

COMMUNITY MAP

KARLUK

57°34'N 154°27'W Coastal Community

The preparation of this report was financed in part by funds from the Alaska Coastal Management Program and the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, U.S. Department of Commerce and the Alaska Department of Transportation and Public Facilities, Administered by the Division of Community Planning, Alaska Department of Community and Regional Affairs, and the Kodiak Island Borough, August, 1981.

Note: These maps have been prepared from uncontrolled aerial photographs. Scale is approximate and minor distortion may exist. Property and utility information has been generalized from many sources and may contain minor inconsistencies. These maps should not be construed as surveys. On-site investigations should be conducted prior to construction.

Community Map—Maps are useful in illustrating land use patterns, land ownership, location of utilities, and also in planning for future village improvements. These maps can be prepared by surveying the land and/or by enlarging aerial photographs.  
 The Community Map shown here was prepared from a Public Health Service aerial photograph taken in 1976 at a height of 3,000 feet, and enlarged to a scale of 1:3,600 (1 in. = 300 ft.). This map has been used to display the present utilities, public facilities, and residential and commercial development. In addition, other information has been portrayed which will aid in evaluating the area for new construction and village expansion.  
 The Regional Map, prepared from a 1974 North Pacific Aerial Surveys photograph, taken at an elevation of 38,000 feet and printed at a scale of 1:16,800 (1 in. = 1,400 ft.), clearly shows the community and the surrounding area. The village is located on the south shore of a lagoon, about a mile from the mouth. Steep hills rise to the south of the village. The area is characterized by low brush, high brush and moist tundra. Karluk is located 2 miles north of the Kodiak National Wildlife Refuge boundary.  
 This kind of data is very important in developing plans for community growth and expansion. It is useful in gaining an understanding of some of the national and man-made features that affect the community, including flood hazards, erosion, source of water supply and location of waste disposal sites.

This photo shows recent changes in Karluk's shoreline

Land use (from field survey, Apr., 1981)

- Residential
- Public
- Public use area
- Commercial
- Indicates approximate area

Note: Structures not outlined or color-coded have been determined to be minor accessory structures, vacant and/or dilapidated buildings.

Electricity

- Generator

Water

- Water line
- Hydrant

Sewer

- Sewer line/Manhole
- Septic tank
- Phone
- Telephone satellite receiver
- Survey line
- Land status line

1. Russian Orthodox church
2. Lodge
3. School (Trailers)
4. Satellite equipment shed
5. Temporary post office
6. Temporary clinic
7. New school
8. Pump house
9. City shop

Natural Resources of Karluk

**Geology**

- Quaternary Deposits
- Pliocene Rocks
- Oligocene Rocks
- Eocene and Oligocene Marine Rocks
- Lower Tertiary Rocks
- Triassic Rocks
- Tertiary and Cretaceous Granitic Rocks
- Cretaceous and Upper Jurassic Rocks
- Faults

**Fisheries**

- King, Dungeness, Tanner Crab Fishing Areas
- Shrimp Fishing Areas
- Halibut Fishing Areas
- Salmon Fishing Areas

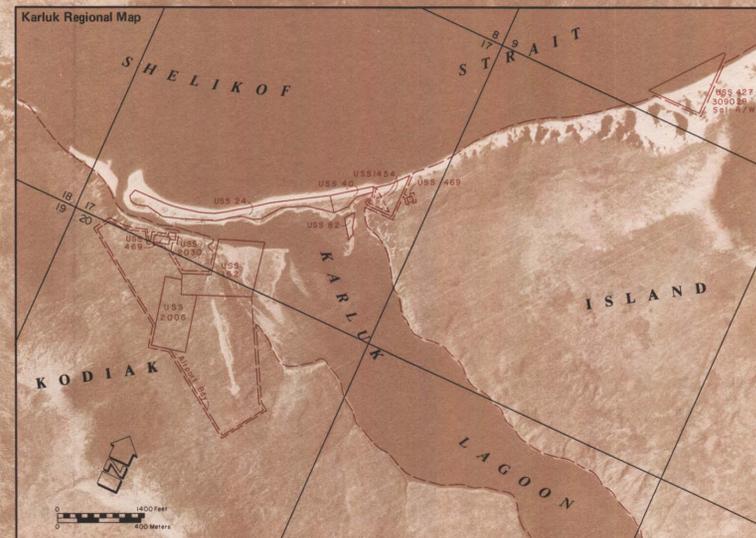
**Vegetation Types**

- Moist/Wet Tundra
- Alpine Tundra
- Coastal Western Hemlock
- High Brush

**Marine Mammals, Birds, Terrestrial Mammals**

- Stellar Sea Lion Areas
- Harbor Seal Areas
- Fur Seal Sightings
- Sea Otter Areas
- Marine Bird Colonies
- Deer High Density Areas
- Elk High Density Areas
- Brown Bear High Density Areas

Adapted from U.S. Department of Interior, 1980, Western Gulf of Alaska-Kodiak; Draft, Environmental Statement



- Subsurface waste disposal works
- Not in use
- 8,500-gallon fuel tank (Buried)
- Temporary waste disposal site
- 35,000-gallon water tank
- New school to be built summer, 1982
- Electricity is supplied by individual generators
- Proposed waste disposal site