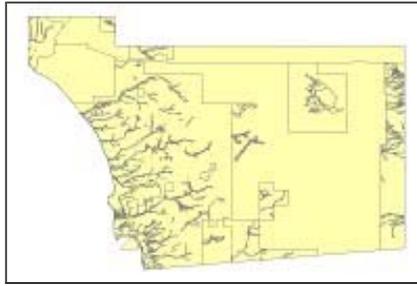


SANGIS.HYD_FLOODPL

SDE Feature Class



Tags

hydrology, environment, inlandWaters, structure, transportation, elevation, DFIRM, FIRM, FEMA Flood Hazard Zone, DFIRM Database, Special Flood Hazard Area, Digital Flood Insurance Rate Map, CBRS, Coastal Barrier Resources System, Riverine Flooding, Coastal Flooding, NFIP, Base Flood Elevation, SFHA, Flood Insurance Rate Map, Floodway, FEMA-CID 06073C

Summary

The FIRM is the basis for floodplain management, mitigation, and insurance activities for the National Flood Insurance Program (NFIP). Insurance applications include enforcement of the mandatory purchase requirement of the Flood Disaster Protection Act, which... requires the purchase of flood insurance by property owners who are being assisted by Federal programs or by Federally supervised, regulated or insured agencies or institutions in the acquisition or improvement of land facilities located or to be located in identified areas having special flood hazards," Section 2 (b) (4) of the Flood Disaster Protection Act of 1973. In addition to the identification of Special Flood Hazard Areas (SFHAs), the risk zones shown on the FIRMs are the basis for the establishment of premium rates for flood coverage offered through the NFIP. The DFIRM Database presents the flood risk information depicted on the FIRM in a digital format suitable for use in electronic mapping applications. The DFIRM database is a subset of the Digital FIS database that serves to archive the information collected during the FIS.

Description

Published 05/16/2012, Revised (FLOODPLAI attributes added) 6/4/2012

The Digital Flood Insurance Rate Map (DFIRM) Database depicts flood risk information and supporting data used to develop the risk data. The primary risk classifications used are the 1-percent-annual-chance flood event (1-percent-annual-chance equates to 100-year), the 0.2-percent-annual-chance flood event (0.2-percent-annual-chance equates to 500-year), and areas of minimal flood risk. The DFIRM Database is derived from Flood Insurance Studies (FISs), previously published Flood Insurance Rate Maps (FIRMs), flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available. The FISs and FIRMs are published by the Federal Emergency Management Agency (FEMA). The file is georeferenced to earth's surface using the UTM projection and coordinate system. The specifications for the horizontal control of DFIRM data files are consistent with those required for mapping at a scale of 1:12000.

This layer is derived from FEMA Digital Flood Insurance Rate Map (DFIRM) Unincorporated and Incorporated Areas 05/16/2012 with the additional LUEG-GIS and Flood Control derived attribute FLOODPLAI where:

FP500 (500-year floodplain, 0.2-percent-annual-chance flood event) where:

FLD_ZONE = '0.2 PCT ANNUAL CHANCE FLOOD HAZARD'

FP100 (100-year floodplain, 1-percent-annual-chance flood event) where:

FLD_ZONE = 'A' OR

FLD_ZONE = 'A99' OR

FLD_ZONE = 'AE' OR

FLD_ZONE = 'AH' OR

FLD_ZONE = 'AO' OR

FLD_ZONE = 'VE'

FW100 (100-year floodway) where:

"FLD_ZONE" = 'AE' AND "FLOODWAY" = 'FLOODWAY'

Empty Attribute where:

FLD_ZONE = 'X'

FLD_ZONE = 'D'

Credits

Federal Emergency Management Agency, County of San Diego.

Use limitations

Acknowledgement of FEMA would be appreciated in products derived from these data.

Extent

West	-117.597986	East	-116.080156
North	33.511553	South	32.530122

Scale Range

There is no scale range for this item.

ArcGIS Metadata ▼

FGDC Metadata (read-only) ►

Identification ►

CITATION

CITATION INFORMATION

ORIGINATOR Federal Emergency Management Agency

PUBLICATION DATE May 2012

TITLE

SANGIS.HYD_FLOODPL

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Washington, DC

PUBLISHER Federal Emergency Management Agency

ONLINE LINKAGE Server=192.168.3.138; Service=5150; User=pgodden;

Version=SDE.DEFAULT

LARGER WORK CITATION

CITATION INFORMATION

PUBLICATION DATE 2009-09-25

GEOSPATIAL DATA PRESENTATION FORM FEMA-DFIRM-Final
 ONLINE LINKAGE <http://www.msc.fema.gov>

DESCRIPTION

ABSTRACT

Published 05/16/2012, Revised (FLOODPLAI attributes added) 6/4/2012 The Digital Flood Insurance Rate Map (DFIRM) Database depicts flood risk information and supporting data used to develop the risk data. The primary risk classifications used are the 1-percent-annual-chance flood event (1-percent-annual-chance equates to 100-year), the 0.2-percent-annual-chance flood event (0.2-percent-annual-chance equates to 500-year), and areas of minimal flood risk. The DFIRM Database is derived from Flood Insurance Studies (FISs), previously published Flood Insurance Rate Maps (FIRMs), flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available. The FISs and FIRMs are published by the Federal Emergency Management Agency (FEMA). The file is georeferenced to earth's surface using the UTM projection and coordinate system. The specifications for the horizontal control of DFIRM data files are consistent with those required for mapping at a scale of 1:12000. This layer is derived from FEMA Digital Flood Insurance Rate Map (DFIRM) Unincorporated and Incorporated Areas 05/16/2012 with the additional LUEG-GIS and Flood Control derived attribute FLOODPLAI where:FP500 (500-year floodplain), 0.2-percent-annual-chance flood event) where:FLD_ZONE = '0.2 PCT ANNUAL CHANCE FLOOD HAZARD' FP100 (100-year floodplain, 1-percent-annual-chance flood event) where:FLD_ZONE = 'A' OR FLD_ZONE = 'A99' OR FLD_ZONE = 'AE' OR FLD_ZONE = 'AH' OR FLD_ZONE = 'AO' OR FLD_ZONE = 'VE' FW100 (100-year floodway) where:"FLD_ZONE" = 'AE' AND "FLOODWAY" = 'FLOODWAY' Empty Attribute where:FLD_ZONE = 'X' FLD_ZONE = 'D'

PURPOSE

The FIRM is the basis for floodplain management, mitigation, and insurance activities for the National Flood Insurance Program (NFIP). Insurance applications include enforcement of the mandatory purchase requirement of the Flood Disaster Protection Act, which..." requires the purchase of flood insurance by property owners who are being assisted by Federal programs or by Federally supervised, regulated or insured agencies or institutions in the acquisition or improvement of land facilities located or to be located in identified areas having special flood hazards," Section 2 (b) (4) of the Flood Disaster Protection Act of 1973. In addition to the identification of Special Flood Hazard Areas (SFHAs), the risk zones shown on the FIRMs are the basis for the establishment of premium rates for flood coverage offered through the NFIP.

The DFIRM Database presents the flood risk information depicted on the FIRM in a digital format suitable for use in electronic mapping applications. The DFIRM database is a subset of the Digital FIS database that serves to archive the information collected during the FIS.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2009-09-25

CURRENTNESS REFERENCE

Available effective DFIRMs and LOMRs issued against those DFIRMs.

STATUS

PROGRESS In work

MAINTENANCE AND UPDATE FREQUENCY Monthly

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -117.600917
 EAST BOUNDING COORDINATE -116.078784
 NORTH BOUNDING COORDINATE 33.511459
 SOUTH BOUNDING COORDINATE 32.530069

KEYWORDS

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category
 THEME KEYWORD hydrology
 THEME KEYWORD environment
 THEME KEYWORD inlandWaters
 THEME KEYWORD structure
 THEME KEYWORD transportation
 THEME KEYWORD elevation

THEME

THEME KEYWORD THESAURUS FEMA NFIP Topic Category
 THEME KEYWORD DFIRM
 THEME KEYWORD FIRM
 THEME KEYWORD FEMA Flood Hazard Zone
 THEME KEYWORD DFIRM Database
 THEME KEYWORD Special Flood Hazard Area
 THEME KEYWORD Digital Flood Insurance Rate Map
 THEME KEYWORD CBRS
 THEME KEYWORD Coastal Barrier Resources System
 THEME KEYWORD Riverine Flooding
 THEME KEYWORD Coastal Flooding
 THEME KEYWORD NFIP
 THEME KEYWORD Base Flood Elevation
 THEME KEYWORD SFHA
 THEME KEYWORD Flood Insurance Rate Map
 THEME KEYWORD Floodway

PLACE

PLACE KEYWORD THESAURUS None
 PLACE KEYWORD Alabama
 PLACE KEYWORD Alaska
 PLACE KEYWORD American Samoa
 PLACE KEYWORD Arizona
 PLACE KEYWORD Arkansas
 PLACE KEYWORD California
 PLACE KEYWORD Colorado
 PLACE KEYWORD Connecticut
 PLACE KEYWORD Delaware
 PLACE KEYWORD District of Columbia
 PLACE KEYWORD Federated State of Micronesia
 PLACE KEYWORD Florida
 PLACE KEYWORD Georgia
 PLACE KEYWORD Guam
 PLACE KEYWORD Hawaii
 PLACE KEYWORD Idaho
 PLACE KEYWORD Illinois
 PLACE KEYWORD Indiana
 PLACE KEYWORD Iowa
 PLACE KEYWORD Kansas
 PLACE KEYWORD Kentucky
 PLACE KEYWORD Louisiana

PLACE KEYWORD Maine
PLACE KEYWORD Marshall Islands
PLACE KEYWORD Maryland
PLACE KEYWORD Massachusetts
PLACE KEYWORD Michigan
PLACE KEYWORD Minnesota
PLACE KEYWORD Mississippi
PLACE KEYWORD Missouri
PLACE KEYWORD Montana
PLACE KEYWORD Nebraska
PLACE KEYWORD Nevada
PLACE KEYWORD New Hampshire
PLACE KEYWORD New Jersey
PLACE KEYWORD New Mexico
PLACE KEYWORD New York
PLACE KEYWORD North Carolina
PLACE KEYWORD North Dakota
PLACE KEYWORD Northern Marianna Islands
PLACE KEYWORD Ohio
PLACE KEYWORD Oklahoma
PLACE KEYWORD Oregon
PLACE KEYWORD Palau
PLACE KEYWORD Pennsylvania
PLACE KEYWORD Puerto Rico
PLACE KEYWORD Rhode Island
PLACE KEYWORD South Carolina
PLACE KEYWORD South Dakota
PLACE KEYWORD Tennessee
PLACE KEYWORD Texas
PLACE KEYWORD Utah
PLACE KEYWORD Vermont
PLACE KEYWORD Virgin Islands
PLACE KEYWORD Virginia
PLACE KEYWORD Washington
PLACE KEYWORD West Virginia
PLACE KEYWORD Wyoming

STRATUM

STRATUM KEYWORD Wisconsin

ACCESS CONSTRAINTS

None

USE CONSTRAINTS

Acknowledgement of FEMA would be appreciated in products derived from these data.

POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Federal Emergency Management Agency

CONTACT ADDRESS

ADDRESS TYPE mailing address

ADDRESS 500 C Street, S.W.

CITY Washington

STATE OR PROVINCE District of Columbia

POSTAL CODE 20472

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 1-877-FEMA-MAP
CONTACT ELECTRONIC MAIL ADDRESS fema-mscservice@dhs.gov

NATIVE DATA SET ENVIRONMENT
Microsoft Windows Vista Version 6.1 (Build 7600) ; ESRI ArcCatalog 9.3.1.4000

Hide Identification ▲

Data Quality ►

ATTRIBUTE ACCURACY

ATTRIBUTE ACCURACY REPORT

The National Flood Hazard Layer (NFHL) data incorporates all Digital Flood Insurance Rate Map (DFIRM) databases published by FEMA, and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The DFIRM Database consists of community based vector files and associated attributes produced in conjunction with the hard copy FEMA FIRM. The published effective FIRM and DFIRM maps are issued as the official designation of the Special Flood Hazard Areas (SFHAs). As such they are adopted by local communities and form the basis for administration of the National Flood Insurance Program (NFIP). For these purposes they are authoritative. Provisions exist in the regulations for public review, appeals and corrections of the flood risk information shown to better match real world conditions. As with any engineering analysis of this type, variation from the estimated flood heights and floodplain boundaries is possible. Details of FEMA's requirements for the FISs and flood mapping process that produces these data are available in the Guidelines and Specifications for Flood Hazard Mapping Partners. Attribute accuracy was tested by manual comparison of source graphics with hardcopy plots and a symbolized display on an interactive computer graphic system. Independent quality control testing of FEMA's DFIRM databases was also performed. To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the FIS report that accompanies the individual components of the DFIRM data. Users should be aware that BFEs shown in the S_BFE table represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report must be used in conjunction with the FIRM for purposes of construction and/or floodplain management. The 1-percent-annual-chance water-surface elevations shown in the S_XS table match the regulatory elevations shown in the FIS report.

LOGICAL CONSISTENCY REPORT

When FEMA revises an FIS, adjacent studies are checked to ensure agreement between flood elevations at the boundaries. Likewise flood elevations at the confluence of streams studied independently are checked to ensure agreement at the confluence. The FIRM and the FIS are developed together and care is taken to ensure that the elevations and other features shown on the flood profiles in the FIS agree with the information shown on the FIRM. However, the elevations as shown on the FIRM are rounded whole-foot elevations. They must be shown so that a profile recreated from the elevations on the FIRM will match the FIS profiles within one half of one foot.

COMPLETENESS REPORT

Information contained in the National Flood Hazard Layer data reflects the content of the source materials. Features may have been eliminated or generalized on the source graphic, due to scale and legibility constraints. With new mapping, FEMA plans to maintain full detail in the spatial data it produces. However, older information is often transferred from existing maps where some generalization has taken place. Flood risk data are developed for communities participating in the NFIP for use in insurance rating

and for floodplain management. Flood hazard areas are determined using statistical analyses of records of river flow, storm tides, and rainfall; information obtained through consultation with the communities; floodplain topographic surveys; and hydrological and hydraulic analysis. Both detailed and approximate analyses are employed. Generally, detailed analyses are used to generate flood risk data only for developed or developing areas of communities. For areas where little or no development is expected to occur, FEMA uses approximate analyses to generate flood risk data. Typically, only drainage areas that are greater than one square mile are studied. The National Flood Hazard Layer data reflects the most current information available when the distribution data set was created.

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY REPORT

The National Flood Hazard Layer data consists of community based vector files and associated attributes produced in conjunction with the hardcopy FEMA FIRM. The published effective FIRM and DFIRM maps are issued as the official designation of the SFHAs. As such they are adopted by local communities and form the basis for administration of the NFIP. For these purposes they are authoritative. Provisions exist in the regulations for public review, appeals and corrections of the flood risk information shown to better match real world conditions. As with any engineering analysis of this type, variation from the estimated flood heights and floodplain boundaries is possible. Details of FEMA's requirements for the FISs and flood mapping process that produces these data are available in the Guidelines and Specifications for Flood Hazard Mapping Partners. Horizontal accuracy was tested by manual comparison of source graphics with hardcopy plots and a symbolized display on an interactive computer graphic system. Independent quality control testing of the individual DFIRM data sets was also performed.

VERTICAL POSITIONAL ACCURACY

VERTICAL POSITIONAL ACCURACY REPORT

The National Flood Hazard Layer data consists of community based vector files and associated attributes produced in conjunction with the hardcopy FEMA FIRM. The published effective FIRM and DFIRM maps are issued as the official designation of the SFHAs. As such they are adopted by local communities and form the basis for administration of the NFIP. For these purposes they are authoritative. Provisions exist in the regulations for public review, appeals and corrections of the flood risk information shown to better match real world conditions. As with any engineering analysis of this type, variation from the estimated flood heights and floodplain boundaries is possible. Details of FEMA's requirements for the FISs and flood mapping process that produces these data are available in the Guidelines and Specifications for Flood Hazard Mapping Partners. Vertical accuracy was tested by manual comparison of source graphics with hardcopy plots and a symbolized display on an interactive computer graphic system. Independent quality control testing of the individual DFIRM data sets was also performed.

LINEAGE

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

PROCESS DATE 2010-02-25

PROCESS TIME 14:45:28

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

SOURCE USED CITATION ABBREVIATION

PROCESS DATE 2010-08-18
 PROCESS TIME 09:26:46

PROCESS STEP

PROCESS DESCRIPTION
 Dataset copied.

SOURCE USED CITATION ABBREVIATION

E:\SDEUpdates\Flood\Data from FEMA_092009\HYD_FLOODPL_2009_Project
 PROCESS DATE 2010-08-18
 PROCESS TIME 09:33:23

PROCESS STEP

PROCESS DESCRIPTION
 Dataset copied.

SOURCE USED CITATION ABBREVIATION

Server=sangis; Service=5150; User=sangis; Version=SDE.DEFAULT
 PROCESS DATE 2011-03-21
 PROCESS TIME 11:17:52

PROCESS STEP

PROCESS DESCRIPTION
 Dataset copied.

SOURCE USED CITATION ABBREVIATION

PROCESS DATE 2011-03-21
 PROCESS TIME 15:53:08

Hide Data Quality ▲

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

PLANAR

PLANAR COORDINATE INFORMATION

PLANAR COORDINATE ENCODING METHOD coordinate pair

COORDINATE REPRESENTATION

ABSCISSA RESOLUTION 0.000227

ORDINATE RESOLUTION 0.000227

PLANAR DISTANCE UNITS survey feet

GEODETTIC MODEL

HORIZONTAL DATUM NAME North American Datum of 1983

ELLIPSOID NAME Geodetic Reference System 80

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

VERTICAL COORDINATE SYSTEM DEFINITION

ALTITUDE SYSTEM DEFINITION

ALTITUDE RESOLUTION 1.000000

ALTITUDE ENCODING METHOD Explicit elevation coordinate included with horizontal coordinates

Hide Spatial Reference ▲

Entities and Attributes ►

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL SANGIS.HYD_FLOODPL

ENTITY TYPE DEFINITION

Location and attributes of flood hazards. This table is required for all draft Digital Flood Insurance Rate Map data. The S_Fld_Haz_Ar table contains information about the flood hazards within the study area. A spatial file with locational information also corresponds with this data table. These zones are used by the federal Emergency Management Agency (FEMA) to designate the Special Flood Hazard Area (SFHA) and for insurance rating purposes. These data are the flood hazard areas that are or will be depicted on the Flood Insurance Rate Map (FIRM). A spatial file with locational information also corresponds with this data table. The spatial elements representing the flood zones are polygons. The entire area of the jurisdiction(s) mapped by the FIRM should have a corresponding flood zone polygon. There is one polygon for each contiguous flood zone designated. This is a modified Standard DFIRM Database table that includes Standard DFIRM Database items and Enhanced Database items. All items after SOURCE_CIT are Enhanced. This data was received from FEMA, clipped to the County of San Diego, and renamed to HYD_FLOODPL.

ENTITY TYPE DEFINITION SOURCE FEMA Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix L: Guidance for Preparing Draft Digital Data and DFIRM Databases (available at http://www.fema.gov/fhm/dl_cgs.shtm)

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID_12

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID_1

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID

ATTRIBUTE DEFINITION

Internal feature number

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE

ATTRIBUTE LABEL DFIRM_ID

ATTRIBUTE DEFINITION

Unique ID for the Digital Flood Insurance Rate Map (DFIRM)

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL FLD_AR_ID
ATTRIBUTE DEFINITION
Primary key for table lookup .
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL FLD_ZONE
ATTRIBUTE DEFINITION
Flood Zone Designation. This is the flood zone label/abbreviation for the area. (Refer to Flood Insurance Zone Designation in Overview)
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL FLOODWAY
ATTRIBUTE DEFINITION
Designation of the Area as a Floodway. Floodway areas are designated by FEMA and adopted by communities to provide an area that will remain free of development to moderate increases in flood heights due to encroachment on the floodplain. If the corresponding area is not designated as a floodway, this field is null.
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL SFHA_TF
ATTRIBUTE DEFINITION
Special Flood Hazard Area. If the area is within SFHA this field would be True. This field will be true for any area that is coded for any A or V zone flood areas. It should be false for any X or D zone flood areas. Enter 'T' for true or 'F' for false.
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL STATIC_BFE
ATTRIBUTE DEFINITION
Static Base Flood Elevation. For areas of constant Base Flood Elevation (BFE), the BFE value is shown beneath the zone label rather than on a BFE line. In this situation the same BFE applies to the entire polygon. This is normally occurs in lakes or coastal zones. This field is only populated where a static BFE is shown on the FIRM.
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL V_DATUM
ATTRIBUTE DEFINITION
Vertical Datum The vertical datum indicates the reference surface from which the flood elevations are measured. Normally this would be North American Vertical Datum of 1988 for new studies. This field is only populated if the STATIC_BFE is populated.
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL DEPTH
ATTRIBUTE DEFINITION
Depth Value for Zone AO Areas. This is shown beneath the zone label on the FIRM. This field is only populated if a depth is shown on the FIRM.
ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL LEN_UNIT
ATTRIBUTE DEFINITION

Length Unit This unit indicates the measurement system used for the BFEs and/or depths. Normally this would be feet. This field is only populated if the DEPTH or STATIC_BFE field is populated.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL VELOCITY

ATTRIBUTE DEFINITION

Velocity Measurement. This is shown beneath the zone label on the FIRM for alluvial fan areas (certain Zone AO areas). This value represents the velocity of the flood flow in this area. This field is only populated when a velocity is shown on the FIRM.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL VEL_UNIT

ATTRIBUTE DEFINITION

Velocity Unit This unit indicates the measurement system for the velocity of the flood hazard area. The value is shown in the legend where alluvial fans are present. This field is only populated if the VELOCITY field is populated.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL AR_REVERT

ATTRIBUTE DEFINITION

If the area is Zone AR, this field would hold the zone that the area would revert to if the AR zone were removed. This field is only populated if the corresponding area is Zone AR.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL BFE_REVERT

ATTRIBUTE DEFINITION

If Zone is Zone AR, this field would hold the static base flood elevation for the reverted zone. This field is populated when Zone equals AR and the reverted zone has a static BFE.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL DEP_REVERT

ATTRIBUTE DEFINITION

If Zone is Zone AR, this field would hold that flood depth for the reverted zone. This field is populated when Zone equals AR and the reverted zone has a depth assigned.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL SOURCE_CIT

ATTRIBUTE DEFINITION

Source Citation. Abbreviation used in the metadata file when describing the source information for the S_Fld_Haz_Ar table. Normally, the flood hazard area polygon will be divided to distinguish areas modified by the most recent revision from areas based on the effective FIRM prior to the most recent revision. Revisions and sources prior to the most recent revision will not be tracked for individual polygons in the flood hazard areas table in the standard database.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL HYDRO_ID

ATTRIBUTE DEFINITION

Hydrologic Model Identification. The methods used to determine the flood hazard for areas of shallow flooding and ponding. This attribute is only required for flood hazard areas with

AO and AH zone designations or ponding associated with AE zones.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL CST_MDL_ID

ATTRIBUTE DEFINITION

Coastal Model Identification. This identifies the coastal models that were used to determine the coastal flood hazard for this area. This attribute is only required in areas for which flood hazard determinations do not consider wave hazards. The static BFE values in these areas are based on surge modeling and/or tidal analyses. When wave hazards are considered modeling information is linked to the transects used to complete the wave analysis.

ATTRIBUTE DEFINITION SOURCE FEMA

ATTRIBUTE

ATTRIBUTE LABEL FLOOD_PLAI

ATTRIBUTE DEFINITION

Type of flood plain (FP100, FP500, or FW100) This layer is derived from FEMA Digital Flood Insurance Rate Map (DFIRM) UNN&INC AREAS 05/16/2012 with the additional LUEG-GIS and Flood Control derived attribute FLOODPLAI where: FP500 (five hundred year floodplain) where: FLD_ZONE = '0.2 PCT ANNUAL CHANCE FLOOD HAZARD' FP100 (one hundred year floodplain) where: FLD_ZONE = 'A' OR FLD_ZONE = 'A99' OR FLD_ZONE = 'AE' OR FLD_ZONE = 'AH' OR FLD_ZONE = 'AO' OR FLD_ZONE = 'VE' FW100 (one hundred year floodplain) where: "FLD_ZONE" = 'AE' AND "FLOODWAY" = 'FLOODWAY' Empty Attribute where: FLD_ZONE = 'X' BLANK FLD_ZONE = 'D' BLANK 1-percent-annual-chance equates to 100-year. 0.2-percent-annual-chance equates to 500-year.

ATTRIBUTE DEFINITION SOURCE SanGIS

ATTRIBUTE

ATTRIBUTE LABEL SHAPE.AREA

ATTRIBUTE

ATTRIBUTE LABEL SHAPE.LEN

OVERVIEW DESCRIPTION

ENTITY AND ATTRIBUTE OVERVIEW

Flood Insurance Zone Designation:

The flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. These zones are as follows:

Zone A

Zone A is the flood insurance risk zone that corresponds to the 1-percent-annual-chance (100-year) floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or base flood depths are shown within this zone.

Zone AE

Zone AE is the flood insurance risk zone that corresponds to the 1-percent-annual-chance (100-year) floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AH

Zone AH is the flood insurance risk zone that corresponds to the areas of 1-percent-annual-chance (100-year) shallow flooding (usually areas of ponding) where average depths are between 1 and 3 feet. Whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AO

Zone AO is the flood insurance risk zone that corresponds to the areas of 1-percent-annual-chance (100-year) shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. Average whole-foot base flood depths derived from the detailed hydraulic analyses are shown within this zone.

Zone AR

Zone AR is the flood insurance risk zone that corresponds to an area of special flood hazard formerly protected from the 1-percent-annual-chance (100-year) flood event by a flood-control system that was subsequently decertified. Zone AR indicates that the former flood-control system is being restored to provide protection from the 1-percent-annual-chance or greater flood event.

Zone A99

Zone A99 is the flood insurance risk zone that corresponds to areas of the 1-percent-annual-chance (100-year) floodplain that will be protected by a Federal flood protection system where construction has reached specified statutory milestones. No BFEs or depths are shown within this zone.

Zone V

Zone V is the flood insurance risk zone that corresponds to the 1-percent-annual-chance (100-year) coastal floodplains that have additional hazards associated with storm waves. Because approximate hydraulic analyses are performed for such areas, no BFEs are shown within this zone.

Zone VE

Zone VE is the flood insurance risk zone that corresponds to the 1-percent-annual-chance (100-year) coastal floodplains that have additional hazards associated with storm waves. Whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X

Zone X is the flood insurance risk zone that corresponds to areas outside the 0.2-percent-annual-chance (500-year) floodplain, areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by levees. No BFEs or base flood depths are shown within this zone.

Zone X (Future Base Flood)

Zone X (Future Base Flood) is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined based on future-conditions hydrology. No BFEs or base flood depths are shown within this zone.

Zone D

Zone D is the flood insurance risk zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.

NOTE:

1-percent-annual-chance equates to 100-year.
0.2-percent-annual-chance equates to 500-year.

ENTITY AND ATTRIBUTE DETAIL CITATION

Appendix L of FEMA Guidelines and Specifications for FEMA Flood Hazard Mapping Partners contains a detailed description of each attribute code and a reference to other relevant information.

Hide Entities and Attributes ▲

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Metadata Reference ►

METADATA DATE June 4, 2012

METADATA CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Federal Emergency Management Agency.

CONTACT POSITION Mitigation Directorate

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METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata
METADATA STANDARD VERSION FGDC-STD-001-1998
METADATA TIME CONVENTION local time

METADATA EXTENSIONS

ONLINE LINKAGE <http://hazards.fema.gov>
ONLINE LINKAGE <http://www.epsg.org>
PROFILE NAME FEMA NFIP Metadata Content and Format Standard

Hide Metadata Reference ▲