

INTRODUCTION

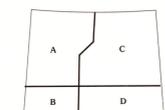
This map is one in a series designed to provide interim vegetation and land cover classification information for the State at a scale of 1:250 000 and includes maps, statistics, and digital data. This map series is part of the USGS national land use and land cover mapping program and is an interim solution for meeting special vegetation and land cover data requirements in Alaska. The classification system was prepared by an interagency working group of Federal and Alaska State agencies, which developed the Alaska Statewide Land Cover Classification System for use with digitally processed Landsat multispectral scanner data. The classification system is a modification of the Level II classification system for use with remotely sensed data (Anderson and others, 1976) and the ground-based "Classification System for Vegetation in Alaska, 1982" (Viereck and Dymess, 1980). The vegetation and land cover classifications were performed at the Earth Resources Observation Systems (EROS) Data Center, the EROS Alaska Field Office, and the Geographic Investigations Section, Western Mapping Center, using Landsat digital data, digital elevation models (DEM), and ancillary data. Field data were collected by USGS and other cooperating Federal and State agencies. Statistical summaries of vegetation and land cover classes, by township and range, are listed on the reverse side of the map. Computer-compatible tapes containing the land cover classification, DEM data, geometrically corrected Landsat data, and spectral cluster data are available through the National Cartographic Information Center (NCIC).

Anderson, J. R., Hardy, E. E., Roach, J. T., and Witmer, R. E., 1976, A land use and land cover classification system for use with remote sensor data, U. S. Geological Survey Professional Paper 964, 28 p.
Viereck, L. A., and Dymess, C. T., 1980, A preliminary classification system for vegetation of Alaska, U. S. Department of Agriculture, Forest Service General Technical Report PNW-106, 38 p. (see also internal revision: Viereck, L. A., C. T. Dymess, and R. A. Batten, 1982, Revision of the preliminary classification for vegetation of Alaska, Institute of Northern Forestry, U. S. Forest Service, Fairbanks, AK, 72 p.)

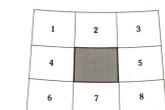
Land cover class, dominant vegetation, and map surface area

I Forest	Square Miles	Square Kilometers	Percent
A. Needleleaf Forest	219.1	567.4	3.0
B. Broadleaf Forest	374.8	970.6	5.1
C. Mixed Forest	940.5	2435.6	12.9
II Shrubland			
A. Tall and Low Shrubland	365.3	945.9	5.0
B. Dwarf Shrubland and Related Communities	4227.3	10947.8	57.9
III Herbaceous Vegetation			
A. Dry or Moist Herbaceous	484.5	1254.7	6.6
B. Wet Herbaceous	484.5	1254.7	6.6
C. Aquatic Herbaceous			
D. Mosses			
E. Lichens	124.6	322.7	1.7
IV Agriculture			
V Urban land			
VI Barren land			
A. Sparse Vegetation			
B. Non-Vegetated (rock, soil)	11.9	30.8	0.2
VII Water (open water excluded)			
A. Clear and/or Deep	456.7	1182.7	6.3
B. Turbid and/or Shallow	30.1	78.0	0.4
VIII Ice, Snow, and Clouds	10.3	26.8	0.1
IX Shadow	57.5	149.0	0.8
Total, land portion of map	7302.5	18911.9	100.0

LANDSAT COVERAGE DIAGRAM



ADJOINING QUADRANGLES

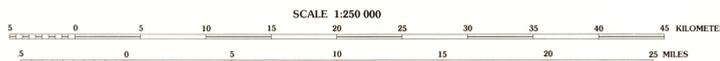


Date acquired	Image ID
A. August 29, 1977	2950-20441
B. August 28, 1977	2949-20385
C. September 3, 1974	1772-20585
D. September 3, 1974	1772-20593

- Bethel
- Taylor Mts
- Lake Clark
- Goodnews Bay
- Iliamna
- Nushagak Bay
- Naknek
- M. Kamai

Produced by the United States Geological Survey in cooperation with the Alaska Department of Natural Resources, (DNR) Division of Geological and Geophysical Surveys

Base map from corresponding 1:250,000-scale topographic map dated 1954, revised 1973
Projection and 25,000-meter grid
Universal Transverse Mercator, zone 4
100,000-foot grid ticks based on Alaska coordinate system, zone 6
1927 North American Datum
To place on the North American Datum 1983, move the projection lines 81 meters north and 124 meters east
Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management
Folios S-18, and S-19, Seward Meridian
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Federal reservation boundaries established by the Alaska National Interest Lands Conservation Act, P.L. 96-487, Dec. 2, 1980 are shown as compiled by the administering agencies



NATIONAL GEODETIC VERTICAL DATUM OF 1929
1988 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 19°30' TO 21°00' EAST
FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99717, DENVER, COLORADO 80202, OR RESTON, VIRGINIA 22092



ROAD CLASSIFICATION
Primary highway
Secondary highway
Light duty highway
Unimproved dirt road
Trails

AREA SCALE 1:250,000



1 sq mi = 2.590 sq km
1 sq mi = 640 acres
1 acre = 0.405 ha



REFERENCE ONLY
DOES NOT CIRCULATE



DILLINGHAM, ALASKA
1954
MAP L-210

N(200)583
250
D584g c.3