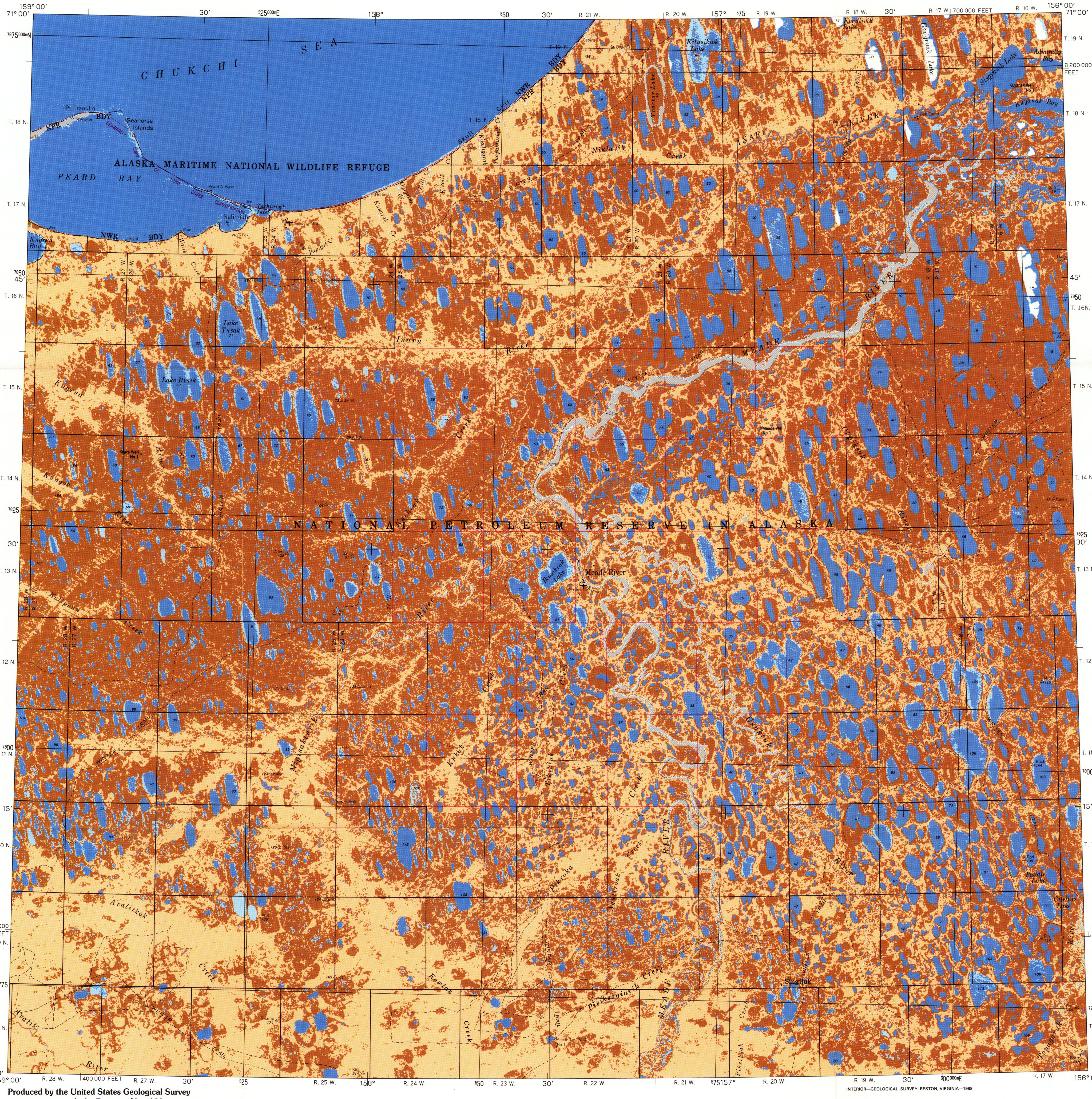
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

ALASKA
VEGETATION AND LAND COVER SERIES
MAP L–205

MEADE RIVER, ALASKA

VEGETATION AND LAND COVER
1:250 000-SCALE



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

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 Dyrness, 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).

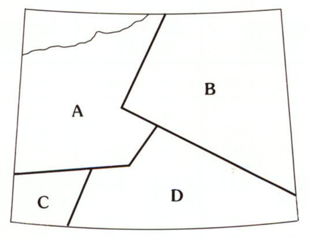
Anderson, J. R., Hardy, E. E., Roach, J. T., and Witmer, R. E., 1976, A land use and land cover classification system for use with remote sensor data, U. S. Geological Survey Professional Paper 964, 28 p.

Viereck, L. A. and Dyrness, 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. Dyrness, 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

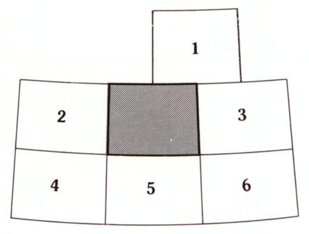
	Square Miles	Square Kilometers	Percent
I Forest			
A. Needleleaf Forest			
B. Broadleaf Forest			
C. Mixed Forest			
II Shrubland			
A. Tall and Low Shrubland			
B. Dwarf Shrubland and Related Communities			
III Herbaceous Vegetation			
A. Dry or Moist Herbaceous	1,452.3	3,761.2	32.33
B. Wet Herbaceous	2,181.3	5,649.2	48.56
C. Aquatic Herbaceous			
D. Mosses			
E. Lichens			
IV Agriculture			
V Urban land			
VI Barren land			
A. Sparse Vegetation	56.3	145.9	1.25
B. Non-Vegetated (rock, soil).			
VII Water (open water excluded)			
A. Clear and/or Deep	671.4	1,738.8	14.96
B. Turbid and/or Shallow	121.4	314.5	2.70
VIII Ice, Snow, and Clouds	8.9	23.1	0.20
IX Shadow			
Total, land portion of map	4,491.6	11,632.7	100.0

LANDSAT COVERAGE DIAGRAM



	Date acquired	Image ID
A	August 25, 1976	2581–21484
B	July 12, 1977	2182–21175
C	August 25, 1976	2581–21491
D	July 23, 1975	2182–21400

ADJOINING QUADRANGLES



1 Barrow
2 Wainwright
3 Teshekpuk
4 Utukok River
5 Lookout Ridge
6 Ikpikpuk River

Produced by the United States Geological Survey in cooperation with the Bureau of Land Management

Base map from corresponding 1:250,000-scale topographic map dated 1955, revised 1982

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 51 meters north and 125 meters east

Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management
Red lines represent marked locations
Folios U–4, U–5, Umiat Meridian

Lake elevations are unchecked

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Alaska Maritime Wildlife Refuge includes offshore public lands on islands, islets, rocks, reefs, and spires

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

SCALE 1:250 000

5 0 5 10 15 20 25 30 35 40 45 KILOMETERS

5 0 5 10 15 20 25 MILES

NATIONAL GEODETIC VERTICAL DATUM OF 1929
1988 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 23°00′ TO 25°30′ EAST

FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99071, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ROAD CLASSIFICATION

Primary highway
Secondary highway
Light duty highway
Unimproved dirt road
Trails

AREA SCALE 1:250,000

9 sq mi 5,760 a

9 sq km 900 ha

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

1 sq km = 0.386 sq mi
1 sq km = 100 hectares (ha)
1 ha = 2.47 acres

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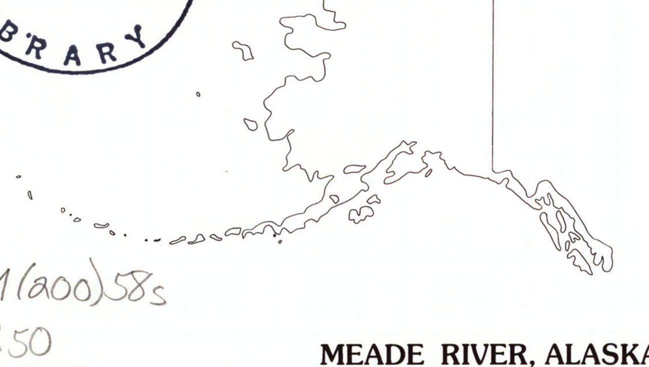

MEADE RIVER, ALASKA
1976
MAP L–205