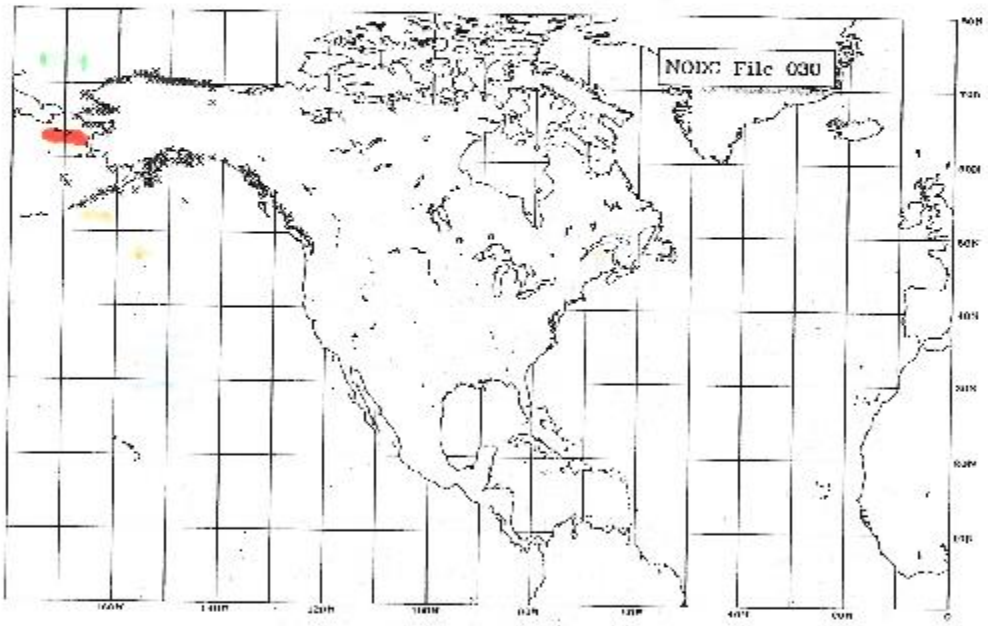
4.1.22 Intertidal Organisms and Habitats (F030)

Geographic area: Coastal Alaska

Time period: 1974 - 1980

This file contains data from field sampling of marine organisms in intertidal or subtidal habitats. The data are collected to provide information about species abundance and distribution. Data from each observation may include: cruise and station information such as vessel name, senior scientist, position, date, and time; environmental conditions such as surface temperature and salinity, wind speed and direction, and sea state; sediment and habitat descriptors; and species identification and counts and measurements. Data may be reported for either individual or composite samples. A text record is available for reporting comments.



File Structure -

Seven 122-character records: (1) File Header Record, (2) Station Header Record, (3) Site Header Record, (4) Composite Data Record, (5) Individual Sample Record, (6) Profile Data Record, and (7) Text Record.

File Format -

Intertidal Organisms and Habitats (File 030)

PARAMETER	DESCRIPTION	SC	EL
FILE HEADER RECORD			
NODC FILE NUMBER	ALWAYS '030'	1	3
NODC TRACK NUMBER PK	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '1'	10	1
VESSEL NAME/ FIELD UNIT	11-CHARACTER FIELD FOR PLATFORM IDENTIFICATION	11	11
CRUISE NUMBER	SIX-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR	22	6
START DATE (GMT)	YYMMDD	28	6
END DATE (GMT)	YYMMDD	34	6
SENIOR SCIENTIST	19 CHARACTER FIELD FOR SENIOR SCIENTIST OR TEAM LEADER	40	19
INVESTIGATOR/INSTITUTION	64-CHARACTER FIELD FOR INVESTIGATOR AND/OR INSTITUTION NAME	59	64
STATION HEADER RECORD			
NODC FILE NUMBER	ALWAYS '030'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '2'	10	1
STATION NUMBER PK	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES '3', '4', '5', '6' AND '7'	11	5
SEQUENCE NUMBER	XXXX - USED FOR SORTING DATA RECORDS - ALSO INCLUDED ON RECORD TYPES '3', '4', '5', '6' AND '7'	16	4
LATITUDE	DDMMXX (DEGREES, MINUTES TO HUNDREDTHS)	20	6
LATITUDE HEMISPHERE	ONE-CHARACTER CODE - 'N' OR 'S'	26	1
LONGITUDE	DDDMMXX (DEGREES, MINUTES TO HUNDREDTHS)	27	7
LONGITUDE HEMISPHERE	ONE-CHARACTER CODE 'E' OR 'W'	34	1
DATE	YYMMDD	35	6
START TIME (GMT)	XXXX (HOURS AND MINUTES)	41	4
ELAPSED TIME (GMT)	XXXX (HOURS AND MINUTES)	45	4
TIME ZONE	TWO DIGIT FIELD PRECEDED BY + OR - SIGN TO INDICATE GEOGRAPHIC TIME ZONE	49	3
SURFACE SALINITY	XXXXX (PARTS PER THOUSAND TO THOUSANDTHS)	52	5
SURFACE TEMPERATURE	XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE (DEG C TO HUNDREDTHS)	57	5
AIR TEMPERATURE	XXXX - NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE (DEG C TO TENTHS)	62	4
SECCHI DISC DEPTH	XXX (METERS TO TENTHS)	66	3
WEATHER	TWO-CHARACTER CODE - USE NODC CODE 0159 (WMO 4677)	69	2
CLOUD TYPE	ONE CHARACTER CODE - USE NODC CODE 0053 (WMO 0500)	71	1
CLOUD AMOUNT	ONE-CHARACTER CODE - USE NODC CODE 0105 (WMO 2700)	72	1
WIND SPEED	XX (WHOLE KNOTS)	73	2
WIND DIRECTION	XXX (DEGREES - DIRECTION FROM)	75	3
SEA STATE	ONE CHARACTER CODE - USE NODC CODE 0109 (WMO 3700)	78	1
BREAKER HEIGHT	ONE-CHARACTER CODE - USE NODC CODE 0109 (WMO 3700)	79	1
EXPOSURE DIRECTION	XXX (DEGREES)	80	3
SUBSTRATA TYPE-TERTIARY*	ONE CHARACTER CODE USE NODC CODE 0160	83	1
SUBSTRATA TYPE-SECONDARY*	ONE-CHARACTER CODE - USE NODC CODE 0160	84	1
SUBSTRATA TYPE-PRIMARY*	ONE-CHARACTER CODE - USE NODC CODE 0160	85	1
*THERE MAY BE ANY COMBINATION OF UP TO 9 SUBSTRATA TYPE CODES, CODE FROM RIGHT TO LEFT (MOST PREDOMINANT ON THE RIGHT)			
BAROMETRIC PRESSURE	XXXX (MILLIBARS TO TENTHS)	86	4
HABITAT GEOMORPHIC	ONE-CHARACTER CODE - USE NODC CODE 0099	90	1
HABITAT COMPOSITION	ONE-CHARACTER CODE - USE NODC CODE 0099	91	1
HABITAT COVER	ONE-CHARACTER CODE - USE NODC CODE 0099	92	1
HABITAT SLOPE	ONE-CHARACTER CODE - USE NODC CODE 0071	93	1

SECCHI DISC VISIBILITY	ONE-CHARACTER CODE - USE NODC CODE 0220	94	1
SALINITY METHOD	ONE-CHARACTER CODE - 'P' = PRACTICAL SALINITY, 'S' = SALINITY, BLANK = NOT SPECIFIED	95	1
STATION IDENTIFIER	10-CHARACTER ORIGINATOR STATION IDENTIFIER	96	10
BLANKS		106	17

SITE HEADER RECORD

NODC FILE NUMBER	ALWAYS '000'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '2'	10	1
STATION NUMBER	SEE RECORD '2'	11	5
SEQUENCE NUMBER	SEE RECORD '2'	16	4
CATALOG NUMBER	EIGHT-CHARACTER FIELD FOR THE ORIGINATOR'S INTERNAL NUMBER	20	8
PHOTOGRAPH NUMBER	TEN-CHARACTER FIELD FOR THE ORIGINATOR'S INTERNAL NUMBER	28	10
GEAR TYPE	ONE-CHARACTER CODE - USE NODC CODE 0810	38	1
TRANSECT NUMBER	TWO-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR	39	2
TRANSECT DIRECTION	XXX (DEGREES TOWARD)	41	3
METER NUMBER	FOUR-CHARACTER FIELD DETERMINED BY THE ORIGINATOR	44	4
ZONE/ARROW NO. OF SAMPLE	THREE-CHARACTER FIELD DETERMINED BY THE ORIGINATOR	48	3
QUADRAT SIZE	XXXXX (SQUARE METERS TO THOUSANDTHS)	51	5
ELEVATION	XXXX (METERS TO HUNDREDTHS) - PRECEDED BY MINUS SIGN FOR SAMPLES COLLECTED BELOW WATER LEVEL	56	4
SUBSTRATA TYPE TERTIARY	SEE RECORD '2'	60	1
SUBSTRATA TYPE-SECONDARY	SEE RECORD '2'	61	1
SUBSTRATA TYPE-PRIMARY	SEE RECORD '2'	62	1
SURFACE TOPOGRAPHY II	SAME CODING SCHEME AS SUBSTRATA TYPE - USE NODC CODE 0011	63	1
SURFACE TOPOGRAPHY II	SAME AS ABOVE	64	1
SURFACE TOPOGRAPHY I	SAME AS ABOVE	65	1
COLLECTION TIME (GMT)	XXXX (HOURS AND MINUTES)	66	4
SIEVE SIZE	XXXX (MILLIMETERS TO HUNDREDTHS)	70	4
DILUTION VOLUME*	XXX (TO THOUSANDTHS)	74	3

*THAT PORTION OF A SAMPLE EXPRESSED IN DECIMAL EQUIVALENTS WHICH IS ANALYZED AFTER THE SAMPLE HAS BEEN DILUTED, AS A MEANS OF STATISTICALLY ESTIMATING THE COMPOSITION OF THE SAMPLE WITHOUT HAVING TO EXAMINE THE ENTIRE SAMPLE. FOR EXAMPLE, A SAMPLE IS DILUTED SO AS TO EQUAL 16 TIMES ITS ORIGINAL VOLUME, WITH ONE-SIXTEENTH BEING THE PART STUDIED, WILL HAVE ITS DILUTION VOLUME RECORDED AS .063

QUADRAT SLOPE	XX (DEGREES)	77	2
DIRECTION OF QUADRAT SLOPE	XXX (DEGREES TOWARD)	79	3
GEAR NUMBER	XX - SEQUENTIAL ORDER OF MULTIPLE DIGS ASSIGNED BY THE ORIGINATOR	82	1
SEDIMENT	XXXXXXX (LITERS TO THOUSANDTHS)	84	7
MEAN GRAIN SIZE	TWO-DIGIT FIELD - PHI GRADE SCALE BASED ON THE NEGATIVE LOGARITHM TO THE BASE 2 OF THE PARTICLE DIAMETER IN MILLIMETERS. - MINUS PHI MUST BE REPORTED WITH A MINUS SIGN IN COL 91	91	2
PATCH GRID SIZE	XXXXX (SQUARE METERS TO THOUSANDTHS)	93	5
MEDIUM FRAME MULTIPLE	XX - NUMBER OF GRIDS OCCUPIED BY ALL SPECIES WITHIN	98	2
LARGE FRAME MULTIPLE	XX - NUMBER OF GRIDS OCCUPIED BY ALL SPECIES WITHIN	100	2
TOTAL WORK AREA	XXXXX (SQUARE METERS TO THOUSANDTHS)	102	5
DEPTH	XXXX - DEPTH OF SAMPLE (METERS TO TENTHS)	107	5
DISTANCE OF NET TOW	XXX (METERS TO TENTHS) - SEE COL 116	112	3
LARGE SAMPLE QUADRAT	XXX (SQUARE METERS TO TENTHS)	115	3
DISTANCE OF NET TOW	XXX - TO BE USED FOR DISTANCES OF 100 METERS OR MORE (WHOLE METERS)	118	3
BLANKS		121	2

COMPOSITE DATA RECORD

NODC FILE NUMBER	ALWAYS '000'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '4'	10	1
STATION NUMBER	SEE RECORD '2'	11	5
SEQUENCE NUMBER	SEE RECORD '2'	16	4
TAXONOMIC CODE	12-CHARACTER CODE - USE NODC TAXONOMIC CODE	20	12
SEX	ONE CHARACTER CODE - USE NODC CODE 0101	32	1
CONDITION III	ONE-CHARACTER CODE - USE COMBINATION OF UP TO 3 CONDITION CODES - CODE FROM RIGHT TO LEFT - USE CODE NODC 0009	33	1
CONDITION II	SAME AS ABOVE	34	1

CONDITION I	SAME AS ABOVE	35	1
COVERAGE	XXX - THE PERCENTAGE OF THE QUADRAT COVERED BY SPECIES TOO SMALL TO BE COUNTED OR TOO WELL ATTACHED TO THE SUBSTRATE TO BE REMOVED (WHOLE PERCENT)	36	3
COUNT	XXXXX - TOTAL NUMBER OF INDIVIDUALS (FOR EACH SPECIES)	39	5
WET WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	44	7
DRY WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	51	7
MINIMUM LENGTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	58	6
MAXIMUM LENGTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	64	6
DISPLACEMENT VOLUME	XXXXX (MILLILITERS TO TENTHS)	70	5
MEAN LENGTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	75	6
MINIMUM WIDTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	81	6
MAXIMUM WIDTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	87	6
MEAN WIDTH	XXXXXX (MILLIMETERS TO HUNDREDTHS)	93	6
MINIMUM AGE	XX (YEARS)	99	2
MAXIMUM AGE	XX (YEARS)	101	2
MEAN AGE	XX (YEARS)	103	2
SMALL FRAME	XXX - NUMBER OF GRIDS OCCUPIED BY SPECIES WITHIN	105	3
MEDIUM FRAME	XXX - NUMBER OF GRIDS OCCUPIED BY SPECIES WITHIN	108	3
LARGE FRAME	XX - NUMBER OF GRIDS OCCUPIED BY SPECIES WITHIN	111	2
DILUTION VOLUME	PPP - SEE RECORD '3' FOR EXPLANATION	113	3
PLANT HEIGHT	XX - FOR PLANTS LESS THAN 100 CM IN HEIGHT (WHOLE CENTIMETERS)	116	2
STARFISH MEASUREMENTS	ONE-CHARACTER CODE - USE WHEN STARFISH MEASUREMENTS (COLS 64-69, 75-80) ARE REPORTED - USE NODC CODE 0070	118	1
PLANT HEIGHT	XXXX - PLANT HEIGHTS THAT EXCEED 99 CENTIMETERS (WHOLE CENTIMETERS)	119	4

INDIVIDUAL SAMPLE DATA

NODC FILE NUMBER	ALWAYS '000'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '5'	10	1
STATION NUMBER	SEE RECORD '2'	11	5
SEQUENCE NUMBER	SEE RECORD '2'	16	4
TAXONOMIC CODE	12-CHARACTER CODE - USE NODC TAXONOMIC CODE	20	12
SEX	ONE-CHARACTER CODE - USE NODC CODE 0101	32	1
CONDITION II	ONE-CHARACTER CODE - USE COMBINATION OF UP TO 8 CONDITION CODES - CODE FROM RIGHT TO LEFT - USE NODC CODE 0053	33	1
CONDITION I	SAME AS ABOVE	34	1
CONDITION I	SAME AS ABOVE	35	1
AGE	XX (YEARS)	36	2
WET WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	38	7
DRY WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	45	7
LENGTH	XXXXXX (MILLIMETERS (TO HUNDREDTHS)	52	6
WIDTH	XXXXXX (MILLIMETERS (TO HUNDREDTHS)	58	6
DISPLACEMENT VOLUME	XXXXX (MILLILITERS TO TENTHS)	64	5
STARFISH MEASUREMENTS	ONE-CHARACTER CODE - USE WHEN STARFISH MEASUREMENTS (COLS 52-63) ARE REPORTED - USE NODC CODE 0070	69	1
BLANKS		70	63

PROFILE DATA RECORD

NODC FILE NUMBER	ALWAYS '000'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '6'	10	1
STATION NUMBER	SEE RECORD '2'	11	5
SEQUENCE NUMBER	SEE RECORD '2'	16	4
OXYGEN	XXX (MILLILITERS PER LITER TO TENTHS)	20	3
PH	XX (TO TENTHS)	23	2
PH SCALE	ONE-CHARACTER CODE - USE NODC CODE 0183	25	1
SALINITY	XXX (PARTS PER THOUSAND TO TENTHS)	26	3
INTERSTITIAL SALINITY	XXX (PARTS PER THOUSAND TO TENTHS)	29	3
PERMAFROST DEPTH	XX (METERS TO TENTHS)	32	2
WATER TEMPERATURE	XXX - NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE (DEG C TO TENTHS)	34	3
SECCHI DISK DEPTH	XXXX (METERS TO HUNDREDTHS)	37	4
GRAIN SIZE IN PHI UNITS	XXX (PERCENT BY WEIGHT TO TENTHS)	41	3
LEVELS GREATER THAN -8			
-8 TO -6	XXX (PERCENT BY WEIGHT TO TENTHS)	44	3
-6 TO -4	XXX (PERCENT BY WEIGHT TO TENTHS)	47	3
-4 TO -2	XXX (PERCENT BY WEIGHT TO TENTHS)	50	3

-2 TO -1	XXX (PERCENT BY WEIGHT TO TENTHS)	33	3
-1 TO 0	XXX (PERCENT BY WEIGHT TO TENTHS)	36	3
0 TO 1	XXX (PERCENT BY WEIGHT TO TENTHS)	39	3
1 TO 2	XXX (PERCENT BY WEIGHT TO TENTHS)	42	3
2 TO 3	XXX (PERCENT BY WEIGHT TO TENTHS)	45	3
3 TO 4	XXX (PERCENT BY WEIGHT TO TENTHS)	48	3
LESS THAN 4	XXX (PERCENT BY WEIGHT TO TENTHS)	51	3
SALINITY METHOD	ONE-CHARACTER CODE - USE NODC CODE 0421	54	1
BLANKS		55	40

TEXT RECORD

NODC FILE NUMBER	ALWAYS '004'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '3'	10	1
STATION NUMBER	SEE RECORD '2'	11	5
SEQUENCE NUMBER	SEE RECORD '2'	16	4
TEXT	103-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	20	103

NODC Code Tables Used with this Format -

CODE NUMBER	CODE NAME
0008	COMPOSITION
0009	COVER (000)
0010	GEAR TYPE (036)
0011	SURFACE TOPOGRAPHY
0053	CLOUD TYPE (WMO 500)
0059	CONDITION
0070	STARDUST MEASUREMENT
0071	SLOPE (030)
0099	HABITAT
0100	SEX
0103	SUBSTRATA TYPE
0105	CLOUD AMOUNT (WMO 2700)
0109	SEA STATE (WMO 3700)
0153	WEATHER (WMO 4677)
0163	FN SCALE
0220	SECCHI VISIBILITY