Resource Base Location

Abbreviation or Acronym: Resource Base Location

Data Exchange Name: ResourceBaseLocation

Also Known As: N/A

Description: Points depicting locations at which a given resource base exists, originates, or is dispatched from (home location) as defined in the specific layer description. Standard may be adapted for use with many types of resource base locations.

Background: This is a widely used dataset with no previously established standards

Abstract: Descriptor of a given resource base location

Purpose: The need to define an authoritative spatial data layer depicting Resource Base Locations. Clearly define the location at which a resource base exists, originates, or is dispatched from (home location) as defined in the specific layer description. Resources Base Locations may include, but are not limited to the following: Airtanker bases, Helibases, Hotshot Teams, Smokejumper Bases, Rappeller Bases, Equipment Caches, etc.

Data Model: Point shapefile or Geodatabase point feature class.

Other Notes: The intent is to provide a standard minimum framework by which similar data layers are to be populated and applied to multiple subjects

Related Layers: Resources Base Locations may include, but are not limited to, the following: Airtanker bases, Helibases, Hotshot Teams, Smokejumper Bases, Rappeller Bases, Equipment Caches, etc.

Steward: NWCG Geospatial Subcommittee

Version: 1

Horizontal and/or Vertical Positional Accuracy: Standards for horizontal and vertical accuracies are detailed in Geospatial Positioning Accuracy Standards; Part 3: National Standard for Spatial Data Accuracy (NSSDA), http://www.fgdc.gov/standards/projects/FGDC-

standards-projects/accuracy/part3/chapter3. Accuracy is reported by feature in meters at the 95% confidence level listed in the HAccuracy and/or VAccuracy fields. Accuracy reported at the 95% confidence level means that 95% of the positions in the feature will have an error with respect to true ground position that is equal to or smaller than the reported accuracy value.

Horizontal and/or Vertical Spatial Reference Information: Data layer projection parameters should be documented in a .prj file (shapefile format) or in a geodatabase projection definition. Or, specify the projection parameters via an EPSG code (example EPSG code 4326 = WGS84), http://www.epsg-registry.org . Projection parameters file should include applicable attributes as specified in the FGDC Standards Reference Model, 4.1.2.1.23.

Sensitivity Level: Undefined

Geospatial Data Layer Standard Attributes & Attribute Definitions

Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
GeometryID	Geometry_ID GIS_ID Spa_ID	Yes	String	50	Primary key for linking geospatial objects with other database systems. **Required for every feature.** This field may be renamed for each standard to fit the feature.	Globally Unique Identifier (GUID). **	
DateCurrent	DateCrnt EditDate	Yes	Date		The last edit, update, of this GIS record. Example: mm/dd/yyyy		Date
Name	Resource ResourceName BaseName	Yes	String	254	Name of resource base. Example: Baker River Hotshots		
Kind	BaseKind ResourceKind	Yes	String	128	Kind of resource base. Example: Personnel	Personnel, Equipment, Services, Supplies, Aircraft	
Type	BaseType ResourceType	Yes	String	128	Type of resource base. Example: Hotshot Crew	Tanker Base, SEAT Base, Rappel Base, Helibase, Cache, add entries as needed	
GACCName		Yes	String	75	Full Geographic Area Command Center name from which dispatches the resources from the base.	Alaska Interagency Coordination Center; Eastern Area Coordination Center; Great Basin Coordination Center; Northern California Geographic Area	Geographic Area Coordination Center (GACC) Code & Name

Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
						Coordination Center; Southern California Geographic Area Coordination Center; Northern Rockies Coordination Center; Northwest Interagency Coordination Center; Rocky Mountain Area Coordination Center; Southern Area Coordination Center; Southwest Coordination Center	
MapMethod	Map_Method MapMeth	Yes	String	25	Controlled vocabulary to define how the geospatial feature was derived. Map method may help define data quality.	GPS-Driven; GPS-Flight; GPS-Walked; GPS-Walked/ Driven; GPS-Unknown Travel Method; Hand Sketch; Digitized-Image; Digitized-Topo; Digitized-Other; Image Interpretation; Infrared Image; Modeled; Mixed Methods; Remote Sensing Derived; Survey/GCDB/Cadastral; Vector; Other	
Latitude_DD		Yes	Double		Latitude in decimal degrees. Should be calculated if not available. Location within CONUS or Alaska is assumed. Example: DD.DDDDD		

Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
Longitude_DD		Yes	Double		Longitude in decimal degrees. Should be calculated if not available. Negative sign is not necessary. Location within CONUS or Alaska is assumed. Example: DDD.DDDDD		
Comments	Notes GIS_Note	No, but recommended	String	255	Additional information describing the feature.	Free text	
StreetAddress	Address BaseAddress PhysicalAddress	Yes	String	50	Street address where resource base is physically located. Example: 620 N Ford Ave		
City	BaseCity PhysicalCity	Yes	String	50	City where resource base is physically located. Example: River City		
State	BaseState PhysicalState	Yes	String	2	State, commonwealth, or territory where resource base is physically located. Two character state abbreviation. Example: WA	Alabama - AL Alaska - AK Arizona - AZ Arkansas - AR California - CA Colorado - CO Connecticut - CT Delaware - DE Florida - FL Georgia - GA Hawaii - HI Idaho - ID Illinois - IL Indiana - IN Iowa - IA Kansas - KS Kentucky - KY Louisiana - LA	

Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
						Maine - ME Maryland - MD Massachusetts - MA Michigan - MI Minnesota - MN Mississippi - MS Missouri - MO Montana - MT Nebraska - NE Nevada - NV New Hampshire - NH New Jersey - NJ New Mexico - NM New York - NY North Carolina - NC North Dakota - ND Ohio - OH Oklahoma - OK Oregon - OR Pennsylvania - PA Rhode Island - RI South Carolina - SC South Dakota - SD Tennessee - TN Texas - TX Utah - UT Vermont - VT Virginia - VA Washington - WA West Virginia - WV Wisconsin - WI Wyoming - WY American Samoa - AS District of Columbia - DC Federated States of	

Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
						Micronesia - FM Guam - GU Marshall Islands - MH Northern Mariana Islands - MP Palau - PW Puerto Rico - PR Virgin Islands - VI	

*Standard field names should be used for the core attributes when possible. Alternate field name suggestions are given to accommodate database conflicts and legacy datasets. Alternate name use should be documented in the Other Notes section above.

** GUIDs are unique specially formatted numeric strings generated by a “GUID generation tool.” GUIDs can be generated at http://www.guidgenerator.com/