

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

□ STATION LOCATIONS

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 #24



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)

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JUNEAU, ALASKA

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SCALE 1:63,500
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 FEET
0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 100 FEET
DASHED LINES REPRESENT 50 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET DATUM OF MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROPRIATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 15 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



ESI MAP
#24

UGASHIK (B-2), ALASKA
N5715 W15620/15X20

1951

MAJOR REVISIONS 1973