

Community Name	County Name

The following is an **Available Data Inventory**, which the template may be found in the FEMA Guidelines and Specifications for Flood Hazard Mapping Partners [April 2003] Appendix I, Section I.1. This checklist is used to inventory base map, topographic, and hydrologic and hydraulic data, and floodplain mapping information and data available or currently underway that may be useful for this project.

Base Map Information

Are U.S. Geological Survey (USGS) Digital Orthophoto Quadrangles (DOQs) available for this community or county? Yes No

What community base map data are available? From whom?

What is the source of the base map data and how were the data created?

Are the owners of the data willing to allow FEMA to release the base map data to the public with the DFIRMs? Yes No

If you checked “No,” to the above question, then you do not need to complete the rest of the Base Map Information section of this checklist.

Contact Information for Data Source
Name:
Organization:
Telephone No.:
E-Mail Address:
Facsimile No.:

If the base map data are in vector format and the owner is not willing to release the data, will the owner allow FEMA to make a raster image of the vector base map data and release that? Yes No

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Base Map Information (Continued)

Do the data cover the entire community or county being restudied (not just the streams being studied)? Yes No

Are the data available now? Yes No
 If not, what is the projected completion date?

What is the accuracy or resolution of each data set or type?

When were the base map data created, last updated, or reviewed for update needs?

Created	Last Updated	Reviewed

Is the base map in the process of being revised? Yes No

If yes, what is being done and when will it be completed?

What projection, horizontal datum, and vertical datum were used for the base map datasets?

Projection	Horizontal Datum	Vertical Datum

In what file format(s) are the data available?

How are the data tiled?

Is a data dictionary or metadata available? Yes No

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Base Map Information (Continued)

What feature types do the base map datasets contain? (Check all that apply.)

- Roads
 - Centerlines
 - Edge of pavement
 - Right of way
 - Digital orthophotos

- Road Names
 - Stored as attributes in database
 - Placed as graphic elements for plotting. At what scale(s)?

- Railroads/railroad names

- Airports

- Rivers, streams, lakes, shorelines, coastlines

- Are political boundaries (corporate, county, extraterritorial, etc.) current? Yes No

- Parks, military reservations, Native American lands

- Range, township, and section lines

- Building footprints

- Parcels

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Base Map Information (Continued)

- Bridges

- Flood-control structures (e.g., culverts, levees, dams, weirs, floodwalls, jetties)

- What bench marks, Elevation Reference Marks (ERMs), or other vertical control data are available for the community, county, or study area?

Topographic Information

What elevation data are available?

What is the source of the topographic data (how were the data created)?

Do the data cover the floodplains for the flooding sources in the entire community or county being restudied? Yes No

Are the data available now? Yes No
 If not, what is the projected completion date?

What is the accuracy or resolution of the topographic data?

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Topographic Information (Continued)

When were the topographic data created, last updated, or reviewed for update needs?

Created	Last Updated	Reviewed

What projection, horizontal datum, and vertical datum were used for the topographic data?

Projection	Horizontal Datum	Vertical Datum

In what format(s) are the data available?

Contours	Digital Elevation Model (DEM)	Digital Terrain Model (DTM)	Triangulated Irregular Network (TIN)

Flood Hazard Data

Are digital flood hazard data available? Yes No
 If so, from whom?

Have flood hazard data that have been converted to digital format been compared to the effective FIRMs to ensure that base map to flood hazard relationships have been preserved? Yes No

What was the source of the digital flood hazard data and how were the data created?

Do any new data tie in to the existing effective information? Yes No

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Flood Hazard Data (Continued)

Do the data cover the entire community or county being restudied? Yes No

Are the data available now? If not, what is the projected completion date? Yes No

What is the accuracy or resolution of each data set or type?

When were the data created, last updated, or reviewed for update needs?

Created	Last Updated	Reviewed

Are Letters of Map Change (LOMCs) included in any digital datasets? Yes No

What projection, horizontal datum, and vertical datum were used for the flood hazard datasets?

Projection	Horizontal Datum	Vertical Datum

In what file format(s) are the data available?

How are the data tiled?

Is a data dictionary or metadata available? Yes No

Have flood hazard data that have been converted to digital format been compared to the effective FIRMs to ensure that base map to flood hazard relationships have been preserved? Yes No

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Flood Hazard Data (Continued)

What feature types do the flood hazard datasets contain? (Check all that apply.)

- 1-percent- annual-chance flood hazard areas
- 0.2-percent–annual-chance flood hazard areas
- Regulatory floodways
- Coastal Barrier Resources System areas
- Alluvial fans
- Base flood elevations, velocities, or depths
- Cross sections
- ERMs
- Letters of Map Change
- Are data for other flood frequencies available? Yes No

Do the flood hazard boundaries need to be fitted to newer or more detailed stream locations and/or topography than was used for the existing FIRM(s)? Yes No

Are new hydrologic and hydraulic models available? Yes No
If yes, describe below.

Do hydrologic and hydraulic models need inclusion? Yes No

Is there High Water Mark Information available? Yes No
If yes, describe below.

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Flood Hazard Data (Continued)

Were the hydrologic and hydraulic data developed using automated modeling and mapping techniques? Yes No
 If so, describe them.

Are digital files containing data needed for hydrologic or hydraulic modeling (e.g., land use or soils) available? Yes No

Are supplemental data (e.g., photographs, etc.) available? Yes No

Are supplemental data in digital format? Yes No

Are there levees in this community? Yes No

If levees are present, do they provide protection from the 1-percent-annual-chance flood event? Yes No

Is U.S. Army Corps of Engineers certification available for these levees? Yes No

Do the coastal analyses reflect primary frontal dunes? Yes No

Do the coastal analyses reflect wave heights? Yes No

Does the community maintain hydrologic and hydraulic analyses that reflect future conditions? Yes No

Are other hazard data available? If yes, what are they? Yes No

Are elevation certificates for flood-prone structures available in a database or other electronic format? Yes No