Reference # | BR6529-6546 | ACCESSION NUMBER | 8800047

January 1988

DATA DOCUMENTATION FORM

F191

NOAA FORM 24-13 (4-77)

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

(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

Sallie Nolan
NOAA/National Data Buoy Center
NSTL Station, MS. 39529

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

TOGA

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

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
—	Buoy	Buoy	USA	01/01/88	01/31/88

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?)

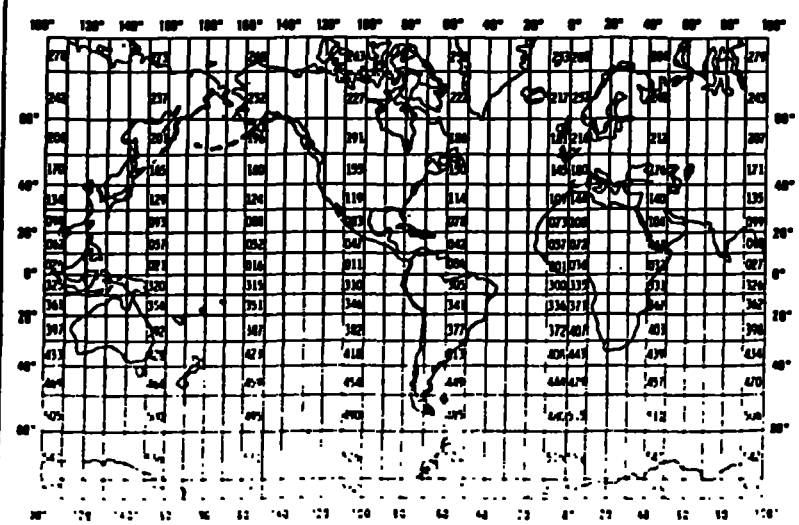
☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Sallie P. Nolan
FTS 494-1721

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

GENERAL AREA



Reference # | BR 6547-6571 | ACCESSION NUMBER | 8800047

January 1988

DATA DOCUMENTATION FORM

F191

NOAA FORM 24-13 (4-77)

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

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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.

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Sallie Nolan
NOAA/National Data Buoy Center
NSTL Station, MS. 39529

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		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
—	BUOY	BUOY	USA	01/01/88	01/31/88

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

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

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

☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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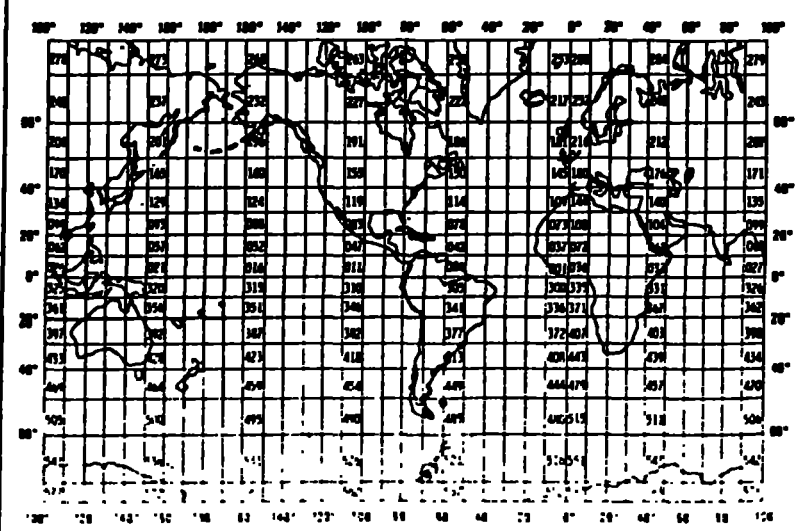
Sallie P. Nolan,
FTS-494-1721

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

GENERAL AREA



Reference #	BR6572-6611	ACCESSION NUMBER	8800047

January 1988

DATA DOCUMENTATION FORM

F191

NOAA FORM 24-13 (4-77)

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

FORM APPROVED
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EXPIRES 1-81

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		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
—	BUOY	Buoy	USA	01/01/88	01/31/88

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)*

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Sallie P. Nolan
FTS-494-1721

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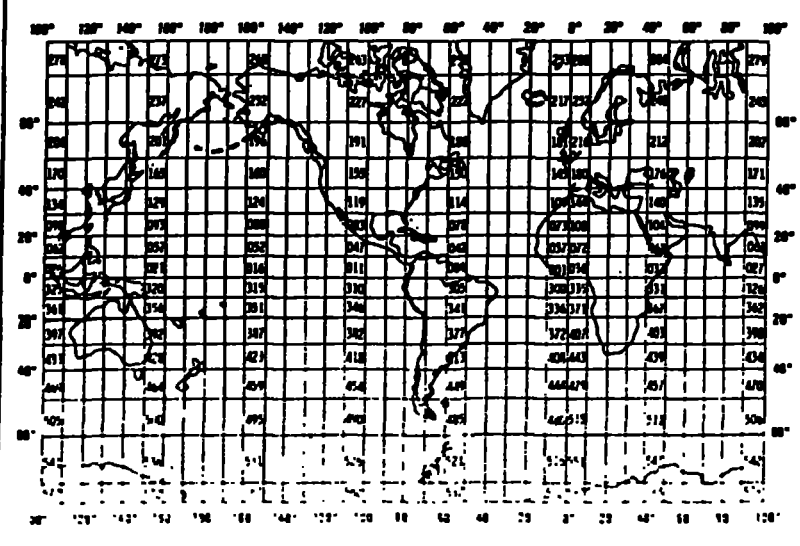
GENERAL AREA



ARCHIVAL 191 TAPE FORMAT

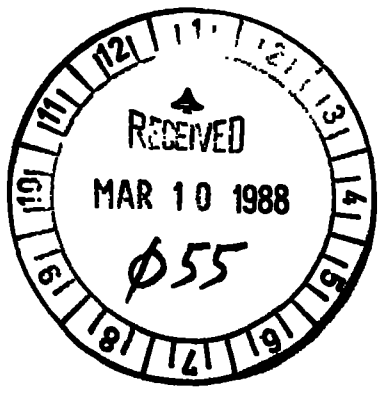
File structure -

Nine 120-character records: (1) Descriptive Header Record, (2) Environmental Data Record, (3) Wave Spectra Data Record, (4) Subsurface Temperature Data Record, (5) Subsurface Data Record, (6) Wave Data Record, and (7) Wave Fourier Data Record, (8) Wave Data Record Type 8, (9)Continuous Wind Measurement.

File format -

Meteorology and Wave Spectra (F191)

PARAMETER	DESCRIPTION	SC
FILE TYPE	ALWAYS '191'	01
FILE DATE	YR,MO,DY OF FILE GEN.	04
RECORD TYPE	'1' DESC. HEADER	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
LATITUDE	DEGREES,MINUTES,SECONDS	27
LAT. HEMISPHERE	HEMISPHERE 'N' OR 'S'	33
LONGITUDE	DEGREES,MINUTES,SECONDS	34
LAT. HEMISPHERE	HEMISPHERE 'E' OR 'W'	41
BOTTOM DEPTH	xxxxx - 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 FEQUENCY INTERVALS	62
CHIEF SCIENTIST	20-CHARACTER FIELD FOR SCIENTIST NAME	65
INSTITUTION	20-CHARACTER FIELD FOR DATA SOURCE	85
WIND SAMPLING DURATION	xxx - MINUTES TO TENTHS	105
COMMENTS	13-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 (8.5 MIN AVG)	xxxx - M/SEC TO HUNDREDTHS	43
WIND DIRECTION(8.5 MIN AVG)	xxxx - DEGREES FROM TRUE NORTH TO TENTHS	47
WEATHER	ONE-CHARACTERE 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	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 (58 MIN AVG)	xxx - MS TO TENTHS	115
WIND DIRECTION(58 MIN AVG)	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 FEQUENCIES 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 FEQUENCIES ON THIS RECORD	34
	DATA	UP TO 5 FEQUENCY, RESOLUTION, AND DENSITY FIELDS. NULL FIELDS ARE ZERO OR BLANK	
	FREQUENCY	xxxx - CENTER FREQUENCY OF INTERVAL IN HERTZ TO THOUSANDS	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 PRECEDE 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 PRECEDE 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
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 57 AND 87		
U COMPONENT	xxxxx - EAST VECTORS IN CM/SECOND TO TENTHS	32
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 62 AND 92		
V COMPONENT	xxxxx - TRUE NORTH VECTOR IN CM/SECOND TO TENTHS	37
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 67 AND 97		
PRESSURE	xxxxx - KG/CM2 TO HUNDREDTHS	42
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 72 AND 102		
CONDUCTIVITY	xxxxx - MILLIOHMS/CM TO THOUSANDTHS	47
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 77 AND 107		
SALINITY	xxxxx - PARTS PER THOUSAND TO THOUSANDS	52
*THE PREVIOUS FIELD IS REPEATED TWO TIMES IN COLS 82 AND 112		
BLANKS		117

WAVE SPECTRA DATA RECORD 2	ALWAYS '6'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
FREQUENCY	xxxx - HZ TO THOUSANDTHS	27
RESOLUTION	xxxxx - HZ TO TEN-THOUSANDTHS	31
CO-SPECTRA (C11)	xxxxxx - M2/HZ - WHERE SUBSCRIPTS ARE 1=HEAVE, 2=E-W SLOPE, 3=N-S SLOPE	36
EXPONENT	xx	42
CO-SPECTRA (C22)	xxxxxx - SEE ABOVE	44
EXPONENT	xx	50
CO-SPECTRA (C33)	xxxxxx - SEE ABOVE	52
EXPONENT	xx	58
CO-SPECTRA (C12)	xxxxxx - SEE ABOVE	60
EXPONENT	xx	66
QUAD-SPECTRA (Q12)	xxxxxx - SEE ABOVE	68
EXPONENT	xx	74
CO-SPECTRA (C13)	xxxxxx - SEE ABOVE	76
EXPONENT	xx	82
QUAD-SPECTRA (Q13)	xxxxxx - SEE ABOVE	84
EXPONENT	xx	90
CO-SPECTRA (C23)	xxxxxx - SEE ABOVE	92
EXPONENT	xx	98
BLANKS		100

WAVE	FOURIER DATA RECORD	ALWAYS '7'	10
	STATION	SEE RECORD '1'	11
	OBSERVED DATE (GMT)	YYMMDD	17
	OBSERVED TIME (GMT)	HHMM	23
	FREQUENCY	xxxx - HZ TO THOUSANDS	27
	RESOLUTION	xxxxx - HZ TO TEN-THOUSANDS	31
	ANGULAR FOURIER COEFF(A0)	xxxxx - M2/HZ	36
	EXPONENT	xx	42
	ANGULAR FOURIER COEFF(A1)	xxxxx - M2/HZ	44
	EXPONENT	xx	50
	ANGULAR FOURIER COEFF(B1)	xxxxx - M2/HZ	52
	EXPONENT	xx	58
	ANGULAR FOURIER COEFF(A2)	xxxxx - M2/HZ	60
	EXPONENT	xx	66
	ANGULAR FOURIER COEFF(B2)	xxxxx - M2/HZ	68
	EXPONENT	xx	74
	ANGULAR FOURIER COEFF(A3)	xxxxx - M2/HZ	76
	EXPONENT	xx	82
	ANGULAR FOURIER COEFF(B3)	xxxxx - M2/HZ	84
	EXPONENT	xx	90
	ANGULAR FOURIER COEFF(A4)	xxxxx - M2/HZ	92
	EXPONENT	xx	98
	ANGULAR FOURIER COEFF(B4)	xxxxx - M2/HZ	100
	EXPONENT	xx	106
	MEAN WAVE DIRECTION	xxx - ARCTAN B1/A1 FROM TRUE NORTH	108
	BLANKS		111

WAVE DATA RECORD TYPE 8	ALWAYS '8'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
ICOUNT	x - NUMBER OF GROUPS PER LINE	27
IFREQ	xxxx - FREQUENCY OF VALUES	28
*THIS FIELD IS REPEATED 2 TIMES IN COLS 58 AND 88		
IRES	xxxx - RESOLUTION OF VALUES	32
*THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92		
IR1	xxxx - R1 VALUE TO HUNDREDS	36
*THIS FIELD IS REPEATED 2 TIMES IN COLS 66 AND 96		
IR2	xxxx - R2 VALUE TO HUNDREDS	40
*THIS FIELD IS REPEATED 2 TIMES IN COLS 70 AND 100		
IALPHA_1	xxxx - ALPHA 1 VALUE TO TENTHS	44
*THIS FIELD IS REPEATED 2 TIMES IN COLS 74 AND 104		
IALPHA_2	xxxx - ALPHA 2 VALUE TO TENTHS	48
*THIS FIELD IS REPEATED 2 TIMES IN COLS 78 AND 108		
IC11	xxxxxx - SPECTRAL VALUE TO THOUSANDS	52
*THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112		
BLANKS		118

CONTINUOUS WIND MEASUREMENT	ALWAYS '9'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (UTC)	YYMMDD	17
OBSERVED TIME (UTC)[1]	HHMM	23
STANDARD DEVIATION OF HOURLY SPEED	xxx - M/S TO TENTHS	27
STANDARD DEVIATION OF HOURLY DIRECTION	xxxx - TENTHS OF DEGREES	30
HOURLY WIND GUST[2]	xxx - M/S TO TENTHS	34
DIRECTION OF HOURLY GUST	xxx - WHOLE DEGREES	37
TIME OF HOURLY GUST (UTC)	xxxx - HHMM	40
ENDING TIME OF TEN MINUTE AVERAGE (UTC)	xx - HH	44
AVERAGE DIRECTION FOR MINUTES 00-09	xxx - WHOLE DEGREES	46
AVERAGE SPEED FOR MINUTES 00-09	xxx - M/S TO TENTHS	49
AVERAGE DIRECTION FOR MINUTES 10-19	xxx - WHOLE DEGREES	52
AVERAGE SPEED FOR MINUTES 10-19	xxx - M/S TO TENTHS	55
AVERAGE DIRECTION FOR MINUTES 20-29	xxx - WHOLE DEGREES	58
AVERAGE SPEED FOR MINUTES 20-29	xxx - M/S TO TENTHS	61
AVERAGE DIRECTION FOR MINUTES 30-39	xxx - WHOLE DEGREES	64
AVERAGE SPEED FOR MINUTES 30-39	xxx - M/S TO TENTHS	67
AVERAGE DIRECTION FOR MINUTES 40-49	xxx - WHOLE DEGREES	70
AVERAGE SPEED FOR MINUTES 40-49	xxx - M/S TO TENTHS	73
AVERAGE DIRECTION FOR MINUTES 50-59	xxx - WHOLE DEGREES	76
AVERAGE SPEED FOR MINUTES 50-59	xxx - M/S TO TENTHS	79

[1]Observed Time for all Record Types will be changed to the end of the Acquisition Period, not the nearest hour. For example, a payload acquiring wave data from 1030-1050 and standard meteorlogical data from 1040-1050 will show a time of 1050, not 1100.

[2]If the observation time is minute 50, the gust was recorded in the previous hour. If the observation time is minute 25, the gust was recorded during the hour ending at minute 20.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Data Buoy Center
NSTL, Mississippi 39529

March 3, 1988

F1804-02
DB3:88-0119
SPN:njm

Ms. I. E. Green
Data Acquisition and Management Branch
National Oceanographic Data Center
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Ms. Green:

Enclosed are the January 1988 9TK, 1600 BPI, NDBC archive tapes, recorded in the 191 tape format. The enclosure contains a list of stations and the inclusive dates that are on each tape.

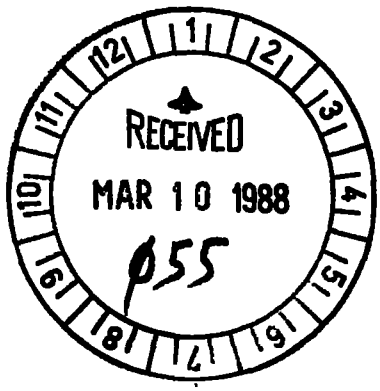
If you have any questions, please call B. G. Redmon at FTS 494-2834, or Commercial (601) 688-2834.

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures



Attachment

Tape 1: 32302 01018800-01318823
41001 01018800-01318823
41002 01018800-01318823
41006 01018800-01318823
42001 01018800-01158821
42002 01018800-01318823
42007 01018800-01318823
42015 01018800-01318823
44004 01018800-01268809
44005 01018800-01318823
44006 01018800-01318823
44007 01018800-01318823
44008 01018800-01318823
44009 01018800-01288822
44011 01018800-01318823
44012 01018800-01318823
44013 01018800-01318823
45001 01018800-01318823

Tape 2: 46001 01018800-01318823
46002 01018800-01318823
46003 01018800-01318823
46004 01018800-01318823
46005 01018800-01318823
46006 01018800-01318823
46010 01018800-01318803
46011 01018800-01318823
46012 01018800-01318823
46014 01018800-01318823
46017 01018800-01318823
46022 01018800-01318823
46023 01278817-01318823
46025 01018800-01318823
46026 01068818-01268809
46027 01018800-01318823
46028 01018800-01318823
46035 01018800-01318823
46039 01018800-01318823
46040 01018800-01318823
46041 01018800-01318823
46042 01018800-01318823
51002 01018800-01298821
51004 01018800-01318823
51005 01018800-01318823

Tape 3 :ALSN6 01018800-01318823
BURL1 01018800-01318823
BUZM3 01018800-01318823

CARO3 01018800-01318823
CHLV2 01018800-01318823
CLKN7 01018800-01318823
CSBF1 01018800-01318823
DBLN6 01018800-01318823
DESW1 01018800-01318823
DISW3 01018800-01288822
DPIA1 01018800-01318823
DSLN7 01018800-01318823
FBIS1 01018800-01318823
FFIA2 01018800-01318823
FPSN7 01018800-01318823
GDIL1 01018800-01318823
GLLN6 01018800-01318823
IOSN3 01018800-01318823
LKWF1 01018800-01318823
MDRM1 01018800-01318823
MISM1 01018800-01318823
MLRF1 01018800-01318823
NWPO3 01018800-01318823
PILM4 01018800-01318823
PTAC1 01018800-01318823
PTAT2 01018800-01318823
PTGC1 01018800-01318823
ROAM4 01018800-01318823
SAUF1 01018800-01318823
SBIO1 01018800-01318823
SGNW3 01018800-01318823
SISW1 01018800-01318823
SPGF1 01018800-01318823
SRST2 01018800-01318823
STDM4 01018800-01318823
SVLS1 01018800-01318823
TPLM2 01018800-01318823
TTIW1 01018800-01318823
VENF1 01018800-01318823
WPOW1 01018800-01318823

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Brian Bish			03-11-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Scan

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00691		9	1600	~~ODD~~	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
88031109	03/11/88	13:25	13:30	C	COMPLETED BY J.S.

COMMENTS

Jan. 88
183
FT191

ADP FACILITIES REQUEST FORM

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Greenclush			03-11-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Scan

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00672		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
88034	03/11/88	13:15	13:20	C	COMPLETED BY J.S.

COMMENTS

Jan. 88
2083
FT191

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Green, Lisa			03-11-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

plm

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00673		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
88031IN	03/11/88	1345	13:16	C	COMPLETED BY J.S

COMMENTS

Jan. 88
303
FT191

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Greenblatt			4-18-88		21

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Copy to 'W' tape and scan output

Library # D02640

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) (TAPE) PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00671		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	W14476		9	1600	odd	NL	FB	120	4080	1
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBU0Y2

Mutch.6529.Dat

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
$8042905	04/26/88	08:30	1130	B	COMPLETED BY J.S.

COMMENTS Send to Asheville

FT191
Jan. 85
183

ADP FACILITIES REQUEST FORM

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Green, L.			3-17-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Copy to 'W' tape and scan output

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) (TAPE) PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A00672		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	W19744		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBU04.SS

Mitch, 447, Dist

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
88083503	03/15/88	12:30	15:30	C	COMPLETED BY J.S.

COMMENTS

Send to Asheville

FT191
Jan. 88
2083

ADP FACILITIES REQUEST FORM

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Greenfield,			03-15-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Copy to 'W' tape and scan output

INPUT MEDIUM	OUTPUT MEDIUM
PAPER CARD DISK (TAPE) DISKETTE OTHER(SPECIFY)	CARD DISK (PRINT) (TAPE) PLOT DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A00673		9	1600	~~odd~~	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	W11842		9	1600	~~odd~~	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBU04 60

Mitch 6572.Dat

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
8803/1604	03/18/88	12:35	14:00	C	COMPLETED BY J.S

COMMENTS Send to Asheville

FT191
3083
Jan. 88

ACCESSION NO. 8800047 FILETYPE FT191 TRACK NO. BR6529-6546 PROJECT IDENTIFICATION T06A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-26-88	[illegible]	A00671	1	120	4080	1
DUPLICATE TAPE	4-20-88	[illegible]	W14176 *	1	120	4080	1
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

* Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

187,588 records

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8800047 FILETYPE FT191 TRACK NO. DR6547-6571 PROJECT IDENTIFICATION T06A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	3-16-88	JS	A00672	1	120	4080	
DUPLICATE TAPE	3-16-88	JS	W10740*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR FO22							
DATA SET FINALIZED							

*tape is non-labeled

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

201,026 records

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8800047 FILETYPE FT19 TRACK NO. BR6572-6611 PROJECT IDENTIFICATION TOGA

OK

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	3-16-88	[signature]	A00673	1	120	4080	
DUPLICATE TAPE	3-16-88	[signature]	W11842*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

*Tape is non-labeled

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

57,880 records

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

880047 ADP FACILITIES REQUEST FORM

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Green Klush			3-14-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

copy to 'W' tape and scan output

INPUT MEDIUM
PAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00671		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	W08445		9	1600	odd	NL	FB	120	4080	1
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS
W08445 Tape not readable
Procedure BRBUOY J6
Mitch 6529. Dat

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
88 03 14 05	03/14/88	12:45	15:30	C	COMPLETED BY JS.

COMMENTS Send to Asheville

FT191
Jan. 88
1083

ACCESSION NO 8800047 FILETYPE FT191 TRACK NO. BR6529-6546 PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECS
ORIG. TAPE	3-16-88	[signature]	A00671	1	120	4080	
DUPLICATE TAPE	3-16-88	[signature]	W08445*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

*Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: *HOLD 187,582 records

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

8800047

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

DATE: March 18, 1988

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

DATA ARCHIVE AND INVENTORIES BRANCH (E/OC11)

-------- Level-II Data --------

WIND/WAVE SPECTRA (F191)

Acc: 8500307 Ref: BR3848 - 3929 82 sta. 324,496 records
(November 1985 - replacement)

Acc: 8800047 Ref: BR6529 - 6611 83 sta. 446,488 records
(January 1988)

446,488
57,880
388,608
446488

BR6572-6611 → 057880
BR6547-6571 → 201026
258,906

cc: Division Director

446,488
258,906
BR6529-6546 → 187,582
446488

ISS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800047	BR6529	F191		313B	317F	32302	01/01/88	01/31/88	1	7,230
8800047	BR6530	F191		313B	317F	41001	01/01/88	01/31/88	1	8,894
8800047	BR6531	F191		313B	317F	41002	01/01/88	01/31/88	1	3,528
8800047	BR6532	F191		313B	317F	41006	01/01/88	01/31/88	1	8,904
8800047	BR6533	F191		313B	317F	42001	01/01/88	01/15/88	1	1,086
8800047	BR6534	F191		313B	317F	42002	01/01/88	01/31/88	1	2,470
8800047	BR6535	F191		313B	317F	42007	01/01/88	01/31/88	1	7,148
8800047	BR6536	F191		313B	317F	42015	01/01/88	01/31/88	1	47,490
8800047	BR6537	F191		313B	317F	44004	01/01/88	01/26/88	1	2,256
8800047	BR6538	F191		313B	317F	44005	01/01/88	01/31/88	1	8,904
8800047	BR6539	F191		313B	317F	44006	01/01/88	01/31/88	1	47,428
8800047	BR6540	F191		313B	317F	44007	01/01/88	01/31/88	1	7,396
8800047	BR6541	F191		313B	317F	44008	01/01/88	01/31/88	1	1,446
8800047	BR6542	F191		313B	317F	44009	01/01/88	01/12/88	1	2,822
8800047	BR6543	F191		313B	317F	44011	01/01/88	01/31/88	1	8,916
8800047	BR6544	F191		313B	317F	44012	01/01/88	01/31/88	1	6,862
8800047	BR6545	F191		313B	317F	44013	01/01/88	01/31/88	1	7,376
8800047	BR6546	F191		313B	317F	45001	01/01/88	01/31/88	1	7,432
8800047	BR6547	F191		313B	317F	46001	01/01/88	01/31/88	1	8,918
8800047	BR6548	F191		313B	317F	46002	01/01/88	01/31/88	1	4,158
8800047	BR6549	F191		313B	317F	46003	01/01/88	01/31/88	1	8,918
0047	BR6550	F191		313B	317F	46004	01/01/88	01/31/88	1	8,916
0047	BR6551	F191		313B	317F	46005	01/01/88	01/31/88	1	8,916
8800047	BR6552	F191		313B	317F	46006	01/01/88	01/31/88	1	7,374
8800047	BR6553	F191		313B	317F	46010	01/01/88	01/31/88	1	7,174
8800047	BR6554	F191		313B	317F	46011	01/01/88	01/31/88	1	2,460
8800047	BR6555	F191		313B	317F	46012	01/01/88	01/31/88	1	7,412
8800047	BR6556	F191		313B	317F	46014	01/01/88	01/31/88	1	7,440
8800047	BR6557	F191		313B	317F	46017	01/01/88	01/31/88	1	482
8800047	BR6558	F191		313B	317F	46022	01/01/88	01/31/88	1	8,928
8800047	BR6559	F191		313B	317F	46023	01/27/88	01/31/88	1	1,022
8800047	BR6560	F191		313B	317F	46025	01/01/88	01/31/88	1	7,370
8800047	BR6561	F191		313B	317F	46026	01/06/88	01/26/88	1	4,674
8800047	BR6562	F191		313B	317F	46027	01/01/88	01/31/88	1	7,392
8800047	BR6563	F191		313B	317F	46028	01/01/88	01/31/88	1	8,754
8800047	BR6564	F191		313B	317F	46035	01/01/88	01/31/88	1	7,152
8800047	BR6565	F191		313B	317F	46039	01/01/88	01/31/88	1	7,014
8800047	BR6566	F191		313B	317F	46040	01/01/88	01/31/88	1	7,440
8800047	BR6567	F191		313B	317F	46041	01/01/88	01/31/88	1	7,386
8800047	BR6568	F191		313B	317F	46042	01/01/88	01/31/88	1	45,250
8800047	BR6569	F191		313B	317F	51002	01/01/88	01/29/88	1	7,986
8800047	BR6570	F191		313B	317F	51004	01/01/88	01/31/88	1	1,266
8800047	BR6571	F191		313B	317F	51005	01/01/88	01/31/88	1	7,224
8800047	BR6572	F191		313B	317F	ALSN6	01/01/88	01/31/88	1	1,446
8800047	BR6573	F191		313B	317F	BURL1	01/01/88	01/31/88	1	1,484
8800047	BR6574	F191		313B	317F	BUZM3	01/01/88	01/31/88	1	1,486
8800047	BR6575	F191		313B	317F	CARO3	01/01/88	01/31/88	1	1,488
0047	BR6576	F191		313B	317F	CHLV2	01/01/88	01/31/88	1	1,484
0047	BR6577	F191		313B	317F	CLKN7	01/01/88	01/31/88	1	1,380
8800047	BR6578	F191		313B	317F	CSBF1	01/01/88	01/31/88	1	1,488
8800047	BR6579	F191		313B	317F	DBLN6	01/01/88	01/31/88	1	1,330

8800047	BR6580	F191	313B	317F	DESW1	01/01/88	01/31/88	1	1,488
[illegible]0047	BR6581	F191	313B	317F	DISW3	01/01/88	01/28/88	1	1,340
[illegible]047	BR6582	F191	313B	317F	DPIA1	01/01/88	01/31/88	1	1,488
[illegible]0047	BR6583	F191	313B	317F	DSLN7	01/01/88	01/31/88	1	1,486
8800047	BR6584	F191	313B	317F	FBIS1	01/01/88	01/31/88	1	1,484
8800047	BR6585	F191	313B	317F	FFIA2	01/01/88	01/31/88	1	1,488
8800047	BR6586	F191	313B	317F	FPSN7	01/01/88	01/31/88	1	1,488
8800047	BR6587	F191	313B	317F	GDIL1	01/01/88	01/31/88	1	1,486
8800047	BR6588	F191	313B	317F	GLLN6	01/01/88	01/31/88	1	1,356
8800047	BR6589	F191	313B	317F	IOSN3	01/01/88	01/31/88	1	1,486
8800047	BR6590	F191	313B	317F	LKWF1	01/01/88	01/31/88	1	1,482
8800047	BR6591	F191	313B	317F	MDRM1	01/01/88	01/31/88	1	1,484
8800047	BR6592	F191	313B	317F	MISM1	01/01/88	01/31/88	1	1,486
8800047	BR6593	F191	313B	317F	MLRF1	01/01/88	01/31/88	1	1,484
8800047	BR6594	F191	313B	317F	NWPO3	01/01/88	01/31/88	1	1,486
8800047	BR6595	F191	313B	317F	PILM4	01/01/88	01/31/88	1	1,484
8800047	BR6596	F191	313B	317F	PTAC1	01/01/88	01/31/88	1	1,486
8800047	BR6597	F191	313B	317F	PTAT2	01/01/88	01/31/88	1	1,486
8800047	BR6598	F191	313B	317F	PTGC1	01/01/88	01/31/88	1	1,426
8800047	BR6599	F191	313B	317F	ROAM4	01/01/88	01/31/88	1	1,486
8800047	BR6600	F191	313B	317F	SAUF1	01/01/88	01/31/88	1	1,482
8800047	BR6601	F191	313B	317F	SBIO1	01/01/88	01/31/88	1	1,480
8800047	BR6602	F191	313B	317F	SGNW3	01/01/88	01/31/88	1	1,222
8800047	BR6603	F191	313B	317F	SISW1	01/01/88	01/31/88	1	1,486
8800047	BR6604	F191	313B	317F	SPGF1	01/01/88	01/31/88	1	1,352
8800047	BR6605	F191	313B	317F	SRST2	01/01/88	01/31/88	1	1,488
[illegible]0047	BR6606	F191	313B	317F	STDM4	01/01/88	01/31/88	1	1,456
[illegible]047	BR6607	F191	313B	317F	SVLS1	01/01/88	01/31/88	1	1,484
8800047	BR6608	F191	313B	317F	TPLM2	01/01/88	01/31/88	1	1,476
8800047	BR6609	F191	313B	317F	TTIW1	01/01/88	01/31/88	1	1,488
8800047	BR6610	F191	313B	317F	VENF1	01/01/88	01/31/88	1	1,484
8800047	BR6611	F191	313B	317F	WPOW1	01/01/88	01/31/88	1	1,016

Reference # | BR6933 - 6936 | ACCESSION NUMBER | 8800177

RECORD KEEPING ONLY

F1191

DATA DOCUMENTATION FORM

JAN. 1988 - APRIL 1988

NOAA FORM 24-13 (4-77)

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

(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

Sallie P. Nolan
NOAA/National Data Buoy Center
NSTL Station, MS 39529

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

TOGA

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

46125

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
N/A	Buoy		USA	04/01/88	04/31/88

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?)

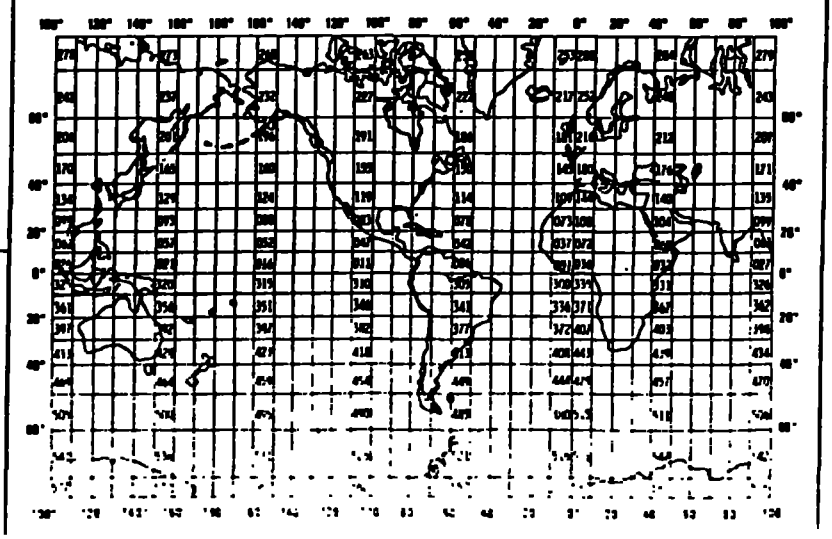
☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Sallie P. Nolan
8-494-1721

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

GENERAL AREA



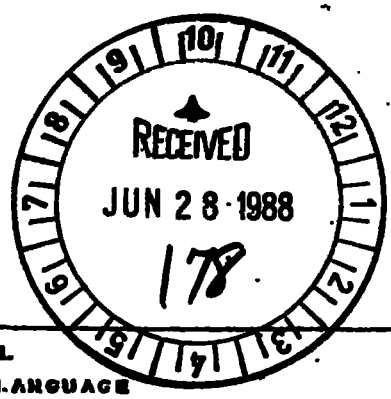
C. DATA FORMAT

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

Record type "1" (position 10) is Descriptive. The file, platform location, sampling and originator are described.
Record type "2" is Environmental Data. File keys are included along with meteorology and wave conditions.
Record type "3" is Wave Spectra Data.
Record type "4" is Subsurface Temperature Data.
Record type "5" is other Subsurface Data.
Record type "6" is Co and Quad Spectra for Directional Waves.
Record type "7" is Angular Fourier Coefficients for Directional Waves.
Record type "8" is Directional Wave Data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION



3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER _____
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☒ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

12. PHYSICAL BLOCK LENGTH IN BYTES
4080

13. LENGTH OF BYTES IN BITS
8

RECORD FORMAT DESCRIPTION

RECORD NAME File Name: Meteorology and Wave Spectra (File Type "191")

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTIVE HEADER RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"1" Descriptive header record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
LATITUDE	27	6		3I2	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		I3, 2I2	Degrees, Minutes, Seconds
LON. HEMISPHERE	41	1		A1	"E" or "W" Hemisphere
BOTTOM DEPTH	42	5		I5	Meters to tenths
MAGNETIC VARIATION	47	4		I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3		I3	Whole degrees from true north
WAVE SAMPLING RATE*	54	4		I4	Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4		I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3		I3	Number of frequency intervals
CHIEF SCIENTIST	65	20		A20	(optional)
INSTITUTION	85	20		A20	Data source
WIND SAMPLING DURATION	105	3		I3	Minutes to tenths
COMMENTS	108	13		A13	
*for buoy data only					RECORD LENGTH IS 120
ENVIRONMENTAL DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"2" (environmental data rec.)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
ALTITUDE	27	3		I3	Meteorology alt., meters to tenths
AIR TEMP	30	4		I4	Temperature, Celsius to tenths
DEW POINT	34	4		I4	Temperature, Celsius to tenths
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

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
PRECIPITATION	55	4		I4	Accumulation in millimeters
SOLAR RADIATION	59	3		I3	Langleys/minute to hundredths - wave length less than 3.6
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
DOMINANT 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 SEA SURFACE	77	3		I3	Meters to tenths, from reference level
TEMPERATURE SEA SURFACE	80	4		I4	Temperature Celsius to hundredths
SALINITY	84	5		I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5		I5	Millimhos/cm to thousandths
DOMINANT WAVE PERIOD	94	3		I3	Seconds to tenths
MAXIMUM WAVE HEIGHT	97	3		I3	Meters to tenths.
MAXIMUM WAVE STEEPNESS	100	3		I3	To be defined
WIND GUST	103	4		I4	Meters/sec. to hundredths
WIND GUST(avg.pd.) AVERAGING PERIOD	107	2		I2	Seconds
WIND GUST	109	4		I4	Meters/sec. to hundredths
WIND GUST	113	2		I2	Seconds
WIND SPEED(58 min. average)	115	3		I3	Meters/sec. to tenths whole degrees
WIND DIRECTION(58 min. average)	118	3		I3	Whole degrees
WAVE SPECTRA DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"3"(Wave Spectra Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
INTERVALS PER DIRECTION	27	3		I3	Zero for non-directional spectra, or total number of frequencies in this direction
DIRECTION	30	4		I4	Blank for non-directional spectra, or degrees to tenths from true N for frequencies on this record

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
WAVE SPECTRA DATA RECORD (cont'd)					
COUNT	34	1		I1	Number of frequencies on this record
DATA	35	70		5(2I4,I6)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63, 77, 91	4		I4	Center frequency of interval in Hertz to thousandths
Resolution	39, 53, 67, 81, 95	4		I4	Resolution of interval in Hertz to ten-thousandths
Density	43, 57, 71, 85, 99	6		I6	Spectral Density of interval in m^2/Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
SUBSURFACE TEMPERATURE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"4" (Subsurface Temperature Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		I0(I5,I4)	Up to 10 Depth and temperature fields
Depth	27, 36, 45, 54, 63, 72, 81, 90, 99, 108	5		I5	Obs. level, meters to tenths
Temperature	32, 41, 50, 59, 68, 77, 86, 95, 104, 113	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature
BLANKS	117	4		4X	Fill the fixed length record
SUBSURFACE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"5" (Subsurface Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		3(I5,I5,I5 I5,I5,I5)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		I5	Obs. Level, meters to tenths

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
SUBSURFACE DATA RECORD (cont'd)					
U Component	32, 62, 92	5		I5	East vector in cm/sec. to tenths
V Component	37, 67, 97	5		I5	True north vector in cm/sec. to tenths
Pressure	42, 72,102	5		I5	$Kg./cm^2$ to hundredths
Conductivity	47, 77,107	5		I5	Milliomhos/cm. to thousandths
Salinity	52, 82,112	5		I5	Parts per 1000 to thousandths
BLANKS	117	4		4X	Fill the fixed length record

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "6"
STATION NUMBER	11	6	Bytes	A6	Unique name of observation point
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C_{11}	36	6	Bytes	Signed Integers I6	Up to 9 uncorrected values of Co and Quad spectra in meters squared/Hz. The order these spectra are presented is: C_{11}, C_{22}, C_{33}, C_{12}, Q_{12}, C_{13}, Q_{13}, C_{23}, and Q_{23}
EXPONENT	42	2	Bytes	I2	Where subscripts are defined as follows:
CO-SPECTRA C_{22}	44	6	Bytes	I6	1. Heave
EXPONENT	50	2	Bytes	I2	2. E-W Slope
CO-SPECTRA C_{33}	52	6	Bytes	I6	3. N-S Slope
EXPONENT	58	2	Bytes	I2	
CO-SPECTRA C_{12}	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	If the exponent is less than -9
QUAD-SPECTRA Q_{12}	68	6	Bytes	I6	the exponent and its associated
EXPONENT	74	2	Bytes	I2	spectra should be zero
CO-SPECTRA C_{13}	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q_{13}	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C_{23}	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q_{23}	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
$C_{22} - C_{33}$	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	Same as "1"
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers I6	Up to 9 corrected values of the angular fourier coefficients in meters^2/Hz. The order of these coefficients is: $a_0, a_1, b_1, a_2, b_2, a_3, b_3, a_4, b_4$
EXPONENT	42	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
MEAN WAVE DIRECTION	108	3	Bytes	I3	Mean wave direction given by arctan b_1/a_1 in whole degrees from true north(opt. entry)
BLANKS	111	10	Bytes	10X	Blanks

PARAMETER	DESCRIPTION	SC
DIRECTIONAL WAVE PARAMETER		
RECORD	Always '8'	10
STATION	See Record '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
COUNT	X - Number of Frequencies on this Record (=1,2,or3)	27
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	28
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	32
R1 (see below)	XXXX - Recorded to Nearest Hundredth	36
R2 (see below)	XXXX - Recorded to Nearest Hundredth	40
A1 (see below)	XXXX - Recorded in Degrees to Tenths	44
A2 (see below)	XXXX - Recorded in Degrees to Tenths	48
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	52
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	58
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	62
R1 (see below)	XXXX - Recorded to Nearest Hundredth	66
R2 (see below)	XXXX - Recorded to Nearest Hundredth	70
A1 (see below)	XXXX - Recorded in Degrees to Tenths	74
A2 (see below)	XXXX - Recorded in Degrees to Tenths	78
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	82
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	88
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	92
R1 (see below)	XXXX - Recorded to Nearest Hundredth	96
R2 (see below)	XXXX - Recorded to Nearest Hundredth	100
A1 (see below)	XXXX - Recorded in Degrees to Tenths	104
A2 (see below)	XXXX - Recorded in Degrees to Tenths	108
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	112
BLANKS		118

NOTE: DIRECTIONAL WAVE SPECTRA = S(F,A)*D(F,A), in which F = FREQ(HZ), A = Azimuth Angle measured clockwise from North to direction wave is from. D(F,A) = (1/PI)*((1/2)+R1*COS(A-A1)+R2*COS(2*(A-A2))), in which R1 and R2 are dimensionless and A1 and A2 are respectively mean and principal wave directions. In terms of Longuet-Higgins Fourier Coefficients, R1 = (SQRT(A1*A1+B1*B1))/A0, R2 = (SQRT(A2*A2+B2*B2))/A0, A1 = ARCTAN(B1,A1), A2 = (1/2)ARCTAN(B2,A2) + 0 or PI. C11S(M*M/HZ) = (C22+C33)/(K*K) in which K, the propagation constant, is the solution to W*W = G*K*TANH(K*D), in which W = 2*PI*F, G = 9.806 M/(SEC*SEC), and D is mean water depth in meters.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Data Buoy Center
NSTL, Mississippi 39529

June 22, 1988

F1804-02
DB3:88-0313
SPN:lm

Ms. I. E. Green
Data Acquisition and Management Branch
National Oceanographic Data Center
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Ms. Green:

Enclosed please find corrected archive tape for the directional wave measuring station 46125 for March and April 1988. This station should have been archive for January and February 1988 also. This tape contains data from January 1988 through April 1988.

The problem with the tape as previously delivered was in the parameters:

Significant Wave Height (WVHGT)
Dominant Period (DOMPD)
Average Period (AVGPD)

Instead of these values as calculated using displacement spectra measured by the heave sensor (C11) the previously delivered tapes contained the corresponding parameters as calculated using displacment spectra estimated fro the slope sensors (C11S). These experimental values should be close to the values calculated using C11, but are not identical, and might be substantially different in some cases.

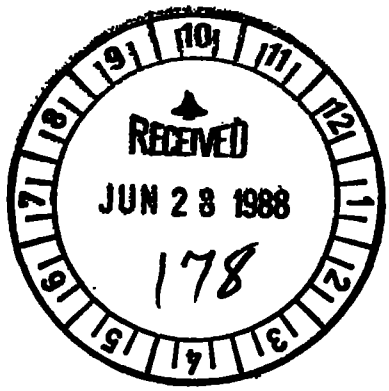
Sorry for the inconvience caused. The tapes delivered from May onwards should be correct.

If you have any questions please contact B. G. Redmon at FTS 494-2834.

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager



Green, Irish | | | SUBMITTED 6-29-88 | | 27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Scan

INPUT MEDIUM	OUTPUT MEDIUM
PAPER CARD DISK (TAPE) DISKETTE OTHER(SPECIFY)	CARD DISK (PRINT) TAPE PLOT DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A007610		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
$8 $6 29 88	06/29/88	10:20	10:25	C	COMPLETED BY J.S

COMMENTS

FT191
Jan-April 88

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Green, Trish			6-29-88		27

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Copy to 'W' tape and Scan output

INPUT MEDIUM
PAPER CARD DISK (TAPE)
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM
CARD DISK (PRINT) (TAPE) PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00760		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	W10198		9	1600	odd	NL	FB	120	4800	1
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBUOY 16

Mitch 6933.Dat

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
9806 2903	06/30/88	08:00	09:30	C	COMPLETED BY J.S

COMMENTS

Send to Asheville

Jan. - April 88

FT191

ACCESSION NO. 8800177 FILETYPE FT191 TRACK NO BR6933-6936 PROJECT IDENTIFICATION T06A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORD
ORIG. TAPE	6-30-88	JD	A000760	1	120	4080	
DUPLICATE TAPE	6-30-88	DS	WI0198*	1	120	4800	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

*Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

STOP

8800047

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

DATE: July 1, 1988

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVE AND INVENTORIES BRANCH (E/OC11)

-------- Level II ----------

Drifting Buoys (F156)

Acc: 8800153 Ref: TV1603 - 1698 96 sta. 21,646 records

TOGA April 1988 NDBC

Acc: 8800161 Ref: TV1699 - 1710 12 sta. 2,540 records

TOGA missing buoy data

Wind/wave Spectra (F191)

Acc:	8800047	Ref:	BR6933	1 sta.	7,320 records	Jan 1988
	8800082	Ref:	BR6934	1 sta.	42,090 records	Feb 1988
	8800131	Ref:	BR6935	1 sta.	45,149 records	Mar 1988
	8800152	Ref:	BR6936	1 sta.	43,334 records	Apr 1988

137,893

Note: These are replacements for buoy 46125

cc: Division Director

BR6933

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800047	BR6933	F191		313B	317F	46125	01/27/88	01/31/88	1	7,320
8800082	BR6934	F191		313B	317F	46125	02/01/88	02/29/88	1	42,090
8800131	BR6935	F191		313B	317F	46125	03/01/88	03/31/88	1	45,140
8800152	BR6936	F191		313B	317F	46125	04/01/88	04/30/88	1	43,334

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8800047	F291	BR6529	9999	313B	317F	1988/01/01	32302	177207
8800047	F291	BR6530	9999	313B	317F	1988/01/01	41001	177208
8800047	F291	BR6531	9999	313B	317F	1988/01/01	41002	177209
8800047	F291	BR6532	9999	313B	317F	1988/01/01	41006	177210
8800047	F291	BR6533	9999	313B	317F	1988/01/01	42001	177211
8800047	F291	BR6534	9999	313B	317F	1988/01/01	42002	177212
8800047	F291	BR6535	9999	313B	317F	1988/01/01	42007	177213
8800047	F291	BR6536	9999	313B	317F	1988/01/01	42015	177214
8800047	F291	BR6537	9999	313B	317F	1988/01/01	44004	177215
8800047	F291	BR6538	9999	313B	317F	1988/01/01	44005	177216
8800047	F291	BR6539	9999	313B	317F	1988/01/01	44006	177217
8800047	F291	BR6540	9999	313B	317F	1988/01/01	44007	177218
8800047	F291	BR6541	9999	313B	317F	1988/01/01	44008	177219
8800047	F291	BR6542	9999	313B	317F	1988/01/01	44009	177220
8800047	F291	BR6543	9999	313B	317F	1988/01/01	44011	177221
8800047	F291	BR6544	9999	313B	317F	1988/01/01	44012	177222
8800047	F291	BR6545	9999	313B	317F	1988/01/01	44013	177223
8800047	F291	BR6546	9999	313B	317F	1988/01/01	45001	177224
8800047	F291	BR6547	9999	313B	317F	1988/01/01	46001	177225
8800047	F291	BR6548	9999	313B	317F	1988/01/01	46002	177226
8800047	F291	BR6549	9999	313B	317F	1988/01/01	46003	177227
8800047	F291	BR6550	9999	313B	317F	1988/01/01	46004	177228
8800047	F291	BR6551	9999	313B	317F	1988/01/01	46005	177229
8800047	F291	BR6552	9999	313B	317F	1988/01/01	46006	177230
8800047	F291	BR6553	9999	313B	317F	1988/01/01	46010	177231
8800047	F291	BR6554	9999	313B	317F	1988/01/01	46011	177232
8800047	F291	BR6555	9999	313B	317F	1988/01/01	46012	177233
8800047	F291	BR6556	9999	313B	317F	1988/01/01	46014	177234
8800047	F291	BR6557	9999	313B	317F	1988/01/01	46017	177235
8800047	F291	BR6558	9999	313B	317F	1988/01/01	46022	177236
8800047	F291	BR6559	9999	313B	317F	1988/01/27	46023	177237
8800047	F291	BR6560	9999	313B	317F	1988/01/01	46025	177238
8800047	F291	BR6561	9999	313B	317F	1988/01/06	46026	177239
8800047	F291	BR6562	9999	313B	317F	1988/01/01	46027	177240
8800047	F291	BR6563	9999	313B	317F	1988/01/01	46028	177241
8800047	F291	BR6564	9999	313B	317F	1988/01/01	46035	177242
8800047	F291	BR6565	9999	313B	317F	1988/01/01	46039	177243
8800047	F291	BR6566	9999	313B	317F	1988/01/01	46040	177244
8800047	F291	BR6567	9999	313B	317F	1988/01/01	46041	177245
8800047	F291	BR6568	9999	313B	317F	1988/01/01	46042	177246
8800047	F291	BR6569	9999	313B	317F	1988/01/01	51002	177247
8800047	F291	BR6570	9999	313B	317F	1988/01/01	51004	177248
8800047	F291	BR6571	9999	313B	317F	1988/01/01	51005	177249
8800047	F291	BR6572	9999	313B	317F	1988/01/01	ALSN6	177250
8800047	F291	BR6573	9999	313B	317F	1988/01/01	BURL1	177251
8800047	F291	BR6574	9999	313B	317F	1988/01/01	BUZM3	177252
8800047	F291	BR6575	9999	313B	317F	1988/01/01	CARO3	177253
8800047	F291	BR6576	9999	313B	317F	1988/01/01	CHLV2	177254
8800047	F291	BR6577	9999	313B	317F	1988/01/01	CLKN7	177255
8800047	F291	BR6578	9999	313B	317F	1988/01/01	CSBF1	177256
8800047	F291	BR6579	9999	313B	317F	1988/01/01	DBLN6	177257
8800047	F291	BR6580	9999	313B	317F	1988/01/01	DESW1	177258
8800047	F291	BR6581	9999	313B	317F	1988/01/01	DISW3	177259
8800047	F291	BR6582	9999	313B	317F	1988/01/01	DPIA1	177260
8800047	F291	BR6583	9999	313B	317F	1988/01/01	DSLN7	177261
8800047	F291	BR6584	9999	313B	317F	1988/01/01	FBIS1	177262

8800047	F291	BR6585	9999	313B	317F	1988/01/01	FFIA2	177263
8800047	F291	BR6586	9999	313B	317F	1988/01/01	FPSN7	177264
8800047	F291	BR6587	9999	313B	317F	1988/01/01	GDIL1	177265
8800047	F291	BR6588	9999	313B	317F	1988/01/01	GLLN6	177266
8800047	F291	BR6589	9999	313B	317F	1988/01/01	IOSN3	177267
8800047	F291	BR6590	9999	313B	317F	1988/01/01	LKWF1	177268
8800047	F291	BR6591	9999	313B	317F	1988/01/01	MDRM1	177269
8800047	F291	BR6592	9999	313B	317F	1988/01/01	MISM1	177270
8800047	F291	BR6593	9999	313B	317F	1988/01/01	MLRF1	177271
8800047	F291	BR6594	9999	313B	317F	1988/01/01	NWPO3	177272
8800047	F291	BR6595	9999	313B	317F	1988/01/01	PILM4	177273
8800047	F291	BR6596	9999	313B	317F	1988/01/01	PTAC1	177274
8800047	F291	BR6597	9999	313B	317F	1988/01/01	PTAT2	177275
8800047	F291	BR6598	9999	313B	317F	1988/01/01	PTGC1	177276
8800047	F291	BR6599	9999	313B	317F	1988/01/01	ROAM4	177277
8800047	F291	BR6600	9999	313B	317F	1988/01/01	SAUF1	177278
8800047	F291	BR6601	9999	313B	317F	1988/01/01	SBIO1	177279
8800047	F291	BR6602	9999	313B	317F	1988/01/01	SGNW3	177280
8800047	F291	BR6603	9999	313B	317F	1988/01/01	SISW1	177281
8800047	F291	BR6604	9999	313B	317F	1988/01/01	SPGF1	177282
8800047	F291	BR6605	9999	313B	317F	1988/01/01	SRST2	177283
8800047	F291	BR6606	9999	313B	317F	1988/01/01	STDM4	177284
8800047	F291	BR6607	9999	313B	317F	1988/01/01	SVLS1	177285
8800047	F291	BR6608	9999	313B	317F	1988/01/01	TPLM2	177286
8800047	F291	BR6609	9999	313B	317F	1988/01/01	TTIW1	177287
8800047	F291	BR6610	9999	313B	317F	1988/01/01	VENF1	177288
8800047	F291	BR6611	9999	313B	317F	1988/01/01	WPOW1	177289
8800047	F291	BR6933	9999	313B	317F	1988/01/27	46125	177290

(84 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8800047	F291	BR6529	317F	1	7230	88/01/01	88/01/01
8800047	F291	BR6530	317F	1	8894	88/01/01	88/01/01
8800047	F291	BR6531	317F	1	3528	88/01/01	88/01/01
8800047	F291	BR6532	317F	1	8904	88/01/01	88/01/01
8800047	F291	BR6533	317F	1	1086	88/01/01	88/01/01
8800047	F291	BR6534	317F	1	2470	88/01/01	88/01/01
8800047	F291	BR6535	317F	1	7148	88/01/01	88/01/01
8800047	F291	BR6536	317F	1	47490	88/01/01	88/01/01
8800047	F291	BR6537	317F	1	2256	88/01/01	88/01/01
8800047	F291	BR6538	317F	1	8904	88/01/01	88/01/01
8800047	F291	BR6539	317F	1	47428	88/01/01	88/01/01
8800047	F291	BR6540	317F	1	7396	88/01/01	88/01/01
8800047	F291	BR6541	317F	1	1446	88/01/01	88/01/01
8800047	F291	BR6542	317F	1	2822	88/01/01	88/01/01
8800047	F291	BR6543	317F	1	8916	88/01/01	88/01/01
8800047	F291	BR6544	317F	1	6862	88/01/01	88/01/01
8800047	F291	BR6545	317F	1	7376	88/01/01	88/01/01
8800047	F291	BR6546	317F	1	7432	88/01/01	88/01/01
8800047	F291	BR6547	317F	1	8918	88/01/01	88/01/01
8800047	F291	BR6548	317F	1	4158	88/01/01	88/01/01
8800047	F291	BR6549	317F	1	8918	88/01/01	88/01/01
8800047	F291	BR6550	317F	1	8916	88/01/01	88/01/01
8800047	F291	BR6551	317F	1	8916	88/01/01	88/01/01
8800047	F291	BR6552	317F	1	7374	88/01/01	88/01/01
8800047	F291	BR6553	317F	1	7174	88/01/01	88/01/01
8800047	F291	BR6554	317F	1	2460	88/01/01	88/01/01
8800047	F291	BR6555	317F	1	7412	88/01/01	88/01/01
8800047	F291	BR6556	317F	1	7440	88/01/01	88/01/01
8800047	F291	BR6557	317F	1	482	88/01/01	88/01/01
8800047	F291	BR6558	317F	1	8928	88/01/01	88/01/01
8800047	F291	BR6559	317F	1	1022	88/01/27	88/01/27
8800047	F291	BR6560	317F	1	7370	88/01/01	88/01/01
8800047	F291	BR6561	317F	1	4674	88/01/06	88/01/06
8800047	F291	BR6562	317F	1	7392	88/01/01	88/01/01
8800047	F291	BR6563	317F	1	8754	88/01/01	88/01/01
8800047	F291	BR6564	317F	1	7152	88/01/01	88/01/01
8800047	F291	BR6565	317F	1	7014	88/01/01	88/01/01
8800047	F291	BR6566	317F	1	7440	88/01/01	88/01/01
8800047	F291	BR6567	317F	1	7386	88/01/01	88/01/01
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8800047	F291	BR6570	317F	1	1266	88/01/01	88/01/01
8800047	F291	BR6571	317F	1	7224	88/01/01	88/01/01
8800047	F291	BR6572	317F	1	1446	88/01/01	88/01/01
8800047	F291	BR6573	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6574	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6575	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6576	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6577	317F	1	1380	88/01/01	88/01/01
8800047	F291	BR6578	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6579	317F	1	1330	88/01/01	88/01/01
8800047	F291	BR6580	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6581	317F	1	1340	88/01/01	88/01/01
8800047	F291	BR6582	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6583	317F	1	1486	88/01/01	88/01/01
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8800047	F291	BR6585	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6586	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6587	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6588	317F	1	1356	88/01/01	88/01/01
8800047	F291	BR6589	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6590	317F	1	1482	88/01/01	88/01/01
8800047	F291	BR6591	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6592	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6593	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6594	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6595	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6596	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6597	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6598	317F	1	1426	88/01/01	88/01/01
8800047	F291	BR6599	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6600	317F	1	1482	88/01/01	88/01/01
8800047	F291	BR6601	317F	1	1480	88/01/01	88/01/01
8800047	F291	BR6602	317F	1	1222	88/01/01	88/01/01
8800047	F291	BR6603	317F	1	1486	88/01/01	88/01/01
8800047	F291	BR6604	317F	1	1352	88/01/01	88/01/01
8800047	F291	BR6605	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6606	317F	1	1456	88/01/01	88/01/01
8800047	F291	BR6607	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6608	317F	1	1476	88/01/01	88/01/01
8800047	F291	BR6609	317F	1	1488	88/01/01	88/01/01
8800047	F291	BR6610	317F	1	1484	88/01/01	88/01/01
8800047	F291	BR6611	317F	1	1016	88/01/01	88/01/01
8800047	F291	BR6933	317F	1	7320	88/01/27	88/01/27

(84 rows affected)