

DDF A:5.01

19409, File 1 TAPE

ACCESSION NUMBER

8100516

RCVD 5/4/81 DATA DOCUMENTATION FORM

TR 7081

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235

FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

FT005

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

NODC  
NSTL Station, Miss 39529

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

SPR-Brine Disposal  
Analysis

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

OPENS 020181

4. PLATFORM NAME(S)

OPENS

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

T Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

2/1/81

2/2/81

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

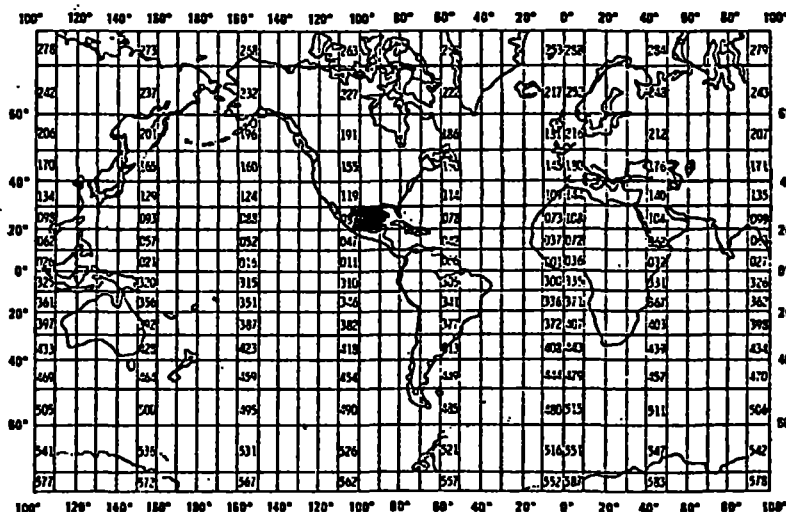
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

W.L. Beach T  
601-688-2806



B. SCIENTIFIC CONTENT

NAME OF FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current Speed	cm/s	} AMF VACU		
" Direction	degrees of arc			
Water Temp.	°C	YSI		
Salinity	‰	Plessey 5520-1		

### C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

LRECL = DLKSIZE = 60  
File 1 = 2/1/81 - 2/28/81

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J Foreman

ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>DL</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGHT FILE TYPE 005

FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bit, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	44	bytes	44A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONGHEM	30	1	bytes	A1	"W" or "E" Hemisphere
DEPTH	31	4	bytes	I4	Depth in Meters to tenths
<del>DEPTH</del>	<del>35</del>	<del>4</del>	<del>bytes</del>	<del>I4</del>	<del>Depth in Meters to tenths</del>
<del>DEPTH SERIAL</del>	<del>39</del>	<del>4</del>	<del>bytes</del>	<del>A4</del>	
<del>DEPTH</del>	<del>43</del>	<del>18</del>	<del>bytes</del>	<del>18x</del>	
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
DATE	16	6	bytes	3I2	Year, Month, Day; observed
TIME	22	4	bytes	I4	Time in Hours to hundredths
DIRECTION	26	3	bytes	I3	Whole degrees from true north
VELOCITY	29	4	bytes	I4	Current; whole cm/sec
TEMP	33	3	bytes	I3	Degrees Celsius to tenths
SALINITY	36	5	bytes	I5	Parts per thousand to thousandths
BLANK	41	40	bytes	40x	
		2			

TAPE OR DISK ASSIGNMENT SHEET  
(MRL) 11/6/78  
(Rev. 11/80)

ACCESSION/TRACK NO.: 8100 516 TR 7081

COPIES OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19409	N	60	60	F		668
DUPLICATE	4959	S	60	2240	FB SDF	*	668
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC\*F005T7081.

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100516

TR 7081

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	5/4/81	FJM	B19409	3*	60	60	668
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

\* FILE 1 ONLY, This folder.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100516

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 7081

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: \_\_\_\_\_

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100516

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 7081

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Changed Wind Direction 360 to 359

II. Processor Name: M. Lewis



TAPE OR DISK ASSIGNMENT SHEET  
 (MRL) 11/6/78  
 (Rev. 11/80)

#/TRACK NO.: 8100 516 TR 7081

OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19409	N	60	60	F		668
DUPLICATE	4959	S	60	<del>60</del> 2240	FB SDF	*	668
FORMATTED							
FIRST							
FINAL USER							
WORK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D11MRL * F005 TR 7081						668
EDITED DISK FILE							

\* LABEL = NODC \* F005 T7081

ACCESSION/TRACK # 8100516

TR 7081

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
GENERATOR TAPE	5/4/81	FJM	B19409	3*	60	60	668
DI/SCAN TAPE							
SIGNED FOR PROCESS.							
OF EVALUATION	12/10/82	WJF					
QUALITY REVIEW	12/10/82						
ELIMINARY DATA SORT							
ELIMINARY MULCHEK	12/8/82		D11 MR * F005 TR 7081				668
FIRST USER TAPE							
WORK DISK FILE	12/8/82						668
FINAL USER TAPE							
MULCHEK	12/9/82						668
EDITED DISK FILE							
DATA SET "FINALIZED"							

\* FILE L ONLY, This folder.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100516

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 7081

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Changed Wind direction 360 to 359

III. Processor Name: M. Lewis

TAPE OR DISK ASSIGNMENT SHEET  
(MRL) 11/6/78  
(Rev. 11/80)

IN/TRACK NO.: 8100 516 TR 7081

NO. OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
INITIATOR	B19409	N	60	60	F		668
DUPLICATE	4959	S	60	<del>60</del> 2240	FB SDF	*	668
FORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D11MRL * F005, TR 7081						668
EDITED DISK FILE							

\* LABEL = NODC \* F005 T 7081.

ACCESSION/TRACK # 8100516

TR 7081

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	5/4/81	FJM	B19409	3*	60	60	668
READI/SCAN TAPE							
SIGNED FOR PROCESS.							
OF EVALUATION	12/10/82	WJH					
QUALITY REVIEW	12/10/82						
ELIMINARY DATA SORT							
ELIMINARY MULCHEK	12/8/82		D11 MR * F005 TR 7081				668
FIRST USER TAPE							
WORK DISK FILE	12/8/82						668
FINAL USER TAPE							
MULCHEK	12/9/82	↓	↓		↓		668
EDITED DISK FILE							
DATA SET "FINALIZED"							

\* FILE 1 ONLY, This folder.

RCVD: 5/11/81

19409 File 2

ACCESSION NUMBER

~~8100516~~

FT091

DATA DOCUMENTATION FORM

8100516

TR 7082

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235

FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

DDFA: 5:01

CONVERTED TO FT191

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

NDBO  
POSTL Station, Miss. 39526

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

SPR - Brine Disposal  
Analysis

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

OPENS 020187

4. PLATFORM NAME(S)

OPENS

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
USA	USA	2/1/81	2/28/81

7. DATES

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_\_\_ MONTH \_\_\_\_\_

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

W. L. Beach T  
601-688-2806

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Wind Speed " Direction	m/s Degrees of arc	J Tec VA-310		
Air Temp " Press	°C mb	YSI Rosemount 1201 F		

### C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 091

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

LRSC L = TRK SIZE = 120  
File 2 = 2/1/81 - 2/28/81

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:  
NAME AND PHONE NUMBER                     J. Foreman                      
ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER).  <p style="text-align: center;">NL</p>
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES _____
	13. LENGTH OF BYTES IN BITS _____



FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Descriptive Header Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"1"
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
LATITUDE	27	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	"N" or "S" hemisphere
LONGITUDE	34	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	41	1	A1	"E" or "W" hemisphere
BOTTOM DEPTH	42	5	I5	Meters to tenths
<del>MAGNETIC VARIATION</del>	<del>47</del>	<del>4</del>	<del>I4</del>	<del>Whole degrees from true north (signed value)</del>
<del>BUOY HEADING*</del>	<del>51</del>	<del>3</del>	<del>I3</del>	<del>Whole degrees from true north</del>
<del>SAMPLING RATE*</del>	<del>54</del>	<del>4</del>	<del>I4</del>	<del>Original measurements per minute, to tenths</del>
<del>SAMPLING DURATION*</del>	<del>58</del>	<del>4</del>	<del>I4</del>	<del>Minutes to hundredths</del>
<del>TOTAL INTERVALS*</del>	<del>62</del>	<del>3</del>	<del>I3</del>	<del>Number of frequency intervals</del>
CHIEF SCIENTIST	65	20	A20	Data source
INSTITUTION	85	20	A20	
COMMENTS	105	16	A16	

\*For buoy data only

Environmental Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"B" (environmental data rec.)
STATION	11	6	A6	Unique name of observation pt.
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
<del>ALTITUDE</del>	<del>27</del>	<del>3</del>	<del>I3</del>	<del>Meteorology alt., meters to tenths</del>
AIR TEMP	30	4	I4	Temperature, Celsius to tenths
<del>DEW POINT</del>	<del>34</del>	<del>4</del>	<del>I4</del>	<del>Temperature, Celsius to tenths</del>

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Environmental Data Record (cont'd)</u>				
BAROMETER	38	5	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	I4	From true north, degrees to tenths
WEATHER	51	1	I1	Current Weather (WMO code 4501)
VISIBILITY	52	3	I3	Nautical miles, to tenths
PRECIPITATION	55	4	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	I3	Langleys/minute to hundredths -wave-length less than 3.6 microns
SOLAR RADIATION	62	3	I3	Langleys/minute to hundredths -wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3	I3	Seconds to tenths
AVERAGE WAVE DIRECTION	71	3	I3	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3	I3	Meters to tenths, from reference level
DEEPEST TROUGH	77	3	I3	Meters to tenths, from reference level
TEMPERATURE	80	4	I4	Sea surface temp. to hundredths
SALINITY	84	5	I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5	I5	Millimhos/cm to thousandths
blanks	94	27	27X	

Wave Spectra Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"3"
SERIAL NUMBER	11	6	A6	Unique name of observation pt.

FILE TYPE 191 - METEOROLOGY AND WAVE SPECTRA - 03/30/81 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS USED TO REPORT METEOROLOGICAL DATA AND OCEAN WAVE SPECTRA DATA FROM NDBO. THE FORMAT CONTAINS FIVE DATA RECORD TYPES TO:

- 1) IDENTIFY THE BUOY FOR POSITION, DURATION, RATE OF SAMPLING AND HEADING,
- 2) IDENTIFY THE METEOROLOGICAL PARAMETERS (TEMPERATURE, PRESSURE, WEATHER, SOLAR RADIATION, AND SURFACE WAVES), AND 3) REPORT TIME SERIES FREQUENCY, DENSITY AND RESOLUTION OF WAVES.

EACH RECORD IS 120 CHARACTERS IN LENGTH, SORTED BY STATION AND RECORD TYPE.

\*\*\*\*\*NOTE\*\*\*\*\*

THIS FORMAT REPLACES FILE TYPE 091.

3/30/81 - ADDED WIND SPEED AND DIRECTION TO RECORD TYPE '2'

PARAMETER	DESCRIPTION	SC
DESCRIPTIVE HEADER RECORD	ALWAYS '1'	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	27
LONGITUDE	DDDMMSS PLUS HEMISPHERE 'E' OR 'W'	34
BOTTOM DEPTH	XXXX - METERS TO TENTHS	42
MAGNETIC VARIATION	XXXX - WHOLE DEGREES FROM TRUE NORTH (SIGNED VALUE)	47
BUOY HEADING	XXX - WHOLE DEGREES FROM TRUE NORTH	51
SAMPLING RATE	XXXX - ORIGINAL MEASUREMENTS PER MINUTE, TO TENTHS	54
SAMPLING DURATION	XXXX - MINUTES TO HUNDREDTHS	58
TOTAL INTERVALS	XXX - NUMBER OF FREQUENCY INTERVALS	62
CHIEF SCIENTIST INSTITUTION	20-CHARACTER FIELD FOR SCIENTIST NAME	65
WIND SAMPLING DURATION	20-CHARACTER FIELD FOR DATA SOURCE	85
COMMENTS	XXX - MINUTES TO TENTHS	105
	16-CHARACTER FIELD	108
ENVIRONMENTAL DATA RECORD	ALWAYS '2'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
ALTITUDE	XXX - METEOROLOGY (METERS TO TENTHS)	27
AIR TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	30
DEW POINT	XXXX - DEGREES C TO TENTHS	34
BAROMETER	XXXXX - REDUCED TO SEA LEVEL (MB TO TENTHS)	38
WIND SPEED	XXXX - M/SEC TO HUNDREDTHS	43
WIND DIRECTION	XXXX - DEGREES FROM TRUE NORTH TO TENTHS	47
WEATHER	ONE-CHARACTER CODE - USE CODE 0108	51
VISIBILITY	XXX - NAUTICAL MILES TO TENTHS	52
PRECIPITATION	XXXX - ACCUMULATION IN MILLIMETERS	55
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH 4.0 TO 50 MICRONS	62
SIGNIFICANT WAVE HEIGHT	XXX - CORRECTED FOR LOW FREQUENCY NOISE (METERS TO TENTHS)	65
AVERAGE WAVE PERIOD	XXX - SECONDS TO TENTHS	68
AVERAGE WAVE DIRECTION	XXX - DIRECTION OF PREDOMINANT WAVES IN WHOLE DEGREES FROM TRUE NORTH	71
HIGHEST CREST	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	74
DEEPEST TROUGH	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	77

TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
CONDUCTIVITY	XXXXX - MILLIMHOS/CM TO THOUSANDTHS	89
DOMINANT WAVE PERIOD	XXX - SECONDS TO TENTHS	94
MAXIMUM WAVE HEIGHT	XXX - METERS TO TENTHS	97
MAXIMUM WAVE STEEPNESS	XXX	100
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	103
WIND GUST AVERAGING PD	XX - SECONDS	107
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	109
WIND GUST AVERAGING PERIOD	XX - SECONDS	113
WIND SPEED	XXX - M/S TO TENTHS	115
WIND DIRECTION	XXX - WHOLE DEGREES	118
WAVE SPECTRA DATA RECORD	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
INTERVALS PER DIRECTION	XXX - TOTAL NUMBER OF FREQUENCIES IN THIS DIRECTION OR ZERO FOR NON- DIRECTIONAL	27
DIRECTION	XXXX - DEGREES TO TENTHS FROM TRUE NORTH OR '9999' FOR NON-DIRECTIONAL	30
COUNT	X - NUMBER OF FREQUENCIES ON THIS RECORD	34
DATA	UP TO 5 FREQUENCY, RESOLUTION, AND DENSITY FIELDS. NULL FIELDS ARE ZERO OR BLANK	
FREQUENCY	XXXX - CENTER FREQUENCY OF INTERVAL IN HERTZ TO THOUSANDTHS	35
RESOLUTION	XXXX - RESOLUTION OF INTERVAL IN HERTZ TO TEN-THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN M2/HZ TO THOUSANDTHS	43
FREQUENCY	XXXX - SEE ABOVE	49
RESOLUTION	XXXX - SEE ABOVE	53
DENSITY	XXXXXX - SEE ABOVE	57
FREQUENCY	XXXX - SEE ABOVE	63
RESOLUTION	XXXX - SEE ABOVE	67
DENSITY	XXXXXX - SEE ABOVE	71
FREQUENCY	XXXX - SEE ABOVE	77
RESOLUTION	XXXX - SEE ABOVE	81
DENSITY	XXXXXX - SEE ABOVE	85
FREQUENCY	XXXX - SEE ABOVE	91
RESOLUTION	XXXX - SEE ABOVE	95
DENSITY	XXXXXX - SEE ABOVE	99
BLANKS		105

SUBSURFACE TEMPERATURE DATA RECORD	ALWAYS '4'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
DEPTH	XXXXX - METERS TO TENTHS	27
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	32
DEPTH	XXXXX - METERS TO TENTHS	36
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	41
DEPTH	XXXXX - METERS TO TENTHS	45
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	50
DEPTH	XXXXX - METERS TO TENTHS	54
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	59
DEPTH	XXXXX - METERS TO TENTHS	63
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	68
DEPTH	XXXXX - METERS TO TENTHS	72
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	77
DEPTH	XXXXX - METERS TO TENTHS	81
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	86
DEPTH	XXXXX - METERS TO TENTHS	90
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	95
DEPTH	XXXXX - METERS TO TENTHS	99
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	104
DEPTH	XXXXX - METERS TO TENTHS	108
TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	113
BLANKS		117

SUBSURFACE DATA RECORD	ALWAYS '5'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
DEPTH	XXXXX - METERS TO TENTHS	27
*THIS FIELD IS REPEATED 2 TIMES IN COLS 57 AND 87		
U COMPONENT	XXXXX - EAST VECTORS IN CM/SECOND TO TENTHS	32
*THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92		
V COMPONENT	XXXXX - TRUE NORTH VECTOR IN CM/SECOND TO TENTHS	37
*THIS FIELD IS REPEATED 2 TIMES IN COLS 67 AND 97		
PRESSURE	XXXXX - KG/CM2 TO HUNDREDTHS	42
*THIS FIELD IS REPEATED 2 TIMES IN COLS 72 AND 102		
CONDUCTIVITY	XXXXX - MILLIOHMS/CM TO THOUSANDTHS	47
*THIS FIELD IS REPEATED 2 TIMES IN COLS 77 AND 107		
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	52
*THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112		
BLANKS		117

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100516

TR 7082

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	5/4/81	FJM	B19409	3*	120	120	1326
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

\* FILE 2, THIS FOLDER



TAPE OR DISK ASSIGNMENT SHEET  
(MRL) 11/6/78  
(Rev. 11/80)

ACCESSION/TRACK NO.: 8100516 TR 7082

NO OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19409	N	120	120	F		1326
DUPLICATE	4957	SL	120	224	SDF	*	
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL ~~E~~ NODC \* F191T 7082.

FILE ID = TRACK NO.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100516

- 1) File Type: 191
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 7082

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
COMMENTS in COL. 105-120 MOVED TO COL. 108-120 AS PER FT191	✓ FJM

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name: \_\_\_\_\_

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100516	F005	TR7081	0093	313B	3199	1981/02/01	020181	314667
8100516	F191	TR7082	0093	313B	3199	1981/02/01	020181	314668

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8100516	F005	TR7081	3199	1	668	81/02/01	81/02/01
8100516	F191	TR7082	3199	1	664	81/02/01	81/02/01

(2 rows affected)