

Alaska Wildland Fire Coordinating Group (AWFCG)

GIS Data Layer Standard

Status:	<input type="checkbox"/> Draft <input type="checkbox"/> Proposal <input checked="" type="checkbox"/> X Approved	Date:	3/29/2012
Section 1: Data Standard Information			
1. Layer Name:	Site Specific Protection Designations		
2. Layer Abbreviation:	None		
3. Layer Description:	Protection level and data collection information for sites.		
4. References:	Alaska Interagency Fire Management Plan; 1998, 2010		
5. Data Stewardship Group:	AWFCG GIS Committee		
6. Data Steward:	Alaska Fire Service GIS Coordinator		
7. System of Record:			
8. Custodian:	Alaska Fire Service		
Section 2: GIS Data Layer Specifications			
<i>This section identifies the geospatial criteria for the data files associated with this data layer.</i>			
1. File Information			
A. Layer File Type	Open GIS Consortium Compliant (for example: Shapefile or Geodatabase)		
B. Projection Parameters	Include projection information with dataset following FGDC Standards Reference Model, 4.1.2.1		
C. Feature Type (Check C	<input type="checkbox"/> Grid	<input checked="" type="checkbox"/> X Point	<input type="checkbox"/> Line <input type="checkbox"/> Polygon <input type="checkbox"/> Raster
2. Standard Horizontal Coordinate System Definition for Layer (Check One)			
<input type="checkbox"/> X Geographic	<input type="checkbox"/> Planar	Any Horizontal Coordinate System and Datum is allowed, but must be clearly defined with all necessary parameters	
A. Geographic			
Coordinate Units	<input type="checkbox"/> Latitude/Longitude		
	<input type="checkbox"/> X Decimal Degrees	<input type="checkbox"/> Decimal Minutes	<input type="checkbox"/> Decimal seconds
	<input type="checkbox"/> Degrees and decimal minutes	<input type="checkbox"/> Degrees, minutes, and decimal seconds	<input type="checkbox"/> Grads <input type="checkbox"/> Radians
B. Planar			
1. Map projection Name:			
2. Grid Coordinate System Name:			
C. Horizontal Datum Name: <input type="checkbox"/> North American Datum 1927 <input checked="" type="checkbox"/> X North American Datum 1983 <input type="checkbox"/> Other			
3. Target Map Scale <input type="checkbox"/> N/A <input type="checkbox"/> 1:24,000 <input type="checkbox"/> 1:63,000 (AK) <input type="checkbox"/> Other			

Section 3: Business Data Specifications:

This section identifies the business data that is needed for the GIS data layer.

Data Element Name	Abbreviation	Description	Required	Length	Data Type	Example/List of Standard Values	Data Standard Reference
Global Unique Identifier	GL_UNIQUE_ID	A Unique Identifier used by custodian to reference all sites with geographic information and differentiate data from alternate sources.	Yes	25	String	AK_BTL_A3_0005	
Land Manager Unique identifier	UNIQUE_ID	A unique Identifier used by the Land Manager or Management Contact to reference the site in agency-specific databases.	Yes	25	String	COCR-STR-023	
Protection Level	PROT	The protection level assigned to the structure/site.	YES	25	String	Critical Full Avoid Non-Sensitive Unknown	
Management Contact	MGMT_CONT	The agency/entity responsible for determining the protection level for the structure/site.	YES	50	String	BIA BLM Military NPS Regional Corporation State USFS USFWS Village Corporation	
Latitude	LATITUDE	Lattitude in decimal degrees	Yes		Numeric floating point	60.12345	NWCG: Latitude
Longitude	LONGITUDE	Longitude in decimal degrees.	Yes		Numeric floating point	-150.12345	NWCG Longitude
Data Collector	COLLECTOR	The agency/entity that collected the data on the structure/site	Yes	50	String	AFS BIA BLM Borough Military NPS Regional Corporation State-DFG State-DNR USFS USFWS Village Corporation	
Collection Method	COL_METH	Describes point collection method: GPS or on-screen digitization	Yes	25	String	GPS-Ground GPS-Air GPS- Unknown Method Digitized from 250K Digitized from 100K Digitized from 63K Digitized from 24K Collected from Imagery Unknown	
Confidential	CONFIDENTIAL	Designates whether or not the site is confidential.	Yes	4	String	True or Empty	

Structure	STRUCTURE	Designates whether or not the site has a structure	Yes	4	String	True or Empty	
Equipment	EQUIPMENT	Designates whether or not the site has equipment	Yes	4	String	True or Empty	
Historical	HISTORICAL	Designates whether or not the site is historical in nature.	Yes	4	String	True or Empty	
Other	Other	Used when no other classification fits.	Yes	4	String	True or Empty	
Site Description	SITE_DESC	More detailed information about the site.	No	255	String	Jatahmund Lake RAWS	
Entered By	ENTEREDBY	Person entering site information.	No	50	String		
Update Time	UPDATETIME	Date of data entry (either adding or modifying)	Yes	36	Date	10/12/2007 13:47	