

**North Slope
Habitat and Wetlands
Data Compilation Project
Contract 10-13-055**

Data Dictionary

**Prepared for:
State of Alaska
Department of Natural Resources
Division of Mining, Land & Water
550 West 7th Ave
Anchorage AK, 99501**

**Prepared by:
Knight Technologies, Inc.
2255 King Road
Fairbanks AK, 99709
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Data listed in the Table of Contents *with this font* were used in the creation of the North Slope Area Plan Wetlands and Habitat Map Atlas. Data listed in the Table of Contents *with this font* were not used for the Atlas maps; they may have been used to derive data used on the Atlas maps, or they are provided for further reference and informational purposes.

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Introduction

This data dictionary describes data contained in the file geodatabase named NS_HABITAT_WETLANDS.GDB. The geodatabase and contained data were prepared by Knight Technologies, Inc. (KTI) on behalf of the Alaska Department of Natural Resources, Department of Mining Land & Water (DMLW) and Division of Oil and Gas (DOG) under contact 10-13-055. Between June 2013 and June 2014 KTI collected existing geospatial data related to wetlands, habitat, or subsistence and traditional resource use in the North Slope region of Alaska. The data is intended to assist with the preparation of a North Slope Management Plan. The features contained in the geodatabase are described in this data dictionary. Formal metadata for the same features are presented in Appendix 1. Using the data collected in this project, a map atlas was prepared to visually present the wetland, habitat, and subsistence use information. A separate report giving more detail regarding data origin and analysis is also available.

Geodatabase

The geodatabase and map atlas were prepared using the ERSI ArcGIS Desktop tools version 10.2.2.3552. Data were collected from a variety of sources that are documented in each feature's metadata. To control file sizes and optimize processing times, some features were clipped to only include data for the North Slope region. Original field structures and content pertinent to project were maintained as much as possible. Occasionally a duplicate field of feature geometry was removed, or a field name was truncated to meet the 10 character field name requirement. Where data was digitized from georeferenced scanned images the processing steps and original document source are noted in the metadata. Not all features were used in the preparation of the map atlas; some were used to create raster formats used in presentation, or for analysis in the report. The heading style in this data dictionary indicates feature use in the map atlas.

Disclaimer

Data described in this data dictionary originated from multiple sources. Not all features have been constructed, physically located, or verified. Their use is for reference and they are not intended to be used for navigation. The State of Alaska and KTI make no expressed or implied warranties with respect to the character, function, accuracy, or capabilities of this product or its appropriateness for any user's purposes. In no event will the State of Alaska or KTI be liable for any incidental, indirect, special, consequential, or other damages suffered by the user or any other person or entity from use of this data.

Coordinate System

The coordinate system used for the geodatabase and all contained features is:

- Alaska Albers Equal Area Conic
- North American Horizontal Datum (NAD) 1983
- Projection: Albers
- Meters
- False Easting: 0
- False Northing: 0
- Central Meridian: -154 degrees West
- Standard Parallel: 55.0 degrees North
- Standard Parallel: 65.0 degrees North
- Latitude of Origin: 50.0 degrees North

Feature Dataset BIRDS_SEA

The BIRDS_SEA Feature Dataset contains information pertaining to seabirds in the North Slope Region. Polygon feature classes show distribution and density of seabird species across the region and point feature classes show approximate colony locations.

Arctic_Tern_Dist_USFWS_py - FeatureClass

Name Arctic_Tern_Dist_USFWS_py
ShapeType Polygon
FeatureType Simple
AliasName Arctic_Tern_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Arctic Tern on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes based on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FBIRD_SQKM	For the range class, the			true		

				lower density of birds per square kilometer					
TBIRD_SQKM	Double	8	TBIRD_SQKM	For the range class, the higher density of birds per square kilometer			true		

Arctic_Tern_NOAA_pt - FeatureClass

Name Arctic_Tern_NOAA_pt

ShapeType Point

FeatureType Simple

AliasName Arctic_Tern_NOAA_pt

Description Points show estimated nesting colonies of Arctic Tern in the north slope region of Alaska, colony sizes are given for less than 100 and 100-1000. Nesting colony points were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
COLONY	String	254	COLONY	Estimated locations of nesting colonies. Value indications general size of colony, Less than 100 or 100-1000 birds.			true		

Glaucous_Gull_Dist_USFWS_py - FeatureClass

Name Glaucous_Gull_Dist_USFWS_py
ShapeType Polygon
FeatureType Simple
AliasName Glaucous_Gull_Dist_USFWS_py
Description This coverage contains relative density polygons showing estimated density distribution of Glaucous gulls on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes based on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		

TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the upper density of birds per square kilometer			true		
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Glaucaous_Gull_NOAA_pt - FeatureClass

Name Glaucaous_Gull_NOAA_pt

ShapeType Point

FeatureType Simple

AliasName Glaucaous_Gull_NOAA_pt

Description Points show estimated nesting colonies of Glaucaous Gull in the north slope region of Alaska, colony sizes are given for less than 100 and 100-1000. Nesting colony points were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
COLONY	String	255	COLONY	Estimated locations of nesting colonies. Value indications general size of colony, Less than 100 birds.			true		

Horned_Puffin_NOAA_pt - FeatureClass

Name Horned_Puffin_NOAA_pt
ShapeType Point
FeatureType Simple
AliasName Horned_Puffin_NOAA_pt
Description Points show estimated nesting colonies of Horned Puffin in the north slope region of Alaska, colony sizes are given for less than 100 and 100-1000. Nesting colony points were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
COLONY	String	255	COLONY	Estimated locations of nesting colonies. Value indications general size of colony, 0 to 1000 birds.			true		

Jaeger_Dist_USFWS_py - FeatureClass

Name Jaeger_Dist_USFWS_py
ShapeType Polygon
FeatureType Simple
AliasName Jaeger_Dist_USFWS_py
Description This coverage contains relative density polygons showing estimated density distribution of jaegers on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a

polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes based on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSQRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSQRSQKM	For the range class, the higher density of birds per square kilometer			true		

Sabines_Gull_Dist_USFWS_py - FeatureClass

Name Sabines_Gull_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Sabines_Gull_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Sabine's gulls on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes based on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		

TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		
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SeaBirds_Dist_USFWS_py - FeatureClass

Name SeaBirds_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName SeaBirds_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of seabirds on the arctic coastal plain of Alaska, 2007-2010. Distributions for individual birds were interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. The grid was then converted to a polygon coverage portraying 5 density classes based on a natural breaks classification. To create the conglomeration of densities for all seabird species surveyed, the highest density rating at each location was taken. For example, a combined density class of 5 represents sites where one or more of the species have the highest densities of surveyed birds. A combined density class of 1 represents areas where all species have a density class of 1.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RCDE_ARTE	Integer	4	RANGE_CODE_ARTE	Density range code arctic tern			true		
FQKM_ARTE	Double	8	FROMBIRDSPRSQKM_ARTE	Lower density of birds per square kilometer arctic tern			true		
TQKM_ARTE	Double	8	TOBIRDSPRSQKM_ARTE	Upper			true		

				density of birds per square kilometer arctic tern					
RCDE_JAEG	Integer	4	RANGE_CODE_JAEG	Density range code jaeger			true		
FQKM_JAEG	Double	8	FROMBIRDSPRSQKM_JAEG	Lower density of birds per square kilometer jaeger			true		
TQKM_JAEG	Double	8	TOBIRDSPRSQKM_JAEG	Upper density of birds per square kilometer jaeger			true		
RCDE_SAGU	Integer	4	RANGE_CODE_SAGU	Density range code sabine's gull			true		
FQKM_SAGU	Double	8	FROMBIRDSPRSQKM_SAGU	Lower density of birds per square kilometer sabine's gull			true		
TQKM_SAGU	Double	8	TOBIRDSPRSQKM_SAGU	Upper density of birds per square kilometer			true		
RCDE_GLGU	Integer	4	RANGE_CODE_GLGU	Density range code glaucous			true		

				gull					
FQKM_GLGU	Double	8	FROMBIRDSPRSQKM_GLGU	Density range code glaucous gull			true		
TQKM_GLGU	Double	8	TOBIRDSPRSQKM_GLGU	Lower density of birds per square kilometer glaucous gull			true		
RCD_COMB	SmallInteger	2	RANGE_CODE_COMBINED	Combined density range code for seabirds, maximum of all density range classes			true		

Feature Dataset BIRDS_SHORE

The BIRDS_SHORE Feature Dataset contains information pertaining to shorebirds in the North Slope Region. The polygon feature class shows a combined habitat suitability index for shorebirds across the region. Additional habitat suitability indices for individual species are given in the raster datasets.

Shorebirds_Species_richness_meanHSI_py - FeatureClass

Name Shorebirds_Species_richness_meanHSI_py

ShapeType Polygon

FeatureType Simple

AliasName Shorebirds_Species_richness_meanHSI_py

Description This dataset consists of a raster file representing predicted shorebird species richness within the Arctic Coastal Plain (ACP) of Alaska. This predicted species richness represents the mean habitat suitability index for the eight modeled shorebird species (Black-bellied Plover [Pluvialis squatarola], American Golden-Plover [Pluvialis dominica], Semipalmated Sandpiper [Calidris pusilla], Pectoral Sandpiper [Calidris melanotos], Dunlin [Calidris alpina], Long-billed Dowitcher [Limnodromus scolopaceus], Red-necked Phalarope [Phalaropus lobatus], and Red Phalarope [Phalaropus fulicarius]) across the study area.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
Id	Integer	4	Id	Unique ID			true		
gridcode	Integer	4	gridcode	Mean habitat suitability index			true		

Feature Dataset BIRDS_WATERFOWL

The BIRDS_WATERFOWL Feature Dataset contains information pertaining to waterfowl in the North Slope Region. Polygon feature classes show distribution and density of waterfowl species across the region.

Brant_Dist_USFWS_py - FeatureClass

Name Brant_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Brant_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Brant on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class,			true		

				the lower density of birds per square kilometer					
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Canada_Goose_Dist_USFWS_py - FeatureClass

Name Canada_Goose_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Canada_Goose_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Canada Geese on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification,			true		

				this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

King_Eider_Dist_USFWS_py - FeatureClass

Name King_Eider_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName King_Eider_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of King Eider on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes based on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSQRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSQRSQKM	For the range class, the higher density of birds per square kilometer			true		

Long_Tailed_Duck_Dist_USFWS_py - FeatureClass

Name Long_Tailed_Duck_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Long_Tailed_Duck_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Long Tailed Ducks on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		

TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		
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Northern Pintail Dist USFWS_py - FeatureClass

Name Northern_Pintail_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Northern_Pintail_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Northern Pintail on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5			true		

				the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Pacific Loon Dist_USFWS_py - FeatureClass

Name Pacific_Loon_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Pacific_Loon_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Pacific Loon on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes			true		

				bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Red_Throated_Loon_Dist_USFWS_py - FeatureClass

Name Red_Throated_Loon_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Red_Throated_Loon_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Red Throated Loon on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		

TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		
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Scaup_Dist_USFWS_py - FeatureClass

Name Scaup_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Scaup_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Scaup on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5			true		

				the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Spectacled_Eider_Dist_USFWS_py - FeatureClass

Name Spectacled_Eider_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Spectacled_Eider_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Spectacled Eider on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes			true		

				bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Tundra_Swan_Dist_USFWS_py - FeatureClass

Name Tundra_Swan_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Tundra_Swan_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Tundra Swans on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSP	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRS	For the range class, the			true		

				higher density of birds per square kilometer					
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Waterfowl_Dist_USFWS_py - FeatureClass

Name Waterfowl_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Waterfowl_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of waterfowl on the arctic coastal plain of Alaska, 2007-2010. Distributions for individual birds were interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. The grid was then converted to a polygon coverage portraying 5 density classes based on a natural breaks classification. To create the conglomeration of densities for all seabird species surveyed, the highest density rating at each location was taken. For example, a combined density class of 5 represents sites where one or more of the species have the highest densities of surveyed birds. A combined density class of 1 represents areas where all species have a density class of 1.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RCDE_BLBR	Integer	4	RANGE_CODE_BLBR	Brant. Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense			true		

				class, and 5 the most dense					
FQKM_BLBR	Double	8	FROMBIRDSPRSQKM_BLBR	Brant, for the range class, the lower density of birds per square kilometer			true		
TQKM_BLBR	Double	8	TOBIRDSPRSQKM_BLBR	Brant, for the range class, the upper density of birds per square kilometer			true		
RCDE_KIEI	Integer	4	RANGE_CODE_KIEI	King eider, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_KIEI	Double	8	FROMBIRDSPRSQKM_KIEI	King eider, for the range class, the lower density of birds per			true		

				square kilometer					
TQKM_KIEI	Double	8	TOBIRDSPRSQKM_KIEI	King eider, for the range class, the upper density of birds per square kilometer			true		
RCDE_LTDU	Integer	4	RANGE_CODE_LTDU	Long Tailed Duck, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_LTDU	Double	8	FROMBIRDSPRSQKM_LTDU	Long Tailed Duck, for the range class, the lower density of birds per square kilometer			true		
TQKM_LTDU	Double	8	TOBIRDSPRSQKM_LTDU	Long Tailed Duck, for the range class,			true		

				the upper density of birds per square kilometer					
RCDE_NOPI	Integer	4	RANGE_CODE_NOPI	Northern Pintail, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_NOPI	Double	8	FROMBIRDSPRSQKM_NOPI	Northern Pintail, for the range class, the lower density of birds per square kilometer			true		
TQKM_NOPI	Double	8	TOBIRDSPRSQKM_NOPI	Northern Pintail, for the range class, the upper density of birds per square			true		

				kilometer					
RCDE_PALO	Integer	4	RANGE_CODE_PALO	Pacific Loon, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_PALO	Double	8	FROMBIRDSPRSQKM_PALO	Pacific Loon, for the range class, the lower density of birds per square kilometer			true		
TQKM_PALO	Double	8	TOBIRDSPRSQKM_PALO	Pacific Loon, for the range class, the upper density of birds per square kilometer			true		
RCDE_RTLO	Integer	4	RANGE_CODE_RTLO	Red Throated Loon, density classes are broken into 5 classes			true		

				bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense					
FQKM_RTLO	Double	8	FROMBIRDSPRSQKM_RTLO	Red Throated Loon, for the range class, the lower density of birds per square kilometer			true		
TQKM_RTLO	Double	8	TOBIRDSPRSQKM_RTLO	Red Throated Loon, for the range class, the upper density of birds per square kilometer			true		
RCDE_SCAU	Integer	4	RANGE_CODE_SCAU	Scaup, density classes are broken into 5 classes bases on a natural breaks classification,			true		

				this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense					
FQKM_SCAU	Double	8	FROMBIRDSQRSQKM_SCAU	Scaup, for the range class, the lower density of birds per square kilometer			true		
TQKM_SCAU	Double	8	TOBIRDSQRSQKM_SCAU	Scaup, for the range class, the upper density of birds per square kilometer			true		
RCDE_SPEI	Integer	4	RANGE_CODE_SPEI	Spectacled eider, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		

FQKM_SPEI	Double	8	FROMBIRDSPRSQKM_SPEI	Spectacled eider, for the range class, the lower density of birds per square kilometer			true		
TQKM_SPEI	Double	8	TOBIRDSPRSQKM_SPEI	Spectacled eider, for the range class, the upper density of birds per square kilometer			true		
RCDE_SWAN	Integer	4	RANGE_CODE_SWAN	Tundra Swan, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_SWAN	Double	8	FROMBIRDSP_SWAN	Tundra Swan, for the range class, the lower density of			true		

				birds per square kilometer					
TQKM_SWAN	Double	8	TOBIRDSPRS_SWAN	Tundra Swan, for the range class, the upper density of birds per square kilometer			true		
RCDE_WFGO	Integer	4	RANGE_CODE_WFGO	White Fronted Goose, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_WFGO	Double	8	FROMBIRDSPRSQKM_WFGO	White Fronted Goose, for the range class, the lower density of birds per square kilometer			true		

TQKM_WFGO	Double	8	TOBIRDSPRSQKM_WFGO	White Fronted Goose, for the range class, the upper density of birds per square kilometer			true		
RCDE_YBLO	Integer	4	RANGE_CODE_YBLO	Yellow billed loon, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_YBLO	Double	8	FROMBIRDSPRSQKM_YBLO	Yellow billed loon, for the range class, the lower density of birds per square kilometer			true		
TQKM_YBLO	Double	8	TOBIRDSPRSQKM_YBLO	Yellow billed loon, for the range class, the upper			true		

				density of birds per square kilometer					
RCDE_CAGO	Integer	4	RANGE_CODE_CAGO	Canada goose, density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FQKM_CAGO	Double	8	FROMBIRDSPRSQKM_CAGO	Canada goose, for the range class, the lower density of birds per square kilometer			true		
TQKM_CAGO	Double	8	TOBIRDSPRSQKM_CAGO	Canada goose, for the range class, the upper density of birds per square kilometer			true		

RCDE_COMB	SmallInteger	2	RCDE_COMB	Combined density range code for seabirds, maximum of all density range classes			true		
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Waterfowl_Molt_NOAA_py - FeatureClass

Name Waterfowl_Molt_NOAA_py

ShapeType Polygon

FeatureType Simple

AliasName Waterfowl_Molt_NOAA_py

Description Area around Teshekpuk Lake support a large concentration of molting birds from July through September; particularly for Brant and Canada Geese. The area was digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
MA_MOLT	String	254	Molting Area July-Sept	Concentration of molting waterfowl			true		

White_Fronted_Goose_Dist_USFWS_py - FeatureClass

Name White_Fronted_Goose_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName White_Fronted_Goose_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of White Fronted geese on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5 the most dense			true		
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		

TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		
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Yellow_Billed_Loon_Dist_USFWS_py - FeatureClass

Name Yellow_Billed_Loon_Dist_USFWS_py

ShapeType Polygon

FeatureType Simple

AliasName Yellow_Billed_Loon_Dist_USFWS_py

Description This coverage contains relative density polygons showing estimated density distribution of Yellow Billed Loon on the arctic coastal plain of Alaska, 2007-2010. This distribution was interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. Finally, the grid was converted to a polygon coverage portraying 5 density classes based on a natural breaks classification.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RANGE_CODE	Integer	4	RANGE_CODE	Density classes are broken into 5 classes bases on a natural breaks classification, this code ranges from 1 to 5, 1 the least dense class, and 5			true		

				the most dense					
FBIRD_SQKM	Double	8	FROMBIRDSPRSQKM	For the range class, the lower density of birds per square kilometer			true		
TBIRD_SQKM	Double	8	TOBIRDSPRSQKM	For the range class, the higher density of birds per square kilometer			true		

Feature Dataset BOUNDARIES

The BOUNDARIES Feature Dataset contains boundary features used for display purposes in the North Slope Area Plan wetlands and habitat map atlas. These include administrative boundaries, project boundaries, atlas tile extents, and reference boundaries. Annotation features for some boundaries are also included.

Admin_Large_Parcel_In_simp - FeatureClass

Name Admin_Large_Parcel_In_simp

ShapeType Polyline

FeatureType Simple

AliasName Admin_Large_Parcel_In_simp

Description This data shows parcels as lines in the northern region of Alaska, it is a subset taken from the available State of Alaska set polygon set. For presentation purposes the polygons for the northern Alaska region were converted to lines, then the boundary lines were simplified at a 3 meter resolution to reduce processing overhead for the scales used 1:250,000, to 1:450,000.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
PARCEL_ID	Double	8	PARCEL_ID	Identifier for parcel			true		
NAME	String	254	NAME	Short name for the parcel.			true		
LONGNAME	String	254	LONGNAME	Long name for the parcel.			true		
TYPE	String	254	TYPE	Type of area			true		

[AK_Coast_py - FeatureClass](#)

Name AK_Coast_py
ShapeType Polygon
FeatureType Simple
AliasName AK_Coast_py
Description This coastline coverage of Alaska represents a collective effort by many organizations over the course of the last 15 years. It began as a digital pen-up-pen-down file from the Department of Natural Resources Division of Oil + Gas and was generated into an ARC coverage by the North Slope Borough. At that point several agencies -- spearheaded by NOAA -- cooperated to have the remainder of the coastline digitized at the scale of 1:250000. Ninety percent of the features in the coverage are very close to the Alaska coastline because NOAA had no interest in covering the whole state with stream and lake information at the original time of data capture. Our version of the Alaska coastline originated with the North Slope Borough who gave this coverage to EROS on 3-7-89. At EROS many edits and improvements were made to the coastline coverage. The State of Alaska Department of Natural Resources received this edited coverage from EROS on 7-29-92 and has continued to make cartographic improvements to the coverage.
Tags imageryBaseMapsEarthCover

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
None									

[Atlas_Subistence_py - FeatureClass](#)

Name Atlas_Subistence_py
ShapeType Polygon
FeatureType Simple
AliasName Atlas_Subistence_py
Description To show layout view extents in location window for the subsistence maps, 3-0 and 3-1.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
None									

Atlas_Tiles - FeatureClass

Name Atlas_Tiles
ShapeType Polygon
FeatureType Simple
AliasName Atlas_Tiles
Description Polygons showing the extents of layout views in the location inset for atlas maps

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
T_NAME	String	254	T_NAME	Tile name as shown on the location inset. A, B, C, D, E, 1, 2 or 3			true		
SCALE	String	254	SCALE	Scale used in layout view to sync with this location			true		

Countries_py - FeatureClass

Name Countries_py
ShapeType Polygon
FeatureType Simple
AliasName Countries_py
Description This dataset displays country administrative boundaries in regions near the north slope of Alaska. The subset of data was clipped from global coverage. Data includes both the country name and the 2-digit FIPS code for the country.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FIPS_CNTRY	String	80	FIPS_CNTRY	FIPS Country Code			true		
CNTRY_NAME	String	80	CNTRY_NAME	Country Name			true		

NS_Planning_Area_py - FeatureClass

Name NS_Planning_Area_py
ShapeType Polygon
FeatureType Simple
AliasName NS_Planning_Area_py
Description This preliminary boundary is defined by CSU boundaries on the east, south, and western portions, and the MMS 3-mile nautical boundary on the northern portion. This is not a final representation of the NSMP boundary, and will be updated upon initiation of the NSMP.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
None									

USGS_Quad_250k_py - FeatureClass

Name USGS_Quad_250k_py

ShapeType Polygon

FeatureType Simple

AliasName USGS_Quad_250k_py

Description This coverage contains the boundaries of the USGS protracted 1:250,000 quadrangle maps covering Alaska. It also includes annotation for the quadrangle names in the annotation subclass qmqanno. This coverage was dissolved from another coverage named "itma", which consists of the USGS protracted 1:63,360 quad sheets covering Alaska. The coverage contains tic locations for both the USGS protracted 1:250,000 and 1:63,360 quadrangle corners. Each tic-id is equal to its longitude and latitude in degrees and minutes. Seconds are not included to the tic-id (due to limited number of digits allow for tic-ids), but were used to position the tics on each quad corner. There are negative tic-ids for all the 1:63,360 quads west of the 180 degrees, i.e. Attu, Kiska, and the Rat Islands. The source for the corner coordinates was provided by the Bureau of Land Management (BLM) AEH files. DNR computer programs were used to convert the corner locations into ARC/INFO coverages. The unique tic numbering system, which is tied to each corner, allows for the future development of statewide digital libraries using these boundaries as reference tiles.

Tags quadrangles

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
NAME	String	30	NAME	Full name of qmq quad.			true		
SHORTNAME	String	3	SHORTNAME	Abbreviated name of qmq quad.			true		
QUADNO	Double	8	QUADNO	Numeric code representing 1:250,000 quads.			true		
UTM_ZONE	Integer	4	UTM_ZONE	The UTM zone that the quad falls in.			true		
NORTH	Double	8	NORTH	Latitude of northern border			true		
SOUTH	Double	8	SOUTH	Latitude of southern border			true		
EAST	Double	8	EAST	Longitude of eastern border			true		
WEST	Double	8	WEST	Longitude of			true		

				western border					
MI_LABEL	String	30	MI_LABEL	Mapping label text			true		
RFRSHDT	Date	8	RFRSHDT	Refresh Date			true		

USGS_Quad_250k_pyAnno_250k - FeatureClass

Name USGS_Quad_250k_pyAnno_250k

ShapeType Polygon

FeatureType Annotation

AliasName USGS_Quad_250k_pyAnno_250k

Description Annotation for USGS Quad boundaries in the north region of Alaska for use at 1:250,000

Field	Data Type	Length	Alias Name	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field			true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		

FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		

CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		

USGS_Quad_250k_pyAnno_400k - FeatureClass

Name USGS_Quad_250k_pyAnno_400k

ShapeType Polygon

FeatureType Annotation

AliasName USGS_Quad_250k_pyAnno_400k

Description Annotation for USGS Quad boundaries in the north region of Alaska for use at 1:400,000

Field	Data Type	Length	Alias Name	Description	Domain	DefaultValue	Is Nullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation			true		

				field					
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		

				field					
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation			true		

				field					
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		

USGS_Quad_250k_pyAnno_445k - FeatureClass

Name USGS_Quad_250k_pyAnno_445k
ShapeType Polygon
FeatureType Annotation
AliasName USGS_Quad_250k_pyAnno_445k
Description Annotation for USGS Quad boundaries in the north region of Alaska for use at 1:400,000

Field	Data Type	Length	AliasName	Description	Domain	Default Value	IsNullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field			true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		

FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbol Value		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbol Value		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbol Value		true		
VerticalAlignment	SmallInteger	2	VerticalAlignme nt	Auto annotation field	VerticalAlignme nt		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlign ment	Auto annotation field	HorizontalAlign ment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacin g	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		

Feature Dataset CONFIDENTIAL

The CONFIDENTIAL Feature Dataset contains features whose providers wished to keep confidential.

NS_CampsCabins_NSB_pt – FeatureClass

This dataset was supplied by the North Slope Borough. The NSB has requested that it be used internally for area planning but that it not be shown on mapping or provided to the public.

Name NS_CampsCabins_NSB_pt

ShapeType Point

FeatureType Simple

AliasName NS_CampsCabins_NSB_pt

Description North Slope Borough (NSB) Planning And Community Services have been collecting Cabins And Platform data since 2006 and as of June 2013 the project is still on-going. The project has been "Paid for in part with National Petroleum Reserve-Alaska Program funds made available through the State Department of Commerce, Community, and Economic Development" for camps that are with-in the NPR-A. All Cabins and Platforms outside the NPR-A Boundary have been collected by local help and are computer generated by the NSB for the villages of Pt. Hope, Pt Lay, Kaktovik, and Anaktuvuk Pass, therefore they are only approximate.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
GPS_Date	Date	8	GPS_Date	Date GPS coordinate recorded			true		
Type	String	10	Type	Type of camp			true		
Village_Ar	String	35	Village_Ar	Village nearest camp			true		
Area_Locat	String	35	Area_Locat	Regional area description			true		
NPR_A	String	3	NPR_A	In NPR-A			true		
Quadrangle	String	25	Quadrangle	USGS quad			true		

				name at location					
OwnerName	String	35	OwnerName	Camp owner			true		
Latitude	String	20	Latitude	Latitude of cabin or camp location			true		
Longitude	String	20	Longitude	Longitude of cabin or camp location			true		
Natlve_Allot	String	20	Natlve_Allot	If on native allotment, allotment name			true		
Camp_Name	String	30	Camp_Name	Name of camp			true		
Registered	String	3	Registered	Camp registered			true		
Photo	String	3	Photo	Photo of camp on file			true		
Address	String	50	Address	Owner address			true		
Asses_Bnd	String	50	Assessing_Boundary	Assessment boundary			true		
Property_Id	String	20	Property_Identification	Property identification number			true		
Prop_ID	String	4	Prop_ID	Property identification prefix			true		
Num_Cabin	String	4	Num_Cabin	Cabin identification number			true		
Nat_All	String	3	Nat_All	Property			true		

				identification suffix					
City	String	20	City	Mailing address city			true		
ST	String	2	ST	Mailing address state			true		
Zip	String	5	Zip	Mailing address zip code			true		
Resp_Party	String	50	Responsible_Party	Responsible party name			true		
Puplsh_Web	String	3	Pulish_on_Web	Publish site on the web			true		
Date_Reg	Date	8	Date_Registered	Date site registered			true		
Native_Alt	String	3	Native_Allot_Yes_or_No	Cabin on Native Allotment			true		
Cabin_Num2	String	6	Cabin_Num_1	cabin identification number			true		
comments	String	100	comments	comments			true		
Visited	String	3	Visited	Site visited by NSB			true		

Feature Dataset CONTROL

The CONTROL Feature Dataset contains information related to survey and public lands

TownshipRange_py - FeatureClass

Name TownshipRange_py

ShapeType Polygon

FeatureType Simple

AliasName TownshipRange_py

Description Public land survey boundaries for the northern region of Alaska. Meridian, Townships, and Ranges.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
MTR	String	9	MTR	Meridian, township, range string			true		
MERIDIAN	String	1	MERIDIAN	meridan code			true		
TOWNSHIP	String	4	TOWNSHIP	Township, three number, north/south			true		
RANGE	String	4	RANGE	Range, three number and east/west			true		
TWP_NS	String	1	TWP_NS	Township north or south			true		
RNG_EW	String	1	RNG_EW	Range east or west			true		
TWP_NUM	Integer	4	TWP_NUM	Township number no leading zero			true		
RNG_NUM	Integer	4	RNG_NUM	Range number no leading zero			true		
TWP_NUMC	String	3	TWP_NUMC	Township			true		

				number leading zero, three number					
RNG_NUMC	String	3	RNG_NUMC	Range number leading zero, three number			true		
TRX	String	7	TRX	Combined township range			true		
TU	Integer	4	TU	unknown			true		
RU	Integer	4	RU	unknown			true		
INDEX_	Double	8	INDEX_	unknown			true		
LABEL1	Double	8	LABEL1	unknown			true		
ATLAS_LBL	String	10	ATLAS_LBL	text used for labeling maps			true		
LABEL_L	SmallInteger	2	LABEL_L	logical indicator to create label using expression		0	true		

Feature Dataset HYDROLOGY

The HYDROLOGY Feature Dataset contains water related features used for display purposes in the North Slope Area Plan wetlands and habitat map atlas. These include features for anadromous waters and lakes and streams.

Anadromous_Waters_In - FeatureClass

Name Anadromous_Waters_In

ShapeType Polyline

FeatureType Simple

AliasName Anadromous_Waters_In

Description The Alaska Department of Fish and Game's (ADF+amp;G) Anadromous water bodies data is derived from the ADF+amp;G's GIS shape files for the "Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Catalog") and the "Atlas to the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Atlas"). It is produced for general visual reference and to aid users in generating various natural resource analyses and products. The shape files depict the known anadromous fish bearing lakes and streams within Alaska (from the mouth to the known upper extent of species usage). It incorporates data from a variety of sources including: USGS Digital Line Graph (DLG) and National Hydrography Dataset (NHD) hydrography data; Alaska Department of Natural Resources hydrography layer; and ADF+amp;G shape files for the "Atlas" and "Catalog". ADF+amp;G updates the Anadromous Streams data regularly. Note that stream numbers, locations, extent of cataloged habitat or species utilization of a given stream may change from year to year. Data for the shape files are current as of the 2013 revision of the "Atlas to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" and the "Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" effective July 1, 2013. This particular data layer is for the Arctic Region of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
STREAM_COD	String	52	STREAM_COD	ADF+G anadromous stream catalog number			true		
NAME	String	40	NAME	Name of stream (if it exists)			true		
SOURCE	String	25	SOURCE	Source of digital			true		

				hydrography.					
Shape_Leng	Double	8	Shape_Leng	Arc length in meters			true		

Anadromous_Waters_pt - FeatureClass

Name Anadromous_Waters_pt

ShapeType Point

FeatureType Simple

AliasName Anadromous_Waters_pt

Description The Alaska Department of Fish and Game's (ADF+amp;G) Anadromous water bodies data is derived from the ADF+amp;G's GIS shape files for the "Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Catalog") and the "Atlas to the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Atlas"). It is produced for general visual reference and to aid users in generating various natural resource analyses and products. The shape files depict the known anadromous fish bearing lakes and streams within Alaska (from the mouth to the known upper extent of species usage). It incorporates data from a variety of sources including: USGS Digital Line Graph (DLG) and National Hydrography Dataset (NHD) hydrography data; Alaska Department of Natural Resources hydrography layer; and ADF+amp;G shape files for the "Atlas" and "Catalog". ADF+amp;G updates the Anadromous Streams data regularly. Note that stream numbers, locations, extent of cataloged habitat or species utilization of a given stream may change from year to year. Data for the shape files are current as of the 2013 revision of the "Atlas to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" and the "Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" effective July 1, 2013. This particular data layer is for the Arctic Region of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullabl	Precisio	Scale
X_COORD	Double	8	X_COORD	X coordinate in Albers, meters			true		
Y_COORD	Double	8	Y_COORD	Y coordinate in Albers, meters			true		
LAT	Double	8	LAT	Latitude in decimal degrees			true		
LONG_	Double	8	LONG_	Longitude in decimal degrees			true		
TYPE	String	5	TYPE	Point type			true		
PLOTSYM	SmallInteger	2	PLOTSYM	point symbology			true		
STREAM_CO	String	52	STREAM_CO	AWC stream number			true		

D			D						
NAME	String	40	NAME	Stream name			true		
SPECSTR	String	55	SPECSTR	Species data associated with point			true		
MIDANGLE	SmallInteger	2	MIDANGLE	pt symbology angle			true		
MTRS	String	13	MTRS	Meridian,township,range,section			true		
QUAD	String	34	QUAD	USGS 1:63360 quad name			true		

[Anadromous_Waters_py - FeatureClass](#)

Name Anadromous_Waters_py

ShapeType Polygon

FeatureType Simple

AliasName Anadromous_Waters_py

Description The Alaska Department of Fish and Game's (ADF+amp;G) Anadromous water bodies data is derived from the ADF+amp;G's GIS shape files for the "Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Catalog") and the "Atlas to the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes" (referred to as the "Atlas"). It is produced for general visual reference and to aid users in generating various natural resource analyses and products. The shape files depict the known anadromous fish bearing lakes and streams within Alaska (from the mouth to the known upper extent of species usage). It incorporates data from a variety of sources including: USGS Digital Line Graph (DLG) and National Hydrography Dataset (NHD) hydrography data; Alaska Department of Natural Resources hydrography layer; and ADF+amp;G shape files for the "Atlas" and "Catalog". ADF+amp;G updates the Anadromous Streams data regularly. Note that stream numbers, locations, extent of cataloged habitat or species utilization of a given stream may change from year to year. Data for the shape files are current as of the 2013 revision of the "Atlas to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" and the "Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes" effective July 1, 2014. This particular data layer is for the Arctic Region of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FID_1	Integer	4	FID_1	Unique Id			true		
ComID	Integer	4	ComID	Unique ID			true		
GNIS_ID	String	10	GNIS_ID	Feature ID			true		

GNIS_Name	String	65	GNIS_Name	Feature Name			true		
Elevation	Double	8	Elevation	Feature Elevation (ft)			true		
ReachCode	String	14	ReachCode	Reach Code			true		
FType	Integer	4	FType	Feature Type			true		
FCode	Integer	4	FCode	Feature Code			true		
STREAM_COD	String	52	STREAM_COD	ADF+G anadromous stream catalog number			true		
Region	String	10	Region	Alaska Region			true		
SHAPE_Leng	Double	8	SHAPE_Leng	Arc length in meters			true		

Hydrology_1m_In - FeatureClass

Name Hydrology_1m_In

ShapeType Polyline

FeatureType Simple

AliasName Hydrology_1m_In

Description The Alaska Department of Natural Resources (ADNR) has combined lakes and rivers for several Digital Chart of the World (DCW) tiles into one coverage. The coverage was clipped to the State of Alaska boundary. The lake and river data were combined from the DNNET coverages comprising the following 5 degree by 5 degree tiles for Alaska: AK 12,22,23,32,33 AL 21,31,32 BK 12,13,22,23,33 BL 11,12,13,21,22,23,31,32,33 CK 12,23,33 CL 11,12,13,21,22,23,31 DK 12,13,22,23 ZK 22,32 Please note: Portions of this product include intellectual property of ESRI and are used herein with permission. Copyright (c) 1992 Environmental Systems Research Institute, Inc. All rights reserved. License Agreement: <http://www.asgdc.state.ak.us/homehtml/esri.htm>

Tags streams

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
TYPE	String	1	TYPE	Type of feature			true		

DNLNTYPE	Double	8	DNLNTYPE	Drainage type of feature			true		
DNLNSTAT	Double	8	DNLNSTAT	Drainage status of feature			true		
RFRSHDT	Date	8	RFRSHDT	Refresh Date			true		

Hydrology_1m_py - FeatureClass

Name Hydrology_1m_py

ShapeType Polygon

FeatureType Simple

AliasName Hydrology_1m_py

Description The Alaska Department of Natural Resources (ADNR) has combined lakes and rivers for several Digital Chart of the World (DCW) tiles into one coverage. The coverage was clipped to the State of Alaska boundary. The lake and river data were combined from the DNNET coverages comprising the following 5 degree by 5 degree tiles for Alaska: AK 12,22,23,32,33 AL 21,31,32 BK 12,13,22,23,33 BL 11,12,13,21,22,23,31,32,33 CK 12,23,33 CL 11,12,13,21,22,23,31 DK 12,13,22,23 ZK 22,32 Please note: Portions of this product include intellectual property of ESRI and are used herein with permission. Copyright (c) 1992 Environmental Systems Research Institute, Inc. All rights reserved. License Agreement: <http://www.asgdc.state.ak.us/homehtml/esri.htm>

Tags streams

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
TYPE	String	1	TYPE	Type of feature			true		
DNLNTYPE	Double	8	DNLNTYPE	Drainage type of feature			true		
DNLNSTAT	Double	8	DNLNSTAT	Drainage status of feature			true		
RFRSHDT	Date	8	RFRSHDT	Refresh Date			true		

Hydrology_63k_clip_In - FeatureClass

Name Hydrology_63k_clip_In
ShapeType Polyline
FeatureType Simple
AliasName Hydrology_63k_clip_In
Description DNR, LRIS, GIS Services Unit (SGU) maintains a hydrography coverage consisting of data that was digitized by SGU staff, primarily from 1:63,360 USGS quadrangles photo-revised by BLM from aerial high altitude photography flown between 1978-1985. In addition, data from other sources was digitized or obtained in digital format if BLM data was not available. Clipped to the northern region of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
NAME	String	40	NAME	Water body name			true		
WATERTYPE	String	1	WATERTYPE	Type of water, lake, stream, inland shoreline.			true		
SOURCE	String	12	SOURCE	Source quadrangle identifier			true		
SCALE	Double	8	SCALE	scale of original source			true		
SOURCEDATE	String	8	SOURCEDATE	Date of data source document			true		
DISPLAY	String	1	DISPLAY	Code used to define map display.			true		
MI_LABEL	String	40	MI_LABEL	Label to use in mapping			true		

[Hydrology_63k_clip_py - FeatureClass](#)

Name Hydrology_63k_clip_py
ShapeType Polygon
FeatureType Simple
AliasName Hydrology_63k_clip_py
Description DNR, LRIS, GIS Services Unit (SGU) maintains a hydrography coverage consisting of data that was digitized by SGU staff, primarily from 1:63,360 USGS quadrangles photo-revised by BLM from aerial high altitude photography flown between 1978-1985. In addition, data from other sources was digitized or obtained in digital format if BLM data was not available.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
NAME	String	40	NAME	Water body name			true		
WATERTYPE	String	1	WATERTYPE	Code used to depict water type L=Lake			true		
SOURCE	String	12	SOURCE	Source quadrangle identifier			true		
SCALE	Double	8	SCALE	scale of original source			true		
SOURCEDATE	String	8	SOURCEDATE	Date of data source document			true		
DISPLAY	String	1	DISPLAY	Code used to define map display.			true		
MI_LABEL	String	40	MI_LABEL	Label text used for mapping			true		

Feature Dataset PLANIMETRICS

The PLANIMETRICS Feature Dataset contains geographic map features that are not related to elevation. These include roads, infrastructure, and locations along with their annotation.

Infrastructure_63360_In - FeatureClass

Name Infrastructure_63360_In

ShapeType Polyline

FeatureType Simple

AliasName Infrastructure_63360_In

Description This data depicts infrastructure locations in Alaska as digitized primarily from 1:24,000, 1:63,360, and 1:250,000 USGS quadrangles. The source document that represented the newest information and best geographic location was used to capture the data. All infrastructure from the primary source document was digitized and then supplemented with the information from other source documents for additional or updated infrastructure or attributes.

Tags Alaska Marine Highway

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SOURCE	String	12	SOURCE	Source document identifier			true		
NAME	String	40	NAME	Feature name			true		
SCALE	Double	8	SCALE	Scale of source document			true		
SOURCEDATE	String	8	SOURCEDATE	Source document revision date			true		
INFRA_TYPE	String	23	INFRA_TYPE	Feature type			true		
DISPLAY	String	1	DISPLAY	Code used to define map display.			true		
MI_LABEL	String	40	MI_LABEL	text used for map label			true		
RFRSHDT	Date	8	RFRSHDT	Refresh date			true		

Pipeline_Taps_In - FeatureClass

Name Pipeline_Taps_In
ShapeType Polyline
FeatureType Simple
AliasName Pipeline_Taps_In
Description The route of the Trans-Alaska Pipeline was received from Alyeska Pipeline Service Company via the State Pipeline Coordinator's Office. The original projection was Transverse Mercator. Annotation for the pipeline was added by DNR via the annotation sub class 'PIPE'. Written permission to include these data as part of the ADNR digital base map has been received from the Alyeska Pipeline Service Company.
Tags Trans-Alaska Pipeline

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
None									

Place_Names_Pt - FeatureClass

Name Place_Names_Pt
ShapeType Point
FeatureType Simple
AliasName Place_Names_Pt
Description The usgsname coverage was generated from the latitude, longitude coordinates provided by USGS. These locations reflect the coordinates and names cited in the Dictionary of Alaska Place Names. The date of the Dictionary is 1967, while it was automated in more recent years. These are points only, with corresponding attributes. Note, the names of these locations have been automated into Arc/Info annotation in a separate coverage. Points here have been clipped to only show the northern portion of Alaska.
Tags wells

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
GEONAME	String	46	GEONAME	Name of feature.			true		
DESIG	String	9	DESIG	Type of feature.			true		
COUNTY	String	31	COUNTY	Misnomer for			true		

				boroughs and other boundaries.					
ELEV	Double	8	ELEV	Elevation for each feature.			true		
MI_LABEL	String	46	MI_LABEL	Label text string			true		
RFRSHDT	Date	8	RFRSHDT	Refresh Date			true		
keep	SmallInteger	2	keep	Logical 1 or 0 to show on specific mapping			true		

Place_Names_Pt_1500k - FeatureClass

Name Place_Names_Pt_1500k

ShapeType Point

FeatureType Simple

AliasName Place_Names_Pt_1500k

Description The usgs name coverage was generated from the latitude, longitude coordinates provided by USGS. These locations reflect the coordinates and names cited in the Dictionary of Alaska Place Names. The date of the Dictionary is 1967, while it was automated in more recent years. These are points only, with corresponding attributes. Note, the names of these locations have been automated into Arc/Info annotation in a separate coverage. Points here have been clipped to only show the northern portion of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
GEONAME	String	46	GEONAME	Name of feature.			true		
DESIG	String	9	DESIG	Type of feature.			true		
COUNTY	String	31	COUNTY	Misnomer for boroughs and other boundaries.			true		

ELEV	Double	8	ELEV	Elevation for each feature.			true		
MI_LABEL	String	46	MI_LABEL	Label text string			true		
RFRSHDT	Date	8	RFRSHDT	Refresh Date			true		
keep	SmallInteger	2	keep	Logical 1 or 0 to show on specific mapping			true		

Place_Names_PtAnno_1500k - FeatureClass

Name Place_Names_PtAnno_1500k

ShapeType Polygon

FeatureType Annotation

AliasName Place_Names_PtAnno_1500k

SubtypeFieldName AnnotationClassID

Description Annotation for USGS point locations in the north region of Alaska for use at 1:1,500,000

Field	Data Type	Length	AliasName	Description	Domain	Default Value	Is Nullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field		0	true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		

Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		

Override	Integer	4	Override	Auto annotation field			true		
PlaceDesig	String	50	PlaceDesig	Type of place from the USGS points features			true		
Keep	String	20	Keep	logical, 1500 to show at scale			true		

Subtype Code	Subtype Name
0	Default
1	Water Feature
2	Town Names
3	Place Names
5	Sea

Place_Names_PtAnno_250k - FeatureClass

Name Place_Names_PtAnno_250k
ShapeType Polygon
FeatureType Annotation
AliasName Place_Names_PtAnno_250k
SubtypeFieldName AnnotationClassID

Description Annotation for USGS point locations in the north region of Alaska for use at 1:250,000

Field	DataType	Len	AliasName	Description	Domain	DefaultValue	IsNullabl	Precisio	Scal
		gth				e	e	n	e
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field		0	true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto			true		

				annotation field					
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		

CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		
PlaceDesig	String	50	PlaceDesig	Type of place from the USGS points features			true		

Subtype Code Subtype Name

0	Default
1	Water Feature
2	Town Names
3	Place Names
5	Sea

Place_Names_PtAnno_400k - FeatureClass

Name Place_Names_PtAnno_400k

ShapeType Polygon

FeatureType Annotation

AliasName Place_Names_PtAnno_400k

SubtypeFieldName AnnotationClassID

Description Annotation for USGS point locations in the north region of Alaska for use at 1:400,000

Field	Data Type	Length	AliasName	Description	Domain	Default Value	IsNullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		

ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field		0	true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		

WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		
PlaceDesig	String	50	PlaceDesig	Type of place from the USGS points features			true		

Subtype Code Subtype Name

0	Default
1	Water Feature
2	Town Names
3	Place Names
5	Sea

Place_Names_PtAnno_445k - FeatureClass

Name Place_Names_PtAnno_445k

ShapeType Polygon

FeatureType Annotation

AliasName Place_Names_PtAnno_445k

SubtypeFieldName AnnotationClassID

Description Annotation for USGS point locations in the north region of Alaska for use at 1:445,000

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		

ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field		0	true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		

WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		
PlaceDesig	String	50	PlaceDesig	Type of place from the USGS points features			true		

Subtype Code	Subtype Name
0	Default
1	Water Feature
2	Town Names
3	Place Names
5	Sea

Feature Dataset TOPOGRAPHY

The TOPOGRAPHY Feature Dataset contains topography lines, their annotations, and the annotation mask features.

eg_topo_200_anno_250k - FeatureClass

Name eg_topo_200_anno_250k

ShapeType Polygon

FeatureType Annotation

AliasName eg_topo_200_anno_250k

Description Contour annotations at 1000 foot interval for major contours, to display at 1:250,000 scale for the North Slope region of Alaska.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field			true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		

FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		

CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		

eg_topo_200_anno_250k_msk - FeatureClass

Name eg_topo_200_anno_250k_msk
ShapeType Polygon
FeatureType Simple
AliasName eg_topo_200_anno_250k_msk
Description Contour annotation masks at 1000 foot interval for major contour annoations, to display at 1:250,000 scale for the North Slope region of Alaska.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FID_eg_topo_200_anno	Integer	4	FID_eg_topo_200_anno	Unique ID in corresponding annotation feature class			true		

eg_topo_200_anno_400k - FeatureClass

Name eg_topo_200_anno_400k
ShapeType Polygon
FeatureType Annotation
AliasName eg_topo_200_anno_400k

Description Contour annotations at 1000 foot interval for major contours, to display at 1:400,000 scale for the North Slope region of Alaska.

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field			true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto annotation field			true		
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto	BooleanSymbolValue		true		

				annotation field	e				
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		
CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		

Override	Integer	4	Override	Auto annotation field			true		
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eg_topo_200_anno_400k_msk - FeatureClass

Name eg_topo_200_anno_400k_msk

ShapeType Polygon

FeatureType Simple

AliasName eg_topo_200_anno_400k_msk

Description Contour annotation masks at 1000 foot interval for major contour annoations, to display at 1:400,000 scale for the North Slope region of Alaska.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNull	Precision	Scale
FID_eg_topo_200_anno_400k	Integer	4	FID_eg_topo_200_anno_400k	FID_eg_topo_200_anno_400k			true		

eg_topo_200_anno_445k - FeatureClass

Name eg_topo_200_anno_445k
ShapeType Polygon
FeatureType Annotation
AliasName eg_topo_200_anno_445k
Description Contour annotations at 1000 foot interval for major contours, to display at 1:445,000 scale for the North Slope region of Alaska.

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
FeatureID	Integer	4	FeatureID	Auto annotation field			true		
ZOrder	Integer	4	ZOrder	Auto annotation field			true		
AnnotationClassID	Integer	4	AnnotationClassID	Auto annotation field			true		
Element	Blob	0	Element	Auto annotation field			true		
SymbolID	Integer	4	SymbolID	Auto annotation field			true		
Status	SmallInteger	2	Status	Auto annotation field	AnnotationStatus	0	true		
TextString	String	255	TextString	Annotation text value			true		
FontName	String	255	FontName	Auto annotation field			true		
FontSize	Double	8	FontSize	Auto			true		

				annotation field					
Bold	SmallInteger	2	Bold	Auto annotation field	BooleanSymbolValue		true		
Italic	SmallInteger	2	Italic	Auto annotation field	BooleanSymbolValue		true		
Underline	SmallInteger	2	Underline	Auto annotation field	BooleanSymbolValue		true		
VerticalAlignment	SmallInteger	2	VerticalAlignment	Auto annotation field	VerticalAlignment		true		
HorizontalAlignment	SmallInteger	2	HorizontalAlignment	Auto annotation field	HorizontalAlignment		true		
XOffset	Double	8	XOffset	Auto annotation field			true		
YOffset	Double	8	YOffset	Auto annotation field			true		
Angle	Double	8	Angle	Auto annotation field			true		
FontLeading	Double	8	FontLeading	Auto annotation field			true		
WordSpacing	Double	8	WordSpacing	Auto annotation field			true		
CharacterWidth	Double	8	CharacterWidth	Auto annotation field			true		

CharacterSpacing	Double	8	CharacterSpacing	Auto annotation field			true		
FlipAngle	Double	8	FlipAngle	Auto annotation field			true		
Override	Integer	4	Override	Auto annotation field			true		

eg_topo_200_anno_445k_msk - FeatureClass

Name eg_topo_200_anno_445k_msk

ShapeType Polygon

FeatureType Simple

AliasName eg_topo_200_anno_445k_msk

Description Contour annotation masks at 1000 foot interval for major contour annoations, to display at 1:445,000 scale for the North Slope region of Alaska.

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNull	Precision	Scale
FID_eg_topo_200_anno_445k	Integer	4	FID_eg_topo_200_anno_445k	FID_eg_topo_200_anno_445k			true		

[eg_topo_200_cind_In - FeatureClass](#)

Name eg_topo_200_cind_In
ShapeType Polyline
FeatureType Simple
AliasName eg_topo_200_cind_In
Description Major contours at a 1000 ft interval for the north slope region of Alaska. Modeled from the 30 meter USGS DEM.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
CONTOUR	Double	8	CONTOUR	Contour elevation in feet at 200 foot interval			true		

[eg_topo_200_cint_In - FeatureClass](#)

Name eg_topo_200_cint_In
ShapeType Polyline
FeatureType Simple
AliasName eg_topo_200_cint_In
Description Minor contours at a 200 ft interval for the north slope region of Alaska. Modeled from the 30 meter USGS DEM.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
CONTOUR	Double	8	CONTOUR	Contour elevation in feet at 200 foot interval			true		

Feature Dataset TRADITIONAL SUBSISTENCE

The TRADITIONAL_SUBSISTENCE Feature Dataset contains information related to subsistence gathering and traditional use for the North Slope Planning Area.

Subs_Bear_Brown_py - FeatureClass

Name Subs_Bear_Brown_py

ShapeType Polygon

FeatureType Simple

AliasName Subs_Bear_Brown_py

Description Polygons show estimated subsistence resource use of brown bear in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Bear_Polar_py - FeatureClass

Name Subs_Bear_Polar_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Bear_Polar_py
Description Polygons show estimated subsistence resource use of polar bear in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Birds_Eggs_py - FeatureClass

Name Subs_Birds_Eggs_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Birds_Eggs_py
Description Polygons show estimated subsistence resource use of birds and eggs in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Caribou_py - FeatureClass

Name Subs_Caribou_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Caribou_py
Description Polygons show estimated subsistence resource use of caribou in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Fish_NonSalmon_py - FeatureClass

Name Subs_Fish_NonSalmon_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Fish_NonSalmon_py
Description Polygons show estimated subsistence resource use of non salmon fish in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Furbearers_SmallGame_py - FeatureClass

Name Subs_Furbearers_SmallGame_py

ShapeType Polygon
FeatureType Simple
AliasName Subs_Furbearers_SmallGame_py
Description Polygons show estimated subsistence resource use of furbearers and small game in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Invertebrates_py - FeatureClass

Name Subs_Invertebrates_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Invertebrates_py
Description Polygons show estimated subsistence resource use of invertebrates in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Moose_py - FeatureClass

Name Subs_Moose_py
ShapeType Polygon

FeatureType Simple
AliasName Subs_Moose_py
Description Polygons show estimated subsistence resource use of moose in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

[Subs_Seal_SeaLion_py - FeatureClass](#)

Name Subs_Seal_SeaLion_py
ShapeType Polygon
FeatureType Simple
AliasName Subs_Seal_SeaLion_py
Description Polygons show estimated subsistence resource use of seals and seal lions in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

[Subs_Sheep_py - FeatureClass](#)

Name Subs_Sheep_py
ShapeType Polygon
FeatureType Simple

AliasName Subs_Sheep_py

Description Polygons show estimated subsistence resource use of dall sheep in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Vegetation_Wood_py - FeatureClass

Name Subs_Vegetation_Wood_py

ShapeType Polygon

FeatureType Simple

AliasName Subs_Vegetation_Wood_py

Description Polygons show estimated subsistence resource use of vegetation and wood in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Walrus_py - FeatureClass

Name Subs_Walrus_py

ShapeType Polygon

FeatureType Simple

AliasName Subs_Walrus_py

Description Polygons show estimated subsistence resource use of pacific walrus in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Subs_Whales_py - FeatureClass

Name Subs_Whales_py

ShapeType Polygon

FeatureType Simple

AliasName Subs_Whales_py

Description Polygons show estimated subsistence resource use of whales in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SPECIES	String	254	SPECIES	Subsistence resource			true		

Feature Dataset VEGETATION

The VEGETATION Feature Dataset contains data related to vegetation and ground cover.

LANDFIRE_VEG_2010_NSAP_Class_py - FeatureClass

Name LANDFIRE_VEG_2010_NSAP_Class_py

ShapeType Polygon

FeatureType Simple

AliasName LANDFIRE_VEG_2010_NSAP_Class_py

Description For use in the North Slope area planning process, classes were consolidated based on the EVT_GP_N field, then the original raster was converted to polygon features based on a 30 meter grid size. For the combined classes:

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
gridcode	Integer	4	gridcode	Gridcode from raster to polygon conversion that corresponds with the NSAP_CLASS value			true		
NSAP_CLASS	String	30	NSAP_CLASS	Consolidation of the EVT_GP_N Landfire field, the aggregated existing vegetation types baed on dominant species or groups of dominant species			true		

Feature Dataset WETLANDS

The WETLANDS Feature Dataset contains data related to wetlands classifications.

AK_Wetlands_NASA_py - FeatureClass

Name AK_Wetlands_NASA_py

ShapeType Polygon

FeatureType Simple

AliasName AK_Wetlands_NASA_py

Description Original geotif data were converted to polygons and clipped to the northern portion of Alaska. Also clipped to provide coverage where NWI data does not exist.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
FID_NASA_W	Integer	4	FID_NASA_W	Unique ID			true		
ID	Double	8	ID	Unique Code			true		
GRIDCODE	Double	8	GRIDCODE	Grid code represented wetland type			true		
NASA_CLASS	String	50	NASA CLASS DESC	text descriptor to match the gridcode			true		
NASA_W_RGM	String	50	Nasa Water Regime	water regime indicated by the grid code			true		
WETLAND_TY	String	50	WETLAND_TYPE_NWI	corresponding NWI wetland type			true		

AK_Wetlands_NWI_py - FeatureClass

Name AK_Wetlands_NWI_py

ShapeType Polygon

FeatureType Simple

AliasName AK_Wetlands_NWI_py

Description This data set represents the extent, approximate location and type of wetlands and deepwater habitats in the Alaska, United States. These data delineate the areal extent of wetlands and surface waters as defined by Cowardin et al. (1979). Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and near shore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery. By policy, the Service also excludes certain types of "farmed wetlands" as may be defined by the Food Security Act or that do not coincide with the Cowardin et al. definition. Contact the Service's Regional Wetland Coordinator for additional information on what types of farmed wetlands are included on wetland maps.

Tags Wetlands

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
ATTRIBUTE	String	20	ATTRIBUTE	Alphanumeric code identifying the wetland classification of the polygon.			true		
ACRES	Double	8	ACRES	Area of polygon in acres.			true		
WETLAND_TY	String	50	WETLAND_TY	Wetland type			true		

AK_Wetlands_NWI_Status_py - FeatureClass

Name AK_Wetlands_NWI_Status_py
ShapeType Polygon
FeatureType Simple
AliasName AK_Wetlands_NWI_Status_py
Description This data set represents the extent, status, and approximate location of current and historic NWI wetland mapping projects.
Tags Wetlands

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision Scale	
STATUS	String	50	STATUS	Current status of the project			true		

Feature Dataset WILDLIFE CETACEAN

The WILDLIFE_CETACEAN Feature Dataset contains information related to the distribution and occurrence of whales in and near the North Slope Planning Area.

Whale_Bowhead_NOAA_py - FeatureClass

Name Whale_Bowhead_NOAA_py

ShapeType Polygon

FeatureType Simple

AliasName Whale_Bowhead_NOAA_py

Description Polygons show Bowhead Whale distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_5_10	String	254	AD_MAY_OCT	Adult Area May through October			true		
MAD_6_9	String	254	MAJ_AD_JUN_SEP	Major adult area June through September			true		
MAD_5	String	254	MAJ_AD_MAY	Major adult area May			true		

Whale_Gray_NOAA_py - FeatureClass

Name Whale_Gray_NOAA_py

ShapeType Polygon

FeatureType Simple

AliasName Whale_Gray_NOAA_py

Description Polygons show Gray Whale distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
OC_4_12	String	254	OCC_APR_DEC	Occasional occurrence April through December			true		
AD_4_12	String	254	AD_APR_DEC	Adult area April through december			true		
MAD_4_5	String	254	MAD_APR_MAY	Major adult area April through May			true		

Whale_White_NOAA_py - FeatureClass

Name Whale_White_NOAA_py
ShapeType Polygon
FeatureType Simple
AliasName Whale_White_NOAA_py
Description Polygons show White Whale (Beluga) distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_6_10	String	254	AD_AR_JUN_OCT	Adult area June through October			true		
MAD_5_9	String	254	MAD_MAY_SEP	Major adult area May through September			true		
MAD_9	String	254	MAD_SEP	Major adult area September			true		
MADC_5_9	String	254	MAD_CON_MAY_SEP	Major adult concentration May through September			true		

Feature Dataset WILDLIFE MAMMAL LAND

The WILDLIFE_MAMMAL_LAND Feature Dataset contains information related to the distribution, occurrence, and habitat of land mammals in and near the North Slope Planning Area.

Bear_Brown_Dens_pt - FeatureClass

Name Bear_Brown_Dens_pt
ShapeType Point
FeatureType Simple
AliasName Bear_Brown_Dens_pt
Description Brown Bear denning sites in North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
DENID	String	255	DENID	Bear den identification, last two digits indicate year of observation			true		
LATDEC	Double	8	LATDEC	Latitude of den location			true		
LONGDEC	Double	8	LONGDEC	Longitude of den location			true		

Bear_Brown_Dist_py - FeatureClass

Name Bear_Brown_Dist_py
ShapeType Polygon
FeatureType Simple
AliasName Bear_Brown_Dist_py
Description General Distribution of Brown Bears in North Slope Alaska

Field	Data Type	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
mammFdSr	SmallInteger	2	mammFdSrc	Bear concentrations with Mammal food sources			true		
Berryar	SmallInteger	2	Berryarea	Bear concentrations with berry food sources			true		
fishStr	SmallInteger	2	fishStr	Concentrations associated with fish			true		
MapCat	String	20	MapCat	Distribution mapping category			true		

Bear_Polar_CritHabitat_py - FeatureClass

Name Bear_Polar_CritHabitat_py
ShapeType Polygon
FeatureType Simple
AliasName Bear_Polar_CritHabitat_py
Description This layer shows all categories of polar bear critical habitat combined into one overall polygon. This polygon includes the following critical habitat types: 1) barrier islands and spits 2) one-mile wide no disturbance zone around islands and spits 3) denning habitat on the mainland between the Yukon border and Barrow 4) sea ice Datasets that were combined to create this one: Polar Bear Data.gdb \ Critical_Habitat_Barrier_Islands \ Barrier_Islands Polar Bear Data.gdb \ Critical_Habitat_Barrier_Islands \ No_Disturbance_Zone Polar Bear Data.gdb \ Critical_Habitat_Denning \

Denning_Habitat_95_percent_den_locations Polar Bear Data.gdb \ Critical_Habitat_Feeding \ Feeding_Critical_Habitat
 All features in this dataset that represent coastal shorelines were obtained from the Alaska Department of Natural Resources' statewide 1:63,360 scale coastline dataset, available at ftp://ftp.dnr.state.ak.us/asgdc/alaska_63360.zip

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
SHAPE_LEN	Double	8	SHAPE_LEN	length			true		
CH_TYPE	String	50	CH_TYPE	Habitat type description			true		
AREA_SQ_KM	Double	8	AREA_SQ_KM	Area in square kilometers			true		
AREA_SQ_MI	Double	8	AREA_SQ_MI	Area Square miles			true		
AREA_ACRES	Double	8	AREA_ACRES	Area in acres			true		
BUFFER_WID	Double	8	BUFFER_WID	Buffer width			true		
NOTES	String	150	NOTES	Notes			true		
DISTANCE	Double	8	DISTANCE	Distance			true		
BUFFERDIST	Double	8	BUFFERDIST	Buffer distance			true		

Bear_Polar_DenHabitat_In - FeatureClass

Name Bear_Polar_DenHabitat_In

ShapeType Polyline

FeatureType Simple

AliasName Bear_Polar_DenHabitat_In

Description Polar bear maternal den habitat on the coastal plain of northern Alaska between the Colville River and the Alaska/Canada border. Den habitat is defined as abrupt landscape features that will hold snow banks of at least 3 feet in depth.

Tags aerial photography, ANWR, Arctic National Wildlife Refuge, den habitat, maternal den, photo interpretation, polar bear, Prudhoe Bay, Ursus maritimus

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
DESCRIPT	String	60	DESCRIPT	Landscape features that may hold at least 3 feet of snow			true		
INT_DATE	String	50	INT_DATE	Dates of photo-interpretation			true		
AREA	String	40	AREA	General region of photo-interpretation			true		

Bear_Polar_DenHabitat_Model_Bnd_In - FeatureClass

Name Bear_Polar_DenHabitat_Model_Bnd_In
ShapeType Polyline
FeatureType Simple
AliasName Bear_Polar_DenHabitat_Model_Bnd_In
Description To delineate the extents of polar bear denning habit modeling performed for Beaufort Sea coastal areas in 2001 and 2013. The boundary was heads up digitized around the modeled habitat extents. For presentation purposes on the North Slope area plan habitat atlas maps.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Bear_Polar_DenHabitat_Z4_In - FeatureClass

Name Bear_Polar_DenHabitat_Z4_In
ShapeType Polyline
FeatureType Simple
AliasName Bear_Polar_DenHabitat_Z4_In
Description Polar bear maternal den habitat on the coastal plain of northern Alaska in the region of the National Petroleum Reserve-Alaska. Den habitat is defined as abrupt landscape features that will hold snow banks of at least 3 feet in depth.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Bear_Polar_DenHabitat_Z5_In - FeatureClass

Name Bear_Polar_DenHabitat_Z5_In
ShapeType Polyline
FeatureType Simple
AliasName Bear_Polar_DenHabitat_Z5_In
Description Polar bear maternal den habitat on the coastal plain of northern Alaska in the region of the National Petroleum Reserve-Alaska. Den habitat is defined as abrupt landscape features that will hold snow banks of at least 3 feet in depth.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Bear_Polar_DenLoc_1910_2010_pt - FeatureClass

Name Bear_Polar_DenLoc_1910_2010_pt

ShapeType Point

FeatureType Simple

AliasName Bear_Polar_DenLoc_1910_2010_pt

Description This report presents data on the approximate locations and methods of discovery of 392 polar bear (*Ursus maritimus*) maternal dens found in the Beaufort Sea and neighboring regions between 1910 and 2010 that are archived by the U.S. Geological Survey, Alaska Science Center, Anchorage, Alaska. A description of data collection methods, biases associated with collection method, primary time periods, and spatial resolution are provided. Polar bears in the Beaufort Sea and nearby regions den on both the sea ice and on land. Standardized VHF surveys and satellite radio telemetry data provide a general understanding of where polar bears have denned in this region over the past 3 decades. Den observations made during other research activities and anecdotal reports from other government agencies, coastal residents, and industry personnel also are reported. Data on past polar bear maternal den locations are provided to inform the public and to provide information for natural resource agencies in planning activities to avoid or minimize interference with polar bear maternity dens.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
RECORD	Double	8	RECORD	Sequential Data Record number			true		
DENID	Double	8	DENID	ASC assigned den identification number			true		
SPRING_YEA	Double	8	SPRING_YEA	the year that cubs would have emerged from the den			true		
DATA_SOURC	String	254	DATA_SOURC	the data source			true		
DISCOVERY_	String	254	DISCOVERY_	encounter method			true		
LATITUDE	Double	8	LATITUDE	den location latitude			true		
LONGITUDE	Double	8	LONGITUDE	den location			true		

				longitude					
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Caribou_Calving_py - FeatureClass

Name Caribou_Calving_py
ShapeType Polygon
FeatureType Simple
AliasName Caribou_Calving_py
Description Caribou, Calving Areas, North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Caribou_Dist_py - FeatureClass

Name Caribou_Dist_py
ShapeType Polygon
FeatureType Simple
AliasName Caribou_Dist_py
Description General Distribution of caribou in North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
GD	SmallInteger	2	GD	General Caribou distribution			true		
CALV	SmallInteger	2	CALV	caribou calving area			true		
INSECT	SmallInteger	2	INSECT	caribou insect relief area			true		
WINTER	SmallInteger	2	WINTER	caribou wintering area			true		

Caribou_Insect_py - FeatureClass

Name Caribou_Insect_py
ShapeType Polygon
FeatureType Simple
AliasName Caribou_Insect_py
Description Caribou, Insect Relief, North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Caribou_Migration_py - FeatureClass

Name Caribou_Migration_py
ShapeType Polygon
FeatureType Simple
AliasName Caribou_Migration_py
Description Caribou, Migration Routes, North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
season	String	5	season	seasonal caribou migration routes			true		

Dall_Sheep_Mineral_Licks_pt - FeatureClass

Name Dall_Sheep_Mineral_Licks_pt
ShapeType Point
FeatureType Simple
AliasName Dall_Sheep_Mineral_Licks_pt
Description Mineral Licks, North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
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Dall_Sheep_py - FeatureClass

Name Dall_Sheep_py
ShapeType Polygon
FeatureType Simple
AliasName Dall_Sheep_py
Description Dall Sheep, General Distribution, North Slope, Alaska

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
MapCat	String	20	MapCat	Dall sheep distribution			true		

Muskox_Dist_py - FeatureClass

Name Muskox_Dist_py
ShapeType Polygon
FeatureType Simple
AliasName Muskox_Dist_py
Description Statewide range of

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
DISTRBTN	String	20	Distribution	Distribution of muskox in northern alaska			true		

Ns_Moose_Wintering_py - FeatureClass

Name Ns_Moose_Wintering_py
ShapeType Polygon
FeatureType Simple
AliasName Ns_Moose_Wintering_py
Description Moose winter habitat in northern Alaska.
Tags moose

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
Wintering	SmallInteger	2	Wintering	Moose wintering logical			true		

Feature Dataset WILDLIFE PINNIPED

The WILDLIFE_PINNIPED Feature Dataset contains information related to the distribution and occurrence of seals and walrus in and near the North Slope Planning Area.

Seal_Bearded_NOAA_py - FeatureClass

Name Seal_Bearded_NOAA_py

ShapeType Polygon

FeatureType Simple

AliasName Seal_Bearded_NOAA_py

Description Polygons show Bearded Seal distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_YRRND	String	254	AD_YR_RND	Adult year round area			true		
OCC_OCC	String	254	OCC_OCC	Occasional occurrence			true		
MAD_3_4	String	254	MAJ_AD_MAR_APR	Major adult area March through April			true		
MAD_7_9	String	254	MAJ_AD_JUL_SEP	Major adult area July through September			true		

Seal_Ribbon_NOAA_py - FeatureClass

Name Seal_Ribbon_NOAA_py
ShapeType Polygon
FeatureType Simple
AliasName Seal_Ribbon_NOAA_py
Description Polygons show Ribbon Seal distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_6_12	String	254	AD_JUN_DEC	Adult area June through December			true		
MAD_6_12	String	254	MAJ_AD_JUN_DEC	Major adult area June through December			true		

Seal_Ringed_NOAA_py - FeatureClass

Name Seal_Ringed_NOAA_py
ShapeType Polygon
FeatureType Simple
AliasName Seal_Ringed_NOAA_py
Description Polygons show Ringed Seal distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_YRRND	String	254	AD_YR_RND	Adult year			true		

				round area					
MAD_2_6	String	254	MAJ_AD_FEB_JUN	Major adult area February through June			true		
MAD_5_6	String	254	MAJ_AD_MAY_JUN	Major adult area May through June			true		
MAD_7_9	String	254	MAJ_AD_JULY_SEP	Major adult area July through September			true		
OCC_OCC	String	254	OCC_OCC	Occasional occurrence			true		

Seal_Spotted_NOAA_pt - FeatureClass

Name Seal_Spotted_NOAA_pt

ShapeType Point

FeatureType Simple

AliasName Seal_Spotted_NOAA_pt

Description Points show Spotted Seal haulouts ear the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNull	Scale
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Seal_Spotted_NOAA_py - FeatureClass

Name Seal_Spotted_NOAA_py
ShapeType Polygon
FeatureType Simple
AliasName Seal_Spotted_NOAA_py
Description Polygons show Spotted Seal distributions near the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
AD_6_12	String	254	AD_AR_JUN_DEC	Adult area June through December			true		
OCC_OCC	String	254	OCC_OCC	Occasional occurrence			true		

Walrus_Haulouts_USFWS_pt - FeatureClass

Name Walrus_Haulouts_USFWS_pt
ShapeType Point
FeatureType Simple
AliasName Walrus_Haulouts_USFWS_pt
Description Points show walrus haulouts in the eastern Chukchi Sea, recently used since 2000.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
NAME	String	255	NAME	Haulout Name			true		
NOTES	String	255	NOTES	Notes describing haulout			true		

Walrus_Occupancy_USGS_dis_py - FeatureClass

Name Walrus_Occupancy_USGS_dis_py
ShapeType Polygon
FeatureType Simple
AliasName Walrus_Occupancy_USGS_dis_py
Description We radio-tracked walrus to estimate areas of walrus foraging and occupancy in the Chukchi Sea during June through November of 2008 through 2011, years when sea ice was sparse over the continental shelf. This dataset is a subset of the original that has been dissolved on the month of occupancy for display purposes.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
Month	Double	8	Month	Month of occupancy			true		

Walrus_Occupancy_USGS_py - FeatureClass

Name Walrus_Occupancy_USGS_py
ShapeType Polygon
FeatureType Simple
AliasName Walrus_Occupancy_USGS_py
Description We radio-tracked walrus to estimate areas of walrus foraging and occupancy in the Chukchi Sea during June through November of 2008 through 2011, years when sea ice was sparse over the continental shelf.

Field	DataType	Length	AliasName	Description	Domain	DefaultValue	IsNullable	Precision	Scale
id	String	80	id	Collared animal ID			true		
Area_sqk	Double	8	Area_sq_Km	Area in sq Km			true		
Method	String	80	Method	Method of occupancy			true		
Month	Double	8	Month	Month of occupancy			true		

Contour	Double	8	Contour	Statistical contour of occupancy			true		
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Mosaic and Raster Datasets

AK_Wetlands_NASA_mds – MosaicDataset

Name AK_Wetlands_NASA_mds
Contents AK_Wetlands_NASA_rstr

AK_Wetlands_NASA_rstr - RasterDataset

Name AK_Wetlands_NASA_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description Original geotif data were clipped to provide coverage where NWI data does not exist. The data show wetlands in Alaska derived from L-band radar imagery acquired by JAXA's JERS-1 SAR. A novel approach was applied to map the wetlands across the broad Alaska landscape utilizing the radar data and ground measurements to develop the classification scheme and to validate the derived wetlands map. This map is the first Alaska-wide map of wetlands developed from a single contiguous data source. The regional high-resolution mapping capability provided by the radar is key to the successful derivation of this large-scale product. This 100-meter resolution Alaska wetlands map provides key information needed for regional- to continental-scale studies focusing on biogeochemistry, hydrology, plant and animal biodiversity, water resource management, and long-term sustainability of wetland ecosystems in Alaska. Several classes of herbaceous and woody vegetation were successfully classified, with better than 90% classification accuracy relative to the training and validation data sources employed. For more information, please email Mahta Moghaddam at mmoghadd (at) eecs.umich.edu This research is undertaken within the framework of the ALOS Kyoto +amp; Carbon Initiative. The ALOS data were provided by JAXA EORC.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

AK_Wetlands_NWI_mds – MosaicDataset

Name AK_Wetlands_NWI_mds
Contents AK_Wetlands_NWI_rstr

AK_Wetlands_NWI_rstr - RasterDataset

Name AK_Wetlands_NWI_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description Original dataset was trimmed to the northern region of Alaska. This data set represents the extent, approximate location and type of wetlands and deepwater habitats in the Alaska, United States. These data delineate the areal extent of wetlands and surface waters as defined by Cowardin et al. (1979). Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and near shore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery. By policy, the Service also excludes certain types of "farmed wetlands" as may be defined by the Food Security Act or that do not coincide with the Cowardin et al. definition. Contact the Service's Regional Wetland Coordinator for additional information on what types of farmed wetlands are included on wetland maps.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Bear_Brown_Dist_mds – MosaicDataset

Name Bear_Brown_Dist_mds
Contents Bear_Brown_Dist_rstr

Bear_Brown_Dist_rstr - RasterDataset

Name Bear_Brown_Dist_rstr
Format FGDBR
CompressionType LZ77
BandCount 1
Description General Distribution of Brown Bears in North Slope Alaska

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Dall_Sheep_mds – MosaicDataset

Name Dall_Sheep_mds
Contents Dall_Sheep_rstr

Dall_Sheep_rstr - RasterDataset

Name Dall_Sheep_rstr
Format FGDBR
CompressionType LZ77
BandCount 1
Description Dall Sheep, General Distribution, North Slope, Alaska

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Hillshade - RasterDataset

Name Hillshade
Format FGDBR
CompressionType LZ77
BandCount 1
Description REQUIRED: A brief narrative summary of the data set.
Tags REQUIRED: Common-use word or phrase used to describe the subject of the data set.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	S16	60	60

LANDFIRE_VEG_2010_rstr - RasterDataset

Name LANDFIRE_VEG_2010_rstr

Format FGDBR

CompressionType LZ77

BandCount 1

Description Introduction: The LANDFIRE existing vegetation layers describe the following elements of existing vegetation for each LANDFIRE mapping zone: existing vegetation type, existing vegetation canopy cover, and existing vegetation height. Vegetation is mapped using predictive landscape models based on extensive field reference data, satellite imagery, biophysical gradient layers, and classification and regression trees. Abstract: The existing vegetation type (EVT) data layer represents the current distribution of the terrestrial ecological systems classification developed by NatureServe for the western Hemisphere (<http://www.natureserve.org/publications/usEcologicalsystems.jsp>). A terrestrial ecological system is defined as a group of plant community types (associations) that tend to co-occur within landscapes with similar ecological processes, substrates, and/or environmental gradients. EVT's are mapped in LANDFIRE using decision tree models, field reference data, Landsat imagery, digital elevation model data, and biophysical gradient data. Go to http://www.landfire.gov/participate_acknowledgements.php for more information regarding contributors of field plot data. The EVT layer is used in many subsequent LANDFIRE data layers. LANDFIRE 2010 EVT incorporated numerous edits to individual vegetation types to correct local and systematic errors in mapping. The edits were determined based on feedback obtained at a LANDFIRE review and calibration workshop held in Alaska with local data users. The edits were made to the Refresh 2001 (lf_1.0.5) data which were subsequently used as a launching point to incorporate disturbance and its severity, both managed and natural, which occurred on the landscape after 2001. Specific examples of disturbance are: fire, vegetation management, weather, and insect and disease. The final disturbance data used in LANDFIRE is the result of several efforts that include data from the Monitoring Trends in Burn Severity (MTBS) project and the LANDFIRE Events data call. Vegetation growth was modeled where both disturbance and non-disturbance occurs.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	S16	30	30

LANDFIRE_VEG_2010_smplfd_mds

Name LANDFIRE_VEG_2010_smplfd_mds
Contents LANDFIRE_VEG_2010_smplfd_rstr

LANDFIRE_VEG_2010_smplfd_rstr - RasterDataset

Name LANDFIRE_VEG_2010_smplfd_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description Introduction: The LANDFIRE existing vegetation layers describe the following elements of existing vegetation for each LANDFIRE mapping zone: existing vegetation type, existing vegetation canopy cover, and existing vegetation height. Vegetation is mapped using predictive landscape models based on extensive field reference data, satellite imagery, biophysical gradient layers, and classification and regression trees. Abstract: The existing vegetation type (EVT) data layer represents the current distribution of the terrestrial ecological systems classification developed by NatureServe for the western Hemisphere (<http://www.natureserve.org/publications/usEcologicalsystems.jsp>). A terrestrial ecological system is defined as a group of plant community types (associations) that tend to co-occur within landscapes with similar ecological processes, substrates, and/or environmental gradients. EVT's are mapped in LANDFIRE using decision tree models, field reference data, Landsat imagery, digital elevation model data, and biophysical gradient data. Go to http://www.landfire.gov/participate_acknowledgements.php for more information regarding contributors of field plot data. The EVT layer is used in many subsequent LANDFIRE data layers. LANDFIRE 2010 EVT incorporated numerous edits to individual vegetation types to correct local and systematic errors in mapping. The edits were determined based on feedback obtained at a LANDFIRE review and calibration workshop held in Alaska with local data users. The edits were made to the Refresh 2001 (lf_1.0.5) data which were subsequently used as a launching point to incorporate disturbance and its severity, both managed and natural, which occurred on the landscape after 2001. Specific examples of disturbance are: fire, vegetation management, weather, and insect and disease. The final disturbance data used in LANDFIRE is the result of several efforts that include data from the Monitoring Trends in Burn Severity (MTBS) project and the LANDFIRE Events data call. Vegetation growth was modeled where both disturbance and non-disturbance occurs.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Ns_Moose_Wintering_mds

Name Ns_Moose_Wintering_mds
Contents Ns_Moose_Wintering_rstr

Ns_Moose_Wintering_rstr - RasterDataset

Name Ns_Moose_Wintering_rstr
Format FGDBR
CompressionType LZ77
BandCount 1
Description Moose winter habitat in northern Alaska.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Seabirds_Dist_USFWS_mds

Name Seabirds_Dist_USFWS_mds
Contents Seabirds_Dist_USFWS_rstr

Seabirds_Dist_USFWS_rstr - RasterDataset

Name Seabirds_Dist_USFWS_rstr
Format FGDBR
CompressionType LZ77
BandCount 1
Description This coverage contains relative density polygons showing estimated density distribution of seabirds on the arctic coastal plain of Alaska, 2007-2010. Distributions for individual birds were interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. The grid was then converted to a polygon coverage portraying 5 density classes based on a natural breaks classification. To create the conglomeration of densities for all seabird species surveyed, the highest density rating at each location was taken. For

example, a combined density class of 5 represents sites where one or more of the species have the highest densities of surveyed birds. A combined density class of 1 represents areas where all species have a density class of 1.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	S16	30	30

Shorebirds_AMGP_HSI - RasterDataset

Name Shorebirds_AMGP_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for American Golden-Plover (*Pluvialis dominica*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags Program for Regional and International Shorebird Monitoring

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_BBPL_HSI - RasterDataset

Name Shorebirds_BBPL_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Black-bellied Plover (*Pluvialis squatarola*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags biota

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_DUNL_HSI - RasterDataset

Name Shorebirds_DUNL_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Dunlin (*Calidris alpina*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags biota

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_LBDO_HSI - RasterDataset

Name Shorebirds_LBDO_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Long-billed Dowitcher (*Limnodromus scolopaceus*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags Program for Regional and International Shorebird Monitoring

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_PESA_HSI - RasterDataset

Name Shorebirds_PESA_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Pectoral Sandpiper (*Calidris melanotos*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags biota

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_REPH_HSI - RasterDataset

Name Shorebirds_REPH_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Red Phalarope (*Phalaropus fulicarius*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags habitat suitability

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_RNPH_HSI - RasterDataset

Name Shorebirds_RNPH_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Red-necked Phalarope (*Phalaropus lobatus*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags Program for Regional and International Shorebird Monitoring

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_SESA_HSI - RasterDataset

Name Shorebirds_SESA_HSI

Format FGDBR

CompressionType LZ77

BandCount 1

Description This dataset consists of a raster file representing mapped habitat suitability indices for Semipalmated Sandpiper (*Calidris pusilla*) within the Arctic Coastal Plain (ACP) of Alaska. This habitat suitability model was based on 767 plots surveyed during nine years between 1998 and 2008 (surveys were not conducted in 2003 and 2005), using single-visit rapid area searches during territory establishment and incubation (8 June – 1 July). Species specific habitat suitability indices were developed and mapped using presence-only modeling techniques (partitioned Mahalanobis distance) and landscape environmental variables.

Tags Program for Regional and International Shorebird Monitoring

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	F32	1000	1000

Shorebirds_Species_richness_meanHSI_int_rstr - RasterDataset

Name Shorebirds_Species_richness_meanHSI_int_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description This dataset consists of a raster file representing predicted shorebird species richness within the Arctic Coastal Plain (ACP) of Alaska. This predicted species richness represents the mean habitat suitability index for the eight modeled shorebird species (Black-bellied Plover [Pluvialis squatarola], American Golden-Plover [Pluvialis dominica], Semipalmated Sandpiper [Calidris pusilla], Pectoral Sandpiper [Calidris melanotos], Dunlin [Calidris alpina], Long-billed Dowitcher [Limnodromus scolopaceus], Red-necked Phalarope [Phalaropus lobatus], and Red Phalarope [Phalaropus fulicarius]) across the study area.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U16	1000	1000

Shorebirds_Species_richness_meanHSI_mds

Name Shorebirds_Species_richness_meanHSI_mds
Contents Shorebirds_Species_richness_meanHSI_rstr

Shorebirds_Species_richness_meanHSI_rstr - RasterDataset

Name Shorebirds_Species_richness_meanHSI_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description This dataset consists of a raster file representing predicted shorebird species richness within the Arctic Coastal Plain (ACP) of Alaska. This predicted species richness represents the mean habitat suitability index for the eight modeled shorebird species (Black-bellied Plover [Pluvialis squatarola], American Golden-Plover [Pluvialis dominica], Semipalmated Sandpiper [Calidris pusilla], Pectoral Sandpiper [Calidris melanotos], Dunlin [Calidris alpina], Long-billed Dowitcher [Limnodromus scolopaceus], Red-necked Phalarope [Phalaropus lobatus], and Red Phalarope [Phalaropus fulicarius]) across the study area. This dataset converts the original floating point raster to an integer raster and assigns a range_class to the HSI. Range class 0= HSI 0, range class 1=HSI 0.00 to 0.30, range class 2=HSI 0.30 to 0.60, range

class 3=HSI 0.60 to 09.0, range class 4=HSI 0.90 to 0.95, and range class 5=HSI 0.95 to 1.00 Additional processing done by Knight Technologies, Inc., Fairbanks, AK

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	1000	1000

[Subs_Bear_Brown_mds](#)

Name Subs_Bear_Brown_mds
Contents Subs_Bear_Brown_rstr

[Subs_Bear_Brown_rstr - RasterDataset](#)

Name Subs_Bear_Brown_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description Polygons show estimated subsistence resource use of brown bear in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Subs_Caribou_mds

Name Subs_Caribou_mds
Contents Subs_Caribou_rstr

Subs_Caribou_rstr - RasterDataset

Name Subs_Caribou_rstr
Format FGDBR
CompressionType LZ77
BandCount 1

Description Polygons show estimated subsistence resource use of caribou in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Subs_Furbearers_SmallGame_mds

Name Subs_Furbearers_SmallGame_mds
Contents Subs_Furbearers_SmallGame_rstr

Subs_Furbearers_SmallGame_rstr – RasterDataset

Name Subs_Furbearers_SmallGame_rstr

Format FGDBR

CompressionType LZ77

BandCount 1

Description Polygons show estimated subsistence resource use of furbearers and small game in the north slope region of Alaska. Data were digitized from pages in the Bering, Chukchi, and Beaufort Seas Coastal and Ocean Zones Strategic Assessment: Data Atlas, National Oceanic and Atmospheric Administration, published November 1988. Atlas pages were scanned at 200dpi 24-bit color, georeferenced using AutoCAD Raster Design 2012, and then relevant data in the north slope region of Alaska was digitized and attributed using AutoCAD Map 3D 2012.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	U8	30	30

Waterfowl_Dist_USFWS_mds

Name Waterfowl_Dist_USFWS_mds

Contents Waterfowl_Dist_USFWS_rstr

Waterfowl_Dist_USFWS_rstr - RasterDataset

Name Waterfowl_Dist_USFWS_rstr

Format FGDBR

CompressionType LZ77

BandCount 1

Description This coverage contains relative density polygons showing estimated density distribution of waterfowl on the arctic coastal plain of Alaska, 2007-2010. Distributions for individual birds were interpolated from sightings collected on annual aerial surveys from 2007-2010. Survey design was a set of systematic strip transects 400 meters wide running east-west and sampling wetland habitat of the arctic coastal plain. Birds per square kilometer of area searched was calculated for grid cells of 100 square kilometers covering the survey area. A triangulated irregular network was formed from these estimated density points, which was then sampled to a grid with points every 100 meters. The grid was then converted to a polygon coverage portraying 5 density classes based on a natural breaks classification. To create the conglomeration of densities for all seabird species surveyed, the highest density rating at each location was taken. For

example, a combined density class of 5 represents sites where one or more of the species have the highest densities of surveyed birds. A combined density class of 1 represents areas where all species have a density class of 1.

Band Name	Pixel Type	Mean Cell Height	Mean Cell Width
Band_1	S16	30	30

Domains

AnnotationStatus - Domain

DomainName AnnotationStatus
Description Valid annotation state values.
FieldType SmallInteger
Domain Type CodedValue

Code	Name
0	Placed
1	Unplaced

BooleanSymbolValue - Domain

DomainName BooleanSymbolValue
Description Valid values are Yes and No.
FieldType SmallInteger
Domain Type CodedValue

Code	Name
1	Yes
0	No

HorizontalAlignment - Domain

DomainName HorizontalAlignment
Description Valid horizontal symbol alignment values.
FieldType SmallInteger
Domain Type CodedValue

Code	Name
0	Left
1	Center
2	Right
3	Full

MosaicCatalogItemCategoryDomain - Domain

DomainName MosaicCatalogItemCategoryDomain
Description Catalog item categories.
FieldType Integer
Domain Type CodedValue

Code	Name
0	Unknown
1	Primary
2	Overview
3	Unprocessed Overview
4	Partial Overview
253	Uploaded
254	Incomplete
255	Custom

Source Type - Domain

DomainName Source Type
Description Generalization to the best source used for wetland delineation
FieldType String
Domain Type CodedValue

Code	Name
CIR	CIR
TC	TC
BW	BW
UNKNOWN	UNKNOWN
Scalable	Scalable

VerticalAlignment - Domain

DomainName VerticalAlignment
Description Valid symbol vertical alignment values.
FieldType SmallInteger
Domain Type CodedValue

Code	Name
0	Top
1	Center
2	Baseline
3	Bottom

Appendix 1: Metadata

(See separate Appendix document)