ALASKA WAVE DATA INDEX

by

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**Alaska Wave Data Index**

**PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**
- USAE Waterways Experiment Station, Coastal Engineering Research Center, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199
- Arctic Environmental Information and Data Center, University of Alaska Anchorage, Anchorage, AK 99501

**SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)**
- US Army Corps of Engineers
- Washington, DC 20314-1000

**ABSTRACT**

An index of available wave data was compiled to aid in planning future data collection efforts. The index is presented in tables providing information on the location, schedule, and type of data collected and a point of contact for additional inquiry. All gaged sites are plotted on a series of maps by index number.
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Preface

This index was designed by the Coastal Engineering Research Center (CERC), US Army Engineer Waterways Experiment Station (WES), Vicksburg, MS, and compiled by the Arctic Environmental Information and Data Center (AEIDC), University of Alaska Anchorage. Work at WES was authorized by Headquarters, US Army Corps of Engineers (HQUSACE), under the Coastal Field Data Collection Program (CFDCP), and performed under the Field Wave Gaging Program (FWGP) Work Unit. Messrs. John H. Lockhart, Jr., John G. Housley, James E. Crews, and Robert H. Campbell were HQUSACE Technical Monitors. Mr. J. Michael Hemsley was the former CFDCP Program Manager; Ms. Carolyn M. Holmes is the present CFDCP Program Manager. Work at AEIDC was performed under Contract No. DACW39-90-M-0716. Mr. Sal V. Cuccarese was Acting Director of AEIDC at completion of the contract.

The survey of data holders and indexing of responses was performed at AEIDC by Ms. Lynn D. Leslie with the assistance of Mses. Judith A. Alward, Maureen E. Milner, and Joanne S. Grant.

General design of the index, the coding forms, and the sensor type index was by Mr. David D. McGehee, of the Prototype Measurement and Analysis Branch (PMAB), Engineering Development Division (EDD), CERC. The bulk of this report consists of the replies to the surveys and the contributions of the many respondents. The assistance of the Arctic Oil and Gas Association and its member organizations are gratefully acknowledged.

This index will provide guidance and planning assistance to the Alaska Coastal Data Collection Program (ACDCP), a cooperative program between the US Army Corps of Engineers and the Alaska Department of Transportation and Public Facilities (DOT). Mr. Mark S. Hickey was Commissioner of DOT, and Mr. Kit Duke was DOT Central Region Director. Additional coordination and input were provided by Mr. Harvey Smith, State-Wide Coastal Engineer, and Mr. Murphy O’Brian, DOT Regional Harbor Planner.
The ACDCP is operated by the US Army Engineer District, Alaska, under the direction of Mr. Carl Stormer, Chief, Hydraulics and Hydrology Division. COL Wilbut T. Gregory was the Commander and District Engineer.

The portion of this report performed at CERC was under the general supervision of Dr. James R. Houston, and Mr. Charles C. Calhoun, Jr., Chief and Assistant Chief, CERC, respectively, and administrative supervision of Mr. Thomas W. Richardson, Chief, EDD, and Mr. William L. Preslan, Chief, PMAB.

COL Larry B. Fulton, EN, was Commander and Director of WES during publication of this report. The Technical Director was Dr. Robert W. Whalin.
Introduction

The Alaska coastline extends over 40,000 miles\(^1\) and is the longest of any state in the Nation. It is constantly impacted by waves that vary widely with time and position. The ability to monitor and ultimately predict these wave conditions is of vital concern to coastal communities, offshore industries, and State and Federal agencies. In particular, the US Army Corps of Engineers is charged with designing, building, and operating coastal structures and facilities. The US Army Engineer Waterways Experiment Station, Coastal Engineering Research Center (CERC), manages the Field Wave Gaging Program (FWGP) to collect and analyze wave data in support of this mission.

Over the years, a number of other organizations have collected local wave data using a variety of methods to address their own specific interests. To facilitate planning of future Alaska gaging efforts and to ensure that existing data not be lost, the FWGP contracted with the University of Alaska Anchorage’s Arctic Environmental Information and Data Center (AEIDC) to inventory Alaska wave data and compile a single comprehensive index.

The Alaska Wave Data Index will enable users to identify and locate data for regions of concern. Cartographic representation of the data collection sites allows planners to quickly identify those sections of coastline that have been extensively monitored and those for which no measurements have been taken. This will enable FWGP planners to prioritize future studies, maximize use of existing data, and minimize costs. By combining observations with numerical hindcast models and statistical analysis, the CERC will generate reliable estimates of design wave conditions for Corps projects.

Moreover, the Alaska Wave Data Index can be considered a step toward the eventual goal of providing coastal designers with an Alaska Coastal Wave Climate Atlas. Preparation of such an atlas will entail collecting all available indexed data into a single repository and uniformly formatting it in accordance with CERC-developed wave data analysis standards and specifications. This collection would then provide the basis for both an

\[1 \text{ To convert miles (US statute) into kilometres, multiply by 1.609347.}\]
archive for public dissemination and an ongoing database. Records of a length sufficient to allow reliable statistical analysis and wave hindcast validation could yield site-specific storm frequencies, design wave conditions, and other tools for coastal engineers. These results could then be presented in tabular, graphic, and cartographic format for the entire Alaska coastline.

Every effort has been made to avoid duplication of studies by more than one contributor. Users of this index who can identify studies that were overlooked or who can fill in the gaps within individual indices are invited to share their information with AEIDC. All inquiries should be directed to:

Alaska Climate Center
Arctic Environmental Information and Date Center
707 A Street
Anchorage, AK 99501

Telephone: (907) 257-2736
FAX: (907) 276-6847
Methodology and Instructions

In January 1990, AEIDC conducted an extensive survey of all those known to or likely to have collected Alaska wave data. The packet mailed out contained information on the study's objectives and copies of the Index Coding Form (see Appendix A). Contributors were asked to fill out one form per gage no matter how many gages were under the auspices of a single study. They were also asked to provide names and addresses of additional possible sources of Alaska wave data. These leads were systematically tracked down and the information incorporated into this index. In some instances, the leads led to the actual scientist who had performed the study; in others, they led to the organization that had funded it; in still others, to the report generated.

Although a closing date was listed for inclusion in this index, the database itself is contained in an ongoing computer storage and retrieval system. It utilizes a DATAPERFECT program developed in conjunction with AEIDC's information transfer network.

This index contains 136 separate entries organized geographically according to three regional divisions: the Gulf of Alaska, the Bering Sea, and the Beaufort and Chukchi Seas (Figure 1). Sites are marked and numbered according to location. To ascertain whether wave data relevant to a project exist, scan the regional maps (Figures 2-4) for coverage and then flip to the index number of the entry as well as to those in its proximity. These detailed entries indicate the data's exact location and period of record, the location of the database, and its availability for use.
Figure 1. Location of Alaska Wave Data Study areas
Indices

Gulf of Alaska
Index #: 1

1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTC 494-2836
3. Study Name: NDBC moored buoys

4. Station: EB-02 (06991)
5. Lat: 47.00°N Long: 130.90°W Depth: (ft/m)
6. Period of Record: 05/74-09/74
7. Gage type: surface following buoy
8. Sensor type: Class: 12D/EEP platform accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 05/74-09/74
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction air temperature sea surface temperature precipitation dew point solar radiation salinity

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):

25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:
At future date:
27. Preferred Media exchange: ASC11 9-track, microfiche or hard

28. Project status: At various locations
29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys
4. Station: EB-33 (06990)
5. Lat: 58.500°N Long: 141.009°W Depth: (ft/m)
6. Period of Record: 10/74-04/75 07/75-04/76
7. Gage type: surface following buoy
8. Sensor type: Class 6N/MVXI accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 10/74-04/75 07/75-04/76
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction air temperature sea surface temperature
21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: At various locations
29. Additional collection planned:
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 3

1. **Agency:** ARCO Alaska, Inc.  
2. **Contact:** John Nauman (MMS)  
3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 008 #1  Yakutat #1  
5. **Lat:** 59.07°N  **Long:** 140.33°W  **Depth:** (ft/m)  
6. **Period of Record:** 04/83-10/83  
7. **Gage type:**  
8. **Sensor type:**  
9. **Storage:**  
10. **Sample:**  
11. **Burst sampling:**  12. **Burst Interval:**  
13. **Directional wave spectra:**  
14a. **Con. wind data:** Y  14b. **Location sensor:** on rig  
14c. **Period of record:** concurrent  
15a. **Con. current data:** Y  15b. **Location meters:** near rig  
15c. **Period of record:**  
16a. **Con. tide data:** Y  16b. **Location gauges:** near rig  
16c. **Period of record:**  
17. **Data digitized:**  **Format:**  
18. **QA/QC:**  19. **Evaluation data quality:**  
20. **Types analyses:** ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. **Data location:** Minerals Management Service  Alaska Regional Office  
949 E. 36th Ave.  Anchorage  
22. **Report published:**  23. **Report in public domain:** N  
24. **Report name(s):**

25. **Data in public domain:**  26. **Avail. to AEIDC archive:** N  
fee: restricted access:  
At future date:

27. **Preferred Media exchange:**

28. **Project status:** completed  
29. **Additional collection planned:** N

30. **Data gaps identified:**  31. **Duplication of effort:**

32. **Project needs and priorities:**  
33. **Funding agency:** ARCO Alaska, Inc.  
34. **Additional comments:** Sale Area 55 (East. Gulf of Alaska).  
Every three hours, an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 4

1. Agency: Intersea Research Corporation  P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713) 629-6600 (Marathon) or Don Collins (202) 673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

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<tr>
<td>4. Station:</td>
<td>Yakutat - 15</td>
</tr>
<tr>
<td>5. Lat:</td>
<td>59.31°N</td>
</tr>
<tr>
<td>6. Long:</td>
<td>139.57°W</td>
</tr>
<tr>
<td>7. Depth:</td>
<td>480 (ft/m) ft.</td>
</tr>
<tr>
<td>8. Period of Record:</td>
<td>09/74-05/75 06/75-05/76</td>
</tr>
<tr>
<td>9. Gage type:</td>
<td>standard wave rider buoy</td>
</tr>
<tr>
<td>10. Sensor type:</td>
<td>surface following accelerometer</td>
</tr>
<tr>
<td>11. Storage:</td>
<td>on board data logger</td>
</tr>
<tr>
<td>12. Sample:</td>
<td>continuous</td>
</tr>
<tr>
<td>13. Burst sampling:</td>
<td>N</td>
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</table>

14a. Con. wind data: Y 14b. Location sensor: NWS station at Yakutat
14c. Period of record: concurrent
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format:

20. Types analyses: significant wave height maximum wave height wave period wind speed & direction air temperature surface pressure wind duration & persistance

21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235

fee: restricted access: At future date:

27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
Index #: 5
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. Station: Yakutat - 14
5. Lat: 59.40'N Long: 139.77'W Depth: 420 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
11. Burst sampling: N
12. Burst Interval: 
13. Directional wave spectra:

14a. Con. wind data: Y
14b. Location sensor: NWS station at Yakutat
14c. Period of record: concurrent
15a. Con. current data: N
15b. Location meters:
15c. Period of record:
16a. Con. tide data: N
16b. Location gauges:
16c. Period of record:

17. Data digitized: Y
18. QA/QC: Y
19. Evaluation data quality: V
20. Types analyses: significant wave height maximum wave height wave period wind speed & direction air temperature surface pressure wind duration & persistence

21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235
22. Report published: Y
23. Report in public domain: Y

25. Data in public domain: Y
26. Avail. to AEIDC archive: Y
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOA Report 82) Microfilm copies available from CRREL.
1. Agency: Intersea Research Corporation  P.O. Box 2389  La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)
4. Station: Yakutat - 13
5. Lat: 59.37°N  Long: 140.00°W  Depth: 600 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: large wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
14a. Con. wind data: Y  14b. Location sensor: NWS station at Yakutat
14c. Period of record: concurrent
15a. Con. current data: N  15b. Location meters:
15c. Period of record:
16a. Con. tide data: N  16b. Location gauges:
16c. Period of record:
17. Data digitized: Y  Format: 
20. Types analyses: significant wave height maximum wave height wave period wind speed & direction air temperature surface pressure wind duration & persistance
25. Data in public domain: Y  26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:  31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
1. **Agency:** Intersea Research Corporation  
   P.O. Box 2389  
   La Jolla, CA  
   92037

2. **Contact:** Ken Schaudt (713)629-6600 (Marathon) or Don Collins  
   (202)673-5549 (NODC)

3. **Study Name:** Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. **Station:** Icy Bay - 12

5. **Lat:** 59.46°N  
   **Long:** 141.67°W  
   **Depth:** 582 (ft/m) ft.

6. **Period of Record:** 09/74-05/85

7. **Gage type:** standard wave rider buoy

8. **Sensor type:** surface following accelerometer

9. **Storage:** on board data logger

10. **Sample:** continuous

11. **Burst sampling:** N

12. **Burst Interval:**

13. **Directional wave spectra:**

   - 14a. Con. wind data: N  
   - 14b. Location sensor:
   - 14c. Period of record:

   - 15a. Con. current data: N  
   - 15b. Location meters:
   - 15c. Period of record:

   - 16a. Con. tide data: N  
   - 16b. Location gauges:
   - 16c. Period of record:

14. **Data digitized:** Y  
   **Format:**

15. **QA/QC:** Y  
   **Evaluation data quality:** V

16. **Types analyses:** significant wave height  
   wave period  
   maximum waves

17. **Data location:** NODC - National Oceanographic and Data Center  
   NODC/NOAA/NESDIS  
   Code O-C-21  
   1825 Connecticut Ave., NW  
   Washington, DC  
   20235

18. **Report published:** Y  
   **Report in public domain:** Y

19. **Report name(s):** Gulf of Alaska Wave and Wind Measurement Program  
   13 vols.

20. **Data in public domain:** Y  
   **Avail. to AEIDC archive:** Y

21. **Preferred Media exchange:** 9-track

22. **Project status:** completed

23. **Additional collection planned:** Y

24. **Data gaps identified:**

25. **Duplication of effort:**

26. **Funding agency:** Marathon

27. **Additional comments:** Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
Index #: 8
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)
4. Station: Icy Bay - 10
5. Lat: 59.406°N Long: 141.770°W Depth: 600 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: large wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
14a. Con. wind data: N 14b. Location sensor:
14c. Period of record:
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format:
20. Types analyses: significant wave height wave period maximum waves
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
1. Agency: Intersea Research Corporation  P.O. Box 2389  La Jolla, CA 92037
2. Contact: Ken Schaudt  (713)629-6600 (Marathon) or Don Collins  (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program  (GAWWMP)
4. Station: Icy Bay - 11
5. Lat: 59.49°N  Long: 141.81°W  Depth: 582 (ft/m) ft.
6. Period of Record: 09/74-05/75  06/75-05/76
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
11. Burst sampling: N
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: N
14b. Location sensor:
14c. Period of record:
15a. Con. current data: N
15b. Location meters:
15c. Period of record:
16a. Con. tide data: N
16b. Location gauges:
16c. Period of record:
17. Data digitized: Y
18. QA/QC: Y
19. Evaluation data quality: V
20. Types analyses: significant wave height  wave period  maximum waves
22. Report published: Y
23. Report in public domain: Y
25. Data in public domain: Y
26. Avail. to AEIDC archive: Y
fee: restricted access:
At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: N
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
Index #: 10
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0035 #1 Grizzly #1
5. Lat: 59.86°N Long: 142.02°W Depth: (ft/m)
6. Period of Record: 03/78-07/78
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

   fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: EXXON Corporation
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours, an observer would call into NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
### Index #: 11

1. **Agency:** Texaco  
   2. **Contact:** John Nauman (MMS)  
      (907)261-4181  
   3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 0032 #1  
   **Rachel #1**

5. **Lat:** 59.85°N  
   **Long:** 142.28°W  
   **Depth:** (ft/m)

6. **Period of Record:** 07/77-02/78

7. **Gage type:**
8. **Sensor type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:**  
12. **Burst Interval:**
13. **Directional wave spectra:**

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<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>14a.</td>
<td><strong>Con. wind data:</strong> Y</td>
<td>14b. <strong>Location sensor:</strong> on rig</td>
</tr>
<tr>
<td>14c.</td>
<td><strong>Period of record:</strong> concurrent</td>
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</tr>
<tr>
<td>15a.</td>
<td><strong>Con. current data:</strong> Y</td>
<td>15b. <strong>Location meters:</strong> near rig</td>
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<tr>
<td>15c.</td>
<td><strong>Period of record:</strong></td>
<td></td>
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<tr>
<td>16a.</td>
<td><strong>Con. tide data:</strong> Y</td>
<td>16b. <strong>Location gauges:</strong> near rig</td>
</tr>
<tr>
<td>16c.</td>
<td><strong>Period of record:</strong></td>
<td></td>
</tr>
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</table>

17. **Data digitized:**  
   **Format:**
18. **QA/QC:**  
   **Evaluation data quality:**
19. **Types analyses:** ice type & characteristics  
   vessel performance  
   wind speed & direction  
   gust barometric pressure  
   air temperature  
   dew point precipitation  
   flying weather  
   significant wave height  
   maximum wave height  
   wave period  
   sea direction  
   current speed  
   & direction

20. **Data location:** Minerals Management Service Alaska Regional Office  
    949 E. 36th Ave. Anchorage
21. **Report published:**  
   **Report in public domain:**
22. **Report name(s):**
23. **Data in public domain:** N  
   **Avail. to AEIDC archive:** N  
   **fee:** restricted access  
   **At future date:**
24. **Preferred Media exchange:**
25. **Project status:** completed  
   **Additional collection planned:** N
26. **Data gaps identified:**  
   **Duplication of effort:**
27. **Project needs and priorities:**
28. **Funding agency:** Texaco
29. **Additional comments:** Sale Area 39 (Gulf of Alaska). Every three hours, an observer would call into NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 12
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y0007 #1 Salome #72-1
5. Lat: 59.95°N Long: 142.39°W Depth: (ft/m)
6. Period of Record: 10/76-06/77
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours, an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #:  13
1. Agency:  Shell Western E & P
2. Contact:  John Nauman (MMS)  (907)261-4181
3. Study Name:  Alaska OCS Region Wells

4. Station:  OCS-Y 0014 #1 & #2
5. Lat:  59.88°N Long:  142.88°W Depth:  (ft/m)
6. Period of Record:  02/77-09/77
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y
   14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y
   15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y
   16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized:  Format:
18. QA/QC:  19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

25. Data in public domain: N
26. Avail. to AEIDC archive: N
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency:  Shell Western E & P
34. Additional comments:  Sale Area 39 (Gulf of Alaska). Every three hours an observer would call into to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. **Agency:** Texaco
2. **Contact:** John Nauman (MMS) (907)261-4181
3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 0046 #1
5. **Lat:** 59.77°N **Long:** 142.97°W **Depth:** (ft/m)
6. **Period of Record:** 04/77-07/77
7. **Gage type:**
8. **Sensor type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:**
   - 14a. **Con. wind data:** Y
   - 14b. **Location sensor:** on rig
   - 14c. **Period of record:** concurrent
   - 15a. **Con. current data:** Y
   - 15b. **Location meters:** near rig
   - 15c. **Period of record:**
   - 16a. **Con. tide data:** Y
   - 16b. **Location gauges:** near rig
   - 16c. **Period of record:**
17. **Data digitized:** Format:
18. **QA/QC:**
19. **Evaluation data quality:**
20. **Types analyses:** ice type & characteristics, vessel performance, wind speed & direction, gust, barometric pressure, air temperature, dew point, precipitation, flying weather, significant wave height, maximum wave height, wave period, sea direction, current speed & direction
21. **Data location:** Minerals Management Service Alaska Regional Office 949 E. 36th Ave. Anchorage
22. **Report published:**
23. **Report in public domain:**
24. **Report name(s):**
25. **Data in public domain:** N
26. **Avail. to AEIDC archive:** N
27. **Preferred Media exchange:**
28. **Project status:** completed
29. **Additional collection planned:** N
30. **Data gaps identified:**
31. **Duplication of effort:**
32. **Project needs and priorities:**
33. **Funding agency:** Texaco
34. **Additional comments:** Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 15
1. Agency: Gulf Oil Exploration (Now Chevron USA)
2. Contact: John Nauman (MMS) (907) 261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0059 #1
5. Lat: 59.67’N Long: 142.98’W Depth: (ft/m)
6. Period of Record: 05/77-08/77
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyzes: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Gulf Oil Exploration (Now Chevron USA)
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 16

1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0050 #1
5. Lat: 59.70°N Long: 143.12°W Depth: (ft/m)
6. Period of Record: 03/77-07/77
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analy ses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
22. Report published:
23. Report in public domain:
24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 17
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0072 #1
5. Lat: 59.60°N Long: 143.24°W Depth: (ft/m)
6. Period of Record: 01/78-03/78
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed direction

22. Report published:
23. Report in public domain:
24. Report name(s):

   fee: restricted access:
   At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 18
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0080 #1
5. Lat: 59.66°N Long: 144.03°W Depth: (ft/m)
6. Period of Record: 07/77-01/78
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig 14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig 15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig 16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reportint form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 19
1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells
4. Station: OCS Y 0011 1
5. Lat: 59.376°N Long: 143.300°W Depth: (ft/m)
6. Period of Record: 09/76-01/77
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
22. Report published:
23. Report in public domain:
24. Report name(s):
fee: restricted access: At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Shell Western E & P
34. Additional comments: Sale Area 39 (Gulf of Alaska). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 20
1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys
4. Station: 46001
5. Lat: 56.00°N Long: 148.00°W Depth: (ft/m)
6. Period of Record: 07/80-05/81 (1) 05/81-06/81 (2) 07/81-12/81 (3)
   01/82-06/82 (4)
7. Gage type: surface following buoy
8. Sensor type: Class 10D/GSBP accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: same as on buoy
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure (1-4) wind speed & direction (1 & 3)
   wind gust (1 & 3) air temperature (1-4) sea surface temperature (1-4)
   significant wave height (1-4) average wave period (1-4) Dominant
   wave period (1-4) wave spectra (1-4)
21. Data location: National Climate Data Center (NCDC) Federal Bldg
   Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data
   Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235
   (202)673-5549
22. Report published:
23. Report in public domain:
24. Report name(s):
   fee: restricted access:
   At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: At various locations
29. Additional collection planned:
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy,
   averaging periods, resolution & ranges available with purchase
   of data.
### Index #: 21

1. **Agency:** NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000

2. **Contact:** Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836

3. **Study Name:** NDBC moored buoys

<table>
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<tr>
<th>4. Station:</th>
<th>46001</th>
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<td>5. Lat:</td>
<td>56.000°N</td>
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<tr>
<td>Long:</td>
<td>148.006°W</td>
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<td>Depth:</td>
<td>(ft/m)</td>
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<td>6. Period of Record:</td>
<td>10/79-07/80</td>
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<tr>
<td>7. Gage type:</td>
<td>surface following buoy</td>
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<tr>
<td>8. Sensor type:</td>
<td>Class 10D/UDACS(A) accelerometer</td>
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<td>9. Storage:</td>
<td>9-track</td>
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<td>11. Burst sampling:</td>
<td></td>
</tr>
<tr>
<td>12. Burst Interval:</td>
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</tbody>
</table>

13. **Directional wave spectra:**

14a. Con. wind data: Y
14b. Location sensor: sensor on buoy
14c. Period of record: Same

15a. Con. current data: Y
15b. Location meters: Y
15c. Period of record: Same

16a. Con. tide data: Y
16b. Location gauges: Y
16c. Period of record: Same

17. **Data digitized:** Format: TD1129, TD1171, NODC file type 191
18. **QA/QC:** Evaluation data quality:
19. **Types analyses:** barometric pressure, wind speed & direction, wind gustiness, air temperature, significant wave height, average wave period, wave spectra, sea surface temperature

21. **Data location:** National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. **Report published:**
23. **Report in public domain:**
24. **Report name(s):**

25. **Data in public domain:** Y
26. **Avail. to AEIDC archive:** Y
27. **Preferred Media exchange:** ASC11 9-track, microfiche or hard
28. **Project status:** at various locations
29. **Additional collection planned:**
30. **Data gaps identified:**
31. **Duplication of effort:**

32. **Project needs and priorities:**
33. **Funding agency:** NOAA
34. **Additional comments:** Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. **Agency:** NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. **Contact:** Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. **Study Name:**

4. **Station:** 46001
5. **Lat:** 56.00°N **Long:** 148.00°W **Depth:** (ft/m)
6. **Period of Record:** 07/76-12/77 (1) 01/78-08/78 (2) 08/78-10/78 02/79-10/79 (3) 02/79-10/79
7. **Gage type:** surface following buoy
8. **Sensor type:** Class 10D/PEB accelerometer
9. **Storage:** 9-track
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:**

| 14a. | Con. wind data: Y | 14b. | Location sensor: sensor on buoy |
| 14c. | Period of record: 07/76-12/77 (1) 01/78-08/78 (2) 08/78-10/78 02/79-10/79 (3) |
| 15a. | Con. current data: |
| 15b. | Location meters: |
| 15c. | Period of record: |
| 16a. | Con. tide data: |
| 16b. | Location gauges: |
| 16c. | Period of record: |

17. **Data digitized:** Format: TD1129, TD1171, NODC file type 191
18. **QA/QC:**
19. **Evaluation data quality:**
20. **Types analyses:** barometric pressure (1-3) wind speed & direction (1-3) air temperature (1-3) sea surface temperature (1-3) significant wave height (1-3) average wave period (1-3) wave spectra (2&3) surface temperature (1&2)

21. **Data location:** National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. **Report published:**
23. **Report in public domain:**
24. **Report name(s):**

25. **Data in public domain:** Y 26. **Avail. to AEIDC archive:** Y fee: restricted access: At future date:
27. **Preferred Media exchange:** ASCII 9-track, microfiche or hard
28. **Project status:** At various locations
29. **Additional collection planned:**
30. **Data gaps identified:**
31. **Duplication of effort:**
32. **Project needs and priorities:**
33. **Funding agency:** NOAA
34. **Additional comments:** Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 23

1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601) 688-1717 or (601) 688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46001
5. Lat: 56.00°N Long: 018.00°W Depth: (ft/m)
6. Period of Record: 10/72-05/73 (1) 09/73-06/74 (2) 12/74-05/75 (3) 06/75-04/76 (4)
7. Gage type: surface following buoy
8. Sensor type: Class: 12D/EEP accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record:
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure (1-4) wind speed & direction (1-4) air temperature (1-4) sea surface temperature (1 & 2) significant wave height (3 & 4) average wave period (3 & 4) precipitation (1-4) dew point (1-4) solar radiation (1-4) salinity (1-4)
21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704) 259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202) 673-5549
24. Report name(s):
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: ASC11 9-track, microfiche or hard
28. Project status: at various locations
29. Additional collection planned:
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. Agency: NOAA/National Data Buoy Center Stennis Space Center
   Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC C-MAN

4. Station: 46001
5. Lat: 56.30°N Long: 148.30°W Depth: (ft/m)
6. Period of Record: 06/82 (1) 03/84-08/84 (2) 08/84-09/86 (3)
   10/86-11/86 (4) 12/86-present (5)
7. Gage type: surface following buoy
8. Sensor type: Class 6N/GSBP accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: same
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure (1-5) wind speed & direction
   (1-5) wind gust (1-5) air temperature (1-5) sea surface temperature
   (1,3-5) significant wave height (1-3,5) average wave period (1-3,5)
   Dominant wave period (1-3,5) wave spectra (1-3,5)

21. Data location: National Climate Data Center (NCDC) Federal Bldg
   Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data
   Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235
   (202)673-5549
24. Report name(s):

   fee: restricted access:
   At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: Ongoing
29. Additional collection planned:
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy,
   averaging periods, resolution & ranges available with purchase
   of data.
Index #: 25

1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. Station: Middleton Island - 7
5. Lat: 59.359°N Long: 146.556°W Depth: 354 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: large wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on shore at Middleton Island
   14c. Period of record: same as buoy
   15a. Con. current data: N 15b. Location meters:
   15c. Period of record:
   16a. Con. tide data: N 16b. Location gauges:
   16c. Period of record:

17. Data digitized: Y Format:
20. Types analyses: significant wave height maximum wave height wave period wind speed & direction

21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESSDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235

   fee: restricted access: At future date:
27. Preferred Media exchange: 9-track

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. Station: Middleton Island - 8
5. Lat: 59.32°N Long: 146.47°W Depth: 450 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on shore at Middleton Island
14c. Period of record: same as buoy
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format:
20. Types analyses: significant wave height maximum wave height wave period wind speed & direction

21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235

fee: restricted access: At future date:

27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
Index #: 27

1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. Station: Middleton Island - 9
5. Lat: 59.37°N Long: 146.22°W Depth: 600 (ft/m) ft.
6. Period of Record: 09/74-05/75
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:

14a. Con. wind data: Y  14b. Location sensor: on shore at Middleton Island
14c. Period of record: same as buoy
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:

20. Types analyses: significant wave height maximum wave height wave period wind speed & direction

21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235

fee: restricted access: At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:  31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
<table>
<thead>
<tr>
<th>Index #:</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Agency:</td>
<td>NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000</td>
</tr>
<tr>
<td>2. Contact:</td>
<td>Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836</td>
</tr>
<tr>
<td>3. Study Name:</td>
<td>NDBC moored buoys</td>
</tr>
</tbody>
</table>

| 4. Station: | EB-70 (06993) |
| 5. Lat: | 59.50°N |
| 6. Long: | 142.20°W |
| Depth: | (ft/m) |
| 6. Period of Record: | 08/76-09/76 (1) 02/77-09/77 (2) |
| 7. Gage type: | surface following buoy |
| 8. Sensor type: | Class: 12D/MVXII accelerometer |
| 9. Storage: | |
| 10. Sample: | |
| 11. Burst sampling: | |
| 12. Burst Interval: | |
| 13. Directional wave spectra: | |
| 14a. Con. wind data: | Y |
| 14b. Location sensor: | sensor on buoy |
| 14c. Period of record: | 08/76-09/76 (1) 02/77-09/77 (2) |
| 15a. Con. current data: | |
| 15b. Location meters: | |
| 15c. Period of record: | |
| 16a. Con. tide data: | |
| 16b. Location gauges: | |
| 16c. Period of record: | |
| 17. Data digitized: | Y |
| Format: | TD1129, TD1171, NODC file type 191 |
| 18. QA/QC: | |
| 19. Evaluation data quality: | |
| 20. Types analyses: | barometric pressure (1 & 2) Wind speed & direction (1 & 2) air temperature (1 & 2) sea surface temperature significant wave height (2) average wave period (2) |
| 21. Data location: | National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549 |
| 22. Report published: | |
| 23. Report in public domain: | |
| 24. Report name(s): | |
| 25. Data in public domain: | Y |
| 26. Avail. to AEIDC archive: | Y |
| fee: | restricted access: |
| At future date: | |
| 27. Preferred Media exchange: | ASCII 9-track, microfiche or hard |
| 28. Project status: | At various locations |
| 29. Additional collection planned: | |
| 30. Data gaps identified: | |
| 31. Duplication of effort: | |
| 32. Project needs and priorities: | |
| 33. Funding agency: | NOAA |
| 34. Additional comments: | Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data. |
1. **Agency:** NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. **Contact:** Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. **Study Name:** NDBC moored buoys

4. **Station:** EB-43 (06992)
5. **Lat:** 59.806N **Long:** 142.00°W **Depth:** (ft/m)
6. **Period of Record:** 08/76-09/76 (1) 02/77-09/77 (2)
7. **Gage type:** surface following buoy
8. **Sensor type:** Class: GN/MVXI platform accelerometer
9. **Storage:**
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:**
   14a. Con. wind data: Y
   14b. Location sensor: sensor on buoy
   14c. Period of record: 08/76-09/76 (1) 02/77-09/77 (2)
15a. Con. current data: Y
15b. Location meters:
15c. Period of record:
16a. Con. tide data: Y
16b. Location gauges:
16c. Period of record:
17. **Data digitized:** Y **Format:** TD1129, TD1171, NODC file type 191
18. **QA/QC:**
19. **Evaluation data quality:**
20. **Types analyses:** barometric pressure (1 & 2) wind speed & direction (1 & 2) air temperature (1 & 2) sea surface temperature significant wave height (2) average wave period (2)
21. **Data location:** National Climate Data Center (NCDC) Federal Bldg
   Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. **Report published:**
23. **Report in public domain:**
24. **Report name(s):**
25. **Data in public domain:** Y **Avail. to AEIDC archive:** Y
   fee: restricted access:
   At future date:
26. **Preferred Media exchange:** ASCII 9-track, microfiche or hard
27. **Project status:** At various locations
28. **Additional collection planned:**
29. **Data gaps identified:**
30. **Duplication of effort:**
31. **Project needs and priorities:**
32. **Funding agency:** NOAA
33. **Additional comments:** Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 30

1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46009
5. Lat: 60.206N Long: 146.809W Depth: (ft/m)
6. Period of Record: 09/77-09/78
7. Gage type: surface following buoy
8. Sensor type: Class 6N/MVXI accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 09/77-09/78
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction & gustiness air temperature sea surface temperature

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):

25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:
fee: At future date:
27. Preferred Media exchange: ASC11 9-track, microfiche or hard

28. Project status: at various locations
29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. Agency: NOAA/National Data Buoy Center Stennis Space Center
   Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS
   494-2836
3. Study Name: NDBC moored buoys

4. Station: 46008
5. Lat: .00°N Long: .00°W Depth: (ft/m)
6. Period of Record: 10/78-10/79
7. Gage type: surface following buoy
8. Sensor type: Class 6N/GSBP accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 10/78-10/79
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction &
gustiness air temperature sea surface temperature
21. Data location: National Climate Data Center (NCDC) Federal Bldg
   Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data
   Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235
   (202)673-5549
24. Report name(s):
   fee: restricted access:
   At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: at various locations
29. Additional collection planned:
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy,
   averaging periods, resolution & ranges available with purchase
   of data.
Index #: 32
1. Agency: U.S. Army Engineer District, Alaska P.O. Box 898
   Anchorage, AK 99506 Attn: CENPA-EN-H
2. Contact: Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. Study Name: Alaska Coastal Data Collection Program
4. Station: Shotgun Cove - Whittier, Alaska
5. Lat: 60.790°N Long: 148.559°W Depth: 58 (ft/m) M
6. Period of Record: 03/10/84-05/19/84
7. Gage type: Datawell wave buoy
8. Sensor type: accelerometer
9. Storage: magnetic tape
10. Sample: 20min/3hrs 2Hz
13. Directional wave spectra: N
14a. Con. wind data: Y 14b. Location sensor: 60.48 148.29
14c. Period of record: 03/10/84-04/30/84
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: N Format: Raw data stored on magnetic tape
20. Types analyses: Analyzed in Anchorage with spectral analysis computer programs supplied by the Coastal Engineering Research Center. Data is first edited to remove bad points, then fast fourier transformation is used to portion the wave energy to frequency bands. The dominant period is identified as the midpoint of the frequency band containing maximum wave energy. Hs is four times the square root of the variance.
21. Data location: Bldg 21-700 Elmendorf Air Force Base P.O. Box 898
   Anchorage, AK 99506
   fee: restricted access: At future date:
27. Preferred Media exchange: ASCII 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: Y 31. Duplication of effort: N
32. Project needs and priorities: Shotgun Cove study
33. Funding agency: U.S. Army Corps of Engineers
34. Additional comments: Corps paid for final data only. Raw data is with EG&G or destroyed.
Index #: 33

1. **Agency:** Marathon Oil Co.
2. **Contact:** John Nauman (MMS)  (907)261-4181
3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 0086#1
5. **Lat:** 59.00°N  **Long:** 152.16°W  **Depth:** (ft/m)
6. **Period of Record:** 07/78-12/78
7. **Gage Type:**
8. **Sensor Type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:** 12. **Burst Interval:**
13. **Directional wave spectra:**

14a. **Con. wind data:** Y  14b. **Location sensor:** on rig
14c. **Period of record:** concurrent
15a. **Con. current data:** Y  15b. **Location meters:** near rig
15c. **Period of record:**
16a. **Con. tide data:** Y  16b. **Location gauges:** near rig
16c. **Period of record:**

17. **Data digitized:**  **Format:**
18. **QA/QC:**  19. **Evaluation data quality:**
20. **Types analyses:** ice type & characteristics  vessel performance  wind speed & direction  gust  barometric pressure  air temperature  dew point  precipitation  flying weather  significant wave height  maximum wave height  wave period  sea direction  current speed & direction

21. **Data location:** Minerals Management Service  Alaska Regional Office
949 E. 36th Ave.  Anchorage
22. **Report published:**  23. **Report in public domain:**
24. **Report name(s):**

25. **Data in public domain:** N  26. **Avail. to AEIDC archive:** N
27. **Preferred Media exchange:**
28. **Project status:** completed
29. **Additional collection planned:** N

30. **Data gaps identified:**  31. **Duplication of effort:**

32. **Project needs and priorities:**
33. **Funding agency:** Marathon Oil Co.
34. **Additional comments:** Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
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<tr>
<th>Index #: 34</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Agency:</strong> U.S. Army Engineer District, Alaska P.O. Box 898 Anchorage, AK 99506 Attn: CENPA-EN-H</td>
</tr>
<tr>
<td><strong>2. Contact:</strong> Carl D. Stormer 753-2741 Ken Eisses 753-2742</td>
</tr>
<tr>
<td><strong>3. Study Name:</strong> Alaska Coastal Data Collection Program</td>
</tr>
<tr>
<td><strong>4. Station:</strong> Homer Spit Alaska (Station 1)</td>
</tr>
<tr>
<td><strong>5. Lat:</strong> 59.51'N <strong>Long:</strong> 151.95'W <strong>Depth:</strong> 76 (ft/m) M</td>
</tr>
<tr>
<td><strong>6. Period of Record:</strong> 07/12/84-07/23/84 02/07/86-11/24/87</td>
</tr>
<tr>
<td><strong>7. Gage type:</strong> Datawell wave buoy</td>
</tr>
<tr>
<td><strong>8. Sensor type:</strong> accelerometer</td>
</tr>
<tr>
<td><strong>9. Storage:</strong> magnetic tape</td>
</tr>
<tr>
<td><strong>10. Sample:</strong> 20min/3hrs 2Hz</td>
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<tr>
<td><strong>11. Burst sampling:</strong> N <strong>12. Burst Interval:</strong></td>
</tr>
<tr>
<td><strong>13. Directional wave spectra:</strong> N</td>
</tr>
<tr>
<td><strong>14a. Con. wind data:</strong> Y <strong>14b. Location sensor:</strong> Harbormasters Office</td>
</tr>
<tr>
<td><strong>14c. Period of record:</strong> 07/12/84-07/23/84 02/07/86-11/24/87</td>
</tr>
<tr>
<td><strong>15a. Con. current data:</strong> N <strong>15b. Location meters:</strong></td>
</tr>
<tr>
<td><strong>15c. Period of record:</strong></td>
</tr>
<tr>
<td><strong>16a. Con. tide data:</strong> N <strong>16b. Location gauges:</strong></td>
</tr>
<tr>
<td><strong>16c. Period of record:</strong></td>
</tr>
<tr>
<td><strong>17. Data digitized:</strong> N <strong>Format:</strong> Raw data stored on magnetic tape</td>
</tr>
<tr>
<td><strong>18. QA/QC:</strong> Y <strong>19. Evaluation data quality:</strong> V</td>
</tr>
<tr>
<td><strong>20. Types analyses:</strong> Analyzed in Anchorage with spectral analysis computer programs supplied by the Coastal Engineering Research Center. Data is first edited to remove bad points, then fast fourier transformation is used to portion the wave energy to frequency bands. The dominant period is identified as the midpoint of the frequency band containing maximum wave energy. Hs is four times the square root of the variance.</td>
</tr>
<tr>
<td><strong>21. Data location:</strong> Bldg 21-700 Elmendorf Air Force Base P.O. Box 898 Anchorage, AK 99506</td>
</tr>
<tr>
<td><strong>22. Report published:</strong> Y <strong>23. Report in public domain:</strong> Y</td>
</tr>
<tr>
<td><strong>25. Data in public domain:</strong> Y <strong>26. Avail. to AEIDC archive:</strong> Y <strong>fee:</strong> restricted access: At future date:</td>
</tr>
<tr>
<td><strong>27. Preferred Media exchange:</strong> ASCII 9 track tape cartridge</td>
</tr>
<tr>
<td><strong>28. Project status:</strong> Completed</td>
</tr>
<tr>
<td><strong>29. Additional collection planned:</strong> N</td>
</tr>
<tr>
<td><strong>30. Data gaps identified:</strong> 31. Duplication of effort:** N</td>
</tr>
<tr>
<td><strong>32. Project needs and priorities:</strong> Homer Spit study &amp; regional site</td>
</tr>
<tr>
<td><strong>33. Funding agency:</strong> U.S. Army Corps of Engineers</td>
</tr>
<tr>
<td><strong>34. Additional comments:</strong></td>
</tr>
</tbody>
</table>
**Index #: 35**

1. **Agency:** U.S. Army Engineer District, Alaska P.O. Box 898
   Anchorage, AK 99506 Attn: CENPA-EN-H

2. **Contact:** Carl D. Stormer 753-2741 Ken Eisses 753-2742

3. **Study Name:** Alaska Coastal Data Collection Program

| **4. Station:** Homer Spit Alaska (Station 2) | **5. Lat:** 59.61°N **Long:** 151.30°W **Depth:** 17 (ft/m) M |
| **6. Period of Record:** 07/12/84-07/23/84 02/07/86-11/24/87 |
| **7. Gage type:** Datawell wave buoy |
| **8. Sensor type:** accelerometer |
| **9. Storage:** magnetic tape |
| **10. Sample:** 20min/3hrs 2Hz |
| **11. Burst sampling:** N |
| **12. Burst Interval:** |
| **13. Directional wave spectra:** N |
| **14a. Con. wind data:** Y |
| **14b. Location sensor:** Harbormaster's Office |
| **14c. Period of record:** 07/12/84-07/23/84 02/07/86-11/24/87 |
| **15a. Con. current data:** N |
| **15b. Location meters:** |
| **15c. Period of record:** |
| **16a. Con. tide data:** N |
| **16b. Location gauges:** |
| **16c. Period of record:** |

| **17. Data digitized:** N **Format:** Raw data stored on magnetic tape |
| **18. QA/QC:** Y **Evaluation data quality:** V |
| **20. Types analyses:** Analyzed in Anchorage with spectral analysis computer programs supplied by the Coastal Engineering Research Center. Data is first edited to remove bad points, then fast fourier transformation is used to portion the wave energy to frequency bands. The dominant period is identified as the midpoint of the frequency band containing maximum wave energy. Hs is four times the square root of the variance. |

| **21. Data location:** Bldg 21-700 Elmendorf Air Force Base P.O. Box 898 Anchorage, AK 99506 |
| **22. Report published:** Y |
| **23. Report in public domain:** Y |

| **25. Data in public domain:** Y **26. Avail. to AEIDC archive:** Y **fee:** restricted access: At future date: |
| **27. Preferred Media exchange:** ASC11 9 track tape cartridge |

| **28. Project status:** completed |
| **29. Additional collection planned:** N |

| **30. Data gaps identified:** |
| **31. Duplication of effort:** N |

| **32. Project needs and priorities:** Homer Spit study & regional site |
| **33. Funding agency:** U.S. Army Corps of Engineers |
| **34. Additional comments:** |
Index #: 36
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0124#1 S.Arch#1
5. Lat: 59.36°N Long: 152.38°W Depth: (ft/m)
6. Period of Record: 10/78-10/78
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Phillips Petroleum Co.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 37
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0124 S.Arch#1A
5. Lat: 59.36°N Long: 152.38°W Depth: (ft/m)
6. Period of Record: 10/78-05/79
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:
17. Data digitized: Format:
18. QA/QC:
19. Evaluation data quality:
20. Types anaylses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
24. Report name(s):
   fee: restricted access: At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Phillips Petroleum Co.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. **Agency:** Intersea Research Corporation  
P.O. Box 2389  
La Jolla, CA  
92037

2. **Contact:** Ken Schaudt  
(713)629-6600 (Marathon) or Don Collins  
(202)673-5549 (NODC)

3. **Study Name:** Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. **Station:** E. Amatuli - 6  
5. **Lat:** 58.87°N  
**Long:** 151.38°W  
**Depth:** 420 (ft/m) ft.

6. **Period of Record:** 09/74-05/75

7. **Gage type:** large wave rider buoy

8. **Sensor type:** surface following accelerometer

9. **Storage:** on board data logger

10. **Sample:** continuous

11. **Burst sampling:**

12. **Burst Interval:**

13. **Directional wave spectra:**

14a. **Con. wind data:** N  
14b. **Location sensor:**
14c. **Period of record:**

15a. **Con. current data:** N  
15b. **Location meters:**  
15c. **Period of record:**

16a. **Con. tide data:** N  
16b. **Location gauges:**  
16c. **Period of record:**

17. **Data digitized:** Y  
**Format:**

18. **QA/QC:** Y  
**Evaluation data quality:** V

19. **Types analyses:** significant wave height  
wave period  
storm events  
maximum wave heights

20. **Data location:** NODC - National Oceanographic and Data Center  
NODC/NOAA/NESDIS  
Code O-C-21  
1825 Connecticut Ave., NW  
Washington, DC  
20235

22. **Report published:** Y  
23. **Report in public domain:** Y  
24. **Report name(s):** Gulf of Alaska Wave and Wind Measurement Program  
13 vols.

25. **Data in public domain:** Y  
26. **Avail. to AEIDC archive:** Y  
**fee:** restricted access:  
At future date:

27. **Preferred Media exchange:** 9-track

28. **Project status:** completed

29. **Additional collection planned:** N

30. **Data gaps identified:**

31. **Duplication of effort:**

32. **Project needs and priorities:**

33. **Funding agency:** Marathon

34. **Additional comments:** Data and reports of this project were deposited with NODC in April 1985.  
AEIDC currently houses the  
13 volume report (AOGA Report 82)  
Microfilm copies available from CRREL.
1. **Agency**: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. **Contact**: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. **Study Name**: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. **Station**: E. Amatuli - 5
5. **Lat**: 58.77°N **Long**: 151.27°W **Depth**: 432 (ft/m) ft.
6. **Period of Record**: 09/74-05/75 06/75-05/76
7. **Gage type**: large wave rider buoy
8. **Sensor type**: surface following accelerometer
9. **Storage**: on board data logger
10. **Sample**: continuous
11. **Burst sampling**: N 12. **Burst Interval**:
13. **Directional wave spectra**:

   14a. Con. wind data: N 14b. Location sensor: 
   14c. Period of record: 
   15a. Con. current data: N 15b. Location meters: 
   15c. Period of record: 
   16a. Con. tide data: N 16b. Location gauges: 
   16c. Period of record: 

17. **Data digitized**: Y **Format**: 
18. **QA/QC**: Y 19. **Evaluation data quality**: V 
20. **Types analyses**: significant wave height wave period storm events maximum wave heights

21. **Data location**: NODC - National Oceanographic and Data Center 
   NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235

25. **Data in public domain**: Y 26. **Avail. to AEIDC archive**: Y 
   fee: restricted access: At future date:
27. **Preferred Media exchange**: 9-track
28. **Project status**: completed
29. **Additional collection planned**: N
30. **Data gaps identified**: 31. **Duplication of effort**: 

32. **Project needs and priorities**: 
33. **Funding agency**: Marathon
34. **Additional comments**: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
Index #: 40

1. Agency: Intersea Research Corporation  P.O. Box 2389  La Jolla, CA 92037
2. Contact: Ken Schaudt (713) 629-6600  (Marathon) or Don Collins  (202) 673-5549  (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program  (GAWWMP)

4. Station: E. Amatuli - 4
5. Lat: 58.83°N  Long: 151.58°W  Depth: 402 (ft/m) ft.
6. Period of Record: 09/74-05/75  06/75-05/76
7. Gage type: large wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
14a. Con. wind data: N  14b. Location sensor:
14c. Period of record:
15a. Con. current data: N  15b. Location meters:
15c. Period of record:
16a. Con. tide data: N  16b. Location gauges:
16c. Period of record:
17. Data digitized: Y  Format: 
20. Types analysis: significant wave height  wave period  storm events
maximum wave heights
21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESSDIS  Code O-C-21  1825 Connecticut Ave., NW Washington, DC
20235
24. Report name(s): Gulf of Alaska Wave and Wind Measurement Program
13 vols.
fee: restricted access:
At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:  31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were
deposited with NODC in April 1985. AEIDC currently houses the
13 volume report (AOGA Report 82)  Microfilm copies available
from CRREL.
**Index #: 41**

1. **Agency:** Phillips Petroleum Co.
2. **Contact:** John Nauman (MMS) (907)261-4181
3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 0152#1 Bowhead#1
5. **Lat:** 59.03°N **Long:** 152.84°W **Depth:** (ft/m)
6. **Period of Record:** 09/79-04/80
7. **Gage type:**
8. **Sensor type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:**

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<th>14a. Con. wind data:</th>
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<tr>
<td>14b. Location sensor:</td>
<td>on rig</td>
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<tr>
<td>14c. Period of record:</td>
<td>concurrent</td>
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</table>

<table>
<thead>
<tr>
<th>15a. Con. current data:</th>
<th>Y</th>
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<tbody>
<tr>
<td>15b. Location meters:</td>
<td>near rig</td>
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<tr>
<td>15c. Period of record:</td>
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<thead>
<tr>
<th>16a. Con. tide data:</th>
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<tbody>
<tr>
<td>16b. Location gauges:</td>
<td>near rig</td>
</tr>
<tr>
<td>16c. Period of record:</td>
<td></td>
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17. **Data digitized:**
18. **QA/QC:**
19. **Evaluation data quality:**
20. **Types anaylses:** ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. **Data location:** Minerals Management Service Alaska Regional Office 949 E. 36th Ave. Anchorage
22. **Report published:**
23. **Report in public domain:**
24. **Report name(s):**

25. **Data in public domain:** N
26. **Avail. to AEIDC archive:** N
27. **Preferred Media exchange:**
28. **Project status:** completed
29. **Additional collection planned:** N

30. **Data gaps identified:**
31. **Duplication of effort:**

32. **Project needs and priorities:**
33. **Funding agency:** Phillips Petroleum Co.
34. **Additional comments:** Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
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<thead>
<tr>
<th>Index #:</th>
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<tbody>
<tr>
<td>1. Agency:</td>
<td>Marathon Oil Co.</td>
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<tr>
<td>2. Contact: John Nauman (MMS)</td>
<td>(907)261-4181</td>
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<tr>
<td>3. Study Name: Alaska OCS Region Wells</td>
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<tr>
<td>4. Station: OCS-Y 0168#2</td>
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<td>5. Lat: 58.98°N Long: 152.91°W Depth:</td>
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<td>8. Sensor type:</td>
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<td>9. Storage:</td>
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<td>10. Sample:</td>
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<tr>
<td>11. Burst sampling:</td>
<td>12. Burst Interval:</td>
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<tr>
<td>13. Directional wave spectra:</td>
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<td>14a. Con. wind data: Y</td>
<td>14b. Location sensor: on rig</td>
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<tr>
<td>14c. Period of record: concurrent</td>
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<tr>
<td>15a. Con. current data: Y</td>
<td>15b. Location meters: near rig</td>
</tr>
<tr>
<td>15c. Period of record:</td>
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<td>16a. Con. tide data: Y</td>
<td>16b. Location gauges: near rig</td>
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<td>16c. Period of record:</td>
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<td>17. Data digitized:</td>
<td>Format:</td>
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<td>18. QA/QC:</td>
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<td>19. Evaluation data quality:</td>
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<td>20. Types analyses: ice type &amp; characteristics vessel performance wind speed &amp; direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed &amp; direction</td>
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<td>32. Project needs and priorities:</td>
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<tr>
<td>33. Funding agency: Marathon Oil Co.</td>
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<tr>
<td>34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.</td>
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</table>
Index #: 43
1. Agency: Marathon Oil Co.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0168#1
5. Lat: 58.986°N Long: 152.91°W Depth: (ft/m)
6. Period of Record: 01/79-08/79
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):
25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon Oil Co.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46007
5. Lat: 39.20°N Long: 152.70°W Depth: (ft/m)
6. Period of Record: 06/77-09/77 (1) 03/78-06/78 (2) 08/78-06/79 (2)
7. Gage type: surface following buoy
8. Sensor type: Class 6N/MVXI accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 06/77-09/77 03/78-06/78 08/78-06/79
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure (1 & 2) wind speed & direction & gustiness (1 & 2) air temperature (1 & 2) sea surface temperature (1 & 2) significant wave height (1) average wave period (1)

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. Report published:
23. Report in public domain:
24. Report name(s):

25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:
At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard

28. Project status: at various locations
29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: BEDE#1
5. Lat: 59.226°N Long: 152.54°W Depth: (ft/m)
6. Period of Record: 05/79-09/79
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Phillips Petroleum Co.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 46
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0161#1 Hawk#1
5. Lat: 59.48°N Long: 153.03°W Depth: (ft/m)
6. Period of Record: 07/79-01/80
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

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<tr>
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<td>Location sensor: on rig</td>
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<td>15a.</td>
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<td>15b.</td>
<td>Location meters: near rig</td>
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<td>Period of record:</td>
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<td>16a.</td>
<td>Con. tide data: Y</td>
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<td>16b.</td>
<td>Location gauges: near rig</td>
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<td>16c.</td>
<td>Period of record:</td>
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17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access:
At future date:
27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: ARCO Alaska Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0113#1 IBIS#1
5. Lat: 59.41°N Long: 152.68°W Depth: (ft/m)
6. Period of Record: 05/80-06/80
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

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<tr>
<th>14a. Con. wind data: Y</th>
<th>14b. Location sensor: on rig</th>
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<tr>
<td>14c. Period of record: concurrent</td>
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<td>15a. Con. current data: Y</td>
<td>15b. Location meters: near rig</td>
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<td>15c. Period of record:</td>
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<td>16a. Con. tide data: Y</td>
<td>16b. Location gauges: near rig</td>
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<td>16c. Period of record:</td>
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20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. **Agency:** ARCO Alaska Inc.  
2. **Contact:** John Nauman (MMS) (907)261-4181  
3. **Study Name:** Alaska OCS Region Wells

| **Index #:** 48 |
| **1. Station:** OCS-Y 0097#1 Raven#1  |
| **2. Lat:** 59.60°N  |
| **3. Long:** 152.58°W  |
| **4. Depth:** (ft/m)  |
| **5. Period of Record:** 04/80-05/80  |
| **6. Gage type:**  |
| **7. Sensor type:**  |
| **8. Storage:**  |
| **9. Sample:**  |
| **10. Burst sampling:**  |
| **11. Burst Interval:**  |
| **12. Directional wave spectra:**  |

- **13a.** Con. wind data: Y  
- **13b.** Location sensor: on rig  
- **13c.** Period of record: concurrent  
- **14a.** Con. current data: Y  
- **14b.** Location meters: near rig  
- **14c.** Period of record:  
- **15a.** Con. tide data: Y  
- **15b.** Location gauges: near rig  
- **15c.** Period of record:  
- **16a.** Con. wave data: Y  
- **16b.** Location gauges: near rig  
- **16c.** Period of record:  

| **17. Data digitized:**  |
| **18. QA/QC:**  |
| **19. Evaluation data quality:**  |

**Types analyses:** ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

| **20. Data location:** Minerals Management Service Alaska Regional Office  |
| **21. Data location:** 949 E. 36th Ave. Anchorage  |
| **22. Report published:**  |
| **23. Report in public domain:**  |
| **24. Report name(s):**  |

**25. Data in public domain:** N  
**26. Avail. to AEIDC archive:** N  
**27. Preferred Media exchange:**  
**28. Project status:** completed  
**29. Additional collection planned:** N  

**30. Data gaps identified:**  
**31. Duplication of effort:**  

**32. Project needs and priorities:**  
**33. Funding agency:** ARCO Alaska, Inc.  
**34. Additional comments:** Sale Area LCI (Lower Cook Inlet). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: Chevron USA, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0243#1 Falcon#1
5. Lat: 59.78°N Long: 152.60°W Depth: (ft/m)
6. Period of Record: 09/84-11/84
7. Sensor type:
8. Storage:
9. Sample:
10. Burst sampling:
11. Burst Interval:
12. Burst sampling:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized:
18. QA/QC:
19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
22. Report published:
23. Report in public domain:
24. Report name(s):
25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Chevron USA, Inc.
34. Additional comments: Sale Area 60 (Lower Cook Inlet/Shelikof Strait). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
<table>
<thead>
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<th>50</th>
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<tbody>
<tr>
<td>1. Agency:</td>
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<td>2. Contact:</td>
<td>John Nauman (MMS) (907)261-4181</td>
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<td>3. Study Name:</td>
<td>Alaska OCS Region Wells</td>
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<td>20. Types analyses:</td>
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Index #: 51
1. Agency: Chevron USA, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0248#1 Cardinal#1A
5. Lat: 58.34°N Long: 153.54°W Depth: (ft/m)
6. Period of Record: 12/84/03/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind
speed & direction gust barometric pressure air temperature dew point
precipitation flying weather significant wave height maximum wave
height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Chevron USA, Inc.
34. Additional comments: Sale Area 60 (Lower Cook Inlet/Shelikof
Strait). Every three hours an observer would call in to NWS on
MMS reporting form forecast info. Practical performance data
which are considered confidential submitted separately to MMS.
Index #: 52
1. Agency: Alaska Dept. of Transportation & Public Facilities P.O. 196900 Anchorage, AK 99519-6900
2. Contact: Harvy Smith (907)338-2121
3. Study Name: Saint Herman Harbor Relocation Study

4. Station: Trident Basin
5. Lat: 57.77°N Long: 152.33°W Depth: (ft/m)
6. Period of Record: 09/86-04/87
7. Gage type: wave/tide staff
8. Sensor type: resistance wire
9. Storage: modem retrieval to tape
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on wave staff
14c. Period of record: concurrent
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: on wave staff
16c. Period of record:

17. Data digitized: Y Format:
20. Types analyses: wave energy spectra wind speed & direction
significant wave height tidal range swell peak period wave spectral
distribution

21. Data location: Alaska DOT/PF Design & Construction Division P.O. Box 196900 Anchorage, AK 99519-6900
24. Report name(s): Saint Herman Harbor Reclocation Study

fee: restricted access:
At future date:
27. Preferred Media exchange: IBM compatible floppy disc

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Alaska Dept. of Transportation & Public Facilities
34. Additional comments:
1. **Agency:** Alaska Dept. of Transportation & Public Facilities P.O. 196900 Anchorage, AK 99519-6900
2. **Contact:** Harvy Smith (907)338-2121
3. **Study Name:** Saint Herman Harbor Relocation Study

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<td>11. <strong>Burst sampling:</strong></td>
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1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

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<td>Data quality sampling rates, accuracy, averaging periods, resolution &amp; ranges available with purchase of data.</td>
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1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46008
5. Lat: 57.104N Long: 151.708W Depth: (ft/m)
6. Period of Record: 05/78-07/78 (1) 07/78-10/78 (2) 10/78-01/79 (3)
7. Gage type: surface following buoy
8. Sensor type: Class 6N/MVXII accelerometer
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 05/78-01/79
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure (1-3) wind speed & direction (1-3) air temperature (1-3) sea surface temperature (1-3) significant wave height (2-3) average wave period (2,3) wave spectra (1,3)

21. Data location: National Climate Data Center(NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):

fee: restricted access: At future date:
27. Preferred Media exchange: ASC11 9-track, microfiche or hard

28. Project status: at various locations
29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 56
1. Agency: U.S. Army Engineer District, Alaska P.O. Box 898
   Anchorage, AK 99506 Attn: CENPA-EN-H
2. Contact: Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. Study Name: Alaska Coastal Data Collection Program

4. Station: Kodiak, Alaska (Station 1)
5. Lat: 57.72°N Long: 152.38°W Depth: 77 (ft/m) M
6. Period of Record: 10/06/81 - 10/01/84
7. Gage type: Datawell wave buoy
8. Sensor type: accelerometer
9. Storage: magnetic tape
10. Sample: 20min/3hrs 2Hz
13. Directional wave spectra: N

14a. Con. wind data: Y 14b. Location sensor: Puffin Island
14c. Period of record: 10/06/81-10/01/84
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:

17. Data digitized: N Format: Raw data stored on magnetic tape
20. Types analysis: Analyzed in Anchorage with spectral analysis computer
   programs supplied by the Coastal Engineering Research Center. Data is
   first edited to remove bad points, then fast fourier transformation is
   used to portion the wave energy to frequency bands. The dominant period
   is identified as the midpoint of the frequency band containing maximum
   wave energy. Hs is four times the square root of the variance.

21. Data location: Bldg 21-700 Elmendorf Air Force Base P.O. Box 898
    Anchorage, AK 99506
24. Report name(s): Alaska Coastal Data Collection Program. Data
   reports 1,2,3. Reports 4,5 (Unpublished)

   fee: restricted access:
   At future date:
27. Preferred Media exchange: ASCII 9 track

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: Y 31. Duplication of effort: N

32. Project needs and priorities: Kodiak deep draft harbor study wave
33. Funding agency: State of Alaska & U.S. Army Corps of Engineers
34. Additional comments:
Index #: 57

1. Agency: U.S. Army Engineer District, Alaska P.O. Box 898 Anchorage, AK 99506 Attn: CENPA-EN-H
2. Contact: Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. Study Name: Alaska Coastal Data Collection Program

4. Station: Kodiak, Alaska (Station 2)
5. Lat: 57.76°N Long: 152.43°W Depth: 16 (ft/m) M
6. Period of Record: 10/06/81 - 10/01/84
7. Gage type: Datawell wave buoy
8. Sensor type: accelerometer
9. Storage: magnetic tape
10. Sample: 20min/3hrs 2Hz
13. Directional wave spectra: N
14a. Con. wind data: Y 14b. Location sensor: Puffin Island
14c. Period of record: 10/06/81-10/01/84
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:

17. Data digitized: N Format: Raw data stored on magnetic tape
20. Types analyses: Analyzed in Anchorage with spectral analysis computer programs supplied by the Coastal Engineering Research Center. Data is first edited to remove bad points, then fast fourier transformation is used to portion the wave energy to frequency bands. The dominant period is identified as the midpoint of the frequency band containing maximum wave energy. Hs is four times the square root of the variance.

21. Data location: Bldg 21-700 Elmendorf Air Force Base P.O. Box 898 Anchorage, AK 99506
24. Report name(s): Alaska Coastal Data Collection Program. Data reports 1,2,3. Reports 4,5 (Unpublished)

25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: ASCII 9 track

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: Y 31. Duplication of effort: N

32. Project needs and priorities: Kodiak deep draft harbor study wave
33. Funding agency: State of Alaska & U.S. Army Corps of Engineers
34. Additional comments:
1. **Agency:** U.S. Army Engineer District, Alaska P.O. Box 898 Anchorage, AK 99506 Attn: CENPA-EN-H
2. **Contact:** Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. **Study Name:** Alaska Coastal Data Collection Program

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<td><strong>13. Directional wave spectra:</strong></td>
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14a. Con. wind data: N  
14b. Location sensor:   
14c. Period of record:   
15a. Con. current data: N  
15b. Location meters:   
15c. Period of record:   
16a. Con. tide data: N  
16b. Location gauges:   
16c. Period of record:   

17. Data digitized: N  Format: Raw data stored on magnetic tape 
18. QA/QC: Y  Evaluation data quality: V

20. Types analyses: Analyzed in Anchorage with spectral analysis computer programs supplied by the Coastal Engineering Research Center. Data is first edited to remove bad points, then fast fourier transformation is used to portion the wave energy to frequency bands. The dominant period is identified as the midpoint of the frequency band containing maximum wave energy. Hs is four times the square root of the variance.

21. Data location: Bldg 21-700 Elmendorf Air Force Base P.O. Box 898 Anchorage, AK 99506
22. Report published: N  
23. Report in public domain: Y
24. Report name(s): Alaska Coastal Data Collection Program. 
   Unpublished data report 5.

25. Data in public domain: Y  
26. Avail. to AEIDC archive: Y  
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   At future date:   
27. Preferred Media exchange: cartridge reader

28. Project status: Ongoing 
29. Additional collection planned: N

30. Data gaps identified: Y  
31. Duplication of effort: N

32. Project needs and priorities: St Hermans site specific wave 
33. Funding agency: U.S. Army Corps of Engineers 
34. Additional comments:
Index #: 59
1. Agency: U.S. Army Engineer District, Alaska P.O. Box 898
   Anchorage, AK 99506 Attn: CENPA-EN-H
2. Contact: Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. Study Name: Alaska Coastal Data Collection Program
4. Station: St. Hermans Harbor, Kodiak, Alaska (Station 1)
5. Lat: 57.77°N Long: 152.42°W Depth: 22 (ft/m) M
6. Period of Record: 10/12/88-03/04/89
7. Gage type: Datawell wave buoy
8. Sensor type: accelerometer
9. Storage: magnetic tape
10. Sample: 20min/3 hrs 2Hz
13. Directional wave spectra: N
14a. Cont. wind data: N 14b. Location sensor:
14c. Period of record:
15a. Cont. current data: N 15b. Location meters:
15c. Period of record:
16a. Cont. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: N Format: Raw data stored on magnetic tape
20. Types analyses: Analyzed in Anchorage with spectral analysis computer
    programs supplied by the Coastal Engineering Research Center. Data is
    first edited to remove bad points, then fast fourier transformation is
    used to portion the wave energy to frequency bands. The dominant period
    is identified as the midpoint of the frequency band containing maximum
    wave energy. Hs is four times the square root of the variance.
21. Data location: Bldg 21-700 Elmendorf Air Force Base P.O. Box 898
    Anchorage, AK 99506
24. Report name(s): Alaska Coastal Data Collection Program.
    Unpublished data report 5.
    fee: restricted access:
    At future date:
27. Preferred Media exchange: cartridge reader
28. Project status: Ongoing
29. Additional collection planned: N
30. Data gaps identified: Y 31. Duplication of effort: N
32. Project needs and priorities: St Hermans site specific wave
33. Funding agency: U.S. Army Corps of Engineers
34. Additional comments:
Index #: 60

1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037

2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)

3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)

4. Station: Sitkinak - 3
5. Lat: 56.33°N Long: 154.00°W    Depth: 294 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
   14a. Con. wind data: Y   14b. Location sensor: shore sites at Sitkinak
   14c. Period of record: same as buoy
   15a. Con. current data: N 15b. Location meters:
   15c. Period of record:
   16a. Con. tide data: N 16b. Location gauges:
   16c. Period of record:
17. Data digitized: Y Format:
20. Types analysis: shore station air temperature & pressure significant wave height wave period maximum wave height individual storm events

   fee: restricted access:
   At future date:

27. Preferred Media exchange: 9-track

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were deposited with NODC in April 1985. AEIDC currently houses the 13 volume report (AOGA Report 82) Microfilm copies available from CRREL.
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)
4. Station: Sitkinak - 2
6. Period of Record: 09/74-05/75
7. Gage type: standard wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: shore sites atSitkinak
14c. Period of record: same as buoy
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format:
20. Types analysis: shore station air temperature & pressure significant
wave height wave period maximum wave height individual storm events
21. Data location: NODC - National Oceanographic and Data Center
NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC 20235
24. Report name(s): Gulf of Alaska Wave and Wind Measurement Program
13 vols.
fee: restricted access:
At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were
deposited with NODC in April 1985. AEIDC currently houses the
13 volume report (AOGA Report 82) Microfilm copies available
from CRREL.
Index #: 62
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Gulf of Alaska Wave and Wind Measurement Program (GAWWMP)
4. Station: Sitkinak - 1
5. Lat: 56.28°N Long: 154.43°W Depth: 288 (ft/m) ft.
6. Period of Record: 09/74-05/75 06/75-05/76
7. Gage type: large wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: shore sites at Sitkinak
14c. Period of record: same as buoy
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format:
20. Types analyses: shore station air temperature & pressure significant
   wave height wave period maximum wave height individual storm events
21. Data location: NODC - National Oceanographic and Data Center
   NODC/NOAA/NESDIS Code O-C-21 1825 Connecticut Ave., NW Washington, DC
   20235
24. Report name(s): Gulf of Alaska Wave and Wind Measurement Program
   13 vols.
   fee: restricted access:
   At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports of this project were
   deposited with NODC in April 1985. AEIDC currently houses the
   13 volume report (AOGA Report 82) Microfilm copies available
   from CRREL.
Index #: 63
1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: EB-35 (06994)
5. Lat: 55.30°N Long: 157.00°W Depth: (ft/m)
6. Period of Record: 08/76-03/77
7. Gage type: surface following buoy
8. Sensor type: Class: 6N/MVXI platform accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 08/76-03/77
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction air temperature sea surface temperature significant wave height average wave period

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status:
29. Additional collection planned:
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. Agency: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46033
5. Lat: 55.800'N Long: 159.800'W Depth: (ft/m)
6. Period of Record: 10/84-12/84 02/85-04/85
7. Gage type: surface following buoy
8. Sensor type: MAREX accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra: N

14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 10/84-12/84 02/85-04/85
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types anaylses: barometric pressure Wind speed & direction & gustiness air temperature sea surface temperature

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. Report published:
23. Report in public domain:
24. Report name(s):

      fee: restricted access:
      At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard

28. Project status: at various sites
29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
I. Agency: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000

2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836

3. Study Name: NDBC Moored Buoys

4. Station: 4603

5. Lat: 55.506°N Long: 161.609°W Depth: (ft/m)

6. Period of Record: 10/84-08/85

7. Gage type: surface following buoy

8. Sensor type: platform accelerometer

9. Storage: 9-track

10. Sample:

11. Burst sampling: N

12. Burst Interval: N

13. Directional wave spectra: N

14a. Con. wind data: Y

14b. Location sensor: sensor on buoy

14c. Period of record: 10/84-08/85

15a. Con. current data: N

15b. Location meters:

15c. Period of record:

16a. Con. tide data: N

16b. Location gauges:

16c. Period of record:

17. Data digitized: Y

18. QA/QC:

19. Evaluation data quality:

20. Types analysis: barometric pressure Wind speed & direction & gustiness air temperature

21. Data location:

National Climate Data Center (NCDC) Federal Bldg
Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549

22. Report published:

23. Report in public domain:

24. Report name(s):

25. Data in public domain: Y

26. Avail. to AEIDC archive: Y

27. Preferred Media exchange: ASC11 9-track, microfiche or hard

28. Project status: At various locations

29. Additional collection planned:

30. Data gaps identified:

31. Duplication of effort:

32. Project needs and priorities:

33. Funding agency: NOAA

34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.

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Indices

Bering Sea
Index #: 66

2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

| 4. Station: | 17 |
| Lat: | 57.88°N |
| Long: | 158.50°W |
| Depth: | 120 (ft/m) ft. |
| 6. Period of Record: | 03/70-10/70 |

| 7. Gage type: |
| 8. Sensor type: |
| 9. Storage: |
| 10. Sample: |

| 11. Burst sampling: |
| 12. Burst Interval: |

| 13. Directional wave spectra: | Y |

| 14a. Con. wind data: | Y |
| 14b. Location sensor: | NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham |
| 14c. Period of record: | 1940-1970 |

| 15a. Con. current data: | Y |
| 15b. Location meters: | modeled |
| 15c. Period of record: |

| 16a. Con. tide data: | Y |
| 16b. Location gauges: | modeled |
| 16c. Period of record: |

| 17. Data digitized: |
| 18. QA/QC: | Y |
| 19. Evaluation data quality: | V |

| 20. Types analyses: | wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents |

| 21. Data location: |
| 22. Report published: | Y |
| 23. Report in public domain: | Y |

| 25. Data in public domain: |
| 26. Avail. to AEIDC archive: |
| fee: restricted access: |
| At future date: |

| 27. Preferred Media exchange: |

| 28. Project status: | completed |
| 29. Additional collection planned: | N |

| 30. Data gaps identified: |
| 31. Duplication of effort: |

| 32. Project needs and priorities: |
| 33. Funding agency: | Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO. |
| 34. Additional comments: | AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report. |

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Index #: 67
   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 16
5. Lat: 57.00°N Long: 159.36°W Depth: 120 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y
14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:
17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant
   wave height percent frequency wave height/direction design wave events
   period & frequency wave climate design power spectrum directional
   energy spectrum tides, tidal currents
21. Data location:
   December 197
25. Data in public domain: 26. Avail. to AEIDC archive:
   fee: restricted access: At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities
   Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.

Extensive analysis of wave climatology is provided in the report.
1. **Agency**: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000

2. **Contact**: Eric Meindl (601) 688-1717 or (601) 688-2836 or FTS 494-2836

3. **Study Name**: NDBC Moored Buoys

4. **Station**: 46021

5. **Lat**: 57.70°N **Long**: 160.00°W **Depth**: (ft/m)

6. **Period of Record**: 09/82-10/82 10/82-11/82

7. **Gage type**: surface following buoy

8. **Sensor type**: MAREX accelerometer

9. **Storage**: 9-track

10. **Sample**:

11. **Burst sampling**: 12. **Burst Interval**:

13. **Directional wave spectra**: N

14a. **Con. wind data**: Y 14b. **Location sensor**: sensor on buoy

14c. **Period of record**: 09/82-10/82 10/82-11/82

15a. **Con. current data**: N 15b. **Location meters**:

15c. **Period of record**:

16a. **Con. tide data**: N 16b. **Location gauges**:

16c. **Period of record**:

17. **Data digitized**: Y **Format**: TD1129, TD1171, NODC file type 191

18. **QA/QC**:

19. **Evaluation data quality**:

20. **Types analyses**: barometric pressure wind speed wind direction air temperature sea surface temperature

21. **Data location**: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549

22. **Report published**:

23. **Report in public domain**:

24. **Report name(s)**:

25. **Data in public domain**: Y 26. **Avail. to AEIDC archive**: Y 27. **Preferred Media exchange**: ASCII 9-track, microfiche or hard

28. **Project status**: at various locations

29. **Additional collection planned**:

30. **Data gaps identified**:

31. **Duplication of effort**:

32. **Project needs and priorities**:

33. **Funding agency**: NOAA

34. **Additional comments**: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 69

   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 15
5. Lat: 56.43°N Long: 160.43°W Depth: 120 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y
14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul
    Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:

17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant
    wave height percent frequency wave height/direction design wave events
    period & frequency wave climate design power spectrum directional
    energy spectrum tides, tidal currents

21. Data location:
   December 1977
25. Data in public domain: 26. Avail. to AEIDC archive:
   fee: restricted access:
   At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities
    Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.
Index #: 70

1. **Agency:** Ocean Science & Engineering, Inc. Ocean Science Building
   4905 Del Ray Ave. Washington, DC 20014

2. **Contact:** Theodore Chamberline (301)657-4222

3. **Study Name:** Bristol Bay Environmental Study

4. **Station:** 12
5. **Lat:** 57.20°N **Long:** 161.13°W  **Depth:** 180 (ft/m) ft.
6. **Period of Record:** 03/70-10/70
7. **Gage type:**
8. **Sensor type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:** Y
14a. **Con. wind data:** Y
14b. **Location sensor:** NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. **Period of record:** 1940-1970
15a. **Con. current data:** Y
15b. **Location meters:** modeled
15c. **Period of record:**
16a. **Con. tide data:** Y
16b. **Location gauges:** modeled
16c. **Period of record:**
17. **Data digitized:** Format:
18. **QA/QC:** Y
19. **Evaluation data quality:** V
20. **Types analysis:** wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents
21. **Data location:**
22. **Report published:** Y
23. **Report in public domain:** Y
24. **Report name(s):** Bristol Bay Environmental Report. 3 vols. December 197
25. **Data in public domain:**
26. **Avail. to AEIDC archive:**
   fee: restricted access: 
   At future date: 
27. **Preferred Media exchange:**
28. **Project status:** completed
29. **Additional collection planned:** N
30. **Data gaps identified:**
31. **Duplication of effort:**
32. **Project needs and priorities:**
33. **Funding agency:** Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. **Additional comments:** AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.

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4905 Del Ray Ave. Washington, DC 20014
Contact: Theodore Chamberline (301)657-4222
Study Name: Bristol Bay Environmental Study

Station: 11
Lat: 58.03°N Long: 160.52°W Depth: 132 (ft/m) ft.
Period of Record: 03/70-10/70
Gage type:
Sensor type:
Storage:
Sample:
Burst sampling:
Burst Interval:
Directional wave spectra:

Con. wind data: Y
Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
Period of record: 1940-1970
Con. current data: Y Location meters: modeled
Period of record:
Con. tide data: Y Location gauges: modeled
Period of record:

Data digitized:
Format:
QA/QC: Y Evaluation data quality: V
Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

Data location:
Report name(s): Bristol Bay Environmental Report. 3 vols. December 197

Data in public domain:
Avail. to AEIDC archive:
fee: restricted access:
Future date:
Preferred Media exchange:

Project status: completed
Additional collection planned: N

Data gaps identified:
Duplication of effort:

Project needs and priorities:
Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.

Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.
Index #: 72

   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 14
5. Lat: 55.91°N Long: 62.00°W Depth: 120 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y

<table>
<thead>
<tr>
<th>14a. Con. wind data: Y</th>
<th>14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham</th>
</tr>
</thead>
<tbody>
<tr>
<td>14c. Period of record: 1940-1970</td>
<td></td>
</tr>
<tr>
<td>15a. Con. current data: Y</td>
<td>15b. Location meters: modeled</td>
</tr>
<tr>
<td>15c. Period of record:</td>
<td></td>
</tr>
<tr>
<td>16a. Con. tide data: Y</td>
<td>16b. Location gauges: modeled</td>
</tr>
<tr>
<td>16c. Period of record:</td>
<td></td>
</tr>
</tbody>
</table>

17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location:

25. Data in public domain: 26. Avail. to AEIDC archive: fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.
Index #: 73
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 13
5. Lat: 55.45°N Long: 163.23°W Depth: 120 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y

14a. Cons. wind data: Y 14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham

14c. Period of record: 1940-1970
15a. Cons. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Cons. tide data: Y 16b. Location gauges: modeled
16c. Period of record:

17. Data digitized: Format:
20. Types analysis: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location:

25. Data in public domain: 26. Avail. to AEIDC archive: fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.
Index #: 74

    4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 8
5. Lat: 55.08°N Long: 164.15°W Depth: 138 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra: Y

14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul
    Island Cold Bay King Salmon Bethel
    Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:
17. Data digitized: Format:
20. Types anaylses: wave refraction wind speed & direction significant
    wave height percent frequency wave height/direction design wave events
    period & frequency wave climate design power spectrum directional
    energy spectrum tides, tidal currents

21. Data location:
    December 197
25. Data in public domain: 26. Avail. to AEIDC archive:
    fee: restricted access:
    At future date:
27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities
    Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
    Extensive analysis of wave climatology is provided in the
    report.
Index #: 75

   4905 Del Ray Ave. Washington, DC 20014

2. Contact: Theodore Chamberline (301) 657-4222

3. Study Name: Bristol Bay Environmental Study

4. Station: 9
5. Lat: 56.63°N Long: 163.85°W Depth: 240 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y

14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:

17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location:

25. Data in public domain: 26. Avail. to AEIDC archive:
fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.

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2. **Contact:** Theodore Chamberline (301)657-4222
3. **Study Name:** Bristol Bay Environmental Study

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<td>NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham</td>
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<td>14c. Period of record:</td>
<td>1940-1970</td>
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<td>15a. Con. current data:</td>
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<td>modeled</td>
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<td>1. Agency:</td>
<td>National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000</td>
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<tr>
<td>2. Contact:</td>
<td>Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836</td>
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<td>3. Study Name:</td>
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<td>7. Gage type:</td>
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<td>8. Sensor type:</td>
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<td>13. Directional wave spectra:</td>
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<td>18. QA/QC:</td>
<td>19. Evaluation data quality:</td>
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<td>National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549</td>
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<td>at various locations</td>
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<td>29. Additional collection planned:</td>
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<td>30. Data gaps identified:</td>
<td>31. Duplication of effort:</td>
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<td>32. Project needs and priorities:</td>
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<td>33. Funding agency:</td>
<td>NOAA</td>
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<tr>
<td>34. Additional comments:</td>
<td></td>
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</table>
### Index #: 78


2. **Contact:** Theodore Chamberline (301)657-4222

3. **Study Name:** Bristol Bay Environmental Study

---

**4. Station:** 7  
**5. Lat:** 54.72°N **Long:** 165.27°W **Depth:** 420 (ft/m) ft.  
**6. Period of Record:** 03/70-10/70

**7. Gage type:**  
**8. Sensor type:**  
**9. Storage:**  
**10. Sample:**  
**11. Burst sampling:**  
**12. Burst Interval:**  
**13. Directional wave spectra:** Y

---

**14a. Con. wind data:** Y  
**14b. Location sensor:** NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham

**14c. Period of record:** 1940-1970  
**15a. Con. current data:** Y  
**15b. Location meters:** modeled

**15c. Period of record:**  
**16a. Con. tide data:** Y  
**16b. Location gauges:** modeled

**16c. Period of record:**

---

**17. Data digitized:** Format:

**18. QA/QC:** Y  
**19. Evaluation data quality:** V

**20. Types analyses:** wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

---

**21. Data location:**

**22. Report published:** Y  
**23. Report in public domain:** Y


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**25. Data in public domain:**  
**26. Avail. to AEIDC archive:**  
fee: restricted access:  
At future date:

---

**27. Preferred Media exchange:**

---

**28. Project status:** completed  
**29. Additional collection planned:** N

---

**30. Data gaps identified:**

---

**31. Duplication of effort:**

---

**32. Project needs and priorities:**

---

**33. Funding agency:** Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.

**34. Additional comments:** AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.
1. **Agency:** Mobile Oil Corporation
2. **Contact:** John Nauman (MMS) (907)261-4181
3. **Study Name:** Alaska OCS Region Wells

4. **Station:** OCS-Y 0466#1 Bertha#1
5. **Lat:** 55.44°N **Long:** 165.00°W **Depth:** (ft/m)
6. **Period of Record:**
7. **Gage type:**
8. **Sensor type:**
9. **Storage:**
10. **Sample:**
11. **Burst sampling:** 12. **Burst Interval:**
13. **Directional wave spectra:**

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<tbody>
<tr>
<td>14a.</td>
<td><strong>Con. wind data:</strong> Y</td>
<td>14b. <strong>Location sensor:</strong> on rig</td>
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<td>14c.</td>
<td><strong>Period of record:</strong> concurrent</td>
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<tr>
<td>15a.</td>
<td><strong>Con. current data:</strong> Y</td>
<td>15b. <strong>Location meters:</strong> near rig</td>
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<td>15c.</td>
<td><strong>Period of record:</strong></td>
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<tr>
<td>16a.</td>
<td><strong>Con. tide data:</strong> Y</td>
<td>16b. <strong>Location gauges:</strong> near rig</td>
</tr>
<tr>
<td>16c.</td>
<td><strong>Period of record:</strong></td>
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17. **Data digitized:** Format:
18. **QA/QC:** 19. **Evaluation data quality:**
20. **Types analyzes:** ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. **Data location:** Minerals Management Service Alaska Regional Office 949 E. 36th Ave. Anchorage
22. **Report published:** 23. **Report in public domain:**
24. **Report name(s):**

25. **Data in public domain:** N 26. **Avail. to AEIDC archive:** N 27. **Preferred Media exchange:** fee: restricted access: At future date: 28. **Project status:** completed 29. **Additional collection planned:** N 30. **Data gaps identified:** 31. **Duplication of effort:**
32. **Project needs and priorities:**
33. **Funding agency:** Mobile Oil Corporation 34. **Additional comments:** Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 80
1. Agency: Intersea Research Corporation  P.O. Box 2389  La Jolla, CA 92037
2. Contact: Ken Schaudt  (713)629-6600  (Marathon) or Don Collins  (202)673-5549  (NODC)
3. Study Name: Bering Sea Oceanographic Measurement Program

4. Station: Unimak cluster
5. Lat: 55.52°N  Long: 165.68°W  Depth: 384 (ft/m) ft.
6. Period of Record: 08/76-08/78
7. Gage type: wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra: N

14a. Con. wind data: Y  14b. Location sensor: NWS St. Paul Island & St. George Island
14c. Period of record: concurrent
15a. Con. current data: N  15b. Location meters:
15c. Period of record:
16a. Con. tide data: N  16b. Location gauges:
16c. Period of record:

17. Data digitized: Y  Format:
20. Types analyses: significant wave heights  maximum wave heights  wave period  wind speed & direction  wind duration & persistence  storm events


25. Data in public domain: Y  26. Avail. to AEIDC archive: Y fee: restricted access:
   At future date:
27. Preferred Media exchange: 9-track

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:  31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports deposited with NODC in 1985. Reports on file at AEIDC (AOGA reports 85 & 86)
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<td>Agency: Shell Western E &amp; P</td>
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<tr>
<td>Contact: John Nauman (MMS) (907)261-4181</td>
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<tr>
<td>Study Name: Alaska OCS Region Wells</td>
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<td>4. Station: OCS-Y 0454#1 Fern#1</td>
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<td>5. Lat: 55.55°N Long: 166.33°W Depth: (ft/m)</td>
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<td>7. Gage type:</td>
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<td>11. Burst sampling:</td>
<td>12. Burst Interval:</td>
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<td>14a. Con. wind data: Y</td>
<td>14b. Location sensor: on rig</td>
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<td>15a. Con. current data: Y</td>
<td>15b. Location meters: near rig</td>
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<td>16a. Con. tide data: Y</td>
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<td>18. QA/QC: 19. Evaluation data quality:</td>
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<td>20. Types analyses: ice type &amp; characteristics vessel performance wind speed &amp; direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed &amp; direction</td>
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<td>31. Duplication of effort:</td>
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| 34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 82

1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

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<td>01/85-03/85</td>
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14a. Con. wind data: Y
14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y
15b. Location meters: near rig
15c. Period of record: concurrent
16a. Con. tide data: Y
16b. Location gauges: near rig
16c. Period of record: concurrent

24. Report name(s):

27. Preferred Media exchange: 
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities: Shell Western E & P
33. Funding agency: Shell Western E & P
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 83
1. Agency: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46034
5. Lat: 55.000°N Long: 163.106°W Depth: (ft/m)
6. Period of Record: 10/84-07/85
7. Gage type: surface following buoy
8. Sensor type: MAREX accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: N
12. Burst Interval: N
13. Directional wave spectra: N
14a. Continuous wind data: Y
14b. Location sensor: sensor on buoy
14c. Period of record: 10/84-07/85
15a. Continuous current data: N
15b. Location meters:
15c. Period of record:
16a. Continuous tide data: N
16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: Y Evaluation data quality:
19. Types analyses: barometric pressure Wind speed & direction &
gustiness air temperature sea surface temperature
20. Data location: National Climate Data Center (NCDC) Federal Bldg
Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data
Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235
(202)673-5549
21. Report published:
22. Report name(s):
23. Report in public domain:
24. Data in public domain: Y
25. Available to AEIDC archive: Y
26. Fee: restricted access:
At future date:
27. Preferred Media exchange: ASC11 9-track, microfiche or hard
28. Project status: at various sites
29. Additional collection planned:
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy,
averaging periods, resolution & ranges available with purchase
of data.
Index #: 84
1. Agency: Gulf Oil Exploration
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0477#1 Camelot
5. Lat: 55.17°N  Long: 166.95°W  Depth: (ft/m)
6. Period of Record: 11/84-01/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
    14a. Con. wind data: Y  14b. Location sensor: on rig
    14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
    15c. Period of record:
16a. Con. tide data: Y  16b. Location gauges: near rig
    16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types anaylses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
    949 E. 36th Ave. Anchorage
24. Report name(s):

    fee: restricted access: 
    At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Gulf Oil Exploration (Now Chevron USA)
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 85

   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

<table>
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<td>5. Lat: 55.66°N Long: 167.67°W Depth: 450 (ft/m) ft.</td>
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<td>6. Period of Record: 03/70-10/70</td>
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<td>10. Sample:</td>
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<td>11. Burst sampling:</td>
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<td>13. Directional wave spectra: Y</td>
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14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970

15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:

17. Data digitized: Format: Q
20. Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location:
25. Data in public domain: 26. Avail. to AEIDC archive:
fee: restricted access:
At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.

95
Index #: 86
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0530#1
5. Lat: 56.16°N Long: 167.15°W Depth: (ft/m)
6. Period of Record: 06/84-09/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format: 
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 87
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0527#1
5. Lat: 56.16°N Long: 167.15°W Depth: (ft/m)
6. Period of Record: 06/84-09/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyzes: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 88
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0511#1 Segula#1A
5. Lat: 56.24°N Long: 167.19°W Depth: (ft/m)
6. Period of Record: 12/84-02/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 89
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0511#1 Segula#1
5. Lat: 56.34°N Long: 167.33°W Depth: (ft/m)
6. Period of Record: 11/84-12/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

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<td>on rig</td>
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<td>14c. Period of record:</td>
<td>concurrent</td>
</tr>
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<td>15a. Con. current data:</td>
<td>Y</td>
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<tr>
<td>15b. Location meters:</td>
<td>near rig</td>
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<tr>
<td>15c. Period of record:</td>
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<tr>
<td>16a. Con. tide data:</td>
<td>Y</td>
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<td>16b. Location gauges:</td>
<td>near rig</td>
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<td>16c. Period of record:</td>
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20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

25. Data in public domain: N
26. Avail. to AEIDC archive: N
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: Intersea Research Corporation P.O. Box 2389 La Jolla, CA 92037
2. Contact: Ken Schaudt (713)629-6600 (Marathon) or Don Collins (202)673-5549 (NODC)
3. Study Name: Bering Sea Oceanographic Measurement Program
4. Station: St. George cluster
5. Lat: 56.42°N Long: 167.68°W Depth: 380 (ft/m) ft.
6. Period of Record: 08/76-08/78
7. Gage type: wave rider buoy
8. Sensor type: surface following accelerometer
9. Storage: on board data logger
10. Sample: continuous
13. Directional wave spectra: N
14a. Con. wind data: Y 14b. Location sensor: NWS St. Paul Island & St. George Island
14c. Period of record: concurrent
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format:
20. Types analysis: significant wave heights maximum wave heights wave period wind speed & direction wind duration & persistence storm events
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access: At future date:
27. Preferred Media exchange: 9-track
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Marathon
34. Additional comments: Data and reports deposited with NODC in 1985. Reports on file at AEIDC (AOGA reports 85 & 86)
Index #: 91
1. Agency: Chevron USA, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0519#1 Intrepid#1
5. Lat: 56.24°N Long: 167.70°W Depth: (ft/m)
6. Period of Record: 07/84-09/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Chevron USA, Inc.
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 92
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907) 261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0537#1 Rat#1
5. Lat: 56.08°N Long: 167.75°W Depth: (ft/m)
6. Period of Record: 08/84-10/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area 70 (St. George Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: National Data Buoy Center/NOAA  Stennis Space Center, MS 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC Moored Buoys
4. Station: 46020
5. Lat: 55.900°N Long: 168.000°W Depth: (ft/m)
6. Period of Record: 02/82-08/82 09/82-06/83
7. Gage type: surface following buoy
8. Sensor type: MAREX accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: N
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 02/82-08/82 09/82-06/83
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure wind speed wind direction air temperature sea surface temperature
21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
22. Report published:
23. Report in public domain:
24. Report name(s):
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:
At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: at various locations
29. Additional collection planned:
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 94
1. Agency: Peratrovich, Nottingham & Drage 1100 Eastlake Ave. E., #310 Seattle, WA 98109
2. Contact: Jeff Gilman (206) 624-1387
3. Study Name: St. George Harbor Leo Observations

4. Station: St. George Harbor
5. Lat: 56.61°N Long: 169.65°W Depth: (ft/m)
6. Period of Record: 1984-1987
7. Gage type: visual observation
8. Sensor type:
9. Storage:
10. Sample:
13. Directional wave spectra: N

14a. Con. wind data: Y 14b. Location sensor: same
15a. Con. current data: N 15b. Location meters:
15c. Period of record:
16a. Con. tide data: N 16b. Location gauges:
16c. Period of record:

17. Data digitized: N Format: On HP 3 1/2 in. diskettes
18. QA/QC:
19. Evaluation data quality: G
20. Types analyses:

21. Data location: PN&D 1100 East Lake Ave., E. Seattle, WA 98109
24. Report name(s): St. George Harbor Wave and Wind Observation

fee: restricted access:
At future date:
27. Preferred Media exchange: HP diskette

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: Y 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency:
34. Additional comments: These observations were performed by human observers standing on shore during the St. George Harbor construction project. Data is, therefore, subjective.
Index #: 95
   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 5
5. Lat: 56.97°N Long: 170.88°W Depth: 198 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type: 
8. Sensor type: 
9. Storage: 
10. Sample: 
11. Burst sampling: 
12. Burst Interval: 
13. Directional wave spectra: Y

14a. Con. wind data: Y
14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y
15b. Location meters: modeled
15c. Period of record: 
16a. Con. tide data: Y
16b. Location gauges: modeled
16c. Period of record: 

17. Data digitized: Format: 
18. QA/QC: Y
19. Evaluation data quality: V
20. Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location: 
22. Report published: Y
23. Report in public domain: Y
   December 1977

25. Data in public domain: 
26. Avail. to AEIDC archive: fee: restricted access: 
   At future date:

27. Preferred Media exchange: 

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 
31. Duplication of effort: 

32. Project needs and priorities: 
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.
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<td>1. Agency: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000</td>
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<tr>
<td>2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836</td>
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<tr>
<td>3. Study Name: NDBC Moored Buoys</td>
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<td>4. Station: 46019</td>
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<tr>
<td>5. Lat: 57.20°N Long: 170.30°W Depth: (ft/m)</td>
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<td>6. Period of Record: 01/82-07/83</td>
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<td>7. Gage type: surface following buoy</td>
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<td>8. Sensor type: platform accelerometer</td>
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<td>9. Storage: 9-track</td>
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<td>10. Sample:</td>
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<td>11. Burst sampling:</td>
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<td>12. Burst Interval:</td>
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<td>13. Directional wave spectra: N</td>
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<td>14a. Con. wind data: Y 14b. Location sensor: sensor on buoy</td>
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<td>15a. Con. current data: N 15b. Location meters:</td>
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<td>20. Types analyses: barometric pressure wind speed wind direction air temperature</td>
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<td>21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549</td>
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<td>23. Report in public domain:</td>
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<td>25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:</td>
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<td>27. Preferred Media exchange: ASCII 9-track, microfiche or hard</td>
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<td>28. Project status: at various locations</td>
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<td>29. Additional collection planned:</td>
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<td>30. Data gaps identified:</td>
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<td>31. Duplication of effort:</td>
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<td>32. Project needs and priorities:</td>
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<td>33. Funding agency: NOAA</td>
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<tr>
<td>34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution &amp; ranges available with purchase of data.</td>
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</table>
Index #: 97


2. Contact: Theodore Chamberline (301)657-4222

3. Study Name: Bristol Bay Environmental Study

4. Station: 1
5. Lat: 57.85°N Long: 166.30°W Depth: 216 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:

17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. Data location:

25. Data in public domain: 26. Avail. to AEIDC archive: fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.

34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.

2. **Contact:** Theodore Chamberline (301)657-4222

3. **Study Name:** Bristol Bay Environmental Study

4. **Station:** 4

5. **Lat:** 58.09°N **Long:** 172.91°W **Depth:** 348 (ft/m) ft.

6. **Period of Record:** 03/70-10/70

7. **Gage type:**

8. **Sensor type:**

9. **Storage:**

10. **Sample:**

11. **Burst sampling:**

12. **Burst Interval:**

13. **Directional wave spectra:** Y

14a. **Con. wind data:** Y 14b. **Location sensor:** NWS Stations St. Paul Island Cold Bay King Salmon Bethel Cape Newenham

14c. **Period of record:** 1940-1970

15a. **Con. current data:** Y 15b. **Location meters:** modeled

15c. **Period of record:**

16a. **Con. tide data:** Y 16b. **Location gauges:** modeled

16c. **Period of record:**

17. **Data digitized:** Format:

18. **QA/QC:** Y 19. **Evaluation data quality:** V

20. **Types analyses:** wave refraction wind speed & direction significant wave height percent frequency wave height/direction design wave events period & frequency wave climate design power spectrum directional energy spectrum tides, tidal currents

21. **Data location:**

22. **Report published:** Y 23. **Report in public domain:** Y

24. **Report name(s):** Bristol Bay Environmental Report. 3 vols. December 197

25. **Data in public domain:** 26. **Avail. to AEIDC archive:**

fee: restricted access: At future date:

27. **Preferred Media exchange:**

28. **Project status:** completed

29. **Additional collection planned:** N

30. **Data gaps identified:** 31. **Duplication of effort:**

32. **Project needs and priorities:**

33. **Funding agency:** Sun, Shell, Mobil, Exxon, CONOCO, Cities Services, Chevron, ARCO, AMOCO.

34. **Additional comments:** AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report.
1. Agency: National Data Buoy Center/NOAA Stennis Space Center, MS 39529-6000
2. Contact: Eric Meindi (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC moored buoys

4. Station: 46035
5. Lat: 57.00°N Long: 177.70°W Depth: (ft/m)
6. Period of Record: 09/85-present with gaps
7. Gage type: surface following buoy
8. Sensor type: Class 12D/GSBP 12D/DACT accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: Y
12. Burst Interval: Y
13. Directional wave spectra: Y
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: 09/85-present with gaps
15a. Con. current data: Y 15b. Location meters:
15c. Period of record: Y
16a. Con. tide data: Y 16b. Location gauges:
16c. Period of record: Y
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: Y
19. Evaluation data quality:
20. Types analysis: barometric pressure Wind speed & direction & gustiness air temperature sea surface temperature significant wave height average wave period dominant wave period wave spectra
21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):
27. Preferred Media exchange: ASC11 9-track, microfiche or hard
28. Project status: Ongoing
29. Additional collection planned:
30. Data gaps identified: Y 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 100
   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study

4. Station: 2
5. Lat: 60.00°N Long: 170.00°W Depth: 180 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y

14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul
    Island Cold Bay King Salmon Bethel
    Cape Newenham 14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:
17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant
    wave height percent frequency wave height/direction design wave events
    period & frequency wave climate design power spectrum directional
    energy spectrum tides, tidal currents

21. Data location:
   December 197
25. Data in public domain: 26. Avail. to AEIDC archive:
   fee: restricted access:
   At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities
   Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
   Extensive analysis of wave climatology is provided in the report.
Index #: 101
   4905 Del Ray Ave. Washington, DC 20014
2. Contact: Theodore Chamberline (301)657-4222
3. Study Name: Bristol Bay Environmental Study
4. Station: 3
5. Lat: 59.50°N Long: 174.58°W Depth: 372 (ft/m) ft.
6. Period of Record: 03/70-10/70
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra: Y
14a. Con. wind data: Y 14b. Location sensor: NWS Stations St. Paul
    Island Cold Bay King Salmon Bethel
    Cape Newenham
14c. Period of record: 1940-1970
15a. Con. current data: Y 15b. Location meters: modeled
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: modeled
16c. Period of record:
17. Data digitized: Format:
20. Types analyses: wave refraction wind speed & direction significant
    wave height percent frequency wave height/direction design wave events
    period & frequency wave climate design power spectrum directional
    energy spectrum tides, tidal currents
21. Data location:
   December 197
25. Data in public domain: 26. Avail. to AEIDC archive:
   fee: restricted access:
   At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Sun, Shell, Mobil, Exxon, CONOCO, Cities
    Services, Chevron, ARCO, AMOCO.
34. Additional comments: AOGA Report 1 housed at AEIDC.
    Extensive analysis of wave climatology is provided in the
    report.
Index #: 102

1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000

2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836

3. Study Name: NDBC C-MAN

4. Station: 46017 Platform EXXON

5. Lat: 60.30°N Long: 172.30°W Depth: (ft/m)

6. Period of Record: 01/82-05/82 (1) 07/82-01/83 (2) 03/83-12/88 (3)

7. Gage type: surface following buoy

8. Sensor type: platform accelerometer

9. Storage: 9-track

10. Sample:

11. Burst sampling: 12. Burst Interval:

13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: sensor on buoy

14c. Period of record: same as on buoy

15a. Con. current data: 15b. Location meters:

15c. Period of record:

16a. Con. tide data: 16b. Location gauges:

16c. Period of record:

17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191

18. QA/QC: 19. Evaluation data quality:

20. Types analyses: barometric pressure Wind speed & direction air temperature

21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549


24. Report name(s):


fee: restricted access: At future date:

27. Preferred Media exchange: ASC11 9-track, microfiche or hard

28. Project status: at various locations

29. Additional collection planned:

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:

33. Funding agency: NOAA

34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
1. Agency: AMOCO Production
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0719#1 Nancy#1
5. Lat: 59.28°N Long: 175.43°W Depth: (ft/m)
6. Period of Record: 10/85-11/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 104
1. Agency: AMOCO Production
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0707#1 Nicole#1
5. Lat: 59.59°N Long: 175.49°W Depth: (ft/m)
6. Period of Record: 06/85-08/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. **Agency:** NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000

2. **Contact:** Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836

3. **Study Name:** NDBC C-MAN

<table>
<thead>
<tr>
<th>Index #: 105</th>
</tr>
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<tbody>
<tr>
<td><strong>1.</strong> Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000</td>
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<tr>
<td><strong>2.</strong> Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836</td>
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<tr>
<td><strong>3.</strong> Study Name: NDBC C-MAN</td>
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<tr>
<td><strong>4.</strong> Station: 46018 MAREX</td>
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<tr>
<td><strong>5.</strong> Lat: 60.30°N Long: 177.00°W Depth: (ft/m)</td>
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<td><strong>6.</strong> Period of Record: 09/82-01/83 (1) 09/84-12/84 (2) 12/84-01/85 (3) 01/84-01/85 (4) 01/85; 02/85; 03/85</td>
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<tr>
<td><strong>7.</strong> Gage type: surface following buoy</td>
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<td><strong>8.</strong> Sensor type: MAREX accelerometer</td>
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<td><strong>9.</strong> Storage: 9-track</td>
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<td><strong>10.</strong> Sample:</td>
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<td><strong>11.</strong> Burst sampling:</td>
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<td><strong>12.</strong> Burst Interval:</td>
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<td><strong>13.</strong> Directional wave spectra: Y</td>
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<td><strong>14a.</strong> Con. wind data: Y</td>
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<tr>
<td><strong>14b.</strong> Location sensor: sensor on buoy</td>
</tr>
<tr>
<td><strong>14c.</strong> Period of record: 09/82-01/83 09/84-12/84 12/84-01/85 01/84-01/85 01/85; 02/85; 03/85</td>
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<tr>
<td><strong>15a.</strong> Con. current data: N</td>
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<tr>
<td><strong>15b.</strong> Location meters:</td>
</tr>
<tr>
<td><strong>15c.</strong> Period of record:</td>
</tr>
<tr>
<td><strong>16a.</strong> Con. tide data: N</td>
</tr>
<tr>
<td><strong>16b.</strong> Location gauges:</td>
</tr>
<tr>
<td><strong>16c.</strong> Period of record:</td>
</tr>
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<td><strong>17.</strong> Data digitized: Y Format: TD1129, TD1171, NODC file type 191</td>
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<td><strong>18.</strong> QA/QC: 19. Evaluation data quality:</td>
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<td><strong>20.</strong> Types analyses: barometric pressure Wind speed &amp; direction air temperature sea surface temperature</td>
</tr>
<tr>
<td><strong>21.</strong> Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, dC 20235 (202)673-5549</td>
</tr>
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<td><strong>22.</strong> Report published: 23. Report in public domain:</td>
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<tr>
<td><strong>24.</strong> Report name(s):</td>
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<td><strong>25.</strong> Data in public domain: Y 26. Avail. to AEIDC archive: Y</td>
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<tr>
<td>fee: restricted access:</td>
</tr>
<tr>
<td>At future date:</td>
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<tr>
<td><strong>27.</strong> Preferred Media exchange: ASCII 9-track, microfiche or hard</td>
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<td><strong>28.</strong> Project status: at various sites</td>
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<td><strong>29.</strong> Additional collection planned:</td>
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<td><strong>30.</strong> Data gaps identified: 31. Duplication of effort:</td>
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<tr>
<td><strong>32.</strong> Project needs and priorities:</td>
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<tr>
<td><strong>33.</strong> Funding agency: NOAA</td>
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<tr>
<td><strong>34.</strong> Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution &amp; ranges available with purchase of data.</td>
</tr>
</tbody>
</table>
Index #: 106
1. Agency: Exxon Production
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0583#1 Redwood#2
5. Lat: 60.41°N Long: 177.13°W Depth: (ft/m)
6. Period of Record: 08/85-10/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind
speed & direction gust barometric pressure air temperature dew point
precipitation flying weather significant wave height maximum wave
height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
24. Report name(s):

fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every
three hours an observer would call in to NWS on MMS reporting
form forecast info. Practical performance data which are
considered confidential submitted separately to MMS.
Index #: 107
1. Agency: AMOCO Production
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0639#1 Danielle#1
5. Lat: 60.79°N Long: 176.44°W Depth: (ft/m)
6. Period of Record: 06/85-08/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

- 14a. Con. wind data: Y
- 14b. Location sensor: on rig
- 14c. Period of record: concurrent

- 15a. Con. current data: Y
- 15b. Location meters: near rig
- 15c. Period of record:

- 16a. Con. tide data: Y
- 16b. Location gauges: near rig
- 16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types anaylses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting forms forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 108
1. Agency: AMOCO Production Company
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0371#1 SandPiper#2
5. Lat: 60.86°N Long: 177.94°W Depth: (ft/m)
6. Period of Record: 08/85-10/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: Evaluation data quality:
19. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

20. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
22. Report published:
23. Report in public domain:
24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 109
1. Agency: ARCO Alaska, Inc.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0586#1 Packard#1
5. Lat: 60.37°N Long: 177.26°W Depth: (ft/m)
6. Period of Record: 06/85-08/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

27. Preferred Media exchange:
 fee: restricted access:
 At future date:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, Inc.
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 110
1. Agency: AMOCO Production
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0673#1 Misha#1
5. Lat: 59.82°N Long: 178.29°W Depth: (ft/m)
6. Period of Record: 08/85-10/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 111
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0599#1 Redwood#1
5. Lat: 60.34°N Long: 177.26°W Depth: (ft/m)
6. Period of Record: 06/85-08/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):
fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 83 (Navarin Basin). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 112
1. Agency: NOAA/National Data Buoy Center Stennis Space Center Mississippi, MO 39529-6000
2. Contact: Eric Meindl (601)688-1717 or (601)688-2836 or FTS 494-2836
3. Study Name: NDBC C-MAN
4. Station: 46016 - Exxon Platform
5. Lat: 63.309 N Long: 170.30 W Depth: (ft/m)
6. Period of Record: 01/82-02/82 09/82-06/88
7. Gage type: surface following buoy
8. Sensor type: platform accelerometer
9. Storage: 9-track
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: sensor on buoy
14c. Period of record: same as on buoy
15a. Con. current data: 15b. Location meters:
15c. Period of record:
16a. Con. tide data: 16b. Location gauges:
16c. Period of record:
17. Data digitized: Y Format: TD1129, TD1171, NODC file type 191
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: barometric pressure Wind speed & direction air temperature
21. Data location: National Climate Data Center (NCDC) Federal Bldg Asheville, NC 28801 (704)259-0682 OR National Oceanographic Data Center (NODC) 1825 Connecticut Ave., NW Washington, DC 20235 (202)673-5549
24. Report name(s):
25. Data in public domain: Y 26. Avail. to AEIDC archive: Y fee: restricted access:
At future date:
27. Preferred Media exchange: ASCII 9-track, microfiche or hard
28. Project status: at various locations
29. Additional collection planned:
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: NOAA
34. Additional comments: Data quality sampling rates, accuracy, averaging periods, resolution & ranges available with purchase of data.
Index #: 113

1. **Agency:** U.S. Army Engineer District, Alaska P.O. Box 898 Anchorage, AK 99506 Attn: CENPA-EN-H
2. **Contact:** Carl D. Stormer 753-2741 Ken Eisses 753-2742
3. **Study Name:** Alaska Coastal Data Collection Program

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<table>
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<th></th>
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</tr>
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<tbody>
<tr>
<td><strong>4. Station:</strong> Nome, Alaska</td>
<td><strong>5. Lat:</strong> 64.50°N <strong>Long:</strong> 165.45°W <strong>Depth:</strong> 6 (ft/m) M</td>
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<td><strong>6. Period of Record:</strong> 07/17/85-08/16/85</td>
<td><strong>7. Gage type:</strong> Current meter</td>
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<td><strong>8. Sensor type:</strong> PUV electromagnetic</td>
<td><strong>9. Storage:</strong> cassette tape</td>
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<td><strong>10. Sample:</strong> Every 3 hours</td>
<td><strong>11. Burst sampling:</strong> N <strong>12. Burst Interval:</strong></td>
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<tr>
<td><strong>13. Directional wave spectra:</strong> N</td>
<td><strong>14a. Con. wind data:</strong> N <strong>14b. Location sensor:</strong></td>
</tr>
<tr>
<td><strong>14c. Period of record:</strong></td>
<td><strong>15a. Con. current data:</strong> Y <strong>15b. Location meters:</strong> Same unit</td>
</tr>
<tr>
<td><strong>15c. Period of record:</strong> 07/17/85-08/16/85</td>
<td><strong>15a. Con. current data:</strong> Y <strong>15b. Location meters:</strong> Same unit</td>
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<td><strong>16a. Con. tide data:</strong> N <strong>16b. Location gauges:</strong></td>
<td><strong>16c. Period of record:</strong></td>
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<td><strong>17. Data digitized:</strong> N <strong>Format:</strong> Cassette tape internal recorder</td>
<td><strong>18. QA/QC:</strong> Y <strong>19. Evaluation data quality:</strong> V</td>
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<td><strong>20. Types analyses:</strong> Analyzed at the Coastal Engineering Research Center and results supplied back to the Alaska District.</td>
<td><strong>21. Data location:</strong> Waterways Experiment Station P.O. Box 631 Vicksburg, MS 39180 Attn: Mike Hemsley</td>
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<td><strong>25. Data in public domain:</strong> Y <strong>26. Avail. to AEIDC archive:</strong> Y <strong>fee:</strong> restricted access: At future date:</td>
<td><strong>27. Preferred Media exchange:</strong> Sea data cassette</td>
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<tr>
<td><strong>28. Project status:</strong> Completed</td>
<td><strong>29. Additional collection planned:</strong> N</td>
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<td><strong>30. Data gaps identified:</strong> Y <strong>31. Duplication of effort:</strong> N</td>
<td><strong>32. Project needs and priorities:</strong> Nome wave climate</td>
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<td><strong>33. Funding agency:</strong> State of Alaska &amp; U.S. Corps of Engineers</td>
<td><strong>34. Additional comments:</strong></td>
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Index #: 114

1. Agency: ARCO Alaska
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0436#1
5. Lat: 64.08°N Long: 165.62°W Depth: (ft/m)
6. Period of Record: 06/84-08/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: ARCO Alaska, INC.
34. Additional comments: Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
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<td>1. Agency: Exxon Corporation</td>
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<td>2. Contact: John Nauman (MMS) (907)261-4181</td>
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<td>3. Study Name: Alaska OCS Region Wells</td>
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<td>14c. Period of record: concurrent</td>
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<td>15a. Con. current data: Y 15b. Location meters: near rig</td>
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<td>15c. Period of record:</td>
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<td>16a. Con. tide data: Y 16b. Location gauges: near rig</td>
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<td>16c. Period of record:</td>
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<td>20. Types anaylzes: ice type &amp; characteristics vessel performance wind speed &amp; direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed &amp; direction</td>
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<td>34. Additional comments: Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.</td>
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1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS)  (907)261-4181
3. Study Name: Alaska OCS Region Wells
4. Station: OCS-Y 0430#1
5. Lat: 63.51°N Long: 164.24°W Depth: (ft/m)
6. Period of Record: 07/84-08/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
22. Report published:
23. Report in public domain:
24. Report name(s):
fee: restricted access:
At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Exxon Corporation
34. Additional comments: Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: Exxon Corporation
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

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<td>16a. Con. tide data:</td>
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<td>Location gauges:</td>
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<td>33. Funding agency:</td>
<td>Exxon Corporation</td>
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| 34. Additional comments: | Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. **Agency**: Exxon Corporation
2. **Contact**: John Nauman (MMS) *(907)261-4181*
3. **Study Name**: Alaska OCS Region Wells
4. **Station**: OCS-Y 0398#1
5. **Lat**: 63.89°N  **Long**: 164.07°W  **Depth**: *(ft/m)*
6. **Period of Record**: 07/85-07/85
7. **Gage type**: 
8. **Sensor type**: 
9. **Storage**: 
10. **Sample**: 
11. **Burst sampling**: 12. **Burst Interval**: 
13. **Directional wave spectra**: 
   14a. **Con. wind data**: Y 14b. **Location sensor**: on rig
   14c. **Period of record**: concurrent
   15a. **Con. current data**: Y 15b. **Location meters**: near rig
   15c. **Period of record**: 
   16a. **Con. tide data**: Y 16b. **Location gauges**: near rig
   16c. **Period of record**: 
17. **Data digitized**: Format: 
18. **QA/QC**: 19. **Evaluation data quality**: 
20. **Types analyses**: ice type & characteristics  vessel performance  wind speed & direction  gust  barometric pressure  air temperature  dew point  precipitation  flying weather  significant wave height  maximum wave height  wave period  sea direction  current speed & direction
21. **Data location**: Minerals Management Service Alaska Regional Office 949 E. 36th Ave. Anchorage
22. **Report published**: 
23. **Report in public domain**: 
24. **Report name(s)**: 
25. **Data in public domain**: N 26. **Avail. to AEIDC archive**: N 
   **fee**: restricted access: 
   **At future date**: 
27. **Preferred Media exchange**: 
28. **Project status**: completed 
29. **Additional collection planned**: N 
30. **Data gaps identified**: 31. **Duplication of effort**: 
32. **Project needs and priorities**: 
33. **Funding agency**: Exxon Corporation 
34. **Additional comments**: Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
1. Agency: Exxon Company USA
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells
4. Station: OCS-Y 0407#1
5. Lat: 63.796*N Long: 164.43*W Depth: (ft/m)
6. Period of Record: 07/85-08/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
22. Report published:
23. Report in public domain:
24. Report name(s):
25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Exxon Company USA
34. Additional comments: Sale Area 57 (Norton Sound). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Indices

Beaufort and Chukchi Seas
Index #: 120
1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 1482#1 Klondike#1
5. Lat: 70.71°N Long: 165.25°W Depth: (ft/m)
6. Period of Record: 07/89-09/89
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

| 14a. | Con. wind data: Y |
| 14b. | Location sensor: on rig |
| 14c. | Period of record: concurrent |
| 15a. | Con. current data: Y |
| 15b. | Location meters: near rig |
| 15c. | Period of record: |
| 16a. | Con. tide data: Y |
| 16b. | Location gauges: near rig |
| 16c. | Period of record: |

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

   fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Shell Western E & P
34. Additional comments: Sale Area 109 (Chukchi Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 121
1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 1275 Popcorn
5. Lat: 71.85°N Long: 165.81°W Depth: (ft/m)
6. Period of Record: 10/89-10/89
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Shell Western E & P
34. Additional comments: Sale Area 109 (Chukchi Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 122

1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

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<td>Location sensor: on rig</td>
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<td>Location meters: near rig</td>
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<td>Period of record:</td>
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17. Data digitized: Format: 
18. QA/QC: Evaluation data quality: 
19. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction 
24. Report name(s): 
25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date: 
27. Preferred Media exchange: 
28. Project status: completed 
29. Additional collection planned: N 
30. Data gaps identified: 31. Duplication of effort: 
32. Project needs and priorities: 
33. Funding agency: Shell Western E & P 
34. Additional comments: Sale Area 109 (Chukchi Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 123
1. Agency: Exxon Company USA
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0804#1 Orion#1
5. Lat: 70.96°N Long: 152.06°W Depth: (ft/m)
6. Period of Record: 11/85-12/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y
14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y
15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y
16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC:
19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

21. Data location: Minerals Management Service Alaska Regional Office
24. Report name(s):

25. Data in public domain: N
26. Avail. to AEIDC archive: N
27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Exxon Company USA
34. Additional comments: Sale Area 87 (DIAPR/Beaufort Sea).
   Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 124
1. Agency: Tenneco Oil Company
2. Contact: John Nauman (MMS) (907) 261-4181
3. Study Name: Alaska OCS Region Wells
4. Station: OCS-Y 0338#1 Phoenix#1
5. Lat: 70.00°N Long: 150.43°W Depth: (ft/m)
6. Period of Record: 09/86-12/86
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling:
12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized: Format:
18. QA/QC:
19. Evaluation data quality:
20. Types analysis: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
22. Report published:
23. Report in public domain:
24. Report name(s):
fee: restricted access:
At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Tenneco Oil Company
34. Additional comments: Sale Area 71 (Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 125
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0334#1 Mukluk#1
5. Lat: 70.68°N Long: 150.92°W Depth: (ft/m)
6. Period of Record: 11/83-01/84
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: SOHIO Petroleum Co. (Now BP)
34. Additional comments: Sale Area 71 (Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 126
1. Agency: Shell Western E & P
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells
4. Station: OCS-Y 0370#1 SandPiper#1
5. Lat: 70.58°N Long: 149.10°W Depth: (ft/m)
6. Period of Record: 09/85-01/86
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:
17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction
21. Data location: Minerals Management Service Alaska Regional Office
949 E. 36th Ave. Anchorage
22. Report published:
23. Report in public domain:
24. Report name(s):
fee: restricted access:
At future date:
27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified:
31. Duplication of effort:
32. Project needs and priorities:
33. Funding agency: Shell Western E & P
34. Additional comments: Sale Area 71 (Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 127

1. Agency: AMOCO Production Company
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0371#1 SandPiper#2
5. Lat: 70.58°N Long: 149.09°W Depth: (ft/m)
6. Period of Record: 02/86-07/86
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
   14a. Con. wind data: Y 14b. Location sensor: on rig
   14c. Period of record: concurrent
   15a. Con. current data: Y 15b. Location meters: near rig
   15c. Period of record:
   16a. Con. tide data: Y 16b. Location gauges: near rig
   16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

   fee: restricted access: N

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: AMOCO Production Company
34. Additional comments: Sale Area 71 (Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
<table>
<thead>
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<th>Index #: 128</th>
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<tbody>
<tr>
<td>1. Agency: Oceanographic Services, Inc. Santa Barbara, CA</td>
</tr>
<tr>
<td>2. Contact:</td>
</tr>
<tr>
<td>3. Study Name: Beaufort Sea Meteorological and Oceanographic Program</td>
</tr>
</tbody>
</table>

| 4. Station: Site 2 |
| 5. Lat: 70.42°N Long: 147.98°W Depth: (ft/m) |
| 6. Period of Record: |
| 7. Gage type: wave rider buoy |
| 8. Sensor type: vertical accelerometer |
| 9. Storage: |
| 10. Sample: |
| 11. Burst sampling: |
| 12. Burst Interval: |
| 13. Directional wave spectra: |

| 14a. Con. wind data: Y |
| 14b. Location sensor: Narwhal Island |
| 14c. Period of record: 07/78-10/78 |
| 15a. Con. current data: Y |
| 15b. Location meters: S. of Cross Island & W of Stockton Island at Newport Entrance |
| 15c. Period of record: 07/78-10/78 |
| 16a. Con. tide data: Y |
| 16b. Location gauges: study site #3 (#131) |
| 16c. Period of record: 07/78-10/78 |

| 17. Data digitized: Format: |
| 18. QA/QC: Y |
| 19. Evaluation data quality: V |
| 20. Types analyses: tides storm surge currents barometric pressure water temperature & salinity wind speed & direction air temperature significant wave height extreme wave conditions ice conditions wave energy spectrum |

| 21. Data location: |
| 22. Report published: Y |
| 23. Report in public domain: Y |

| 25. Data in public domain: |
| 26. Avail. to AEIDC archive: |
| fee: restricted access: |
| At future date: |

| 27. Preferred Media exchange: |

| 28. Project status: completed |
| 29. Additional collection planned: N |

| 30. Data gaps identified: |
| 31. Duplication of effort: |

| 32. Project needs and priorities: |
| 33. Funding agency: Gulf Research & Development Co. (Now Chevron USA) |
| 34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report. |
1. **Agency:** Oceanographic Services, Inc. Santa Barbara, CA
2. **Contact:**
3. **Study Name:** Beaufort Sea Meteorological and Oceanographic Program
4. **Station:** Site 3
5. **Lat:** 70.35°N **Long:** 147.09°W **Depth:** (ft/m)
6. **Period of Record:**
7. **Gage type:** wave/tide gauge
8. **Sensor type:** pressure sensor
9. **Storage:** paper chart recording
10. **Sample:**
11. **Burst sampling:**
12. **Burst Interval:**
13. **Directional wave spectra:**
   - **14a.** Con. wind data: Y
   - **14b.** Location sensor: Narwhal Island
   - **14c.** Period of record: 07/78-10/78
   - **15a.** Con. current data: Y
   - **15b.** Location meters: S. of Cross Island & W of Stockton Island at Newport Entrance
   - **15c.** Period of record: 07/78-10/78
   - **16a.** Con. tide data: Y
   - **16b.** Location gauges: study site #3 (#131)
   - **16c.** Period of record: 07/78-10/78
14. **Data digitized:** Format:
15. **QA/QC:** Y
16. **Evaluation data quality:** V
17. **Types analyses:** tides, storm surge, currents, barometric pressure, water temperature & salinity, wind speed & direction, air temperature, significant wave height, extreme wave conditions, ice conditions, wave energy spectrum
18. **Data location:**
19. **Report published:** Y
20. **Report in public domain:** Y
21. **Report name(s):** Beaufort Sea Meteorological and Oceanographic Program (BEAUMOP) Summer 78 Final Report
22. **Data in public domain:**
23. **Avail. to AEIDC archive:** fee: restricted access: At future date:
24. **Preferred Media exchange:**
25. **Project status:** completed
26. **Additional collection planned:** N
27. **Data gaps identified:**
28. **Duplication of effort:**
29. **Project needs and priorities:**
30. **Funding agency:** Gulf Research & Development Co. (New Chevron USA)
31. **Additional comments:** AOGA Report 44 on file at AEIDC.
Index #: 130
1. Agency: Oceanographic Services, Inc. Santa Barbara, CA
2. Contact: 
3. Study Name: Beaufort Sea Meteorological and Oceanographic Program 

4. Station: Alternate site 5 
5. Lat: 70.27°N Long: 147.02°W Depth: (ft/m) 
6. Period of Record: 
7. Gage type: Datawell 
8. Sensor type: vertical accelerometer 
9. Storage: 
10. Sample: 
11. Burst sampling: 12. Burst Interval: 
13. Directional wave spectra: 

14a. Con. wind data: Y 14b. Location sensor: Narwhal Island 
14c. Period of record: 07/78-10/78 
15a. Con. current data: Y 15b. Location meters: S. of Cross Island & W of Stockton Island at Newport Entrance 
15c. Period of record: 07/78-10/78 
16a. Con. tide data: Y 16b. Location gauges: study site #3 (#131) 
16c. Period of record: 07/78-10/78 

17. Data digitized: Format: 
20. Types analyses: tides storm surge currents barometric pressure water temperature & salinity wind speed & direction air temperature significant wave height extreme wave conditions ice conditions wave energy spectrum 

21. Data location: 

25. Data in public domain: 26. Avail. to AEIDC archive: fee: restricted access: At future date: 

27. Preferred Media exchange: 

28. Project status: completed 
29. Additional collection planned: N 

30. Data gaps identified: 31. Duplication of effort: 

32. Project needs and priorities: 
33. Funding agency: Gulf Research & Development Co. (Now Chevron USA) 
34. Additional comments: AOGA Report 1 housed at AEIDC. Extensive analysis of wave climatology is provided in the report. 

141
Index #: 131
1. Agency: Union Oil Company
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0849#1 Hammerhead#1
5. Lat: 70.36°N Long: 146.02°W Depth: (ft/m)
6. Period of Record: 08/85-09/85
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

<table>
<thead>
<tr>
<th>14a. Con. wind data:</th>
<th>Y</th>
<th>14b. Location sensor:</th>
<th>on rig</th>
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<tr>
<td>14c. Period of record:</td>
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<td></td>
</tr>
<tr>
<td>15a. Con. current data:</td>
<td>Y</td>
<td>15b. Location meters:</td>
<td>near rig</td>
</tr>
<tr>
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<td></td>
<td></td>
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<tr>
<td>16a. Con. tide data:</td>
<td>Y</td>
<td>16b. Location gauges:</td>
<td>near rig</td>
</tr>
<tr>
<td>16c. Period of record:</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

22. Report published:
23. Report in public domain:
24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:
28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Union Oil Company
34. Additional comments: Sale Area 87 (DIAPIR/Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 132
1. Agency: Union Oil Company
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

4. Station: OCS-Y 0849#2 Hammerhead#2
5. Lat: 70.37°N Long: 146.03°W Depth: (ft/m)
6. Period of Record: 09/86-10/86
7. Gage type:
8. Sensor type:
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:
14a. Con. wind data: Y 14b. Location sensor: on rig
14c. Period of record: concurrent
15a. Con. current data: Y 15b. Location meters: near rig
15c. Period of record:
16a. Con. tide data: Y 16b. Location gauges: near rig
16c. Period of record:

17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyzes: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Union Oil Company
34. Additional comments: Sale Area 87 (DIAPIR/Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 133
1. Agency: Tenneco Oil Co.
2. Contact: John Nauman (MMS) (907)261-4181
3. Study Name: Alaska OCS Region Wells

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
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<tr>
<td>4.</td>
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<td>5.</td>
<td>Lat: 70.11°N Long: 142.78°W Depth: 60 ft/m</td>
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<tr>
<td>6.</td>
<td>Period of Record: 01/87-08/88</td>
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<tr>
<td>7.</td>
<td>Gage type:</td>
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<tr>
<td>8.</td>
<td>Sensor type:</td>
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<td>9.</td>
<td>Storage:</td>
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<td>10.</td>
<td>Sample:</td>
</tr>
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<td>11.</td>
<td>Burst sampling:</td>
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<td>12.</td>
<td>Burst Interval:</td>
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<tr>
<td>13.</td>
<td>Directional wave spectra:</td>
</tr>
<tr>
<td>14a.</td>
<td>Cont. wind data: Y</td>
</tr>
<tr>
<td>14b.</td>
<td>Location sensor: on rig</td>
</tr>
<tr>
<td>14c.</td>
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<tr>
<td>15a.</td>
<td>Cont. current data: Y</td>
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<tr>
<td>15b.</td>
<td>Location meters: near rig</td>
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<td>15c.</td>
<td>Period of record:</td>
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<tr>
<td>16a.</td>
<td>Cont. tide data: Y</td>
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<tr>
<td>16b.</td>
<td>Location gauges: near rig</td>
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<tr>
<td>16c.</td>
<td>Period of record:</td>
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17. Data digitized: Format:
18. QA/QC: 19. Evaluation data quality:
20. Types analyses: ice type & characteristics vessel performance wind speed & direction gust barometric pressure air temperature dew point precipitation flying weather significant wave height maximum wave height wave period sea direction current speed & direction

24. Report name(s):

25. Data in public domain: N 26. Avail. to AEIDC archive: N fee: restricted access: At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified:
31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Tenneco Oil Co.
34. Additional comments: Sale Area 87 (DIAPIR/Beaufort Sea). Every three hours an observer would call in to NWS on MMS reporting form forecast info. Practical performance data which are considered confidential submitted separately to MMS.
Index #: 134
1. Agency: Oceanographic Services, Inc. Santa Barbara, CA
2. Contact:
3. Study Name: Beaufort Sea Meteorological and Oceanographic Program

4. Station: Buoy 1675
5. Lat: 72.93°N Long: 147.23°W Depth: (ft/m)
6. Period of Record: 07/78-10/78
7. Gage type: Polar Research Labs drift buoy
8. Sensor type: slope array
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: Narwhal Island
14c. Period of record: 07/78-10/78
15a. Con. current data: Y 15b. Location meters: S. of Cross Island & W
of Stockton Island at Newport Entrance

15c. Period of record: 07/78-10/78
14a. Con. tide data: Y 16b. Location gauges: study site #3 (#129)
16c. Period of record: 07/78-10/78

17. Data digitized: Format:
20. Types analyses: storm surge currents barometric pressure water
  temperature & salinity wind speed & direction air temperature waves
  tides

21. Data location:
24. Report name(s): Beaufort Sea Meteorological and Oceanographic
  Program (BEAUMOP) Summer 78 Final Report. (AOGA
  Report 44)

25. Data in public domain:
26. Avail. to AEIDC archive:
  fee: restricted access:
  At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N
30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Gulf Research & Development Co. (Now Chevron
  USA)
34. Additional comments: AOGA Report #44 housed at AEIDC. drift
  buoy *Initial latitude: 72.93°N Initial longitude: 147.23°W
  Final latitude: 73.00°N Final longitude: 155.97°W *ADRAMS
  means air droppable remote sensing via satellite.
<table>
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<th>Index #: 135</th>
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<tr>
<td>2. Contact:</td>
</tr>
<tr>
<td>3. Study Name: Beaufort Sea Meteorological and Oceanographic Program</td>
</tr>
</tbody>
</table>

| 4. Station: Buoy 1573 |
| 5. Lat: .00°N Long: .00°W Depth: (ft/m) |
| 6. Period of Record: |
| 7. Gage type: Polar Research Labs drift buoy |
| 8. Sensor type: slope array |
| 9. Storage: |
| 10. Sample: |
| 11. Burst sampling: 12. Burst Interval: |
| 13. Directional wave spectra: |
| 14a. Con. wind data: Y 14b. Location sensor: Narwhal Island |
| 14c. Period of record: 07/78-10/78 |
| 15a. Con. current data: Y 15b. Location meters: S. of Cross Island & W of Stockton Island at Newport Entrance |
| 15c. Period of record: 07/78-10/78 |
| 16a. Con. tide data: Y 16b. Location gauges: study site #3 (#129) |
| 16c. Period of record: 07/78-10/78 |

| 17. Data digitized: Format: |

| 20. Types analyses: storm surge currents barometric pressure water temperature & salinity wind speed & direction air temperature significant wave height ice conditions wave energy spectrum wave period |

| 21. Data location: |

| 25. Data in public domain: 26. Avail. to AEIDC archive: fee: restricted access: At future date: |

| 27. Preferred Media exchange: |

| 28. Project status: completed |
| 29. Additional collection planned: N |

| 30. Data gaps identified: 31. Duplication of effort: |

| 32. Project needs and priorities: |
| 33. Funding agency: Gulf Research & Development Co. (Now Chevron USA) |
| 34. Additional comments: AOGA Report #44 housed at AEIDC. drift buoy *Initial latitude: 73.00N Initial longitude: 73.25N Final latitude: 139.28W Final longitude: 148.00W *ADRAMS means air droppable remote sensing via satillite. |
Index #: 136
1. Agency: Oceanographic Services, Inc. Santa Barbara, CA
2. Contact:
3. Study Name: Beaufort Sea Meteorological and Oceanographic Program

4. Station: Buoy 1545
5. Lat: .00°N Long: .00°W Depth: (ft/m)
6. Period of Record: 08/78-10/78
7. Gage type: Polar Research Labs drift buoy
8. Sensor type: slope array
9. Storage:
10. Sample:
11. Burst sampling: 12. Burst Interval:
13. Directional wave spectra:

14a. Con. wind data: Y 14b. Location sensor: Narwhal Island
14c. Period of record: 07/78-10/78
15a. Con. current data: Y 15b. Location meters: S. of Cross Islands & W of Stockton Island at Newport Entrance
15c. Period of record: 07/78-10/78
16a. Con. tide data: Y 16b. Location gauges: study site #3 (#129)
16c. Period of record: 07/78-10/78

17. Data digitized: Format:
20. Types analysis: tides storm surge currents barometric pressure water temperature & salinity wind speed & direction air temperature significant wave height extreme wave conditions ice conditions wave energy spectrum

21. Data location:

25. Data in public domain: 26. Avail. to AEIDC archive:
fee: restricted access:
At future date:

27. Preferred Media exchange:

28. Project status: completed
29. Additional collection planned: N

30. Data gaps identified: 31. Duplication of effort:

32. Project needs and priorities:
33. Funding agency: Gulf Research & Development Co. (Now Chevron USA)
34. Additional comments: AOGA Report #44 housed at AEIDC. drift buoy *Initial latitude: 72.93N Initial longitude: 134.77W Final latitude: 72.80N Final longitude: 140.58W *ADRAMS means air droppable remote sensing via satellite.
Appendix A

Index Coding Form
ALASKA WAVE DATA INDEX

AEIDC catalog no. ____________________  Indexed by ____________________  Proofed by ____________________

1. Agency name/department/address

2. Contact person(s)  phone

3. Name of study

4. Name of station

5. Latitude: ____________________  Longitude: ____________________  Water Depth: ____________________

6. Period of record

7. Recording device: make ____________________  model ____________________  type ____________________

8. Sensor type

9. Storage media

10. Sampling interval

11. Burst sampling?  Y  N

12. If Y, burst interval __________

13. Directional wave spectra?  Y  N

14a. Concurrent wind data?  Y  N

14b. Location of wind sensor

14c. Period of record

15a. Concurrent current data?  Y  N

15b. Location of current meters

15c. Period of record

16a. Concurrent tide data?  Y  N

16b. Location of tide gauge

16c. Period of record

17. Data format (please specify)  Digitized?  Y  N

18. QA/QC conducted?  Y  N

19. Evaluation of data quality (circle)  EX  VG  O  F  P

20. Types of analyses

Side A
<table>
<thead>
<tr>
<th>Question</th>
<th>Y</th>
<th>N</th>
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<tbody>
<tr>
<td>21. Where is data housed? (location and mailing address)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22. Report published?</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>23. Report in public domain?</td>
<td>Y</td>
<td>N</td>
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<tr>
<td>24. Report name(s)</td>
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<tr>
<td>25. Data in public domain?</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>26. Is data available to archive at AEIDC?</td>
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<td>N</td>
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<td>27. Preferred media of exchange (eg: ASCII tape, IBM diskette)</td>
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<tr>
<td>28. Project status</td>
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<td>Completed</td>
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<tr>
<td>29. Additional wave data collection planned?</td>
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<td>N</td>
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<tr>
<td>30. Data gaps identified?</td>
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<td>N</td>
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<tr>
<td>32. Project needs and priorities</td>
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<tr>
<td>33. Funding Agency</td>
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<tr>
<td>34. Additional comments</td>
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