

DDF-B:2:07

DATA DOCUMENTATION FORM

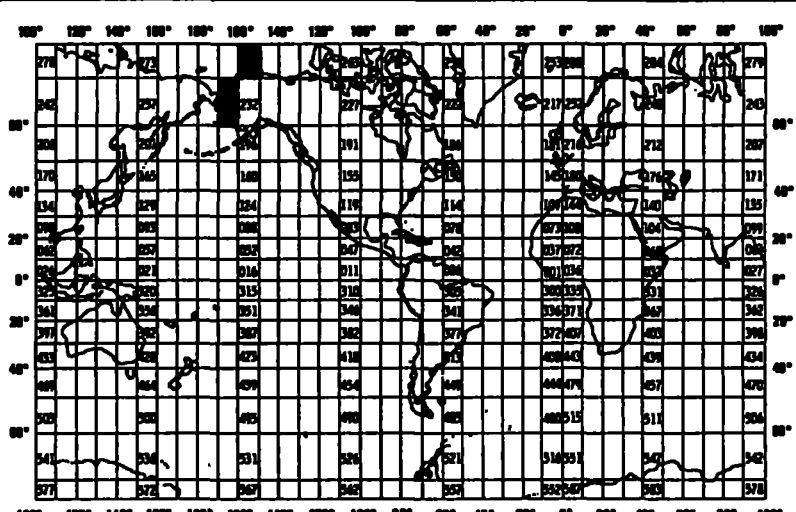
TR 4444

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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 Bodega Marine Laboratory University of California P.O. Box 247 Bodega Bay, Calif. 94923			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED R.U. # 172, OCSEAP Shorebird Dependence on Arctic Littoral Habitats		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770602 034	
4. PLATFORM NAME(S) N/A	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) on foot	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 5/26/77 9/17/77
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) Dr. Peter G. Connors 707-875-3511			

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
Dry Bulb Temperature Wind Direction Wind Speed Weather Code Cloud Amount Visibility	10 th s of degrees C tens of degrees WMO codes 0885 and 0887 Whole knots WMO code 4677 WMO code 2700 WMO code 4300	For Barrow, AK: taken directly from U.S. Weather Bureau data sheets For Cape Krusenstern: used Dwyer hand-held wind meter and Taylor hi-lo thermometer For Wales: data taken from Naval - Polar Research Lab data sheets	N/A	N/A
Number of individuals Percent Ice Cover on transects	 WMO Code 0547	In 95% of all cases, by direct count. Occasionally by counting in groups of 10 (approx.)	N/A	N/A

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**

Five record types:

Location - type 1
Environmental - type 2
Ice - type 3
Text - type 4
Data - type 5

differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Organized in order of station number, record type, sequence number.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

Michael L. Crane

(907) 279-4523

ADDRESS

707 A St.

AEIDC

Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____
6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____	10. END OF FILE MARK ☒ OCTAL 17 ☐ _____
7. PARITY ☒ ODD ☐ EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 172 034 770602 ON FOOT 77/05/26 77/09/17 CONNORS .9TRK, 1600BPI, ODD, EBCDIC
8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____	12. PHYSICAL BLOCK LENGTH IN BYTES 4000
	13. LENGTH OF BYTES IN BITS NA

RECORD FORMAT DESCRIPTION

NAME Location - Land Census

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., 31th, 4th byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File le Type	1	3	Bytes	A3	Always '034'
File le Identifier	4	6	Bytes	A6	
Record cord Type	10	1	Bytes	I1	Always '1'
Station ation Number	11	5	Bytes	A5	
Latitude atitude,					(Starting position corresponding to 0,0 on grid)
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude ngitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Date ite - Time QT					
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minute	39	2	Bytes	I2	0-59
Latitude atitude,					(Ending position corresponding to (max, 0) on grid)
Degrees	41	2	Bytes	I2	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	
Hemisphere	47	1	Bytes	A1	'N' or 'S'

RECORD FORMAT DESCRIPTION

Location - Land Census (Continued)

NAME

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude Latitude,					
Degrees	48	3	Bytes	I2	
Minutes	51	2	Bytes	I2	
Seconds	53	2	Bytes	I2	
Hemisphere	55	1	Bytes	A1	'E' or 'W'
Elapsed Time	56	3	Bytes	I3	In whole minutes
Speed Made Good	59	3	Bytes	I3	In whole knots
Unit Dimension	62	3	Bytes	I3	In whole meters, (X- and y- axis must be equal)
No. of units in X-axis	65	2	Bytes	I2	In whole numbers
No. of units in y-axis	67	2	Bytes	I2	In whole numbers
Photos photo(s) taken	69	1	Bytes	A1	Use collection code
Blank link	70	11	Bytes	11X	

RECORD FORMAT DESCRIPTION

NAME Environmental - Land Census

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., 5th, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File le Type	1	3	Bytes	A3	Always '034'
File le Identifier	4	6	Bytes	A6	
Record cord Type	10	1	Bytes	I1	Always '2'
Station ation Number	11	5	Bytes	A5	
Surface rface Salinity	16	3	Bytes	I3	Parts/thousand to tenths
Dry y Bulb Temperature	19	4	Bytes	I4	In tenths of deg. C
Wet st Bulb Temperature	23	4	Bytes	I4	In tenths of deg. C
Relative elative Humidity	27	2	Bytes	I2	Percent (00-99)
Barometric arometric Pressure	29	4	Bytes	I4	In tenths of millibars
Barometric arometric Trend	33	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling
Wind ind Direction	34	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Wind ind Speed	36	2	Bytes	I2	In whole knots
Breaker Height	38	1	Bytes	A1	WMO Code 3700
Weather Code	39	2	Bytes	A2	WMO Code 4677 (00-99)
Cloud Type	41	1	Bytes	A1	WMO Code 0500
Cloud Amount	42	1	Bytes	A1	WMO Code 2700
Visibility	43	1	Bytes	A1	WMO Code 4300
Tide Height Code	44	1	Bytes	A1	
Rising or Falling Tide	45	1	Bytes	A1	'+' = rising, '-' = falling
Distance to Near- est Shoreline	46	4	Bytes	I4	In whole nautical miles
Debris Code	50	1	Bytes	A1	
Blank	51	30	Bytes	30X	

RECORD FORMAT DESCRIPTION

NAME Ice - Land Census

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bit, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
<u>Ice in Transect</u>					
Coverage Code	16	1	Bytes	A1	WMO 0547
Type Code	17	1	Bytes	A1	WMO 3763
Form Code	18	1	Bytes	A1	WMO 1147
Relief Code	19	1	Bytes	A1	WMO 3962
Thickness Code	20	1	Bytes	A1	WMO 4006
Melt Code	21	1	Bytes	A1	WMO 2650
<u>Ice Outside Transect</u>					
Coverage Code	22	1	Bytes	A1	WMO 0547
Type Code	23	1	Bytes	A1	WMO 3763
Form Code	24	1	Bytes	A1	WMO 1147
Relief Code	25	1	Bytes	A1	WMO 3962
Thickness Code	26	1	Bytes	A1	WMO 4006
Melt Code	27	1	Bytes	A1	WMO 2650
<u>Open Water</u>					
Type Code	28	1	Bytes	A1	WMO 4552
Direction Code	29	1	Bytes	A1	WMO 0739
Distance Code	30	1	Bytes	A1	WMO 3600

Ice - Land Census (Continued)

NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., Bits, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
or Polynya dth Code	31	1	Bytes	A1	WMO 4300 (used only if '6', '7', or '8' in column 28)
ble Ice					
escription Code	32	1	Bytes	A1	WMO 0663 (used only if '9' in column 28)
irection Code	33	1	Bytes	A1	WMO 0739 used only if
istance Code	34	1	Bytes	A1	WMO 3600 column 32 is coded
cellaneous					
retic Cod Observed	35	1	Bytes	A1	Use collection code
xcess Sediment	36	1	Bytes	A1	Use collection code
Ice Algae Layer	37	1	Bytes	A1	Use collection code
mammal Trace Code	38	1	Bytes	A1	Use mammal trace code
er Features	39	1	Bytes	A1	Use mammal trace code
unk	40	41	Bytes	41X	Blank

RECORD FORMAT DESCRIPTION

NAME Text - Land Census

FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>Bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence Number	78	3	Bytes	I3	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

NAME Data - Land Census

15. NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
X-coordinate	16	2	Bytes	I2	Unit number as specified in location card
Y-coordinate	18	2	Bytes	I2	
Taxonomic Code	20	10	Bytes	I10	
Sub Species	30	2	Bytes	I2	
Species Group	32	2	Bytes	A2	
Age Class Group Code	34	1	Bytes	A1	
Sex Code	35	1	Bytes	A1	
Color Phase Code	36	1	Bytes	A1	
Plumage Code	37	1	Bytes	A1	
Molt Code	38	1	Bytes	A1	
Number of Individuals	39	6	Bytes	I6	Whole numeric
Direction of Flight	45	2	Bytes	I2	In tens of degrees (01-36) use applicable portion of WMO Codes 0885 and 0877
Association Code	47	1	Bytes	A1	
Type of Association Code	48	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	51	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 48-50
Behavior (Activity) Code	53	2	Bytes	A2	

RECORD FORMAT DESCRIPTION

NAME Data - Land Census (Continued)

FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Food Source Association Code	55	1	Bytes	A1	In whole nautical miles Ascending numeric, for sorting purposes.
Taxonomic Code for Food Species	56	10	Bytes	I10	
Debris Code	66	1	Bytes	A1	
Dil Code	67	1	Bytes	A1	
Distance from Nearest Breeding Colony	68	3	Bytes	I3	
Blank	71	7	Bytes	7X	
Sequence Number	78	3	Bytes	I3	

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
N/A									

accession no: 77-0255

	11
034	
SDF1 000654	
SDF2 001721	
ANSI 000625	
TR 307, 470, 496, 1268, 1894, 2338, 3935, 3936, 4123, 4444,	
6745	
	56,547



MARINE LABORATORY

P. O. BOX 247
BODEGA BAY, CALIFORNIA 94923

25 February 1980

Jim Audet
National Oceanographic Data Center
Environmental Data & Information Service
National Oceanic & Atmospheric Administration
Washington, DC 20235

Dear Jim:

Here are the corrections for the files you sent me in October (1977 data) and November (1976 data).

In answer to your questions from 9 October, 1979:

1. The data for station number B3B14 should be for BCB14.
2. The environmental records for stations WSB-- should be for WBS--. There are location and data records for WBS.
3. The invalid behavior code for station WEL 07 should be 01.
4. The values for X and Y units were not written correctly for the Wales transects. I have enclosed your summary of errors on which I have made the X and Y corrections.

Pertaining to your letter of 26 November 1979, I have made the corrections on your enclosures A & B. For your enclosure C, I went back to our original data sheets and made corrections not only for "unknown" entries but for mistaken taxonomic codes as well. The DM transects had problems with the dates, so these were also corrected. Since this run only listed the species name and tax. code for each transect (not X and Y coordinate or number of individuals), I could not completely correct each wrong entry. I am enclosing copies of our coding sheets which I am hoping you can use to make the necessary corrections. For each ambiguous correction on enclosure C, I refer you to a particular page in the coding sheets. I think this will be clear when you look it over.

I am also sending a request form for tapes of our 1976 and 1977 data. I realize it will take a while to make the corrections I'm sending now, but... we'd appreciate it if this work could be done as soon as possible. Peter has hired a post-doc, Kim Smith, to work with this data, and he will be arriving March 9. Could you let us know how long it will take to get the tapes? I got the tape characteristics from the CDC consultant on Berkeley

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campus. He said I should include his phone number in case you have further questions.

We would also need a tape of the corrected 1975 data. Do you know if those data have had checks run? I don't remember making these kinds of corrections on the 1975 data.

Thank you for your help. Be sure to call me if you need any more information.

Sincerely,

Carolyn S. Connors

Carolyn S. Connors

Enclosures:

- A - J. Audet's original (1976 data)
- B - J. Audet's original
- C - J. Audet's original
- D - Connors coding sheets with page of additions
- E - 1977 Data checks
- F - Data Request form

cc: Toni Johnson, Arctic Project Office (with enclosure F only)

CSC:pcw

P.S. I am also enclosing one correction for the 1976 data. I hope this kind of a change is not too difficult. (Enclosure G).

150/ 2093
150
598

V=5=17021
30/4400
F034
707R.
F034.TP0496
W0226
724621LT
CHECK
415T

Error Correction Documentation Form

DATE: 8-17-79

TO:

FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0255

- 1) File Type: 034
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR 4444

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0255

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	ANDY57	NL	80	4000	FB	
DUPLICATE	007804	NL	80	4800	FB	
REFORMATTED						
FIRST USER						
FINAL USER						

Data Set Route Sheet

Accession # 79-0255

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8-14-79 <i>SM</i>	ANDY57 1	4000	80
2. <i>QUAD I</i> Duplicate Tape #	8-17-79 <i>SM</i>	007804 1	4800	80
3. DDF Evaluation				
4. Quality Review				
5. Preliminary Data Sort				
6. Preliminary Check				
7. First User Tape #				
8. Final User Tape #				
9. Final Check				
10. NAPIS Inventory				
11. DIP Inventory				
12. Data Set 'Finalized'				

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL10653828N16P0358W77C7210245653847N1680345W020 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL11653828N16P0358W77C7260050653847N1680345W016 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44445WWL11 91 0 1
??????

DATA BELOW RANGE IN # OF INDIVIDUALS WHOLE NUMBER

034TR44441WWL12653828N1680358W77C7302140653847N1680345W015 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL13653828N1680358W77C708041942653847N1680345W015 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL14653828N1680358W77C708092233653847N1680345W016 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL15653828N1680358W77C7150024653847N1680345W015 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL16653828N1680358W77C7192106653847N1680345W006 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL17653828N1680358W77C7260020653847N1680345W020 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL18653828N1680358W77C7310010653847N1680345W016 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44441WWL19653828N1680358W77C73050105653847N1680345W012 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

034TR44445WWL19 91 0 1
??????

DATA BELOW RANGE IN # OF INDIVIDUALS WHOLE NUMBER

034TR44441WWL20653828N1680358W77C709092035653847N1680345W025 0501900
??

DATA BELOW RANGE IN # UNITS IN Y-AXIS WHOLE NUMBERS

THE FIELDS BELOW WERE CHECKED AS FOLLOWS(S=SIGN/R=BLANK/T=TAXONOMIC CODE/N=NUMERICS/M=MANDATORY NUMERIC/Z=NO CHECKING

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT	FP	FP-1	>-1
Z	1	11	5	STATION NUMBER					990			
M	1	16	2	LAT DEG	40	89 65 71	67.30	2.41	990	990	0	0
M	1	18	2	LAT MIN	0	59 5 45	23.46	13.66	990	990	0	0

N 1	20	2	LAT SEC	0	59	0	58	29.09	18.60	990	990	0	0
C 1	22	1	0500LAT HEM							990			
M 1	26	2	LON MIN	0	59	0	52	26.47	18.41	990	990	0	0
N 1	28	2	LON SEC	0	59	0	58	25.03	16.94	990	990	0	0
C 1	30	1	0501LON HEM							990			
M 1	31	2	YEAR	NO RANGE CHECKING		77	77	77.00	00	990	990	0	0
M 1	33	2	MCNTH	1	12	6	9	7.54	96	990	990	0	0
M 1	35	2	DAY	1	31	1	31	15.71	8.98	990	990	0	0
M 1	37	2	HOUR	0	23	0	23	18.46	7.43	988	988	0	0
N 1	39	2	MINUTE	0	59	0	59	34.03	19.59	988	988	0	0
N 1	41	2	LAT DEG END	0	85	65	71	67.30	2.41	990	990	0	0
N 1	43	2	LAT MIN END	0	59	5	45	23.58	13.81	990	990	0	0
N 1	45	2	LAT SEC END	0	59	0	59	31.55	14.89	990	990	0	0
C 1	47	1	0500LAT HEM							990			
N 1	48	3	LON DEG END	0	179	156	168	163.02	4.94	990	990	0	0
N 1	51	2	LCN MIN END	0	59	0	50	26.27	18.51	990	990	0	0
N 1	53	2	LCN MIN SEC	0	59	0	58	25.27	17.54	990	990	0	0
C 1	55	1	0501LCN HEM							990			
N 1	56	3	ELAPSED TIME WHOLE MIN	1	600	1	252	30.36	40.67	988	988	0	0
N 1	59	3	SPEED MADE GOOD WHOLE KNOTS	1	10	NO VALUES FOUND FOR THIS PARAMETER							
N 1	62	3	UNIT DIMENSION WHOLE METERS	1	999	50	50	50.00	00	990	990	0	0
N 1	65	2	# UNITS IN X-AXIS WHOLE NUMBERS	1	99	5	58	17.35	6.82	990	990	0	0
N 1	67	2	# UNITS IN Y-AXIS WHOLE NUMBERS	1	99	0	2	93	71	990	990	0	0
C 1	69	1	0095PHOTOS TAKEN			NO VALUES FOUND FOR THIS PARAMETER							
R 1	70	11								990			
Z 2	11	5	STATION NUMBER							971			
N 2	16	3	SURFACE SALINITY PPT TO .1	100	360	NO VALUES FOUND FOR THIS PARAMETER							
N 2	19	4	DRY-BULB TEMPERATURE .1 DEG C	-320	320	0	238	105.96	54.47	926	628.	298	0
N 2	23	4	WET-BULB TEMPERATURE .1 DEG C	-320	320	NO VALUES FOUND FOR THIS PARAMETER							
N 2	27	2	RELATIVE HUMIDITY PERCENTAGE	10	99	NO VALUES FOUND FOR THIS PARAMETER							
N 2	29	4	BAROMETRIC PRESS TENTHS OF MB	NO RANGE CHECKING		NO VALUES FOUND FOR THIS PARAMETER							
C 2	33	1	0186BAROMETRIC TREND			NO VALUES FOUND FOR THIS PARAMETER							
C 2	34	2	0110WIND DIRECTION							905			
N 2	36	2	WIND SPEED WHOLE KNOTS	0	70	0	29	8.73	4.26	918	918	0	0
C 2	38	1	0109BREAKER HEIGHT			NO VALUES FOUND FOR THIS PARAMETER							
C 2	39	2	0159WEATHER							180			
C 2	41	1	0053CLOUD TYPE			NO VALUES FOUND FOR THIS PARAMETER							
C 2	42	1	0105CLOUD AMOUNT							921			
C 2	43	1	0157VISIBILITY							593			
C 2	44	1	0049TIDE HEIGHT			NO VALUES FOUND FOR THIS PARAMETER							
C 2	45	1	0187RISING/FALLING TIDE			NO VALUES FOUND FOR THIS PARAMETER							
N 2	46	4	DIST NEARSTSHORELINE N MILES	0	100	NO VALUES FOUND FOR THIS PARAMETER							
C 2	50	1	0116DEBRIS CODE			NO VALUES FOUND FOR THIS PARAMETER							
B 2	51	30								971			
Z 3	11	5	STATION NUMBER							644			
C 3	16	1	0054ICE COVER IN TRANS.							640			
C 3	17	1	0059TYPE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	18	1	0057FORM CODE							4			
C 3	19	1	0107RELIEF CODE							3			
C 3	20	1	0061THICKNESS CODE							5			
C 3	21	1	0058MELT CODE							5			
C 3	22	1	0054ICE COVER OUT TRANS.			NO VALUES FOUND FOR THIS PARAMETER							
C 3	23	1	0059TYPE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	24	1	0057FORM CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	25	1	0107RELIEF CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	26	1	0061THICKNESS CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	27	1	0058MELT CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	28	1	0158TYPE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	29	1	0056OPEN WATER DIRECTION			NO VALUES FOUND FOR THIS PARAMETER							
C 3	30	1	0106DIST TO OPEN WATER			NO VALUES FOUND FOR THIS PARAMETER							

C 3	31	1	0157LEAD OR POLYNA WIDTH			NO VALUES FOUND FOR THIS PARAMETER							
C 3	32	1	0055VISIB ICE DESCRIP.			NO VALUES FOUND FOR THIS PARAMETER							
C 3	33	1	0056VISIB ICE DIRECTION			NO VALUES FOUND FOR THIS PARAMETER							
C 3	34	1	0106DIST TO VISIBLE ICE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	35	1	0095ARCTIC COND OBSERVED			NO VALUES FOUND FOR THIS PARAMETER							
C 3	36	1	0095EXCESS SEDIMENT			NO VALUES FOUND FOR THIS PARAMETER							
C 3	37	1	0095ICE ALGAE LAYER			NO VALUES FOUND FOR THIS PARAMETER							
C 3	38	1	0036MAMMAL TRACE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 3	39	1	0036OTHER FEATURES			NO VALUES FOUND FOR THIS PARAMETER							
B 3	40	41								644			
Z 4	11	5	STATION NUMBER							31			
N 4	78	3	SEQUENCE NUMBER	NO RANGE CHECKING		1	2	1.19	40	26	26	0	0
Z 5	11	5	STATION NUMBER							8347			
N 5	16	2	X-COORDINATE	0	99	0	90	8.68	7.20	8280	8280	0	0
N 5	18	2	Y-COORDINATE	0	99	0	10	26	56	8282	8282	0	0
T 5	20	12	TAXONOMIC CODE TO SUB SPECIES							8347			
Z 5	32	2	SPECIES GROUP			NO VALUES FOUND FOR THIS PARAMETER							
C 5	34	1	0112AGE CLASS GROUP CODE							6768			
C 5	35	1	0101SEX CODE							4375			
C 5	36	1	0115COLOR PHASE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 5	37	1	0043PLUMAGE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 5	38	1	0039MOLT CODE			NO VALUES FOUND FOR THIS PARAMETER							
N 5	39	6	# OF INDIVIDUALS WHOLE NUMBER	1	50000	0	800	5.20	23.35	8346	8346	0	0
C 5	45	2	0110DIRECTION OF FLIGHT			NO VALUES FOUND FOR THIS PARAMETER							
C 5	47	1	0050ASSOCIATION CODE			NO VALUES FOUND FOR THIS PARAMETER							
N 5	48	3	LNKG FOR MULTISPEC.	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 5	51	2	# SPECIES PARTIC.	1	99	NO VALUES FOUND FOR THIS PARAMETER							
C 5	53	2	0142BEHAVIOR(ACTIVITY)CODE							1525			
C 5	55	1	0032FOOD SOURCE ASSOCIATION			NO VALUES FOUND FOR THIS PARAMETER							
Z 5	56	10	TAX CODE FOR FOOD SPECIES			NO VALUES FOUND FOR THIS PARAMETER							
C 5	66	1	0116DEBRIS CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 5	67	1	0099OIL CODE			NO VALUES FOUND FOR THIS PARAMETER							
N 5	68	3	DIST NR BREED COLONY N MILES	0	999	NO VALUES FOUND FOR THIS PARAMETER							
B 5	71	7								8347			
N 5	78	3	SEQUENCE NUMBER	NO RANGE CHECKING		1	83	11.04	12.44	8347	8347	0	0

RECORDS READ : 10983

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
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7900255	F034	TR4444	0081	311F	32P8	1977/06/01	770602	309717

(1 row affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
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7900255	F034	TR4444	32P8	992	10983	77/06/01	77/09/09

(1 row affected)