

NWCG Geospatial Data Standard Metadata Definitions and Values

National Geographic Area Coordination Center Boundary (polygon)

Abbreviation or Acronym: GACC Boundary

Data Exchange Name: GACCBoundary

Also Known As: N/A

Description: Geographic boundary polygons depicting administrative areas of Geographic Area Coordination Centers (GACCs). GACCs are the largest subdivision within the National Interagency Coordination Center (NICC) tiered dispatch system. GACCs provide logistical coordination of emergency management resources within their boundaries and with other GACCs. GACC Boundaries are further subdivided into Local Dispatch Areas.

Background: Previously established standards exist, but need updates to ensure consistency between related datasets.

Abstract: Descriptor of the Geographic Area Coordination Center Boundary

Purpose: The need to define an authoritative spatial dataset depicting Geographic Area Coordination Center (GACC) Boundaries. Clearly define area in which resources are being managed.

Data Model: Polygon Shapefile or Geodatabase point feature class. Standard GIS topology is enforced. Polygon features should be free from slivers, gaps, and overlaps. GACCs cannot overlap – one area on the ground has one and only one GACC.

Other Notes: The intent is not to redefine GACC Boundaries, but to provide a standard by which the data layer is to be populated.

Related Layers: National Dispatch Center Office, National Dispatch Boundary, Initial Attack Frequency Zone (state and federal)

Steward: Geospatial Subcommittee

Version: 2

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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: Unknown



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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). **	
GACCName		Yes	Text	75	Full Geographic Area Coordination Center Name in which Dispatch Center exists.	Alaska Interagency Coordination Center; Eastern Area Coordination Center; Great Basin Coordination Center; Northern California Geographic Area 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	Geographic Area Coordination Center (GACC) Code & Name

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Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
GACCUnitID	GA_UnitID	Yes	Text	8	NWCG (National Wildfire Coordinating Group) Unit Identifier for GACC Boundary in which Dispatch Center exists.	USAKACC; USWIEACC; USUTGBC; USCAONCC; USCAOSCC; USMTNRC; USORNWC; USCORMC; USGASAC; USNMSWC	Unit Identifier
GACCAbbreviation	GA_CODE	Yes	Text	4	Abbreviation code for Geographic Area Coordination Center	AICC; EACC; GBCC; ONCC; OSCC; NRCC; NWCC;	Geographic Area
DispLocation	Location	Yes	Text	50	City and State where Geographic Area Coordination Center exists.	Example: Albuquerque, NM	
Comments	NotesGIS_Note	No, but recommended	String	255	describing the feature.	Free text	
DateCurrent	DateCrntEditDate	Yes	Date		The last edit, update, of this GIS record. Date should follow the assigned NWCG Date Time data standard, using 24 hour clock, YYYY-MM-DD-hh.mm.ssZ, ISO8601 Standard.	Example: 2014-06-23-15.30.00Z	Date Time (Assigned)

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Standard Name*	Alternate Name	Required?	Data Type	Size/ Width	Description	Values	Related NWCG Standard
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	

*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/>