

ODAP — OCEANOGRAPHIC DATA ACQUISITION PROJECT

WAVE AND CURRENT MEASUREMENT PROJECT
ON THE NORWEGIAN CONTINENTAL SHELF.

Report no. 63

Date: 20th November 1985

ODAP — WAVE DATA CATALOGUE

Instrumentally measured wave data stored
at DNMI — Environmental Data Centre

REPORT NO./REG. NO.
ODAP No. 63

ACCESSIBILITY
OPEN

REPORT TITLE/TITTEL			
ODAP - WAVE DATA CATALOGUE			
CLIENT/ OPPDRAGSGIVER			
NORSK HYDRO A.S on behalf of OKN			
PROJECT MANAGER/ PROSJEKTANSVARLIG			
B. Aune			
AUTHORS/ FORFATTERE			
T. Langgård, H. Tønnessen, J.A. Børresen			
DATE/ DATO	PROJECT NO./PROSJEKT NR.	NO. OF PAGES/ ANT. SIDER	NO. OF ENCLOSURES/ ANT. BILAG
20/11-85	49/85 - Klima	143	

SUMMARY/SAMMENDRAG

This Reference Publication No 1 contains references to all instrumentally-measured wave data collected under the ODAP programme from 1980 upto present. The data are stored at the Environmental Data Centre of the Climatological Division at the Meteorological Institute. This catalogue is the first in a series of reference publications.

All the information in this catalogue is available on a data-base on a IBM-PC/XT. The data-base used is DATAFLEX from Data Access Corporation. The establishment of the data-base and printing of this publication was funded by the oil companies holding drilling licenses north of 62 N and the Norwegian Council for Technical and Scientific Research under the ODAP programme.

KEY WORDS

Continental Shelf

Data catalogue

Waves

Location references

STIKKORD

04/4/1/aks

The Norwegian Meteorological Institute
Environmental Data Centre

ODAP

Wave Data Catalogue

Instrumentally measured wave data stored
at DNMI - Environmental Data Centre

by

Tove Langgård, Helle Tønnessen and Jan Børresen

Reference Publication No 1

Oceanographic Data Acquisition Project.
A joint Norwegian Wave and Current Measure-
ment Project on the Continental Shelf.

Environmental Data Centre
DNMI
P.O. Box 320, Blindern
N-0314 OSLO 3
Norway

Phone: (472) 605090
Telex: 19931

FOREWORD

ODAP (Oceanographic Data Acquisition Project) began in 1980 and is a project for the collection of oceanographic data on the Norwegian Continental Shelf. The participating institutions are in 1985 Oceanographic Center, The Norwegian Meteorological Institute (DNMI) and Oceanographic Company of Norway (Oceanor). Oceanographic Center has the contract for the ODAP project. The project is financed by Norsk Hydro A/S, Saga Petroleum A/S, Statoil, BP Petroleum Development, Phillips Petroleum CO. Norway, A/S Norske Shell, Elf Aquitaine Norge A/S, Conoco Norway Inc., Esso Expl. and Prod. Norway Inc. and the Royal Norwegian Council for Scientific and Industrial Research (NTNF).

The measuring program constitutes a joint effort to collect wave, current, wind and temperature data. During 1985, wave (heave) measurements on Torsvåg, Tromsøflaket, Stad and Utsira were obtained using Datawell Waverider buoys and on Haltenbanken a NORWAVE oceanographic data buoy was used to obtain wave (heave, pitch, roll), wind (speed and direction), temperature (sea and air) and air pressure measurements. Wave measurements with a shipborne wave recorder were also made at station "M". During January - March an intensive current measurement campaign was carried out in the Tromsøflaket/Barentshavet region. Meteorological observations in the Norwegian Sea and in the Barents Sea were also carried out using several drifting meteorological data buoys under the auspices of the Norwegian Meteorological Institute. All the data collected for ODAP project are stored at the Norwegian Meteorological Institute in Oslo, Norway. In addition, data reports are produced both quarterly and annually.

This Reference Publication No 1 contains references to all instrumentally-measured wave data collected under the ODAP programme from 1980 up to present.

The measurements and the processing of wave data are done by the Norwegian Hydrotechnical Laboratory, OCEANOR A/S and the Continental Shelf Institute. The data are stored at the Environmental Data Centre of the Climatological Division at the Meteorological Institute. This catalogue is the first in a series of reference publications.

Instrumentally measured waves available from all sources, worldwide and on the Norwegian continental shelf are being published regularly in the "MIAS Catalogue of Wave Data" (1982). The Environmental Data Centre is Area Representative for MIAS. The present catalogue has been made to correspond as closely as possible to the MIAS catalogue. The difference between this reference publication and the MIAS catalogue is in the definition of the entries. A time series is reported according to the start and stop date of the particular data report where the data are published.

Reference data of wind, waves, current, water level measured in Norwegian waters, were first published by CONOCO in "Environmental Data Atlas and Catalogue" (1981). This catalogue may be seen as a continuation of the work started by CONOCO.

CONTENTS

	Page
HOW TO USE THIS CATALOGUE	I
THE REFERENCE SYSTEM	III
WORLD MAP SHOWING MODIFIED CANADIEN TEN DEGREE SQUARE	V
THE CATALOGUE	VI
SITE NAME INDEX, 10-DEG/1-DEG SQUARE	VII
SITE NAME INDEX, LOCATION	X
SITE NAME INDEX, DATA COVERAGE	XIII
AVAILABILITY OF DATA AND RESULTS	XVI
FIGURE 3 TIME SERIES TABLES	XVII
FIGURE 4 TIME SERIES PLOTS	XVIII
FIGURE 5 TWO FREQUENCY TABLES	XIX
FIGURE 6 EXAMPLE OF SPECTRAL PRESENTATION	XX
QUALITY CONTROL	XXI
DATA CONTROL IN NEPTUN 6	XXII
CONTROL CRITERIA	XXII
EXAMPLES OF DATA LISTING AND CONTROL CRITERIA	XXIII
LIST OF REFERENCES	XXV
LIST OF ODAP REPORTS	XXVI

MAIN CATALOGUE

Entries arranged in Modified Canadien Square order

1 - 108

HOW TO USE THIS CATALOGUE

Table 1 shows a list of stations where waves have been measured.
Table 2 shows measurement periods.

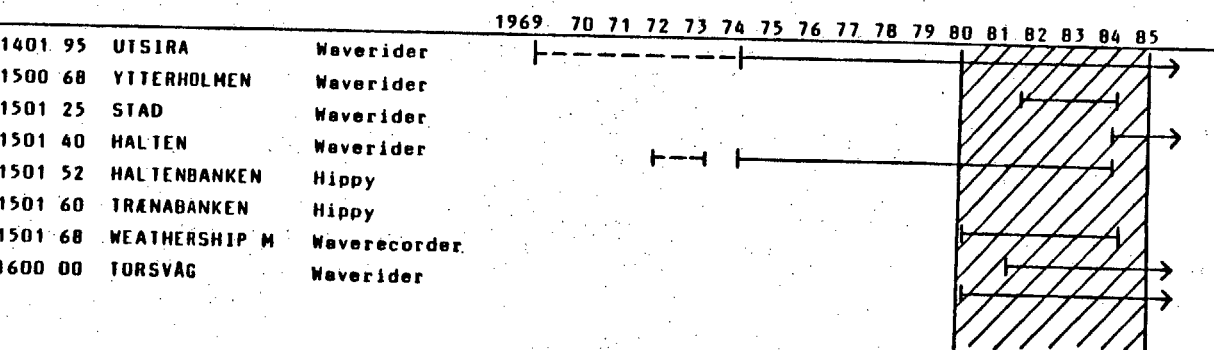
Table 1. Station list

Instrumentally measured waves under the ODAP programme

140195	UTSIRA	59° ,30 N	4° ,80 E
150068	YTTERHOLMEN	66° ,0 N	11° ,11 E
150125	STAD	62° ,16 N	4° ,78 E
150140	HALTEN	64° ,18 N	9° ,13 E
150152	HALTENBANKEN	65° ,0 N	7° ,6 E
150160	TRÆNABANKEN	66° ,3 N	9° ,5 E
150168	WEATHERSHIP M	66° ,0 N	2° ,0 E
160000	TORSVAG	70° ,43 N	19° ,55 E

Table 2. Time periods for measurements.

The shaded area show the time interval covered by this reference publication.



The positions of the stations are shown on Figure 1. On the same figure are plotted the positions of other sites for instrumentally measured waves which are, or will be, available from the Environmental Data Centre. Reference to these measurements will follow in the coming Reference Publication No 2.

These stations includes:

TROMSØFLAKET (AMI)	71° ,50 N	19° ,00 E
HEKKINGEN	69° ,66 N	17° ,20 E
STATFJORD	61° ,2 N	1° ,8 E
FRIGG	59° ,8 N	2° ,0 E
FAMITA	57° ,5 N	3° ,0 E
EKOFISK	56° ,5 N	3° ,12 E

The following stations are or will be operational i 1985.

CENTRAL BANK	74° ,50 N	31° ,00 E
BEAR ISLAND	73° ,83 N	19° ,83 E
BARENTS SEA	73° ,06 N	26° ,50 E
TROMSØFLAKET II	71° ,66 N	20° ,50 E
GULLFAX A	61° ,3 N	2° ,2 E
OSEBERG	60° ,5 N	2° ,7 E
16/11 S	58° ,2 N	2° ,5 E

The Reference System

The entries are ordered according to the Modified Canadian 10-degree and 1-degree squares of latitude and longitude. The Modified Canadian grid location numbers are shown in Figure 1.

The ten-degree squares used in Norwegian waters and in the vicinity are shown in Table 3.

Table 3. Modified Canadian ten-degree Squares outside Norway

LATITUDE	LONGITUDE			
	0° - 9°,99	10° - 19°,99	20° - 29°,99	30° - 39°,99
70 - 79	1601	1600	1635	1634
60 - 69	1501			
50 - 59	1401			

Example: 64°,99 N 19°,13 E 1500

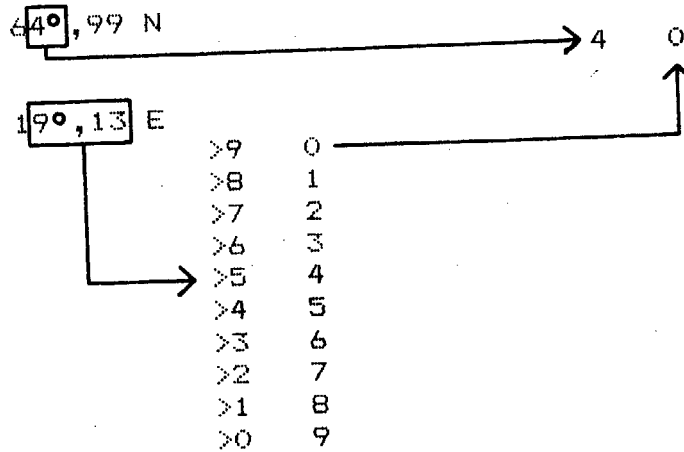
Within each ten-degree square the one-degree squares are numbered from 00 to 99. Table 4 shows the key to the one-degree squares.

Table 4. Modified Canadian one-degree squares for eastern latitudes.

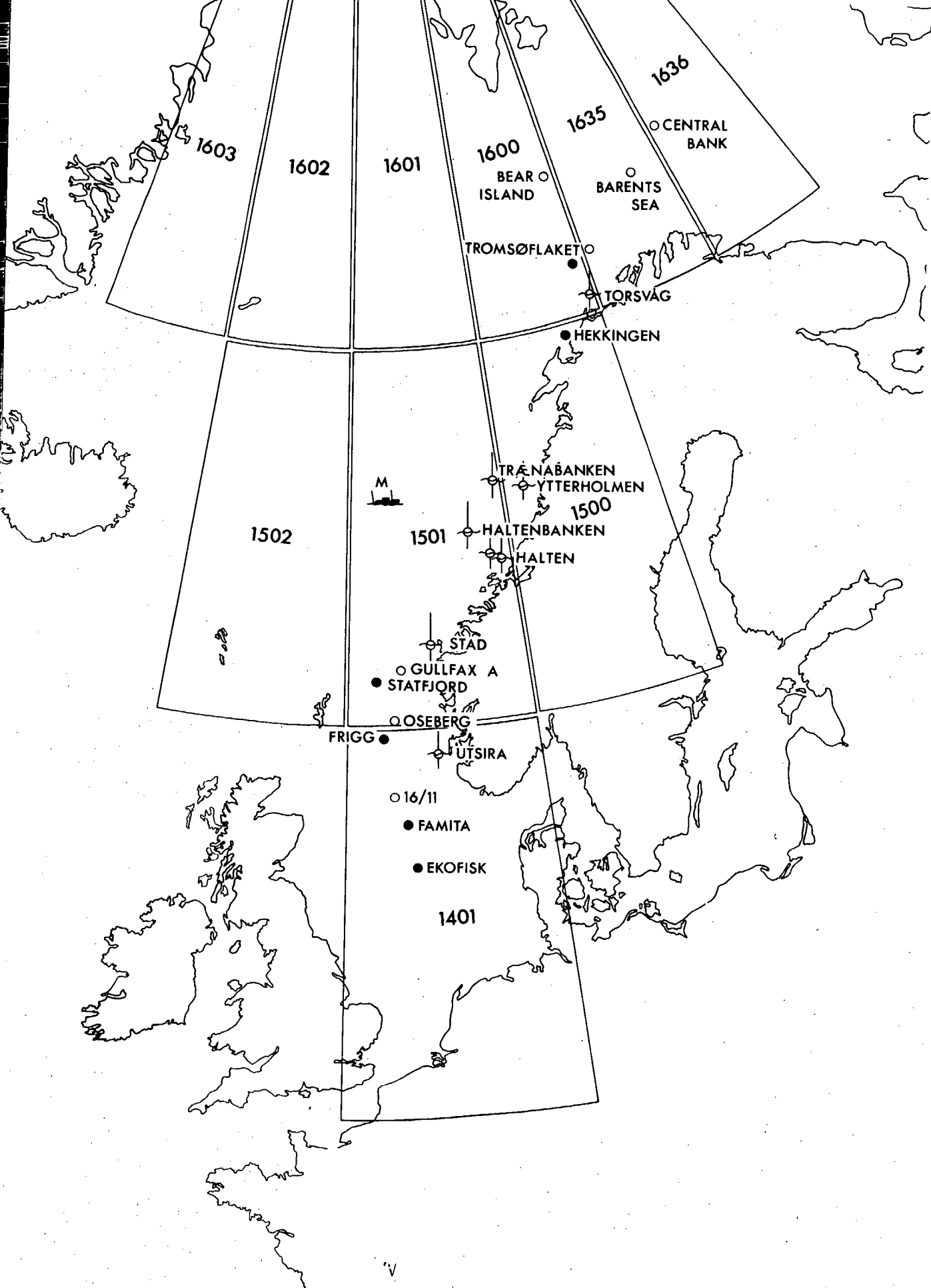
longitude	latitude									
9.0-9.9	99	98	97	96	95	94	93	92	91	90
8.0-8.9	89	88	87	86	85	84	83	82	81	80
7.0-7.9	79	78	77	76	75	74	73	72	71	70
6.0-6.9	69	68	67	66	65	64	63	62	61	60
5.0-5.9	59	58	57	56	55	54	53	52	51	50
4.0-4.9	49	48	47	46	45	44	43	42	41	40
3.0-3.9	39	38	37	36	35	34	33	32	31	30
2.0-2.9	29	28	27	26	25	24	23	22	21	20
1.0-1.9	19	18	17	16	15	14	13	12	11	10
0.0-0.9	09	08	07	06	05	04	03	02	01	00
	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
	0.99	1.99	2.99	3.99	4.99	5.99	6.99	7.99	8.99	9.99

Latitude east

Example:



64 ,99 N 19 ,13 E 1500 40



The catalogue

All the information in this catalogue is available on a data-base on a IBM-PC/XT. The data-base used is DATAFLEX from Data Access Corporation.

The different items listed in each catalogue entry are self explanatory. The information can be retrieved from a data-base and excerpts of the entries in the catalogue can be produced to suit the customers needs.

Three cross-indexes are printed on the following pages. The first index gives alphabetic reference of the location, start and stop of the time series and reference to the pertinent ODAP report. The second index is sorted according to the Modified Canadian square system and the third index gives the data coverage in percentages.

Reference is made to a ODAP report for each time series. The ODAP reports are available from the ODAP secretary Continental Shelf Institute. See list of references.

10-DEG / 1-DEG SQUARE

SQ1	SQ 2 LOCATION	START DATE	END DATE	PAGE
1401	95 UTSIRA	01 Jan 1980	30 Mar 1980	1
1401	95 UTSIRA	31 Mar 1980	30 Jun 1980	2
1401	95 UTSIRA	29 Jun 1980	01 Oct 1980	3
1401	95 UTSIRA	01 Oct 1980	01 Jan 1981	4
1401	95 UTSIRA	01 Jan 1981	31 Mar 1981	5
1401	95 UTSIRA	01 Apr 1981	30 Jun 1981	6
1401	95 UTSIRA	01 Jul 1981	30 Sep 1981	7
1401	95 UTSIRA	05 Oct 1981	31 Dec 1981	8
1401	95 UTSIRA	01 Jan 1982	31 Mar 1982	9
1401	95 UTSIRA	01 Apr 1982	30 Jun 1982	10
1401	95 UTSIRA	01 Jul 1982	30 Sep 1982	11
1401	95 UTSIRA	01 Oct 1982	31 Dec 1982	12
1401	95 UTSIRA	01 Jan 1983	31 Mar 1983	13
1401	95 UTSIRA	01 Apr 1983	30 Jun 1983	14
1401	95 UTSIRA	01 Jul 1983	30 Sep 1983	15
1401	95 UTSIRA	01 Oct 1983	31 Dec 1983	16
1401	95 UTSIRA	01 Jan 1984	31 Mar 1984	17
1401	95 UTSIRA	01 Apr 1984	30 Jun 1984	18
1401	95 UTSIRA	01 Jul 1984	30 Sep 1984	19
1401	95 UTSIRA	01 Oct 1984	31 Dec 1984	20
1500	68 YTTERHOLMEN	06 Oct 1982	31 Dec 1982	21
1500	68 YTTERHOLMEN	01 Jan 1983	31 Mar 1983	22
1500	68 YTTERHOLMEN	01 Apr 1983	30 Jun 1983	23
1500	68 YTTERHOLMEN	01 Jul 1983	30 Sep 1983	24
1500	68 YTTERHOLMEN	01 Oct 1983	31 Dec 1983	25
1500	68 YTTERHOLMEN	01 Jan 1984	31 Mar 1984	26
1500	68 YTTERHOLMEN	01 Apr 1984	24 Jun 1984	27
1500	68 YTTERHOLMEN	17 Jul 1984	28 Aug 1984	28
1501	25 STAD	23 Oct 1984	31 Dec 1984	29
1501	40 HALTEN	01 Jan 1980	31 Mar 1980	30
1501	40 HALTEN	01 Apr 1980	30 Jun 1980	31
1501	40 HALTEN	01 Jul 1980	30 Sep 1980	32
1501	40 HALTEN	01 Oct 1980	31 Dec 1980	33
1501	40 HALTEN	01 Jan 1981	29 Mar 1981	34
1501	40 HALTEN	10 Apr 1981	27 Jun 1981	35
1501	40 HALTEN	03 Jul 1981	30 Sep 1981	36
1501	40 HALTEN	01 Oct 1981	31 Dec 1981	37
1501	40 HALTEN	01 Jan 1982	31 Mar 1982	38
1501	40 HALTEN	01 Apr 1982	30 Jun 1982	39
1501	40 HALTEN	01 Jul 1982	16 Sep 1982	40
1501	40 HALTEN	01 Oct 1982	30 Dec 1982	41
1501	40 HALTEN	05 Jan 1983	31 Mar 1983	42
1501	40 HALTEN	01 Apr 1983	30 Jun 1983	43
1501	40 HALTEN	01 Jul 1983	30 Sep 1983	44
1501	40 HALTEN	01 Oct 1983	31 Dec 1983	45
1501	40 HALTEN	01 Jan 1984	14 Mar 1984	46
1501	52 HALTENBANKEN	15 Mar 1980	11 Apr 1980	47
1501	52 HALTENBANKEN	16 Apr 1980	23 Jun 1980	48
1501	52 HALTENBANKEN	23 Jun 1980	19 Sep 1980	49

10-DEG / 1-DEG SQUARE

SQ1	SQ 2	LOCATION	START DATE	END DATE	PAGE
1501	52	HALTENBANKEN	01 Nov 1980	31 Dec 1980	50
1501	52	HALTENBANKEN	01 Jan 1981	28 Feb 1981	51
1501	52	HALTENBANKEN	01 Mar 1981	30 Apr 1981	52
1501	52	HALTENBANKEN	01 May 1981	30 Jun 1981	53
1501	52	HALTENBANKEN	01 Jul 1981	30 Sep 1981	54
1501	52	HALTENBANKEN	01 Oct 1981	03 Dec 1981	55
1501	52	HALTENBANKEN	02 Mar 1982	31 Mar 1982	56
1501	52	HALTENBANKEN	01 Apr 1982	31 May 1982	57
1501	52	HALTENBANKEN	01 Jun 1982	30 Sep 1982	58
1501	52	HALTENBANKEN	01 Oct 1982	31 Dec 1982	59
1501	52	HALTENBANKEN	01 Jan 1983	11 Feb 1983	60
1501	52	HALTENBANKEN	27 Apr 1983	30 Jun 1983	61
1501	52	HALTENBANKEN	01 Jul 1983	30 Sep 1983	62
1501	52	HALTENBANKEN	01 Oct 1983	31 Dec 1983	63
1501	52	HALTENBANKEN	01 Jan 1984	31 Mar 1984	64
1501	52	HALTENBANKEN	01 Apr 1984	30 Jun 1984	65
1501	52	HALTENBANKEN	01 Jul 1984	30 Sep 1984	66
1501	52	HALTENBANKEN	01 Oct 1984	31 Dec 1984	67
1501	60	TRÆNABANKEN	01 Jul 1980	30 Oct 1980	68
1501	60	TRÆNABANKEN	01 Nov 1980	31 Dec 1980	69
1501	60	TRÆNABANKEN	05 Jun 1981	26 Jun 1981	70
1501	60	TRÆNABANKEN	01 Jul 1981	08 Sep 1981	71
1501	60	TRÆNABANKEN	26 Sep 1981	31 Dec 1981	72
1501	60	TRÆNABANKEN	01 Jan 1982	11 Mar 1982	73
1501	60	TRÆNABANKEN	01 Apr 1982	30 May 1982	74
1501	60	TRÆNABANKEN	04 Jun 1982	28 Aug 1982	75
1501	60	TRÆNABANKEN	19 Oct 1982	31 Dec 1982	76
1501	60	TRÆNABANKEN	01 Jan 1983	31 Mar 1983	77
1501	60	TRÆNABANKEN	01 Apr 1983	30 Jun 1983	78
1501	60	TRÆNABANKEN	01 Jul 1983	30 Sep 1983	79
1501	60	TRÆNABANKEN	01 Oct 1983	31 Dec 1983	80
1501	60	TRÆNABANKEN	01 Jan 1984	11 Mar 1984	81
1501	68	WEATHERSHIP "M"	01 Mar 1982	31 Dec 1982	82
1501	68	WEATHERSHIP "M"	01 Jan 1983	31 Mar 1983	83
1501	68	WEATHERSHIP "M"	01 Apr 1983	31 Jun 1983	84
1501	68	WEATHERSHIP "M"	01 Jul 1983	30 Sep 1983	85
1501	68	WEATHERSHIP "M"	01 Oct 1983	31 Dec 1983	86
1501	68	WEATHERSHIP "M"	01 Jan 1984	31 Mar 1984	87
1501	68	WEATHERSHIP "M"	01 Apr 1984	30 Sep 1984	88
1600	0	TORSVåg	01 Jan 1980	31 Mar 1980	89
1600	0	TORSVåg	01 Apr 1980	29 Jun 1980	90
1600	0	TORSVåg	01 Jul 1980	30 Sep 1980	91
1600	0	TORSVåg	01 Oct 1980	31 Dec 1980	92
1600	0	TORSVåg	01 Jan 1981	31 Mar 1981	93
1600	0	TORSVåg	01 Apr 1981	30 Jun 1981	94
1600	0	TORSVåg	01 Jul 1981	30 Sep 1981	95
1600	0	TORSVåg	01 Oct 1981	31 Dec 1981	96
1600	0	TORSVåg	01 Jan 1982	31 Mar 1982	97
1600	0	TORSVåg	01 Apr 1982	30 Jun 1982	98

10-DEG / 1-DEG SQUARE

SQ1	SQ 2 LOCATION	START DATE	END DATE	PAGE
1600	0 TORSVåg	01 Jul 1982	30 Sep 1982	99
1600	0 TORSVåg	01 Oct 1982	31 Dec 1982	100
1600	0 TORSVåg	01 Jan 1983	31 Mar 1983	101
1600	0 TORSVåg	01 Apr 1983	30 Jun 1983	102
1600	0 TORSVåg	01 Jul 1983	30 Sep 1983	103
1600	0 TORSVåg	01 Oct 1983	31 Dec 1983	104
1600	0 TORSVåg	06 Jan 1984	31 Mar 1984	105
1600	0 TORSVåg	01 Apr 1984	30 Jun 1984	106
1600	0 TORSVåg	01 Jul 1984	30 Sep 1984	107
1600	0 TORSVåg	01 Oct 1984	31 Dec 1984	108

LOCATION

LOCATION	START DATE	END DATE	ODAP REPORT	PAGE
HALTEN	01 Jan 1980	31 Mar 1980	ODAP report no. 02	30
HALTEN	01 Apr 1980	30 Jun 1980	ODAP report no. 03	31
HALTEN	01 Jul 1980	30 Sep 1980	ODAP report no. 06	32
HALTEN	01 Oct 1980	31 Dec 1980	ODAP report no. 07	33
HALTEN	01 Jan 1981	29 Mar 1981	ODAP report no. 10	34
HALTEN	10 Apr 1981	27 Jun 1981	ODAP report no. 12	35
HALTEN	03 Jul 1981	30 Sep 1981	ODAP report no. 15	36
HALTEN	01 Oct 1981	31 Dec 1981	ODAP report no. 16	37
HALTEN	01 Jan 1982	31 Mar 1982	ODAP report no. 20	38
HALTEN	01 Apr 1982	30 Jun 1982	ODAP report no. 21	39
HALTEN	01 Jul 1982	16 Sep 1982	ODAP report no. 24	40
HALTEN	01 Oct 1982	30 Dec 1982	ODAP report no. 27	41
HALTEN	05 Jan 1983	31 Mar 1983	ODAP report no. 31	42
HALTEN	01 Apr 1983	30 Jun 1983	ODAP report no. 33	43
HALTEN	01 Jul 1983	30 Sep 1983	ODAP report no. 36	44
HALTEN	01 Oct 1983	31 Dec 1983	ODAP report no. 41	45
HALTEN	01 Jan 1984	14 Mar 1984	ODAP report no. 43	46
HALTENBANKEN	15 Mar 1980	11 Apr 1980	ODAP report no. 01	47
HALTENBANKEN	16 Apr 1980	23 Jun 1980	ODAP report no. 04	48
HALTENBANKEN	23 Jun 1980	19 Sep 1980	ODAP report no. 05	49
HALTENBANKEN	01 Nov 1980	31 Dec 1980	ODAP report no. 09	50
HALTENBANKEN	01 Jan 1981	28 Feb 1981	ODAP report no. 11	51
HALTENBANKEN	01 Mar 1981	30 Apr 1981	ODAP report no. 13	52
HALTENBANKEN	01 May 1981	30 Jun 1981	ODAP report no. 14	53
HALTENBANKEN	01 Jul 1981	30 Sep 1981	ODAP report no. 18	54
HALTENBANKEN	01 Oct 1981	03 Dec 1981	ODAP report no. 19	55
HALTENBANKEN	02 Mar 1982	31 Mar 1982	ODAP report no. 22	56
HALTENBANKEN	01 Apr 1982	31 May 1982	ODAP report no. 23	57
HALTENBANKEN	01 Jun 1982	30 Sep 1982	ODAP report no. 28	58
HALTENBANKEN	01 Oct 1982	31 Dec 1982	ODAP report no. 32	59
HALTENBANKEN	01 Jan 1983	11 Feb 1983	ODAP report no. 39	60
HALTENBANKEN	27 Apr 1983	30 Jun 1983	ODAP report no. 40	61
HALTENBANKEN	01 Jul 1983	30 Sep 1983	ODAP report no. 45	62
HALTENBANKEN	01 Oct 1983	31 Dec 1983	ODAP report no. 46	63
HALTENBANKEN	01 Jan 1984	31 Mar 1984	ODAP report no. 54	64
HALTENBANKEN	01 Apr 1984	30 Jun 1984	Odap report no. 55	65
HALTENBANKEN	01 Jul 1984	30 Sep 1984	Odap report no. 56	66
HALTENBANKEN	01 Oct 1984	31 Dec 1984	ODAP report no. 57	67
HALTENBANKEN	23 Oct 1984	31 Dec 1984	ODAP report no. 53	29
STAD	01 Jan 1980	31 Mar 1980	ODAP report no. 02	89
TORSVåg	01 Apr 1980	29 Jun 1980	ODAP report no. 03	90
TORSVåg	01 Jul 1980	30 Sep 1980	ODAP report no. 06	91
TORSVåg	01 Oct 1980	31 Dec 1980	ODAP report no. 07	92
TORSVåg	01 Jan 1981	31 Mar 1981	ODAP report no. 10	93
TORSVåg	01 Apr 1981	30 Jun 1981	ODAP report no. 12	94
TORSVåg	01 Jul 1981	30 Sep 1981	ODAP report no. 15	95
TORSVåg	01 Oct 1981	31 Dec 1981	ODAP report no. 16	96
TORSVåg	01 Jan 1982	31 Mar 1982	ODAP report no. 20	97
TORSVåg	01 Apr 1982	30 Jun 1982	ODAP report no. 21	98

LOCATION

LOCATION	START DATE	END DATE	ODAP REPORT	PAGE
TORSVåg	01 Jul 1982	30 Sep 1982	ODAP report no. 24	99
TORSVåg	01 Oct 1982	31 Dec 1982	ODAP report no. 27	100
TORSVåg	01 Jan 1983	31 Mar 1983	ODAP report no. 31	101
TORSVåg	01 Apr 1983	30 Jun 1983	ODAP report no. 33	102
TORSVåg	01 Jul 1983	30 Sep 1983	ODAP report no. 36	103
TORSVåg	01 Oct 1983	31 Dec 1983	ODAP report no. 41	104
TORSVåg	06 Jan 1984	31 Mar 1984	ODAP report no. 43	105
TORSVåg	01 Apr 1984	30 Jun 1984	ODAP report no. 51	106
TORSVåg	01 Jul 1984	30 Sep 1984	ODAP report no. 52	107
TORSVåg	01 Oct 1984	31 Dec 1984	ODAP report no. 53	108
TRÆNABANKEN	01 Jul 1980	30 Oct 1980	ODAP report no. 05	68
TRÆNABANKEN	01 Nov 1980	31 Des 1980	ODAP report no. 09	69
TRÆNABANKEN	05 Jun 1981	26 Jun 1981	ODAP report no. 14	70
TRÆNABANKEN	01 Jul 1981	08 Sep 1981	ODAP report no. 18	71
TRÆNABANKEN	26 Sep 1981	31 Dec 1981	ODAP report no. 19	72
TRÆNABANKEN	01 Jan 1982	11 Mar 1982	ODAP report no. 22	73
TRÆNABANKEN	01 Apr 1982	30 May 1982	ODAP report no. 23	74
TRÆNABANKEN	04 Jun 1982	28 Aug 1982	ODAP report no. 28	75
TRÆNABANKEN	19 Oct 1982	31 Dec 1982	ODAP report no. 32	76
TRÆNABANKEN	01 Jan 1983	31 Mar 1983	ODAP report no. 39	77
TRÆNABANKEN	01 Apr 1983	30 Jun 1983	ODAP report no. 40	78
TRÆNABANKEN	01 Jul 1983	30 Sep 1983	ODAP report no. 45	79
TRÆNABANKEN	01 Oct 1983	31 Dec 1983	ODAP report no. 46	80
TRÆNABANKEN	01 Jan 1984	11 Mar 1984	ODAP report no. 54	81
UTSIRA	01 Jan 1980	30 Mar 1980	ODAP report no. 02	1
UTSIRA	31 Mar 1980	30 Jun 1980	ODAP report no. 03	2
UTSIRA	29 Jun 1980	01 Oct 1980	ODAP report no. 06	3
UTSIRA	01 Oct 1980	01 Jan 1981	ODAP report no. 07	4
UTSIRA	01 Jan 1981	31 Mar 1981	ODAP report no. 10	5
UTSIRA	01 Apr 1981	30 Jun 1981	ODAP report no. 12	6
UTSIRA	01 Jul 1981	30 Sep 1981	ODAP report no. 15	7
UTSIRA	05 Oct 1981	31 Dec 1981	ODAP report no. 16	8
UTSIRA	01 Jan 1982	31 Mar 1982	ODAP report no. 20	9
UTSIRA	01 Apr 1982	30 Jun 1982	ODAP report no. 21	10
UTSIRA	01 Jul 1982	30 Sep 1982	ODAP report no. 24	11
UTSIRA	01 Oct 1982	31 Dec 1982	ODAP report no. 27	12
UTSIRA	01 Jan 1983	31 Mar 1983	ODAP report no. 31	13
UTSIRA	01 Apr 1983	30 Jun 1983	ODAP report no. 33	14
UTSIRA	01 Jul 1983	30 Sep 1983	ODAP report no. 36	15
UTSIRA	01 Oct 1983	31 Dec 1983	ODAP report no. 41	16
UTSIRA	01 Jan 1984	31 Mar 1984	ODAP report no. 43	17
UTSIRA	01 Apr 1984	30 Jun 1984	ODAP report no. 51	18
UTSIRA	01 Jul 1984	30 Sep 1984	ODAP report no. 52	19
UTSIRA	01 Oct 1984	31 Dec 1984	ODAP report no. 53	20
WEATHERSHIP "M"	01 Mar 1982	31 Dec 1982	ODAP report no. 29	82
WEATHERSHIP "M"	01 Jan 1983	31 Mar 1983	ODAP report no. 31	83
WEATHERSHIP "M"	01 Apr 1983	31 Jun 1983	ODAP report no. 33	84
WEATHERSHIP "M"	01 Jul 1983	30 Sep 1983	ODAP report no. 36	85
WEATHERSHIP "M"	01 Oct 1983	31 Dec 1983	ODAP report no. 41	86

LOCATION

LOCATION	START DATE	END DATE	ODAP REPORT	PAGE
WEATHERSHIP "M"	01 Jan 1984	31 Mar 1984	ODAP report no. 43	87
WEATHERSHIP "M"	01 Apr 1984	30 Sep 1984		88
YTTERHOLMEN	06 Oct 1982	31 Dec 1982	ODAP report no. 27	21
YTTERHOLMEN	01 Jan 1983	31 Mar 1983	ODAP report no. 31	22
YTTERHOLMEN	01 Apr 1983	30 Jun 1983	ODAP report no. 33	23
YTTERHOLMEN	01 Jul 1983	30 Sep 1983	ODAP report no. 36	24
YTTERHOLMEN	01 Oct 1983	31 Dec 1983	ODAP report no. 41	25
YTTERHOLMEN	01 Jan 1984	31 Mar 1984	ODAP report no. 43	26
YTTERHOLMEN	01 Apr 1984	24 Jun 1984	ODAP report no. 51	27
YTTERHOLMEN	17 Jul 1984	28 Aug 1984	ODAP report no. 52	28

DATA COVERAGE

LOCATION	START DATE	END DATE	DATA COVERAGE	PAGE
HALTEN	01 Jan 1980	31 Mar 1980	Jan 84%, Feb 39%, Mar 79%	30
HALTEN	01 Apr 1980	30 Jun 1980	Apr 40%, May 50%, Jun 59%	31
HALTEN	01 Jul 1980	30 Sep 1980	Jul 92%, Aug 85%, Sep 64%	32
HALTEN	01 Oct 1980	31 Dec 1980	Oct 79%, Nov 71%, Dec 52%	33
HALTEN	01 Jan 1981	29 Mar 1981	Jan 63%, Feb 54%, Mar 54%	34
HALTEN	10 Apr 1981	27 Jun 1981	Apr 59%, May 48%, Jun 38%	35
HALTEN	03 Jul 1981	30 Sep 1981	Jul 33%, Aug 52%, Sep 71%	36
HALTEN	01 Oct 1981	31 Dec 1981	Oct 67%, Nov 65%, Dec 68%	37
HALTEN	01 Jan 1982	31 Mar 1982	Jan 70%, Feb 79%, Mar 65%	38
HALTEN	01 Apr 1982	30 Jun 1982	Apr 80%, May 54%, Jun 51%	39
HALTEN	01 Jul 1982	16 Sep 1982	Jul 60%, Aug 24%, Sep 45%	40
HALTEN	01 Oct 1982	30 Dec 1982	Oct 82%, Nov 74%, Dec 33%	41
HALTEN	05 Jan 1983	31 Mar 1983	Jan 68%, Feb 95%, Mar 98%	42
HALTEN	01 Apr 1983	30 Jun 1983	Apr 98%, May 90%, Jun 85%	43
HALTEN	01 Jul 1983	30 Sep 1983	Jul 62%, Aug 78%, Sep 98%	44
HALTEN	01 Oct 1983	31 Dec 1983	Oct 75%, Nov 91%, Dec 100%	45
HALTEN	01 Jan 1984	14 Mar 1984	Jan 100%, Feb 95%, Mar 94%	46
HALTENBANKEN	15 Mar 1980	11 Apr 1980	Mar 53%, Apr 83%	47
HALTENBANKEN	16 Apr 1980	23 Jun 1980	Apr 83%, May 84%, Jun 99%	48
HALTENBANKEN	23 Jun 1980	19 Sep 1980	Jun 99%, Jul 99%, Aug 84%	49
HALTENBANKEN	01 Nov 1980	31 Dec 1980	Oct 0%, Nov 86%, Dec 78%	50
HALTENBANKEN	01 Jan 1981	28 Feb 1981	Jan 54%, Feb 24%	51
HALTENBANKEN	01 Mar 1981	30 Apr 1981	Mar 64%, Apr 40%	52
HALTENBANKEN	01 May 1981	30 Jun 1981	May 23%, Jun 46%	53
HALTENBANKEN	01 Jul 1981	30 Sep 1981	Jul 30%, Aug 36%, Sep 15%	54
HALTENBANKEN	01 Oct 1981	03 Dec 1981	Oct 57%, Nov 65%, Dec 7%	55
HALTENBANKEN	02 Mar 1982	31 Mar 1982	Jan 0%, Feb 0%, Mar 97%	56
HALTENBANKEN	01 Apr 1982	31 May 1982	Apr 100%, May 98%	57
HALTENBANKEN	01 Jun 1982	30 Sep 1982	Jun 85%, Jul 83%, Aug 99%	58
HALTENBANKEN	01 Oct 1982	31 Dec 1982	Oct 99%, Nov 94%, Dec 85%	59
HALTENBANKEN	01 Jan 1983	11 Feb 1983	Jan 85%, Feb 37%, Mar 0%	60
HALTENBANKEN	27 Apr 1983	30 Jun 1983	Apr 11%, May 99%, Jun 99%	61
HALTENBANKEN	01 Jul 1983	30 Sep 1983	Jul 76%, Aug 0%, Sep 89%	62
HALTENBANKEN	01 Oct 1983	31 Dec 1983	Oct 82%, Nov 82%, Dec 78%	63
HALTENBANKEN	01 Jan 1984	31 Mar 1984	Jan 98%, Feb 77%, Mar 77%	64
HALTENBANKEN	01 Apr 1984	30 Jun 1984	Apr 97%, May 83%, Jun 95%	65
HALTENBANKEN	01 Jul 1984	30 Sep 1984	Jul 88%, Aug 53%, Sep 96%	66
HALTENBANKEN	01 Oct 1984	31 Dec 1984	Oct 92%, Nov 81%, Dec 91%	67
STAD	23 Oct 1984	31 Dec 1984	Oct 29%, Nov 98%, Dec 62%	29
TORSVåg	01 Jan 1980	31 Mar 1980	Jan 76%, Feb 48%, Mar 79%	89
TORSVåg	01 Apr 1980	29 Jun 1980	Apr 43%, May 58%, Jun 30%	90
TORSVåg	01 Jul 1980	30 Sep 1980	Jul 92%, Aug 85%, Sep 64%	91
TORSVåg	01 Oct 1980	31 Dec 1980	Oct 40%, Nov 68%, Dec 79%	92
TORSVåg	01 Jan 1981	31 Mar 1981	Jan 80%, Feb 77%, Mar 67%	93
TORSVåg	01 Apr 1981	30 Jun 1981	Apr 90%, May 86%, Jun 94%	94
TORSVåg	01 Jul 1981	30 Sep 1981	Jul 83%, Aug 95%, Sep 66%	95
TORSVåg	01 Oct 1981	31 Dec 1981	Oct 64%, Nov 77%, Dec 71%	96
TORSVåg	01 Jan 1982	31 Mar 1982	Jan 72%, Feb 81%, Mar 63%	97
TORSVåg	01 Apr 1982	30 Jun 1982	Apr 80%, May 80%, Jun 98%	98

DATA COVERAGE

LOCATION	START DATE	END DATE	DATA COVERAGE	PAGE
TORSVåg	01 Jul 1982	30 Sep 1982	Jul 99%, Aug 96%, Sep 97%	9
TORSVåg	01 Oct 1982	31 Dec 1982	Oct 85%, Nov 85%, 88%	10
TORSVåg	01 Jan 1983	31 Mar 1983	Jan 93%, Feb 91%, Mar 75%	10
TORSVåg	01 Apr 1983	30 Jun 1983	Apr 94%, May 96%, Jun 100%	10
TORSVåg	01 Jul 1983	30 Sep 1983	Jul 100%, Aug 87%, Sep 73%	10
TORSVåg	01 Oct 1983	31 Dec 1983	Oct 71%, Nov 88%, Dec 96%	10
TORSVåg	06 Jan 1984	31 Mar 1984	Jan 99%, Feb 94%, Mar 93%	10
TORSVåg	01 Apr 1984	30 Jun 1984	Apr 88%, May 71%, Jun 100%	10
TORSVåg	01 Jul 1984	30 Sep 1984	Jul 99%, Aug 100%, Sep 100%	10
TORSVåg	01 Oct 1984	31 Dec 1984	Oct 95%, Nov 97%, Dec 95%	10
TORSVåg	01 Jul 1980	30 Oct 1980	Jul 100%, Aug 21%, Sep 51%	6
TRÆNABANKEN	01 Jul 1980	31 Dec 1980	Nov 100%, Dec 99%	6
TRÆNABANKEN	05 Jun 1981	26 Jun 1981	Jun 55%	7
TRÆNABANKEN	01 Jul 1981	08 Sep 1981	Jul 52%, Aug 65%, Sep 38%	7
TRÆNABANKEN	26 Sep 1981	31 Dec 1981	Sep 38%, Oct 99%, Nov 98%, Dec 76%	7
TRÆNABANKEN	01 Jan 1982	11 Mar 1982	Jan 100%, Feb 20%, Mar 31%	7
TRÆNABANKEN	01 Apr 1982	30 May 1982	Apr 98%, May 98%	7
TRÆNABANKEN	04 Jun 1982	28 Aug 1982	Jun 84%, Jul 56%, Aug 65%	7
TRÆNABANKEN	19 Oct 1982	31 Dec 1982	Oct 39%, Nov 86%, Dec 60%	7
TRÆNABANKEN	01 Jan 1983	31 Mar 1983	Jan 98%, Feb 64%, Mar 83%	7
TRÆNABANKEN	01 Apr 1983	30 Jun 1983	Apr 88%, May 74%, Jun 70%	7
TRÆNABANKEN	01 Jul 1983	30 Sep 1983	Jul 99%, Aug 94%, Sep 100%	7
TRÆNABANKEN	01 Oct 1983	31 Dec 1983	Oct 57%, Nov 58%, Dec 78%	8
TRÆNABANKEN	01 Jan 1984	11 Mar 1984	Jan 75%, Feb 88%, Mar 35%	8
UTSIRA	01 Jan 1980	30 Mar 1980	Jan 79%, Feb 40%, Mar 37%	
UTSIRA	31 Mar 1980	30 Jun 1980	Apr 86%, May 100%, Jun 98%	
UTSIRA	29 Jun 1980	01 Oct 1980	Jul 88%, Aug 73%, Sep 98%	
UTSIRA	01 Oct 1980	01 Jan 1981	Oct 97%, Nov 95%, Dec 51%	
UTSIRA	01 Jan 1981	31 Mar 1981	Jan 96%, Feb 98%, Mar 96%	
UTSIRA	01 Apr 1981	30 Jun 1981	Apr 100%, May 99%, Jun 85%	
UTSIRA	01 Jul 1981	30 Sep 1981	Jul 78%, Aug 61%, Sep 94%	
UTSIRA	05 Oct 1981	31 Dec 1981	Oct 77%, Nov 62%, Dec 91%	
UTSIRA	01 Jan 1982	31 Mar 1982	Jan 32%, Feb 40%, Mar 98%	
UTSIRA	01 Apr 1982	30 Jun 1982	Apr 74%, May 12%, Jun 45%	
UTSIRA	01 Jul 1982	30 Sep 1982	Jul 55%, Aug 46%, Sep 100%	
UTSIRA	01 Oct 1982	31 Dec 1982	Oct 99%, Nov 98%, Dec 99%	
UTSIRA	01 Jan 1983	31 Mar 1983	Jan 79%, Feb 99%, Mar 100%	
UTSIRA	01 Apr 1983	30 Jun 1983	Apr 100%, May 100%, Jun 82%	
UTSIRA	01 Jul 1983	30 Sep 1983	Jul 42%, Aug 91%, Sep 97%	
UTSIRA	01 Oct 1983	31 Dec 1983	Oct 100%, Nov 99%, Dec 99%	
UTSIRA	01 Jan 1984	31 Mar 1984	Jan 100%, Feb 97%, Mar 96%	
UTSIRA	01 Apr 1984	30 Jun 1984	Apr 100%, May 100%, Jun 94%	
UTSIRA	01 Jul 1984	30 Sep 1984	Jul 99%, Aug 99%, Sep 99%	
UTSIRA	01 Oct 1984	31 Dec 1984	Oct 100%, Nov 78%, Dec 99%	
UTSIRA	01 Mar 1982	31 Dec 1982	Mar 57%, Apr 70%, May 50%, Jun 75%	
WEATHERSHIP "M"	01 Jan 1983	31 Mar 1983	Jan 63%, Feb 88%, Mar 89%	
WEATHERSHIP "M"	01 Apr 1983	31 Jun 1983	Apr 93%, May 93%, Jun 93%	
WEATHERSHIP "M"	01 Jul 1983	30 Sep 1983	Jul 84%, Aug 88%, Sep 86%	
WEATHERSHIP "M"	01 Oct 1983	31 Dec 1983	Oct 75%, Nov 84%, Dec 89%	

DATA COVERAGE

LOCATION	START DATE	END DATE	DATA COVERAGE	PAGE
WEATHERSHIP"M"	01 Jan 1984	31 Mar 1984	Jan 84%, Feb 84%, Mar 87%	87
WEATHERSHIP"M"	01 Apr 1984	30 Sep 1984		88
YTTERHOLMEN	06 Oct 1982	31 Dec 1982	Oct 73%, Nov 89%, Dec 87%	21
YTTERHOLMEN	01 Jan 1983	31 Mar 1983	Jan 71%, Feb 92%, Mar 98%	22
YTTERHOLMEN	01 Apr 1983	30 Jun 1983	Apr 100%, May 82%, Jun 74%	23
YTTERHOLMEN	01 Jul 1983	30 Sep 1983	Jul 97%, Aug 66%, Sep 98%	24
YTTERHOLMEN	01 Oct 1983	31 Dec 1983	Oct 86%, Nov 97%, Dec 96%	25
YTTERHOLMEN	01 Jan 1984	31 Mar 1984	Jan 100%, Feb 99%, Mar 98%	26
YTTERHOLMEN	01 Apr 1984	24 Jun 1984	Apr 98%, May 59%, Jun 68%	27
YTTERHOLMEN	17 Jul 1984	28 Aug 1984	Jul 14%, Aug 72%	28

AVAILABILITY OF DATA AND RESULTS.

ODAP reports and micro fische

The ODAF reports use four presentations methods:

- time series tables
- time series plots
- frequency tables
- wave spectra plots

The following pages give examples of the presentation forms.

Time series tables show a record-by-record presentation of the most important wave parameters together with the meteorological parameters. See Figure 3.

Time series plots are shown in Figure 4.

The frequency tables show the joint correlation of a selection of wave parameters. The height parameters are sorted at 0.5 m intervals, the period parameters at 1.0 second intervals and the direction parameters are separated into 30 degree intervals. The following tables are presented in the ODAF reports.

- H and T
- HS and TZ
- HS and TS
- HMO and TPC
- HMO and TP
- HMAX and THMAX

Wave Height and Period Parameters.

Steepness and Spectral Width Parameters.

One example is shown in Figure 5.

Wave spectrum plots are presented for each recording month showing particularly interesting situations. These figures present the estimated wave spectrum on a semilogarithmic plot. Also given are the zero upcrossing and spectral wave parameters for the relevant wave record. See Figure 6.

The time series tables and the wave spectrum plots are also available on micro fisches.

Data on magnetic tape.

Raw data i.e. instantaneous samples of the sea level, usually at 2 Hz, are available on magnetic tape. The tape headings contain information about the station, the instrument used etc. Processed data are available in the form of record-by-record presentation of all the most used wave parameters, including the computed wave spectra. In Norway exchange formats of both the raw data and the processed wave data exchange formats have been standardized. The formats are often called MDS-format, OTTER/V and OTTER/IKU-format. Detailed information will be sent on request.

Please contact the Environmental Data Centre.

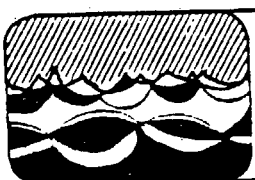
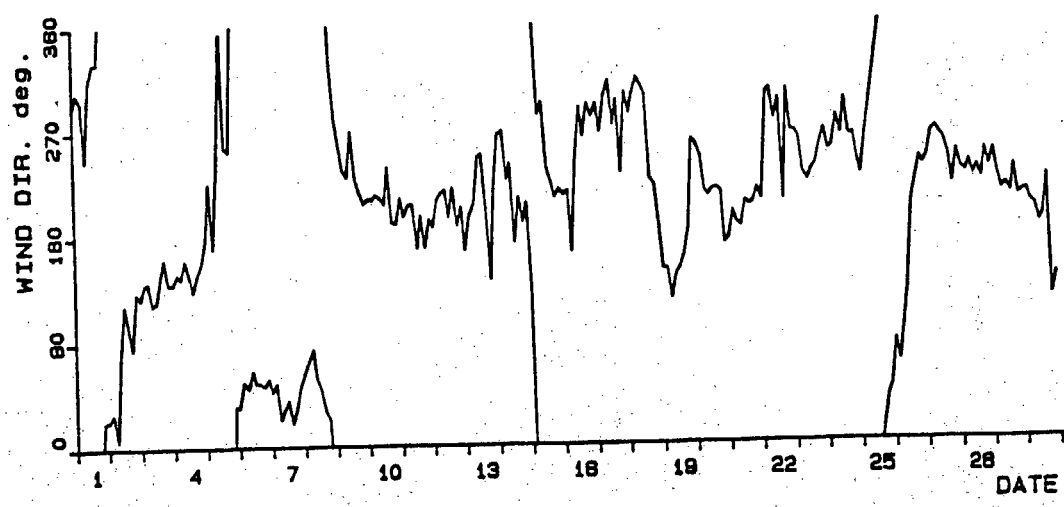
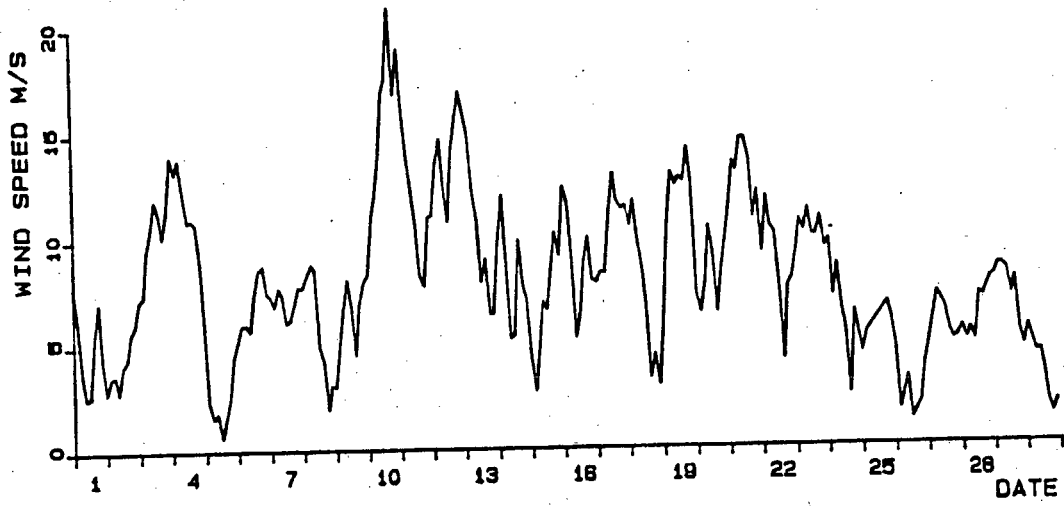
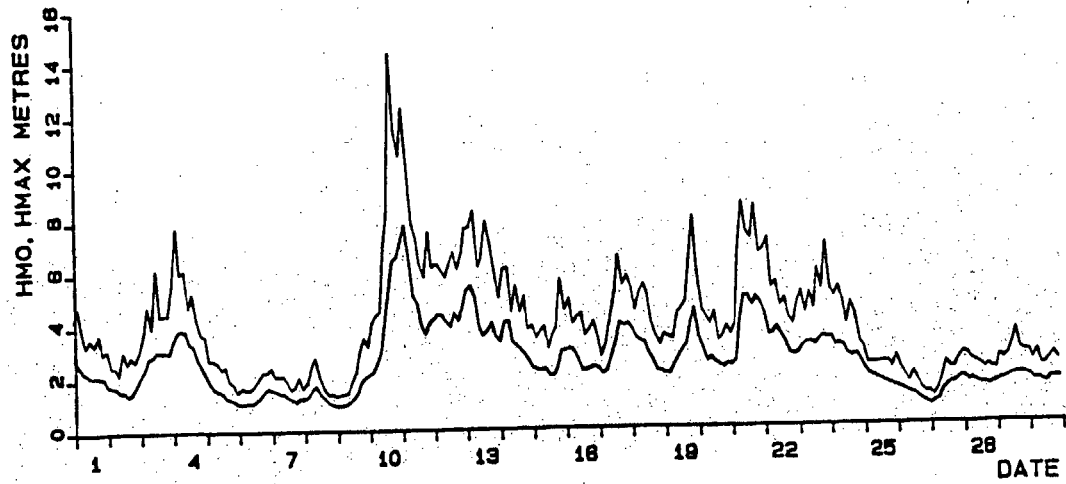
**** HALTENBANKEN APRIL 1984 ****
 WAVE MEASUREMENTS WITH THE ODAS 493 DATA BUOY

NSAMP	TIME (GMT)	M DATA	HS	HMAX	HMO	TS	TM02	TP	PRS.	M.SPD.	M.DIR.	AIR.T.	SEA.
1	1 APR. 84 AT 0: 4	2048	2.6	4.3	2.9	8.2	6.2	9.7	1015.6	7.9	290.3	4.2	
2	1 APR. 84 AT 3: 4	2048	2.4	4.8	2.6	8.4	6.5	11.6	1016.3	6.2	304.3	4.7	
3	1 APR. 84 AT 6: 4	2048	2.2	3.9	2.4	8.6	6.5	11.3	1016.7	3.7	296.8	4.2	
4	1 APR. 84 AT 9: 4	2048	2.1	3.3	2.3	8.2	6.6	8.6	1017.5	2.5	246.6	4.4	
5	1 APR. 84 AT 12: 4	2048	1.9	3.6	2.1	8.0	6.5	8.1	1018.4	2.7	313.2	5.0	
6	1 APR. 84 AT 15: 4	2048	2.0	3.4	2.2	7.8	6.3	7.8	1019.3	5.5	329.6	5.8	
7	1 APR. 84 AT 18: 4	2048	2.0	3.8	2.1	7.9	6.0	8.0	1020.6	7.1	330.6	5.9	
8	1 APR. 84 AT 21: 4	2048	1.9	3.0	2.1	7.9	6.2	7.4	1021.7	4.3	23.1	5.9	
9	2 APR. 84 AT 0: 4	2048	1.7	3.2	1.8	7.7	6.2	7.7	1022.4	2.8	23.9	5.9	
10	2 APR. 84 AT 3: 4	2048	1.6	2.5	1.7	7.7	6.2	8.7	1023.0	2.8	23.9	5.5	
11	2 APR. 84 AT 6: 4	2048	1.6	2.5	1.7	8.2	6.5	8.0	1024.0	3.5	30.2	5.5	
12	2 APR. 84 AT 9: 4	2048	1.5	2.2	1.6	8.2	6.4	8.0	1025.0	3.6	6.4	5.4	
13	2 APR. 84 AT 12: 4	2048	1.5	3.1	1.6	8.2	6.6	7.8	1025.2	2.8	77.0	5.8	
14	2 APR. 84 AT 15: 4	2048	1.3	2.7	1.4	8.5	6.3	8.5	1026.1	4.1	122.2	5.8	
15	2 APR. 84 AT 18: 4	2048	1.4	2.9	1.5	9.2	6.5	11.8	1027.1	5.6	84.8	5.2	
16	2 APR. 84 AT 21: 4	2048	1.7	2.7	1.8	10.3	6.8	10.8	1027.7	4.4	102.9	4.6	
17	3 APR. 84 AT 0: 4	2048	2.0	3.1	2.2	11.5	7.4	11.5	1028.1	7.1	127.4	4.0	
18	3 APR. 84 AT 3: 4	2048	2.3	3.8	2.4	12.1	7.3	15.1	1027.5	7.4	140.1	4.3	
19	3 APR. 84 AT 6: 4	2048	2.6	4.8	2.8	11.6	7.2	14.4	1027.7	9.5	141.6	4.1	
20	3 APR. 84 AT 9: 4	2048	2.7	4.0	2.9	10.6	6.6	14.2	1027.5	10.5	122.5	3.9	
21	3 APR. 84 AT 12: 4	2048	2.8	6.2	3.1	8.5	6.1	6.2	1026.5	11.9	125.0	3.9	
22	3 APR. 84 AT 15: 4	2048	2.7	4.4	3.0	8.4	6.1	12.6	1025.7	11.2	147.5	4.3	
23	3 APR. 84 AT 18: 4	2048	2.8	4.5	3.0	8.5	6.1	12.3	1024.8	10.1	161.5	4.8	
24	3 APR. 84 AT 21: 4	2048	2.7	4.5	3.0	8.0	6.1	11.6	1024.3	11.3	139.9	4.8	
25	4 APR. 84 AT 0: 4	2048	3.2	5.6	3.5	7.7	6.2	6.9	1023.0	13.2	148.8	4.3	
26	4 APR. 84 AT 3: 4	2048	3.5	7.8	3.8	7.7	6.3	7.6	1021.7	13.8	149.9	4.2	
27	4 APR. 84 AT 6: 4	2048	3.6	6.0	3.9	7.7	6.3	7.6	1021.0	13.8	149.9	4.2	
28	4 APR. 84 AT 9: 4	2048	3.5	6.2	3.8	7.6	6.3	8.0	1020.5	12.2	160.5	3.6	
29	4 APR. 84 AT 12: 4	2048	3.1	4.8	3.4	7.5	6.1	7.5	1019.9	10.8	146.8	4.3	
30	4 APR. 84 AT 15: 4	2048	3.0	5.3	3.3	7.3	5.9	7.2	1019.3	10.9	133.4	6.0	
31	4 APR. 84 AT 18: 4	2048	2.5	4.3	2.8	7.5	5.7	7.5	1018.9	10.7	148.1	6.2	
32	4 APR. 84 AT 21: 4	2048	2.2	3.7	2.5	7.5	5.8	6.9	1019.6	8.9	157.5	6.4	
33	5 APR. 84 AT 0: 4	2048	1.9	3.6	2.1	8.5	6.1	10.6	1020.1	5.4	178.2	6.4	
34	5 APR. 84 AT 3: 4	2048	1.7	2.8	1.9	7.9	6.1	10.3	1020.8	2.3	226.1	6.3	
35	5 APR. 84 AT 6: 4	2048	1.5	2.7	1.6	8.9	6.1	10.7	1021.5	1.5	170.7	6.2	
36	5 APR. 84 AT 9: 4	2048	1.5	2.6	1.6	8.9	6.6	11.8	1022.8	1.8	211.2	6.4	
37	5 APR. 84 AT 12: 4	2048	1.4	2.4	1.5	10.2	6.6	12.3	1023.2	0.6	354.2	6.9	
38	5 APR. 84 AT 15: 4	2048	1.4	2.4	1.5	10.0	7.1	9.8	1023.4	1.5	256.3	6.7	
39	5 APR. 84 AT 18: 4	2048	1.2	2.5	1.3	10.4	7.3	12.6	1023.9	2.4	253.4	6.8	
40	5 APR. 84 AT 21: 4	2048	1.2	1.9	1.2	11.3	7.5	10.4	1024.1	4.4	35.1	6.5	
41	6 APR. 84 AT 0: 4	2048	1.1	1.8	1.2	10.6	6.6	10.1	1024.1	4.4	35.1	6.5	
42	6 APR. 84 AT 3: 4	2048	1.0	1.5	1.1	10.3	6.6	10.1	1024.2	5.1	33.7	6.5	
43	6 APR. 84 AT 6: 4	2048	1.0	1.7	1.1	10.1	5.7	9.4	1024.4	5.9	58.1	6.3	
44	6 APR. 84 AT 9: 4	2048	1.0	1.6	1.1	9.6	5.1	15.9	1024.4	6.0	49.9	6.5	
45	6 APR. 84 AT 12: 4	2048	1.0	1.6	1.1	8.5	5.1	14.4	1025.0	5.7	58.1	6.5	
46	6 APR. 84 AT 15: 4	2048	1.1	1.8	1.2	8.5	4.9	14.6	1024.6	7.3	55.0	7.0	
47	6 APR. 84 AT 18: 4	2048	1.1	2.0	1.3	6.9	4.5	13.2	1024.6	8.6	54.2	6.8	
48	6 APR. 84 AT 21: 4	2048	1.3	2.3	1.5	7.3	4.9	13.0	1024.6	8.7	52.0	6.4	
49	7 APR. 84 AT 0: 4	2048	1.3	2.3	1.5	7.3	5.0	13.0	1025.3	7.5	58.8	6.6	
50	7 APR. 84 AT 3: 4	2048	1.4	2.4	1.6	6.7	5.0	12.8	1025.3	7.3	58.8	6.6	
51	7 APR. 84 AT 6: 4	2048	1.4	2.1	1.5	7.1	5.0	12.8	1026.1	6.8	53.8	6.4	
52	7 APR. 84 AT 9: 4	2048	1.3	2.1	1.5	7.8	5.0	12.9	1026.8	7.7	51.5	6.7	
53	7 APR. 84 AT 12: 4	2048	1.4	1.9	1.4	7.2	4.8	12.6	1028.3	7.4	31.3	6.1	
54	7 APR. 84 AT 15: 4	2048	1.1	1.9	1.3	7.8	5.0	9.2	1028.9	6.0	39.7	6.0	
			1.1	1.6	1.2	7.6	4.8	10.0	1028.9	6.2	20.2	6.1	



OBSERVATION PERIOD: APRIL 1984
 WAVE AND METEOROLOGICAL PARAMETERS AT HALTENBANKEN
ODAP OCEANOGRAPHIC DATA ACQUISITION PROJECT
 IKU CONTINENTAL SHELF INSTITUTE

FIGURE 3 TIME SERIES TABLES



OBSERVATION PERIOD : APRIL 1984
 WAVE AND WIND TIME SERIES AT HALTENBANKEN
ODAP OCEANOGRAPHIC DATA ACQUISITION PROJECT
 IKU CONTINENTAL SHELF INSTITUTE

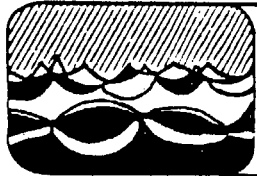
FIGURE 4 TIME SERIES PLOTS

FREQUENCY TABLE FOR HS AND TS

RECORDING PERIOD: 84-5-1--84-5-27

HS	TS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	SUM	X	AVER-
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	>18		AGE	
0.0-0.5																						0	0.0
0.5-1.0										8												4	0.0
1.0-1.5									10	18	10											2	18.9
1.5-2.0									11	3	5											2	7.3
2.0-2.5									3	12												5	26.7
2.5-3.0									2													1	7.1
3.0-3.5									3	6												3	7.2
3.5-4.0									2	4												1	7.3
4.0-4.5									2													3	5.3
4.5-5.0									3	3												2	7.6
5.0-5.5									2													1	3.4
5.5-6.0																						2	8.4
6.0-6.5																						1	4.4
6.5-7.0																						1	8.7
7.0-7.5																						0	2.4
7.5-8.0																						0	8.8
8.0-8.5																						0	5
8.5-9.0																						0	2.9
9.0-9.5																						2	9.3
9.5-10.0																						1	1.0
10.0-10.5																						0	0.5
10.5-11.0																						0	0.0
11.0-11.5																						0	0.0
11.5-12.0																						0	0.0
12.0-12.5																						0	0.0
12.5-13.0																						0	0.0
13.0-13.5																						0	0.0
13.5-14.0																						0	0.0
14.0-14.5																						0	0.0
14.5-15.0																						0	0.0
>15																						0	0.0
SUM																						0	0.0
X																						206	100.0
AVERAGE																						0	0.0
TS																						0	0.0

ODAS 493
MAY 1984



OBSERVATION PERIOD : MAY 1984
 FREQUENCY TABLE FOR HS AND TS AT HALTENBANKEN
ODAP OCEANOGRAPHIC DATA ACQUISITION PROJECT
 IKU CONTINENTAL SHELF INSTITUTE

FIGURE 5 TWO FREQUENCY TABLES

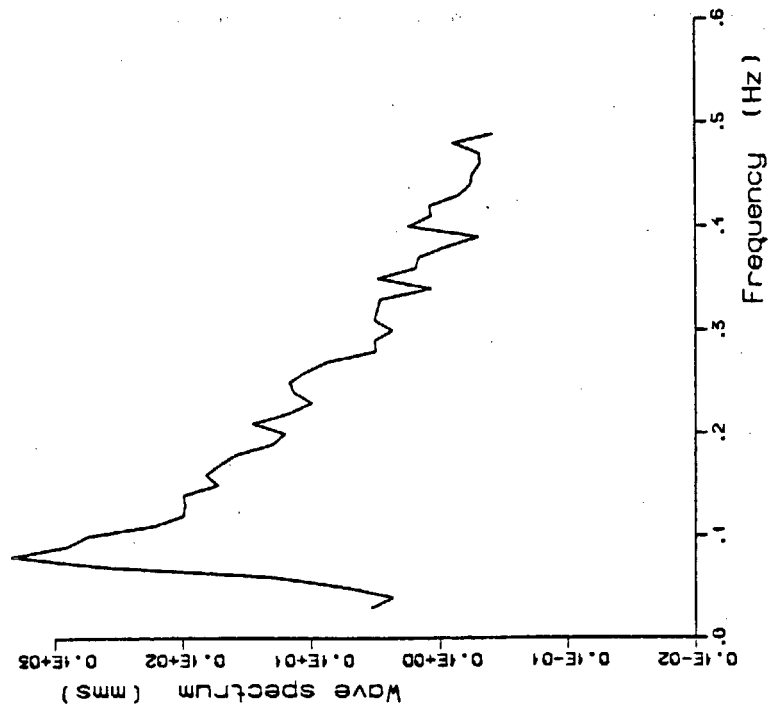
COMPUTED WAVE PARAMETERS

POWER SPECTRUM
 START OF RECORDING: 84- 4-11 AT 3. 4 RECORD LENGTH: 34 M 8 S

```

:Z E R O U P      :P A R A M E T E R S:
: C R O S S I N G :B A S E D O N
: P A R A M E T E R S :S P E C T R U M
: S M A L L W A V E :B A S E D O N 471 S P E C:
: D I S C R I M I N A T I O N :T R A L E S T I M A T E S.
: C R E S T S A N D T R O U G H S :I N T E G R A T I O N L I M I T S
: < 0.19M, P E R I O D < 1.55:0.04-0.50 H Z
    
```

HS	=	7.45	HMO	=	7.84
HMEAN	=	4.65	TP	=	12.56
HMAX	=	12.31	TL	=	5.56
HSLMAX	=	4.05	TU	=	14.10
TS	=	11.39	TPC	=	12.67
TZ	=	9.50	TM-20	=	11.21
THMAX	=	11.74	TM-10	=	10.89
TC	=	3.32	TM01	=	9.91
SIMEAN	=	0.036	TM02	=	9.15
SIMAX	=	0.113	SFP	=	234.065
SIGS1	=	0.018	MO	=	3.842
SIMAX	=	0.057	SMO2	=	0.060
S2	=	0.053	QP	=	3.57
S3	=	0.037	RB	=	0.035



SAMPLE DIAGNOSTICS.

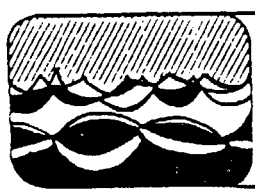
```

E R R O R T Y P E : D E F I N I T I O N S : M O : C O R R
S P I K E S : 5.0 * S T . D E V : 0 : Y E S
E Q U A L V A L U E S : M O R E T H A N 20 : 0 : N O
U N P H Y S . A C C : > 10.0 : 0 : Y E S
S I G N : > 20. S : 0 : N O
    
```

TABLE OF SPECTRAL ESTIMATES

FREQ.	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
	0.00	0.00	1.26	0.34	0.23	0.56	2.13	40.93	218.36	80.83
.1	55.24	16.86	9.85	9.59	9.86	5.33	6.56	5.10	3.79	1.98
.2	1.59	2.83	1.48	0.98	1.35	1.47	1.10	0.75	0.32	0.32
.3	0.23	0.32	0.31	0.29	0.12	0.31	0.15	0.15	0.09	0.05
.4	0.18	0.12	0.12	0.07	0.06	0.06	0.05	0.05	0.08	0.04
.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DEFINITION OF PARAMETERS : SEE PARAMETERLIST



HALTENBANKEN

OBSERVATION PERIOD : 11.484
 WAVE SPECTRUM FOR THE RECORD WITH HIGHEST HMO

ODAP OCEANOGRAPHIC DATA ACQUISITION PROJECT
 IKU CONTINENTAL SHELF INSTITUTE

ODAS 493

APRIL 1984

FIGURE 6 EXAMPLE OF SPECTRAL PRESENTATION

QUALITY CONTROL

The processing of wave data in Norway are almost 100% standardized. Since 1974 the NEPTUN wave analyses program have been used by the Continental Shelf Institute, the Norwegian Hydro-technical Laboratory and now OCEANOR A/S. The program has undergone numerous improvements, the present version is NEPTUN VI.

The quality control has always been important in the NEPTUN wave analyses. The following table lists the control criterias presently in use. If one of the criterias listed in Table 5 are violated, the sample is rejected.

Each month an error report is produced as shown in figure 7 with an error summary shown in figure 8. At the particular days and hours indicated, the data have been removed from the time series of the processed data. The instantaneous values of the sea surface (the raw data) are available at all times.

DATA CONTROL IN NEPTUN 6 :

TIME SERIES WITH FORMAT ERRORS ARE REJECTED

Data errors may be of the following types:

- Special values
- Spikes (spk)
- Unphysical accelerations (acc)
- Successive equal values (eql)
- Long periods on same side of mean (sign)
- Overflow (more than 600 waves detected)
- Special controls

The tests are done in the above indicated sequence
If the rejection criterias are violated in one test the sample is rejected

In the data control the timeseries are classified in three classes:

- OK for analysis
- OK after a minor correction
- Rejected-not good for analysis

CONTROL CRITERIA :

UNLOCK

DEF: Bad radio comm. between bouy and receiver
only used as a warning

SPIKES (SPK)

DEF: Points more than 5.0 times st. dev. away from mean value
Sample rejected: one ore more 3 or higher multiple spike (msp)
Sample rejected: sum of single and multiple spikes amounts to more than
5 % of total no of points
Sample correction: linear interpolation

SUCCESSIVE EQUAL VALUES (EQL)

DEF: More than 20 equal registrations in sequence
(Equal: difference less than .070 m)
Sample rejected: 1 or more flat regions
Sample correction: no correction procedure

UNPHYSICAL ACCELERATIONS (ACC)

DEF: Second derivative greater than acceleration of gravity at a point
Sample rejected: one or more intervals with more than 4 error points
Sample rejected: no of intervals with unacceptable acceleration
amounts to more than 5 % of total no of points
Sample correction: moving mean over 3 points

SIGN

DEF: Half wave period above 20.0 s
Sample rejected: more than 0 half periods
Sample correction: no correction procedure

SPECIAL CONTROLS

Samples with less than 50 waves are rejected.
Samples with $HS > 0.9 \cdot HMAX$ or $HS < 0.4 \cdot HMAX$
are excluded from long term statistics.

SMALL WAVE DISCRIMINATION CRITERIA

Waves with crests and troughs less than $\max(.1 \cdot \text{st.dev}, .08 \text{ m})$
are neglected. waves with period $< 1.50 \text{ s}$ too
Special treatment of highly asymmetric waves



KONTROLLKRITERIA I NEPTUN 6

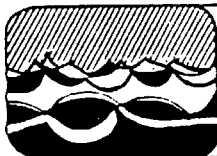
ODAP OCEANOGRAPHIC DATA AQUISITION PROJECT
OCEANOR A/S OCEANOGRAPHIC COMPANY OF NORWAY

F

ERROR REPORT FROM OUR SECTION OF FILE:

STAT.NO.	YEAR	MONTH	DAY	HOUR	STATUS	NO.ERR
2	80	9	6	4	SPIKES	1
2	80	9	17	16	ACCEL	15
2	80	9	20	10	FLAT	1
2	80	9	22	19	SPIKES	1
2	80	9	27	10	ACCEL	11
2	80	9	28	16	ACCEL	24
2	80	9	29	16	FLAT	1
2	80	9	29	17	SPIKES	3
2	80	9	30	13	SPIKES	2
2	80	9	30	16	SPIKES	2

RESULTAT AV DATAKONTROLL, IKKE GODKJENTE DATA



OBSERVASJONSPERIODE: HALTEN SEPTEMBER 1980

ODAP OSEANOGRFISK DATA PROSJEKT
 NHL NORGES HYDRODYNAMISKE LABORATORIER div. VHL

934

List of References

- 1981 Environmental Data Atlas and Catalogue for the Norwegian Shelf and Adjacent Waters. CONOCO NORWAY INC. Sep. 1984
Copies of the Atlas are available from the Environmental Data Centre, Norwegian Meteorological Institute.
- 1982 MIAS Catalogue of instrumentally-measured Wave Data. Marine Information and Advisory Service. Second Edition March 1982.
Copies are available from MIAS Institute of Oceanographic Sciences, Wormley, Godalmin Surrey, GU85UB, UK.

LIST OF ODAP REPORTS.

Below is given the complete list of data reports from wave measurements at Utsira, Haltenbanken, Trænabanken and Svendsgrunnen and from environmental data collection under ODAP's management.

	Data	Measurement location, conf. figure 1.
1. Bølgemålinger rundt norskekysten. Resultater av analyserte bølgedata fra Utsira, Halten og Svendsgrunnen. Data fra perioden 1970 - 77. IKU - O 121/78.	waves	Utsira, Halten Svendsgrunnen
2. Bølgemålinger på Halten og Utsira 1978. IKU - P 214/1/79.	waves	Halten, Utsira
3a. Bølgemålinger norskekysten. Halten og Utsira. 1. kv. 1979. VHL/notat nr. 1.	waves	Halten, Utsira
3b. Bølgemålinger norskekysten. Halten og Utsira, 2. kv. 1979. VHL/notat nr. 2.	waves	Halten, Utsira
3c. Bølgemålinger norskekysten. Halten og Utsira. 3. kv. 1979. VHL/notat nr. 3.	waves	Halten, Utsira
3d. Bølgemålinger norskekysten. Halten og Utsira. 4. kv. 1979. VHL/notat nr. 4.	waves	Halten, Utsira
ODAP-reports from 1.1.1980		
Report no.:		
1. Miljødatainnsamling på Haltenbanken, 7. febr. - 16. april 1980. IKU.	waves current wind	Halten (outer)
2. Bølgemålinger på norskekysten, jan. - mars 1980. NHL.	waves	Halten (inner), Utsira, Torsvåg
3. Bølgemålinger på norskekysten, april - juni 1980. NHL.	waves	Halten (inner), Utsira, Torsvåg
4. Miljødatainnsamling langs norskekysten, 16. april - 24. juni 1980. IKU.	waves current wind	Halten (outer)
5. Miljødatainnsamling langs norskekysten, 24. juni - 31. oktober 1980. IKU.	waves current wind	Halten (outer), Træna

016/A/1/mb/12. febr. 1985

6. Bølgemålinger på norskekysten, juli - september 1980. NHL.	waves	Halten (inner), Utsira, Torsvåg
7. Bølgemålinger på norskekysten, oktober - desember 1980. NHL.	waves	Halten (inner), Utsira, Torsvåg
8. Oseanografiske målinger på Træna-banken, 26. august - 10. oktober 1980. NHL.	current	Træna
9. Miljødatainnsamling langs norskekysten, november - desember 1981. IKU.	waves current wind	Halten (outer), Træna
10. Bølgemålinger på norskekysten, januar - mars 1981. NHL.	waves	Halten (inner), Utsira, Torsvåg
11. Miljødatainnsamling langs norskekysten, januar - februar 1981. IKU.	waves current wind	Halten (outer), Træna
12. Bølgemålinger på norskekysten, april - juni 1981. NHL.	waves	Halten (inner), Utsira, Torsvåg
13. Miljødatainnsamling langs norskekysten, mars - april 1981. IKU.	waves current wind	Halten (outer), Træna
14. Miljødatainnsamling langs norskekysten, mai - juni 1981. IKU.	waves current wind	Halten (outer), Træna
15. Bølgemålinger på norskekysten, juli - september 1981. NHL.	waves	Halten (inner), Utsira, Torsvåg
16. Bølgemålinger på norskekysten, oktober - desember 1981. NHL.	waves	Halten (inner), Utsira, Torsvåg
17. Miljødatainnsamling langs norskekysten. Oseanografiske målinger mellom Sørøya og Tromsøflaket, 3. april - 28. mai 1981. NHL.	current	Tromsøflaket
18. Miljødatainnsamling langs norskekysten, juli - september 1981. IKU.	waves current wind	Halten (outer), Træna
19. Miljødatainnsamling langs norskekysten, oktober - desember 1981. IKU.	waves current wind	Halten (outer), Træna
20. Bølgemålinger på norskekysten, januar - mars 1982. NHL.	waves	Halten (inner), Utsira, Torsvåg

016/A/2/mb/12. febr. 1985

Data	Measurement R	Location
21. Bølgemålinger på norskekysten, april - juni 1982. NHL.	waves	Halten (inner), Utsira, Torsvåg
22. Miljødatainnsamling langs norskekysten, januar - mars 1982. IKU.	waves current wind	Halten (outer) Træna (outer)
23. Miljødatainnsamling langs norskekysten, april - mai 1982. IKU.	waves current wind	Halten (outer) Træna (outer)
24. Bølgemålinger på norskekysten, juli - september 1982. NHL.	waves	Halten (inner), Utsira, Torsvåg
25. Strømmålinger på Trænabanken, januar - juni 1982. NHL.	current	Træna (outer)
26. Miljødatainnsamling langs norskekysten. Strømmålinger på Trænabanken, juli - desember 1982. NHL.	current	Træna (outer)
27. Bølgemålinger på norskekysten, oktober - desember 1982. NHL.	waves	Halten (inner), Utsira, Træna (inner), Torsvåg
28. Environmental data collection along the Norwegian Coast. June - September 1982. IKU.	waves current wind	Halten (outer) Træna (outer)
29. Bølgemålinger på Polarfront, OWS "M", mars - desember 1982. NHL.	waves	OWS "M" (N66°, E2°)
30. Strømmålinger på Trænabanken, 11. jan. - 18. april 1983. NHL.	current	Træna (outer)
31. Bølgemålinger på norskekysten, januar - mars 1983. NHL.	waves	Halten (inner) Utsira Træna (inner) Torsvåg OWS "M" (N66°, E2°)
32. Environmental data collection along the Norwegian coast. October - December 1982. IKU.	waves current wind	Halten (outer) Træna (outer)
33. Bølgemålinger på norskekysten, april - juni 1983.	waves	Halten (inner) Utsira Træna (inner) Torsvåg OWS "M" (N66°, E2°)
34. Oseanografiske målinger på Trænabanken, 10. nov. 1982 - 11. jan. 1983. NHL.	current	Træna

016/A/3/mb/12. febr. 1985

35. Strømmålinger på Trænabanken, 18. april - 24. juni 1983. NHL.	current	Træna (outer)	
36. Bølgemålinger på norskkysten, juli - september 1983. NHL.	waves	Utsira Halten (inner) Træna (inner) Torsvåg OWS "M" (N66 ⁰ , E2 ⁰)	
37. Strømmålinger på Trænabanken, juni - september 1983. NHL.	current	Træna (outer)	
38. Hydrographic investigations and surface current measurements on Trænabanken 1982.	current hydro- graphy	Træna	
39. Environmental data collection along the Norwegian coast January - March 1983. IKU.	waves current	Halten (outer) Træna (outer)	
40. Environmental data collection along the Norwegian coast, April-June 1983. IKU.	waves current	Halten (outer) Træna (outer)	28. Mars 84.
41. Bølgemålinger på norskekysten, oktober-desember 1983. NHL.	waves	Utsira Halten (inner) Træna (inner) Torsvåg OWS "M" (N66 ⁰ , E2 ⁰)	26. Mars 84.
42. Overflatestrømmålinger og hydrografiske målinger på Trænabanken, januar-juni 1983.	current hydro- graphy.	Træna (outer)	26. Mars 84.
43. Bølgemålinger på norskekysten januar - mars 1984, NHL	waves	Utsira Halten (inner) Træna (inner) Torsvåg OWS "M" (N66 ⁰ , E2 ⁰)	1. July 84.
44. Strømmålinger på Trænabanken 10 nov. 83 - 21 mars 84, NHL	current	Træna	8. Aug. 84.
45. Environmental data collection along the Norwegian coast July - September 1983, IKU	waves current	Halten (outer) Træna (outer)	21. June 84.
46. Environmental data collection along the Norwegian coast October - December 1983, IKU	waves current	Halten (outer) Træna (outer)	20. Nov. 84.
47. Environmental data collection along the Norwegian coast. Current and Hydrographic measurements. March - April 1984, IKU, NHL.	current hydro- graphy	Halten Træna	25. Sept. 84

016/A/4/mb/12. febr. 1985

	Data	Measurement Location	Distribution Month
48. Wave measurements on Sentralbanken, December 1983 - July 1984, IKU.	waves	Sentralbanken	1 Febr. 85.
49. Overflate strømmålinger og hydrografiske målinger på Trænabanken. Juli 1983 - Mars 1984, IKU, NHL.	current hydrography	Træna (outer)	20 Dec. 85.
50. Miljødata for Møre I og Troms II En oversikt. DNMI, NHL, IKU.	current waves Hydrography	Møre I Troms II	16 Dec. 85.
51. Bølgemålinger på norskekysten, april - juni 1984, NHL	waves	Utsira Træna (inner) Torsvåg	14 Feb. 85.
52. Bølgemålinger på norskekysten, juli - sept. 1984, NHL	waves	Utsira Træna (inner) Torsvåg	Feb. 85
53. Bølgemålinger på norskekysten, okt. - des. 1984, NHL	waves	Utsira Stad Torsvåg	Feb. 85
54. Environmental data collection along the Norwegian coast January - March 1984, IKU	waves current	Halten (outer) Træna (outer)	Feb. 85
55. Environmental data collection along the Norwegian coast April - June 1984, IKU	waves	Halten (outer)	5 March 85
56. Environmental data collection along the Norwegian coast July - September 1984, IKU	waves	Halten (outer)	
57. Environmental data collection along the Norwegian coast October - December 1984, IKU	waves	Halten (outer)	

016/A/5/mb/12. febr. 1985

REF.NO: 47 ONE DEGREE SQUARE: 1401 95
PARAMETER: WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jan 1980 30 Mar 1980
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the Norwegian coast

OTHER MEASUREMENTS

Standard meteorological observations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jan 79%, Feb 40%, Mar 37%

REPORTS

ODAP report no. 02

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 48
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 31 Mar 1980 30 Jun 1980
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian coast

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 86%, May 100%, Jun 98%

REPORTS

ODAP report no. 03

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 49 ONE DEGREE SQUARE: 1401 95
PARAMETER: WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 29 Jun 1980 01 Oct 1980
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the Norwegian coast

OTHER MEASUREMENTS

Standard meteorological observations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jul 88%, Aug 73%, Sep 98%

REPORTS

ODAP report no. 06

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 50
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Oct. 1980 01 Jan 1981
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian coast

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 97%, Nov 95%, Dec 51%

REPORTS

ODAP report no. 07

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 51
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jan 1981 31 Mar 1981
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian coast

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 96%, Feb 98% Mar 96%

REPORTS

ODAP report no. 10

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 52
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Apr 1981 30 Jun 1981
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian coast

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 100%, May 99%, Jun 85%

REPORTS

ODAP report no. 12

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 53

PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jul 1981 30 Sep 1981
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 78%, Aug 61%, Sep 94%

REPORTS

ODAP report no. 15

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 54
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
05 Oct 1981 31 Dec 1981
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 77%, Nov 62%, Dec 91%

REPORTS

ODAP report no. 16

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 55
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jan 1982 31 Mar 1982
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 32%, Feb 40%, Mar 98%

REPORTS

ODAP report no. 20

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 56
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Apr 1982 30 Jun 1982
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 74%, May 12%, Jun 45%

REPORTS

ODAP report no. 21

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 57

ONE DEGREE SQUARE: 1401 95
WAVES

PARAMETER:

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jul 1982 30 Sep 1982
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 55%, Aug 46%, Sep 100%

REPORTS

ODAP report no. 24

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 58
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Oct 1982 31 Dec 1982
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 99%, Nov 98%, Dec 99%

REPORTS

ODAP report no. 27

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 59
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jan 1983 31 Mar 1983
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological observations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jan 79%, Feb 99%, Mar 100%

REPORTS

ODAP report no. 31

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 66
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Apr 1983 30 Jun 1983
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 100%, May 100%, Jun 82%

REPORTS

ODAP report no. 33

DATA CONTACT

The Norwegian Meteorological Institu-
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 71
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jul 1983 30 Sep 1983
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 42%, Aug 91%, Sep 97%

REPORTS

ODAP report no. 36

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, Telex 19931

REF.NO: 80
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Oct 1983 31 Dec 1983
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data: Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 100%, Nov 99%, Dec 99%

REPORTS

ODAP report no. 41

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 85
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jan 1984 31 Mar 1984
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 100%, Feb 97%, Mar 96%

REPORTS

ODAP report no. 43

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 93
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Apr 1984 30 Jun 1984
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 100%, May 100%, Jun 94%

REPORTS

ODAP report no. 51

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 96 ONE DEGREE SQUARE: 1401 95
PARAMETER: WAVES

LOCATION

Location: UTSIRA
Position: 59,30 N 4,80 E
Period covered: 01 Jul 1984 30 Sep 1984
Mean water depth: 220 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Midwater mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate off the Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological observations at Utsira lighthouse

DATA

Original data:

Processed data:

Zero upcrossing and spectral parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jul 99%, Aug 99%, Sep 99%

REPORTS

ODAP report no. 52

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 101
PARAMETER:

ONE DEGREE SQUARE: 1401 95
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

UTSIRA
59,30 N 4,80 E
01 Oct 1984 31 Dec 1984
220 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Midwater mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate off the
Norwegian shelf

OTHER MEASUREMENTS

Standard meteorological obser-
vations at Utsira lighthouse

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 100%, Nov 78%, Dec 99%

REPORTS

ODAP report no. 53

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 98
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location: YTTERHOLMEN
Position: 66,0 N 11,16 E
Period covered: 06 Oct 1982 31 Dec 1982
Mean water depth: 270 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 73%, Nov 89%, Dec 87%

REPORTS

ODAP report no. 27

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 99
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

YTTERHOLMEN
66.0 N 11,16 E
01 Jan 1983 31 Mar 1983
270 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

DATA

Original data:

Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 71%, Feb 92%, Mar 98%

REPORTS

ODAP report no. 31

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 67
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location: YTTERHOLMEN
Position: 66,0 N 11,16 E
Period covered: 01 Apr 1983 30 Jun 1983
Mean water depth: 270 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data:

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 100%, May 82%, Jun 74%

REPORTS

ODAP report no. 33

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 72
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

YTTERHOLMEN
66,0 N 11,16 E
01 Jul 1983 30 Sep 1983
270 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 97%, Aug 66%, Sep 98%

REPORTS

ODAP report no. 36

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 81

PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location: YTTERHOLMEN
Position: 66,0 N 11,16 E
Period covered: 01 Oct 1983 31 Dec 1983
Mean water depth: 270 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data:

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 86%, Nov 97%, Dec 96%

REPORTS

ODAP report no. 41

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 86
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

YTTERHOLMEN
66,0 N 11,16 E
01 Jan 1984 31 Mar 1984
270 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 100%, Feb 99%, Mar 98%

REPORTS

ODAP report no. 43

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 94
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location: YTTERHOLMEN
Position: 66,0 N 11,16 E
Period covered: 01 Apr 1984 24 Jun 1984
Mean water depth: 270 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Dubsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Oceanographic Company of
Norway A/S

NOTES

Data coverage (%)
Apr 98%, May 59%, Jun 68%

REPORTS

ODAP report no. 51

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 97
PARAMETER:

ONE DEGREE SQUARE: 1500 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

YTTERHOLMEN
66,0 N 11,16 E
17 Jul 1984 28 Aug 1984
270 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Oceanographic Company of
Norway A/S

NOTES

Data coverage (%)
Jul 14%, Aug 72%

REPORTS

ODAP report no. 52

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 102
PARAMETER:

ONE DEGREE SQUARE: 1501 25
WAVES

LOCATION

Location: STAD
Position: 62,16 N 4,78 E
Period covered: 23 Oct 1984 31 Dec 1984
Mean water depth: 180 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing, spectral
parameters on magnetic tapes

Data collected by:

Oceanographic Company of
Norway A/S

NOTES

Data coverage (%)
Oct 29%, Nov 98%, Dec 62%

REPORTS

ODAP report no. 53

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 13
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,18 N 9,13 E
01 Jan 1980 31 Mar 1980
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy, 50 m
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jan 84%, Feb 39%, Mar 79%

REPORTS

ODAP report no. 02

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 14
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E
Period covered: 01 Apr 1980 30 Jun 1980
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Apr 40%, May 50%, Jun 59%

REPORTS

ODAP report no. 03

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 15
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,43 N * 8,85 E
01 Jul 1980 30 Sep 1980
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jul 92%, Aug 85%, Sep 64%

*Position alters with seasons
From 1 Sep: 64,18 N 9,13 E

REPORTS

ODAP report no. 06

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 16 ONE DEGREE SQUARE: 1501 40
PARAMETER: WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E
Period covered: 01 Oct 1980 31 Dec 1980
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Oct 79%, Nov 71%, Dec 52%

REPORTS

ODAP report no. 07

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 17
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,18 N 9,13 E
01 Jan 1981 29 Mar 1981
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jan 63%, Feb 54%, Mar 54%

REPORTS

ODAP report no. 10

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 18
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E *
Period covered: 10 Apr 1981 27 Jun 1981
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Apr 59%, May 48%, Jun 38%

* From 2/5 - 31/8: 64,43 N 8,85 E

REPORTS

ODAP report no. 12

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 19
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,43 N 8,85 E
03 Jul 1981 30 Sep 1981
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jul 33%, Aug 52%, Sep 71%

REPORTS

ODAP report no. 15

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 20
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E *
Period covered: 01 Oct 1981 31 Dec 1981
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Oct 67%, Nov 65%, Dec 68%

*Position alters with seasons

REPORTS

ODAP report no. 16

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 21
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,18 N 9,13 E *
01 Jan 1982 31 Mar 1982
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jan 70%, Feb 79%, Mar 65%

*Position alters with seasons

REPORTS

ODAP report no. 20

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 22
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E *
Period covered: 01 Apr 1982 - 30 Jun 1982
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Apr 80%, May 54%, Jun 51%

*From 2/5 - 30/6: 64,43 N 8,85 E
Position alters with seasons

REPORTS

ODAP report no. 21

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 23
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,43 N 8,85 E *
01 Jul 1982 16 Sep 1982
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jul 60%, Aug 24%, Sep 45%

*Position alters with seasons
From 1 Sep: 64,18 N 9,13 E

REPORTS

ODAP report no. 24

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 24
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,18 N 9,13 E
Period covered: 01 Oct 1982 30 Dec 1982
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Oct 82%, Nov 74%, Dec 33%

REPORTS

ODAP report no. 27

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 25
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,18 N 9,13 E
05 Jan 1983 31 Mar 1983
130 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jan 68%, Feb 95%, Mar 98%

REPORTS

ODAP report no. 31

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 65
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 64,16 N 9,16 E *
Period covered: 01 Apr 1983 30 Jun 1983
Mean water depth: 130 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 98%, May 90%, Jun 85%

* May and Jun: 65,41 N 8,88 E

REPORTS

ODAP report no. 33

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 70
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
65,41 N 8,88 E
01 Jul 1983 30 Sep 1983
190 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 62%, Aug 78%, Sep 98%

REPORTS

ODAP report no. 36

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 79
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location: HALTEN
Position: 65,41 N 8,88 E *
Period covered: 01 Oct 1983 31 Dec 1983
Mean water depth: 190 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface buoy
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing, spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 75%, Nov 91%, Dec 100%
* In Nov and Dec: 64,18 N 9,15 E

REPORTS

ODAP report no. 41

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway
Phone (472)605090, telex 19931

REF.NO: 84
PARAMETER:

ONE DEGREE SQUARE: 1501 40
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTEN
64,18 N 9,15 E
01 Jan 1984 14 Mar 1984
190 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface buoy
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave conditions in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing, spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 100%, Feb 95%, Mar 94%

REPORTS

ODAP report no. 43

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 1
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,6 E
Period covered: 15 Mar 1980 11 Apr 1980
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and directional spectrum parameters on magnetic tapes

Data collected by:

Continental Shelf Institute for ODAP project

NOTES

Data coverage (%)
Mar 53%, Apr 83%

REPORTS

ODAP report no. 01

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 2
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,0 N 7,6 E
16 Apr 1980 23 Jun 1980
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAF project

NOTES

Data coverage (%)
Apr 83%, May 84%, Jun 99%

REPORTS

ODAF report no. 04

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 3
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,6 E
Period covered: 23 Jun 1980 19 Sep 1980
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jun 99%, Jul 99%, Aug 84%,
Sep 63%

REPORTS

ODAP report no. 05

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 4
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,0 N 7,6 E
01 Nov 1980 31 Dec 1980
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%).
Oct 0%, Nov 86%, Dec 78%

REPORTS

ODAP report no. 09

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 5
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,5 E
Period covered: 01 Jan 1981 28 Feb 1981
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open Ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 54%, Feb 24%

REPORTS

ODAP report no. 11

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 6
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,0 N 7,5 E
01 Mar 1981 30 Apr 1981
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Mar 64%, Apr 40%

REPORTS

ODAP report no. 13

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 7

ONE DEGREE SQUARE: 1501 52
WAVES

PARAMETER:

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,5 E
Period covered: 01 May 1981 30 Jun 1981
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and directional spectrum parameters on magnetic tapes

Data collected by:

Continental Shelf Institute for ODAP project

NOTES

Data coverage (%)
May 23%, Jun 46%

REPORTS

ODAP report no. 14

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 8
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,0 N 7,5 E
01 Jul 1981 30 Sep 1981
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 30%, Aug 36%, Sep 15%

REPORTS

ODAP report no. 18

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 9

ONE DEGREE SQUARE: 1501 52
WAVES

PARAMETER:

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,5 E
Period covered: 01 Oct 1981 03 Dec 1981
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Oct 57%, Nov 65%, Dec 7%

REPORTS

ODAP report no. 19

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 10
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,0 N 7,5 E
02 Mar 1982 31 Mar 1982
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 0%, Feb 0%, Mar 97%

REPORTS

ODAP report no. 22

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 11
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,0 N 7,5 E
Period covered: 01 Apr 1982 31 May 1982
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Apr 100%, May 98%

REPORTS

ODAP report no. 23

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 12
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,03 N 7,5 E
01 Jun 1982 30 Sep 1982
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 120
Open ocean mooring
2 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAF project

NOTES

Data coverage (%)
Jun 85%, Jul 83%, Aug 99%,
Sep 98%

REPORTS

ODAF report no. 28

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 62
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,03 N 7,55 E
Period covered: 01 Oct 1982 31 Dec 1982
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 120
Type of mounting: Open ocean mooring
Sample of frequency: 2 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Oct 99%, Nov 94%, Dec 85%

REPORTS

ODAP report no. 32

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 74
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,03 N 7,55 E
01 Jan 1983 11 Feb 1983
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 120
Open ocean mooring
2 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for QDAP project

NOTES

Data coverage (%)
Jan 85%, Feb 37%, Mar 0%

REPORTS

QDAP report no. 39

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 76
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,03 N 7,55 E
Period covered: 27 Apr 1983 30 Jun 1983
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 120
Type of mounting: Open ocean mooring
Sample of frequency: 2 Hz*
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Apr 11%, May 99%, Jun 99%

* 27.4. - 30.6.: 1 Hz, 1024 secs

REPORTS

ODAP report no. 40

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 88
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,03 N 7,55 E
01 Jul 1983 30 Sep 1983
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 120
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 76%, Aug 0%, Sep 89%

REPORTS

ODAP report no. 45

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 90
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,03 N 7,55 E
Period covered: 01 Oct 1983 31 Dec 1983
Mean water depth: 251-m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 120
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz*
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)

Oct 82%, Nov 82%, Dec 78%

*9.10. - 31.12.: 1 Hz, 2048 secs

REPORTS

ODAP report no. 46

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 103
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,03 N 7,55 E
01 Jan 1984 31 Mar 1984
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 120 *
Open ocean mooring
1 Hz
2048 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 98%, Feb 77%, Mar 77%

* From 8th March: Hippy 40

REPORTS

ODAP report no. 54

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 105
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,03 N 7,55 E
Period covered: 01 Apr 1984 30 Jun 1984
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 2048 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Apr 97%, May 83%, Jun 95%

REPORTS

Odap report no. 55

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 106
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

HALTENBANKEN
65,03 N 7,55 E
01 Jul 1984 30 Sep 1984
251 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
2048 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 88%, Aug 53%, Sep 96%

REPORTS

Odap report no. 56

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 107
PARAMETER:

ONE DEGREE SQUARE: 1501 52
WAVES

LOCATION

Location: HALTENBANKEN
Position: 65,03 N 7,55 E
Period covered: 01 Oct 1984 31 Dec 1984
Mean water depth: 251 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40 *
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 2048 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Oct 92%, Nov 81%, Dec 91%

* From 18th Oct: Hippy 120

REPORTS

ODAP report no. 57

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 39
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRENABANKEN
66,30 N 9,53 E
01 Jul 1980 30 Oct 1980
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 100%, Aug 21%, Sep 51%

REPORTS

ODAP report no. 05

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 40
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRENABANKEN
Position: 66,30 N 9,53 E
Period covered: 01 Nov 1980 31 Dec 1980
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Nov 100%, Dec 99%

* No Wave observations: 1 Jan 1981 -
5 Jun 1981

REPORTS

ODAP report no. 09

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 41
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRÆNABANKEN
66,33 N 9,50 E
05 Jun 1981 26 Jun 1981
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shell Institute
for ODAP project

NOTES

Data coverage (%)
Jun 55 %

REPORTS

ODAP report no. 14

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 42
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRÆNABANKEN
Position: 66,33 N 9,50 E
Period covered: 01 Jul 1981 08 Sep 1981
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 52%, Aug 65%, Sep 38%

REPORTS

ODAP report no. 18

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472) 605090, telex 19931

REF.NO: 43
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRÆNABANKEN
66,33 N 9,66 E
26 Sep 1981 31 Dec 1981
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Sep 38%, Oct 99%, Nov 98%, Dec 76%

REPORTS

ODAP report no. 19

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 44
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRÆNABANKEN
Position: 66,33 N 9,66 E
Period covered: 01 Jan 1982 11 Mar 1982
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 100%, Feb 20%, Mar 31%

REPORTS

ODAP report no. 22

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 45
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRÆNABANKEN
66,33 N 9,66 E
01 Apr 1982 30 May 1982
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Apr 98%, May 98%

REPORTS

ODAP report no. 23

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 46
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRÆNABANKEN
Position: 66,30 N 9,53 E
Period covered: 04 Jun 1982 28 Aug 1982
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 2048 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jun 84%, Jul 56%, Aug 65%

REPORTS

ODAP report no. 28

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 63
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRENABANKEN
66,30 N 9,53 E
19 Oct 1982 31 Dec 1982
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz
2048 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Oct 39%, Nov 86%, Dec 60%

REPORTS

ODAP report no. 32

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 75
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRÆNABANKEN
Position: 66,30 N 9,53 E
Period covered: 01 Jan 1983 31 Mar 1983
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 2048 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 98%, Feb 64%, Mar 83%

REPORTS

ODAP report no. 39

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 77
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Locations:
Position:
Period covered:
Mean water depth:
Recording depth:

TRÆNABANKEN
66,30 N 9,53 E
01 Apr 1983 - 30 Jun 1983
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
2 Hz*
2048 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Apr 88%, May 74%, Jun 70%

*27.6. - 30.6.: 1 Hz, 1024 secs

REPORTS

ODAP report no. 40

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 89
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRENABANKEN
Position: 66,30 N 9,53 E
Period covered: 01 Jul 1983 30 Sep 1983
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz
Record duration: 1024 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jul 99%, Aug 94%, Sep 100%

REPORTS

ODAP report no. 45

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 91
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TRÆNABANKEN
66,30 N 9.53 E
01 Oct 1983 31 Dec 1983
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Hippy 40
Open ocean mooring
1 Hz*
1024 secs
3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Oct 57%, Nov 58%, Dec 78%

*19.10. - 9.11.: 1 Hz, 2048 secs

REPORTS

ODAP report no. 46

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 104
PARAMETER:

ONE DEGREE SQUARE: 1501 60
WAVES

LOCATION

Location: TRÆNABANKEN
Position: 66,30 N 9,53 E
Period covered: 01 Jan 1984 11 Mar 1984
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Hippy 40
Type of mounting: Open ocean mooring
Sample of frequency: 1 Hz*
Record duration: 2048 secs
Record interval: 3 hr

REASON FOR RECORDING

Wave conditions in connection
with offshore oil activities

OTHER MEASUREMENTS

Current
Meteorological

DATA

Original data:

Processed data:

Zero upcrossing, spectral and
directional spectrum para-
meters on magnetic tapes

Data collected by:

Continental Shelf Institute
for ODAP project

NOTES

Data coverage (%)
Jan 75%, Feb 88%, Mar 35%

*8 Feb - 11 Mar: 1.6 Hz 1280 secs

REPORTS

ODAP report no. 54

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 60
PARAMETER:

ONE DEGREE SQUARE: 1501 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

WEATHERSHIP "M"
66,0 N 2,0 E
01 Mar 1982 31 Dec 1982
2200 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Shipborne Waverecorder
On ship
2 Hz
20 min
3 hr*

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data:

Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data Coverage (%)

Mar 57%, Apr 70%, May 50%, Jun 75%,
Jul 82%, Aug 84%, Sep 87%, Nov 75%,
Dec 79%

*Hourly rec. for meteorological purp

REPORTS

QDAP report no. 29

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 61
PARAMETER:

ONE DEGREE SQUARE: 1501 68
WAVES

LOCATION

Location: WEATHERSHIP "M"
Position: 66,0 N 2,0 E
Period covered: 01 Jan 1983 31 Mar 1983
Mean water depth: 2200 m
Recording depth:

INSTRUMENT

Instrument type: Shipborne Waverider
Type of mounting: On ship
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr*

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data: Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 63%, Feb 88%, Mar 89%

*Hourly rec for meteorological purpose

REPORTS

ODAP report no. 31

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 68
PARAMETER:

ONE DEGREE SQUARE: 1501 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

WEATHERSHIP "M"
66,0 N 2,36 E
01 Apr 1983 31 Jun 1983
2200 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Shipborn Waverider
On ship
2 Hz
20 min
3 hr*

REASON FOR RECORDING

Meteorological Wave climat

OTHER MEASUREMENTS

DATA

Original data:

Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 93%, May 93%, Jun 93%

*Hourly rec. for meteorological purp

REPORTS

ODAP report no. 33

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 73

ONE DEGREE SQUARE: 1501 68
WAVES

PARAMETER:

LOCATION

Location: WEATHERSHIP "M"
Position: 66,0 E 2,0 E
Period covered: 01 Jul 1983 30 Sep 1983
Mean water depth: 2200 m
Recording depth:

INSTRUMENT

Instrument type: Shipborne Waverider
Type of mounting: on ship
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr*

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data: Digital magnetic tape

Processed data:

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 84%, Aug 88%, Sep 86%

*Hourly rec. for meteorological purpose

REPORTS

ODAP report no. 36

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 82
PARAMETER:

ONE DEGREE SQUARE: 1501 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

WEATHERSHIP "M"
66,0 N 2,0 E
01 Oct 1983 31 Dec 1983
2200 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Shipborne Waverider
On ship
2 Hz
20 min
2 hr

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data:

Digital magnetic tape

Processed data:

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 75%, Nov 84%, Dec 89%

REPORTS

ODAP report no. 41

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 87

ONE DEGREE SQUARE: 1501 68 WAVES

PARAMETER:

LOCATION

Location:	WEATHERSHIP "M"
Position:	66,0 N 2,0 E
Period covered:	01 Jan 1984 31 Mar 1984
Mean water depth:	2200 m
Recording depth:	

INSTRUMENT

Instrument type:	Shipborne Waverider
Type of mounting:	On ship
Sample of frequency:	2 Hz
Record duration:	20 min
Record interval:	3hr*

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data:

Processed data:

Zero upcrossing and spectral parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jan 84%, Feb 84%, Mar 87%

*Hourly rec. for meteorological purpose

REPORTS

ODAP report no. 43

DATA CONTACT

The Norwegian Meteorological Institute
 Environmental Data Centre
 P.O. Box 320, Blindern
 N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 108
PARAMETER:

ONE DEGREE SQUARE: 1501 68
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

WEATHERSHIP "M"
66,0 N 2,0 E
01 Apr 1984 30 Sep 1984
2200 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Shipborne Waverider
On ship
2 Hz
20 min
3hr*

REASON FOR RECORDING

Meteorological wave climate

OTHER MEASUREMENTS

Meteorological

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Oceanographic Company of
Norway A/S

NOTES

Data coverage (%)

REPORTS

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 26
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jan 1980 31 Mar 1980
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jan 76%, Feb 48%, Mar 79%

REPORTS

ODAP report no. 02

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 27
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Apr 1980 29 Jun 1980
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Apr 43%, May 58%, Jun 30%

REPORTS

ODAP report no. 03

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 28
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jul 1980 30 Sep 1980
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic Labora-
tories

NOTES

Data coverage (%)
Jul 92%, Aug 85%, Sep 64%

REPORTS

ODAP report no. 06

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 29
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Oct 1980 31 Dec 1980
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 40%, Nov 68%, Dec 79%

REPORTS

ODAP report no. 07

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 30
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSV&G
Position: 70,43 N 19,55 E
Period covered: 01 Jan 1981 31 Mar 1981
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 80%, Feb 77%, Mar 67%

REPORTS

ODAP report no. 10

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway
Phone (472)605090, telex 19931

REF. NO: 31
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVAG
70,43 N 19,55 E
01 Apr 1981 30 Jun 1981
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 90%, May 86%, Jun 94%

REPORTS

ODAP report no. 12

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 32
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSV&G
Position: 70,43 N 19,55 E
Period covered: 01 Jul 1981 30 Sep 1981
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 83%, Aug 95%, Sep 66%

REPORTS

ODAP report no. 15

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 33
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVAG
70,43 N 19,55 E
01 Oct 1981 31 Dec 1981
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Wavefider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 64%, Nov 77%, Dec 71%

REPORTS

ODAP report no. 16

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 34

PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jan 1982 31 Mar 1982
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 72%, Feb 81%, Mar 63%

REPORTS

ODAP report no. 20

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 35
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Apr 1982 30 Jun 1982
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 80%, May 80%, Jun 98%

REPORTS

ODAP report no. 21

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 36
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jul 1982 30 Sep 1982
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 99%, Aug 96%, Sep 97%

REPORTS

ODAP report no. 24

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway
Phone (472)605090, telex 19931

REF.NO: 37
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVÅG
70,43 N 19,55 E
01 Oct 1982 31 Dec 1982
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 85%, Nov 85%, 88%

REPORTS

ODAP report no. 27

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090; telex 19931

REF. NO: 38
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jan 1983 31 Mar 1983
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jan 93%, Feb 91%, Mar 75%

REPORTS

ODAP report no. 31

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 64
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Apr 1983 30 Jun 1983
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 94%, May 96%, Jun 100%

REPORTS

ODAP report no. 33

DATA CONTACT

The Norwegian Meteorological Instit
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 69
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jul 1983 30 Sep 1983
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data: Digital magnetic tape

Processed data: Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by: Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 100%, Aug 87%, Sep 73%

REPORTS

ODAP report no. 36

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 78
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Oct 1983 31 Dec 1983
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Digital magnetic tape

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 71%, Nov 88%, Dec 96%

REPORTS

ODAP report no. 41

DATA CONTACT

The Norwegian Meteorological Institut
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 83

ONE DEGREE SQUARE: 1600 00 WAVES

PARAMETER:

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 06 Jan 1984 31 Mar 1984
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic Laboratories

NOTES

Data coverage (%)
Jan 99%, Feb 94%, Mar 93%

REPORTS

ODAP report no. 43

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF.NO: 92
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVåg
70,43 N 19,55 E
01 Apr 1984 30 Jun 1984
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Apr 88%, May 71%, Jun 100%

REPORTS

ODAP report no. 51

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931

REF. NO: 95
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location: TORSVåg
Position: 70,43 N 19,55 E
Period covered: 01 Jul 1984 30 Sep 1984
Mean water depth: 230 m
Recording depth:

INSTRUMENT

Instrument type: Datawell Waverider
Type of mounting: Subsurface mooring
Sample of frequency: 2 Hz
Record duration: 20 min
Record interval: 3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Jul 99%, Aug 100%, Sep 100%

REPORTS

ODAP report no. 52

DATA CONTACT

The Norwegian Meteorological Institute
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway
Phone (472)605090, telex 19931

REF.NO: 100
PARAMETER:

ONE DEGREE SQUARE: 1600 00
WAVES

LOCATION

Location:
Position:
Period covered:
Mean water depth:
Recording depth:

TORSVÅG
70,43 N 19,55 E
01 Oct 1984 31 Dec 1984
230 m

INSTRUMENT

Instrument type:
Type of mounting:
Sample of frequency:
Record duration:
Record interval:

Datawell Waverider
Subsurface mooring
2 Hz
20 min
3 hr

REASON FOR RECORDING

Wave climate in connection
with the oil activities

OTHER MEASUREMENTS

None

DATA

Original data:

Processed data:

Zero upcrossing and spectral
parameters on magnetic tapes

Data collected by:

Norwegian Hydrodynamic
Laboratories

NOTES

Data coverage (%)
Oct 95%, Nov 97%, Dec 95%

REPORTS

ODAP report no. 53

DATA CONTACT

The Norwegian Meteorological Institu
Environmental Data Centre
P.O. Box 320, Blindern
N-0314 OSLO 3, Norway

Phone (472)605090, telex 19931