

DLG-F DATA DICTIONARY

HYDROGRAPHY

Information Technology Outreach Services
University of Georgia
March 12, 1999

DLG-F Feature: Area of Complex Channels

Definition: An area where a stream or river flows in an intricate network of interlacing channels.

Feature Classes: Area

Coverage Name: HY_POLY

Attribute Table: HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the corresponding hydrologic feature.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Artificial Path

Definition: An artificial transport path through an open water body that provides connectivity for stream networking.

Feature Classes: Line

Coverage Name: HY_LINE

Attribute Table: HY_LINE.AAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Canal/Ditch Lake/Pond Reservoir Stream/River Swamp/Marsh	The type of 2-D feature through which the artificial path flows.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the corresponding 2-D feature.
Class	CLASS	Character 10	Major Minor	Major = stream is part of the RF1 database. Minor = stream is not part of the RF1 database.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Canal/Ditch

Definition: An artificial open waterway constructed to transport water, to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft.

Feature Classes: Line
Area

Coverage Name: HY_LINE
HY_POLY

Attribute Table: HY_LINE.AAT
HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Aqueduct Unspecified	Aqueduct Unspecified
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the corresponding hydrologic feature.
Class	CLASS	Character 10	Major Minor	Major = stream is part of the RF1 database. Minor = stream is not part of the RF1 database.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Closure

Definition: An artificial line segment used to close polygon features where no natural shoreline occurs. Necessary for maintaining polygon topology.

Feature Classes: Line

Coverage Name: HY_POLY

Attribute Table: HY_POLY.AAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Connector

Definition: A known, but nonspecific, connection between two nonadjacent network segments.

Feature Classes: Line

Coverage Name: HY_LINE

Attribute Table: HY_LINE.AAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Class	CLASS	Character 10	Major Minor	Major = stream is part of the RF1 database. Minor = stream is not part of the RF1 database.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Lake/Pond

Definition: A standing body of water with a predominately natural shoreline surrounded by land.

Feature Classes: Area

Coverage Name: HY_POLY

Attribute Table: HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the lake or pond.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Pipeline

Definition: A closed conduit, with pumps, valves and control devices, for conveying fluids, gases, or finely divided solids.

Feature Classes: Line

Coverage Name: HY_LINE

Attribute Table: HY_LINE.AAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Aqueduct General Case Penstock Siphon	Aqueduct General Case Penstock Siphon
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the corresponding hydrologic feature.
Class	CLASS	Character 10	Major Minor	Major = stream is part of the RF1 database. Minor = stream is not part of the RF1 database.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Reservoir

Definition: A constructed basin formed to contain water or other liquids.

Feature Classes: Area

Coverage Name: HY_POLY

Attribute Table: HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the reservoir.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Sea/Ocean

Definition: The great body of salt water that covers much of the Earth.

Feature Classes: Area

Coverage Name: HY_POLY

Attribute Table: HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the reservoir.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Shoreline

Definition: A naturally occurring line of contact between a body of water and the land.

Feature Classes: Line

Coverage Name: HY_POLY

Attribute Table: HY_POLY.AAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Canal/Ditch Lake/Pond Reservoir Swamp/Marsh Stream/River Sea/Ocean	Canal/Ditch = shoreline of a canal or ditch (for canals depicted as area features). Lake/Pond = shoreline of a lake or pond. Reservoir = shoreline of a reservoir. Swamp/Marsh = shoreline of a swamp or marsh. Stream/River = shoreline of a stream or river (for rivers depicted as area features). Sea/Ocean = shoreline of a sea or ocean. <i>See note below table.</i>
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

Note: Where a shoreline occurs between two different area features, the feature type will be assigned using the following order of precedence: Sea/Ocean, Lake/Pond, Reservoir, Stream/River, Canal/Ditch, and Swamp/Marsh.

DLG-F Feature: Stream/River

Definition: A body of flowing water.

Feature Classes: Line
Area

Coverage Name: HY_LINE
HY_POLY

Attribute Table: HY_LINE.AAT
HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Intermittent Perennial Estuarine	Intermittent = stream classified as intermittent on USGS 7.5-minute quadrangle map. Perennial = stream classified as perennial on USGS 7.5-minute quadrangle map. Estuarine = stream classified as estuarine in FWS National Wetlands Inventory
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the corresponding hydrologic feature.
Stream Class	CLASS	Character 10	Major Minor	Major = stream is part of the RF1 database. Minor = stream is not part of the RF1 database.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.

DLG-F Feature: Swamp/Marsh

Definition: A non-cultivated, vegetated, area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions.

Feature Classes: Area

Coverage Name: HY_POLY

Attribute Table: HY_POLY.PAT

DLG-F Attribute	Arc/Info Item	Data Type	Attribute Domain	Definition
Feature	FEATURE	Character 25	Alphanumeric	The name of the DLG-F feature.
Feature ID	FEATURE_ID	Character 10	Alphanumeric	Unique permanent feature ID.
Feature Type	FEATURE_TYPE	Character 25	Estuarine	Estuarine = swamp/marsh classified as estuarine in FWS National Wetlands Inventory
State FIPS Code	STATE_FIPS	Character 2	2-digit integer	FIPS code of the state containing the feature.
County FIPS Code	COUNTY_FIPS	Character 3	3-digit integer	FIPS code of the county containing the feature.
Hydrologic Unit Code	HUC	Character 8	8-digit integer	The 8-digit hydrologic unit code (HUC) of the basin containing the feature.
Name	NAME	Character 32	Alphanumeric	The place name of the lake or pond.
Source	SOURCE	Character 32	Alphanumeric	Source data from which the feature was captured.
Editor	EDITOR	Character 32	Alphanumeric	Entity that performed feature updates.
Source Date	SOURCE_DATE	Date	Date	Date of the source data.
Feature Modification Date	FEAT_MOD_DATE	Date	Date	Date when feature was last updated.