

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

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 # 8

PRIMARY SOURCES OF BIOLOGICAL DATA  
BIRDS: ADFAG (1976a), ADFAG (1977a), ADFAG (1977b), SOWLS et al. (1978), LENSINK (1978)  
MAMMALS: ADFAG (1976a), CALKINS & PITCHER (1977), MERCER (1977), ADFAG (1977a), ADFAG (1977b)  
FISH: ADFAG (1976b), ADFAG (1977a), ADFAG (1977b)  
SHELLFISH: ADFAG (1976b), ADFAG (1977a), ADFAG (1977b), KAISER (1977)

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

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TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1951



CONTOUR INTERVAL 100 FEET  
DASHED LINES REPRESENT 50 FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET - DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 33 FEET

FOR SALE BY U.S. GEOLOGICAL SURVEY  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



**ESI MAP  
# 8**

KODIAK (D-6), ALASKA  
N5745-W15340/15X20

1951  
MINOR REVISIONS (1965)

Swamps, as portrayed indicate only the wetter areas,  
usually of low relief, as interpreted from aerial photographs.  
Excluded areas within the Kodiak National Wildlife Refuge