

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

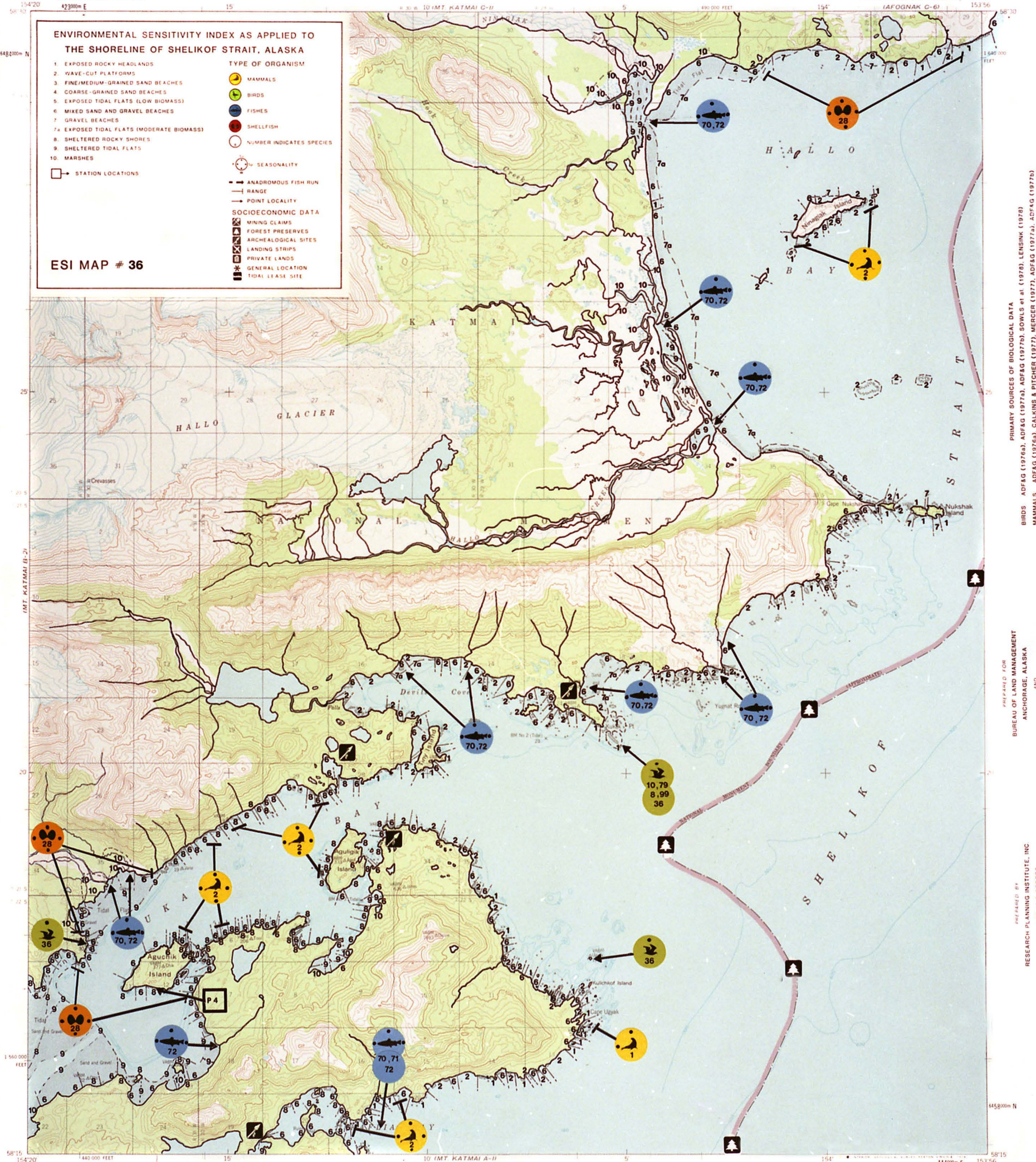
TYPE OF ORGANISM

- MAMMALS
- BIRDS
- FISHES
- SHELLFISH
- NUMBER INDICATES SPECIES
- SEASONALITY

STATION LOCATIONS

ESI MAP # 36

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



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 (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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SCALE 1:100,000  
CONTOUR INTERVAL 100 FEET  
ORANGE LINE REPRESENTS 50-FOOT CONTOUR  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER  
SEE NOTE ON MAP SHEET 10-1 FOR APPROXIMATE 1:50,000 SCALE  
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  
#36**  
MT. KATMAI (B-1), ALASKA  
1951  
LIMITED REVISIONS 1977