



**ENVIRONMENTAL SENSITIVITY INDEX AS APPLIED TO THE SHORELINE OF SHELKOF STRAIT, ALASKA**

1. EXPOSED ROCKY HEADLANDS  
2. WAVE-CUT PLATFORMS  
3. FINE/MEDIUM-GRAINED SAND BEACHES  
4. COARSE-GRAINED SAND BEACHES  
5. EXPOSED TIDAL FLATS (LOW BIOMASS)  
6. MIXED SAND AND GRAVEL BEACHES  
7. GRAVEL BEACHES  
7a. EXPOSED TIDAL FLATS (MODERATE BIOMASS)  
8. SHELTERED ROCKY SHORES  
9. SHELTERED TIDAL FLATS  
10. MARSHES

**TYPE OF ORGANISM**

- MAMMALS
- BIRDS
- FISHES
- SHELLFISH

NUMBER INDICATES SPECIES

SEASONALITY

ANADROMOUS FISH RUN

RANGE

POINT LOCALITY

**SOCIOECONOMIC DATA**

- MINING CLAIMS
- FOREST PRESERVES
- ARCHAEOLOGICAL SITES
- LANDING STRIPS
- PRIVATE LANDS
- GENERAL LOCATION
- TIDAL LEASE SITE

**ESI MAP # 17**

PRIMARY SOURCES OF BIOLOGICAL DATA

BIRDS: ADF&G (1976a), ADF&G (1977a), ADF&G (1977b), SOWLS et al. (1978), LENSINK (1978)

MAMMALS: ADF&G (1976a), CALKINS & PITCHER (1977), MERCER (1977), ADF&G (1977a), ADF&G (1977b)

FISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b)

SHELLFISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b), KAISER (1977)

PREPARED FOR

BUREAU OF LAND MANAGEMENT  
ANCHORAGE, ALASKA

AND

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
OUTER CONTINENTAL SHELF ASSESSMENT PROGRAM  
JUNEAU, ALASKA

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**ESI MAP #17**

KARLUK (B-2), ALASKA  
N5715-W15420/15X20

1952  
MINOR REVISIONS (1981)

CONTOUR INTERVAL 100 FEET

DASHED LINES REPRESENT 50 FEET AND 100 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPTH CURVES IN FEET DATUM IS MEAN LOWER LOW WATER

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 10 FEET

FOR SALE BY U.S. GEOLOGICAL SURVEY  
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225 OR RESTON VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST