024 |
| Mar23/124 | 2.3 | 15.2 | 2.9 | 250 | 038 |
| /424 | 2.3 | 10.1 | 1.8 | 248 | 027 |
| /724 | 2.9 | 14.6 | 2.3 | 249 | 025 |
| /1024 | 3.5 | 15.2 | 3.5 | 262 | 027 |
| /1324 | 2.9 | 14.1 | 2.9 | 273 | 025 |
| /1624 | 1.2 | 7.6 | 1.8 | 280 | 025 |
| /1824 | 0.0 | 2.3 | 0.0 | 281 | 028 |
| /2124 | 0.0 | 2.9 | 0.0 | 263 | 000 |
| Mar24/25 | 0.0 | 2.9 | 0.0 | 186 | 000 |
| /125 | 0.0 | 1.8 | 0.0 | 186 | 000 |
| Mar23/2224 | 0.0 | 2.3 | 0.0 | 263 | 000 |
| /1924 | 0.0 | 2.3 | 0.0 | 264 | 001 |
| Mar24/425 | 0.0 | 2.9 | 0.0 | 180 | 000 |
| /625 | 0.0 | 0.0 | 0.0 | 170 | 018 |
| /725 | 0.0 | 0.0 | 0.0 | 125 | 006 |
| /1125 | 0.0 | 0.6 | 0.0 | 023 | 063 |
| /1425 | 0.6 | 3.5 | 0.6 | 283 | 077 |
| /1725 | 0.6 | 4.1 | 0.6 | 288 | 010 |
| /1625 | 1.2 | 4.7 | 1.2 | 252 | 066 |
| /1325 | 0.6 | 2.9 | 0.6 | 139 | 070 |
| /2025 | 0.0 | 2.9 | 0.0 | 134 | 008 |
| /1925 | 0.0 | 1.2 | 0.0 | 194 | 042 |
| Mar25/26 | 0.0 | 0.0 | 0.0 | 236 | 000 |
| /325 | 0.0 | 0.0 | 0.0 | 280 | 000 |
| /625 | 0.0 | 1.2 | 0.0 | 266 | 000 |
| /925 | 0.6 | 4.1 | 1.2 | 271 | 015 |
| /1225 | 4.1 | 12.3 | 2.9 | 274 | 024 |
| /1125 | 3.5 | 12.9 | 2.9 | 273 | 027 |
| /825 | 0.0 | 1.8 | 0.0 | 280 | 017 |
| /525 | 0.0 | 0.0 | 0.0 | 277 | 014 |
| /1425 | 2.9 | 10.5 | 2.9 | 271 | 023 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar25/1825 | 0.6 | 7.0 | 1.2 | 267 | 028 |
| /2125 | 0.0 | 0.6 | 0.0 | 198 | 035 |
| Mar26/25 | 0.0 | 3.5 | 0.0 | 200 | 000 |
| /226 | 0.0 | 2.9 | 0.0 | 224 | 041 |
| /426 | 0.0 | 2.9 | 0.0 | 262 | 014 |
| /626 | 0.0 | 2.9 | 0.0 | 045 | 041 |
| /1026 | 0.0 | 4.1 | 0.0 | 117 | 007 |
| /1326 | 7.6 | 12.3 | 2.9 | 086 | 011 |
| /1226 | 2.3 | 8.8 | 2.3 | 103 | 014 |
| /926 | 0.0 | 2.3 | 0.0 | 082 | 031 |
| /1726 | 8.2 | 18.8 | 4.1 | 110 | 011 |
| /1626 | 14.6 | 23.4 | 4.1 | 093 | 013 |
| /2026 | 12.3 | 18.8 | 2.9 | 079 | 007 |
| /2326 | 10.0 | 14.6 | 2.3 | 090 | 011 |
| Mar27/127 | 9.4 | 14.1 | 1.2 | 080 | 010 |
| /227 | 10.5 | 15.8 | 2.9 | 079 | 011 |
| /527 | 11.7 | 16.4 | 2.3 | 083 | 008 |
| /427 | 13.5 | 24.0 | 4.1 | 090 | 011 |
| /927 | 9.4 | 18.2 | 2.3 | 096 | 014 |
| /1227 | 11.1 | 18.8 | 4.1 | 079 | 008 |
| /1527 | 9.4 | 13.5 | 1.8 | 087 | 007 |
| /1427 | 10.5 | 22.3 | 3.5 | 084 | 013 |
| /1127 | 10.5 | 18.8 | 2.3 | 082 | 008 |
| /827 | 10.0 | 17.0 | 2.3 | 090 | 011 |
| /1827 | 0.6 | 4.1 | 1.2 | 138 | 014 |
| /2127 | 0.0 | 2.3 | 0.0 | 091 | 011 |
| /2227 | 0.0 | 1.8 | 0.0 | 339 | 039 |
| /1927 | 0.6 | 5.3 | 1.2 | 138 | 013 |
| Mar28/28 | 0.0 | 0.6 | 0.0 | 232 | 027 |
| /327 | 0.0 | 0.6 | 0.0 | 211 | 058 |
| /627 | 0.0 | 1.2 | 0.0 | 108 | 028 |
| /727 | 0.0 | 0.0 | 0.0 | 142 | 007 |
| /1027 | 0.0 | 0.6 | 0.0 | 098 | 014 |
| /1327 | 2.3 | 5.3 | 1.2 | 091 | 008 |
| /1427 | 2.9 | 5.3 | 1.2 | 108 | 011 |
| /1827 | 5.9 | 11.7 | 2.3 | 111 | 013 |
| /1927 | 8.8 | 13.5 | 2.9 | 103 | 007 |
| /2227 | 17.6 | 27.5 | 4.1 | 090 | 007 |
| Mar29/927 | 0.6 | 7.0 | 1.2 | 146 | 023 |
| /627 | 7.0 | 14.6 | 2.9 | 124 | 015 |
| /327 | 15.8 | 24.6 | 4.7 | 087 | 013 |
| /27 | 21.1 | 32.2 | 6.4 | 107 | 011 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Mar29/1227 | 0.0 | 2.9 | 0.6 | 280 | 010 |
| /1527 | 0.0 | 0.0 | 0.0 | 311 | 023 |
| /1827 | 2.9 | 7.0 | 1.8 | 121 | 014 |
| /2127 | 0.6 | 2.9 | 0.6 | 274 | 013 |
| Mar30/25 | 0.0 | 2.9 | 0.6 | 266 | 014 |
| Mar29/2327 | 0.0 | 1.2 | 0.0 | 058 | 075 |
| Mar30/424 | 2.9 | 11.7 | 2.9 | 250 | 021 |
| /724 | 2.9 | 14.1 | 2.3 | 252 | 030 |
| /1024 | 2.9 | 15.2 | 2.3 | 259 | 025 |
| /1324 | 1.2 | 10.5 | 1.8 | 256 | 024 |
| /1224 | 1.8 | 8.2 | 1.8 | 255 | 024 |
| /924 | 6.4 | 20.5 | 5.3 | 271 | 023 |
| /1524 | 2.3 | 9.4 | 2.3 | 283 | 025 |
| /1824 | 0.0 | 3.5 | 0.6 | 356 | 011 |
| /2124 | 0.0 | 2.3 | 0.0 | 086 | 000 |
| /2224 | 0.0 | 2.9 | 0.0 | 082 | 006 |
| /1924 | 0.0 | 1.8 | 0.0 | 066 | 027 |
| Mar31/26 | 0.0 | 2.9 | 0.0 | 072 | 003 |
| /325 | 0.0 | 1.8 | 0.0 | 104 | 015 |
| /625 | 1.8 | 6.4 | 1.8 | 121 | 010 |
| /725 | 7.0 | 12.9 | 3.5 | 091 | 021 |
| /1025 | 11.7 | 18.2 | 2.9 | 104 | 011 |
| /1225 | 13.5 | 20.5 | 4.1 | 105 | 008 |
| /1525 | 11.1 | 17.6 | 2.9 | 107 | 010 |
| /1625 | 9.4 | 14.1 | 3.5 | 094 | 013 |
| /1825 | 13.5 | 18.8 | 2.3 | 080 | 007 |
| /2025 | 15.2 | 21.7 | 4.1 | 084 | 006 |
| Apr 1/27 | 14.6 | 20.5 | 2.9 | 087 | 011 |
| /126 | 14.6 | 23.4 | 4.7 | 090 | 007 |
| /526 | 13.5 | 22.9 | 4.1 | 097 | 008 |
| /826 | 16.4 | 25.2 | 4.7 | 105 | 010 |
| /526 | 13.5 | 22.9 | 4.1 | 097 | 008 |
| /1126 | 10.5 | 19.3 | 2.9 | 113 | 010 |
| /1226 | 9.4 | 17.6 | 3.5 | 097 | 017 |
| /1426 | 6.4 | 11.7 | 2.9 | 094 | 011 |
| /1726 | 4.1 | 7.6 | 1.8 | 120 | 014 |
| /1426 | 6.4 | 11.7 | 2.9 | 094 | 011 |
| /2026 | 0.0 | 2.3 | 0.0 | 359 | 025 |
| /2226 | 0.0 | 4.1 | 0.0 | 280 | 003 |
| Apr 2/28 | 0.0 | 0.6 | 0.0 | 277 | 000 |
| /327 | 0.0 | 0.0 | 0.0 | 062 | 003 |
| /627 | 0.0 | 2.3 | 0.0 | 024 | 021 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr 2/727 | 0.0 | 0.0 | 0.0 | 357 | 004 |
| /1027 | 0.0 | 1.8 | 0.0 | 309 | 000 |
| /1327 | 0.0 | 2.9 | 0.0 | 283 | 020 |
| /1427 | 0.0 | 2.3 | 0.0 | 264 | 000 |
| /1127 | 0.0 | 1.2 | 0.0 | 329 | 035 |
| /827 | 0.0 | 0.0 | 0.0 | 359 | 021 |
| /1827 | 0.0 | 1.8 | 0.0 | 300 | 028 |
| /2127 | 1.8 | 6.4 | 1.2 | 250 | 025 |
| /2327 | 1.2 | 8.8 | 1.8 | 246 | 021 |
| Apr 3/27 | 1.8 | 8.2 | 1.8 | 245 | 032 |
| /426 | 2.3 | 8.8 | 2.3 | 252 | 025 |
| /326 | 2.9 | 9.4 | 2.3 | 248 | 023 |
| /726 | 2.9 | 14.6 | 3.5 | 257 | 028 |
| /1026 | 7.0 | 18.2 | 4.7 | 277 | 021 |
| /1326 | 5.9 | 23.4 | 4.1 | 276 | 023 |
| /1626 | 4.1 | 11.1 | 3.5 | 276 | 024 |
| /1926 | 1.8 | 10.0 | 1.8 | 252 | 031 |
| /1826 | 1.2 | 7.6 | 1.2 | 262 | 027 |
| /1526 | 4.7 | 14.6 | 4.1 | 277 | 024 |
| /1226 | 6.4 | 17.6 | 4.7 | 280 | 021 |
| /926 | 5.3 | 18.2 | 4.7 | 274 | 025 |
| /2226 | 1.8 | 5.3 | 1.8 | 249 | 018 |
| /2126 | 2.3 | 7.6 | 1.2 | 248 | 021 |
| Apr 4/28 | 1.2 | 6.4 | 1.8 | 250 | 025 |
| /427 | 0.0 | 2.9 | 0.6 | 276 | 023 |
| /727 | 0.0 | 0.0 | 0.0 | 155 | 051 |
| /827 | 0.0 | 0.0 | 0.0 | 239 | 045 |
| /1227 | 1.8 | 4.7 | 1.2 | 093 | 011 |
| /1127 | 0.6 | 2.9 | 0.6 | 080 | 004 |
| /1627 | 1.8 | 5.9 | 1.2 | 107 | 017 |
| /1927 | 1.8 | 7.0 | 1.8 | 136 | 014 |
| /2027 | 3.5 | 12.3 | 3.5 | 135 | 017 |
| /1927 | 1.8 | 7.0 | 1.8 | 136 | 014 |
| /1627 | 1.8 | 5.9 | 1.2 | 107 | 017 |
| Apr 5/128 | 1.8 | 6.4 | 1.8 | 127 | 015 |
| /328 | 2.9 | 10.0 | 2.3 | 128 | 015 |
| /628 | 8.8 | 17.0 | 3.5 | 098 | 017 |
| /928 | 10.5 | 15.2 | 2.3 | 098 | 008 |
| /1228 | 8.8 | 14.1 | 1.8 | 100 | 010 |
| /1328 | 6.4 | 11.7 | 2.3 | 110 | 013 |
| /1028 | 11.7 | 17.6 | 2.9 | 097 | 006 |
| /728 | 8.8 | 15.2 | 2.9 | 089 | 008 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr 5/1528 | 0.6 | 4.7 | 1.2 | 139 | 013 |
| Apr 6/28 | 0.0 | 0.6 | 0.0 | 259 | 008 |
| Apr 5/2128 | 0.0 | 0.0 | 0.0 | 210 | 049 |
| /1828 | 0.6 | 2.3 | 0.6 | 291 | 003 |
| Apr 6/328 | 0.0 | 1.2 | 0.0 | 248 | 006 |
| /428 | 0.0 | 2.9 | 0.6 | 274 | 039 |
| /828 | 0.0 | 2.9 | 0.0 | 263 | 006 |
| /1128 | 0.6 | 3.5 | 1.2 | 298 | 007 |
| /1428 | 0.0 | 2.3 | 0.0 | 333 | 023 |
| /1528 | 0.0 | 1.8 | 0.0 | 339 | 031 |
| /1628 | 0.0 | 0.6 | 0.0 | 238 | 072 |
| /2028 | 0.0 | 0.6 | 0.0 | 146 | 018 |
| /2328 | 0.0 | 0.0 | 0.0 | 255 | 000 |
| Apr 7/228 | 0.0 | 0.6 | 0.0 | 125 | 015 |
| /528 | 0.0 | 1.8 | 0.0 | 267 | 024 |
| /828 | 0.6 | 7.0 | 1.2 | 271 | 021 |
| /1028 | 2.9 | 11.1 | 2.9 | 277 | 025 |
| /1328 | 2.9 | 14.6 | 2.3 | 271 | 024 |
| /1528 | 0.0 | 5.3 | 0.6 | 262 | 072 |
| /1728 | 1.8 | 6.4 | 1.8 | 129 | 015 |
| /2028 | 0.0 | 0.0 | 0.0 | 127 | 013 |
| /2328 | 0.0 | 3.5 | 0.6 | 122 | 010 |
| Apr 8/228 | 0.0 | 2.3 | 0.0 | 264 | 023 |
| /328 | 0.0 | 1.8 | 0.0 | 266 | 010 |
| /628 | 1.8 | 7.6 | 2.3 | 131 | 015 |
| /928 | 5.9 | 13.5 | 2.9 | 111 | 013 |
| /1028 | 10.0 | 14.6 | 3.5 | 089 | 010 |
| /1228 | 12.3 | 21.1 | 3.5 | 080 | 007 |
| /1428 | 13.5 | 20.5 | 2.9 | 089 | 014 |
| /1828 | 11.7 | 18.2 | 2.9 | 082 | 010 |
| /2128 | 0.6 | 6.4 | 1.2 | 139 | 027 |
| /2028 | 3.5 | 9.4 | 2.9 | 117 | 024 |
| Apr 9/129 | 0.0 | 0.0 | 0.0 | 318 | 000 |
| /229 | 0.0 | 1.8 | 0.0 | 318 | 000 |
| /529 | 0.6 | 3.5 | 1.2 | 269 | 024 |
| /729 | 1.2 | 4.7 | 1.8 | 277 | 023 |
| /1029 | 5.9 | 18.2 | 4.1 | 283 | 020 |
| /1329 | 4.1 | 14.1 | 2.9 | 276 | 024 |
| /1229 | 7.0 | 16.4 | 4.7 | 281 | 021 |
| /929 | 1.2 | 12.9 | 2.3 | 274 | 020 |
| /1529 | 6.4 | 16.4 | 4.7 | 283 | 020 |
| /1829 | 3.5 | 15.8 | 3.5 | 260 | 031 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr 9/2029 | 1.8 | 8.8 | 1.8 | 252 | 035 |
| /2329 | 1.8 | 11.1 | 1.8 | 248 | 025 |
| Apr10/30 | 2.3 | 13.5 | 2.3 | 252 | 028 |
| /229 | 4.1 | 16.4 | 4.1 | 277 | 034 |
| /529 | 3.5 | 18.8 | 3.5 | 260 | 034 |
| /829 | 3.5 | 17.0 | 3.5 | 266 | 032 |
| /1129 | 5.3 | 18.8 | 3.5 | 277 | 024 |
| /1329 | 2.3 | 10.0 | 1.8 | 267 | 030 |
| /1229 | 3.5 | 12.3 | 2.9 | 266 | 028 |
| /1629 | 2.9 | 15.8 | 3.5 | 269 | 030 |
| /1929 | 2.3 | 11.7 | 1.8 | 253 | 031 |
| /2029 | 1.8 | 12.3 | 1.8 | 253 | 037 |
| /2229 | 2.3 | 13.5 | 2.9 | 263 | 025 |
| /2329 | 2.9 | 9.4 | 1.8 | 250 | 018 |
| Apr11/130 | 2.3 | 10.5 | 1.8 | 259 | 024 |
| /330 | 4.1 | 15.2 | 4.1 | 274 | 023 |
| /630 | 11.7 | 22.9 | 4.7 | 283 | 020 |
| /730 | 12.3 | 21.7 | 5.9 | 285 | 017 |
| /930 | 8.2 | 19.3 | 4.7 | 281 | 020 |
| /1030 | 8.8 | 18.8 | 5.9 | 283 | 020 |
| /1230 | 14.1 | 21.7 | 4.7 | 288 | 013 |
| /1430 | 13.5 | 21.7 | 4.1 | 288 | 011 |
| /1130 | 13.5 | 21.7 | 5.3 | 288 | 011 |
| /830 | 8.2 | 21.7 | 5.3 | 281 | 023 |
| /1530 | 13.5 | 21.1 | 5.3 | 287 | 011 |
| /1730 | 11.1 | 19.9 | 4.7 | 287 | 011 |
| /1830 | 13.5 | 19.9 | 4.1 | 290 | 008 |
| /2030 | 7.6 | 18.2 | 5.3 | 283 | 018 |
| /2130 | 3.5 | 13.5 | 2.9 | 271 | 021 |
| Apr12/31 | 3.5 | 19.3 | 2.9 | 270 | 021 |
| /131 | 3.5 | 13.5 | 2.3 | 277 | 020 |
| /331 | 1.2 | 8.8 | 1.8 | 276 | 017 |
| /431 | 1.2 | 8.8 | 1.8 | 274 | 018 |
| /631 | 0.0 | 1.2 | 0.0 | 229 | 048 |
| /731 | 1.2 | 10.5 | 2.3 | 257 | 056 |
| /931 | 5.3 | 8.2 | 1.8 | 291 | 006 |
| /1031 | 5.9 | 10.0 | 1.8 | 290 | 006 |
| /1231 | 4.1 | 6.4 | 1.8 | 290 | 003 |
| /1331 | 3.5 | 8.2 | 1.8 | 290 | 006 |
| /1531 | 2.3 | 5.9 | 1.8 | 294 | 013 |
| /1631 | 0.0 | 1.8 | 0.0 | 323 | 010 |
| /1831 | 0.0 | 1.8 | 0.0 | 059 | 068 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr12/1931 | 0.6 | 2.9 | 0.6 | 277 | 020 |
| /2131 | 0.0 | 1.2 | 0.0 | 125 | 017 |
| /2231 | 0.0 | 0.0 | 0.0 | 162 | 014 |
| Apr13/31 | 0.0 | 0.0 | 0.0 | 198 | 073 |
| /131 | 0.0 | 0.0 | 0.0 | 180 | 028 |
| /331 | 0.0 | 1.2 | 0.0 | 207 | 035 |
| /431 | 0.0 | 2.3 | 0.6 | 259 | 037 |
| /631 | 0.0 | 0.0 | 0.0 | 105 | 018 |
| /731 | 1.8 | 5.3 | 1.2 | 120 | 010 |
| /931 | 0.6 | 7.6 | 1.8 | 226 | 015 |
| /1231 | 7.6 | 14.1 | 1.8 | 094 | 014 |
| /1331 | 7.6 | 14.1 | 3.5 | 104 | 010 |
| /1531 | 9.4 | 17.0 | 2.3 | 084 | 013 |
| /1631 | 11.1 | 18.2 | 3.5 | 086 | 010 |
| /1831 | 10.0 | 16.4 | 4.1 | 097 | 011 |
| /1931 | 4.1 | 13.5 | 4.1 | 115 | 045 |
| /2131 | 9.4 | 16.4 | 1.8 | 084 | 013 |
| /2231 | 7.6 | 14.1 | 4.1 | 087 | 018 |
| Apr14/32 | 0.0 | 0.0 | 0.0 | 143 | 056 |
| /132 | 0.0 | 1.8 | 0.0 | 259 | 011 |
| /332 | 0.0 | 2.9 | 0.0 | 141 | 030 |
| /432 | 0.0 | 0.6 | 0.0 | 217 | 053 |
| /632 | 0.0 | 2.3 | 0.0 | 060 | 082 |
| /732 | 0.0 | 1.8 | 0.6 | 319 | 018 |
| /832 | 0.6 | 2.9 | 0.6 | 278 | 018 |
| /1032 | 1.2 | 2.9 | 0.6 | 030 | 068 |
| /1232 | 2.9 | 6.4 | 1.2 | 097 | 010 |
| /1332 | 3.5 | 7.6 | 2.3 | 094 | 008 |
| /1132 | 2.3 | 5.3 | 1.2 | 094 | 010 |
| /1632 | 4.1 | 10.0 | 2.9 | 105 | 010 |
| /1732 | 2.9 | 8.2 | 1.8 | 107 | 013 |
| /1932 | 0.6 | 4.7 | 1.2 | 132 | 011 |
| /2032 | 0.0 | 2.3 | 0.0 | 135 | 010 |
| /2232 | 0.0 | 2.9 | 0.0 | 091 | 070 |
| Apr15/33 | 0.0 | 0.0 | 0.0 | 314 | 000 |
| /133 | 0.0 | 0.0 | 0.0 | 314 | 000 |
| /333 | 0.0 | 2.9 | 0.0 | 121 | 007 |
| /433 | 0.0 | 2.3 | 0.0 | 193 | 058 |
| /633 | 0.0 | 2.3 | 0.0 | 079 | 051 |
| /833 | 3.5 | 6.4 | 1.2 | 093 | 010 |
| /1033 | 2.3 | 6.4 | 1.8 | 128 | 017 |
| /1133 | 0.0 | 4.1 | 1.2 | 269 | 027 |

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SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr15/1333 | 1.2 | 5.3 | 1.8 | 312 | 041 |
| /1433 | 1.8 | 7.6 | 2.3 | 091 | 031 |
| /1533 | 7.0 | 10.5 | 1.8 | 117 | 010 |
| /1733 | 6.4 | 11.1 | 2.3 | 103 | 013 |
| /1633 | 7.0 | 11.1 | 1.8 | 118 | 008 |
| /2033 | 0.0 | 2.9 | 0.6 | 124 | 025 |
| /2133 | 2.9 | 12.9 | 3.5 | 118 | 023 |
| /2333 | 6.4 | 15.2 | 4.7 | 101 | 034 |
| Apr16/234 | 7.6 | 15.2 | 2.9 | 122 | 013 |
| Apr15/2233 | 4.7 | 10.0 | 2.3 | 091 | 020 |
| Apr16/334 | 2.3 | 9.4 | 2.3 | 134 | 015 |
| /434 | 0.0 | 4.7 | 0.6 | 143 | 018 |
| /634 | 2.3 | 6.4 | 1.2 | 136 | 008 |
| /734 | 2.3 | 7.0 | 1.8 | 132 | 013 |
| /934 | 5.9 | 10.0 | 2.3 | 100 | 015 |
| /1034 | 7.0 | 11.1 | 2.9 | 086 | 006 |
| /1234 | 7.0 | 14.1 | 3.5 | 098 | 030 |
| /1334 | 2.3 | 10.0 | 2.3 | 114 | 025 |
| /1534 | 2.9 | 6.4 | 1.8 | 090 | 028 |
| /1634 | 2.9 | 7.0 | 1.8 | 093 | 023 |
| /1834 | 1.8 | 7.0 | 1.8 | 108 | 024 |
| /1934 | 0.0 | 2.9 | 0.0 | 118 | 018 |
| /2134 | 1.2 | 12.3 | 2.9 | 124 | 027 |
| /2234 | 4.1 | 17.0 | 3.5 | 084 | 027 |
| Apr17/34 | 0.0 | 1.8 | 0.0 | 055 | 011 |
| /134 | 0.0 | 2.9 | 0.0 | 103 | 027 |
| /334 | 0.0 | 1.2 | 0.0 | 207 | 062 |
| /434 | 0.0 | 1.8 | 0.0 | 257 | 000 |
| /634 | 0.0 | 2.9 | 0.0 | 266 | 001 |
| /934 | 0.0 | 2.9 | 0.0 | 267 | 003 |
| /1034 | 0.0 | 2.3 | 0.0 | 271 | 000 |
| /1234 | 0.0 | 0.0 | 0.0 | 060 | 000 |
| /1434 | 0.0 | 2.9 | 0.0 | 038 | 034 |
| /1534 | 0.0 | 2.9 | 0.0 | 013 | 044 |
| /1734 | 0.0 | 2.9 | 0.0 | 060 | 001 |
| /1834 | 0.0 | 2.9 | 0.0 | 070 | 001 |
| /2034 | 0.0 | 2.9 | 0.0 | 267 | 014 |
| /2134 | 0.0 | 2.9 | 0.0 | 262 | 015 |
| /2334 | 0.0 | 2.9 | 0.6 | 252 | 024 |
| Apr18/35 | 0.0 | 1.2 | 0.0 | 245 | 025 |
| /235 | 0.6 | 8.2 | 1.2 | 263 | 021 |
| /435 | 1.8 | 14.1 | 2.3 | 273 | 023 |

WHITTIER, ALASKA
April 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr18/535 | 4.7 | 17.6 | 4.1 | 273 | 024 |
| /735 | 4.1 | 21.1 | 4.7 | 266 | 027 |
| /835 | 2.9 | 12.3 | 2.3 | 250 | 030 |
| /1035 | 4.1 | 20.5 | 3.5 | 266 | 027 |
| /435 | 1.8 | 14.1 | 2.3 | 273 | 023 |
| /1335 | 6.4 | 23.4 | 5.3 | 271 | 023 |
| /1435 | 6.4 | 18.2 | 4.7 | 269 | 030 |
| /1635 | 8.8 | 23.4 | 6.4 | 277 | 025 |
| /1735 | 7.6 | 25.2 | 4.7 | 264 | 027 |
| /1935 | 7.6 | 26.4 | 5.9 | 269 | 027 |
| /2035 | 4.7 | 20.5 | 4.1 | 252 | 034 |
| /2235 | 3.5 | 11.7 | 2.9 | 243 | 030 |
| /2335 | 3.5 | 12.3 | 2.3 | 243 | 024 |
| Apr19/136 | 2.3 | 7.0 | 1.8 | 250 | 027 |
| /336 | 1.2 | 9.4 | 1.8 | 249 | 030 |
| /436 | 1.2 | 10.5 | 1.8 | 252 | 035 |
| /636 | 2.3 | 11.1 | 2.3 | 262 | 025 |
| /736 | 5.9 | 15.8 | 4.1 | 284 | 018 |
| /936 | 7.6 | 15.2 | 3.5 | 287 | 013 |
| /1036 | 8.8 | 14.6 | 3.5 | 291 | 006 |
| /1236 | 2.3 | 5.3 | 1.2 | 295 | 004 |
| /1336 | 1.2 | 5.9 | 1.8 | 277 | 056 |
| /1536 | 0.0 | 4.1 | 0.6 | 352 | 032 |
| /1636 | 0.0 | 3.5 | 0.6 | 314 | 069 |
| /1836 | 1.2 | 6.4 | 1.8 | 101 | 028 |
| /1936 | 1.8 | 5.3 | 1.2 | 108 | 028 |
| /2136 | 0.0 | 4.1 | 0.6 | 139 | 013 |
| /2236 | 0.0 | 2.9 | 0.6 | 138 | 051 |
| Apr20/36 | 0.6 | 5.3 | 1.2 | 113 | 052 |
| /136 | 1.2 | 3.5 | 0.6 | 277 | 010 |
| /336 | 2.9 | 11.7 | 2.9 | 128 | 014 |
| /436 | 1.2 | 8.8 | 1.8 | 124 | 017 |
| /636 | 0.0 | 2.9 | 0.0 | 293 | 004 |
| /936 | 0.0 | 2.9 | 0.6 | 160 | 058 |
| /1036 | 1.2 | 6.4 | 1.2 | 134 | 011 |
| /1236 | 1.2 | 4.1 | 1.8 | 274 | 037 |
| /1336 | 0.0 | 5.9 | 0.6 | 190 | 018 |
| /1536 | 10.5 | 18.2 | 4.1 | 076 | 011 |
| /1636 | 11.7 | 18.2 | 3.5 | 087 | 007 |
| /1836 | 10.5 | 17.6 | 3.5 | 097 | 013 |
| /1936 | 10.0 | 17.0 | 2.9 | 101 | 010 |
| /2136 | 10.5 | 26.4 | 4.1 | 100 | 015 |

WHITTIER, ALASKA
April 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr20/2236 | 11.1 | 21.7 | 5.9 | 104 | 017 |
| /2336 | 10.5 | 19.9 | 3.5 | 089 | 008 |
| Apr21/137 | 10.0 | 17.0 | 3.5 | 100 | 010 |
| /237 | 9.4 | 15.8 | 3.5 | 104 | 013 |
| /537 | 5.9 | 12.9 | 2.3 | 117 | 017 |
| /637 | 10.0 | 16.4 | 3.5 | 096 | 007 |
| /837 | 17.6 | 25.2 | 4.1 | 094 | 014 |
| /937 | 15.2 | 32.8 | 5.9 | 104 | 013 |
| /1137 | 12.3 | 20.5 | 4.1 | 084 | 013 |
| /1337 | 6.4 | 11.7 | 2.3 | 111 | 013 |
| /1437 | 11.1 | 18.8 | 2.9 | 097 | 008 |
| /1637 | 9.4 | 21.1 | 3.5 | 111 | 013 |
| /1737 | 13.5 | 21.1 | 4.1 | 089 | 008 |
| /1937 | 11.7 | 22.3 | 3.5 | 105 | 011 |
| /2137 | 11.1 | 25.8 | 4.7 | 118 | 020 |
| /2337 | 14.1 | 24.0 | 4.1 | 121 | 010 |
| Apr22/138 | 4.1 | 15.2 | 4.1 | 124 | 023 |
| /338 | 1.2 | 4.7 | 1.2 | 132 | 010 |
| /438 | 0.0 | 2.9 | 0.6 | 124 | 027 |
| /538 | 0.0 | 0.6 | 0.0 | 128 | 007 |
| /738 | 0.0 | 0.0 | 0.0 | 225 | 028 |
| /838 | 0.0 | 2.9 | 0.6 | 308 | 041 |
| /1038 | 3.5 | 7.6 | 2.3 | 290 | 011 |
| /1338 | 3.5 | 10.5 | 2.9 | 270 | 027 |
| /1438 | 2.9 | 12.3 | 2.9 | 266 | 027 |
| /1638 | 3.5 | 11.7 | 2.3 | 269 | 025 |
| /1738 | 3.5 | 14.1 | 3.5 | 271 | 025 |
| /1938 | 2.3 | 10.0 | 2.3 | 253 | 024 |
| /2038 | 2.9 | 14.1 | 2.3 | 253 | 028 |
| /2238 | 4.1 | 15.2 | 2.9 | 260 | 028 |
| Apr23/138 | 3.5 | 15.2 | 3.5 | 263 | 030 |
| /238 | 3.5 | 16.4 | 3.5 | 253 | 030 |
| /438 | 3.5 | 15.2 | 2.9 | 262 | 030 |
| /738 | 1.8 | 7.6 | 1.2 | 252 | 023 |
| /838 | 1.8 | 10.5 | 1.8 | 264 | 034 |
| /1038 | 6.4 | 12.9 | 2.9 | 288 | 015 |
| /1138 | 5.9 | 11.7 | 2.9 | 290 | 006 |
| /1338 | 5.3 | 8.8 | 1.8 | 291 | 004 |
| /1438 | 4.1 | 5.9 | 1.2 | 297 | 004 |
| /1638 | 1.8 | 19.3 | 4.1 | 121 | 087 |
| /1838 | 0.6 | 3.5 | 0.6 | 111 | 015 |
| /1938 | 0.0 | 2.9 | 0.6 | 131 | 008 |

WHITTIER, ALASKA
April 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr23/2138 | 1.2 | 12.9 | 2.3 | 148 | 024 |
| /2238 | 0.0 | 1.2 | 0.0 | 250 | 013 |
| Apr24/39 | 5.3 | 10.0 | 1.8 | 103 | 017 |
| /139 | 5.9 | 14.6 | 2.9 | 091 | 018 |
| /339 | 9.4 | 13.5 | 1.8 | 082 | 007 |
| /439 | 7.6 | 12.9 | 2.3 | 079 | 007 |
| /739 | 1.2 | 11.7 | 2.3 | 173 | 042 |
| /839 | 0.0 | 2.3 | 0.6 | 298 | 024 |
| /1039 | 0.6 | 2.9 | 1.2 | 284 | 015 |
| /1139 | 0.0 | 1.2 | 0.0 | 219 | 069 |
| /1339 | 1.2 | 4.7 | 1.2 | 333 | 058 |
| /1439 | 0.0 | 1.2 | 0.0 | 301 | 001 |
| /1639 | 0.6 | 4.7 | 1.2 | 131 | 066 |
| /1739 | 0.6 | 4.1 | 1.2 | 167 | 087 |
| /1939 | 0.0 | 0.6 | 0.0 | 290 | 010 |
| /2039 | 0.0 | 0.0 | 0.0 | 277 | 000 |
| /2239 | 0.0 | 0.6 | 0.0 | 193 | 072 |
| /2339 | 0.0 | 0.6 | 0.0 | 115 | 018 |
| Apr25/140 | 0.0 | 1.8 | 0.0 | 218 | 035 |
| /240 | 0.0 | 0.0 | 0.0 | 158 | 000 |
| /440 | 0.0 | 0.0 | 0.0 | 235 | 048 |
| /540 | 0.0 | 0.6 | 0.0 | 269 | 007 |
| /740 | 0.0 | 1.2 | 0.0 | 224 | 041 |
| /940 | 0.0 | 2.3 | 0.0 | 297 | 076 |
| /1040 | 0.0 | 1.2 | 0.0 | 065 | 015 |
| /1240 | 1.2 | 3.5 | 0.6 | 090 | 021 |
| /1340 | 1.8 | 6.4 | 1.8 | 093 | 018 |
| /1540 | 5.3 | 10.5 | 2.3 | 131 | 013 |
| /1640 | 2.9 | 7.6 | 2.3 | 125 | 017 |
| /1840 | 4.1 | 6.4 | 1.2 | 120 | 010 |
| /1940 | 3.5 | 7.6 | 1.8 | 122 | 010 |
| /2140 | 1.8 | 6.4 | 1.2 | 136 | 010 |
| /2240 | 5.3 | 10.5 | 2.3 | 117 | 010 |
| Apr26/40 | 9.4 | 19.3 | 3.5 | 098 | 014 |
| /140 | 8.8 | 13.5 | 2.9 | 087 | 025 |
| /340 | 7.6 | 15.2 | 3.5 | 104 | 015 |
| /440 | 6.4 | 14.1 | 3.5 | 107 | 014 |
| /640 | 11.1 | 21.1 | 4.7 | 086 | 017 |
| /740 | 11.7 | 18.8 | 5.3 | 094 | 020 |
| /940 | 10.5 | 17.0 | 2.9 | 091 | 013 |
| /1040 | 8.2 | 11.7 | 1.8 | 103 | 010 |
| /1240 | 7.6 | 15.8 | 2.9 | 111 | 014 |

WHITTIER, ALASKA
April 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr26/1440 | 8.8 | 15.2 | 2.9 | 120 | 010 |
| /1640 | 8.2 | 13.5 | 2.9 | 113 | 010 |
| /1740 | 6.4 | 10.0 | 1.8 | 111 | 011 |
| /1940 | 4.7 | 11.1 | 1.8 | 115 | 011 |
| /2040 | 1.8 | 5.9 | 1.8 | 114 | 017 |
| /2240 | 0.6 | 3.5 | 0.6 | 139 | 014 |
| Apr27/37 | 0.0 | 2.3 | 0.0 | 141 | 014 |
| /237 | 0.0 | 4.1 | 0.6 | 172 | 079 |
| /337 | 0.0 | 2.3 | 0.6 | 281 | 021 |
| /537 | 0.0 | 2.3 | 0.0 | 228 | 000 |
| /637 | 0.0 | 1.8 | 0.0 | 239 | 034 |
| /837 | 1.8 | 5.3 | 1.2 | 096 | 017 |
| /937 | 1.2 | 5.9 | 0.6 | 110 | 017 |
| /1137 | 1.8 | 4.7 | 1.2 | 124 | 010 |
| /1237 | 3.5 | 7.6 | 1.8 | 136 | 008 |
| /1437 | 5.3 | 8.8 | 2.3 | 128 | 013 |
| /1537 | 3.5 | 10.0 | 2.9 | 134 | 020 |
| /1737 | 5.9 | 9.4 | 1.8 | 101 | 011 |
| /1937 | 1.2 | 8.2 | 2.3 | 152 | 025 |
| /2137 | 2.9 | 10.0 | 2.9 | 148 | 023 |
| Apr28/38 | 3.5 | 8.8 | 2.3 | 134 | 015 |
| /138 | 4.7 | 10.0 | 2.3 | 125 | 014 |
| /338 | 1.2 | 5.9 | 1.8 | 138 | 027 |
| /438 | 1.8 | 8.2 | 2.3 | 150 | 042 |
| /638 | 0.0 | 0.6 | 0.0 | 305 | 015 |
| /738 | 0.0 | 2.9 | 0.0 | 290 | 006 |
| /938 | 0.0 | 2.3 | 0.0 | 307 | 006 |
| /1038 | 0.0 | 2.3 | 0.0 | 332 | 024 |
| /1238 | 0.0 | 2.9 | 0.0 | 007 | 051 |
| /1438 | 2.9 | 7.0 | 1.2 | 118 | 010 |
| /1538 | 4.7 | 9.4 | 1.8 | 121 | 008 |
| /1738 | 5.3 | 9.4 | 2.3 | 096 | 018 |
| /1838 | 5.3 | 11.7 | 2.9 | 094 | 014 |
| /2038 | 4.1 | 8.2 | 1.8 | 121 | 014 |
| /2138 | 1.8 | 6.4 | 1.8 | 136 | 015 |
| /2338 | 1.2 | 7.0 | 1.8 | 138 | 017 |
| Apr29/38 | 1.2 | 5.3 | 1.2 | 138 | 013 |
| /138 | 1.2 | 7.6 | 1.8 | 139 | 020 |
| /438 | 2.9 | 10.0 | 2.3 | 121 | 023 |
| /738 | 9.4 | 15.2 | 2.9 | 094 | 008 |
| /838 | 8.2 | 12.3 | 2.9 | 090 | 007 |
| /1038 | 4.1 | 11.1 | 2.3 | 132 | 013 |

WHITTIER, ALASKA
April 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (LOCAL TIME) | AVE WIND SPEED (MPH) | MAX WIND SPEED (MPH) | STD DEV WIND SPEED (MPH) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) |
|---|---|---|---|---|---|
| Apr29/1138 | 2.9 | 11.1 | 2.3 | 136 | 018 |
| /1338 | 4.7 | 10.0 | 2.3 | 114 | 015 |
| /1438 | 5.3 | 11.7 | 2.9 | 117 | 014 |
| /1938 | 10.0 | 19.9 | 3.5 | 086 | 008 |
| /2038 | 8.2 | 19.3 | 2.9 | 091 | 011 |
| /2138 | 7.6 | 14.1 | 3.5 | 094 | 013 |
| /2338 | 7.6 | 16.4 | 3.5 | 094 | 010 |
| Apr30/39 | 10.5 | 19.3 | 3.5 | 105 | 010 |
| /239 | 5.9 | 11.7 | 2.9 | 114 | 014 |
| /539 | 4.1 | 10.5 | 2.9 | 118 | 018 |
| /639 | 5.9 | 11.1 | 2.9 | 118 | 013 |
| /839 | 1.8 | 5.9 | 1.8 | 131 | 014 |
| /939 | 6.4 | 12.9 | 2.9 | 108 | 013 |
| /1139 | 5.3 | 14.6 | 2.3 | 117 | 014 |
| /1239 | 3.5 | 10.5 | 2.3 | 120 | 018 |
| /1439 | 2.9 | 10.5 | 2.3 | 114 | 024 |
| /1539 | 7.6 | 20.5 | 2.9 | 082 | 015 |
| /1739 | 3.5 | 10.0 | 2.3 | 113 | 017 |
| /1839 | 0.6 | 3.5 | 0.6 | 139 | 014 |
| /2039 | 1.8 | 9.4 | 2.3 | 145 | 017 |
| /2139 | 1.8 | 9.4 | 1.8 | 127 | 023 |
| /2339 | 0.6 | 4.7 | 1.2 | 134 | 014 |

Whittier, Alaska

Summary Tables
Normalized Energy Spectra
March 10 - May 19, 1984

SHOTGUN COVE, AK (H-P FILTERED)
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | | | | |
| ~~10 1605~~ | ~~0.16~~ | ~~0.002~~ | ~~0.0~~ | ~~0.0~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.0~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.7~~ | ~~1.9~~ | ~~7.7~~ | ~~15.4~~ | ~~16.2~~ | ~~9.4~~ | ~~10.4~~ | ~~6.9~~ |
| ~~10 1905~~ | ~~0.15~~ | ~~0.002~~ | ~~0.1~~ | ~~1.0~~ | ~~0.2~~ | ~~0.2~~ | ~~0.1~~ | ~~0.4~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.1~~ | ~~0.2~~ | ~~0.6~~ | ~~3.3~~ | ~~11.9~~ | ~~12.4~~ | ~~16.6~~ | ~~8.8~~ | ~~16.3~~ | ~~5.0~~ |
| 10 2205 | 0.05 | 0.000 | 1.2 | 9.0 | 1.8 | 1.4 | 0.8 | 3.3 | 0.4 | 0.3 | 0.4 | 0.7 | 0.2 | 0.5 | 0.4 | 1.1 | 1.2 | 1.4 | 0.9 | 2.1 | 3.6 | 2.7 | 10.8 | 8.6 |
| 11 0105 | 0.05 | 0.000 | 1.0 | 7.7 | 1.8 | 1.5 | 0.5 | 3.4 | 0.6 | 0.4 | 0.4 | 1.3 | 0.3 | 0.3 | 0.4 | 1.0 | 0.3 | 0.3 | 0.3 | 1.3 | 2.3 | 1.2 | 2.5 | 1.6 |
| 11 0405 | 0.05 | 0.000 | 0.3 | 6.7 | 0.7 | 1.0 | 0.5 | 2.7 | 0.4 | 0.5 | 0.5 | 0.9 | 0.4 | 0.2 | 0.2 | 0.4 | 0.3 | 0.5 | 0.4 | 1.1 | 1.5 | 0.5 | 2.2 | 2.4 |
| 11 0705 | 0.03 | 0.000 | 0.4 | 18.5 | 2.5 | 1.3 | 1.2 | 8.9 | 0.6 | 0.9 | 0.8 | 1.8 | 0.5 | 0.5 | 0.5 | 1.9 | 0.5 | 1.1 | 0.7 | 1.9 | 6.4 | 1.0 | 6.4 | 0.8 |
| 11 1005 | 0.02 | 0.000 | 0.7 | 1.4 | 1.4 | 1.3 | 0.9 | 1.0 | 1.0 | 0.9 | 1.0 | 0.6 | 0.5 | 1.0 | 0.7 | 0.4 | 0.7 | 0.6 | 0.8 | 0.7 | 0.5 | 0.7 | 0.4 | 0.7 |
| 11 1305 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 1605 | 0.02 | 0.000 | 2.6 | 2.7 | 4.6 | 3.0 | 1.8 | 1.7 | 1.1 | 1.0 | 1.3 | 1.1 | 1.0 | 0.8 | 1.5 | 1.0 | 0.6 | 0.9 | 0.9 | 0.7 | 1.0 | 1.4 | 1.3 | 1.3 |
| 11 1905 | 0.03 | 0.000 | 0.3 | 22.8 | 3.2 | 2.1 | 2.0 | 13.9 | 1.2 | 1.5 | 1.2 | 4.1 | 0.9 | 0.8 | 0.7 | 1.6 | 0.5 | 0.9 | 0.8 | 1.8 | 7.2 | 0.5 | 7.9 | 0.8 |
| 11 2205 | 0.02 | 0.000 | 4.7 | 15.4 | 4.1 | 3.5 | 2.7 | 13.9 | 1.5 | 2.5 | 1.1 | 3.7 | 0.9 | 1.1 | 0.5 | 1.0 | 0.5 | 0.9 | 0.7 | 3.7 | 4.6 | 1.4 | 8.5 | 0.6 |
| 12 0105 | 0.03 | 0.000 | 1.6 | 18.8 | 3.5 | 6.2 | 1.8 | 12.9 | 1.6 | 1.5 | 0.7 | 2.5 | 0.8 | 0.9 | 0.8 | 2.2 | 0.7 | 0.5 | 0.7 | 6.3 | 4.1 | 1.5 | 8.6 | 0.7 |
| 12 0405 | 0.02 | 0.000 | 2.1 | 22.0 | 3.7 | 6.3 | 1.6 | 9.6 | 0.8 | 1.7 | 0.9 | 2.0 | 0.7 | 0.5 | 0.7 | 1.3 | 0.6 | 1.3 | 0.8 | 4.8 | 5.1 | 1.3 | 7.3 | 1.1 |
| 12 0705 | 0.03 | 0.000 | 1.0 | 24.5 | 4.3 | 7.6 | 1.8 | 8.3 | 1.8 | 2.3 | 1.9 | 2.1 | 0.9 | 1.5 | 1.3 | 1.7 | 0.8 | 1.4 | 0.7 | 3.6 | 1.8 | 0.7 | 4.2 | 0.9 |
| 12 1005 | 0.01 | 0.000 | 1.4 | 4.3 | 2.9 | 1.3 | 2.1 | 2.3 | 1.0 | 2.5 | 1.9 | 1.6 | 1.8 | 1.2 | 1.1 | 1.5 | 1.4 | 1.5 | 1.3 | 1.7 | 1.5 | 1.3 | 1.9 | 1.1 |
| 12 1305 | 0.00 | 0.000 | 1.4 | 17.4 | 12.7 | 1.6 | 1.0 | 0.7 | 0.9 | 1.5 | 0.9 | 0.8 | 1.0 | 0.8 | 0.7 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 | 0.4 | 0.6 | 0.4 | 2.1 |
| 12 1605 | 0.02 | 0.000 | 0.8 | 0.9 | 0.8 | 0.8 | 0.4 | 0.6 | 0.5 | 0.4 | 0.4 | 0.7 | 0.5 | 0.4 | 0.7 | 0.4 | 0.5 | 0.4 | 0.4 | 0.6 | 0.5 | 0.6 | 1.0 | 0.6 |
| 12 1905 | 0.03 | 0.000 | 0.3 | 23.5 | 3.0 | 2.5 | 1.5 | 18.1 | 0.9 | 1.7 | 1.3 | 3.8 | 0.9 | 1.3 | 0.7 | 1.8 | 0.9 | 1.1 | 0.6 | 1.5 | 6.1 | 0.6 | 5.5 | 0.9 |
| 12 2205 | 0.03 | 0.000 | 2.2 | 19.2 | 4.2 | 4.9 | 1.8 | 15.0 | 1.3 | 1.6 | 1.0 | 3.2 | 0.6 | 0.5 | 0.4 | 1.4 | 0.6 | 1.0 | 0.7 | 3.9 | 4.7 | 1.2 | 7.0 | 1.2 |
| 13 0105 | 0.03 | 0.000 | 2.2 | 21.1 | 2.8 | 5.6 | 2.4 | 13.7 | 1.3 | 1.8 | 0.7 | 2.5 | 0.8 | 1.0 | 0.6 | 1.8 | 0.7 | 0.7 | 0.8 | 4.6 | 3.7 | 0.8 | 7.4 | 0.4 |
| 13 0405 | 0.02 | 0.000 | 1.7 | 21.6 | 4.0 | 3.9 | 2.8 | 10.3 | 1.1 | 1.3 | 0.9 | 2.2 | 0.8 | 0.6 | 0.6 | 1.6 | 0.9 | 1.2 | 0.9 | 4.3 | 5.1 | 1.2 | 6.6 | 0.8 |
| 13 0705 | 0.02 | 0.000 | 0.9 | 25.7 | 1.7 | 8.2 | 1.6 | 7.3 | 1.1 | 2.3 | 0.8 | 1.8 | 0.8 | 1.0 | 1.0 | 1.0 | 0.4 | 1.7 | 0.5 | 3.3 | 2.0 | 1.5 | 4.9 | 0.7 |
| 13 1005 | 0.01 | 0.000 | 2.6 | 2.8 | 2.5 | 2.8 | 4.0 | 2.2 | 2.7 | 2.6 | 2.3 | 3.6 | 1.7 | 2.9 | 2.0 | 1.3 | 1.8 | 1.0 | 1.3 | 1.7 | 0.8 | 1.5 | 2.2 | 1.3 |
| 13 1305 | 0.00 | 0.000 | 2.8 | 11.2 | 8.0 | 3.4 | 2.0 | 2.0 | 1.6 | 2.4 | 2.2 | 1.2 | 0.8 | 0.9 | 1.4 | 1.7 | 1.0 | 1.6 | 1.4 | 1.0 | 1.4 | 1.2 | 1.6 | 1.0 |
| 13 1605 | 0.00 | 0.000 | 2.2 | 11.1 | 13.8 | 1.7 | 1.6 | 1.5 | 1.7 | 2.3 | 1.9 | 1.1 | 1.1 | 0.7 | 1.1 | 1.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.8 | 1.0 | 0.6 | 1.2 |
| 13 1905 | 0.03 | 0.000 | 0.5 | 23.1 | 2.6 | 4.0 | 2.3 | 12.9 | 1.1 | 1.9 | 1.1 | 2.5 | 1.2 | 0.6 | 0.5 | 1.7 | 0.5 | 0.9 | 0.7 | 4.2 | 4.9 | 1.1 | 8.2 | 0.9 |
| 13 2205 | 0.02 | 0.000 | 2.1 | 20.8 | 2.8 | 5.7 | 3.1 | 10.4 | 1.0 | 2.1 | 1.1 | 2.7 | 1.0 | 0.8 | 0.9 | 1.6 | 0.6 | 0.9 | 1.0 | 5.6 | 2.4 | 1.9 | 6.9 | 1.3 |
| 14 0105 | 0.02 | 0.000 | 0.4 | 26.3 | 4.1 | 3.4 | 2.7 | 8.7 | 1.5 | 1.5 | 0.7 | 1.6 | 1.0 | 0.7 | 0.6 | 1.8 | 0.6 | 2.1 | 0.6 | 6.1 | 3.2 | 0.7 | 7.1 | 1.0 |
| 14 0405 | 0.02 | 0.000 | 2.9 | 21.6 | 3.3 | 4.4 | 2.7 | 8.5 | 1.5 | 1.8 | 1.0 | 2.6 | 0.8 | 0.6 | 0.7 | 1.4 | 0.7 | 1.2 | 0.8 | 5.6 | 3.3 | 1.8 | 6.7 | 0.9 |
| 14 0705 | 0.01 | 0.000 | 0.9 | 21.1 | 2.2 | 12.1 | 1.8 | 7.0 | 0.6 | 2.9 | 0.8 | 2.3 | 0.9 | 0.7 | 0.8 | 1.1 | 0.6 | 0.6 | 0.7 | 2.7 | 1.2 | 1.4 | 2.2 | 1.2 |
| 14 1005 | 0.01 | 0.000 | 5.9 | 3.2 | 2.1 | 1.4 | 1.9 | 1.9 | 1.9 | 1.7 | 1.8 | 1.2 | 1.7 | 1.2 | 1.1 | 1.7 | 0.8 | 1.0 | 1.1 | 1.4 | 1.3 | 0.8 | 1.2 | 1.4 |
| 14 1305 | 0.00 | 0.000 | 1.6 | 4.9 | 5.0 | 1.8 | 1.5 | 1.4 | 1.4 | 2.0 | 1.3 | 1.1 | 1.0 | 1.5 | 1.6 | 1.4 | 1.6 | 0.7 | 0.7 | 0.9 | 0.5 | 1.2 | 1.6 | 2.2 |
| 14 1605 | 0.00 | 0.000 | 1.0 | 15.6 | 10.1 | 2.5 | 0.7 | 0.5 | 0.3 | 1.7 | 0.8 | 0.7 | 6.9 | 1.0 | 0.5 | 0.6 | 0.5 | 0.3 | 0.2 | 0.2 | 0.4 | 0.8 | 0.6 | 2.5 |
| 14 1905 | 0.03 | 0.000 | 0.6 | 21.8 | 3.4 | 3.7 | 2.3 | 13.3 | 1.4 | 2.2 | 0.9 | 2.8 | 1.1 | 0.8 | 0.8 | 1.1 | 1.0 | 1.1 | 1.1 | 3.8 | 4.8 | 0.6 | 7.1 | 0.6 |
| 14 2205 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 15 0105 | 0.02 | 0.000 | 1.1 | 26.9 | 3.3 | 4.7 | 2.3 | 8.0 | 1.7 | 1.5 | 0.8 | 1.5 | 0.6 | 0.7 | 1.0 | 1.8 | 0.6 | 1.4 | 0.9 | 1.9 | 5.6 | 0.8 | 7.9 | 0.8 |
| 15 0405 | 0.03 | 0.000 | 1.9 | 20.1 | 3.2 | 3.7 | 2.1 | 8.1 | 1.5 | 1.3 | 0.6 | 1.9 | 0.5 | 1.0 | 0.6 | 1.0 | 0.6 | 1.0 | 0.7 | 3.4 | 3.4 | 1.1 | 5.4 | 0.6 |

SHOTGUN COVE, AK (H-P FILTERED)
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 0705 | 0.02 | 0.000 | 0.6 | 25.6 | 2.7 | 2.8 | 1.3 | 9.3 | 1.1 | 1.5 | 0.6 | 2.9 | 0.7 | 1.0 | 0.5 | 1.7 | 0.8 | 1.5 | 0.4 | 6.1 | 4.1 | 0.5 | 8.2 | 0.7 |
| 15 1005 | 0.01 | 0.000 | 3.1 | 2.5 | 1.6 | 1.0 | 1.2 | 1.0 | 1.0 | 0.5 | 0.8 | 0.6 | 0.7 | 0.8 | 0.8 | 1.1 | 1.0 | 1.1 | 1.2 | 1.3 | 1.6 | 1.5 | 1.4 | 1.7 |
| 15 1305 | 0.01 | 0.000 | 2.7 | 1.4 | 1.3 | 1.5 | 1.0 | 2.0 | 1.1 | 1.0 | 0.7 | 0.8 | 1.1 | 1.4 | 1.6 | 3.3 | 3.5 | 4.0 | 4.0 | 5.1 | 2.7 | 2.0 | 2.3 | 1.7 |
| 15 1605 | 0.01 | 0.000 | 3.2 | 3.1 | 2.3 | 2.7 | 1.8 | 1.0 | 1.2 | 0.8 | 1.0 | 1.2 | 1.0 | 0.5 | 1.1 | 1.0 | 1.1 | 0.8 | 1.2 | 1.8 | 1.2 | 1.1 | 1.8 | 1.3 |
| 15 1905 | 0.02 | 0.000 | 0.4 | 23.4 | 3.4 | 3.9 | 3.3 | 10.7 | 1.8 | 1.6 | 1.4 | 1.8 | 0.8 | 0.6 | 0.8 | 2.6 | 0.7 | 0.7 | 1.1 | 3.1 | 4.6 | 0.9 | 6.4 | 0.6 |
| 15 2205 | 0.03 | 0.000 | 0.8 | 23.8 | 2.8 | 4.8 | 2.0 | 11.2 | 1.9 | 2.0 | 1.1 | 1.9 | 1.0 | 0.9 | 0.7 | 2.2 | 0.6 | 0.5 | 0.6 | 6.2 | 2.5 | 1.2 | 6.4 | 0.8 |
| 16 0105 | 0.03 | 0.000 | 3.1 | 20.8 | 4.0 | 6.0 | 2.2 | 8.7 | 1.5 | 1.7 | 1.3 | 2.7 | 1.1 | 1.1 | 0.7 | 1.0 | 0.7 | 1.4 | 1.2 | 3.0 | 4.5 | 0.9 | 5.7 | 1.0 |
| 16 0405 | 0.02 | 0.000 | 7.5 | 20.1 | 3.2 | 7.4 | 2.0 | 9.4 | 1.1 | 1.4 | 1.1 | 1.8 | 0.5 | 0.8 | 0.6 | 1.7 | 0.9 | 1.4 | 1.5 | 2.4 | 3.9 | 1.9 | 4.5 | 0.8 |
| 16 0705 | 0.00 | 0.000 | 3.5 | 2.2 | 1.5 | 2.7 | 1.8 | 1.5 | 1.5 | 1.4 | 1.7 | 1.8 | 0.8 | 1.0 | 1.2 | 1.7 | 0.9 | 1.1 | 1.7 | 1.0 | 1.4 | 2.1 | 1.2 | 1.6 |
| 16 1005 | 0.00 | 0.000 | 2.6 | 2.7 | 1.7 | 1.4 | 2.4 | 2.0 | 1.6 | 2.0 | 1.2 | 1.2 | 1.8 | 1.0 | 1.2 | 1.7 | 1.6 | 1.5 | 1.1 | 1.1 | 1.4 | 1.0 | 1.1 | 2.2 |
| 16 1305 | 0.00 | 0.000 | 3.9 | 15.0 | 16.4 | 3.3 | 1.7 | 0.6 | 1.0 | 2.6 | 1.3 | 1.1 | 1.1 | 0.8 | 1.0 | 1.6 | 0.8 | 1.0 | 1.7 | 1.0 | 1.6 | 1.1 | 0.7 | 0.9 |
| 16 1605 | 0.00 | 0.000 | 0.5 | 10.3 | 10.4 | 1.2 | 0.5 | 0.3 | 0.3 | 1.0 | 0.8 | 0.3 | 0.2 | 0.2 | 0.3 | 0.6 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 2.8 |
| 16 1905 | 0.03 | 0.000 | 0.9 | 20.4 | 4.2 | 6.7 | 2.2 | 12.2 | 2.4 | 2.6 | 1.4 | 2.7 | 1.0 | 0.9 | 1.0 | 1.4 | 0.8 | 0.9 | 0.8 | 2.5 | 3.1 | 0.8 | 4.8 | 0.9 |
| 16 2205 | 0.02 | 0.000 | 0.9 | 26.7 | 3.2 | 4.9 | 2.1 | 5.2 | 1.4 | 1.0 | 1.1 | 1.6 | 0.7 | 0.9 | 0.6 | 1.8 | 0.6 | 0.7 | 0.7 | 6.6 | 0.9 | 1.6 | 7.8 | 1.1 |
| 17 0105 | 0.02 | 0.000 | 1.4 | 27.0 | 3.0 | 4.8 | 2.3 | 5.8 | 1.4 | 0.9 | 0.8 | 1.8 | 0.8 | 0.9 | 1.3 | 2.4 | 0.9 | 1.0 | 0.7 | 2.9 | 5.7 | 1.0 | 7.1 | 0.8 |
| 17 0405 | 0.03 | 0.000 | 3.4 | 23.7 | 3.8 | 6.5 | 2.0 | 5.5 | 1.5 | 1.6 | 0.9 | 1.9 | 0.8 | 1.0 | 0.7 | 1.7 | 0.8 | 1.1 | 1.0 | 2.9 | 3.6 | 2.6 | 5.7 | 1.8 |
| 17 0705 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 17 1005 | 0.00 | 0.000 | 4.7 | 3.2 | 2.9 | 1.5 | 1.9 | 2.2 | 1.0 | 1.3 | 1.1 | 1.4 | 0.9 | 1.0 | 1.0 | 0.8 | 0.9 | 0.8 | 1.3 | 1.7 | 0.8 | 1.4 | 1.3 | 1.6 |
| 17 1305 | 0.01 | 0.000 | 1.7 | 10.0 | 7.8 | 1.9 | 1.4 | 0.6 | 1.3 | 2.4 | 1.5 | 1.0 | 0.9 | 1.0 | 1.2 | 1.6 | 0.8 | 0.4 | 1.0 | 0.6 | 1.0 | 0.8 | 1.1 | 2.1 |
| 17 1605 | 0.00 | 0.000 | 1.5 | 20.7 | 12.5 | 2.4 | 1.3 | 2.2 | 2.9 | 3.0 | 2.0 | 1.6 | 1.0 | 0.6 | 0.7 | 1.7 | 0.4 | 0.5 | 0.5 | 0.4 | 0.6 | 0.9 | 0.7 | 2.2 |
| 17 1905 | 0.03 | 0.000 | 1.7 | 18.5 | 5.5 | 10.3 | 3.1 | 7.6 | 2.7 | 3.8 | 1.4 | 3.2 | 2.0 | 1.2 | 0.5 | 1.1 | 0.9 | 1.0 | 1.0 | 1.1 | 2.0 | 0.5 | 2.4 | 0.7 |
| 17 2205 | 0.03 | 0.000 | 5.2 | 20.2 | 4.2 | 6.4 | 2.2 | 6.4 | 2.1 | 1.1 | 1.3 | 2.7 | 0.8 | 0.5 | 0.7 | 1.9 | 0.8 | 1.2 | 1.0 | 3.7 | 3.9 | 3.6 | 4.7 | 0.9 |
| 18 0105 | 0.03 | 0.000 | 4.3 | 22.1 | 5.3 | 5.5 | 1.5 | 5.4 | 1.3 | 0.7 | 0.8 | 3.0 | 1.2 | 0.7 | 0.7 | 2.4 | 0.9 | 1.1 | 1.1 | 1.7 | 5.0 | 3.2 | 6.2 | 1.8 |
| 18 0405 | 0.03 | 0.000 | 2.6 | 23.6 | 2.8 | 4.8 | 1.8 | 4.3 | 1.2 | 1.1 | 0.8 | 2.4 | 0.9 | 1.5 | 1.1 | 2.2 | 0.9 | 1.0 | 0.9 | 5.6 | 3.0 | 1.6 | 10.6 | 0.6 |
| 18 0705 | 0.03 | 0.000 | 0.9 | 1.1 | 1.7 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 1.1 | 0.7 | 1.3 | 1.0 | 1.0 | 0.8 | 0.8 | 1.3 | 1.4 | 1.3 | 1.0 | 2.3 | 1.8 | 1.4 |
| 18 1005 | 0.05 | 0.000 | 0.1 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.1 | 0.4 | 0.5 | 0.4 | 0.2 | 0.4 | 0.4 | 0.4 |
| 18 1305 | 0.07 | 0.001 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | 0.2 | 0.3 | 0.2 | 0.4 | 0.7 | 1.2 | 1.5 | 1.8 | 1.1 | 0.9 | 1.5 |
| 18 1605 | 0.04 | 0.000 | 0.2 | 0.3 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.6 | 0.6 | 0.9 | 0.6 | 1.4 | 0.8 | 0.6 | 0.8 | 1.4 |
| 18 1905 | 0.04 | 0.000 | 0.3 | 1.2 | 0.5 | 1.2 | 0.4 | 0.7 | 0.3 | 0.3 | 0.2 | 0.4 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 |
| 18 2205 | 0.05 | 0.000 | 0.5 | 8.4 | 2.3 | 1.3 | 1.0 | 2.4 | 0.5 | 0.6 | 0.5 | 0.6 | 0.5 | 0.4 | 0.4 | 0.5 | 0.4 | 0.3 | 0.5 | 0.7 | 2.0 | 0.8 | 2.7 | 0.4 |
| 19 0105 | 0.04 | 0.000 | 1.8 | 11.4 | 2.9 | 2.6 | 1.2 | 4.8 | 0.9 | 0.6 | 0.4 | 1.7 | 0.7 | 1.0 | 0.6 | 1.1 | 0.5 | 1.0 | 1.7 | 2.7 | 3.8 | 2.3 | 3.8 | 1.9 |
| 19 0405 | 0.03 | 0.000 | 1.3 | 12.1 | 2.7 | 4.9 | 2.1 | 5.8 | 0.5 | 0.8 | 0.9 | 2.3 | 0.7 | 0.5 | 1.2 | 0.9 | 0.9 | 1.0 | 1.4 | 6.2 | 3.6 | 3.6 | 8.6 | 1.5 |
| 19 0705 | 0.03 | 0.000 | 1.0 | 1.5 | 1.3 | 1.6 | 1.1 | 1.2 | 0.9 | 0.9 | 0.7 | 0.8 | 1.1 | 1.2 | 0.7 | 0.8 | 1.1 | 1.5 | 1.1 | 4.9 | 2.9 | 2.8 | 2.9 | 2.3 |
| 19 1005 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 19 1305 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 19 1605 | 0.01 | 0.000 | 4.0 | 3.3 | 3.4 | 4.0 | 1.8 | 2.0 | 1.5 | 1.3 | 1.3 | 1.6 | 1.3 | 1.0 | 1.4 | 0.7 | 0.9 | 1.5 | 1.2 | 1.0 | 1.4 | 1.5 | 2.9 | 1.6 |
| 19 1905 | 0.03 | 0.000 | 3.5 | 16.2 | 9.2 | 10.3 | 2.0 | 5.9 | 2.4 | 3.5 | 1.2 | 2.7 | 1.6 | 1.6 | 0.9 | 0.9 | 0.6 | 0.6 | 1.2 | 1.2 | 0.9 | 0.6 | 1.0 | 0.6 |
| 19 2205 | 0.02 | 0.000 | 1.8 | 24.2 | 3.9 | 4.2 | 2.3 | 6.8 | 2.0 | 1.3 | 0.6 | 1.9 | 0.9 | 0.9 | 0.4 | 2.1 | 0.5 | 1.3 | 1.1 | 4.1 | 3.4 | 1.3 | 7.5 | 1.3 |

SHOTGUN COVE, AK (H-P FILTERED)
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 0105 | 0.03 | 0.000 | 2.3 | 25.9 | 4.0 | 3.9 | 2.3 | 4.9 | 1.6 | 1.3 | 0.9 | 2.3 | 0.8 | 1.0 | 0.6 | 1.7 | 1.0 | 1.1 | 1.3 | 5.2 | 3.0 | 1.6 | 7.7 | 0.7 |
| 20 0405 | 0.03 | 0.000 | 2.1 | 26.2 | 3.6 | 3.4 | 2.4 | 6.4 | 1.9 | 1.1 | 0.7 | 2.0 | 0.7 | 0.6 | 0.9 | 1.3 | 0.7 | 1.0 | 1.1 | 4.5 | 2.9 | 2.2 | 7.2 | 1.1 |
| 20 0705 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 20 1005 | 0.01 | 0.000 | 2.4 | 2.9 | 1.9 | 5.6 | 2.1 | 1.3 | 0.9 | 1.6 | 2.0 | 1.9 | 1.9 | 1.3 | 1.5 | 1.5 | 1.1 | 0.7 | 1.1 | 1.6 | 1.3 | 0.5 | 1.8 | 1.2 |
| 20 1305 | 0.01 | 0.000 | 1.2 | 2.7 | 3.8 | 1.0 | 0.8 | 0.6 | 0.5 | 0.5 | 0.7 | 1.1 | 1.3 | 0.8 | 0.6 | 0.6 | 0.9 | 0.6 | 0.8 | 0.6 | 1.1 | 1.5 | 0.6 | 1.1 |
| 20 1605 | 0.01 | 0.000 | 1.6 | 3.8 | 3.4 | 2.1 | 3.2 | 2.5 | 2.9 | 2.1 | 1.2 | 2.1 | 2.1 | 1.9 | 2.1 | 2.1 | 1.8 | 1.6 | 2.6 | 2.1 | 2.0 | 3.0 | 2.3 | 1.6 |
| 20 1905 | 0.03 | 0.000 | 3.8 | 13.8 | 4.1 | 13.8 | 2.8 | 4.5 | 1.8 | 1.4 | 1.3 | 1.7 | 1.2 | 1.7 | 1.3 | 1.7 | 0.9 | 1.0 | 1.2 | 1.2 | 1.2 | 1.3 | 1.1 | 0.9 |
| 20 2205 | 0.02 | 0.000 | 3.7 | 27.2 | 4.4 | 4.9 | 1.8 | 4.8 | 1.7 | 0.9 | 1.1 | 2.1 | 1.1 | 0.6 | 0.9 | 1.6 | 0.7 | 0.8 | 0.8 | 5.7 | 1.6 | 2.8 | 5.6 | 1.2 |
| 21 0105 | 0.03 | 0.000 | 4.6 | 19.6 | 4.4 | 8.5 | 3.2 | 4.8 | 1.7 | 1.4 | 0.8 | 3.5 | 1.1 | 0.5 | 0.8 | 1.8 | 0.9 | 1.0 | 1.2 | 5.2 | 3.5 | 1.8 | 7.0 | 0.5 |
| 21 0405 | 0.03 | 0.000 | 3.0 | 23.1 | 5.3 | 6.4 | 1.7 | 6.7 | 1.4 | 1.5 | 1.0 | 2.7 | 0.4 | 0.8 | 1.3 | 1.7 | 0.7 | 0.8 | 1.2 | 5.7 | 2.5 | 4.6 | 5.0 | 1.3 |
| 21 0705 | 0.01 | 0.000 | 3.2 | 2.7 | 2.1 | 3.0 | 2.0 | 1.5 | 2.3 | 0.9 | 2.1 | 1.5 | 1.6 | 1.2 | 1.3 | 0.9 | 1.1 | 1.1 | 0.8 | 1.0 | 1.8 | 0.9 | 1.7 | 1.6 |
| 21 1005 | 0.01 | 0.000 | 1.8 | 5.4 | 4.0 | 1.8 | 4.2 | 2.2 | 3.1 | 2.7 | 2.7 | 2.5 | 1.6 | 3.2 | 2.4 | 2.0 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 1.7 | 1.5 | 1.6 |
| 21 1305 | 0.00 | 0.000 | 1.1 | 1.8 | 1.9 | 0.8 | 0.8 | 0.9 | 0.6 | 0.6 | 0.4 | 0.9 | 1.1 | 0.4 | 0.8 | 1.1 | 1.1 | 1.1 | 0.9 | 1.2 | 2.1 | 1.0 | 1.2 | 0.8 |
| 21 1605 | 0.00 | 0.000 | 1.3 | 15.2 | 10.7 | 2.7 | 1.4 | 1.0 | 2.0 | 3.8 | 2.1 | 1.4 | 10.6 | 1.6 | 1.2 | 1.3 | 0.3 | 0.6 | 0.5 | 0.6 | 1.1 | 0.7 | 1.1 | 1.9 |
| 21 1905 | 0.01 | 0.000 | 1.4 | 3.9 | 2.5 | 2.8 | 2.0 | 2.4 | 3.0 | 2.5 | 1.8 | 1.8 | 1.7 | 1.5 | 1.3 | 1.2 | 1.2 | 1.0 | 1.3 | 1.3 | 0.7 | 1.5 | 1.5 | 2.4 |
| 21 2205 | 0.02 | 0.000 | 3.6 | 23.6 | 4.6 | 5.0 | 2.9 | 5.0 | 2.3 | 1.5 | 1.6 | 1.6 | 1.2 | 1.2 | 1.1 | 2.0 | 1.2 | 1.1 | 1.2 | 3.4 | 3.9 | 3.7 | 4.2 | 1.0 |
| 22 0105 | 0.03 | 0.000 | 6.5 | 22.4 | 4.0 | 5.3 | 1.8 | 4.9 | 1.8 | 1.4 | 1.2 | 2.3 | 0.8 | 0.9 | 0.7 | 2.0 | 1.0 | 0.7 | 0.7 | 3.4 | 4.8 | 2.1 | 7.2 | 1.2 |
| 22 0405 | 0.03 | 0.000 | 1.4 | 23.8 | 3.6 | 6.6 | 1.7 | 5.6 | 1.3 | 1.0 | 1.5 | 2.8 | 0.8 | 0.8 | 0.7 | 2.7 | 0.8 | 0.8 | 0.7 | 3.0 | 5.9 | 2.3 | 8.6 | 1.1 |
| 22 0705 | 0.00 | 0.000 | 1.6 | 1.2 | 1.7 | 2.6 | 2.2 | 3.6 | 2.7 | 1.9 | 1.6 | 1.2 | 1.2 | 1.4 | 1.0 | 0.9 | 0.9 | 1.6 | 1.0 | 1.2 | 1.1 | 1.5 | 1.2 | 0.8 |
| 22 1005 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 22 1305 | 0.03 | 0.000 | 0.9 | 0.9 | 1.3 | 0.8 | 1.0 | 0.7 | 0.8 | 1.0 | 1.8 | 1.5 | 1.4 | 1.3 | 1.5 | 1.0 | 2.4 | 2.0 | 3.9 | 2.9 | 3.7 | 1.7 | 1.9 | 1.9 |
| 22 1605 | 0.08 | 0.001 | 0.0 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.4 | 0.4 | 0.7 | 0.4 | 0.6 | 0.3 | 0.4 | 0.3 | 0.5 |
| 22 1905 | 0.04 | 0.000 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.7 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 1.0 | 0.6 | 0.8 | 1.5 | 0.9 | 0.7 | 1.4 | 1.1 | 0.7 |
| 22 2205 | 0.05 | 0.000 | 0.6 | 8.9 | 1.3 | 1.3 | 0.5 | 3.1 | 0.6 | 0.4 | 0.3 | 0.8 | 0.5 | 0.6 | 0.4 | 0.9 | 0.4 | 0.6 | 0.4 | 1.4 | 1.9 | 0.9 | 1.7 | 0.4 |
| 23 0105 | 0.04 | 0.000 | 1.1 | 11.6 | 2.0 | 2.7 | 0.8 | 3.4 | 0.8 | 1.0 | 0.5 | 1.5 | 0.6 | 0.4 | 0.7 | 0.9 | 0.5 | 0.4 | 1.1 | 2.8 | 3.5 | 1.9 | 4.0 | 1.3 |
| 23 0405 | 0.05 | 0.000 | 0.6 | 8.7 | 0.9 | 0.9 | 0.9 | 3.2 | 0.4 | 0.6 | 0.5 | 1.0 | 0.5 | 0.4 | 0.5 | 1.1 | 1.2 | 1.1 | 1.4 | 3.0 | 2.1 | 1.4 | 3.1 | 1.0 |
| 23 0705 | 0.05 | 0.000 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.5 | 0.5 | 0.4 | 0.6 | 0.5 | 0.5 | 0.9 | 0.8 | 0.8 | 1.5 | 2.1 | 2.4 | 2.7 | 2.1 | 1.8 | 3.1 | 1.1 |
| 23 1005 | 0.03 | 0.000 | 0.6 | 1.6 | 1.2 | 0.8 | 1.0 | 0.7 | 0.5 | 1.0 | 1.1 | 1.2 | 1.5 | 1.6 | 2.0 | 2.3 | 1.7 | 2.3 | 2.2 | 1.7 | 1.8 | 2.1 | 2.1 | 1.1 |
| 23 1305 | 0.03 | 0.000 | 1.0 | 1.1 | 1.6 | 1.6 | 1.1 | 1.0 | 1.4 | 0.9 | 1.0 | 1.2 | 0.8 | 0.7 | 1.0 | 1.2 | 1.4 | 3.6 | 3.3 | 3.4 | 3.3 | 3.6 | 3.0 | 1.8 |
| 23 1605 | 0.01 | 0.000 | 1.5 | 2.9 | 3.5 | 2.8 | 2.7 | 1.8 | 1.2 | 1.3 | 1.5 | 0.8 | 1.4 | 0.9 | 1.0 | 0.8 | 1.3 | 1.2 | 2.3 | 3.9 | 3.7 | 4.2 | 2.6 | 2.5 |
| 23 1905 | 0.01 | 0.000 | 1.6 | 1.1 | 0.6 | 0.5 | 0.9 | 0.8 | 0.7 | 1.4 | 0.8 | 1.3 | 1.2 | 0.9 | 1.6 | 1.4 | 2.2 | 1.6 | 1.6 | 1.3 | 1.1 | 2.4 | 1.6 | 4.6 |
| 23 2205 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 24 0105 | 0.03 | 0.000 | 3.9 | 24.6 | 5.1 | 4.2 | 1.5 | 3.5 | 1.3 | 1.3 | 0.9 | 2.6 | 0.6 | 0.7 | 1.0 | 1.9 | 0.9 | 0.7 | 1.3 | 4.1 | 3.7 | 3.7 | 5.9 | 1.3 |
| 24 0405 | 0.03 | 0.000 | 2.0 | 24.8 | 3.5 | 5.9 | 2.2 | 5.0 | 1.3 | 1.2 | 0.8 | 2.4 | 1.3 | 0.7 | 0.9 | 1.8 | 0.9 | 1.0 | 1.0 | 4.8 | 4.2 | 2.5 | 9.5 | 0.9 |
| 24 0705 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 24 1005 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 24 1305 | 0.01 | 0.000 | 2.5 | 2.6 | 2.0 | 2.0 | 1.6 | 1.6 | 1.6 | 2.2 | 1.4 | 1.3 | 1.4 | 1.5 | 1.1 | 2.5 | 2.0 | 1.5 | 2.1 | 1.6 | 1.2 | 1.2 | 1.5 | 1.1 |

SHOTGUN COVE, AK (H-P FILTERED)
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 1605 | 0.01 | 0.000 | 2.3 | 1.5 | 1.0 | 0.8 | 0.8 | 0.9 | 0.7 | 0.8 | 0.7 | 1.0 | 1.8 | 2.9 | 2.8 | 2.8 | 1.7 | 2.4 | 1.4 | 1.3 | 1.6 | 1.6 | 1.4 | 1.2 |
| 24 1905 | 0.02 | 0.000 | 1.9 | 5.4 | 4.0 | 8.7 | 2.1 | 3.9 | 1.0 | 2.3 | 0.7 | 1.7 | 1.2 | 1.4 | 2.1 | 2.8 | 2.1 | 2.4 | 2.4 | 1.4 | 2.0 | 1.4 | 1.7 | 2.0 |
| 24 2205 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 25 0105 | 0.02 | 0.000 | 3.8 | 23.4 | 6.8 | 8.4 | 3.0 | 4.8 | 2.3 | 1.5 | 0.7 | 1.3 | 0.8 | 1.2 | 0.7 | 1.9 | 0.8 | 0.5 | 1.1 | 3.1 | 2.7 | 2.5 | 5.1 | 0.7 |
| 25 0405 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 25 0705 | 0.00 | 0.000 | 3.0 | 3.5 | 4.4 | 3.2 | 1.6 | 2.1 | 1.9 | 1.8 | 1.0 | 1.5 | 1.3 | 1.3 | 1.8 | 1.2 | 1.6 | 1.8 | 1.1 | 0.9 | 1.7 | 1.0 | 1.6 | 1.0 |
| 25 1005 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 25 1305 | 0.06 | 0.000 | 1.7 | 2.0 | 3.9 | 2.2 | 1.7 | 1.3 | 0.5 | 1.3 | 0.9 | 1.2 | 0.9 | 1.2 | 1.5 | 2.6 | 7.1 | 6.9 | 5.6 | 2.6 | 3.5 | 1.8 | 1.3 | 1.9 |
| 25 1605 | 0.01 | 0.000 | 1.9 | 2.8 | 2.0 | 2.0 | 1.7 | 1.6 | 1.2 | 1.3 | 1.1 | 0.7 | 0.9 | 1.5 | 1.9 | 1.8 | 3.2 | 3.2 | 5.3 | 4.0 | 3.5 | 3.0 | 2.4 | 2.5 |
| 25 1905 | 0.01 | 0.000 | 1.0 | 1.0 | 0.5 | 0.4 | 0.5 | 0.4 | 0.4 | 0.5 | 0.4 | 0.6 | 0.4 | 0.7 | 0.6 | 0.6 | 0.5 | 1.3 | 1.1 | 1.0 | 1.6 | 1.9 | 2.1 | 3.3 |
| 25 2205 | 0.02 | 0.000 | 2.8 | 21.0 | 6.6 | 8.8 | 2.8 | 9.0 | 1.5 | 1.8 | 0.8 | 2.9 | 0.7 | 1.5 | 0.6 | 1.3 | 0.8 | 0.9 | 1.0 | 2.6 | 3.5 | 1.4 | 5.5 | 0.7 |
| 26 0105 | 0.03 | 0.000 | 8.4 | 20.0 | 4.0 | 4.9 | 3.5 | 10.1 | 1.4 | 1.6 | 0.7 | 1.8 | 0.6 | 1.5 | 0.8 | 1.5 | 0.6 | 0.8 | 1.2 | 2.2 | 4.4 | 2.2 | 6.3 | 0.5 |
| 26 0405 | 0.02 | 0.000 | 4.1 | 22.7 | 4.5 | 8.6 | 2.4 | 8.0 | 1.9 | 1.6 | 0.8 | 2.2 | 0.8 | 0.8 | 0.6 | 1.5 | 0.7 | 1.1 | 0.7 | 3.6 | 3.1 | 0.9 | 5.3 | 0.9 |
| 26 0705 | 0.01 | 0.000 | 1.0 | 0.7 | 0.7 | 0.8 | 0.6 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.4 | 0.6 | 0.7 | 1.7 | 1.6 | 3.1 | 3.5 | 6.6 | 4.4 | 4.4 | 1.9 | 1.6 |
| 26 1005 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 26 1305 | 0.07 | 0.001 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 1.1 | 1.3 | 2.0 |
| 26 1605 | 0.16 | 0.003 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 1.4 | 4.7 | 7.0 | 7.3 | 9.7 | 8.2 |
| 26 1905 | 0.12 | 0.001 | 0.1 | 1.8 | 0.3 | 0.3 | 0.2 | 0.6 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.2 | 0.5 | 0.4 | 1.3 | 1.7 | 1.8 | 4.9 | 5.5 |
| 26 2205 | 0.11 | 0.001 | 0.3 | 2.1 | 0.4 | 0.4 | 0.2 | 0.8 | 0.2 | 0.1 | 0.1 | 0.3 | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 | 0.2 | 0.5 | 1.0 | 1.1 | 1.3 | 2.7 | 5.8 |
| 27 0105 | 0.12 | 0.002 | 0.3 | 1.2 | 0.4 | 0.4 | 0.2 | 0.6 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.5 | 1.9 | 1.4 | 1.1 | 1.5 | 3.1 | 6.2 | 10.5 | 9.6 |
| 27 0405 | 0.19 | 0.003 | 0.2 | 0.6 | 0.2 | 0.2 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 1.3 | 4.4 | 6.8 | 9.4 | 9.0 | 8.7 | 6.4 |
| 27 0705 | 0.15 | 0.002 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.6 | 0.8 | 0.8 | 1.8 | 2.1 | 2.4 | 6.8 | 7.4 | 7.3 |
| 27 1005 | 0.20 | 0.003 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 5.5 | 10.8 | 8.2 | 4.5 | 1.4 | 3.4 | 3.2 | 4.6 | 4.1 | 8.1 | 6.3 | 4.2 |
| 27 1305 | 0.11 | 0.001 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.6 | 2.6 | 3.9 | 3.2 | 4.5 | 3.4 | 3.3 | 3.7 | 5.6 | 4.5 | 5.6 | 6.5 |
| 27 1605 | 0.09 | 0.001 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.5 | 0.8 | 1.6 | 1.0 | 1.6 | 4.0 | 3.4 | 3.8 | 10.5 | 9.0 | 8.9 |
| 27 1905 | 0.05 | 0.000 | 0.1 | 0.3 | 0.5 | 0.7 | 0.4 | 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 1.3 | 2.6 | 2.2 | 4.3 | 2.5 | 4.0 | 2.1 | 1.9 |
| 27 2205 | 0.03 | 0.000 | 5.0 | 20.2 | 8.1 | 5.3 | 2.7 | 7.1 | 3.0 | 1.2 | 0.9 | 1.9 | 0.8 | 0.8 | 0.7 | 1.4 | 0.8 | 0.8 | 1.1 | 2.0 | 3.9 | 1.7 | 4.9 | 0.8 |
| 28 0105 | 0.03 | 0.000 | 6.0 | 21.4 | 4.3 | 5.7 | 1.8 | 6.7 | 1.1 | 1.1 | 1.4 | 1.6 | 1.2 | 1.1 | 0.6 | 2.2 | 0.9 | 1.0 | 1.0 | 5.2 | 1.9 | 1.6 | 7.5 | 1.5 |
| 28 0405 | 0.03 | 0.000 | 6.6 | 19.6 | 5.3 | 3.9 | 1.7 | 5.0 | 1.3 | 1.2 | 1.3 | 2.2 | 0.8 | 1.0 | 0.8 | 1.7 | 0.6 | 1.0 | 0.9 | 4.1 | 4.2 | 3.2 | 8.6 | 1.5 |
| 28 0705 | 0.01 | 0.000 | 2.4 | 6.5 | 3.0 | 5.2 | 2.8 | 2.5 | 1.9 | 1.7 | 1.4 | 1.2 | 1.4 | 1.5 | 1.4 | 0.7 | 1.2 | 1.4 | 1.0 | 1.1 | 1.2 | 1.1 | 1.3 | 1.1 |
| 28 1005 | 0.01 | 0.000 | 1.3 | 1.6 | 1.4 | 1.7 | 1.3 | 1.1 | 1.3 | 1.6 | 1.6 | 1.2 | 1.6 | 1.2 | 0.7 | 0.9 | 1.2 | 0.8 | 1.2 | 0.9 | 0.9 | 1.1 | 1.0 | 0.6 |
| 28 1305 | 0.03 | 0.000 | 0.3 | 0.4 | 0.9 | 0.4 | 0.8 | 0.5 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.3 | 0.3 | 0.5 | 0.4 | 0.5 | 0.4 | 0.3 | 0.4 | 0.3 | 0.4 | 0.8 |
| 28 1605 | 0.02 | 0.000 | 1.0 | 1.1 | 1.7 | 1.7 | 1.5 | 1.1 | 0.9 | 0.9 | 0.6 | 0.8 | 0.6 | 1.1 | 0.6 | 0.9 | 1.0 | 0.5 | 0.8 | 1.0 | 0.7 | 0.6 | 1.0 | 0.4 |
| 28 1905 | 0.06 | 0.000 | 0.1 | 0.2 | 0.2 | 0.5 | 0.2 | 0.3 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 1.6 | 1.6 | 2.2 |
| 28 2205 | 0.22 | 0.004 | 0.2 | 0.4 | 0.4 | 0.2 | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.6 | 1.7 | 5.1 | 13.7 | 8.9 | 8.3 | 12.2 | 5.3 | 3.6 |
| 29 0105 | 0.27 | 0.006 | 0.1 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.9 | 1.8 | 1.9 | 10.1 | 18.1 | 11.1 | 8.4 | 11.1 | 4.0 | 7.1 |
| 29 0405 | 0.16 | 0.002 | 0.1 | 0.8 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 1.8 | 4.4 | 8.0 | 16.0 | 7.7 | 9.8 | 6.6 |

SHOTGUN COVE, AK (H-P FILTERED)
MAR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 0705 | 0.10 | 0.001 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.6 | 1.9 | 4.1 | 9.6 | 10.3 |
| 29 1005 | 0.02 | 0.000 | 1.0 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.4 | 0.5 | 1.5 | 2.5 | 3.3 | 1.6 | 1.8 | 1.8 | 2.6 | 2.3 | 2.3 | 2.2 | 2.5 |
| 29 1305 | 0.02 | 0.000 | 0.6 | 1.1 | 1.0 | 0.6 | 0.4 | 0.3 | 0.6 | 0.6 | 0.9 | 0.8 | 0.4 | 1.3 | 1.3 | 3.8 | 4.4 | 4.8 | 5.2 | 5.7 | 3.5 | 3.7 | 2.8 | 6.0 |
| 29 1605 | 0.00 | 0.000 | 1.4 | 1.7 | 1.7 | 1.7 | 1.2 | 1.3 | 0.9 | 2.4 | 2.0 | 1.1 | 1.0 | 1.2 | 0.7 | 0.8 | 1.2 | 1.2 | 1.5 | 1.5 | 1.6 | 1.4 | 1.9 | 1.1 |
| 29 1905 | 0.02 | 0.000 | 0.9 | 0.4 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.5 | 0.4 | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.6 | 0.6 | 0.6 |
| 29 2205 | 0.02 | 0.000 | 6.1 | 19.1 | 3.5 | 7.7 | 2.1 | 6.8 | 1.5 | 1.3 | 1.5 | 1.8 | 0.9 | 0.8 | 0.9 | 1.8 | 0.6 | 0.9 | 1.0 | 5.6 | 1.5 | 1.4 | 6.6 | 1.2 |
| 30 0105 | 0.02 | 0.000 | 3.9 | 23.2 | 7.3 | 5.9 | 2.3 | 5.9 | 1.0 | 1.4 | 1.3 | 2.7 | 0.6 | 0.8 | 1.4 | 1.2 | 0.6 | 1.0 | 0.9 | 3.4 | 3.4 | 3.0 | 3.5 | 0.9 |
| 30 0405 | 0.09 | 0.001 | 0.6 | 2.3 | 1.2 | 0.8 | 0.4 | 1.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.4 | 0.1 | 0.3 | 0.2 | 0.6 | 0.7 | 0.5 | 0.8 | 0.3 |
| 30 0705 | 0.02 | 0.000 | 0.4 | 0.9 | 0.9 | 0.8 | 0.5 | 0.5 | 0.5 | 0.4 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 1.4 | 1.6 | 2.6 | 1.6 | 2.7 | 1.5 | 1.9 | 2.0 | 1.5 |
| 30 1005 | 0.03 | 0.000 | 0.5 | 1.0 | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 0.7 | 0.8 | 0.6 | 0.5 | 0.8 | 1.3 | 1.4 | 2.2 | 4.1 | 6.1 | 3.0 | 2.7 | 3.4 | 4.0 | 4.1 |
| 30 1305 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 30 1605 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 30 1905 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 30 2205 | 0.03 | 0.000 | 1.8 | 28.4 | 4.0 | 4.7 | 2.7 | 8.8 | 2.0 | 1.4 | 0.7 | 1.7 | 0.6 | 0.8 | 0.6 | 1.6 | 0.5 | 1.1 | 1.0 | 1.6 | 4.9 | 1.4 | 5.6 | 0.9 |
| 31 0105 | 0.02 | 0.000 | 4.0 | 22.7 | 5.5 | 10.5 | 3.7 | 6.7 | 1.6 | 1.6 | 1.1 | 1.7 | 0.8 | 0.8 | 0.6 | 1.7 | 1.0 | 1.0 | 0.7 | 3.5 | 2.9 | 1.5 | 4.0 | 0.8 |
| 31 0405 | 0.03 | 0.000 | 3.6 | 26.1 | 4.7 | 6.1 | 2.9 | 9.9 | 1.6 | 1.3 | 1.0 | 2.3 | 1.2 | 0.9 | 0.6 | 1.6 | 0.9 | 0.9 | 0.5 | 1.9 | 3.9 | 2.7 | 5.2 | 0.5 |
| 31 0705 | 0.10 | 0.001 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 1.6 |
| 31 1005 | 0.18 | 0.003 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 0.7 | 1.1 | 2.7 | 3.6 | 5.6 |
| 31 1305 | 0.22 | 0.004 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.4 | 0.5 | 0.6 | 1.2 | 2.9 | 3.7 | 14.0 | 10.4 | 9.7 |
| 31 1605 | 0.15 | 0.002 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 1.2 | 2.3 | 4.4 | 10.2 | 8.4 |
| 31 1905 | 0.14 | 0.002 | 0.1 | 1.0 | 0.3 | 0.7 | 0.2 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.4 | 0.8 | 2.4 | 8.6 | 12.3 | 11.5 | 9.0 | 6.2 |
| 31 2205 | 0.18 | 0.003 | 0.1 | 0.9 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.6 | 1.2 | 1.4 | 3.1 | 6.3 | 14.1 | 14.6 | 12.0 | 6.4 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME AST | HS (M) | EN (M2) | BAND CENTER FREQUENCY 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 0105 | 0.18 | 0.003 | 0.2 | 0.9 | 0.4 | 0.5 | 0.1 | 0.4 | 0.1 | 0.3 | 0.3 | 0.6 | 0.7 | 1.3 | 1.2 | 1.1 | 0.9 | 1.2 | 2.2 | 4.2 | 5.6 | 9.0 | 13.1 | 6.2 |
| 1 0405 | 0.17 | 0.003 | 0.1 | 0.9 | 0.3 | 0.3 | 0.1 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | 0.6 | 0.7 | 0.4 | 0.7 | 1.6 | 2.2 | 4.7 | 5.3 | 12.6 | 8.9 | 7.1 | 3.8 |
| 1 0705 | 0.27 | 0.006 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 1.2 | 2.4 | 9.2 | 9.8 | 15.2 | 8.1 | 8.3 | 9.1 |
| 1 1005 | 0.19 | 0.003 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.4 | 1.5 | 1.9 | 3.6 | 7.4 | 10.8 | 11.6 | 5.0 | 10.2 | 7.5 |
| 1 1305 | 0.14 | 0.002 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.7 | 2.0 | 4.0 | 12.5 | 11.3 |
| 1 1605 | 0.07 | 0.001 | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.6 | 0.5 | 0.6 | 0.7 | 1.7 | 2.8 | 6.4 | 12.0 |
| 1 1905 | 0.02 | 0.000 | 0.5 | 0.8 | 0.4 | 0.5 | 0.4 | 0.5 | 0.2 | 0.3 | 0.3 | 0.4 | 1.1 | 1.0 | 0.7 | 1.6 | 0.9 | 1.8 | 1.5 | 2.1 | 3.1 | 3.9 | 6.4 | 8.6 |
| 1 2205 | 0.03 | 0.000 | 2.5 | 25.1 | 7.4 | 6.6 | 2.5 | 8.1 | 1.2 | 2.3 | 0.8 | 2.1 | 0.5 | 1.4 | 0.6 | 1.7 | 0.8 | 0.9 | 1.1 | 2.2 | 4.2 | 1.9 | 4.3 | 0.8 |
| 2 0105 | 0.02 | 0.000 | 6.9 | 21.4 | 4.9 | 6.8 | 2.7 | 6.7 | 1.2 | 1.3 | 0.9 | 2.2 | 0.8 | 0.7 | 0.5 | 1.7 | 0.8 | 0.9 | 1.1 | 3.5 | 3.4 | 1.3 | 7.3 | 0.9 |
| 2 0405 | 0.03 | 0.000 | 3.6 | 17.6 | 9.3 | 9.5 | 2.5 | 7.8 | 2.1 | 1.8 | 0.7 | 1.2 | 1.1 | 0.6 | 0.6 | 1.9 | 0.7 | 0.9 | 1.1 | 3.1 | 3.1 | 2.2 | 5.0 | 1.2 |
| 2 0705 | 0.01 | 0.000 | 1.8 | 3.3 | 1.7 | 2.4 | 1.5 | 2.0 | 1.5 | 1.5 | 1.3 | 1.3 | 0.7 | 1.0 | 1.7 | 1.5 | 1.4 | 1.3 | 1.1 | 1.3 | 1.1 | 1.1 | 1.8 | 1.1 |
| 2 1005 | 0.01 | 0.000 | 0.6 | 0.5 | 0.4 | 0.5 | 0.5 | 0.7 | 0.5 | 0.6 | 0.5 | 0.4 | 0.7 | 0.7 | 0.8 | 0.8 | 1.0 | 0.9 | 0.9 | 1.4 | 1.3 | 1.4 | 2.1 | 2.2 |
| 2 1305 | 0.00 | 0.000 | 2.9 | 3.5 | 3.7 | 2.1 | 1.4 | 0.9 | 0.7 | 1.6 | 1.5 | 0.8 | 0.7 | 0.8 | 1.3 | 0.8 | 1.3 | 1.7 | 1.3 | 0.8 | 1.5 | 1.4 | 1.6 | 1.2 |
| 2 1605 | 0.00 | 0.000 | 2.1 | 18.4 | 17.9 | 2.3 | 1.5 | 1.2 | 1.0 | 3.1 | 1.3 | 1.3 | 0.9 | 0.9 | 0.7 | 2.7 | 0.9 | 0.6 | 0.5 | 0.4 | 0.6 | 0.6 | 0.6 | 2.2 |
| 2 1905 | 0.01 | 0.000 | 3.6 | 5.0 | 7.0 | 4.4 | 2.6 | 2.7 | 1.5 | 2.4 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.5 | 1.0 | 1.0 | 0.8 | 1.7 | 1.2 | 1.1 | 1.3 | 0.9 |
| 2 2205 | 0.04 | 0.000 | 2.2 | 11.3 | 4.3 | 5.6 | 2.3 | 4.1 | 1.1 | 1.3 | 0.5 | 2.0 | 0.3 | 0.5 | 0.6 | 1.1 | 0.7 | 0.5 | 0.4 | 2.0 | 2.3 | 1.7 | 2.4 | 0.9 |
| 3 0105 | 0.06 | 0.000 | 0.3 | 5.8 | 1.3 | 1.3 | 0.5 | 2.0 | 0.2 | 0.4 | 0.3 | 0.7 | 0.3 | 0.2 | 0.2 | 0.6 | 0.2 | 0.5 | 1.0 | 1.2 | 1.9 | 0.8 | 1.0 | 1.1 |
| 3 0405 | 0.04 | 0.000 | 1.8 | 10.5 | 2.5 | 1.7 | 1.5 | 3.2 | 0.7 | 0.6 | 0.4 | 0.9 | 0.4 | 0.3 | 0.5 | 0.7 | 0.6 | 0.7 | 0.5 | 1.3 | 2.4 | 2.1 | 3.1 | 1.0 |
| 3 0705 | 0.06 | 0.000 | 0.3 | 0.7 | 0.9 | 0.5 | 0.5 | 0.2 | 0.3 | 0.7 | 0.4 | 0.9 | 0.4 | 0.6 | 0.7 | 0.6 | 0.7 | 1.1 | 1.0 | 1.2 | 1.1 | 1.1 | 1.1 | 1.4 |
| 3 1005 | 0.05 | 0.000 | 0.1 | 0.2 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.4 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.4 | 0.5 | 0.4 | 0.5 | 0.4 |
| 3 1305 | 0.04 | 0.000 | 0.2 | 0.4 | 0.4 | 0.3 | 0.4 | 0.3 | 0.5 | 0.4 | 0.4 | 0.4 | 0.6 | 0.3 | 0.7 | 0.7 | 1.1 | 2.2 | 1.8 | 1.3 | 1.2 | 1.2 | 1.0 | 1.0 |
| 3 1605 | 0.03 | 0.000 | 1.1 | 1.9 | 1.3 | 1.7 | 1.3 | 1.1 | 1.2 | 1.1 | 1.5 | 1.3 | 1.6 | 1.1 | 1.3 | 1.3 | 1.1 | 2.1 | 2.0 | 6.6 | 4.7 | 4.7 | 3.1 | 2.1 |
| 3 1905 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 3 2205 | 0.03 | 0.000 | 4.6 | 15.5 | 8.9 | 5.6 | 1.6 | 6.3 | 3.1 | 2.1 | 1.3 | 1.8 | 0.9 | 0.9 | 1.1 | 1.3 | 1.0 | 0.8 | 1.1 | 2.5 | 3.3 | 2.1 | 3.5 | 2.0 |
| 4 0105 | 0.03 | 0.000 | 2.3 | 14.1 | 3.5 | 4.8 | 2.3 | 5.3 | 0.9 | 1.1 | 0.9 | 1.7 | 0.7 | 0.6 | 0.9 | 1.2 | 0.8 | 0.7 | 1.0 | 2.3 | 2.4 | 1.7 | 3.6 | 1.3 |
| 4 0405 | 0.03 | 0.000 | 6.1 | 16.6 | 4.8 | 6.5 | 3.4 | 5.7 | 2.0 | 2.0 | 1.0 | 2.2 | 0.7 | 0.5 | 0.7 | 1.4 | 0.8 | 1.0 | 1.0 | 3.9 | 3.3 | 4.3 | 6.9 | 1.0 |
| 4 0705 | 0.01 | 0.000 | 1.0 | 0.7 | 0.5 | 0.4 | 0.5 | 0.5 | 0.5 | 0.8 | 0.6 | 0.5 | 0.8 | 0.5 | 0.5 | 0.5 | 0.7 | 0.8 | 2.1 | 3.3 | 6.2 | 5.3 | 3.2 | 4.3 |
| 4 1005 | 0.01 | 0.000 | 1.6 | 1.5 | 4.2 | 1.9 | 2.6 | 1.8 | 1.2 | 1.2 | 2.4 | 1.5 | 1.1 | 1.2 | 1.3 | 1.3 | 1.6 | 1.0 | 1.0 | 1.0 | 1.3 | 1.4 | 1.2 | 0.9 |
| 4 1305 | 0.04 | 0.000 | 0.6 | 0.3 | 0.6 | 0.6 | 0.5 | 0.7 | 0.7 | 0.6 | 0.6 | 0.7 | 0.5 | 0.6 | 0.5 | 0.5 | 0.4 | 0.5 | 0.7 | 0.5 | 0.4 | 0.6 | 0.7 | 0.5 |
| 4 1605 | 0.03 | 0.000 | 1.6 | 3.4 | 5.8 | 3.3 | 4.1 | 1.3 | 1.4 | 1.5 | 1.7 | 2.0 | 1.1 | 0.9 | 0.9 | 1.0 | 0.8 | 1.0 | 1.2 | 0.8 | 1.2 | 0.9 | 0.8 | 0.9 |
| 4 1905 | 0.03 | 0.000 | 3.8 | 6.1 | 6.3 | 2.1 | 1.5 | 1.1 | 1.1 | 1.6 | 1.2 | 1.5 | 0.8 | 0.9 | 1.1 | 1.0 | 1.1 | 0.9 | 1.0 | 1.2 | 1.7 | 1.5 | 1.7 | 1.9 |
| 4 2205 | 0.04 | 0.000 | 2.0 | 14.0 | 4.2 | 3.8 | 3.0 | 5.6 | 0.9 | 0.7 | 0.7 | 1.6 | 0.5 | 0.5 | 0.6 | 1.1 | 0.7 | 0.5 | 0.4 | 2.1 | 2.6 | 1.4 | 3.5 | 1.1 |
| 5 0105 | 0.04 | 0.000 | 2.8 | 8.9 | 3.0 | 2.2 | 1.0 | 3.8 | 1.0 | 0.8 | 0.3 | 1.1 | 0.5 | 0.5 | 0.5 | 1.4 | 0.8 | 1.2 | 0.9 | 1.5 | 1.6 | 1.1 | 1.9 | 0.7 |
| 5 0405 | 0.14 | 0.002 | 0.1 | 1.6 | 0.3 | 0.3 | 0.1 | 0.7 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.3 | 0.8 | 0.8 | 2.1 | 3.8 | 4.5 |
| 5 0705 | 0.07 | 0.001 | 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.3 | 0.5 | 0.8 | 1.1 | 1.2 | 2.4 | 4.2 |
| 5 1005 | 0.13 | 0.002 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.4 | 1.3 | 2.2 | 7.2 | 15.1 | 12.1 |
| 5 1305 | 0.08 | 0.001 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.8 | 0.2 | 0.4 | 0.5 | 0.4 | 0.6 | 0.9 | 1.7 | 6.1 | 7.7 |
| 5 1605 | 0.04 | 0.000 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.7 | 0.9 | 0.7 | 1.4 | 1.8 | 1.1 | 1.0 | 1.7 | 1.7 | 2.6 | 2.6 | 2.8 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 1905 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 5 2205 | 0.04 | 0.000 | 2.2 | 17.3 | 4.7 | 4.5 | 3.1 | 5.5 | 0.9 | 0.7 | 0.7 | 1.6 | 0.5 | 0.5 | 0.5 | 1.2 | 3.5 | 1.1 | 1.3 | 4.0 | 6.7 | 8.3 | 7.0 | 8.2 |
| 6 0105 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 6 0405 | 0.03 | 0.000 | 5.9 | 19.3 | 6.1 | 7.8 | 3.9 | 6.0 | 1.4 | 2.0 | 1.4 | 2.8 | 1.3 | 1.2 | 0.8 | 1.6 | 0.7 | 1.3 | 1.0 | 2.2 | 3.5 | 1.7 | 4.4 | 0.8 |
| 6 0705 | 0.03 | 0.000 | 0.5 | 1.2 | 1.1 | 0.6 | 0.6 | 0.8 | 0.6 | 0.4 | 0.4 | 0.7 | 0.5 | 0.8 | 1.1 | 2.1 | 3.1 | 2.2 | 1.8 | 2.0 | 2.7 | 2.7 | 4.2 | 5.2 |
| 6 1005 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 6 1305 | 0.01 | 0.000 | 2.2 | 7.0 | 10.1 | 5.3 | 4.7 | 2.4 | 1.5 | 2.0 | 2.2 | 1.5 | 1.2 | 1.4 | 1.7 | 1.4 | 0.9 | 0.9 | 1.2 | 0.5 | 0.8 | 1.0 | 0.8 | 0.6 |
| 6 1605 | 0.01 | 0.000 | 2.4 | 11.7 | 8.2 | 3.6 | 3.2 | 1.7 | 1.5 | 2.3 | 1.4 | 1.2 | 1.4 | 0.9 | 1.0 | 1.9 | 0.6 | 1.2 | 2.6 | 2.3 | 1.6 | 1.8 | 0.8 | 1.0 |
| 6 1905 | 0.00 | 0.000 | 2.7 | 10.4 | 19.1 | 7.1 | 2.6 | 1.2 | 2.1 | 2.6 | 1.8 | 1.7 | 1.2 | 1.1 | 1.2 | 1.6 | 1.2 | 1.0 | 1.2 | 0.6 | 1.1 | 0.8 | 0.7 | 0.6 |
| 6 2205 | 0.02 | 0.000 | 3.3 | 22.6 | 5.0 | 6.3 | 2.8 | 7.4 | 1.7 | 1.3 | 1.5 | 1.6 | 0.6 | 0.4 | 0.9 | 2.0 | 0.7 | 1.1 | 1.0 | 2.9 | 3.8 | 0.9 | 6.1 | 1.0 |
| 7 0105 | 0.03 | 0.000 | 4.2 | 24.5 | 5.6 | 5.9 | 1.7 | 5.2 | 1.5 | 1.2 | 1.1 | 1.4 | 1.1 | 0.9 | 0.7 | 3.1 | 1.2 | 1.0 | 0.5 | 5.1 | 2.7 | 1.6 | 6.6 | 0.8 |
| 7 0405 | 0.03 | 0.000 | 0.6 | 26.2 | 3.3 | 3.9 | 2.2 | 7.1 | 1.2 | 1.6 | 1.0 | 1.9 | 1.0 | 0.9 | 0.9 | 2.5 | 1.0 | 1.1 | 0.7 | 7.5 | 2.3 | 1.7 | 7.7 | 0.7 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 1800 | 0.03 | 0.000 | 1.5 | 7.5 | 8.9 | 2.3 | 5.2 | 2.3 | 2.7 | 2.1 | 1.8 | 2.3 | 1.8 | 1.6 | 3.0 | 1.2 | 0.6 | 1.1 | 0.6 | 1.8 | 1.3 | 0.7 | 1.0 | 1.5 |
| 7 2100 | 0.02 | 0.000 | 5.3 | 19.8 | 4.0 | 4.6 | 2.0 | 11.2 | 1.7 | 1.5 | 1.1 | 1.6 | 1.1 | 0.6 | 0.9 | 1.3 | 0.6 | 0.7 | 0.9 | 4.3 | 3.1 | 1.1 | 7.1 | 0.9 |
| 8 0000 | 0.02 | 0.000 | 5.8 | 22.2 | 4.6 | 7.7 | 3.1 | 5.5 | 1.7 | 2.0 | 1.0 | 2.3 | 0.9 | 0.6 | 0.7 | 1.7 | 1.0 | 0.4 | 0.9 | 2.8 | 3.3 | 1.3 | 4.0 | 1.0 |
| 8 0300 | 0.03 | 0.000 | 4.2 | 21.2 | 6.7 | 5.9 | 3.1 | 5.7 | 2.4 | 1.2 | 1.3 | 1.6 | 0.8 | 1.7 | 0.8 | 1.2 | 0.7 | 1.3 | 1.0 | 3.7 | 3.4 | 1.6 | 4.1 | 0.8 |
| 8 0600 | 0.02 | 0.000 | 0.8 | 22.3 | 2.4 | 9.8 | 1.6 | 7.1 | 1.5 | 2.6 | 1.1 | 1.6 | 0.7 | 1.1 | 0.9 | 1.3 | 1.3 | 1.6 | 1.9 | 1.9 | 2.2 | 1.7 | 4.2 | 1.8 |
| 8 0900 | 0.05 | 0.000 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.3 | 0.4 | 0.3 | 0.6 | 0.4 |
| 8 1200 | 0.12 | 0.001 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.8 | 1.5 | 4.2 | 8.3 |
| 8 1500 | 0.20 | 0.003 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.6 | 1.7 | 2.7 | 4.9 | 7.0 | 12.0 | 10.5 |
| 8 1800 | 0.12 | 0.001 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.4 | 1.0 | 3.9 | 10.3 | 12.9 | 10.6 |
| 8 2100 | 0.08 | 0.001 | 0.2 | 2.7 | 0.7 | 0.6 | 0.4 | 0.6 | 0.2 | 0.3 | 0.2 | 0.4 | 0.2 | 0.2 | 0.3 | 0.7 | 0.6 | 0.6 | 0.4 | 1.0 | 1.3 | 3.4 | 7.5 | 8.0 |
| 9 0000 | 0.02 | 0.000 | 2.4 | 20.5 | 2.9 | 7.1 | 1.4 | 6.2 | 1.1 | 2.2 | 1.0 | 1.9 | 0.8 | 1.1 | 0.7 | 1.5 | 1.0 | 1.4 | 1.4 | 3.2 | 4.6 | 1.0 | 4.6 | 0.7 |
| 9 0300 | 0.02 | 0.000 | 3.5 | 17.0 | 3.1 | 6.9 | 2.4 | 4.8 | 1.3 | 0.9 | 1.0 | 1.4 | 1.2 | 0.8 | 0.5 | 1.7 | 1.2 | 1.6 | 3.7 | 2.0 | 5.3 | 3.5 | 5.2 | 2.2 |
| 9 0600 | 0.03 | 0.000 | 1.6 | 21.8 | 2.9 | 4.9 | 1.8 | 4.0 | 1.5 | 1.4 | 1.1 | 2.6 | 1.3 | 1.0 | 1.0 | 1.5 | 1.9 | 1.8 | 1.3 | 3.1 | 2.6 | 0.9 | 4.2 | 0.9 |
| 9 0900 | 0.01 | 0.000 | 2.7 | 2.2 | 4.2 | 2.2 | 2.6 | 2.4 | 2.0 | 1.1 | 1.3 | 1.1 | 1.2 | 2.2 | 1.6 | 1.5 | 1.0 | 1.2 | 1.1 | 1.5 | 1.0 | 0.9 | 0.9 | 1.6 |
| 9 1200 | 0.01 | 0.000 | 0.9 | 1.5 | 2.3 | 2.2 | 1.6 | 0.9 | 1.3 | 1.1 | 1.0 | 1.0 | 1.0 | 0.7 | 1.0 | 1.1 | 1.7 | 2.2 | 3.7 | 2.9 | 3.0 | 3.0 | 1.7 | 1.8 |
| 9 1500 | 0.01 | 0.000 | 2.9 | 3.2 | 3.6 | 3.1 | 2.1 | 1.3 | 1.3 | 1.4 | 1.4 | 0.9 | 1.6 | 0.9 | 0.5 | 0.9 | 0.8 | 0.6 | 2.2 | 3.1 | 1.4 | 2.6 | 1.4 | 1.2 |
| 9 1800 | 0.06 | 0.000 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.2 | 0.2 | 0.4 | 0.2 | 0.4 | 0.5 | 0.4 | 0.6 | 0.3 | 0.4 | 0.4 | 0.3 |
| 9 2100 | 0.04 | 0.000 | 0.5 | 9.0 | 1.5 | 2.0 | 1.1 | 3.7 | 0.4 | 0.9 | 0.4 | 2.0 | 0.8 | 0.6 | 0.3 | 0.5 | 0.7 | 0.7 | 0.9 | 2.3 | 3.6 | 1.7 | 3.8 | 1.2 |
| 10 0000 | 0.03 | 0.000 | 1.0 | 8.9 | 3.3 | 2.8 | 1.0 | 3.3 | 0.6 | 0.9 | 0.5 | 1.1 | 0.5 | 0.7 | 0.7 | 0.7 | 1.2 | 1.3 | 1.9 | 2.0 | 2.1 | 1.4 | 1.9 | 0.8 |
| 10 0300 | 0.06 | 0.000 | 0.9 | 3.8 | 1.4 | 0.9 | 0.5 | 1.1 | 0.4 | 0.3 | 0.4 | 0.6 | 0.3 | 0.4 | 0.5 | 0.4 | 0.5 | 0.7 | 0.4 | 0.7 | 0.8 | 0.5 | 1.0 | 0.7 |
| 10 0600 | 0.06 | 0.000 | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 1.1 | 0.8 | 0.8 | 1.0 | 0.8 | 0.6 | 1.3 | 1.0 |
| 10 0900 | 0.04 | 0.000 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.5 | 0.4 | 0.3 | 0.3 | 0.5 | 0.6 | 0.8 | 0.8 | 1.0 | 2.8 | 1.5 | 1.7 | 1.4 | 1.4 | 1.1 | 1.1 |
| 10 1200 | 0.06 | 0.000 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.1 | 0.3 | 0.2 | 0.4 | 1.1 | 0.5 | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 |
| 10 1500 | 0.04 | 0.000 | 0.3 | 0.8 | 0.8 | 0.9 | 0.5 | 0.8 | 0.5 | 0.4 | 0.5 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 0.7 | 1.4 | 1.0 | 1.5 | 1.2 | 1.0 | 0.8 | 0.8 |
| 10 1800 | 0.03 | 0.000 | 0.7 | 1.1 | 1.6 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 1.1 | 0.8 | 1.1 | 0.6 | 0.8 | 2.4 | 3.2 | 3.8 | 5.1 | 2.2 | 2.2 | 2.1 | 1.9 | 2.6 |
| 10 2100 | 0.03 | 0.000 | 3.0 | 18.0 | 3.7 | 5.5 | 2.2 | 10.2 | 1.6 | 0.9 | 0.5 | 2.4 | 0.5 | 0.9 | 0.7 | 1.8 | 2.4 | 2.6 | 2.5 | 2.8 | 3.6 | 2.3 | 4.1 | 0.8 |
| 11 0000 | 0.02 | 0.000 | 3.4 | 23.2 | 6.0 | 3.7 | 1.9 | 6.8 | 1.9 | 1.5 | 0.4 | 1.7 | 0.8 | 0.6 | 0.6 | 1.3 | 0.8 | 1.2 | 0.9 | 4.3 | 4.1 | 3.1 | 6.3 | 2.1 |
| 11 0300 | 0.03 | 0.000 | 2.1 | 21.4 | 3.1 | 4.4 | 2.6 | 5.2 | 1.4 | 2.5 | 1.3 | 4.0 | 1.2 | 1.3 | 1.1 | 2.0 | 0.8 | 1.6 | 1.6 | 5.3 | 4.1 | 1.5 | 4.6 | 1.5 |
| 11 0600 | 0.02 | 0.000 | 0.4 | 0.6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.7 | 0.8 | 1.5 | 7.1 | 11.5 | 8.7 | 6.9 | 4.6 | 4.3 | 2.0 | 4.7 | 2.6 |
| 11 0900 | 0.03 | 0.000 | 0.2 | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 | 0.3 | 0.4 | 0.5 | 0.4 | 1.0 | 6.8 | 8.2 | 8.4 | 8.9 | 4.0 | 6.4 | 1.9 | 3.6 | 4.3 | 1.2 | 2.0 |
| 11 1200 | 0.02 | 0.000 | 0.5 | 1.0 | 1.3 | 1.2 | 0.9 | 0.9 | 0.7 | 0.5 | 0.8 | 1.0 | 1.2 | 3.6 | 7.4 | 7.0 | 8.5 | 8.5 | 4.3 | 4.3 | 2.1 | 1.9 | 1.8 | 1.1 |
| 11 1500 | 0.01 | 0.000 | 1.7 | 2.3 | 3.2 | 2.4 | 1.5 | 1.2 | 1.2 | 1.1 | 1.5 | 1.1 | 1.3 | 1.1 | 3.4 | 4.6 | 2.4 | 2.7 | 3.9 | 4.4 | 2.2 | 1.2 | 1.4 | 1.0 |
| 11 1800 | 0.01 | 0.000 | 0.9 | 3.0 | 2.7 | 2.1 | 2.6 | 1.2 | 0.8 | 1.3 | 0.9 | 1.5 | 1.3 | 0.5 | 2.9 | 9.8 | 7.5 | 5.6 | 6.4 | 3.5 | 3.6 | 3.5 | 1.6 | 1.2 |
| 11 2100 | 0.03 | 0.000 | 2.9 | 16.2 | 3.1 | 3.3 | 2.1 | 7.6 | 1.6 | 0.8 | 0.8 | 1.9 | 0.5 | 1.4 | 1.4 | 3.7 | 7.1 | 7.4 | 3.8 | 3.3 | 4.1 | 1.5 | 3.9 | 0.8 |
| 12 0000 | 0.03 | 0.000 | 1.4 | 17.1 | 2.1 | 4.4 | 1.6 | 5.5 | 0.9 | 1.0 | 0.6 | 2.2 | 0.4 | 0.9 | 1.9 | 5.6 | 3.5 | 3.8 | 3.5 | 5.1 | 5.9 | 1.7 | 5.3 | 0.9 |
| 12 0300 | 0.02 | 0.000 | 4.2 | 20.2 | 4.3 | 5.6 | 1.4 | 5.1 | 0.9 | 2.0 | 0.6 | 2.3 | 0.8 | 0.9 | 1.0 | 2.6 | 2.9 | 2.6 | 1.4 | 6.1 | 2.4 | 2.6 | 4.7 | 0.7 |
| 12 0600 | 0.01 | 0.000 | 1.5 | 1.5 | 1.4 | 1.6 | 1.4 | 1.5 | 1.4 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.6 | 2.2 | 2.2 | 3.8 | 3.9 | 3.3 | 2.5 | 3.6 | 2.6 | 2.0 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 0900 | 0.02 | 0.000 | 0.8 | 0.6 | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 | 0.6 | 0.5 | 0.7 | 1.5 | 2.5 | 7.5 | 7.7 | 4.1 | 3.3 | 1.9 | 2.4 | 2.4 | 2.8 |
| 12 1200 | 0.01 | 0.000 | 1.5 | 4.4 | 4.2 | 4.1 | 1.3 | 1.3 | 1.6 | 1.1 | 1.4 | 1.2 | 1.1 | 0.8 | 1.4 | 1.3 | 3.5 | 4.4 | 3.7 | 3.7 | 2.7 | 4.2 | 3.1 | 2.6 |
| 12 1500 | 0.01 | 0.000 | 2.5 | 2.7 | 4.1 | 2.9 | 2.8 | 2.3 | 1.3 | 0.8 | 1.3 | 1.7 | 1.1 | 1.9 | 1.3 | 2.1 | 1.4 | 1.6 | 2.0 | 1.7 | 2.6 | 2.4 | 1.8 | 1.3 |
| 12 1800 | 0.01 | 0.000 | 3.9 | 3.0 | 2.8 | 2.2 | 4.6 | 1.9 | 1.7 | 1.2 | 1.5 | 1.6 | 2.0 | 1.7 | 1.4 | 1.2 | 1.8 | 1.3 | 0.9 | 0.9 | 1.0 | 1.7 | 1.1 | 1.0 |
| 12 2100 | 0.02 | 0.000 | 2.2 | 22.2 | 4.1 | 3.2 | 2.0 | 12.0 | 1.8 | 1.3 | 1.1 | 5.2 | 0.9 | 0.7 | 0.9 | 2.7 | 0.7 | 0.9 | 0.8 | 1.0 | 4.2 | 2.0 | 3.8 | 1.2 |
| 13 0000 | 0.02 | 0.000 | 2.1 | 19.2 | 3.3 | 4.3 | 2.3 | 12.9 | 1.3 | 2.8 | 0.6 | 3.6 | 1.1 | 0.6 | 1.0 | 0.9 | 0.7 | 1.1 | 0.8 | 3.2 | 3.8 | 1.2 | 6.1 | 1.1 |
| 13 0300 | 0.02 | 0.000 | 1.1 | 23.0 | 3.6 | 3.7 | 2.4 | 12.5 | 2.1 | 2.2 | 1.4 | 2.8 | 1.4 | 0.6 | 1.0 | 1.2 | 0.7 | 1.2 | 0.5 | 3.0 | 3.9 | 1.1 | 4.7 | 0.7 |
| 13 0600 | 0.01 | 0.000 | 2.3 | 1.7 | 3.7 | 2.1 | 1.1 | 1.6 | 1.8 | 1.7 | 2.0 | 1.2 | 1.2 | 1.2 | 1.6 | 1.1 | 1.1 | 1.2 | 0.5 | 0.7 | 1.0 | 0.9 | 1.3 | 0.9 |
| 13 0900 | 0.00 | 0.000 | 2.9 | 7.8 | 6.9 | 2.2 | 1.8 | 1.5 | 0.9 | 2.4 | 1.5 | 1.4 | 0.8 | 1.4 | 0.7 | 1.1 | 0.8 | 1.2 | 1.3 | 1.0 | 0.7 | 1.5 | 1.2 | 0.9 |
| 13 1200 | 0.02 | 0.000 | 0.8 | 1.7 | 1.0 | 1.4 | 1.2 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 1.0 | 1.2 | 0.7 | 0.7 | 1.1 | 1.3 | 0.8 | 0.6 | 0.8 | 0.6 |
| 13 1500 | 0.08 | 0.001 | 0.0 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.7 | 0.9 | 2.3 | 2.6 | 4.8 | 10.1 | 8.6 | 5.9 |
| 13 1800 | 0.16 | 0.002 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 1.6 | 4.2 | 9.3 | 7.6 |
| 13 2100 | 0.11 | 0.001 | 0.3 | 1.2 | 0.3 | 0.4 | 0.2 | 0.5 | 0.1 | 0.1 | 0.1 | 0.3 | 0.1 | 0.3 | 1.5 | 2.2 | 6.6 | 5.0 | 5.2 | 10.4 | 14.8 | 6.2 | 11.3 | 4.2 |
| 14 0000 | 0.03 | 0.000 | 3.6 | 15.2 | 2.6 | 4.8 | 1.4 | 7.4 | 0.6 | 1.8 | 0.8 | 2.6 | 2.1 | 2.7 | 0.8 | 1.0 | 0.7 | 1.1 | 1.6 | 2.7 | 2.4 | 2.2 | 3.1 | 1.1 |
| 14 0300 | 0.02 | 0.000 | 3.5 | 25.7 | 4.1 | 4.6 | 2.1 | 9.1 | 1.5 | 1.8 | 1.0 | 1.4 | 0.8 | 0.7 | 0.8 | 1.6 | 0.5 | 0.9 | 0.9 | 5.1 | 2.6 | 1.5 | 4.2 | 0.8 |
| 14 0600 | 0.01 | 0.000 | 1.3 | 1.1 | 0.5 | 0.7 | 0.7 | 0.6 | 0.4 | 0.7 | 0.9 | 1.2 | 1.5 | 1.4 | 1.0 | 0.6 | 0.6 | 1.3 | 1.6 | 1.7 | 1.1 | 1.8 | 1.4 | 1.1 |
| 14 0900 | 0.00 | 0.000 | 2.2 | 5.4 | 6.9 | 2.8 | 1.2 | 1.4 | 1.0 | 1.1 | 0.9 | 1.1 | 1.4 | 1.3 | 0.9 | 1.2 | 0.6 | 0.8 | 1.3 | 0.9 | 0.7 | 1.0 | 1.2 | 1.8 |
| 14 1200 | 0.03 | 0.000 | 0.9 | 0.9 | 1.1 | 0.9 | 1.0 | 1.0 | 1.1 | 0.5 | 0.6 | 0.7 | 0.9 | 0.9 | 2.3 | 0.7 | 1.1 | 1.1 | 0.9 | 1.1 | 1.0 | 0.7 | 1.5 | 1.1 |
| 14 1500 | 0.04 | 0.000 | 0.1 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 | 0.6 | 0.6 | 1.9 | 3.4 | 4.4 |
| 14 1800 | 0.03 | 0.000 | 0.9 | 0.7 | 1.0 | 0.7 | 0.5 | 0.4 | 0.4 | 0.5 | 0.8 | 2.0 | 1.7 | 1.7 | 1.4 | 1.3 | 0.6 | 0.8 | 0.8 | 0.7 | 0.7 | 1.1 | 0.4 | 0.8 |
| 14 2100 | 0.03 | 0.000 | 0.3 | 23.1 | 2.3 | 2.7 | 1.1 | 13.3 | 1.4 | 1.2 | 1.5 | 3.3 | 1.0 | 1.2 | 0.6 | 2.5 | 0.5 | 0.6 | 0.4 | 1.1 | 4.5 | 1.1 | 5.0 | 1.1 |
| 15 0000 | 0.03 | 0.000 | 1.6 | 23.2 | 3.3 | 5.0 | 2.2 | 12.0 | 1.1 | 1.8 | 0.7 | 3.2 | 0.6 | 0.7 | 0.7 | 1.2 | 0.8 | 0.9 | 0.5 | 2.3 | 3.7 | 1.5 | 5.9 | 1.3 |
| 15 0300 | 0.03 | 0.000 | 3.8 | 19.7 | 3.7 | 6.5 | 3.0 | 14.7 | 1.7 | 2.2 | 0.9 | 2.5 | 0.8 | 0.7 | 0.7 | 1.2 | 0.5 | 0.8 | 0.6 | 3.7 | 3.5 | 0.8 | 5.3 | 0.8 |
| 15 0600 | 0.01 | 0.000 | 1.8 | 0.9 | 1.1 | 1.6 | 1.7 | 1.2 | 1.7 | 1.2 | 0.8 | 1.1 | 1.6 | 0.8 | 1.3 | 1.0 | 1.3 | 1.3 | 1.3 | 0.8 | 1.1 | 0.9 | 1.1 | 2.2 |
| 15 0900 | 0.05 | 0.000 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.4 | 0.4 |
| 15 1200 | 0.03 | 0.000 | 1.4 | 2.2 | 3.6 | 1.6 | 1.6 | 1.3 | 1.0 | 0.4 | 1.0 | 1.2 | 1.0 | 0.9 | 0.6 | 1.0 | 0.5 | 1.0 | 1.4 | 2.3 | 6.4 | 6.4 | 14.6 | 12.9 |
| 15 1500 | 0.05 | 0.000 | 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.2 | 0.3 | 0.3 | 0.3 | 0.8 | 2.9 | 0.9 | 0.6 | 0.8 | 1.4 |
| 15 1800 | 0.06 | 0.000 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.5 | 0.8 | 0.7 | 1.0 | 1.4 | 3.0 |
| 15 2100 | 0.07 | 0.001 | 0.6 | 3.4 | 0.9 | 0.8 | 0.3 | 1.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.6 | 0.4 | 0.3 | 0.8 | 0.4 |
| 16 0000 | 0.14 | 0.002 | 0.1 | 1.0 | 0.3 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.4 | 1.0 | 2.5 | 5.0 | 8.0 | 13.8 | 6.9 |
| 16 0300 | 0.08 | 0.001 | 0.1 | 2.3 | 0.4 | 0.5 | 0.2 | 1.1 | 0.2 | 0.1 | 0.0 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 1.0 | 1.3 | 2.6 | 4.1 | 2.8 | 4.5 | 3.9 |
| 16 0600 | 0.03 | 0.000 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.6 | 0.6 | 0.8 | 1.1 | 0.6 | 1.4 | 2.2 | 2.3 |
| 16 0900 | 0.04 | 0.000 | 0.3 | 0.5 | 0.3 | 0.3 | 0.4 | 0.2 | 0.3 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.8 | 1.3 |
| 16 1200 | 0.10 | 0.001 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.6 | 1.5 | 5.9 | 4.6 |
| 16 1500 | 0.06 | 0.000 | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.3 | 0.5 | 0.4 | 0.6 | 0.5 |
| 16 1800 | 0.04 | 0.000 | 0.5 | 0.3 | 0.4 | 0.5 | 0.5 | 0.2 | 0.5 | 0.6 | 0.3 | 0.5 | 0.3 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.5 | 0.7 | 0.8 | 0.5 | 1.2 |
| 16 2100 | 0.04 | 0.000 | 2.6 | 9.8 | 2.4 | 1.4 | 0.8 | 4.4 | 0.7 | 0.9 | 0.4 | 1.3 | 0.5 | 0.5 | 0.4 | 1.2 | 0.5 | 0.7 | 0.7 | 2.3 | 1.6 | 1.0 | 3.0 | 0.8 |
| 17 0000 | 0.04 | 0.000 | 1.4 | 7.0 | 1.3 | 1.9 | 0.8 | 2.2 | 0.5 | 0.6 | 0.4 | 1.2 | 0.4 | 0.3 | 0.3 | 0.6 | 0.3 | 1.1 | 0.8 | 2.0 | 1.4 | 0.8 | 2.9 | 0.5 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 0300 | 0.03 | 0.000 | 2.1 | 22.8 | 4.3 | 5.7 | 2.8 | 6.6 | 1.9 | 1.6 | 0.9 | 1.5 | 1.2 | 0.8 | 1.8 | 3.1 | 2.3 | 2.5 | 1.5 | 4.5 | 2.7 | 1.0 | 4.4 | 1.3 |
| 17 0600 | 0.01 | 0.000 | 1.0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.6 | 0.8 | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.7 | 1.2 | 1.9 | 1.9 | 3.4 | 1.8 | 2.8 | 2.4 | 2.1 | 2.3 |
| 17 0900 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 17 1200 | 0.03 | 0.000 | 0.6 | 0.6 | 1.2 | 0.9 | 0.4 | 0.9 | 0.6 | 0.3 | 0.6 | 0.9 | 1.8 | 5.2 | 3.2 | 2.1 | 1.6 | 2.0 | 1.8 | 0.8 | 1.9 | 1.2 | 1.3 | 1.4 |
| 17 1500 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 17 1800 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 17 2100 | 0.03 | 0.000 | 0.4 | 23.8 | 2.1 | 5.2 | 1.5 | 13.0 | 1.2 | 2.6 | 0.9 | 2.6 | 0.6 | 1.2 | 0.8 | 1.7 | 0.6 | 1.6 | 0.8 | 4.7 | 4.1 | 0.6 | 5.9 | 0.8 |
| 18 0000 | 0.03 | 0.000 | 1.3 | 20.4 | 5.9 | 6.6 | 3.2 | 7.1 | 2.0 | 1.7 | 1.6 | 1.5 | 0.9 | 0.6 | 0.7 | 1.2 | 0.7 | 1.0 | 0.8 | 4.8 | 2.5 | 3.2 | 5.0 | 2.5 |
| 18 0300 | 0.03 | 0.000 | 0.8 | 15.1 | 3.9 | 4.0 | 1.6 | 5.1 | 1.1 | 1.2 | 0.5 | 2.1 | 0.7 | 0.5 | 1.0 | 1.0 | 0.7 | 2.0 | 2.4 | 4.8 | 5.1 | 3.3 | 6.3 | 3.4 |
| 18 0600 | 0.02 | 0.000 | 2.8 | 4.7 | 7.9 | 6.7 | 5.4 | 4.2 | 3.7 | 2.1 | 2.4 | 2.3 | 1.3 | 1.4 | 1.5 | 2.0 | 2.1 | 3.6 | 1.4 | 1.8 | 2.9 | 1.9 | 1.3 | 1.3 |
| 18 0900 | 0.03 | 0.000 | 1.1 | 1.0 | 1.6 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 1.4 | 1.4 | 1.7 | 1.3 | 1.7 | 2.5 | 2.7 | 2.6 | 1.4 | 1.8 | 1.5 | 1.1 | 0.9 |
| 18 1200 | 0.08 | 0.001 | 0.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| 18 1500 | 0.11 | 0.001 | 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 | 0.5 | 0.4 | 0.6 | 0.5 | 0.6 | 0.3 |
| 18 1800 | 0.12 | 0.002 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 |
| 18 2100 | 0.09 | 0.001 | 0.1 | 3.0 | 0.4 | 0.6 | 0.2 | 1.5 | 0.2 | 0.3 | 0.2 | 0.5 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.4 | 0.9 | 1.2 | 0.5 | 0.8 | 0.3 |
| 19 0000 | 0.08 | 0.001 | 0.4 | 3.1 | 0.6 | 1.0 | 0.4 | 1.3 | 0.3 | 0.5 | 0.2 | 0.4 | 0.3 | 0.2 | 0.2 | 0.4 | 0.3 | 0.5 | 0.9 | 1.3 | 1.8 | 0.7 | 1.1 | 0.2 |
| 19 0300 | 0.05 | 0.000 | 0.9 | 9.2 | 1.4 | 2.0 | 1.0 | 3.4 | 0.3 | 0.5 | 0.7 | 1.6 | 0.3 | 0.3 | 0.7 | 1.5 | 2.8 | 3.4 | 3.6 | 2.3 | 2.4 | 3.1 | 3.5 | 1.2 |
| 19 0600 | 0.03 | 0.000 | 0.5 | 0.6 | 0.5 | 0.7 | 0.4 | 0.3 | 0.3 | 0.5 | 0.6 | 0.8 | 0.6 | 0.7 | 2.0 | 3.6 | 6.1 | 6.9 | 6.4 | 4.2 | 3.7 | 3.0 | 3.9 | 1.7 |
| 19 0900 | 0.02 | 0.000 | 1.0 | 1.0 | 1.7 | 0.7 | 1.4 | 1.6 | 1.7 | 1.2 | 1.7 | 0.8 | 1.4 | 2.2 | 3.9 | 4.9 | 5.3 | 5.2 | 6.2 | 4.7 | 2.1 | 1.8 | 2.0 | 1.5 |
| 19 1200 | 0.01 | 0.000 | 1.6 | 5.1 | 6.9 | 3.6 | 2.9 | 2.8 | 2.2 | 2.3 | 1.8 | 1.8 | 1.5 | 1.3 | 1.3 | 2.7 | 2.1 | 3.1 | 4.2 | 2.9 | 2.1 | 1.8 | 2.6 | 1.7 |
| 19 1500 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 19 1800 | 0.01 | 0.000 | 2.4 | 16.8 | 10.5 | 2.7 | 1.5 | 1.3 | 1.6 | 2.4 | 0.8 | 1.1 | 1.8 | 1.8 | 1.1 | 1.4 | 1.0 | 1.0 | 1.2 | 1.3 | 1.2 | 1.1 | 0.9 | 1.3 |
| 19 2100 | 0.03 | 0.000 | 1.9 | 20.5 | 3.1 | 3.5 | 2.4 | 16.7 | 1.0 | 2.4 | 1.0 | 3.5 | 0.8 | 0.5 | 0.6 | 1.6 | 0.8 | 1.2 | 0.7 | 3.7 | 2.9 | 0.8 | 5.1 | 0.9 |
| 20 0000 | 0.03 | 0.000 | 2.7 | 15.5 | 7.2 | 6.9 | 2.9 | 6.9 | 1.1 | 2.5 | 1.4 | 1.9 | 0.6 | 1.1 | 0.5 | 1.1 | 0.6 | 0.7 | 0.6 | 3.7 | 2.1 | 2.5 | 3.7 | 0.9 |
| 20 0300 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 20 0600 | 0.03 | 0.000 | 0.7 | 0.4 | 0.8 | 0.7 | 0.9 | 0.8 | 0.8 | 0.4 | 1.0 | 0.9 | 1.1 | 2.5 | 2.5 | 3.6 | 4.2 | 3.5 | 4.3 | 3.7 | 5.2 | 5.0 | 3.1 | 1.4 |
| 20 0900 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 20 1200 | 0.03 | 0.000 | 0.7 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.5 | 0.7 | 1.3 | 1.2 | 2.6 | 4.0 | 1.3 | 1.6 | 1.2 | 2.1 | 1.8 |
| 20 1500 | 0.05 | 0.000 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.8 | 3.6 | 5.4 | 4.1 | 3.2 | 4.5 | 7.4 | 13.1 | 22.1 | 10.3 | 6.7 | 4.2 | 1.3 |
| 20 1800 | 0.09 | 0.001 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 1.0 | 2.0 | 2.5 | 2.7 | 2.4 | 3.7 | 3.2 | 6.9 | 8.3 | 6.6 |
| 20 2100 | 0.10 | 0.001 | 0.2 | 2.2 | 0.3 | 0.3 | 0.2 | 0.8 | 0.1 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 0.4 | 1.0 | 2.2 | 3.5 | 12.1 | 12.2 |
| 21 0000 | 0.15 | 0.002 | 0.2 | 0.7 | 0.3 | 0.3 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 0.5 | 1.3 | 1.6 | 5.1 | 4.6 | 18.1 | 10.1 |
| 21 0300 | 0.12 | 0.001 | 0.2 | 0.9 | 0.3 | 0.5 | 0.1 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 0.9 | 1.9 | 5.1 | 10.1 | 13.7 | 14.9 |
| 21 0600 | 0.07 | 0.000 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.5 | 0.9 | 1.5 | 0.9 | 0.7 | 1.0 | 1.0 | 0.7 | 1.3 | 3.7 |
| 21 0900 | 0.22 | 0.004 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 1.1 | 0.9 | 3.1 | 4.0 | 9.5 | 9.0 | 9.6 | 9.6 | 6.4 | 7.3 | 3.2 |
| 21 1200 | 0.17 | 0.003 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.4 | 0.8 | 0.6 | 2.1 | 4.6 | 10.0 | 16.9 | 11.2 | 7.0 |
| 21 1500 | 0.15 | 0.002 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.7 | 2.3 | 4.2 | 14.1 | 9.8 | 9.9 | 5.3 |
| 21 1800 | 0.13 | 0.002 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 1.2 | 3.5 | 6.5 | 9.8 | 14.3 | 13.1 | 9.5 | 5.8 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 2100 | 0.16 | 0.002 | 0.0 | 0.7 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.6 | 1.6 | 4.3 | 5.5 | 13.0 | 7.5 | 11.5 | 6.9 | 8.7 | 5.3 |
| 22 0000 | 0.14 | 0.002 | 0.2 | 1.1 | 0.3 | 0.4 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.5 | 0.5 | 1.8 | 2.2 | 2.4 | 4.5 | 5.2 | 4.6 | 8.5 |
| 22 0300 | 0.05 | 0.000 | 1.6 | 5.3 | 2.8 | 2.3 | 0.8 | 2.1 | 0.4 | 0.5 | 0.5 | 1.0 | 0.8 | 1.1 | 1.5 | 1.6 | 2.4 | 3.3 | 2.6 | 3.2 | 3.5 | 4.3 | 4.4 | 3.9 |
| 22 0600 | 0.01 | 0.000 | 1.0 | 1.0 | 1.1 | 1.2 | 1.1 | 1.0 | 0.7 | 1.1 | 0.5 | 1.3 | 0.9 | 1.5 | 1.7 | 1.9 | 2.4 | 1.6 | 2.7 | 3.4 | 4.1 | 3.3 | 4.6 | 3.5 |
| 22 0900 | 0.00 | 0.000 | 2.3 | 3.5 | 2.8 | 2.2 | 2.1 | 2.2 | 1.9 | 1.9 | 1.1 | 1.3 | 1.8 | 1.9 | 1.5 | 1.2 | 1.3 | 1.7 | 1.7 | 1.2 | 2.1 | 2.0 | 1.1 | 2.2 |
| 22 1200 | 0.01 | 0.000 | 2.3 | 9.3 | 6.9 | 4.2 | 1.8 | 2.3 | 2.0 | 1.5 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 1.0 | 2.0 | 1.4 | 1.1 | 1.0 | 0.9 | 1.7 | 2.2 | 2.9 |
| 22 1500 | 0.03 | 0.000 | 1.0 | 1.7 | 2.2 | 2.0 | 1.8 | 1.4 | 1.7 | 1.6 | 1.3 | 1.5 | 1.4 | 1.0 | 1.1 | 1.2 | 1.5 | 2.3 | 3.3 | 3.2 | 1.4 | 1.4 | 1.5 | 1.1 |
| 22 1800 | 0.03 | 0.000 | 3.4 | 5.6 | 5.0 | 3.8 | 3.2 | 1.6 | 1.7 | 1.2 | 0.9 | 0.8 | 1.1 | 1.2 | 0.9 | 1.4 | 1.2 | 1.5 | 3.2 | 3.0 | 1.4 | 1.4 | 3.0 | 1.7 |
| 22 2100 | 0.04 | 0.000 | 0.2 | 8.0 | 0.9 | 1.6 | 0.5 | 3.5 | 0.5 | 0.6 | 0.6 | 1.0 | 0.5 | 0.4 | 0.6 | 0.6 | 0.4 | 0.4 | 0.6 | 1.3 | 0.7 | 0.5 | 1.5 | 0.4 |
| 23 0000 | 0.06 | 0.000 | 0.8 | 4.0 | 1.4 | 0.8 | 0.5 | 1.5 | 0.3 | 0.3 | 0.3 | 0.5 | 0.2 | 0.3 | 0.3 | 0.5 | 0.2 | 0.2 | 0.2 | 0.5 | 1.0 | 0.5 | 1.8 | 0.8 |
| 23 0300 | 0.04 | 0.000 | 2.0 | 11.1 | 3.5 | 2.7 | 1.3 | 4.7 | 1.0 | 0.9 | 0.6 | 1.8 | 0.6 | 0.6 | 0.5 | 1.0 | 0.9 | 1.3 | 1.1 | 2.7 | 1.5 | 3.0 | 1.8 | 1.3 |
| 23 0600 | 0.04 | 0.000 | 0.2 | 0.3 | 0.6 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.4 | 0.4 | 0.2 | 0.4 | 0.4 | 0.4 | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.6 |
| 23 0900 | 0.04 | 0.000 | 0.2 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 | 0.4 | 0.3 | 0.6 | 0.6 | 1.2 | 1.2 | 0.8 | 1.2 | 0.6 | 0.3 |
| 23 1200 | 0.03 | 0.000 | 1.9 | 8.1 | 7.9 | 3.9 | 2.5 | 1.7 | 1.6 | 2.0 | 1.2 | 1.3 | 1.4 | 0.8 | 0.9 | 1.3 | 1.9 | 2.8 | 1.4 | 1.7 | 2.5 | 1.6 | 2.1 | 1.7 |
| 23 1500 | 0.01 | 0.000 | 3.7 | 3.2 | 1.6 | 1.9 | 1.1 | 2.0 | 0.9 | 1.3 | 0.9 | 1.4 | 0.6 | 1.0 | 1.0 | 0.9 | 1.2 | 0.8 | 1.3 | 1.6 | 1.2 | 2.4 | 2.9 | 2.7 |
| 23 1800 | 0.01 | 0.000 | 2.2 | 4.2 | 3.4 | 2.1 | 2.2 | 2.1 | 1.7 | 1.2 | 1.2 | 1.8 | 0.9 | 1.0 | 1.1 | 0.7 | 1.1 | 1.3 | 0.7 | 1.2 | 1.2 | 0.7 | 2.0 | 2.1 |
| 23 2100 | 0.05 | 0.000 | 0.2 | 9.6 | 1.2 | 1.7 | 1.0 | 5.2 | 0.8 | 0.7 | 0.5 | 1.2 | 0.4 | 0.5 | 0.5 | 0.7 | 0.4 | 0.6 | 0.3 | 1.2 | 2.0 | 0.6 | 2.5 | 0.5 |
| 24 0000 | 0.03 | 0.000 | 2.5 | 16.4 | 5.5 | 8.0 | 1.7 | 7.7 | 2.0 | 1.9 | 0.6 | 1.8 | 0.7 | 1.0 | 0.4 | 1.4 | 0.4 | 0.6 | 0.6 | 2.0 | 2.6 | 1.8 | 4.3 | 0.8 |
| 24 0300 | 0.12 | 0.001 | 0.1 | 1.6 | 0.4 | 0.4 | 0.2 | 0.5 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 1.1 | 1.8 | 4.4 | 5.0 | 11.1 |
| 24 0600 | 0.04 | 0.000 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.7 | 0.5 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.6 |
| 24 0900 | 0.01 | 0.000 | 1.4 | 0.8 | 0.6 | 0.6 | 0.4 | 0.6 | 0.5 | 0.7 | 0.6 | 0.7 | 0.8 | 1.3 | 1.4 | 1.2 | 0.6 | 1.0 | 1.9 | 1.9 | 1.8 | 1.8 | 2.0 | 5.0 |
| 24 1200 | 0.01 | 0.000 | 2.9 | 11.9 | 11.0 | 2.1 | 1.6 | 1.3 | 1.6 | 2.6 | 1.4 | 1.4 | 1.3 | 1.7 | 1.1 | 1.2 | 1.1 | 1.1 | 1.1 | 1.2 | 0.9 | 1.1 | 1.0 | 1.1 |
| 24 1500 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 24 1800 | 0.01 | 0.000 | 2.6 | 2.1 | 1.6 | 1.8 | 1.6 | 2.0 | 2.1 | 1.2 | 0.8 | 1.2 | 1.1 | 1.7 | 1.2 | 1.6 | 1.3 | 1.4 | 1.1 | 1.1 | 1.3 | 2.0 | 1.0 | 1.3 |
| 24 2100 | 0.03 | 0.000 | 0.3 | 25.2 | 1.4 | 4.5 | 2.2 | 14.6 | 1.5 | 2.5 | 0.9 | 4.2 | 0.8 | 1.1 | 0.5 | 1.4 | 1.0 | 0.9 | 0.8 | 3.9 | 3.0 | 0.7 | 5.5 | 0.6 |
| 25 0000 | 0.02 | 0.000 | 2.6 | 21.6 | 7.3 | 10.7 | 3.9 | 9.2 | 2.4 | 2.0 | 1.1 | 2.5 | 0.8 | 0.6 | 0.8 | 1.1 | 0.7 | 0.8 | 0.8 | 2.8 | 2.4 | 2.2 | 2.7 | 0.9 |
| 25 0300 | 0.02 | 0.000 | 5.3 | 19.1 | 6.7 | 7.8 | 2.5 | 5.6 | 2.3 | 1.3 | 0.8 | 2.4 | 0.9 | 0.5 | 0.6 | 1.9 | 0.7 | 1.0 | 0.7 | 2.3 | 3.6 | 1.3 | 4.7 | 0.9 |
| 25 0600 | 0.01 | 0.000 | 1.1 | 2.0 | 1.2 | 1.7 | 2.0 | 1.5 | 2.0 | 1.2 | 1.5 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 0.9 | 1.1 | 1.6 | 1.2 | 0.8 | 1.7 | 2.0 |
| 25 0900 | 0.00 | 0.000 | 3.5 | 5.2 | 5.1 | 2.4 | 1.7 | 1.4 | 1.3 | 1.6 | 1.6 | 0.9 | 0.9 | 1.1 | 0.6 | 1.3 | 0.8 | 1.4 | 1.0 | 1.4 | 1.3 | 1.0 | 0.8 | 1.7 |
| 25 1200 | 0.01 | 0.000 | 2.8 | 8.1 | 6.7 | 1.9 | 2.1 | 0.8 | 0.9 | 2.0 | 0.4 | 0.8 | 1.1 | 1.1 | 1.5 | 1.4 | 1.2 | 1.2 | 0.7 | 0.7 | 0.6 | 1.3 | 0.8 | 1.1 |
| 25 1500 | 0.03 | 0.000 | 0.8 | 1.0 | 1.2 | 1.0 | 0.6 | 0.5 | 0.6 | 0.8 | 0.4 | 0.5 | 0.4 | 0.5 | 0.6 | 0.6 | 0.8 | 0.5 | 0.5 | 0.8 | 0.7 | 0.8 | 0.9 | 0.7 |
| 25 1800 | 0.03 | 0.000 | 1.8 | 2.2 | 2.0 | 0.9 | 1.1 | 0.8 | 1.0 | 1.1 | 0.8 | 1.1 | 0.8 | 0.7 | 0.6 | 1.0 | 1.2 | 1.5 | 1.5 | 1.0 | 1.1 | 2.0 | 1.3 | 1.5 |
| 25 2100 | 0.03 | 0.000 | 0.3 | 17.3 | 2.1 | 2.8 | 1.4 | 8.1 | 1.5 | 0.6 | 1.0 | 1.6 | 1.0 | 0.7 | 0.4 | 1.2 | 0.3 | 0.6 | 0.6 | 0.7 | 3.7 | 0.6 | 4.3 | 0.5 |
| 26 0000 | 0.06 | 0.000 | 0.6 | 5.5 | 2.0 | 1.8 | 0.5 | 1.8 | 0.6 | 0.5 | 0.4 | 0.9 | 0.4 | 0.4 | 0.3 | 0.5 | 0.3 | 0.3 | 0.3 | 0.6 | 1.5 | 1.5 | 1.4 | 2.3 |
| 26 0300 | 0.19 | 0.003 | 0.1 | 0.6 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.8 | 2.7 | 3.8 | 14.1 | 17.6 | 7.9 |
| 26 0600 | 0.16 | 0.002 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.9 | 1.6 | 4.4 | 13.2 | 10.8 | 8.5 | 10.0 |
| 26 0900 | 0.17 | 0.003 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 1.2 | 0.5 | 0.3 | 0.6 | 1.5 | 2.5 | 4.7 | 10.2 | 12.2 |

SHOTGUN COVE, AK (H-P FILTERED)
APR 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 26 1200 | 0.11 | 0.001 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.6 | 0.9 | 2.6 | 10.1 | 12.1 | 11.8 |
| 26 1500 | 0.06 | 0.000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.5 | 0.8 | 1.0 | 2.0 | 4.3 | 6.9 | 10.0 |
| 26 1800 | 0.05 | 0.000 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.4 | 0.6 | 0.3 | 0.3 | 0.6 | 0.6 | 0.7 | 1.3 |
| 26 2100 | 0.03 | 0.000 | 0.4 | 19.4 | 3.2 | 1.6 | 1.1 | 10.3 | 0.8 | 0.7 | 0.7 | 2.4 | 0.8 | 0.6 | 0.5 | 1.0 | 0.4 | 0.7 | 0.7 | 2.5 | 4.5 | 0.4 | 5.2 | 0.6 |
| 27 0000 | 0.04 | 0.000 | 4.3 | 14.3 | 5.8 | 5.0 | 3.0 | 8.5 | 0.8 | 2.2 | 0.6 | 2.9 | 0.7 | 0.6 | 0.5 | 1.1 | 0.7 | 0.7 | 0.8 | 2.9 | 2.1 | 2.3 | 2.7 | 1.1 |
| 27 0300 | 0.03 | 0.000 | 2.2 | 23.0 | 4.5 | 4.5 | 3.2 | 11.5 | 2.5 | 1.6 | 0.6 | 2.2 | 1.1 | 0.7 | 0.9 | 1.5 | 0.6 | 0.7 | 0.8 | 2.7 | 3.8 | 1.6 | 5.3 | 1.2 |
| 27 0600 | 0.00 | 0.012 | 4.9 | 9.6 | 16.6 | 13.9 | 9.9 | 7.4 | 5.5 | 4.4 | 3.5 | 2.8 | 2.3 | 2.0 | 1.6 | 1.4 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 |
| 27 0900 | 0.00 | 0.000 | 1.6 | 17.9 | 14.8 | 3.0 | 1.7 | 0.9 | 2.1 | 2.1 | 1.6 | 1.3 | 4.3 | 1.1 | 1.2 | 1.0 | 0.7 | 0.7 | 0.6 | 0.5 | 0.6 | 1.0 | 0.7 | 1.9 |
| 27 1200 | 0.01 | 0.000 | 4.1 | 6.1 | 13.4 | 6.3 | 2.3 | 2.2 | 1.8 | 1.3 | 2.0 | 1.9 | 1.2 | 1.7 | 1.2 | 0.6 | 1.3 | 0.5 | 0.8 | 0.9 | 0.8 | 1.2 | 1.2 | 0.9 |
| 27 1500 | 0.02 | 0.000 | 0.5 | 1.3 | 0.9 | 1.4 | 1.3 | 1.1 | 0.8 | 0.7 | 0.9 | 0.3 | 0.8 | 0.6 | 0.9 | 0.6 | 0.5 | 0.8 | 1.2 | 1.0 | 1.3 | 2.3 | 2.6 | 4.2 |
| 27 1800 | 0.04 | 0.000 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 | 0.3 | 0.4 | 0.2 | 0.4 | 0.4 | 0.5 | 0.5 | 1.5 | 2.1 | 1.1 |
| 27 2100 | 0.03 | 0.000 | 0.3 | 14.0 | 1.1 | 2.1 | 1.1 | 9.1 | 0.7 | 1.0 | 0.5 | 2.1 | 0.5 | 0.5 | 0.3 | 1.4 | 0.3 | 0.6 | 0.5 | 1.7 | 3.4 | 0.8 | 3.9 | 1.6 |
| 28 0000 | 0.04 | 0.000 | 2.1 | 17.2 | 3.3 | 2.5 | 1.4 | 6.8 | 1.3 | 1.0 | 0.8 | 2.2 | 0.5 | 0.7 | 0.6 | 0.8 | 0.6 | 1.0 | 0.8 | 2.0 | 2.1 | 1.0 | 4.8 | 2.3 |
| 28 0300 | 0.04 | 0.000 | 0.2 | 9.6 | 1.4 | 2.3 | 1.0 | 6.1 | 0.8 | 0.5 | 0.5 | 1.5 | 0.4 | 0.5 | 0.5 | 0.8 | 0.5 | 0.6 | 4.6 | 19.4 | 14.1 | 8.4 | 2.8 | 0.9 |
| 28 0600 | 0.00 | 0.000 | 1.3 | 11.8 | 10.5 | 3.7 | 3.0 | 1.5 | 1.6 | 2.2 | 1.8 | 1.4 | 1.3 | 1.0 | 1.3 | 1.9 | 1.3 | 1.2 | 0.7 | 1.1 | 0.8 | 1.1 | 1.2 | 1.3 |
| 28 0900 | 0.00 | 0.000 | 2.4 | 13.8 | 15.6 | 3.5 | 1.6 | 1.5 | 1.8 | 2.8 | 2.3 | 2.8 | 3.4 | 1.7 | 0.8 | 0.8 | 0.9 | 1.3 | 0.7 | 0.6 | 1.3 | 0.9 | 2.1 | 1.7 |
| 28 1200 | 0.00 | 0.000 | 1.1 | 19.4 | 15.9 | 3.4 | 1.1 | 0.7 | 1.1 | 2.4 | 1.5 | 0.6 | 0.9 | 0.5 | 0.6 | 1.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.7 | 0.9 | 0.4 | 2.0 |
| 28 1500 | 0.01 | 0.000 | 2.6 | 7.5 | 9.6 | 4.6 | 4.0 | 3.6 | 2.2 | 2.0 | 1.6 | 1.6 | 1.8 | 3.3 | 1.3 | 1.1 | 1.1 | 1.1 | 1.2 | 1.3 | 1.2 | 1.5 | 1.0 | 1.9 |
| 28 1800 | 0.06 | 0.000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.6 | 0.9 | 3.2 | 4.0 |
| 28 2100 | 0.03 | 0.000 | 0.2 | 15.2 | 1.2 | 1.4 | 0.7 | 5.3 | 0.7 | 0.8 | 0.6 | 2.0 | 0.4 | 0.3 | 0.5 | 1.1 | 0.3 | 0.3 | 0.4 | 0.9 | 4.3 | 0.8 | 3.2 | 0.8 |
| 29 0000 | 0.05 | 0.000 | 1.4 | 7.1 | 1.9 | 2.4 | 0.7 | 3.3 | 0.6 | 0.8 | 0.5 | 1.1 | 0.3 | 0.3 | 0.3 | 0.6 | 0.3 | 0.2 | 0.3 | 0.9 | 1.2 | 1.9 | 3.6 | 2.5 |
| 29 0300 | 0.03 | 0.000 | 3.9 | 16.6 | 3.3 | 3.4 | 2.2 | 6.5 | 2.0 | 1.4 | 0.8 | 3.0 | 0.9 | 0.6 | 0.4 | 1.0 | 0.3 | 0.5 | 0.6 | 1.3 | 4.0 | 1.4 | 3.2 | 0.8 |
| 29 0600 | 0.03 | 0.000 | 0.2 | 0.4 | 0.4 | 0.7 | 0.3 | 0.5 | 0.4 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.6 | 0.8 | 1.4 |
| 29 0900 | 0.08 | 0.001 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 1.0 | 2.5 | 6.4 | 9.0 |
| 29 1200 | 0.02 | 0.000 | 0.7 | 0.8 | 0.9 | 0.9 | 0.4 | 1.1 | 0.8 | 1.1 | 0.9 | 0.4 | 0.5 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 | 0.5 | 0.7 | 1.0 | 1.5 |
| 29 1500 | 0.05 | 0.000 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.5 | 0.4 | 0.9 | 1.9 | 5.6 | 5.7 |
| 29 1800 | 0.06 | 0.000 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.7 | 1.7 | 2.8 |
| 29 2100 | 0.06 | 0.000 | 0.1 | 6.0 | 0.6 | 0.7 | 0.5 | 2.4 | 0.4 | 0.3 | 0.3 | 1.1 | 0.3 | 0.2 | 0.3 | 0.7 | 0.4 | 0.4 | 0.6 | 0.9 | 2.2 | 1.5 | 3.9 | 8.3 |
| 30 0000 | 0.12 | 0.001 | 0.3 | 1.4 | 0.6 | 0.5 | 0.2 | 0.6 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.5 | 0.4 | 0.4 | 0.3 | 1.3 | 1.8 | 4.2 | 7.0 | 13.8 |
| 30 0300 | 0.06 | 0.000 | 0.2 | 5.8 | 0.7 | 0.6 | 0.3 | 1.8 | 0.3 | 0.3 | 0.3 | 0.5 | 0.2 | 0.4 | 0.3 | 0.6 | 0.6 | 0.9 | 0.5 | 1.0 | 1.5 | 1.1 | 3.7 | 6.8 |
| 30 0600 | 0.05 | 0.000 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.4 | 0.3 | 0.4 | 0.4 | 0.9 | 1.0 | 2.3 | 3.8 | 7.0 |
| 30 0900 | 0.05 | 0.000 | 0.1 | 0.2 | 0.4 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 | 0.6 | 0.6 | 0.5 | 0.9 |
| 30 1200 | 0.05 | 0.000 | 0.1 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 | 0.2 | 0.2 | 0.4 | 0.2 | 0.7 | 0.4 | 0.9 | 1.3 | 3.6 | 2.9 |
| 30 1500 | 0.05 | 0.000 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.5 | 0.6 | 0.3 | 0.6 | 0.9 | 2.6 | 4.5 |
| 30 1800 | 0.04 | 0.000 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.5 | 0.3 | 0.5 | 0.5 | 0.3 | 0.9 |
| 30 2100 | 0.04 | 0.000 | 0.2 | 12.8 | 1.4 | 2.4 | 0.9 | 8.3 | 0.7 | 0.8 | 0.6 | 2.5 | 0.6 | 0.4 | 0.9 | 1.1 | 0.4 | 0.5 | 0.4 | 0.5 | 2.5 | 0.6 | 2.8 | 0.6 |

SHOTGUN COVE, AK (H-P FILTERED)
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 0000 | 0.03 | 0.000 | 0.7 | 15.2 | 1.9 | 1.6 | 1.1 | 8.5 | 0.7 | 0.6 | 0.6 | 2.0 | 0.7 | 0.6 | 0.3 | 1.2 | 0.3 | 0.5 | 0.5 | 2.0 | 1.7 | 0.6 | 3.3 | 0.5 |
| 1 0300 | 0.12 | 0.001 | 0.4 | 1.1 | 0.4 | 0.6 | 0.2 | 0.5 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.6 | 1.4 | 5.1 | 8.7 |
| 1 0600 | 0.05 | 0.000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 0.6 | 0.3 | 0.6 | 0.5 | 0.8 | 0.9 |
| 1 0900 | 0.06 | 0.000 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.4 | 0.4 | 0.7 | 1.1 | 2.5 |
| 1 1200 | 0.03 | 0.000 | 0.3 | 0.7 | 0.6 | 0.6 | 0.4 | 0.3 | 0.3 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 | 1.0 | 2.3 | 1.4 | 2.5 | 1.4 | 1.4 | 1.9 |
| 1 1500 | 0.01 | 0.000 | 2.6 | 13.6 | 16.9 | 8.3 | 6.1 | 3.4 | 2.0 | 2.5 | 2.5 | 2.0 | 2.6 | 1.6 | 1.4 | 1.2 | 0.8 | 0.7 | 0.8 | 1.0 | 1.3 | 1.1 | 1.8 | 0.6 |
| 1 1800 | 0.04 | 0.000 | 0.3 | 0.6 | 0.6 | 0.7 | 0.4 | 0.5 | 0.7 | 0.5 | 0.5 | 0.6 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 |
| 1 2100 | 0.12 | 0.001 | 0.0 | 2.0 | 0.2 | 0.2 | 0.2 | 0.6 | 0.1 | 0.1 | 0.2 | 0.4 | 0.3 | 0.5 | 0.3 | 0.6 | 0.7 | 1.5 | 1.9 | 2.4 | 3.5 | 5.2 | 4.9 | 8.4 |
| 2 0000 | 0.07 | 0.001 | 0.3 | 4.2 | 1.1 | 1.1 | 0.5 | 1.3 | 0.3 | 0.3 | 0.1 | 0.6 | 0.3 | 0.3 | 0.5 | 0.9 | 1.4 | 1.4 | 1.5 | 1.8 | 2.4 | 2.7 | 5.9 | 3.6 |
| 2 0300 | 0.03 | 0.000 | 2.6 | 11.5 | 3.8 | 3.5 | 1.9 | 8.0 | 1.4 | 1.0 | 0.5 | 1.9 | 0.6 | 0.5 | 0.5 | 2.3 | 1.4 | 1.7 | 2.7 | 5.0 | 3.4 | 2.6 | 2.8 | 1.7 |
| 2 0600 | 0.03 | 0.000 | 0.2 | 0.3 | 0.2 | 0.4 | 0.2 | 0.5 | 0.3 | 0.5 | 0.4 | 0.4 | 0.3 | 0.6 | 0.6 | 1.0 | 3.0 | 5.5 | 16.7 | 6.5 | 6.4 | 4.7 | 2.5 | 3.5 |
| 2 0900 | 0.00 | 0.000 | 2.3 | 12.5 | 18.8 | 6.7 | 2.4 | 2.1 | 2.1 | 2.6 | 2.2 | 1.8 | 1.2 | 1.2 | 2.1 | 1.4 | 0.9 | 1.7 | 1.5 | 1.9 | 1.5 | 0.9 | 0.6 | 0.5 |
| 2 1200 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 2 1500 | 0.01 | 0.000 | 1.4 | 4.6 | 5.0 | 3.6 | 4.1 | 1.8 | 2.0 | 2.0 | 1.5 | 1.5 | 0.7 | 1.5 | 1.0 | 0.9 | 1.0 | 0.6 | 0.7 | 1.0 | 1.0 | 1.1 | 1.4 | 1.4 |
| 2 1800 | 0.01 | 0.000 | 1.0 | 1.1 | 1.0 | 0.4 | 0.6 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.6 | 1.7 | 47.7 | 1.4 | 3.7 | 0.8 | 0.6 | 0.5 | 0.5 |
| 2 2100 | 0.03 | 0.000 | 0.6 | 25.5 | 3.0 | 4.3 | 1.8 | 15.3 | 2.3 | 2.0 | 1.2 | 4.0 | 0.9 | 0.7 | 0.8 | 1.3 | 0.4 | 0.9 | 0.7 | 1.9 | 3.5 | 0.8 | 5.3 | 0.9 |
| 3 0000 | 0.04 | 0.000 | 0.4 | 28.8 | 0.3 | 48.3 | 0.1 | 4.2 | 0.2 | 0.8 | 0.2 | 1.8 | 0.2 | 0.5 | 0.2 | 0.5 | 0.3 | 0.8 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 |
| 3 0300 | 0.04 | 0.000 | 0.3 | 26.5 | 0.3 | 47.1 | 0.2 | 4.3 | 0.2 | 1.2 | 0.2 | 1.3 | 0.1 | 0.6 | 0.3 | 0.3 | 0.2 | 1.0 | 0.2 | 0.3 | 0.5 | 0.3 | 0.2 | 0.2 |
| 3 0600 | 0.03 | 0.000 | 0.2 | 0.3 | 0.3 | 0.4 | 0.3 | 0.6 | 0.5 | 0.5 | 0.3 | 0.4 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 | 0.3 | 0.6 | 0.8 | 0.8 | 2.1 | 2.7 | 4.0 |
| 3 0900 | 0.03 | 0.000 | 2.1 | 3.0 | 5.7 | 3.4 | 2.9 | 1.8 | 0.9 | 0.8 | 1.4 | 0.8 | 1.1 | 0.9 | 1.5 | 1.6 | 2.0 | 1.4 | 0.8 | 1.2 | 0.9 | 1.3 | 2.0 | 1.5 |
| 3 1200 | 0.05 | 0.000 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 | 0.4 | 0.2 | 0.3 | 0.4 | 0.3 | 0.7 |
| 3 1500 | 0.11 | 0.001 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.3 | 1.4 | 2.3 | 7.5 | 14.8 |
| 3 1800 | 0.10 | 0.001 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 1.0 | 1.8 | 7.8 | 8.9 | 15.5 |
| 3 2100 | 0.09 | 0.001 | 0.1 | 4.9 | 0.0 | 7.7 | 0.0 | 0.4 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.6 | 1.7 | 8.9 | 12.4 | 7.4 |
| 4 0000 | 0.04 | 0.000 | 0.3 | 22.2 | 0.5 | 36.3 | 0.3 | 2.3 | 0.2 | 0.8 | 0.2 | 1.0 | 0.2 | 0.3 | 0.4 | 0.8 | 0.6 | 0.9 | 0.6 | 0.5 | 0.9 | 0.7 | 0.5 | 0.6 |
| 4 0300 | 0.04 | 0.000 | 0.2 | 16.8 | 0.2 | 28.9 | 0.2 | 1.3 | 0.1 | 0.5 | 0.2 | 0.8 | 0.2 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.4 | 0.8 | 1.4 | 2.9 | 5.0 | 4.3 |
| 4 0600 | 0.05 | 0.000 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.3 | 0.4 | 0.3 | 0.2 | 0.2 | 0.4 | 0.5 | 1.1 | 2.0 | 2.9 |
| 4 0900 | 0.01 | 0.000 | 3.0 | 1.6 | 2.3 | 1.3 | 1.2 | 1.5 | 2.3 | 2.7 | 1.8 | 1.7 | 1.7 | 1.1 | 2.8 | 2.1 | 2.2 | 2.1 | 1.7 | 1.5 | 1.3 | 2.9 | 2.1 | 1.2 |
| 4 1200 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 4 1500 | 0.02 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 4 1800 | 0.01 | 0.000 | 2.2 | 5.6 | 5.2 | 6.2 | 4.4 | 2.2 | 2.5 | 3.1 | 1.9 | 4.2 | 2.6 | 2.6 | 1.9 | 2.9 | 2.3 | 2.4 | 1.1 | 1.0 | 1.7 | 1.3 | 1.0 | 1.3 |
| 4 2100 | 0.04 | 0.000 | 0.4 | 27.5 | 0.6 | 40.9 | 0.2 | 5.2 | 0.2 | 2.2 | 0.2 | 1.5 | 0.2 | 0.9 | 0.2 | 0.6 | 0.4 | 1.3 | 0.3 | 0.6 | 0.7 | 0.5 | 0.6 | 0.6 |
| 5 0000 | 0.04 | 0.000 | 0.5 | 28.0 | 0.2 | 43.7 | 0.3 | 5.2 | 0.3 | 1.9 | 0.2 | 1.5 | 0.2 | 0.8 | 0.2 | 0.5 | 0.7 | 1.3 | 0.5 | 0.4 | 0.8 | 0.4 | 0.5 | 0.4 |
| 5 0300 | 0.04 | 0.000 | 0.3 | 29.8 | 0.2 | 42.9 | 0.1 | 5.4 | 0.1 | 2.1 | 0.2 | 1.2 | 0.2 | 1.1 | 0.4 | 0.5 | 0.5 | 1.1 | 0.5 | 0.7 | 0.4 | 0.2 | 0.5 | 0.4 |
| 5 0600 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 5 0900 | 0.03 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |

SHOTGUN COVE, AK
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 1505 | 0.05 | 0.000 | 0.9 | 33.4 | 0.1 | 1.8 | 0.1 | 0.2 | 0.1 | 0.3 | 1.2 | 1.8 | 5.0 | 7.7 | 9.1 | 1.6 | 5.1 | 8.4 | 2.8 | 2.2 | 1.0 | 0.3 | 0.7 | 0.7 |
| 6 1805 | 0.02 | 0.000 | 1.0 | 53.9 | 0.1 | 2.7 | 0.0 | 0.2 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.7 | 0.2 | 0.4 | 0.3 | 0.5 | 0.8 | 0.6 | 0.5 | 0.4 |
| 6 2105 | 0.01 | 0.000 | 1.9 | 50.5 | 0.3 | 1.9 | 0.2 | 0.5 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.3 | 0.2 | 0.5 | 0.7 | 0.5 | 0.5 | 0.6 | 0.5 | 1.0 |
| 7 0005 | 0.02 | 0.000 | 2.5 | 41.0 | 0.4 | 2.9 | 0.2 | 0.4 | 0.2 | 0.2 | 0.1 | 0.3 | 0.2 | 0.4 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.7 | 0.5 | 0.6 | 0.6 | 0.5 |
| 7 0305 | 0.01 | 0.000 | 0.9 | 46.9 | 0.1 | 2.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.5 | 0.4 | 0.4 | 0.5 | 0.6 | 0.5 | 0.6 |
| 7 0605 | 0.01 | 0.000 | 5.6 | 18.0 | 0.3 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.6 | 0.4 |
| 7 0905 | 0.02 | 0.000 | 9.7 | 10.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.7 | 0.6 | 0.5 | 0.8 | 0.6 |
| 7 1205 | 0.02 | 0.000 | 12.4 | 7.9 | 0.2 | 0.2 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.6 | 0.5 | 0.5 | 1.1 | 1.1 |
| 7 1505 | 0.02 | 0.000 | 3.9 | 15.1 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.3 | 0.4 | 0.3 | 0.9 | 1.0 | 1.4 | 0.7 |
| 7 1805 | 0.02 | 0.000 | 1.4 | 23.4 | 0.1 | 0.5 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.5 | 0.4 | 1.0 | 1.4 | 2.5 | 2.2 | 1.2 |
| 7 2105 | 0.02 | 0.000 | 0.8 | 28.3 | 0.2 | 1.3 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.4 | 0.5 | 0.3 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 |
| 8 0005 | 0.02 | 0.000 | 7.0 | 13.4 | 0.4 | 0.7 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.6 | 0.4 | 0.5 | 0.3 |
| 8 0305 | 0.02 | 0.000 | 10.1 | 7.0 | 0.3 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.6 | 0.6 | 0.5 | 0.6 | 0.4 |
| 8 0605 | 0.03 | 0.000 | 15.4 | 5.4 | 0.2 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 1.2 | 1.4 | 1.2 | 1.5 | 0.6 | 0.9 | 0.8 | 0.7 | 0.8 |
| 8 0905 | 0.05 | 0.000 | 14.5 | 7.0 | 0.3 | 0.4 | 0.1 | 0.2 | 0.1 | 0.4 | 0.1 | 0.3 | 0.2 | 0.5 | 0.5 | 0.7 | 0.6 | 0.7 | 0.9 | 0.3 | 0.5 | 0.6 | 0.4 | 0.2 |
| 8 1205 | 0.05 | 0.000 | 18.2 | 3.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 |
| 8 1505 | 0.02 | 0.000 | 4.6 | 8.8 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.6 | 1.5 | 0.8 | 0.8 | 0.8 | 0.4 |
| 8 1805 | 0.02 | 0.000 | 0.8 | 30.8 | 0.1 | 0.7 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 | 0.9 | 0.8 | 0.6 | 1.1 | 1.1 | 1.3 | 2.2 | 2.3 |
| 8 2105 | 0.02 | 0.000 | 1.1 | 45.8 | 0.1 | 2.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.6 | 0.3 | 0.5 | 0.6 | 0.9 | 0.6 | 0.6 | 0.7 | 1.4 | 0.9 | 0.5 |
| 9 0005 | 0.01 | 0.000 | 3.7 | 30.2 | 0.5 | 2.9 | 0.4 | 1.0 | 0.2 | 0.6 | 0.2 | 0.5 | 0.5 | 0.4 | 0.4 | 0.6 | 0.4 | 0.7 | 1.0 | 0.7 | 1.0 | 1.2 | 1.4 | 1.2 |
| 9 0305 | 0.02 | 0.000 | 3.3 | 27.5 | 0.6 | 7.6 | 0.2 | 1.5 | 0.3 | 1.1 | 0.3 | 0.7 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.5 | 0.4 | 0.6 | 0.7 | 1.0 | 1.2 | 1.0 |
| 9 0605 | 0.01 | 0.000 | 2.8 | 21.1 | 0.4 | 2.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 |
| 9 0905 | 0.02 | 0.000 | 7.4 | 12.3 | 0.3 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.5 | 0.3 | 0.4 | 0.4 | 0.6 | 0.6 | 0.5 | 0.6 | 0.4 | 0.5 | 0.3 | 0.5 |
| 9 1205 | 0.03 | 0.000 | 9.2 | 11.6 | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.8 | 1.4 | 2.1 | 2.4 | 0.8 | 0.9 | 0.9 | 1.0 | 1.5 | 1.0 | 0.5 |
| 9 1505 | 0.02 | 0.000 | 3.9 | 10.2 | 0.1 | 0.3 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.8 | 0.5 | 0.7 | 1.0 | 0.8 | 0.9 | 0.7 | 0.7 |
| 9 1805 | 0.02 | 0.000 | 2.4 | 18.9 | 0.0 | 0.5 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.4 | 0.2 | 0.3 | 0.4 | 0.6 | 0.6 | 1.1 |
| 9 2105 | 0.01 | 0.000 | 1.3 | 34.4 | 0.2 | 2.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.5 | 0.5 | 0.6 | 1.0 | 0.8 |
| 10 0005 | 0.01 | 0.000 | 7.5 | 18.8 | 0.5 | 1.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.3 | 0.6 | 0.4 | 0.6 | 0.5 | 0.4 | 0.5 | 0.5 |
| 10 0305 | 0.02 | 0.000 | 8.9 | 11.2 | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.3 |
| 10 0605 | 0.02 | 0.000 | 8.7 | 11.4 | 0.3 | 0.8 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.3 | 0.4 | 0.7 | 0.8 | 0.5 | 0.4 |
| 10 0905 | 0.13 | 0.001 | 5.8 | 4.3 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.8 | 1.1 | 0.8 | 1.0 | 0.4 | 0.6 | 1.0 | 1.6 | 1.8 | 0.8 | 2.5 | 3.1 | 6.3 | 6.0 | 4.4 |
| 10 1205 | 0.02 | 0.000 | 3.2 | 10.6 | 0.1 | 0.3 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.5 | 0.8 | 0.5 | 0.7 | 1.1 | 1.1 | 1.2 |
| 10 1505 | 0.01 | 0.000 | 2.1 | 29.0 | 0.1 | 0.6 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.8 | 0.6 | 0.5 | 0.9 | 0.7 |
| 10 1805 | 0.03 | 0.000 | 1.5 | 11.3 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 |
| 10 2105 | 0.03 | 0.000 | 1.0 | 14.9 | 0.1 | 1.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.2 | 0.5 | 1.2 | 1.0 | 1.4 | 1.7 | 1.5 | 1.6 |
| 11 0005 | 0.01 | 0.000 | 1.4 | 26.5 | 0.3 | 1.9 | 0.3 | 1.0 | 0.4 | 0.7 | 0.3 | 0.8 | 0.4 | 0.7 | 0.5 | 0.7 | 0.8 | 0.9 | 1.2 | 1.9 | 1.4 | 1.8 | 2.2 | 1.5 |
| 11 0305 | 0.03 | 0.000 | 2.4 | 33.7 | 0.4 | 10.0 | 0.1 | 1.9 | 0.2 | 0.4 | 0.2 | 0.3 | 0.4 | 0.3 | 0.4 | 0.6 | 0.7 | 0.7 | 1.1 | 1.2 | 1.2 | 1.4 | 0.9 | 1.2 |

SHOTGUN COVE, AK
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 0605 | 0.03 | 0.000 | 3.5 | 34.4 | 0.5 | 6.5 | 0.3 | 1.0 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 | 0.8 | 0.5 | 0.7 | 0.6 | 0.7 | 1.2 | 0.9 | 1.0 |
| 11 0905 | 0.01 | 0.000 | 1.6 | 29.7 | 0.3 | 1.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.3 | 0.5 | 0.7 | 0.5 | 0.5 | 0.6 | 0.7 | 0.5 |
| 11 1205 | 0.03 | 0.000 | 13.9 | 7.7 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.6 | 0.4 | 0.4 | 0.2 | 0.4 | 0.7 |
| 11 1505 | 0.03 | 0.000 | 3.7 | 10.0 | 0.1 | 0.3 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.5 | 0.7 | 0.5 | 1.0 | 0.4 | 0.6 |
| 11 1805 | 0.03 | 0.000 | 1.0 | 12.5 | 0.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.5 | 1.2 | 1.2 |
| 11 2105 | 0.03 | 0.000 | 8.2 | 7.3 | 0.1 | 0.3 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.4 | 0.5 | 0.2 | 0.3 | 0.6 | 0.4 | 0.6 | 0.9 | 0.5 | 1.0 | 0.7 | 0.9 | 0.3 |
| 12 0005 | 0.03 | 0.000 | 13.4 | 6.6 | 0.2 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.6 | 1.0 | 1.7 | 0.8 | 1.0 | 0.5 |
| 12 0305 | 0.04 | 0.000 | 9.7 | 5.7 | 0.3 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| 12 0605 | 0.03 | 0.000 | 17.2 | 9.2 | 0.5 | 1.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.5 | 0.6 | 0.3 | 0.5 | 0.7 | 0.8 | 0.7 |
| 12 0905 | 0.03 | 0.000 | 6.5 | 8.5 | 0.1 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.3 | 0.9 | 0.5 |
| 12 1205 | 0.02 | 0.000 | 1.5 | 26.2 | 0.1 | 0.7 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.4 | 0.6 | 0.3 | 0.3 | 0.6 | 1.0 | 0.9 | 1.5 | 2.7 | 4.2 | 2.3 |
| 12 1505 | 0.02 | 0.000 | 3.8 | 27.5 | 0.1 | 0.6 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.4 | 0.4 | 0.3 | 0.6 | 0.9 | 0.7 | 1.0 | 0.5 | 0.6 | 0.8 |
| 12 1805 | 0.03 | 0.000 | 0.7 | 21.0 | 0.1 | 0.4 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.6 | 0.4 | 0.5 | 0.3 | 0.8 | 1.1 | 1.9 |
| 12 2105 | 0.01 | 0.000 | 1.3 | 44.0 | 0.1 | 2.6 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.4 | 0.2 | 0.4 | 0.4 | 0.4 | 0.8 | 0.7 | 0.7 | 0.8 | 0.8 | 1.2 |
| 13 0005 | 0.01 | 0.000 | 1.5 | 36.8 | 0.3 | 2.0 | 0.2 | 1.3 | 0.2 | 0.4 | 0.2 | 0.5 | 0.2 | 0.4 | 0.3 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 1.3 | 0.9 |
| 13 0305 | 0.01 | 0.000 | 2.0 | 19.5 | 0.7 | 9.2 | 0.3 | 2.6 | 0.4 | 1.1 | 0.4 | 0.8 | 0.5 | 0.4 | 0.5 | 0.8 | 0.6 | 0.8 | 1.0 | 1.0 | 1.2 | 1.0 | 1.1 | 1.0 |
| 13 0605 | 0.01 | 0.000 | 2.2 | 20.2 | 1.1 | 4.7 | 0.3 | 0.9 | 0.4 | 1.2 | 0.4 | 0.8 | 0.5 | 0.4 | 0.5 | 0.6 | 0.4 | 1.0 | 0.8 | 1.2 | 0.9 | 1.1 | 1.1 | 1.8 |
| 13 0905 | 0.01 | 0.000 | 0.8 | 39.5 | 0.1 | 0.9 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.3 | 0.4 | 0.4 | 0.8 | 0.5 | 0.5 | 0.7 | 0.7 | 0.9 | 0.5 |
| 13 1205 | 0.02 | 0.000 | 1.1 | 27.3 | 0.1 | 0.5 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.6 | 1.2 | 1.1 | 0.6 | 1.8 | 1.8 | 0.5 | 1.1 | 1.2 | 0.7 | 0.9 |
| 13 1505 | 0.02 | 0.000 | 1.4 | 21.0 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 1.0 | 4.2 | 2.0 | 2.4 | 3.3 | 2.5 | 2.4 | 2.2 | 0.9 | 0.8 | 1.5 |
| 13 1805 | 0.04 | 0.000 | 0.2 | 3.9 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 2.1 | 5.8 | 36.2 | 27.0 | 11.0 | 3.8 | 1.6 | 0.3 | 0.3 | 0.1 |
| 13 2105 | 0.01 | 0.000 | 0.6 | 39.5 | 0.1 | 2.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.2 | 0.2 | 0.4 | 0.5 | 0.6 | 0.6 | 0.7 | 0.8 | 0.6 |
| 14 0005 | 0.01 | 0.000 | 5.0 | 36.3 | 1.5 | 2.1 | 0.2 | 1.3 | 0.3 | 0.4 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.5 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.6 |
| 14 0305 | 0.02 | 0.000 | 1.7 | 22.9 | 0.6 | 10.5 | 0.2 | 2.6 | 0.3 | 1.5 | 0.2 | 0.7 | 0.6 | 0.5 | 0.4 | 0.7 | 0.5 | 0.8 | 0.8 | 0.9 | 1.0 | 0.7 | 1.0 | 1.0 |
| 14 0605 | 0.01 | 0.000 | 3.1 | 28.4 | 0.6 | 7.3 | 0.3 | 1.3 | 0.2 | 0.5 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.6 | 0.4 | 0.5 | 0.6 | 0.6 | 0.8 | 0.8 |
| 14 0905 | 0.01 | 0.000 | 0.8 | 43.9 | 0.1 | 1.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.5 | 0.4 | 0.5 | 0.5 | 0.9 | 0.6 | 0.6 | 0.9 | 1.0 |
| 14 1205 | 0.01 | 0.000 | 1.3 | 23.8 | 0.1 | 0.4 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 |
| 14 1505 | 0.01 | 0.000 | 2.0 | 29.4 | 0.4 | 0.7 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.5 | 0.3 | 0.6 | 0.3 | 0.7 | 0.7 | 0.7 | 1.0 | 0.6 |
| 14 1805 | 0.01 | 0.000 | 1.5 | 36.2 | 0.2 | 0.6 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.4 | 0.5 | 0.4 | 0.9 | 0.6 | 0.9 | 0.7 | 0.9 |
| 14 2105 | 0.01 | 0.000 | 1.9 | 40.6 | 0.1 | 2.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.3 | 0.3 | 0.5 | 0.5 | 0.6 | 0.5 | 0.4 | 0.4 | 1.1 | 0.7 |
| 15 0005 | 0.02 | 0.000 | 5.5 | 35.1 | 0.8 | 2.6 | 0.1 | 0.5 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.3 | 0.4 | 0.4 | 0.4 | 0.7 | 0.4 | 0.6 | 0.4 |
| 15 0305 | 0.01 | 0.000 | 2.4 | 26.7 | 0.7 | 3.6 | 0.2 | 1.1 | 0.3 | 0.9 | 0.3 | 0.6 | 0.5 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.9 | 1.2 | 0.8 | 1.6 | 1.0 |
| 15 0605 | 0.01 | 0.000 | 2.0 | 22.8 | 0.7 | 3.7 | 0.5 | 0.8 | 0.3 | 0.8 | 0.2 | 0.5 | 0.4 | 0.3 | 0.6 | 0.5 | 0.4 | 0.7 | 0.9 | 1.0 | 0.9 | 0.8 | 1.2 | 1.1 |
| 15 0905 | 0.01 | 0.000 | 1.0 | 33.9 | 0.1 | 1.1 | 0.0 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 | 0.6 | 0.9 | 0.7 |
| 15 1205 | 0.02 | 0.000 | 1.7 | 8.9 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.4 |
| 15 1505 | 0.03 | 0.000 | 1.6 | 9.7 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 1.0 | 1.9 | 2.1 |
| 15 1805 | 0.02 | 0.000 | 0.7 | 16.4 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.5 | 0.4 | 1.1 | 1.1 | 0.9 |
| 15 2105 | 0.01 | 0.000 | 1.1 | 39.0 | 0.1 | 1.5 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.6 | 0.3 | 0.2 | 0.9 | 0.4 | 0.5 | 0.8 | 0.7 | 0.5 |

SHOTGUN COVE, AK
MAY 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

| DAY/TIME AST | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.291 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BAND CENTER FREQUENCY | | | | | | | | | | | | | | | | | | | | | |
| 16 0005 | 0.02 | 0.000 | 0.7 | 19.8 | 0.1 | 0.9 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.5 | 0.4 | 0.4 | 0.3 | 0.6 | 0.3 |
| 16 0305 | 0.01 | 0.000 | 1.2 | 43.4 | 0.1 | 2.4 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.5 | 0.4 | 0.5 | 0.5 | 0.7 | 0.6 | 0.8 |
| 16 0605 | 0.01 | 0.000 | 0.9 | 33.0 | 0.1 | 1.5 | 0.0 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.2 | 0.2 | 0.4 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.7 |
| 16 0905 | 0.01 | 0.000 | 0.7 | 41.9 | 0.1 | 0.9 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.7 | 0.9 | 0.5 | 0.7 | 1.1 | 1.2 |
| 16 1205 | 0.02 | 0.000 | 0.9 | 13.6 | 0.2 | 0.6 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.6 | 1.1 | 1.5 | 1.3 | 1.2 | 0.6 | 1.1 | 1.1 |
| 16 1505 | 0.02 | 0.000 | 2.8 | 7.1 | 0.1 | 0.3 | 0.1 | 0.2 | 0.2 | 0.3 | 1.1 | 0.8 | 0.7 | 2.1 | 2.3 | 5.0 | 7.5 | 1.0 | 1.8 | 1.1 | 2.8 | 1.1 | 1.1 | 0.5 |
| 16 1805 | 0.01 | 0.000 | 1.7 | 15.3 | 0.2 | 0.5 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.5 | 0.7 | 0.5 | 0.6 | 1.1 |
| 16 2105 | 0.01 | 0.000 | 0.6 | 20.1 | 0.1 | 1.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.4 |
| 17 0005 | 0.01 | 0.000 | 0.8 | 47.3 | 0.1 | 2.9 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.4 | 0.3 | 0.4 | 0.3 | 0.4 | 0.4 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 0.8 | 1.0 |
| 17 0305 | 0.02 | 0.000 | 3.7 | 15.2 | 0.1 | 0.8 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 0.9 | 1.3 |
| 17 0605 | 0.02 | 0.000 | 1.2 | 19.4 | 0.1 | 1.1 | 0.1 | 0.1 | 0.0 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.2 | 0.3 | 0.3 | 0.6 | 0.5 |
| 17 0905 | 0.01 | 0.000 | 1.9 | 37.0 | 0.1 | 1.8 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 | 0.6 | 0.5 | 0.8 | 0.6 | 0.6 |
| 17 1205 | 0.03 | 0.000 | 1.5 | 20.6 | 0.1 | 0.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.3 | 0.6 | 0.5 | 0.6 | 1.1 |
| 17 1505 | 0.05 | 0.000 | 1.4 | 4.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.3 | 0.5 | 0.5 | 0.8 | 1.3 | 3.9 |
| 17 1805 | 0.09 | 0.001 | 0.9 | 1.4 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 | 0.4 | 0.5 | 0.7 | 1.3 | 2.0 | 2.4 | 6.8 | 7.0 |
| 17 2105 | 0.03 | 0.000 | 0.7 | 15.8 | 0.1 | 0.9 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.2 | 0.3 | 0.2 | 0.4 | 0.4 | 0.3 |
| 18 0005 | 0.01 | 0.000 | 5.1 | 16.5 | 0.7 | 0.8 | 0.2 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 | 0.4 | 0.2 | 0.5 |
| 18 0305 | 0.03 | 0.000 | 2.8 | 12.3 | 0.2 | 0.6 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.4 | 0.8 | 0.8 | 0.5 | 0.4 | 0.6 | 0.4 | 0.5 | 0.7 |
| 18 0605 | 0.03 | 0.000 | 4.4 | 23.7 | 0.2 | 1.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 |
| 18 0905 | 0.10 | 0.001 | 2.0 | 1.3 | 0.1 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.4 | 0.5 | 1.9 | 4.0 | 7.4 | 13.9 |
| 18 1205 | 0.05 | 0.000 | 0.5 | 4.5 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.7 | 1.2 | 1.1 | 2.1 | 3.4 | 6.9 |
| 18 1505 | 0.05 | 0.000 | 0.9 | 4.8 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.6 | 0.9 | 1.0 | 1.0 | 1.1 | 0.9 | 1.1 | 1.4 | 2.0 |
| 18 1805 | 0.02 | 0.000 | 2.0 | 36.2 | 0.1 | 1.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 0.7 | 2.0 | 1.0 | 2.0 | 1.5 | 1.7 | 2.1 | 1.6 | 2.4 | 2.2 |
| 18 2105 | 0.02 | 0.000 | 5.9 | 31.7 | 0.3 | 1.5 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 1.4 | 8.6 | 0.9 | 1.1 | 0.6 | 0.6 | 0.6 | 0.6 |
| 19 0005 | 0.03 | 0.000 | 0.7 | 23.2 | 0.1 | 1.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 1.2 | 2.4 | 5.2 | 5.2 | 3.6 | 4.7 | 8.1 | 4.9 | 6.7 |
| 19 0305 | 0.01 | 0.000 | 2.8 | 38.5 | 0.3 | 1.9 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.4 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.4 | 0.3 | 0.6 | 0.7 | 0.4 | 0.6 | 0.6 |
| 19 0605 | 0.02 | 0.000 | 1.0 | 47.5 | 0.1 | 2.3 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.2 | 0.9 | 0.6 | 0.7 | 0.9 | 0.7 | 1.0 | 1.2 | 1.2 |
| 19 0905 | 0.01 | 0.000 | 3.9 | 30.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.3 | 0.5 | 0.5 | 0.4 | 0.3 | 0.6 | 0.6 | 0.6 |
| 19 1205 | 0.01 | 0.000 | 5.4 | 19.5 | 0.2 | 0.5 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 |
| 19 1505 | 0.03 | 0.000 | 2.5 | 13.5 | 0.5 | 0.5 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 | 1.7 | 0.6 | 0.8 | 0.7 | 0.5 | 0.5 | 0.7 | 0.7 | 1.7 | 1.2 | 1.2 | 1.4 | 1.4 |
| 19 1805 | 0.01 | 0.000 | 1.1 | 15.8 | 0.5 | 1.0 | 0.6 | 0.8 | 1.0 | 1.1 | 0.5 | 0.6 | 1.1 | 1.3 | 1.0 | 1.0 | 1.8 | 0.6 | 1.0 | 1.4 | 1.1 | 1.1 | 1.2 | 1.5 |

Homer, Alaska

Summary Tables
July 12-23, 1984

HOMER ,ALASKA
JUL 1984

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | TP (S) | ** BUOY 2 ** HS (M) | TP (S) |
|---|---|---|---|---|---|---|
| 12 200 | 0.45 | 133 | 0.14 | 4.0 | 0.16 | 3.8 |
| 12 500 | 0.45 | 160 | 0.16 | 16.8 | 0.22 | 3.8 |
| 12 800 | 0.00 | 256 | 0.15 | 2.7 | 0.17 | 2.6 |
| 12 1100 | 0.45 | 159 | -- | -- | 0.15 | 3.0 |
| 12 1400 | 0.00 | 087 | -- | -- | 0.13 | 16.8 |
| 12 1700 | 0.89 | 054 | -- | -- | -- | -- |
| 12 2000 | 0.89 | 062 | -- | -- | 0.14 | 2.4 |
| 12 2300 | 1.79 | 050 | -- | -- | -- | -- |
| 13 200 | 0.89 | 119 | 0.15 | 3.5 | 0.16 | 3.5 |
| 13 500 | 0.00 | 063 | -- | -- | 0.15 | 4.0 |
| 13 800 | 0.89 | 272 | -- | -- | 0.14 | 2.2 |
| 13 1100 | 0.00 | 255 | -- | -- | 0.13 | 16.8 |
| 13 1400 | 0.00 | 188 | -- | -- | -- | -- |
| 13 1700 | 0.00 | 217 | -- | -- | -- | -- |
| 13 2000 | 0.00 | 063 | -- | -- | 0.13 | 2.8 |
| 13 2300 | 1.34 | 274 | -- | -- | 0.14 | 3.6 |
| 14 200 | 2.24 | 242 | 0.17 | 3.2 | 0.20 | 3.5 |
| 14 500 | 0.45 | 253 | 0.18 | 2.6 | 0.17 | 4.1 |
| 14 800 | 0.00 | 277 | 0.15 | 2.6 | 0.21 | 4.1 |
| 14 1100 | 0.45 | 162 | 0.20 | 4.5 | 0.17 | 4.3 |
| 14 1400 | 0.89 | 139 | 0.18 | 4.8 | 0.15 | 4.3 |
| 14 1700 | 1.34 | 053 | -- | -- | 0.14 | 3.3 |
| 14 2000 | 0.45 | 053 | -- | -- | 0.15 | 4.8 |
| 14 2300 | 2.24 | 286 | -- | -- | 0.14 | 3.2 |
| 15 200 | 2.68 | 267 | 0.17 | 2.6 | 0.20 | 2.2 |
| 15 500 | 1.79 | 255 | 0.17 | 3.8 | 0.19 | 2.4 |
| 15 800 | 0.45 | 241 | -- | -- | -- | -- |
| 15 1100 | 0.00 | 191 | -- | -- | -- | -- |
| 15 1400 | 0.89 | 070 | -- | -- | -- | -- |
| 15 1700 | 2.68 | 077 | -- | -- | 0.13 | 3.4 |
| 15 2000 | 0.00 | 279 | -- | -- | -- | -- |
| 15 2300 | 3.58 | 234 | 0.28 | 6.4 | 0.31 | 2.6 |
| 16 200 | 5.36 | 239 | 0.31 | 2.9 | 0.47 | 2.8 |
| 16 500 | 8.05 | 215 | 0.42 | 3.3 | 0.38 | 3.0 |
| 16 800 | 1.79 | 245 | 0.20 | 2.9 | 0.28 | 2.2 |
| 16 1100 | 0.45 | 250 | 0.15 | 2.4 | 0.18 | 2.6 |
| 16 1400 | 0.89 | 063 | 0.13 | 2.4 | -- | -- |
| 16 1700 | 0.45 | 050 | 0.16 | 3.8 | 0.25 | 3.1 |
| 16 2000 | 3.58 | 069 | -- | -- | 0.18 | 3.5 |
| 16 2300 | 0.00 | 066 | 0.14 | 4.0 | 0.29 | 4.0 |
| 17 200 | 0.00 | 269 | 0.18 | 4.1 | 0.29 | 3.6 |
| 17 500 | 0.00 | 228 | 0.16 | 3.6 | 0.26 | 5.3 |
| 17 800 | 0.45 | 091 | 0.16 | 3.5 | 0.40 | 3.6 |
| 17 1100 | 0.00 | 067 | 0.20 | 3.4 | 0.33 | 6.0 |
| 17 1400 | 0.00 | 067 | 0.16 | 2.5 | 0.27 | 3.8 |
| 17 1700 | 0.45 | 112 | -- | -- | 0.21 | 4.0 |
| 17 2000 | 0.00 | 025 | -- | -- | 0.25 | 3.6 |
| 17 2300 | 0.45 | 059 | 0.13 | 3.8 | 0.28 | 3.5 |

SUMMARY TABLE FOR WIND/WAVE DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | AVE WIND DIR (DEG) | ** BUOY 1 ** HS (M) | TP (S) | ** BUOY 2 ** HS (M) | TP (S) |
|---|---|---|---|---|---|---|
| 18 200 | 0.00 | 221 | 0.15 | 3.3 | 0.42 | 3.6 |
| 18 500 | 0.45 | 311 | 0.14 | 4.0 | 0.31 | 4.5 |
| 18 800 | 0.00 | 228 | 0.17 | 3.8 | 0.29 | 3.5 |
| 18 1100 | 0.89 | 221 | 0.19 | 2.9 | 0.25 | 4.0 |
| 18 1400 | 0.00 | 217 | 0.18 | 2.8 | 0.21 | 3.5 |
| 18 1700 | 0.00 | 341 | -- | -- | 0.19 | 2.9 |
| 18 2000 | 0.00 | 052 | -- | -- | 0.14 | 2.9 |
| 18 2300 | 0.00 | 054 | -- | -- | -- | -- |
| 19 200 | 5.36 | 217 | -- | -- | 0.16 | 3.5 |
| 19 500 | 3.13 | 191 | 0.15 | 3.0 | 0.18 | 2.7 |
| 19 800 | 1.79 | 156 | -- | -- | 0.21 | 2.1 |
| 19 1100 | 0.00 | 077 | -- | -- | 0.23 | 3.4 |
| 19 1400 | 0.45 | 081 | -- | -- | 0.22 | 3.8 |
| 19 1700 | 0.45 | 052 | -- | -- | -- | -- |
| 19 2000 | 0.00 | 040 | -- | -- | 0.16 | 2.8 |
| 19 2300 | 3.13 | 301 | 0.17 | 3.1 | 0.34 | 3.0 |
| 20 200 | 4.47 | 297 | 0.29 | 3.3 | 0.53 | 3.6 |
| 20 500 | 2.24 | 259 | 0.24 | 2.4 | 0.37 | 3.2 |
| 20 800 | 4.02 | 204 | 0.18 | 2.8 | 0.35 | 3.4 |
| 20 1100 | 3.13 | 293 | 0.22 | 2.8 | 0.37 | 3.3 |
| 20 1400 | 1.79 | 313 | 0.28 | 2.6 | 0.37 | 3.5 |
| 20 1700 | 2.24 | 320 | 0.16 | 2.6 | 0.35 | 3.1 |
| 20 2000 | 2.24 | 301 | -- | -- | 0.30 | 3.8 |
| 20 2300 | 3.58 | 272 | 0.16 | 3.8 | 0.27 | 3.5 |
| 21 200 | 5.81 | 222 | 0.19 | 3.5 | 0.34 | 2.3 |
| 21 500 | 1.79 | 224 | 0.17 | 2.6 | 0.32 | 3.5 |
| 21 800 | 0.00 | 000 | 0.15 | 4.3 | 0.30 | 3.4 |
| 21 1100 | 0.45 | 321 | 0.14 | 3.5 | 0.26 | 3.6 |
| 21 1400 | 0.00 | 173 | 0.16 | 3.8 | 0.25 | 4.0 |
| 21 1700 | 0.00 | 070 | -- | -- | 0.25 | 4.0 |
| 21 2000 | 0.45 | 059 | 0.14 | 3.6 | 0.25 | 3.6 |
| 21 2300 | 2.68 | 249 | 0.14 | 3.8 | 0.39 | 2.6 |
| 22 200 | 4.02 | 190 | 0.18 | 3.4 | 0.37 | 4.1 |
| 22 500 | 5.36 | 184 | 0.15 | 3.4 | 0.45 | 2.9 |
| 22 800 | 6.71 | 176 | 0.15 | 2.1 | 0.32 | 2.4 |
| 22 1100 | 4.02 | 143 | 0.15 | 4.8 | 0.28 | 2.1 |
| 22 1400 | 0.45 | 073 | 0.14 | 3.5 | 0.23 | 3.4 |
| 22 1700 | 1.34 | 076 | 0.16 | 2.4 | 0.22 | 4.8 |
| 22 2000 | 1.34 | 060 | 0.17 | 2.5 | 0.18 | 10.9 |
| 22 2300 | 0.89 | 279 | 0.13 | 3.5 | 0.16 | 2.9 |
| 23 200 | 0.89 | 277 | -- | -- | 0.15 | 2.4 |
| 23 500 | 0.00 | 022 | -- | -- | 0.15 | 4.3 |
| 23 800 | 1.34 | 296 | -- | -- | -- | -- |
| 23 1100 | 0.89 | 256 | -- | -- | -- | -- |
| 23 1400 | 0.89 | 262 | 0.21 | 2.4 | 0.16 | 2.1 |
| 23 1700 | 0.00 | 194 | -- | -- | -- | -- |
| 23 2000 | 0.00 | 121 | -- | -- | -- | -- |
| 23 2300 | 0.45 | 260 | -- | -- | -- | -- |

HOMER ,ALASKA
JUL 1984

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 12 200 | 0.45 | 2.68 | 0.45 | 133 | 015 | 0 |
| 12 500 | 0.45 | 2.24 | 0.45 | 160 | 007 | 0 |
| 12 800 | 0.00 | 1.79 | 0.45 | 256 | 014 | 0 |
| 12 1100 | 0.45 | 1.79 | 0.45 | 159 | 033 | 1 |
| 12 1400 | 0.00 | 0.89 | 0.00 | 087 | 023 | 0 |
| 12 1700 | 0.89 | 3.13 | 0.89 | 054 | 008 | 0 |
| 12 2000 | 0.89 | 3.58 | 0.45 | 062 | 019 | 0 |
| 12 2300 | 1.79 | 4.92 | 0.89 | 050 | 015 | 0 |
| 13 200 | 0.89 | 3.58 | 0.89 | 119 | 012 | 0 |
| 13 500 | 0.00 | 0.89 | 0.00 | 063 | 008 | 0 |
| 13 800 | 0.89 | 3.13 | 0.45 | 272 | 018 | 1 |
| 13 1100 | 0.00 | 0.00 | 0.00 | 255 | 008 | 0 |
| 13 1400 | 0.00 | 0.00 | 0.00 | 188 | 001 | 0 |
| 13 1700 | 0.00 | 0.45 | 0.00 | 217 | 039 | 0 |
| 13 2000 | 0.00 | 0.89 | 0.00 | 063 | 005 | 0 |
| 13 2300 | 1.34 | 3.58 | 0.89 | 274 | 011 | 0 |
| 14 200 | 2.24 | 4.47 | 0.89 | 242 | 009 | 0 |
| 14 500 | 0.45 | 1.79 | 0.45 | 253 | 007 | 0 |
| 14 800 | 0.00 | 0.89 | 0.00 | 277 | 007 | 0 |
| 14 1100 | 0.45 | 2.68 | 0.45 | 162 | 007 | 0 |
| 14 1400 | 0.89 | 3.13 | 0.45 | 139 | 016 | 0 |
| 14 1700 | 1.34 | 3.13 | 0.45 | 053 | 009 | 0 |
| 14 2000 | 0.45 | 2.24 | 0.45 | 053 | 018 | 0 |
| 14 2300 | 2.24 | 4.47 | 0.89 | 286 | 009 | 0 |
| 15 200 | 2.68 | 5.36 | 0.89 | 267 | 009 | 0 |
| 15 500 | 1.79 | 3.58 | 0.45 | 255 | 009 | 0 |
| 15 800 | 0.45 | 0.89 | 0.00 | 241 | 019 | 0 |
| 15 1100 | 0.00 | 0.89 | 0.00 | 191 | 019 | 0 |
| 15 1400 | 0.89 | 3.13 | 0.45 | 070 | 005 | 0 |
| 15 1700 | 2.68 | 4.92 | 0.89 | 077 | 025 | 0 |
| 15 2000 | 0.00 | 1.79 | 0.45 | 279 | 080 | 0 |
| 15 2300 | 3.58 | 6.71 | 1.34 | 234 | 018 | 0 |
| 16 200 | 5.36 | 9.39 | 1.79 | 239 | 014 | 0 |
| 16 500 | 3.05 | 10.73 | 1.34 | 215 | 004 | 0 |
| 16 800 | 1.79 | 4.92 | 0.89 | 245 | 014 | 0 |
| 16 1100 | 0.45 | 3.13 | 0.45 | 250 | 031 | 0 |
| 16 1400 | 0.89 | 3.13 | 0.45 | 063 | 005 | 0 |
| 16 1700 | 0.45 | 2.24 | 0.45 | 050 | 021 | 0 |
| 16 2000 | 3.58 | 9.83 | 2.24 | 069 | 005 | 0 |
| 16 2300 | 0.00 | 1.34 | 0.45 | 066 | 009 | 0 |
| 17 200 | 0.00 | 0.45 | 0.00 | 269 | 005 | 0 |
| 17 500 | 0.00 | 0.89 | 0.00 | 228 | 040 | 0 |
| 17 800 | 0.45 | 1.79 | 0.45 | 091 | 022 | 0 |
| 17 1100 | 0.00 | 0.89 | 0.00 | 067 | 002 | 0 |
| 17 1400 | 0.00 | 0.45 | 0.00 | 067 | 000 | 0 |
| 17 1700 | 0.45 | 1.79 | 0.00 | 112 | 016 | 0 |
| 17 2000 | 0.00 | 0.89 | 0.00 | 025 | 014 | 0 |
| 17 2300 | 0.45 | 2.24 | 0.45 | 059 | 005 | 0 |

SUMMARY TABLE FOR WIND DATA

| DAY/TIME (GMT) | AVE WIND SPEED (M/S) | MAX WIND SPEED (M/S) | STD DEV WIND SPEED (M/S) | AVE WIND DIR (DEG) | STD DEV WIND DIR (DEG) | STATUS (DATA QUALITY) |
|---|---|---|---|---|---|---|
| 18 200 | 0.00 | 1.34 | 0.00 | 221 | 009 | 0 |
| 18 500 | 0.45 | 1.79 | 0.00 | 311 | 008 | 0 |
| 18 800 | 0.00 | 0.45 | 0.00 | 228 | 026 | 0 |
| 18 1100 | 0.89 | 2.24 | 0.45 | 221 | 007 | 0 |
| 18 1400 | 0.00 | 0.89 | 0.00 | 217 | 012 | 0 |
| 18 1700 | 0.00 | 0.45 | 0.00 | 341 | 039 | 0 |
| 18 2000 | 0.00 | 0.89 | 0.00 | 052 | 014 | 0 |
| 18 2300 | 0.00 | 0.89 | 0.00 | 054 | 007 | 0 |
| 19 200 | 5.36 | 8.05 | 1.79 | 217 | 022 | 0 |
| 19 500 | 3.13 | 5.36 | 0.89 | 191 | 007 | 0 |
| 19 800 | 1.79 | 4.92 | 0.89 | 156 | 015 | 0 |
| 19 1100 | 0.00 | 1.34 | 0.00 | 077 | 026 | 0 |
| 19 1400 | 0.45 | 1.79 | 0.00 | 081 | 009 | 0 |
| 19 1700 | 0.45 | 2.24 | 0.45 | 052 | 016 | 0 |
| 19 2000 | 0.00 | 1.34 | 0.00 | 040 | 023 | 0 |
| 19 2300 | 3.13 | 8.05 | 1.79 | 301 | 012 | 0 |
| 20 200 | 4.47 | 6.71 | 0.89 | 297 | 007 | 0 |
| 20 500 | 2.24 | 8.05 | 2.24 | 259 | 060 | 0 |
| 20 800 | 4.02 | 8.05 | 0.89 | 204 | 009 | 0 |
| 20 1100 | 3.13 | 4.92 | 0.89 | 293 | 005 | 0 |
| 20 1400 | 1.79 | 3.58 | 0.45 | 313 | 005 | 0 |
| 20 1700 | 2.24 | 4.47 | 0.89 | 320 | 009 | 0 |
| 20 2000 | 2.24 | 4.47 | 0.45 | 301 | 008 | 0 |
| 20 2300 | 3.58 | 8.49 | 1.79 | 272 | 036 | 0 |
| 21 200 | 5.81 | 8.05 | 1.34 | 222 | 007 | 0 |
| 21 500 | 1.79 | 4.92 | 0.89 | 224 | 015 | 0 |
| 21 800 | 0.00 | 2.24 | 0.45 | 000 | 011 | 0 |
| 21 1100 | 0.45 | 1.79 | 0.45 | 321 | 009 | 0 |
| 21 1400 | 0.00 | 0.89 | 0.00 | 173 | 028 | 0 |
| 21 1700 | 0.00 | 0.45 | 0.00 | 070 | 009 | 0 |
| 21 2000 | 0.45 | 2.24 | 0.45 | 059 | 031 | 0 |
| 21 2300 | 2.68 | 6.71 | 0.89 | 249 | 038 | 0 |
| 22 200 | 4.02 | 7.15 | 1.34 | 190 | 008 | 0 |
| 22 500 | 5.36 | 7.60 | 1.34 | 184 | 002 | 0 |
| 22 800 | 6.71 | 9.39 | 1.34 | 176 | 007 | 0 |
| 22 1100 | 4.02 | 7.15 | 0.89 | 143 | 009 | 0 |
| 22 1400 | 0.45 | 3.13 | 0.45 | 073 | 080 | 0 |
| 22 1700 | 1.34 | 2.68 | 0.45 | 076 | 005 | 0 |
| 22 2000 | 1.34 | 3.13 | 0.00 | 060 | 011 | 0 |
| 22 2300 | 0.89 | 1.79 | 0.45 | 279 | 007 | 0 |
| 23 200 | 0.89 | 1.79 | 0.00 | 277 | 012 | 0 |
| 23 500 | 0.00 | 3.13 | 0.45 | 022 | 063 | 0 |
| 23 800 | 1.34 | 3.13 | 0.45 | 296 | 008 | 0 |
| 23 1100 | 0.89 | 2.24 | 0.45 | 256 | 008 | 0 |
| 23 1400 | 0.89 | 2.68 | 0.45 | 262 | 005 | 0 |
| 23 1700 | 0.00 | 1.34 | 0.45 | 194 | 004 | 1 |
| 23 2000 | 0.00 | 0.00 | 0.00 | 121 | 022 | 0 |
| 23 2300 | 0.45 | 2.24 | 0.45 | 260 | 009 | 0 |

HOMER ,ALASKA GAGE C11: OUTER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 200 | 0.14 | 0.001 | 1.6 | 3.3 | 3.1 | 0.8 | 0.6 | 0.7 | 0.5 | 0.5 | 1.0 | 6.0 | 17.5 | 16.6 | 8.8 | 5.1 | 6.7 | 4.1 | 2.0 | 2.5 | 1.1 | 1.3 | 1.7 | 1.4 |
| 12 500 | 0.16 | 0.001 | 2.1 | 7.4 | 3.6 | 1.0 | 1.4 | 1.1 | 1.4 | 4.0 | 3.0 | 3.0 | 2.8 | 7.0 | 7.8 | 7.5 | 3.5 | 4.7 | 2.6 | 2.2 | 2.4 | 1.8 | 3.1 | 1.8 |
| 12 800 | 0.15 | 0.001 | 0.9 | 2.0 | 4.0 | 0.7 | 0.7 | 0.5 | 0.8 | 1.0 | 1.1 | 1.7 | 4.0 | 2.8 | 4.3 | 5.0 | 5.8 | 5.2 | 8.6 | 5.1 | 7.1 | 5.6 | 4.0 | 2.9 |
| 13 200 | 0.15 | 0.001 | 1.0 | 0.9 | 3.6 | 0.7 | 0.5 | 0.3 | 0.4 | 0.8 | 0.8 | 5.2 | 1.5 | 3.6 | 24.2 | 18.4 | 7.2 | 6.2 | 6.5 | 2.5 | 1.6 | 1.2 | 0.6 | 0.8 |
| 14 200 | 0.17 | 0.002 | 0.7 | 1.0 | 1.4 | 0.5 | 0.2 | 0.3 | 0.3 | 0.6 | 0.7 | 1.7 | 0.8 | 5.1 | 2.4 | 10.6 | 5.0 | 4.9 | 10.3 | 1.3 | 2.5 | 5.1 | 2.0 | 10.8 |
| 14 500 | 0.18 | 0.002 | 0.7 | 1.4 | 1.4 | 1.3 | 0.4 | 0.4 | 0.4 | 0.3 | 0.6 | 1.3 | 1.1 | 1.8 | 1.4 | 3.4 | 5.8 | 13.0 | 11.7 | 6.2 | 7.1 | 10.3 | 3.9 | 3.0 |
| 14 800 | 0.15 | 0.001 | 1.6 | 0.8 | 0.6 | 1.1 | 0.6 | 0.5 | 0.6 | 0.6 | 1.1 | 3.5 | 6.9 | 5.5 | 4.3 | 3.7 | 3.6 | 7.2 | 7.4 | 10.9 | 6.5 | 4.4 | 5.2 | 3.7 |
| 14 1100 | 0.20 | 0.002 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 5.6 | 14.5 | 9.4 | 12.5 | 10.1 | 7.5 | 4.1 | 5.4 | 3.6 | 2.2 | 4.2 | 2.3 | 1.9 | 1.9 |
| 14 1400 | 0.18 | 0.002 | 0.9 | 0.9 | 1.6 | 0.5 | 0.4 | 0.4 | 0.3 | 2.8 | 21.3 | 7.2 | 18.1 | 8.3 | 10.2 | 3.8 | 2.5 | 1.6 | 3.0 | 1.4 | 1.7 | 1.2 | 1.2 | 0.6 |
| 15 200 | 0.17 | 0.002 | 1.2 | 0.8 | 1.0 | 0.5 | 0.4 | 0.2 | 0.6 | 0.7 | 0.6 | 0.8 | 1.7 | 2.2 | 6.2 | 4.0 | 2.4 | 3.4 | 3.0 | 6.6 | 2.9 | 4.4 | 4.0 | 2.1 |
| 15 500 | 0.17 | 0.002 | 1.3 | 1.2 | 1.1 | 1.0 | 0.6 | 0.3 | 0.8 | 0.7 | 1.6 | 2.7 | 3.6 | 7.3 | 2.7 | 3.3 | 3.0 | 3.0 | 2.3 | 3.8 | 2.4 | 3.7 | 4.9 | 2.2 |
| 15 2300 | 0.28 | 0.005 | 8.9 | 9.7 | 3.2 | 7.4 | 3.8 | 7.2 | 9.0 | 1.5 | 7.0 | 5.6 | 3.0 | 4.3 | 6.3 | 3.2 | 1.7 | 2.3 | 2.2 | 0.9 | 1.5 | 1.0 | 1.3 | 1.8 |
| 16 200 | 0.31 | 0.006 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 0.6 | 1.3 | 4.9 | 15.7 | 11.7 | 14.5 | 13.4 | 7.7 | 4.9 | 5.3 |
| 16 500 | 0.42 | 0.011 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.1 | 0.2 | 0.2 | 0.4 | 4.5 | 10.3 | 9.9 | 15.0 | 13.3 | 12.8 | 6.1 | 3.4 | 5.0 | 4.2 | 2.8 | 1.2 |
| 16 800 | 0.20 | 0.003 | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 1.0 | 0.8 | 2.3 | 5.0 | 12.8 | 19.7 | 15.3 | 6.3 | 6.2 | 3.7 | 1.9 | 4.4 |
| 16 1100 | 0.15 | 0.001 | 1.2 | 0.9 | 1.0 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 | 0.6 | 1.0 | 0.8 | 0.7 | 1.4 | 3.7 | 2.9 | 15.9 | 17.3 | 11.0 | 4.9 | 6.6 |
| 16 1400 | 0.13 | 0.001 | 2.1 | 1.2 | 1.8 | 1.0 | 0.8 | 1.5 | 0.7 | 1.0 | 0.6 | 1.0 | 1.9 | 0.9 | 1.4 | 1.2 | 2.8 | 3.8 | 3.6 | 10.1 | 17.0 | 8.3 | 3.2 | 5.2 |
| 16 1700 | 0.16 | 0.002 | 1.2 | 1.0 | 0.8 | 0.6 | 0.7 | 0.7 | 1.2 | 0.8 | 0.7 | 1.0 | 4.5 | 21.8 | 14.2 | 8.9 | 8.8 | 4.1 | 6.5 | 6.1 | 3.4 | 1.1 | 0.8 | 1.0 |
| 16 2300 | 0.14 | 0.001 | 1.6 | 1.0 | 1.1 | 1.3 | 0.9 | 1.8 | 1.9 | 1.4 | 1.6 | 5.6 | 12.7 | 10.5 | 12.9 | 9.9 | 5.4 | 3.1 | 2.9 | 1.3 | 2.0 | 1.0 | 1.0 | 1.8 |
| 17 200 | 0.18 | 0.002 | 0.7 | 0.3 | 0.6 | 0.6 | 0.2 | 0.3 | 0.6 | 1.0 | 4.5 | 7.5 | 10.8 | 7.9 | 7.4 | 5.8 | 4.2 | 8.6 | 6.6 | 5.3 | 5.7 | 4.5 | 2.2 | 2.4 |
| 17 500 | 0.16 | 0.002 | 2.3 | 0.7 | 1.1 | 0.8 | 0.9 | 1.6 | 2.2 | 2.2 | 6.2 | 9.8 | 8.3 | 9.6 | 5.6 | 8.5 | 6.5 | 4.0 | 5.0 | 4.3 | 3.8 | 2.5 | 2.9 | 1.0 |
| 17 800 | 0.16 | 0.002 | 1.0 | 0.8 | 0.9 | 2.2 | 2.2 | 1.4 | 2.9 | 2.2 | 6.1 | 7.4 | 9.2 | 12.2 | 9.2 | 4.9 | 11.2 | 3.4 | 2.4 | 1.2 | 2.2 | 2.0 | 1.5 | 1.0 |
| 17 1100 | 0.20 | 0.002 | 0.8 | 0.3 | 0.3 | 0.4 | 0.7 | 0.9 | 0.8 | 1.5 | 2.3 | 6.4 | 4.4 | 5.0 | 17.0 | 16.5 | 10.2 | 5.4 | 5.7 | 4.9 | 3.3 | 2.0 | 1.9 | 1.8 |
| 17 1400 | 0.16 | 0.001 | 1.1 | 0.6 | 1.0 | 0.7 | 0.5 | 0.4 | 0.5 | 1.0 | 1.5 | 2.4 | 3.7 | 4.5 | 6.6 | 8.7 | 7.8 | 8.4 | 7.6 | 8.6 | 7.1 | 4.9 | 3.1 | 2.3 |
| 17 2300 | 0.13 | 0.001 | 4.1 | 1.5 | 2.1 | 0.7 | 0.6 | 1.0 | 1.1 | 1.6 | 4.4 | 5.9 | 6.1 | 11.7 | 5.9 | 6.2 | 8.7 | 6.5 | 5.8 | 4.6 | 3.2 | 2.8 | 1.0 | 1.6 |
| 18 200 | 0.15 | 0.001 | 1.0 | 0.5 | 0.7 | 0.3 | 0.3 | 0.5 | 0.5 | 1.5 | 1.7 | 2.3 | 9.8 | 10.6 | 9.2 | 10.6 | 6.6 | 5.7 | 5.0 | 4.6 | 4.8 | 3.5 | 3.0 | 2.6 |
| 18 500 | 0.14 | 0.001 | 1.4 | 0.8 | 1.3 | 0.6 | 0.8 | 1.1 | 4.8 | 5.9 | 6.6 | 6.7 | 11.4 | 5.8 | 3.0 | 8.2 | 4.7 | 3.2 | 3.6 | 3.7 | 3.3 | 4.5 | 3.5 | 2.1 |
| 18 800 | 0.17 | 0.002 | 1.3 | 0.8 | 1.2 | 0.5 | 0.5 | 0.7 | 2.7 | 1.9 | 4.6 | 4.2 | 8.4 | 21.7 | 10.8 | 7.7 | 5.6 | 4.0 | 3.5 | 1.9 | 3.0 | 1.8 | 1.6 | 1.2 |
| 18 1100 | 0.19 | 0.002 | 0.7 | 0.5 | 0.6 | 0.3 | 0.4 | 0.3 | 0.9 | 0.7 | 0.8 | 1.8 | 4.8 | 1.9 | 3.9 | 4.6 | 9.6 | 12.6 | 9.9 | 12.7 | 7.5 | 5.0 | 5.2 | 3.7 |
| 18 1400 | 0.18 | 0.002 | 0.7 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 1.2 | 1.3 | 1.8 | 4.5 | 6.1 | 9.4 | 6.9 | 9.9 | 5.3 | 7.9 | 4.6 | 5.5 | 8.6 | 5.2 |
| 19 500 | 0.15 | 0.001 | 1.1 | 0.6 | 1.2 | 0.9 | 0.6 | 0.6 | 0.9 | 0.9 | 1.3 | 1.8 | 6.4 | 6.1 | 7.3 | 3.3 | 12.8 | 8.5 | 6.2 | 2.0 | 6.6 | 1.7 | 2.1 | 2.5 |
| 19 2300 | 0.17 | 0.002 | 0.9 | 0.8 | 0.3 | 0.3 | 0.3 | 0.6 | 0.4 | 1.0 | 1.9 | 2.7 | 2.6 | 4.7 | 6.0 | 11.5 | 13.7 | 14.7 | 9.5 | 6.3 | 4.1 | 4.0 | 2.1 | 1.9 |
| 20 200 | 0.29 | 0.005 | 0.4 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 2.2 | 1.9 | 3.7 | 7.3 | 13.2 | 6.8 | 13.1 | 6.2 | 5.0 | 4.2 | 5.9 | 3.8 | 4.4 |
| 20 500 | 0.24 | 0.004 | 0.5 | 0.2 | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.3 | 0.6 | 1.1 | 2.3 | 5.4 | 2.9 | 5.4 | 3.7 | 9.5 | 6.6 | 12.1 | 11.1 | 9.2 | 3.9 | 5.6 |
| 20 800 | 0.18 | 0.002 | 0.9 | 0.3 | 0.5 | 0.5 | 0.4 | 0.3 | 1.4 | 2.4 | 3.0 | 3.8 | 6.2 | 11.2 | 7.0 | 8.4 | 6.5 | 10.3 | 9.5 | 3.3 | 4.1 | 4.5 | 2.3 | 1.9 |
| 20 1100 | 0.22 | 0.003 | 0.4 | 0.3 | 0.4 | 0.1 | 0.3 | 0.3 | 0.7 | 1.9 | 3.8 | 2.2 | 4.3 | 9.4 | 9.8 | 11.5 | 11.0 | 13.2 | 4.5 | 5.8 | 3.6 | 3.1 | 1.6 | 1.8 |
| 20 1400 | 0.28 | 0.005 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 1.3 | 2.3 | 3.8 | 4.1 | 5.0 | 4.1 | 8.9 | 6.2 | 12.5 | 11.7 | 7.8 | 8.4 | 5.6 | 4.2 | 2.3 |
| 20 1700 | 0.16 | 0.002 | 0.9 | 0.5 | 0.5 | 0.7 | 0.5 | 0.6 | 0.7 | 1.5 | 1.9 | 1.7 | 2.3 | 2.0 | 4.2 | 8.5 | 8.8 | 5.7 | 4.3 | 8.4 | 5.3 | 5.5 | 6.1 | 4.6 |
| 20 2300 | 0.16 | 0.001 | 1.4 | 0.8 | 0.9 | 0.5 | 0.6 | 0.5 | 1.2 | 1.8 | 4.9 | 3.4 | 7.3 | 11.4 | 8.1 | 7.3 | 5.5 | 10.4 | 9.9 | 2.9 | 2.3 | 1.8 | 1.4 | 0.9 |
| 21 200 | 0.19 | 0.002 | 0.8 | 0.9 | 1.0 | 0.9 | 0.5 | 0.3 | 0.3 | 2.0 | 3.8 | 4.5 | 7.5 | 8.1 | 11.4 | 7.1 | 5.5 | 4.1 | 4.9 | 5.4 | 5.8 | 3.0 | 2.9 | 1.9 |

HOMER ,ALASKA  GAGE C11: OUTER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02145 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 500 | 0.17 | 0.002 | 0.6 | 0.2 | 0.4 | 0.4 | 0.5 | 0.5 | 0.3 | 0.9 | 1.2 | 2.1 | 4.7 | 5.4 | 7.6 | 7.2 | 6.9 | 6.9 | 10.5 | 5.3 | 8.5 | 3.9 | 2.4 | 3.5 |
| 21 800 | 0.15 | 0.001 | 1.1 | 0.9 | 1.8 | 0.9 | 0.6 | 0.7 | 1.4 | 1.4 | 2.2 | 6.4 | 2.7 | 5.4 | 3.3 | 5.3 | 7.1 | 6.9 | 4.9 | 4.5 | 3.9 | 1.5 | 3.4 | 2.3 |
| 21 1100 | 0.14 | 0.001 | 2.2 | 1.0 | 0.6 | 0.5 | 0.9 | 1.0 | 1.2 | 1.8 | 7.2 | 3.9 | 6.7 | 8.0 | 15.8 | 5.6 | 6.9 | 5.5 | 4.8 | 1.3 | 2.4 | 1.7 | 1.6 | 1.1 |
| 21 1400 | 0.16 | 0.001 | 0.6 | 0.6 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.6 | 3.2 | 11.1 | 10.6 | 12.8 | 6.4 | 4.8 | 7.4 | 6.9 | 4.4 | 3.1 | 3.0 | 2.4 | 2.2 | 2.1 |
| 21 2000 | 0.14 | 0.001 | 1.9 | 0.8 | 1.9 | 0.5 | 0.6 | 0.5 | 0.9 | 1.8 | 3.4 | 5.2 | 4.7 | 9.1 | 3.9 | 4.3 | 5.5 | 4.4 | 2.7 | 3.8 | 5.9 | 4.2 | 3.4 | 5.3 |
| 21 2300 | 0.14 | 0.001 | 1.7 | 2.3 | 1.9 | 1.0 | 1.1 | 0.6 | 0.8 | 1.9 | 3.3 | 3.0 | 3.1 | 9.2 | 5.5 | 3.5 | 6.2 | 6.2 | 5.7 | 3.0 | 2.5 | 2.2 | 1.9 | 3.1 |
| 22 200 | 0.18 | 0.002 | 0.7 | 0.5 | 0.5 | 0.6 | 0.3 | 0.3 | 0.3 | 1.2 | 5.5 | 3.3 | 12.6 | 9.8 | 16.1 | 12.2 | 7.7 | 2.8 | 3.6 | 1.0 | 1.1 | 1.8 | 1.0 | 1.7 |
| 22 500 | 0.15 | 0.001 | 1.3 | 0.5 | 0.7 | 0.6 | 0.7 | 1.0 | 1.6 | 3.0 | 5.1 | 5.2 | 5.4 | 4.6 | 7.9 | 6.3 | 3.2 | 4.5 | 2.2 | 2.4 | 2.8 | 2.9 | 5.5 | 3.0 |
| 22 800 | 0.15 | 0.001 | 1.5 | 0.8 | 1.5 | 3.1 | 0.4 | 0.4 | 0.7 | 1.7 | 4.3 | 3.1 | 3.4 | 4.1 | 2.2 | 3.5 | 3.4 | 2.4 | 1.3 | 2.9 | 2.8 | 3.1 | 5.2 | 4.2 |
| 22 1100 | 0.15 | 0.001 | 1.3 | 0.5 | 2.1 | 1.2 | 0.6 | 0.7 | 1.1 | 2.2 | 5.5 | 4.8 | 3.7 | 3.7 | 1.9 | 3.1 | 2.7 | 3.5 | 1.7 | 1.9 | 1.3 | 2.2 | 4.8 | 6.1 |
| 22 1400 | 0.14 | 0.001 | 5.5 | 1.4 | 2.2 | 1.1 | 0.7 | 1.2 | 1.2 | 2.0 | 5.8 | 5.3 | 5.5 | 6.8 | 11.6 | 8.6 | 3.9 | 4.6 | 4.9 | 3.9 | 4.1 | 2.1 | 2.0 | 1.6 |
| 22 1700 | 0.16 | 0.002 | 1.5 | 0.6 | 0.6 | 0.5 | 0.7 | 0.6 | 1.0 | 3.7 | 4.0 | 2.3 | 2.5 | 1.8 | 4.8 | 6.6 | 5.3 | 5.8 | 5.1 | 6.5 | 9.2 | 5.3 | 6.1 | 5.9 |
| 22 2000 | 0.17 | 0.002 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.6 | 0.7 | 1.3 | 1.9 | 3.4 | 9.0 | 6.5 | 8.8 | 5.6 | 3.7 | 11.9 | 11.3 | 3.5 | 5.3 | 3.4 | 4.3 |
| 22 2300 | 0.13 | 0.001 | 1.7 | 1.2 | 1.3 | 0.8 | 0.8 | 0.8 | 0.8 | 2.0 | 1.5 | 2.3 | 5.7 | 4.2 | 13.8 | 8.7 | 6.8 | 3.6 | 5.1 | 3.2 | 2.7 | 2.7 | 3.0 | 2.6 |
| 23 1400 | 0.21 | 0.003 | 0.6 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.8 | 77.7 | 6.8 | 0.7 | 0.3 |

HOMER ,ALASKA  GAGE C12: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

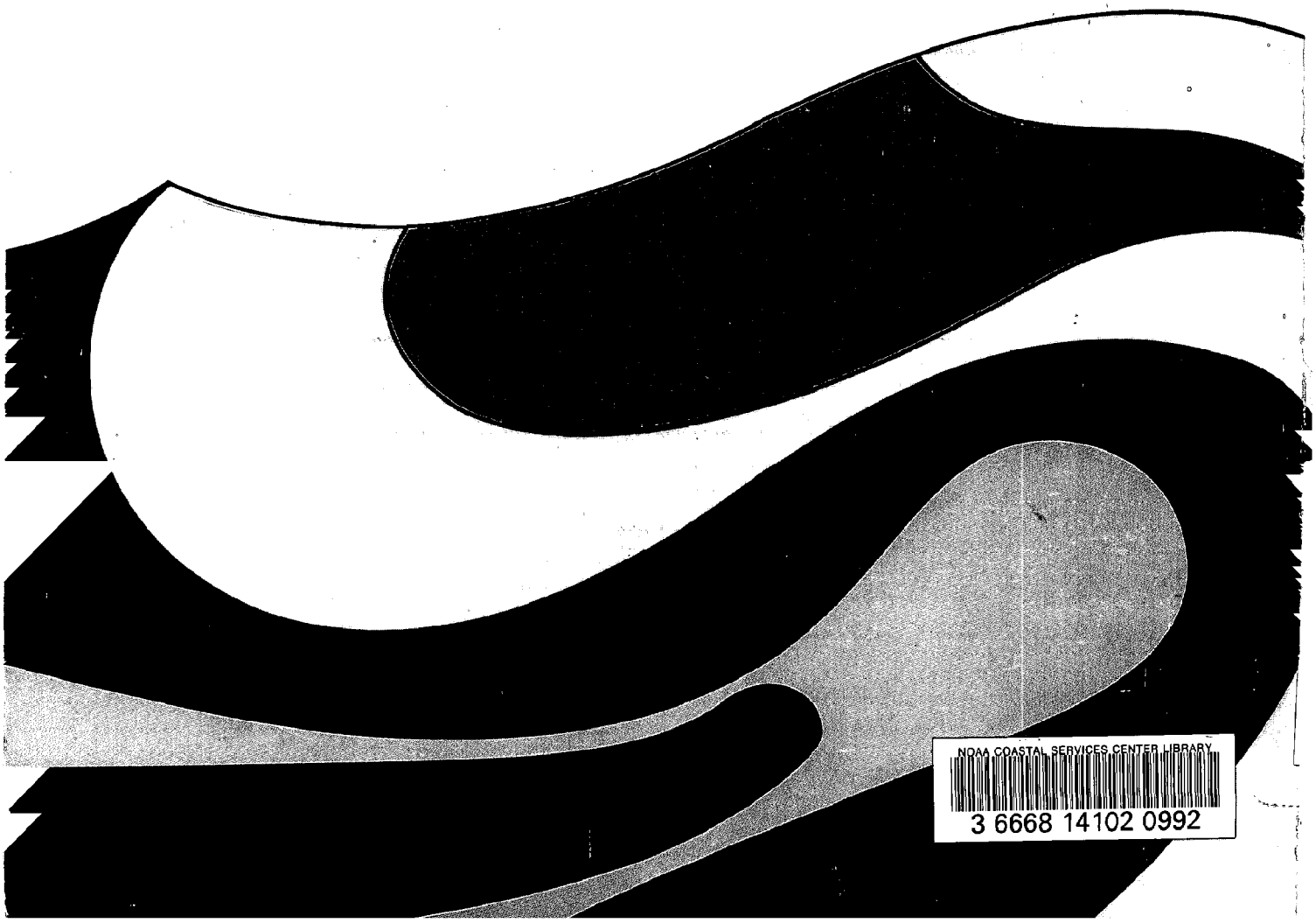
| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 220 | 0.16 | 0.001 | 2.4 | 5.1 | 3.8 | 3.2 | 1.4 | 1.0 | 1.8 | 2.2 | 3.9 | 7.8 | 7.5 | 7.3 | 5.0 | 6.6 | 6.4 | 4.6 | 2.1 | 2.5 | 2.6 | 0.6 | 1.3 | 0.7 |
| 12 520 | 0.22 | 0.003 | 1.0 | 1.4 | 1.8 | 1.0 | 1.1 | 1.4 | 1.2 | 0.9 | 1.1 | 3.5 | 8.9 | 12.6 | 10.2 | 4.2 | 7.4 | 8.1 | 7.3 | 3.6 | 4.1 | 2.3 | 1.3 | 2.2 |
| 12 820 | 0.17 | 0.002 | 1.0 | 1.2 | 1.2 | 0.6 | 0.5 | 0.4 | 1.3 | 1.6 | 1.7 | 2.9 | 2.7 | 2.8 | 2.3 | 7.0 | 6.8 | 5.2 | 6.4 | 12.7 | 4.6 | 3.7 | 5.5 | 5.2 |
| 12 1120 | 0.15 | 0.001 | 2.0 | 2.5 | 6.5 | 1.0 | 0.4 | 0.6 | 0.6 | 0.5 | 1.5 | 1.1 | 1.9 | 2.9 | 4.0 | 3.2 | 15.9 | 15.8 | 3.1 | 7.6 | 3.5 | 2.0 | 3.9 | 5.5 |
| 12 1420 | 0.13 | 0.001 | 3.1 | 14.1 | 13.5 | 2.3 | 2.3 | 1.5 | 1.7 | 2.2 | 9.1 | 6.0 | 5.6 | 4.3 | 2.2 | 2.1 | 2.0 | 2.5 | 1.4 | 1.7 | 1.7 | 1.1 | 1.2 | 1.0 |
| 12 2020 | 0.14 | 0.001 | 3.9 | 1.4 | 1.5 | 0.9 | 0.7 | 1.4 | 3.5 | 4.6 | 3.4 | 3.7 | 2.8 | 2.8 | 2.9 | 4.4 | 4.9 | 3.6 | 2.3 | 4.0 | 5.6 | 4.1 | 2.3 | 1.3 |
| 13 220 | 0.16 | 0.001 | 1.4 | 4.7 | 5.0 | 1.4 | 0.6 | 1.5 | 1.6 | 3.1 | 4.4 | 3.4 | 3.0 | 2.6 | 6.3 | 5.2 | 1.5 | 1.4 | 1.1 | 2.0 | 2.2 | 3.9 | 3.7 | 8.0 |
| 13 520 | 0.15 | 0.001 | 1.8 | 1.9 | 3.0 | 0.8 | 0.8 | 0.6 | 1.2 | 2.7 | 5.1 | 6.7 | 11.0 | 3.8 | 7.6 | 3.4 | 2.5 | 2.1 | 4.6 | 3.0 | 4.5 | 2.3 | 2.6 | 3.4 |
| 13 820 | 0.14 | 0.001 | 1.8 | 1.5 | 1.7 | 2.3 | 0.9 | 0.6 | 1.9 | 3.1 | 4.4 | 3.2 | 2.7 | 1.5 | 4.0 | 4.0 | 3.6 | 3.2 | 4.2 | 4.6 | 3.7 | 4.3 | 5.1 | 2.7 |
| 13 1120 | 0.13 | 0.001 | 4.3 | 5.0 | 4.9 | 1.4 | 0.8 | 0.9 | 1.1 | 1.6 | 2.1 | 3.0 | 3.4 | 1.9 | 4.3 | 6.9 | 4.7 | 3.2 | 2.1 | 3.8 | 4.2 | 3.0 | 2.4 | 2.6 |
| 13 2020 | 0.13 | 0.001 | 2.2 | 2.4 | 3.2 | 1.7 | 1.3 | 1.5 | 3.5 | 3.2 | 2.7 | 3.3 | 4.1 | 3.2 | 2.6 | 3.4 | 3.7 | 4.8 | 3.4 | 3.9 | 3.6 | 3.5 | 1.4 | 2.1 |
| 13 2320 | 0.14 | 0.001 | 2.9 | 2.5 | 1.5 | 0.9 | 0.6 | 0.6 | 1.2 | 1.5 | 2.3 | 2.6 | 3.6 | 3.7 | 3.5 | 4.8 | 3.9 | 3.6 | 4.5 | 3.1 | 3.1 | 2.0 | 2.0 | 2.1 |
| 14 220 | 0.20 | 0.003 | 1.1 | 0.4 | 1.1 | 0.4 | 0.2 | 0.3 | 0.6 | 1.2 | 1.1 | 1.8 | 1.0 | 3.6 | 7.9 | 0.7 | 0.9 | 4.5 | 2.5 | 3.8 | 2.3 | 2.1 | 3.5 | 4.5 |
| 14 520 | 0.17 | 0.002 | 1.5 | 1.6 | 2.3 | 1.5 | 0.6 | 0.6 | 0.9 | 1.4 | 1.7 | 2.4 | 9.8 | 2.8 | 4.4 | 3.4 | 1.2 | 3.5 | 3.2 | 4.0 | 3.6 | 3.7 | 6.0 | 7.6 |
| 14 820 | 0.21 | 0.003 | 0.8 | 0.6 | 0.7 | 0.3 | 0.3 | 0.3 | 0.9 | 0.8 | 1.3 | 6.4 | 18.1 | 8.7 | 5.3 | 7.5 | 7.1 | 5.3 | 3.3 | 3.1 | 2.8 | 5.0 | 3.2 | 2.7 |
| 14 1120 | 0.17 | 0.002 | 0.9 | 0.5 | 1.7 | 0.4 | 0.3 | 0.3 | 0.3 | 1.4 | 5.6 | 13.3 | 10.9 | 6.7 | 9.1 | 6.6 | 4.9 | 6.0 | 3.8 | 3.9 | 1.8 | 2.0 | 0.8 | 2.1 |
| 14 1420 | 0.15 | 0.001 | 2.0 | 3.8 | 3.4 | 1.1 | 0.8 | 0.9 | 1.1 | 1.7 | 3.7 | 20.6 | 9.1 | 4.2 | 4.5 | 2.4 | 2.6 | 3.6 | 4.2 | 2.8 | 3.5 | 3.8 | 1.1 | 1.5 |
| 14 1720 | 0.14 | 0.001 | 2.0 | 3.2 | 2.7 | 1.6 | 2.1 | 1.6 | 1.9 | 2.9 | 2.5 | 4.1 | 3.4 | 4.4 | 6.0 | 8.4 | 5.6 | 3.6 | 3.1 | 3.2 | 2.4 | 1.3 | 1.3 | 1.0 |
| 14 2020 | 0.15 | 0.001 | 1.7 | 1.0 | 1.1 | 0.7 | 0.9 | 1.1 | 2.2 | 3.7 | 8.7 | 5.0 | 3.8 | 4.4 | 2.8 | 3.6 | 5.6 | 3.3 | 3.1 | 4.2 | 2.1 | 2.6 | 4.7 | 3.6 |
| 14 2320 | 0.14 | 0.001 | 2.9 | 0.8 | 0.8 | 0.7 | 0.5 | 0.5 | 0.8 | 3.2 | 6.6 | 11.2 | 4.3 | 4.0 | 5.6 | 14.4 | 8.4 | 4.1 | 2.7 | 2.6 | 3.0 | 1.3 | 2.0 | 1.7 |
| 15 220 | 0.20 | 0.003 | 0.7 | 0.5 | 1.1 | 0.6 | 0.3 | 0.4 | 0.6 | 0.7 | 0.9 | 1.1 | 1.0 | 1.3 | 2.1 | 2.6 | 3.4 | 3.2 | 4.0 | 1.4 | 3.7 | 6.5 | 6.2 | 5.0 |
| 15 520 | 0.19 | 0.002 | 1.1 | 1.0 | 2.1 | 0.6 | 0.6 | 0.4 | 0.7 | 1.5 | 2.1 | 5.3 | 1.6 | 3.5 | 2.9 | 2.5 | 2.8 | 2.0 | 2.8 | 5.1 | 10.6 | 5.4 | 5.0 | 3.8 |
| 15 1720 | 0.13 | 0.001 | 2.6 | 3.8 | 2.9 | 1.9 | 0.9 | 1.2 | 1.6 | 1.1 | 2.1 | 2.3 | 4.6 | 5.7 | 13.0 | 8.1 | 6.2 | 3.6 | 2.9 | 2.2 | 2.4 | 2.1 | 1.3 | 0.7 |
| 15 2320 | 0.31 | 0.006 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.7 | 0.6 | 0.7 | 0.7 | 2.0 | 1.8 | 2.3 | 6.2 | 8.6 | 16.8 | 11.1 | 10.4 | 7.3 | 6.6 |
| 16 220 | 0.47 | 0.014 | 0.2 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.7 | 3.2 | 8.8 | 12.8 | 19.8 | 9.9 | 10.8 | 6.5 | 4.8 | 4.2 | 3.2 |
| 16 520 | 0.38 | 0.009 | 0.2 | 0.2 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.6 | 0.7 | 1.1 | 2.7 | 9.5 | 10.0 | 22.5 | 15.7 | 8.3 | 5.1 | 4.3 | 4.0 | 3.0 | 1.9 |
| 16 820 | 0.28 | 0.005 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.5 | 0.7 | 0.4 | 0.5 | 1.3 | 2.4 | 5.2 | 8.1 | 7.6 | 11.3 | 7.4 | 14.0 | 8.1 | 5.4 |
| 16 1120 | 0.18 | 0.002 | 1.2 | 0.4 | 0.2 | 0.3 | 0.3 | 0.2 | 0.4 | 1.6 | 4.0 | 2.8 | 0.9 | 0.5 | 0.6 | 0.6 | 1.0 | 2.2 | 5.8 | 23.6 | 8.6 | 9.1 | 5.9 | 5.0 |
| 16 1720 | 0.25 | 0.004 | 1.2 | 0.7 | 0.6 | 0.6 | 0.4 | 0.7 | 0.3 | 0.4 | 0.2 | 0.4 | 0.8 | 3.9 | 5.2 | 21.2 | 26.8 | 11.9 | 5.8 | 4.7 | 2.5 | 3.2 | 2.0 | 1.8 |
| 16 2020 | 0.18 | 0.002 | 0.6 | 0.6 | 0.6 | 0.1 | 2.3 | 1.6 | 1.1 | 1.1 | 2.1 | 1.2 | 1.7 | 2.8 | 10.1 | 12.5 | 9.0 | 7.6 | 5.4 | 4.2 | 1.9 | 1.7 | 1.4 | 0.9 |
| 16 2320 | 0.29 | 0.005 | 0.3 | 0.1 | 0.1 | 0.6 | 1.4 | 0.7 | 1.2 | 2.1 | 4.7 | 13.6 | 23.2 | 21.7 | 9.8 | 6.8 | 2.5 | 2.2 | 1.2 | 1.3 | 0.7 | 0.5 | 0.3 | 0.5 |
| 17 220 | 0.29 | 0.005 | 0.4 | 0.2 | 0.3 | 0.4 | 0.1 | 0.3 | 0.4 | 0.7 | 4.6 | 6.4 | 7.7 | 20.7 | 12.0 | 11.7 | 5.6 | 3.8 | 4.8 | 3.3 | 3.5 | 2.1 | 1.4 | 0.7 |
| 17 520 | 0.26 | 0.004 | 0.6 | 1.1 | 0.7 | 2.0 | 2.2 | 1.7 | 3.2 | 15.7 | 10.3 | 11.3 | 4.1 | 7.6 | 5.9 | 4.2 | 5.6 | 5.0 | 2.7 | 3.2 | 1.7 | 1.5 | 1.6 | 1.2 |
| 17 820 | 0.40 | 0.010 | 0.1 | 0.2 | 0.3 | 1.2 | 1.4 | 5.4 | 4.0 | 4.7 | 3.0 | 7.3 | 7.2 | 13.4 | 8.9 | 6.7 | 10.8 | 4.4 | 4.3 | 2.3 | 1.8 | 1.9 | 1.4 | 2.1 |
| 17 1120 | 0.33 | 0.007 | 0.3 | 0.1 | 0.3 | 0.4 | 0.3 | 1.6 | 15.5 | 9.9 | 9.0 | 4.7 | 9.3 | 8.2 | 7.6 | 7.8 | 3.8 | 5.7 | 2.6 | 3.0 | 1.8 | 1.5 | 1.2 | 0.8 |
| 17 1420 | 0.27 | 0.004 | 0.5 | 0.1 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 4.3 | 4.6 | 11.4 | 10.5 | 15.6 | 8.4 | 11.2 | 6.5 | 7.1 | 2.4 | 2.7 | 2.5 | 1.7 | 1.5 | 1.2 |
| 17 1720 | 0.21 | 0.003 | 0.7 | 0.6 | 0.5 | 0.7 | 0.7 | 0.9 | 5.3 | 2.3 | 2.8 | 6.7 | 10.7 | 8.9 | 6.8 | 12.2 | 5.4 | 3.2 | 7.9 | 4.4 | 3.4 | 2.2 | 1.7 | 1.7 |
| 17 2020 | 0.25 | 0.004 | 0.6 | 0.3 | 0.3 | 0.7 | 0.6 | 0.8 | 1.9 | 3.5 | 3.7 | 4.6 | 8.1 | 9.6 | 10.2 | 5.8 | 5.4 | 3.6 | 2.6 | 4.1 | 3.7 | 4.1 | 4.9 | 5.8 |
| 17 2320 | 0.28 | 0.005 | 1.5 | 0.3 | 0.3 | 0.2 | 0.6 | 1.0 | 1.5 | 3.2 | 5.7 | 5.3 | 8.4 | 10.8 | 13.2 | 7.1 | 4.8 | 3.3 | 3.2 | 2.2 | 4.0 | 2.9 | 4.9 | 4.5 |
| 18 220 | 0.42 | 0.011 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.9 | 5.5 | 12.3 | 10.1 | 14.1 | 13.0 | 7.5 | 10.8 | 5.6 | 4.9 | 2.0 | 1.6 | 2.0 | 1.5 | 1.2 | 0.8 |
| 18 520 | 0.31 | 0.006 | 0.5 | 0.3 | 0.3 | 0.4 | 0.6 | 1.7 | 6.3 | 15.0 | 13.7 | 15.3 | 5.5 | 8.8 | 4.3 | 5.7 | 2.8 | 3.0 | 2.5 | 1.4 | 1.9 | 2.3 | 1.6 | 0.6 |
| 18 820 | 0.29 | 0.005 | 0.2 | 0.1 | 0.4 | 0.3 | 0.6 | 1.6 | 2.1 | 6.5 | 5.1 | 9.0 | 6.4 | 9.1 | 16.1 | 13.0 | 5.0 | 3.0 | 3.5 | 2.3 | 2.1 | 1.8 | 1.7 | 2.2 |
| 18 1120 | 0.25 | 0.004 | 0.5 | 0.1 | 0.3 | 0.2 | 0.2 | 0.3 | 1.8 | 10.8 | 5.5 | 6.7 | 14.2 | 13.2 | 5.4 | 7.9 | 8.0 | 7.8 | 3.2 | 2.5 | 1.7 | 1.7 | 1.6 | 1.2 |

HOMER ,ALASKA  GAGE 012: INNER BUOY
JUL 1984

ENERGY SPECTRUM
PERCENT ENERGY IN FREQ BANDS OF WIDTH 0.02148 HZ

BAND CENTER FREQUENCY

| DAY/TIME GMT | HS (M) | EN (M2) | 0.033 | 0.054 | 0.076 | 0.097 | 0.119 | 0.140 | 0.162 | 0.183 | 0.205 | 0.226 | 0.248 | 0.269 | 0.290 | 0.312 | 0.333 | 0.355 | 0.376 | 0.398 | 0.419 | 0.441 | 0.462 | 0.484 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 1420 | 0.21 | 0.003 | 0.5 | 0.5 | 0.7 | 0.3 | 0.2 | 0.3 | 1.3 | 4.4 | 8.2 | 5.4 | 7.4 | 12.2 | 15.5 | 7.7 | 6.0 | 5.1 | 3.2 | 2.5 | 5.0 | 2.8 | 2.6 | 1.3 |
| 18 1720 | 0.19 | 0.002 | 0.9 | 0.4 | 1.5 | 0.2 | 0.3 | 0.7 | 1.2 | 4.1 | 2.2 | 4.3 | 6.7 | 6.7 | 4.9 | 5.3 | 6.8 | 34.0 | 4.3 | 3.1 | 1.5 | 2.0 | 1.2 | 1.3 |
| 18 2020 | 0.14 | 0.001 | 1.0 | 0.5 | 3.3 | 0.7 | 1.1 | 1.4 | 3.1 | 2.1 | 4.2 | 4.4 | 2.4 | 6.5 | 6.6 | 9.0 | 7.0 | 7.0 | 6.8 | 4.2 | 4.8 | 2.2 | 1.9 | 2.1 |
| 19 220 | 0.16 | 0.002 | 3.8 | 0.5 | 0.6 | 0.4 | 0.5 | 0.4 | 0.7 | 1.3 | 1.4 | 2.2 | 4.6 | 4.8 | 17.2 | 12.8 | 8.0 | 7.1 | 6.6 | 4.2 | 3.3 | 4.6 | 1.7 | 1.8 |
| 19 520 | 0.18 | 0.002 | 1.0 | 0.3 | 1.0 | 0.4 | 0.5 | 0.7 | 1.1 | 0.7 | 1.3 | 1.5 | 1.2 | 2.5 | 1.2 | 3.6 | 4.5 | 2.3 | 5.2 | 3.4 | 3.4 | 2.3 | 2.4 | 3.8 |
| 19 820 | 0.21 | 0.003 | 0.8 | 0.3 | 0.9 | 0.3 | 0.4 | 0.6 | 0.4 | 0.3 | 0.4 | 0.4 | 0.8 | 1.8 | 1.3 | 2.6 | 3.3 | 3.7 | 3.1 | 3.6 | 1.7 | 3.8 | 2.0 | 5.9 |
| 19 1120 | 0.23 | 0.003 | 0.4 | 0.2 | 0.4 | 0.2 | 0.3 | 0.5 | 1.1 | 0.6 | 0.9 | 0.6 | 1.7 | 5.1 | 7.8 | 7.8 | 5.9 | 8.4 | 3.8 | 3.8 | 4.2 | 2.6 | 6.1 | 8.4 |
| 19 1420 | 0.22 | 0.003 | 0.4 | 0.2 | 0.5 | 0.3 | 0.1 | 0.2 | 0.8 | 0.4 | 1.2 | 1.6 | 4.6 | 14.3 | 9.8 | 12.7 | 9.7 | 6.5 | 5.5 | 5.2 | 2.6 | 2.7 | 1.5 | 1.4 |
| 19 2020 | 0.16 | 0.001 | 1.3 | 0.7 | 1.3 | 0.8 | 0.5 | 1.0 | 1.1 | 2.7 | 3.2 | 3.6 | 2.8 | 3.8 | 5.3 | 6.7 | 5.8 | 9.9 | 2.8 | 5.4 | 2.6 | 3.4 | 2.7 | 3.4 |
| 19 2320 | 0.34 | 0.007 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 1.8 | 2.0 | 1.8 | 2.6 | 8.4 | 8.8 | 13.0 | 11.7 | 4.1 | 7.9 | 4.8 | 3.3 | 3.1 | 2.3 | 3.1 |
| 20 220 | 0.53 | 0.018 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.6 | 6.0 | 6.1 | 10.0 | 13.4 | 11.0 | 9.9 | 9.5 | 7.9 | 3.9 | 4.0 | 2.0 | 2.6 | 2.2 | 2.3 |
| 20 520 | 0.37 | 0.009 | 0.2 | 0.2 | 0.5 | 0.1 | 0.1 | 0.2 | 0.5 | 1.5 | 2.0 | 4.8 | 5.3 | 13.3 | 12.4 | 19.1 | 7.8 | 8.7 | 3.7 | 2.3 | 2.8 | 3.0 | 2.5 | 2.5 |
| 20 820 | 0.35 | 0.007 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 2.5 | 6.3 | 4.0 | 3.4 | 10.6 | 11.6 | 15.4 | 11.6 | 7.8 | 6.4 | 2.0 | 4.3 | 2.6 | 2.0 | 1.5 | 0.6 |
| 20 1120 | 0.37 | 0.009 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.4 | 2.7 | 5.2 | 3.7 | 5.3 | 6.8 | 11.1 | 14.4 | 14.0 | 9.3 | 8.4 | 3.2 | 4.0 | 1.7 | 2.1 | 0.9 | 0.7 |
| 20 1420 | 0.37 | 0.009 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.2 | 0.7 | 6.3 | 6.9 | 8.4 | 9.3 | 4.1 | 8.7 | 8.2 | 7.8 | 7.0 | 7.6 | 3.5 | 4.8 | 3.0 | 1.7 | 1.7 |
| 20 1720 | 0.35 | 0.008 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | 1.3 | 3.1 | 3.9 | 12.4 | 13.9 | 16.0 | 10.7 | 12.4 | 3.0 | 3.5 | 3.0 | 2.4 | 2.5 | 1.9 | 1.4 |
| 20 2020 | 0.30 | 0.006 | 0.3 | 0.2 | 0.4 | 0.2 | 0.2 | 0.4 | 7.6 | 4.6 | 2.8 | 8.6 | 7.8 | 10.2 | 3.3 | 5.1 | 8.9 | 4.7 | 6.1 | 6.9 | 4.3 | 2.9 | 2.0 | 1.8 |
| 20 2320 | 0.27 | 0.004 | 0.3 | 0.1 | 0.2 | 0.1 | 0.2 | 0.3 | 3.4 | 4.1 | 3.9 | 3.6 | 3.1 | 5.0 | 12.1 | 8.4 | 5.7 | 3.2 | 5.9 | 7.6 | 3.3 | 6.3 | 3.9 | 3.8 |
| 21 220 | 0.34 | 0.007 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.6 | 1.1 | 5.9 | 6.5 | 4.9 | 4.8 | 3.9 | 4.4 | 6.3 | 3.9 | 6.7 | 2.8 | 3.6 | 8.0 | 7.5 | 4.3 |
| 21 520 | 0.32 | 0.007 | 0.4 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.3 | 0.7 | 1.7 | 3.3 | 6.3 | 4.4 | 11.9 | 6.2 | 5.5 | 6.1 | 6.9 | 3.8 | 5.9 | 3.5 | 2.8 | 9.1 |
| 21 820 | 0.30 | 0.006 | 0.3 | 0.1 | 0.5 | 0.1 | 0.2 | 0.1 | 0.4 | 2.8 | 5.4 | 3.1 | 6.1 | 12.1 | 11.6 | 8.1 | 8.6 | 8.6 | 5.3 | 3.1 | 3.4 | 2.2 | 3.7 | 3.3 |
| 21 1120 | 0.26 | 0.004 | 0.3 | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 | 0.3 | 3.1 | 2.7 | 2.5 | 4.9 | 10.5 | 6.9 | 12.4 | 6.0 | 7.2 | 9.0 | 3.8 | 2.7 | 3.3 | 8.2 | 5.0 |
| 21 1420 | 0.25 | 0.004 | 0.4 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.4 | 1.4 | 3.8 | 11.2 | 12.0 | 8.8 | 8.3 | 8.5 | 7.8 | 2.7 | 4.0 | 2.4 | 2.0 | 3.1 | 2.5 | 2.6 |
| 21 1720 | 0.25 | 0.004 | 0.4 | 0.2 | 0.6 | 0.3 | 0.2 | 0.2 | 0.3 | 1.3 | 2.1 | 6.4 | 14.6 | 8.4 | 9.8 | 11.8 | 7.1 | 5.3 | 6.9 | 3.5 | 2.2 | 3.0 | 1.7 | 1.7 |
| 21 2020 | 0.25 | 0.004 | 0.3 | 0.2 | 1.5 | 0.3 | 0.2 | 0.3 | 1.3 | 3.1 | 6.4 | 6.9 | 5.5 | 9.6 | 7.4 | 6.8 | 7.0 | 6.7 | 4.3 | 4.3 | 4.6 | 4.3 | 1.7 | 2.5 |
| 21 2320 | 0.39 | 0.010 | 0.3 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.6 | 2.7 | 1.3 | 2.3 | 4.8 | 7.4 | 8.0 | 5.0 | 3.9 | 6.4 | 10.6 | 9.0 | 7.3 | 8.3 | 2.5 | 5.1 |
| 22 220 | 0.37 | 0.008 | 0.3 | 0.1 | 0.2 | 0.3 | 0.1 | 0.1 | 0.5 | 3.1 | 1.8 | 8.8 | 12.1 | 6.7 | 5.1 | 8.3 | 3.4 | 4.0 | 4.0 | 5.8 | 4.6 | 4.7 | 3.2 | 2.8 |
| 22 520 | 0.45 | 0.012 | 0.2 | 0.1 | 0.2 | 0.8 | 0.1 | 0.1 | 0.2 | 0.5 | 1.1 | 1.4 | 1.4 | 2.6 | 2.4 | 7.1 | 8.3 | 16.7 | 10.3 | 10.2 | 10.1 | 4.0 | 4.8 | 3.8 |
| 22 820 | 0.32 | 0.006 | 0.2 | 0.1 | 0.9 | 1.1 | 0.2 | 0.1 | 0.3 | 1.3 | 1.1 | 2.2 | 4.0 | 3.4 | 3.0 | 3.0 | 3.1 | 5.5 | 8.8 | 11.8 | 11.3 | 6.0 | 7.6 | 4.9 |
| 22 1120 | 0.28 | 0.005 | 0.4 | 0.1 | 0.4 | 2.0 | 0.3 | 0.2 | 0.4 | 2.0 | 2.7 | 1.8 | 4.9 | 3.6 | 3.0 | 4.7 | 2.4 | 4.2 | 4.7 | 4.2 | 3.8 | 5.5 | 7.6 | 8.3 |
| 22 1420 | 0.23 | 0.003 | 0.4 | 0.2 | 1.4 | 2.9 | 0.6 | 0.3 | 1.0 | 3.1 | 8.1 | 6.5 | 7.2 | 5.8 | 8.4 | 5.3 | 4.9 | 3.8 | 3.2 | 1.4 | 2.3 | 2.3 | 3.9 | 3.0 |
| 22 1720 | 0.22 | 0.003 | 0.5 | 0.2 | 1.2 | 0.8 | 0.3 | 0.2 | 1.0 | 2.6 | 8.4 | 10.5 | 7.8 | 9.2 | 6.9 | 11.8 | 6.7 | 5.1 | 5.5 | 3.0 | 3.3 | 2.2 | 2.1 | 2.0 |
| 22 2020 | 0.18 | 0.002 | 1.3 | 0.3 | 2.1 | 6.9 | 1.3 | 1.1 | 1.0 | 3.5 | 3.2 | 6.0 | 5.6 | 4.8 | 7.4 | 8.4 | 4.8 | 5.1 | 4.6 | 3.5 | 5.3 | 3.0 | 2.8 | 2.4 |
| 22 2320 | 0.16 | 0.002 | 1.8 | 0.6 | 2.1 | 3.7 | 2.5 | 3.8 | 0.3 | 1.3 | 3.3 | 2.8 | 4.6 | 3.3 | 5.9 | 9.6 | 7.7 | 9.0 | 2.2 | 2.7 | 4.2 | 2.2 | 2.6 | 2.8 |
| 23 220 | 0.15 | 0.001 | 1.5 | 0.4 | 1.6 | 5.9 | 1.7 | 1.9 | 2.6 | 1.7 | 3.7 | 3.4 | 5.5 | 1.6 | 2.7 | 4.5 | 4.5 | 3.7 | 4.5 | 3.6 | 8.2 | 5.8 | 6.2 | 2.1 |
| 23 520 | 0.15 | 0.001 | 1.1 | 0.4 | 1.0 | 2.2 | 1.0 | 0.5 | 1.0 | 2.0 | 1.6 | 13.8 | 3.7 | 2.8 | 2.9 | 7.1 | 3.9 | 3.8 | 4.4 | 3.0 | 3.3 | 5.1 | 4.3 | 3.5 |
| 23 1420 | 0.16 | 0.001 | 2.8 | 1.6 | 0.8 | 1.8 | 1.2 | 2.3 | 2.8 | 1.8 | 3.4 | 2.8 | 1.6 | 1.8 | 1.2 | 0.6 | 2.5 | 1.7 | 3.0 | 2.4 | 3.3 | 4.0 | 4.3 | 5.5 |
| 24 220 | 0.14 | 0.001 | 1.8 | 0.8 | 1.0 | 0.9 | 1.6 | 8.3 | 4.8 | 2.6 | 2.9 | 1.2 | 2.2 | 1.1 | 2.3 | 1.7 | 2.3 | 2.2 | 2.2 | 3.1 | 2.0 | 1.9 | 1.9 | 1.4 |
| 24 520 | 0.21 | 0.003 | 0.9 | 0.5 | 0.5 | 0.6 | 0.7 | 2.8 | 1.5 | 1.9 | 3.7 | 1.7 | 1.6 | 2.7 | 4.3 | 1.2 | 1.7 | 1.8 | 3.6 | 2.1 | 10.0 | 7.0 | 13.6 | 7.3 |



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