federal register

Thursday
February 24, 1983

Part III

Department of the Interior

Fish and Wildlife Service

National Wildlife Refuges in Alaska; Description of Boundaries

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

National Wildlife Refuges in Alaska; Description of Boundaries

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice.

SUMMARY: This notice sets out the legal descriptions of the external boundaries of national wildlife refuges established in Alaska under sections 302 and 303 of the Alaska National Interest Lands Conservation Act (ANILCA). Also described are the external boundaries of units of the National Wilderness Preservation System established within these refuges under section 702 of the ANILCA. Limited descriptions are included for wild and scenic rivers established on refuges under sections 602 and 603 and rivers designated for study under section 604. Publication of these legal descriptions is required by section 103 of the ANILCA. Generalized location maps are included also.

DATE: Pursuant to section 103(b) of ANILCA these boundary descriptions are effective as of December 2, 1980.

FOR FURTHER INFORMATION CONTACT:

Regional Director, U.S. Fish and Wildlife Service (Attn: Bill Mattice), 1011 East Tudor Road, Anchorage, Alaska 99507 (Phone: 907–276–3800),

or

Director, U.S. Fish and Wildlife Service (Attn: Christine Enright), 18th and C Streets, NW., Washington, D.C. 20240 (Phone: 202–653–7650).

SUPPLEMENTARY INFORMATION: Under section 103(b) of the Alaska National Interest Lands Conservation Act (ANILCA), Pub. L. 96–487 (94 Stat. 2371) the Secretary of the Interior was directed to publish legal descriptions and boundary maps for the land status changes effected by ANILCA, including national wildlife refuges and their wilderness areas. The official legal descriptions for refuges, and wilderness areas therein, are included in this notice. While generalized location maps for these areas also are included in this notice, the 1:250,000 scale maps developed for public use under section 103(b), whose official names and dates are listed below, are incorporated by this notice and are available for inspection at the Department of the Interior Library (Room 1140, 18th and C Streets, NW., Washington, D.C. 20240), U.S. Geological Survey map reference libraries in Alaska, and at the Fish and Wildlife Service Regional Office in Anchorage, Alaska. The maps are also available for sale from the U.S. Geological Survey. Limited descriptions of wild and scenic rivers and study rivers within refuges are included also, although they are not depicted on the 1:250,000 scale maps at this time.

The ANILCA established 16 national wildlife refuges in Alaska. All previously existing Alaska national wildlife refuges are included in these 16 units and are generally designated as units or subunits of the expanded refuges. The refuges established by ANILCA, with the date of their official maps noted in parentheses, are as follows:

- Alaska Maritime National Wildlife Refuge (October 1979) (including the previously existing Aleutian Islands, Bering Sea, Bogoslof, Chamisso, Forrester Island, Hazy Islands, Pribilof, Semidi, Simeonof, St. Lazaria and Tuxedni National Wildlife Refuges)
- Alaska Peninsula National Wildlife Refuge (October 1979)
- Arctic National Wildlife Refuge (August 1980) (including the previously existing William O. Douglas Arctic National Wildlife Range)
- Becharof National Wildlife Refuge (July 1980)
- Innoko National Wildlife Refuge (October 1978)
- Izembek National Wildlife Refuge (October 1978) (including the previously existing Izembek National Wildlife Range and a portion of the Aleutian Islands National Wildlife Refuge)
- Kanuti National Wildlife Refuge (July 1980)
- Kenai National Wildlife Refuge (October 1978) (including the previously existing Kenai National Moose Range)
- Kodiak National Wildlife Refuge (October 1978) (including the previously existing Kodiak National Wildlife Refuge)
- Koyukuk National Wildlife Refuge (July 1980)
- Nowitna National Wildlife Refuge (July 1980)
- Selawik National Wildlife Refuge (July 1980)
- Tetlin National Wildlife Refuge (July 1980)
- Togiak National Wildlife Refuge (April 1980) (including the previously existing Cape Newenham National Wildlife Refuge)
- Yukon Delta National Wildlife Refuge (April 1980) (including the previously existing Clarence Rhode National Wildlife Range and Hazen Bay and Nunivak National Wildlife Refuges)
- Yukon Flats National Wildlife Refuge (July 1980)

Use of Refuge Lands

The legal descriptions that follow are those of the external boundaries of the above-listed refuges. State, Native corporate, and private land holdings within these boundaries cannot be accurately described at this time and thus have not been identified on the available maps. Inclusion of these non-public lands within the described boundaries should not be interpreted as authorizing public use of such lands. Uses of the public lands within the described boundaries are controlled by the laws and regulations governing administration of units of the National Wildlife Refuge System and provisions of the ANILCA. Persons desiring information on land status or use of lands within the described refuges may contact the Alaska Regional Director of the U.S. Fish and Wildlife Service.

Many of the boundaries described for Alaska refuges follow natural features, such as lakes or rivers. Where such a water body forms a portion of the boundary, general riparian law shall apply to that boundary.

Note.—The term "public lands" as used throughout this Notice is defined by ANILCA as those lands, waters, and interests therein, the title to which is in the United States after December 2, 1980, except:

(A) Land selections of the State of Alaska which have been tentatively approved or validly selected under the Alaska Statehood Act and lands which have been confirmed to, validly selected by, or granted to the Territory of Alaska or the State under any other provision of Federal law;

(B) Land selections of a Native Corporation made under the Alaska Native Claims Settlement Act, Pub. L. 92–203 (85 Stat. 688), as amended, which have not been conveyed to a Native Corporation, unless any such selection is determined to be invalid or is relinquished; and

(C) Lands referred to in section 19(b) of the Alaska Native Claims Settlement Act.

Those lands selected by the State or a Native Corporation within the external boundaries of a national wildlife refuge are to be administered by the U.S. Fish and Wildlife Service under applicable refuge laws until conveyed or interimly conveyed. Those validly selected by, but not ultimately conveyed to, the State or a Native Corporation within the external boundaries of a national wildlife refuge become part of that refuge.

Within the coastal boundaries of areas added to the National Wildlife Refuge System, Federal ownership does not extend below mean high tide to include lands owned by the State of Alaska except where the State may agree to that extension. However, lands above mean high tide on islands, islets, rock, reefs or spires and Federal

tidelands within these external boundaries are part of the respective refuges.

Subject to valid existing rights, all public lands within Federal reservations for defense, navigation, communications and other purposes within the external boundaries of any refuge described are part of that refuge. Rights of holding agencies are set forth in section 1310 of ANILCA.

Wilderness Units Described

In this notice, legal descriptions of the external boundaries of units of the National Wilderness Preservation System established by ANILCA within national wildlife refuges in Alaska can be found after the boundary description for the refuge in which they are located. The wilderness units established by ANILCA, with the date of their official maps noted in parentheses, are as follows:

Aleutian Islands Wilderness (October 1978)—in Alaska Maritime NWR
Andreafsky Wilderness (April 1980)—in Yukon Delta NWR
Arctic Wildlife Refuge Wilderness (August 1980)—in Arctic NWR
Becharof Wilderness (July 1980)—in Becharof NWR
Innoko Wilderness (October 1978)—in Innoko NWR
Izembek Wilderness (October 1978)—in Izembek NWR
Kenai Wilderness (October 1978)—in Kenai NWR
Koyukuk Wilderness (July 1980)—in Koyukuk NWR
Nunivak Wilderness (July 1980)—in Yukon Delta NWR
Selawik Wilderness (July 1980)—in Selawik NWR
Semidi Wilderness (October 1978)—in Alaska Maritime NWR
Togiak Wilderness (July 1980)—in Togiak NWR
Unimak Wilderness (October 1978)—in Alaska Maritime NWR

Eight additional units of the National Wilderness Preservation System were established in Alaska national wildlife refuges prior to passage of ANILCA. In the interest of consolidating legal descriptions of all Alaska national wildlife refuges and refuge wilderness units in one publication, the descriptions of the following previously established wilderness units are included in this notice. All eight of these units are located in the Alaska Maritime National Wildlife Refuge: Bering Sea Wilderness, Bogoslof Wilderness, Forrester Island Wilderness, Hazy Islands Wilderness, Saint Lazaria Wilderness and Tuxedni Wilderness, which were established by Pub. L. 93–504; Chamisso Wilderness, Which was established by Pub. L. 93–632; and Simeonof Wilderness, which was established by Pub. L. 94–557.

Use of Wilderness Units

In addition to the laws and regulations governing the use of refuge lands, described above, the use of wilderness units is governed by provisions of the Wilderness Act (16 U.S.C. 1131 *et seq.*) ANILCA and applicable regulations in Title 50 of the Code of Federal Regulations Part 35.

National Wild and Scenic Rivers

ANILCA designated the following national wild rivers in national wildlife refuges in Alaska: Ivishak, Sheenjek (Upper) and Wind Wild Rivers in Arctic NWR; Nowitna Wild River in Nowitna NWR; Selawik Wild River in Selawik NWR; Andreafsky Wild River in Yukon Delta NWR; and a portion of Beaver Creek Wild River in Yukon Flats NWR.

Designated for 3-year study for possible addition to the National Wild and Scenic Rivers System are the following rivers: Kanektok River in Togiak NWR; Kisaralik River in Yukon Delta NWR; and the Porcupine and Sheenjek (Lower) Rivers in Yukon Flats NWR.

The ANILCA descriptions of national wild rivers within national wildlife refuges are included in this notice, but they are not depicted on the 1:250,000 scale maps at this time. These limited descriptions can be found following the description of the refuge in which they occur. The corridors of the designated wild rivers are to be identified and described as part of the comprehensive conservation planning process for each refuge (due in 2 to 6 years). Corridors for rivers designated for study include the public lands within the bed or banks of the river and the area extending 2 miles outward from each bank of the river channel. These corridors are withdrawn for a minimum period of 3 to 6 years pending review of their suitability for inclusion in the Wild and Scenic Rivers System. Beginning and ending points of these study rivers have been included in this notice.

At such time as managment corridors are finalized for the designated wild rivers, they will be described on the 1:250,000 scale maps.

In addition to regulations governing use of national wildlife refuges, use of these river areas is governed by the Wild and Scenic Rivers Act (16 U.S.C. 1271–1287), as amended by the ANILCA.

Availability of Maps

The maps of the Alaska national wildlife refuges included in this notice are generalized depictions of the lands described. Maps at this scale cannot accurately depict the actual boundaries and should be used only as general location references. Persons desiring more detailed information on refuge and wilderness boundaries are directed to maps, at the scale of 1:250,000, which are available for review at U.S. Geological Survey map reference libraries in Alaska and at the following locations:

Department of the Interior Library, Room 1140, 18th and C Streets, N.W., Washington, D.C. 20240
U.S. Fish and Wildlife Service, 1011 East Tudor Road, Anchorage, Alaska 99507

Additionally, the 1:250,000 scale maps are available for sale by the U.S. Geological Survey at the following locations:

U.S. Geological Survey, Alaska Distribution Section, 101 12th Avenue, Fairbanks, Alaska 99701
U.S. Geological Survey, Public Inquiries Office, 503 National Center, Reston, Virginia 22092
U.S. Geological Survey, Western Distribution Branch, Box 25286—Mail Stop 306, Federal Center, Denver, Colorado 80226

Official Bureau of Land Management land status records for Alaska are maintained on maps at the scale of 1:63,360. The maps from which the legal descriptions in this notice were written are at the 1:63,360 scale, where available, and reflect greater detail and accuracy than that depicted on the 1:250,000 scale maps prepared for public use. These maps are available for review in the Office of the Regional Director, Anchorage, Alaska. A list of the specific maps used to develop these legal descriptions, follows the description for each refuge.

The large number of maps (approximately 850) necessary to depict the Alaska national wildlife refuges at the 1:63,360 scale precludes their reproduction for public use. However, as the U.S. Geological Survey revises individual maps at this scale, the new boundary lines will be depicted. These revised maps will eventually be available through normal U.S.G.S. sales outlets.

Dated: February 1, 1983.

Robert A. Jantzen,

Director, Fish and Wildlife Service.

BILLING CODE 4310-55-M

KOYUKUK NATIONAL WILDLIFE REFUGE

Section 302 (5):

"The Koyukuk National Wildlife Refuge shall consist of the approximately three million five hundred and fifty thousand acres of public lands generally depicted on the map entitled 'Koyukuk National Wildlife Refuge', dated July 1980."

The Koyukuk National Wildlife Refuge consists of the public lands, as defined by the ANILCA, within the following boundary:

Beginning at the standard corner of sections 33 and 34, T. 5 N., R. 24 E., Kateel River Meridian;

Thence northerly, between sections 33 and 34, 27 and 28, 21 and 22, 15 and 16, 9 and 10, approximately 4 1/2 miles to the 1/4 section corner of sections 9 and 10, T. 5 N., R. 24 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 9, approximately 1/2 mile to the center 1/4 section corner of section 9, T. 5 N., R. 24 E., Kateel River Meridian;

Thence northerly, on the north and south centerline of section 9, approximately 1/2 mile to the 1/4 section corner of sections 4 and 9, T. 5 N., R. 24 E., Kateel River Meridian;

Thence westerly, between sections 4 and 9, approximately 1/2 mile to the corner of sections 4, 5, 8 and 9, T. 5 N., R. 24 E., Kateel River Meridian;

Thence northerly, between sections 4 and 5, approximately 1 mile to the corner of sections 4, 5, 32 and 33, Tps. 5 and 6 N., R. 24 E., Kateel River Meridian;

Thence westerly, between Tps. 5 and 6 N., approximately 26 miles to the corner of Tps. 5 and 6 N., Rs. 19 and 20 E., Kateel River Meridian;

Thence northerly, between Rs. 19 and 20 E., approximately 2 3/4 miles to the summit of a mountain located between sections 19 and 24, T. 6 N., Rs. 19 and 20 E., Kateel River Meridian, approximate elevation 1,453 feet;

Thence northwesterly, along the ridge line of the Isahultila Mountains approximately 6 miles to vertical angle bench mark "BATZA" located in the northwest corner of section 26, T. 7 N., R. 19 E., Kateel River Meridian, approximate elevation 2,142 feet;

Thence due West, approximately 200 feet to a point between sections 26 and 27, T. 7 N., R. 19 E., Kateel River Meridian;

Thence northerly, between sections 26 and 27, approximately 1,300 feet to the corner of sections 22, 23, 26 and 27, T. 7 N., R. 19 E., Kateel River Meridian;

Thence westerly, between sections 22 and 27, 21 and 28, 20 and 29, 19 and 30, 24 and 25, 23 and 26, 22 and 27, 21 and 28, 20 and 29, 19 and 30, approximately 10 miles to the corner of sections 19, 24, 25 and 30, T. 7 N., Rs. 17 and 18 E., Kateel River Meridian;

Thence northerly between Rs. 17 and 18 E., approximately 1 mile to the corner of sections 13, 18, 19 and 24, T. 7 N., Rs. 17 and 18 E., Kateel River Meridian;

Thence westerly, between sections 13 and 24, 14 and 23, 15 and 22, 16 and 21, 17 and 20, 18 and 19, approximately 6 miles to the corner of sections 13, 18, 19 and 24, T. 7 N., Rs. 16 and 17 E., Kateel River Meridian;

Thence northerly, between Rs. 16 and 17 E., approximately 2 miles to the corner of sections 1, 6, 7 and 12, T. 7 N., Rs. 16 and 17 E., Kateel River Meridian;

Thence westerly, between sections 1 and 12, 2 and 11, 3 and 10, approximately 3 miles to the corner of sections 3, 4, 9 and 10, T. 7 N., R. 16 E., Kateel River Meridian;

Thence southerly, between sections 9 and 10, approximately 1 miles to the corner of sections 9, 10, 15 and 16, T. 7 N., R. 16 E., Kateel River Meridian;

Thence westerly, between sections 9 and 16, approximately 1 mile to the corner of sections 8, 9, 16 and 17, T. 7 N., R. 16 E., Kateel River Meridian;

Thence southerly, between sections 16 and 17, approximately 1 mile to the corner of sections 16, 17, 20 and 21, T. 7 N., R. 16 E., Kateel River Meridian;

Thence westerly, between sections 17 and 20, 18 and 19, 13 and 24, 14 and 23, 15 and 22, approximately 5 miles to the corner of sections 15, 16, 21 and 22, T. 7 N., R. 15 E., Kateel River Meridian;

Thence northerly, between sections 15 and 16, 9 and 10, approximately 2 miles to the corner of sections 3, 4, 9 and 10, T. 7 N., R. 15 E., Kateel River Meridian;

Thence westerly, between sections 4 and 9, approximately 1 mile to the corner of sections 4, 5, 8 and 9, T. 7 N., R. 15 E., Kateel River Meridian;

Thence northerly, between sections 4 and 5, approximately 1 mile to the corner of sections 4, 5, 32 and 33, Tps. 7 and 8 N., R. 15 E., Kateel River Meridian;

Thence westerly, between Tps. 7 and 8 N., approximately 1 mile to the corner of sections 5, 6, 31 and 32, Tps. 7 and 8 N., R. 15 E., Kateel River Meridian;

Thence northerly, between sections 31 and 32, approximately 1 mile to the corner of sections 29, 30, 31 and 32, T. 8 N., R. 15 E., Kateel River Meridian;

Thence westerly, between sections 30 and 31, 25 and 36, approximately 2 miles to the corner of sections 25, 26, 35 and 36, T. 8 N., R. 14 E., Kateel River Meridian;

Thence northwesterly, along the ridge line of the Zane Hills, approximately 11 1/2 miles to to the summit of a mountain located in sections 14 and 15, T. 9 N., R. 13 E., Kateel River Meridian, approximate elevation 3,520 feet;

Thence southwesterly, along a ridge, approximately 4 miles to a point between sections 31 and 36, T. 9 N., Rs. 12 and 13 E., Kateel River Meridian;

Thence southerly, between Rs. 12 and 13 E., approximately 3/4 miles to the standard corner of T. 9 N., Rs. 12 and 13 E., Kateel River Meridian;

Thence westerly, on the Second Standard Parallel North, approximately 36 miles to the standard corner of T. 9 N., Rs. 6 and 7 E., Kateel River Meridian;

Thence northerly, between Rs. 6 and 7 E., approximately 6 miles to the corner of Tps. 9 and 10 N., Rs. 6 and 7 E., Kateel River Meridian;

Thence westerly, between Tps. 9 and 10 N., approximately 6 miles to the corner of Tps. 9 and 10 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence northerly, between Rs. 5 and 6 E., approximately 6 miles to a point on the Continental Divide between sections 1 and 6, T. 10 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence southwesterly, northeasterly and southerly, along the Continental Divide, approximately 88 miles to a junction of ridges located in the northerly portion of section 25, T.4 N., R. 2 E., Kateel River Meridian;

Thence easterly and northeasterly, along the ridge line, approximately 10 1/4 miles to a point on the south boundary of section 32, T. 5 N., R. 4 E., Kateel River Meridian;

Thence easterly, on the First Standard Parallel North, approximately 11 1/2 miles to the closing corner of T. 4 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence southerly, between Rs. 5 and 6 E., approximately 12 miles to the corner of Tps. 2 and 3 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence westerly, between Tps. 2 and 3 N., approximately 6 miles to the corner of Tps. 2 and 3 N., Rs. 4 and 5 E., Kateel River Meridian;

Thence southerly, between Rs. 4 and 5 E., approximately 10 miles to the corner of sections 19, 24, 25 and 30, T. 1 N., Rs. 4 and 5 E., Kateel River Meridian;

Thence westerly, between sections 24 and 25, approximately 1 mile to the corner of sections 23, 24, 25 and 26, T. 1 N., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 25 and 26, approximately 1 mile to the corner of sections 25, 26, 35 and 36, T. 1 N., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 26 and 35, approximately 1 mile to the corner of sections 26, 27, 34 and 35, T. 1 N., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 34 and 35, approximately 1 mile to the standard corner of sections 34 and 35, T. 1 N., R. 4 E., Kateel River Meridian;

Thence westerly, on the Kateel River Base Line, approximately 1/4 mile to the closing corner of sections 2 and 3, T. 1 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 2 and 3, 10 and 11, 14 and 15, 22 and 23, approximately 3 1/2 miles to the 1/4 section corner of sections 22 and 23, T. 1 S., R. 4 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 22, approximately 1 mile to the 1/4 section corner of sections 21 and 22, T. 1 s., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 21 and 22, 27 and 28, approximately 1 mile to the 1/4 section corner of sections 27 and 28, T. 1 S., R. 4 E., Kateel River Meridian;

Thence westerly, along the east and west centerline of section 28, approximately 1 mile to the 1/4 section corner of sections 28 and 29, T. 1 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 28 and 29, 32 and 33, approximately 1 mile to the 1/4 section corner of sections 32 and 33, T. 1 S., R. 4 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 32, approximately 1/2 mile to the center 1/4 section corner of section 32, T. 1 S., R. 4 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 32, approximately 1/2 mile to the 1/4 section corner of sections 5 and 32, Tps. 1 and 2 S., R. 4 E., Kateel River Meridian;

Thence easterly, between Tps. 1 and 2 S., approximately 4 1/2 miles to the corner of Tps. 1 and 2 S., Rs. 4 and 5 E., Kateel River Meridian;

Thence southerly, between Rs. 4 and 5 E., approximately 5 1/2 miles to the 1/4 section corner of sections 31 and 36, T. 2 S., Rs. 4 and 5 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 36, approximately 1 mile to the 1/4 section corner of sections 35 and 36, T. 2 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 35 and 36, approximately 1/2 mile to the corner of sections 1, 2, 35 and 36, Tps. 2 and 3 S., R. 4 E., Kateel River Meridian;

Thence westerly, between Tps. 2 and 3 S., approximately 1 mile to the corner of sections 2, 3, 34 and 35, Tps. 2 and 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 2 and 3, approximately 1 mile to the corner of sections 2, 3, 10 and 11, T. 3 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 3 and 10, approximately 1/2 mile to the 1/4 section corner of sections 3 and 10, T. 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 10, approximately 1 mile to the 1/4 section corner of sections 10 and 15, T. 3 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 10 and 15, approximately 1/2 mile to the corner of sections 9, 10, 15 and 16, T. 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 15 and 16, 21 and 22, approximately 1 1/2 miles to the 1/4 section corner of sections 21 and 22, T. 3 S., R. 4 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 21, approximately 1/2 mile to the center 1/4 section corner of section 21, T. 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 21, approximately 1/2 mile to the 1/4 section corner of sections 21 and 28, T. 3 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 21 and 28, approximately 1/2 mile to the corner of sections 20, 21, 28 and 29, T. 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 28 and 29, approximately 1 mile to the corner of section 28, 29, 32 and 33, T. 3 S., R. 4 E., Kateel River Meridian;

Thence easterly, between sections 28 and 33, approximately 1 mile to the corner of sections 27, 28, 33 and 34, T. 3 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 33 and 34, 3 and 4, 9 and 10, 15 and 16, approximately 4 miles to the corner of sections 15, 16, 21 and 22, T. 4 S., R. 4 E., Kateel River Meridian;

Thence easterly, between sections 15 and 22, 14 and 23, approximately 2 miles to the corner of sections 13, 14, 23 and 24, T. 4 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 23 and 24, 25 and 26, 35 and 36, approximately 3 miles to the standard corner of sections 35 and 36, T. 4 S., R. 4 E., Kateel River Meridian;

Thence westerly, on the First Standard Parallel South, approximately 3/4 miles to the 1/4 section corner of section 2, T. 5 S., R. 4 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 2, approximately 1 mile to the 1/4 section corner of sections 2 and 11, T. 5 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 2 and 11, 3 and 10, approximately 1 1/2 miles to the corner of sections 3, 4, 9 and 10, T. 5 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 9 and 10, 15 and 16, approximately 2 miles to the corner of sections 15, 16, 21 and 22, T. 5 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 16 and 21, approximately 1 mile to the corner of sections 16 17, 20 and 21, T. 5 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 20 and 21, 28 and 29, approximately 2 miles to the corner of sections 28, 29, 32 and 33, T. 5 S., R. 4 E., Kateel River Meridian;

Thence westerly, between sections 29 and 32, approximately 1/2 mile to the 1/4 section corner of sections 29 and 32, T. 5 S., R. 4 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 32, approximately 1 mile to the 1/4 section corner of sections 5 and 32, Tps. 5 and 6 S., R. 4 E., Kateel River Meridian;

Thence westerly, between Tps. 5 and 6 S., approximately 1/2 mile to the corner of sections 5, 6, 31 and 32, Tps. 5 and 6 S., R. 4 E., Kateel River Meridian;

Thence southerly, between sections 5 and 6, 7 and 8, 17 and 18, approximately 3 miles to the corner of sections 17, 18, 19 and 20, T. 6 S., R. 4 E., Kateel River Meridian;

Thence easterly, between sections 17 and 20, 16 and 21, 15 and 22, approximately 3 miles to the corner of sections 14, 15, 22 and 23, T. 6 S., R. 4 E., Kateel River Meridian;

Thence northerly, between sections 14 and 15, approximately 1 mile to the corner of sections 10, 11, 14 and 15, T. 6 S., R. 4 E., Kateel River Meridian;

Thence easterly, between sections 1 and 14, approximately 1 mile to the corner of sections 11, 12, 13 and 14, T. 6 S., R. 4 E., Kateel River Meridian;

Thence northerly, between sections 11 and 12, 1 and 2, approximately 2 miles to the corner of sections 1, 2, 35 and 36, Tps. 5 and 6 S., R. 4 E., Kateel River Meridian;

Thence easterly, between Tps. 5 and 6 S., approximately 25 miles to the corner of Tps. 5 and 6 S., Rs. 8 and 9 E., Kateel River Meridian;

Thence southerly, between Rs. 8 and 9 E., approximately 6 miles to the corner of Tps. 6 and 7 S., Rs. 8 and 9 E., Kateel River Meridian;

Thence easterly, between Tps. 6 and 7 S., approximately 6 miles to the corner of Tps. 6 and 7 S., Rs. 9 and 10 E., Kateel River Meridian;

Thence southerly, between Rs. 9 and 10 E., approximately 6 miles to the corner of Tps. 7 and 8 S., Rs. 9 and 10 E., Kateel River Meridian;

Thence easterly, between Tps. 7 and 8 S., approximately 6 miles to the corner of Tps. 7 and 8 S., Rs. 10 and 11 E., Kateel River Meridian;

Thence northerly, between Rs. 10 and 11 E., approximately 12 miles to the corner of Tps. 5 and 6 S., Rs. 10 and 11 E., Kateel River Meridian;

Thence easterly, between Tps. 5 and 6 S., approximately 18 miles to the corner of Tps. 5 and 6 S., Rs. 13 and 14 E., Kateel River Meridian;

Thence northerly, between Rs. 13 and 14 E., approximately 6 miles to the closing corner of T. 5 S., Rs. 13 and 14 E., Kateel River Meridian;

Thence easterly, on the First Standard Parallel South, approximately 4 miles to the standard corner of sections 33 and 34, T. 4 S., R. 14 E., Kateel River Meridian;

Thence northerly, between sections 33 and 34, 27 and 28, 21 and 22, 15 and 16, 9 and 10, 3 and 4, 33 and 34, 27 and 28, 21 and 22, 15 and 16 approximately 10 miles to the corner of sections 9, 10, 15 and 16, T. 3 S., R. 14 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 61 1/2° E., approximately 16,900 feet to the summit of a mountain located in the easterly portion of section 1, T. 3 S., R. 14 E., Kateel River Meridian, approximate elevation 875 feet;

Thence on an approximate forward bearing of N. 76 3/4° E., approximately 6,100 feet to the summit of a mountain located in sections 4 and 32, Tps. 2 and 3 S., R. 15 E., Kateel River Meridian, approximate elevation 820 feet;

This is incorrect. It should be section 5.

Thence on an approximate forward bearing of N. 20° E., approximately 5,200 feet to the summit of a mountain in the northeast quarter of section 32, T. 2 S., R. 15 E., Kateel River Meridian, approximate elevation 885 feet;

Thence on an approximate forward bearing of N. 80° E., approximately 13,100 feet to the summit of a mountain located in the westerly portion of section 26, T. 2 S., R. 15 E., Kateel River Meridian, approximate elevation 1,020 feet;

Thence on an approximate forward bearing of N. 58° E., approximately 3,800 feet to a knoll in the easterly portion of section 26, T. 2 S., R. 15 E., Kateel River Meridian;

Thence on an approximate forward bearing of S. 62 1/2° E., approximately 8,500 feet to a point on the left bank of an unnamed stream, it crosses the section line between sections 30 and 31, T. 2 S., R. 16 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 40 1/2° E., approximately 4,600 feet to the summit of a mountain located in the northerly portion of section 32, T. 2 S., R. 16 E., Kateel River Meridian, approximate elevation 1,104 feet;

Thence on an approximate forward bearing of N. 57 3/4° E., approximately 16,900 feet to the summit of a mountain located in section 23, T. 2 S., R. 16 E., Kateel River Meridian, approximate elevation 1,222 feet;

Thence on an approximate forward bearing of N. 88 3/4° E., approximately 10,000 feet to the summit of a mountain located in the westerly portion of section 19, T. 2 S., R. 17 E., Kateel River Meridian, approximate elevation 1,640 feet;

Thence on an approximate forward bearing of N. 64° E., approximately 13,000 feet to the summit of a mountain located in the central portion of section 16, T. 2 S., R. 17 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 43° E., approximately 3,600 feet to the summit of a mountain located in sections 9 and 16, T. 2 S., R. 17 E., Kateel River Meridian, approximate elevation 2,235 feet;

Thence on an approximate forward bearing of N. 28° E., approximately 7,100 feet to the summit of a mountain located in the southerly portion of section 3, T. 2 S., R. 17 E., Kateel River Meridian; **approximate elevation 2,554 feet.**

Thence due east, approximately 1 1/2 miles to a point in the section line of sections 1 and 2, T. 2 S., R. 17 E., Kateel River Meridian;

Thence northerly, between sections 1 and 2 approximately 3/4 mile to the corner of sections 1, 2, 35 and 36, Tps. 1 and 2 S., R. 17 E., Kateel River Meridian;

Thence easterly, between Tps. 1 and 2 S., approximately 1/2 mile to a point on the crest of a ridge leading southerly from the summit of Dulbatna Mountain, sections 1 and 2, Tps. 1 and 2 S., R. 17 E., Kateel River Meridian;

This is incorrect, It should be **36.**

Thence northerly, northeasterly, and easterly, following the crest of the divide between the Nayuka River and the Dulbi River approximately 18 miles to the summit of a mountain in the central portion of section 32, T. 2 N., R. 19 E., Kateel River Meridian, approximate elevation 1,880 feet;

The following paragraph was mistakenly omitted from the Federal Register description. Insert the following paragraph between paragraphs 2 and 3 above:

Thence southeast approximately 6,500' to the southern corner of sections 31 and 32, T2S R16E, Kateel River Meridian, on the township line between Townships 2 and 3 South, Range 16 East, Kateel River Meridian.

Thence on an approximate forward bearing of East, approximately 15,200 feet to the summit of Hochandochtla Mountain, section 35, T. 2 N., R. 19 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 50° E., approximately 10,600 feet to the summit of a mountain in the northeasterly portion of section 25, T. 2 N., R. 19 E., Kateel River Meridian, approximate elevation 3,126 feet;

Thence on an approximate forward bearing of S. 61 1/2° E., approximately 21,900 feet to the summit of a mountain in the northerly portion of section 3, T. 1 N., R. 20 E., Kateel River Meridian, approximate elevation 2,105 feet;

Thence on an approximate forward bearing of N. 25° E., approximately 6,300 feet to the summit of a mountain in the northeast corner of section 34, T. 2 N., R. 20 E., Kateel River Meridian, approximate elevation 2,108 feet;

Thence on an approximate forward bearing of N. 52 1/2° E., approximately 14,800 feet to the summit of a mountain on the line between sections 19 and 14, T. N., Rs. 20 and 21 E., Kateel River Meridian;

This is incorrect. It should be **24, T. 2 N.,**

Thence on an approximate forward bearing of S. 60° E., approximately 19,600 feet to the summit of a mountain located in the westerly portion of section 34, T. 2 N., R. 21 E., Kateel River Meridian, approximate elevation 1,764 feet;

Thence on an approximate forward bearing of N. 41 1/2° E., approximately 10,800 feet to the summit of a mountain located in the southerly portion of section 23, T. 2 N., R. 21 E., Kateel River Meridian, approximate elevation 2,414 feet;

Thence northeasterly and easterly, following the crest of a ridge approximately 18,500 feet to a summit on the ridge in the central portion of section 17,1 T. 2 N., R. 22 E., Kateel River Meridian, approximate elevation 2,209 feet;

Thence on an approximate forward bearing of N. 54° E., approximately 26,700 feet to a summit on the ridge in section 36, T. 3 N., R. 22 E., Kateel River Meridian, approximate elevation 1,620 feet;

Thence on an approximate forward bearing of N. 35 1/2° E., approximately 10,700 feet to a summit on the ridge in the southeasterly portion of section 19, T. 3 N., R. 23 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 50° E., approximately 19,40 feet to a summit on the ridge near the center of section 10, T. 3 N., R. 23 E., Kateel River Meridian;

Thence on as forward bearing of approximately S. 75° E., approximately 1,800 feet to a summit on the ridge in the easterly portion of section 10 T. 3 N., R. 23 E., Kateel River Meridian, approximate elevation 2,745 feet;

Thence on an approximate forward bearing of N. 66° E., approximately 12,800 feet to Vertical Angle Bench Mark "Flat" in the westerly portion of section 6, T. 3 N., R. 24 E., Kateel River Meridian, approximate elevation 3,214 feet;

Thence on an approximate forward bearing of N. 19° E., approximately 1,700 feet to a summit on the ridge in the northwestery portion of section 6, T. 3 N., R. 24 E., Kateel River Meridian;

Thence on an approximate forward bearing of N. 63 1/2° E., approximately 7,000 feet to a summit on the ridge in the southerly portion of section 32, T. 4 N., R. 24 E., Kateel River Meridian, approximate elevation 2,640 feet;

Thence on a forward bearing of approximately N. 18° E., approximately 8,400 feet to a summit on the ridge in the northwesterly portion of section 28, T. 4 N., R. 24 E., Kateel River Meridian, approximate elevation 1,930 feet;

Thence on an approximate forward bearing of approximately N. 80° E., approximately 6,100 feet to a summit on the ridge between sections 22 and 27, T. 4 N., R. 24 E., Kateel River Meridian, approximate elevation 1,560 feet;

Thence on an approximate forward bearing of N. 24° E., approximately 23,300 feet the standard corner of sections 33 and 34, T. 5 N., R. 24 E., Kateel River Meridian, the place of beginning.

UNITS OF THE NATIONAL WILDERNESS PRESERVATION SYSTEM WITHIN THE KOYUKUK NATIONAL WILDLIFE REFUGE:

Section 702 (8):

> "Koyukuk Wilderness of approximately four hundred thousand acres as generally depicted on a map entitled 'Koyukuk National Wildlife Refuge', dated July 1980."

The Koyukuk Wilderness consists of the public lands, as defined by the ANILCA, within the following boundary:

Beginning at the closing corner of T. 4 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence southerly, between Rs. 5 and 6 E., approximately 12 miles to the corner of Tps. 2 and 3 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence westerly, between Tps. 2 and 3 N., approximately 5 3/4 miles to the meander corner of sections 6 and 31, Tps. 2 and 3 N., R. 5 E., Kateel River Meridian, at the line of mean high water on the left bank of the Kateel River;

Thence southeasterly, easterly and northeasterly along the left bank of the Kateel River and the right bank of the Koyukuk River, approximately 76 miles to the meander corner of sections 25 and 30, T. 2 N., Rs. 9 and 10 E., Kateel River Meridian;

Thence northerly, between Rs. 9 and 10 E., approximately 16 3/4 miles to the closing corner of T. 4 N., Rs. 9 and 10 E., Kateel River Meridian;

Thence easterly, along the First Standard Parallel North, approximately 3/4 mile to the standard corner of T. 5 N., Rs. 9 and 10 E., Kateel River Meridian;

Thence northerly, between Rs. 9 and 10 E., approximately 3 miles to the corner of sections 13, 18, 19 and 24, T. 5 N., Rs. 9 and 10 E., Kateel River Meridian;

Thence westerly, between sections 13 and 24, 14 and 23, 15 and 22, 16 and 21, approximately 4 miles to the corner of sections 16, 17, 20 and 21, T. 5 N., R. 9 E., Kateel River Meridian;

Thence southerly, between sections 20 and 21, approximately 1/2 mile to the 1/4 section corner of sections 20 and 21, T. 5 N., R. 9 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 20, approximately 1 mile to the 1/4 section corner of sections 19 and 20, T. 5 N., R. 9 E., Kateel River Meridian;

Thence southerly, between sections 19 and 20, approximately 1/2 mile to the corner of sections 19, 20, 29 and 30, T. 5 N., R. 9 E., Kateel River Meridian;

Thence westerly, between sections 19 and 30, 24 and 25, 23 and 26, 22 and 27, 21 and 28, 20 and 29, 19 and 30 approximately 7 miles to the corner of sections 19, 24, 25 and 30, T. 5 N., Rs. 7 and 8 E., Kateel River Meridian;

Thence northerly, between Rs. 7 and 8 E., approximately 1 mile to the corner of sections 13, 18, 19 and 24, T. 5 N., Rs. 7 and 8 E., Kateel River Meridian;

Thence westerly, between sections 13 and 24, 14 and 23, 15 and 22, approximately 3 miles to the corner of sections 15, 16, 21 and 22, T. 5 N., R. 7 E., Kateel River Meridian;

Thence northerly, between sections 15 and 16, approximately 1 mile to the corner of sections 9, 10, 15 and 16, T. 5 N., R. 7 E., Kateel River Meridian;

Thence westerly, between sections 9 and 16, approximately 1 mile to the corner of sections 8, 9, 16 and 17, T. 5 N., R. 7 E., Kateel River Meridian;

Thence northerly, between sections 8 and 9, approximately 1 mile to the corner of sections 4, 5, 8 and 9, T. 5 N., R. 7 E., Kateel River Meridian;

Thence westerly, between sections 5 and 8, 6 and 7, 1 and 12, 2 and 11, 3 and 10, approximately 4 1/2 miles to the 1/4 section corner of sections 3 and 10, T. 5 N., R. 6 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 10, approximately 1 mile to the 1/4 section corner of sections 10 and 15, T. 5 N., R. 6 E., Kateel River Meridian;

Thence westerly, between sections 10 and 15, 9 and 16, approximately 1 mile to the 1/4 section corner of sections 9 and 16, T. 5 N., R. 6 E, Kateel River Meridian;

Thence southerly, on the north and south centerline of section 16, approximately 1 mile to the 1/4 section corner of sections 16 and 21, T. 5 N., R. 6 E., Kateel River Meridian;

Thence westerly, between sections 16 and 21, 17 and 20, approximately 1 mile to the 1/4 section corner of sections 17 and 20, T. 5 N., R. 6 E., Kateel River Meridian;

Thence southerly, on the north and south centerline of section 20, approximately 1/2 mile to the center 1/4 section corner of section 20, T. 5 N., R. 6 E., Kateel River Meridian;

Thence westerly, on the east and west centerline of section 20, approximately 1/2 mile to the 1/4 section corner of sections 19 and 20, T. 5 N., R. 6 E., Kateel River Meridian;

Thence southerly, between sections 19 and 20, approximately 1/2 mile to the corner of sections 19, 20, 29 and 30, T. 5 N., R. 6 E., Kateel River Meridian;

Thence westerly, between sections 19 and 30, approximately 1 mile to the corner of sections 19, 24, 25 and 30, T. 5 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence southerly, between Rs. 5 and 6 E., approximately 2 miles to the standard corner of T. 5 N., Rs. 5 and 6 E., Kateel River Meridian;

Thence westerly, along the First Standard Parallel North, approximately 2,200 feet to the closing corner of T. 4 N., Rs. 5 and 6 E., Kateel River Meridian, the place of beginning.

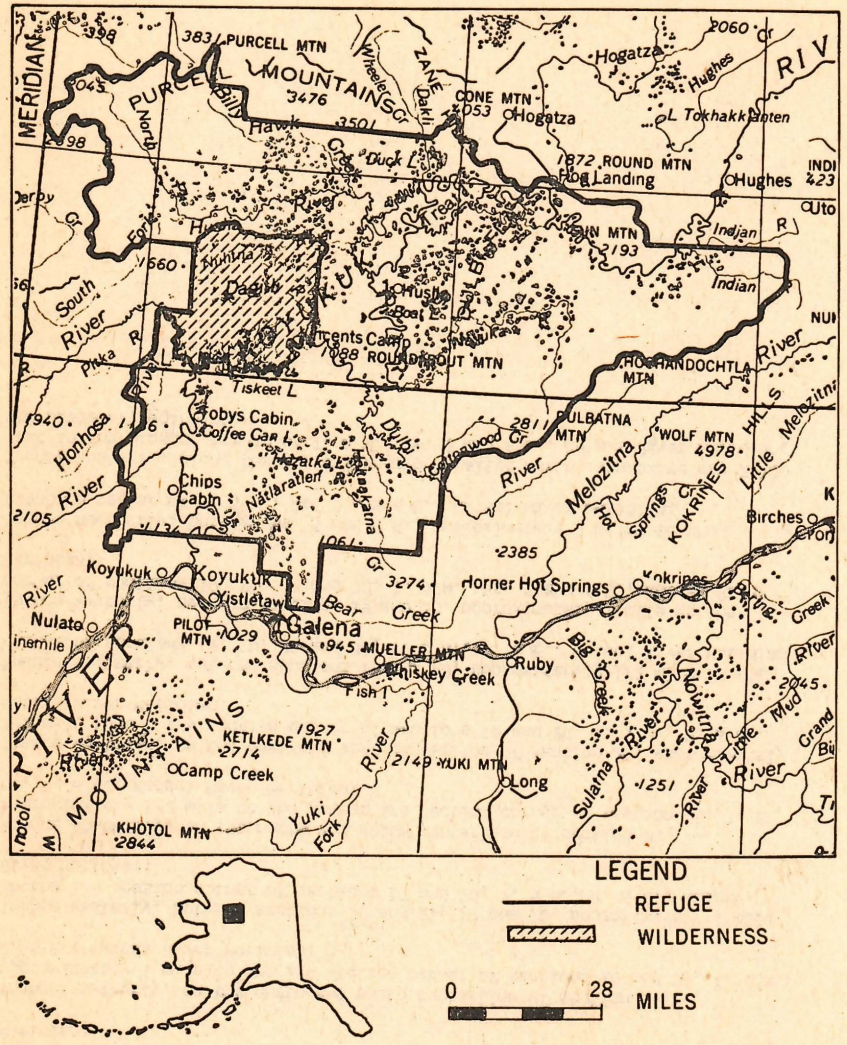
The following USGS quadrangle maps were used to prepare the legal description for the Koyukuk National Wildlife Refuge:

mr - minor revision
* - Quad depicts Wilderness boundary

Scale of Map	Name and Date
1:250,000	Shungnak 1955 mr 1974.
1:250,000	Hughes 1956 mr 1965.
1:63,360*	Kateel River (A-1) 1952 mr 1972; (A-2) 1952 mr 1973; (A-3) 1952; (A-4) 1952 mr 1973; (A-4) 1954 mr 1973; (B-2) 1952 mr 1971; (B-3) 1952 mr 1973; (B-4) 1952; (B-5) 1954 mr 1962; (C-2) 1954 mr 1973; (C-4) 1954 mr 1966; (C-5) 1955 mr 1972; (D-2) 1955 mr 1963; (D-3) 1954 mr 1963; (D-4) 1954 mr 1971; (D-5) 1954.
1:63,360	Nulato (D-2) 1954 mr 1965; (D-3) 1954 mr 1966; (D-4) 1952 mr 1969; (D-5) 1952.
1:63,360	Melozitna (A-6) 1952 mr 1966; (B-5) 1954 mr 1973; (B-6) 1954 mr 1966; (C-2) 1956; (C-3) 1954 mr 1965; (C-4) 1954 mr 1966; (C-5) 1954; (D-3) 1954 mr 1963; (D-4) 1954; (D-5) 1954 mr 1966.

KOYUKUK NATIONAL WILDLIFE REFUGE

PUBLIC LAW 96-487



Section 302 (6):

> "The Nowitna National Wildlife Refuge shall consist of the approximately one million five hundred and sixty thousand acres of public lands generally depicted in a map entitled 'Nowitna National Wildlife Refuge', dated July 1980."

The Nowitna National Wildlife Refuge consists of the public lands, as defined by the ANILCA, within the following boundary:

Beginning at the point for the closing corner of T. 9 S., Rs. 18 and 19 E., Kateel River Meridian;

Thence southerly, between Rs. 18 and 19 E., approximately 18 miles to the corner of Tps. 11 and 12 S., Rs. 18 and 19 E., Kateel River Meridian;

Thence easterly, between Tps. 11 and 12 S., approximately 18 miles to the corner of Tps. 11 and 12 S., Rs. 21 and 22 E., Kateel River Meridian;

Thence southerly, between Rs. 21 and 22 E., approximately 6 miles to the standard corner of T. 12 S., Rs. 21 and 22 E., Kateel River Meridian;

Thence easterly, on the Third Standard Parallel South, approximately 4 1/2 miles to the closing corner of T. 13 S., Rs. 22 and 23 E., Kateel River Meridian;

Thence southerly, between Rs. 22 and 23 E., approximately 1 mile to the corner of sections 1, 6, 7 and 12, T., 13 S., Rs. 22 and 23 E., Kateel River Meridian;

Thence easterly, between sections 6 and 7, 5 and 8, approximately 2 miles to the corner of sections 4, 5, 8 and 9, T. 13 S., R. 23 E., Kateel River Meridian;

Thence southerly, between sections 8 and 9, approximately 1 mile to the corner of sections 8, 9, 16 and 17, T. 13 S., R. 23 E., Kateel River Meridian;