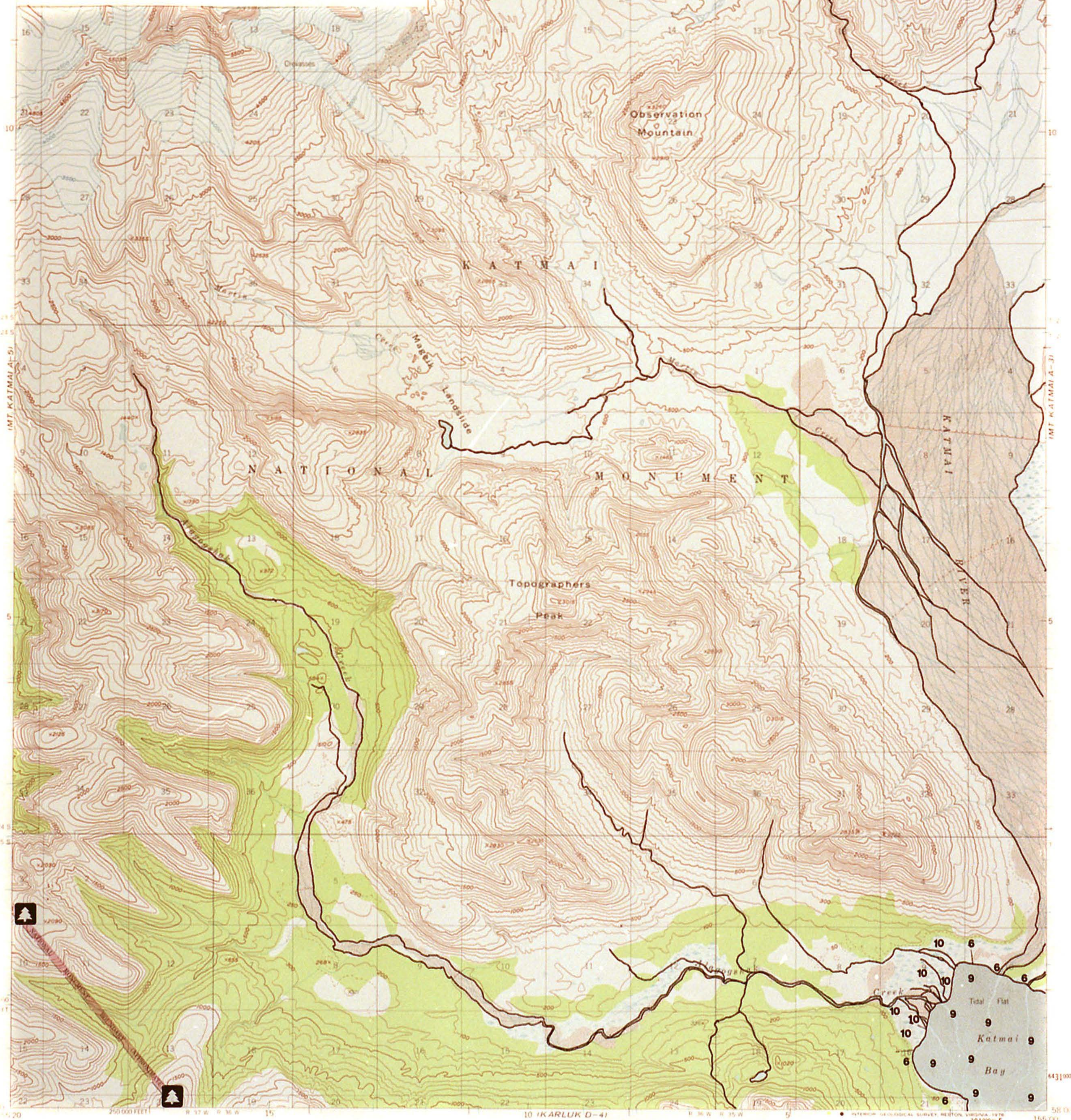


ENVIRONMENTAL SENSITIVITY INDEX AS APPLIED TO  
THE SHORELINE OF SHELKOF STRAIT, ALASKA

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 # 31



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

BUREAU OF LAND MANAGEMENT  
ANCHORAGE, ALASKA

AND

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
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JUNEAU, ALASKA

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SCALE 1:63,500

CONTOUR INTERVAL 100 FEET  
DASHED LINES REPRESENT 50-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
SHORELINE (USGS SYMBOL) IS THE APPROXIMATE LINE OF MEAN-HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 30 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  
#31**

MT. KATMAI (A-4), ALASKA  
1:63,500 - W155000/15X20  
1951