Metadata for AKSTHU8X

Table of Contents

Identification Information
  Abstract
  Purpose
  Supplemental Information
Data Quality Information
Spatial Data Organization Information
Entity and Attribute Information
  Detailed Description
  Overview
Distribution Information
Metadata Reference Section

Identification Information

Citation Information
  Originator: Dean Oman
  Publication_Date: 2001
  Title: State and 8 Digit Hydrologic Unit Boundaries for Alaska
  Geospatial_Data_Presentation_Format: Arc/Info
  Publication_Information
    Publication Place: Washington, DC
    Publisher: NRCS
  Other_Citation_Details: NRI Map Room coverage
  Online_Linkage: http://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_013194.zip

Abstract
State and 8 digit hydrologic unit boundaries for Alaska.

Purpose
This coverage is intended as a basemap for national level analysis.

Supplemental Information

Procedures Used
This coverage contains the 8 digit hydrologic unit boundaries for Alaska. The coverage was downloaded by Iowa State University from USGS (http://water.usgs.gov/lookup/getspatial?huc250k). NRCS clipped the coverage to a shoreline created by the National Center for Resource Innovations (NCRI). NCRI derived the shoreline from 1:2,000,000 scale USGS Digital Line Graph (DLG) files. This was joined with state boundaries using UNION. State boundaries where derived from a county coverage using RECLASS. Islands were removed from this coverage to optimize its use for dot density maps.

Revisions
This coverage was last updated in 2001.

Reviews_Applied_to_Data
This coverage has received no formal review.

Related Spatial and Tabular Data Sets
Other NRI Map Room basemap coverages include counties and Federal lands, derived from USGS coverages, and a Major Land Resource Areas (MLRA) coverage derived from the MLRA map in Agricultural Handbook 296. These are intended to have the same shoreline and outer boundaries, although this has not been thoroughly verified.
References_Cited
NRCS National Headquarters, Resources Inventory and Assessment Division.

Notes

Time_Period_of_Content
Currentness_Reference
This coverage was last updated in 2001.

Status
Progress: complete
Maintenance_and_Update_Frequency
as needed

Spatial_Domain
Bounding_Coordinates
West_Bounding_Coordinate: -175.25437721
East_Bounding_Coordinate: -117.38124568
North_Bounding_Coordinate: 67.77918845
South_Bounding_Coordinate: 51.73468806

Keywords
Theme
Theme_Keyword_Thesaurus: None
Theme_Keyword: Hydrologic Units
Place
Place_Keyword_Thesaurus: None
Place_Keyword: Alaska
Stratum
Stratum_Keyword_Thesaurus: None
Stratum_Keyword: 
Temporal
Temporal_Keyword_Thesaurus: None
Temporal_Keyword: 

Access_Constraints
none

Use_Constraints
This coverage is designed for national, regional, and state level analysis.
It may not be appropriate for use at larger scales. This map does not meet National Map Accuracy Standards.

Point_of_Contact: See Distribution Information for contact information.

Data_Set_Credit
USGS
Mark Rogers, ISU, mtrogers@iastate.edu
Dean Oman at dean.oman@wdc.usda.gov
the RIAD staff at nri@wdc.usda.gov
George Muehlbach, NCRI, made the shoreline.

Security Information
Security_Classification_System: None
Security_Classification: UNCLASSIFIED
Security_Handling_Description: None

Native_Data_Set_Environment: SunOS UNIX, ARC/INFO version 7.2.1

Cross_Reference
Originator: Dean Oman
Publication_Date: 2001
Publication_Time:
Title: State and 8 Digit Hydrologic Unit Boundaries for Alaska
Edition:
Geospatial_Data_Presentation_Form: Arc/Info
Series Information
Series Name: 
Issue Identification: 
Publication Information
Publication Place: Washington, DC 
Publisher: NRCS
Other Citation Details: NRI Map Room coverage
Online Linkage: http://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_013194.zip
Larger Work Citation:

Data Quality Information

Attribute Accuracy
Attribute Accuracy Report: See Entity Attribute Information

Quantitative Attribute Accuracy Assessment
Attribute Accuracy Value: See Explanation
Attribute Accuracy Explanation: Attribute accuracy is described, where present, with each attribute defined in the Entity and Attribute Section.

Logical Consistency Report: Polygon topology present.

Completeness Report
complete

Positional Accuracy
Horizontal Positional Accuracy
Horizontal Positional Accuracy Report:

Vertical Positional Accuracy
Vertical Positional Accuracy Report:

Lineage: See Supplemental Information for overview.

Process Steps

Process Step
Process Description: JVRANA DISSOLVE AK AK1A MAJOR1
Source Used Citation Abbreviation: None
Process Date: 19970113
Process Time: 1031
Source Produced Citation Abbreviation: None

Process Step
Process Description: DOMAN COPY AK1A /GIS/ARC/PERMANENT/ST/AKST
Source Used Citation Abbreviation: None
Process Date: 19970205
Process Time: 810
Source Produced Citation Abbreviation: None

Process Step
Process Description: DOMAN INTERSECT AKST AKHU8 AKSTHU8 POLY
Source Used Citation Abbreviation: None
Process Date: 19971014
Process Time: 1508
Source Produced Citation Abbreviation: None

Process Step
Process Description: DOMAN INTERSECT AKST AKHU8 AKSTHU8 POLY
Source Used Citation Abbreviation: None
Process Date: 19971014
Process Time: 1721
Cloud_Cover

Spatial_Data_Organization_Information

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information

SDTS_Terms_Description
- SDTS_Point_and_Vector_Object_Type: Point
  Point_and_Vector_Object_Count: 136
- SDTS_Point_and_Vector_Object_Type: String
  Point_and_Vector_Object_Count: 42644
- SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains'
  Point_and_Vector_Object_Count: 137
**Spatial_Reference_Information**

**Horizontal_Coordinate_System_Definition**

Planar
- Map_Projection_Name: ALBERS
- Longitude_of_Central_Meridian: -154
- Latitude_of_Projection_Origin: 50
- Latitude_of_First_Standard_Parallel: 55
- Latitude_of_Second_Standard_Parallel: 65
- False_Easting: 0.00000
- False_Northing: 0.00000

**Geodetic_Model**
- Horizontal_Datum_Name: Clarke 1866
- Semi-major_Axis: 6,378,206.4
- Denominator_of_Flattening: 294.98

**Entity_and_Attribute_Information**

**Detailed_Description**

**Entity_Type**
- **Entity_Type_Label**: AKSTHU8X.PAT
- **Entity_Type_Definition**: 8 Digit Hydrologic Unit Codes
- **Entity_Type_Definition_Source**: USGS

**Attribute**
- **Attribute_Label**: -
  - **Attribute_Definition**: 8 Digit Hydrologic Unit Codes
  - **Attribute_Definition_Source**: USGS
  - **Attribute_Domain_Values**
    - **Enumerated_Domain**
      - **Enumerated_Domain_Value**: -
        - **Enumerated_Domain_Value_Definition_Source**: 

**Attribute**
- **Attribute_Label**: AREA
  - **Attribute_Definition**: Area of poly/region in square coverage units
  - **Attribute_Definition_Source**: Computed
  - **Attribute_Domain_Values**
    - **Enumerated_Domain**
      - **Enumerated_Domain_Value**: Positive real numbers
        - **Enumerated_Domain_Value_Definition_Source**: 

**Attribute**
- **Attribute_Label**: PERIMETER
  - **Attribute_Definition**: Perimeter of poly/region in coverage units
  - **Attribute_Definition_Source**: Computed
  - **Attribute_Domain_Values**
    - **Enumerated_Domain**
      - **Enumerated_Domain_Value**: Positive real numbers
        - **Enumerated_Domain_Value_Definition_Source**: 

**Attribute**
- **Attribute_Label**: AKSTHU8X#
  - **Attribute_Definition**: Internal feature number
  - **Attribute_Definition_Source**: Computed
  - **Attribute_Domain_Values**
    - **Enumerated_Domain**
      - **Enumerated_Domain_Value**: Sequential unique positive integer
        - **Enumerated_Domain_Value_Definition_Source**: 

**Attribute**
- **Attribute_Label**: AKSTHU8X-ID
  - **Attribute_Definition**: User-assigned feature number
  - **Attribute_Definition_Source**: User-defined
Overview Description
Entity and Attribute Overview
Attributes include 8 digit and 6 digit hydrologic unit codes.

Entity and Attribute Detail Citation: Not Available

Distribution Information

Metadata Reference Section
Metadata Date: 19020107
Metadata Contact:
Metadata Standard Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata Standard Version: 19940608
Metadata Time Convention: Local Time
Metadata Security Information:
  Metadata Security Classification System: None
  Metadata Security Classification: UNCLASSIFIED
  Metadata Security Handling Description: None

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