

ENVIRONMENTAL SENSITIVITY INDEX AS APPLIED TO  
THE SHORELINE OF SHELIKOF 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

SOCIOECONOMIC DATA

- ANADROMOUS FISH RUN
- RANGE
- POINT LOCALITY
- MINING CLAIMS
- FOREST PRESERVES
- ARCHAEOLOGICAL SITES
- LANDING STRIPS
- PRIVATE LANDS
- GENERAL LOCATION
- TIDAL LEASE SITE

ESI MAP # 29



PRIMARY SOURCES OF BIOLOGICAL DATA  
BIRDS: ADF&G (1976a), ADF&G (1977a), SOWLS et al. (1978), LENSINK (1978)  
MAMMALS: ADF&G (1976a), CALKINS & PITCHER (1977), MERGER (1977), 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  
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OUTER CONTINENTAL SHELF ASSESSMENT PROGRAM  
JUNEAU, ALASKA

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TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1983

CONTOUR INTERVAL 100 FEET  
(SHADED LINES REPRESENT 50 FOOT CONTOUR)  
DATHUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET - DATHUM IS MEAN SEA LEVEL  
DARKER SHADING REPRESENTS THE APPROXIMATE LINE OF HIGH TIDE  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 10 FEET  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR WASHINGTON D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ESI MAP  
#29

KARLUK (D-5), ALASKA  
56°45' N 155°20' E

1981