

K.5.1 Map Legend Components

The Map Legend provides the user with explanations of flood hazard feature representations as they are depicted on the FIRM or FBFM. The following components shall appear in the legend:

- Flood hazard area and CBRS area screen descriptions;
- Flood hazard zones descriptions;
- Floodplain, regulatory floodway, zone, and CBRS boundary descriptions;
- BFE and elevation labels, including a clear statement of the vertical datum used;
- Cross-section and transect labels;
- Geographic coordinate and primary and secondary horizontal reference grid labels, with notes stating the reference grids and projection used;
- Bench marks;
- River mile markers;
- Map repository notes;
- NFIP map dates;
- Map revision notes;
- General FIRM legend notes;
- North arrow; and
- Map scale.

Map Revision notes document the reasons for past and present FIRM revisions. The assigned Mapping Partner shall use one or more of the notes in the table below to explain why a panel was revised. Only one date is required when more than one note is used. All dates shall be written out in their entirety.


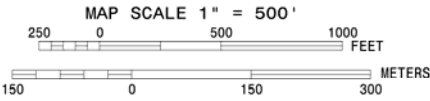
The map revision notes that are used for each FIRM revision shall be date-specific rather than panel-specific. All actions occurring on a specific date shall be combined into one map revision note and used on all panels for that particular revision. In addition, notes shall not be used on the first production of a countywide FIRM, even though these changes have occurred within the Flood Map Project that led to the countywide FIRM being developed.

<p align="center">Map Legend Features and Notes</p> <p align="center">*Font specifications that cannot be matched may be approximated</p>		
Example	Feature/Usage	Specification
LEGEND	Legend title	18 Pt. Verdana CAPS
SPECIAL FLOOD HAZARD AREAS SUBJECT TO....	Screen descriptions	10 Pt. Tahoma CAPS
ZONE AE	Zone labels	8 Pt. Arial Bold CAPS
Base Flood Elevations determined.	Zone and other map feature descriptions	8 Pt. Tahoma CLC
1% annual chance floodplain boundary	SFHA boundary description	8 Pt. Tahoma LC
<p align="center">MAP REPOSITORY Thomasville City Hall, 10 Salem Street, Thomasville, North Carolina 27360 (Maps available for reference only, not for distribution.)</p>	This is an example of the Map Repository note used for single-jurisdiction or non-countywide FIRMs. The complete address of the map repository is included in the legend. The disclaimer, as stated, follows the address. Note that the Map Repository should be a street address and not a PO box.	8 Pt. Arial CAPS and CLC
<p align="center">MAP REPOSITORY Refer to listing of Map Repositories on Map Index</p>	This note explains the location of the Map Repository note used for countywide maps. The map repository address for each community in the county is listed on the Map Index. See Section K.3.2 for an example of map repository listings used on the Map Index.	8 Pt. Arial CAPS and CLC
<p align="center">INITIAL IDENTIFICATION February 11, 1977 FLOOD HAZARD BOUNDARY MAP REVISIONS None</p> <p align="center">FLOOD INSURANCE RATE MAP EFFECTIVE July 3, 1985</p> <p>FLOOD INSURANCE RATE MAP REVISIONS December 20, 2000 – to add Base Flood Elevations, floodway, and Special Flood Hazard Areas; to change zone designations and Special Flood Hazard Areas; to update map format; and to reflect updated topographic information.</p>	These headings and listings of NFIP map dates are used for manual single-jurisdiction studies. Historical map dates shall be listed in the FIRM legend for each printed panel. Dates may be supplied from various sources including the previous effective map. Standard map revision notes are provided below. See Section K.5.1.1 for standard Coastal Barrier revision notes.	8 Pt. Arial CAPS and CLC

<p style="text-align: center;">Map Legend Features and Notes</p> <p style="text-align: center;">*Font specifications that cannot be matched may be approximated</p>		
Example	Feature/Usage	Specification
<p style="text-align: center;">INITIAL NFIP MAP DATE February 11, 1977 FLOOD HAZARD BOUNDARY MAP REVISIONS</p> <p style="text-align: center;">None FLOOD INSURANCE RATE MAP EFFECTIVE July 3, 1985</p> <p>FLOOD INSURANCE RATE MAP REVISIONS December 20, 2000 – to add Base Flood Elevations, floodway, and Special Flood Hazard Areas; to change zone designations and Special Flood Hazard Areas; to update map format; and to reflect updated topographic information.</p>	<p>The Initial NFIP Map Date heading will be used on all digital single-jurisdiction studies.</p>	<p>8 Pt. Arial CAPS and CLC</p>
<p style="text-align: center;">EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP June 28, 1995</p> <p style="text-align: center;">EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL August 23, 1999 – to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to update map format, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to modify Coastal Barrier Resources System units.</p>	<p>These headings and listings of NFIP map dates are used for countywide studies. See Appendix J for information on previous historical map dates for countywides.</p>	<p>8 Pt. Arial CAPS and CLC</p>
<p><i>January 31, 2001</i> - to update corporate limits</p>	<p>This note is used any time a revised FIRM shows a new corporate limit configuration. If an Area Not Included boundary is revised on the FIRM for the unincorporated areas of a county, this note specifically references the community (i.e., to update Town of Atlantic Beach corporate limits). An example date shown in italics has been placed in the note for clarity.</p>	<p>8 Pt. Arial CLC</p>
<p>(Date of revision) - to decrease Base Flood Elevations</p>	<p>This note is used any time existing BFEs have only been decreased.</p>	<p>8 Pt. Arial CLC</p>
<p>(Date of revision) - to increase Base Flood Elevations</p>	<p>This note is used any time existing BFEs have only been increased</p>	<p>8 Pt. Arial CLC</p>
<p>(Date of revision) - to change Base Flood Elevations</p>	<p>This note is used when BFEs are both increasing and decreasing.</p>	<p>8 Pt. Arial CLC</p>

Map Legend Features and Notes		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
(Date of revision) - to add Base Flood Elevations	This note is used when BFEs are added to a new detailed A or V zone for an area previously unstudied or previously studied by approximate methods.	8 Pt. Arial CLC
(Date of revision) - to add Special Flood Hazard Areas	This note is used when new detailed or approximate 1% annual chance flooding is added to an area previously unstudied.	8 Pt. Arial CLC
(Date of revision) - to change Special Flood Hazard Areas	This note is used when the configuration of an existing SFHA is modified.	8 Pt. Arial CLC
(Date of revision) - to delete Special Flood Hazard Areas	This note is used when an SFHA is entirely removed from the FIRM.	8 Pt. Arial CLC
(Date of revision) - to change zone designations	This note is used when X (0.2% annual chance) zones are changed to X (no flooding) zones, or vice versa; when A zones are changed to X (0.2% annual chance) zones; and when A or V zones are changed to detailed zones (AE or VE zones).	8 Pt. Arial CLC
(Date of revision) - to update map format	This note is used when an 11" x 17" FIRM is remapped into a z-fold, when a FIRM and FBFM are combined into a FIRM (Map Initiatives or Partial Map Initiatives), or when the FIRM is being prepared using digital methods for the first time.	8 Pt. Arial CLC
(Date of revision) - to add roads and road names	This note is used when new roads and road names are added to the FIRM. "Update" instead of "add" is used when roads are moved or deleted, or when the names of roads change.	8 Pt. Arial CLC

Map Legend Features and Notes *Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
(Date of revision) - to include the effects of wave action	This note is used when a coastal wave height analysis has been added for the first time to an existing "non-wave height" FIS. Please note that revision notes covering BFE and SFHA additions, deletions, changes or modifications are not necessary when this note is used to describe changes to the FIRM resulting from the addition of a wave height analysis.	8 Pt. Arial CLC
(Date of revision) – to update the effects of wave action	This note is used when a coastal wave height analysis has been revised.	8 Pt. Arial CLC
(Date of revision) - to incorporate Primary Frontal Dune analysis	This note is used when an FIS is revised to reflect the inland limit of the Primary Frontal Dune.	8 Pt. Arial CLC
(Date of revision) – to reflect revised shoreline	This note is used when all or part of the shoreline on a coastal FIRM has been revised.	8 Pt. Arial CLC
(Date of revision) - to reflect the effects of coastal erosion	This note is used when coastal erosion has been taken into account in the analysis.	8 Pt. Arial CLC
(Date of revision) - to add Special Flood Hazard Areas previously shown on (community name), (state) Flood Insurance Rate Map dated (date), (year)	This note is used when a FIRM revision incorporates the annexation of an area with special flood hazards that was previously shown on another community's FIRM.	8 Pt. Arial CLC
(Date of revision) - to incorporate previously issued Letters of Map Revision	This note is used when determinations made by Letter of Map Revision are incorporated into the revised FIRM.	8 Pt. Arial CLC
(Date of revision) - to reflect updated topographic information	This note is used when the FIRM revision is based, at least in part, on new topographic information.	8 Pt. Arial CLC
(Date of revision) - to incorporate previously issued Letters of Map Amendment	This note is used when determinations made by Letter of Map Amendment are incorporated into the revised FIRM.	8 Pt. Arial CLC

<h2 style="margin: 0;">Map Legend Features and Notes</h2> <p style="margin: 0; font-size: small;">*Font specifications that cannot be matched may be approximated</p>		
Example	Feature/Usage	Specification
(Date of revision) - to add floodway	This note is used when floodway delineation has been added. This note is used only on Map Initiatives format FIRMs.	8 Pt. Arial CLC
(Date of revision) - to change floodway	This note is used when a floodway delineation change is the basis of the revision. This note is used only on Map Initiatives format FIRMs.	8 Pt. Arial CLC
(Date of revision) - to advance suffix	This note is used when the only change to the FIRM is to change the map number suffix. This note is used only with the approval of a FEMA Project Officer.	8 Pt. Arial CLC
For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study Report for this jurisdiction.	This note is shown only on countywide FIRMs.	8 Pt. Tahoma CLC
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.	This note is shown on all FIRMs above the north arrow.	8 Pt. Tahoma CLC
Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.	This note is shown only on single-jurisdiction FIRMs that are being published for the first time (i.e., FIRMs that show an effective date in the title block, not a map revised date).	8 Pt. Tahoma CAPS and CLC
	North arrow	Lineweight .010" Width .700" Height .400"
	The DFIRM scale bar includes references to both feet and meters and emulates the scale bar used by USGS on topographic quadrangles. The manual FIRM scale bar only includes the reference to feet. Note that this scale bar is not shown to actual size.	10 Pt. Arial Bold CAPS

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K.5.1.1 Coastal Barrier Resources System Map Revision Notes

The map revision notes pertaining to modifications to the Coastal Barrier Resources System are listed below. The Coastal Barrier revision notes matrix below provides guidance on the revision note to be used in the FIRM legend. The note used depends on whether CBRS areas and/or OPAs are being added to or removed from the community. Only one of the notes shown is used for any given community, so it must reflect the community as a whole. These revision notes are not panel-specific. They must reflect the action taken for the entire jurisdiction.

Coastal Barrier Revision Notes Matrix				
Revision Note	Barrier Added	Barrier Removed¹	OPA Added	OPA Removed¹
To add Coastal Barrier Resources Areas	X			
To remove Coastal Barrier Resources Areas		X		
To modify Coastal Barrier Resources Areas	X	X		
To add Otherwise Protected Areas			X	
To remove Otherwise Protected Areas				X
To modify Otherwise Protected Areas			X	X
To add Coastal Barrier Resources Areas and Otherwise Protected Areas	X		X	
To add Coastal Barrier Resources Areas and to remove Otherwise Protected Areas	X			X
To add Coastal Barrier Resources Areas and to modify Otherwise Protected Areas	X		X	X
To remove Coastal Barrier Resources Areas and to add Otherwise Protected Areas		X	X	
To remove Coastal Barrier Resources Areas and Otherwise Protected Areas		X		X
To remove Coastal Barrier Resources Areas and to modify Otherwise Protected Areas		X	X	X
To modify Coastal Barrier Resources Areas and to add Otherwise Protected Areas	X	X	X	
To modify Coastal Barrier Resources Areas and to remove Otherwise Protected Areas	X	X		X
To modify Coastal Barrier Resources Areas and Otherwise Protected Areas	X	X	X	X

¹This refers to any area, regardless of size, that has had the CBRS unit or OPA reduced in size in any area.

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K.5.1.2 Coastal Barrier Resource System Legend

The assigned Mapping Partner shall only use the Coastal Barrier Legend shown below when the abbreviated Coastal Barrier notes are used on the body of the FIRM and there is more than one note that applies to the entire community. It shall be placed under the Notes to Users portion of the frame in a separate frame area. These notes are the same as the non-abbreviated notes used on the body of the FIRM shown in Section K.4.4. These revision notes are not panel-specific.

They must reflect the action taken for the entire jurisdiction. A Coastal Barrier Legend example (Figure K-24) is provided below, followed by a table of the specifications for features and notes.

COASTAL BARRIER LEGEND

11-16-90 Coastal Barrier
 FLOOD INSURANCE NOT AVAILABLE FOR NEW CONSTRUCTION OR SUBSTANTIALLY IMPROVED STRUCTURES ON OR AFTER NOVEMBER 16, 1990, IN DESIGNATED COASTAL BARRIERS.

10-01-83 Coastal Barrier
 FLOOD INSURANCE NOT AVAILABLE FOR STRUCTURES NEWLY BUILT OR SUBSTANTIALLY IMPROVED ON OR AFTER OCTOBER 1, 1983, IN DESIGNATED COASTAL BARRIERS.

Comments or concerns regarding the Coastal Barrier Resources System or Otherwise Protected Areas should be directed to the Coastal Barrier Coordinator at the U. S. Fish and Wildlife Service; (413) 253_ 8614.

Figure K-24. Coastal Barrier Legend

Coastal Barrier Legend Features and Notes		
<small>*Font specifications that cannot be matched may be approximated</small>		
Example	Feature/Usage	Specification
COASTAL BARRIER LEGEND	Coastal Barrier legend title	18 Pt. Arial Bold CAPS
10-01-83 Coastal Barrier FLOOD INSURANCE NOT AVAILABLE FOR STRUCTURES NEWLY BUILT OR SUBSTANTIALLY IMPROVED ON OR AFTER OCTOBER 1, 1983, IN DESIGNATED COASTAL BARRIERS.	This note identifies an area classified as a 1983 Coastal Barrier. This note is placed in the Coastal Barrier Legend when the abbreviated version of this note is used on the body of the FIRM.	10 Pt. Arial Bold CLC 9 Pt. Arial CAPS

Coastal Barrier Legend Features and Notes *Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
(_ _ - _ - _) Coastal Barrier FLOOD INSURANCE NOT AVAILABLE FOR NEW CONSTRUCTION OR SUBSTANTIALLY IMPROVED STRUCTURES ON OR AFTER (date), IN DESIGNATED COASTAL BARRIERS.	This note identifies an area classified as a 1990 or later Coastal Barrier. This note is placed in the Coastal Barrier Legend when the abbreviated version of this note is used on the body of the FIRM.	10 Pt. Arial Bold CLC 9 Pt. Arial CAPS
(_ _ - _ - _) Otherwise Protected Area FLOOD INSURANCE NOT AVAILABLE FOR STRUCTURES - NEWLY BUILT OR SUBSTANTIALLY IMPROVED ON OR AFTER (date) - NOT USED IN A MANNER CONSISTENT WITH THE PURPOSE OF THE OTHERWISE PROTECTED AREAS.	This note identifies an area classified as a 1991 or later Otherwise Protected Area. This note is placed in the Coastal Barrier Legend when the abbreviated version of this note is used on the body of the FIRM.	10 Pt. Arial Bold CLC 9 Pt. Arial CAPS
Comments or concerns regarding the Coastal Barrier Resources System or Otherwise Protected Areas should be directed to the Coastal Barrier Coordinator at the U.S. Fish and Wildlife Service; (_ _ -) _ _ - _ _ _ _ .	This note refers map users to the Fish and Wildlife Service's Regional Coastal Barrier Coordinator. If the abbreviated Coastal Barrier notes and special Coastal Barrier Legend are used, this note appears below the Coastal Barrier Legend. The phone number is inserted into the above note as follows: (413) 253-8657 CT, DE, MA, ME, MD, NJ, NY, RI, VA (404) 679-7106 AL, FL, GA, LA, MS, NC, PR, SC, VI (612) 713-5350 MI, MN, OH, WI (505) 248-6454 TX	10 Pt. Arial Bold CLC

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K.6 Map Title Block

The FIRM title block shall contain those items that identify the community and provide panel-specific information, including the map number and effective date of the FIRM panel. The community name must include, at a minimum, the community type (e.g., city, town, village), community name, and full state name. FIRMs for individual communities shall also include the name of the county, except in the cases of jurisdictions that are officially classified as “Independent.” County FIRMs may include flood hazard information only for unincorporated areas administered directly by the county government, or for the entire geographic area within the county. “All Jurisdictions” FIRMs include flood hazard information for entire counties in which no separate county government exists; all land is administered by community agencies.

The title block shall include this community information, as in the following examples of community naming formats :

Town of
Adams,
Pennsylvania
Jefferson County

City of
Hampton,
Virginia
Independent City

Boone County,
Illinois
(Unincorporated Areas)

Carbon County,
Utah
And Incorporated Areas

Pike County,
Pennsylvania
(All Jurisdictions)

The following pages contain figures of sample title blocks for the following different types of FIRMs:

- Countywide DFIRM (Figure K-25);
- Countywide DFIRM with CBRS Areas (Figure K-26);
- Single-Jurisdiction Multi-Panel DFIRM (Figure K-27);
- Single-Jurisdiction DFIRM, Only Panel Printed (Figure K-28); and
- Single-Jurisdiction Manual FIRM (Figure K-29).

Guidelines and Specifications for Flood Hazard Mapping Partners

Font size and style specifications are provided in Figure K-30, “Title Block Element Specifications.” Figures K-31 and K-32 provide important information concerning the title block content.


NATIONAL FLOOD INSURANCE PROGRAM	NFIP	PANEL 0333 C		
	FIRM FLOOD INSURANCE RATE MAP PIKE COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)			
	PANEL 333 OF 530 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)			
	<u>CONTAINS:</u>			
	<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
	DINGMAN, TOWNSHIP OF	421964	0333	C
	MILFORD, BOROUGH OF	420759	0333	C
	MILFORD, TOWNSHIP OF	422642	0333	C
	WESTFALL, TOWNSHIP OF	421970	0333	C
	<p>Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.</p>			
		MAP NUMBER 42103C0333 C EFFECTIVE DATE OCTOBER 6, 2000		
Federal Emergency Management Agency				

Figure K-25. Countywide DFIRM Title Block


NATIONAL FLOOD INSURANCE PROGRAM	NFIP	PANEL 0038 D		
	FIRM FLOOD INSURANCE RATE MAP FLOOD COUNTY, USA AND INCORPORATED AREAS			
	PANEL 38 OF 40 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)			
	<u>CONTAINS:</u>			
	<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
	FLOOD COUNTY	990099	0038	D
	FLOODVILLE, TOWN OF	990098	0038	D
	-NOTE- THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE COASTAL BARRIER IMPROVEMENT ACT OF 1990 (PL 101-591).			
	Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.			
			MAP NUMBER 99009C0038 D EFFECTIVE DATE AUGUST 19, 1998	
Federal Emergency Management Agency				

Figure K-26. Countywide DFIRM Title Block with CBRS Areas


NFIP NATIONAL FLOOD INSURANCE PROGRAM	PANEL 0004 C								
	FIRM								
	FLOOD INSURANCE RATE MAP								
	TOWNSHIP OF MANOR, PENNSYLVANIA LANCASTER COUNTY								
	PANEL 4 OF 13								
	(SEE MAP INDEX FOR FIRM PANEL LAYOUT)								
	<u>CONTAINS:</u>								
	<table border="0"><thead><tr><th style="text-align: left;"><u>COMMUNITY</u></th><th style="text-align: left;"><u>NUMBER</u></th><th style="text-align: left;"><u>PANEL</u></th><th style="text-align: left;"><u>SUFFIX</u></th></tr></thead><tbody><tr><td>MANOR, TOWNSHIP OF</td><td>420557</td><td>0004</td><td>C</td></tr></tbody></table>	<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>	MANOR, TOWNSHIP OF	420557	0004	C
	<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>					
	MANOR, TOWNSHIP OF	420557	0004	C					
<p>Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.</p>									
 <table border="0" style="margin-left: auto;"><tr><td style="text-align: right;">MAP NUMBER 4205570004 C</td></tr><tr><td style="text-align: right;">MAP REVISED SEPTEMBER 22, 1999</td></tr></table>	MAP NUMBER 4205570004 C	MAP REVISED SEPTEMBER 22, 1999							
MAP NUMBER 4205570004 C									
MAP REVISED SEPTEMBER 22, 1999									
Federal Emergency Management Agency									

Figure K-27. Single-Jurisdiction Multi-Panel DFIRM Title Block

NFIP
 NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0001 C

FIRM

FLOOD INSURANCE RATE MAP


VILLAGE OF
 COLD BROOK,
 NEW YORK
 HERKIMER COUNTY

ONLY PANEL PRINTED

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
COLD BROOK, VILLAGE OF	360298	0001	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
3602980001 C

MAP REVISED
DECEMBER 20, 2000

Federal Emergency Management Agency

Figure K-28. Single-Jurisdiction DFIRM Title Block, Only Panel Printed



Figure K-29. Single-Jurisdiction Manual FIRM Title Block

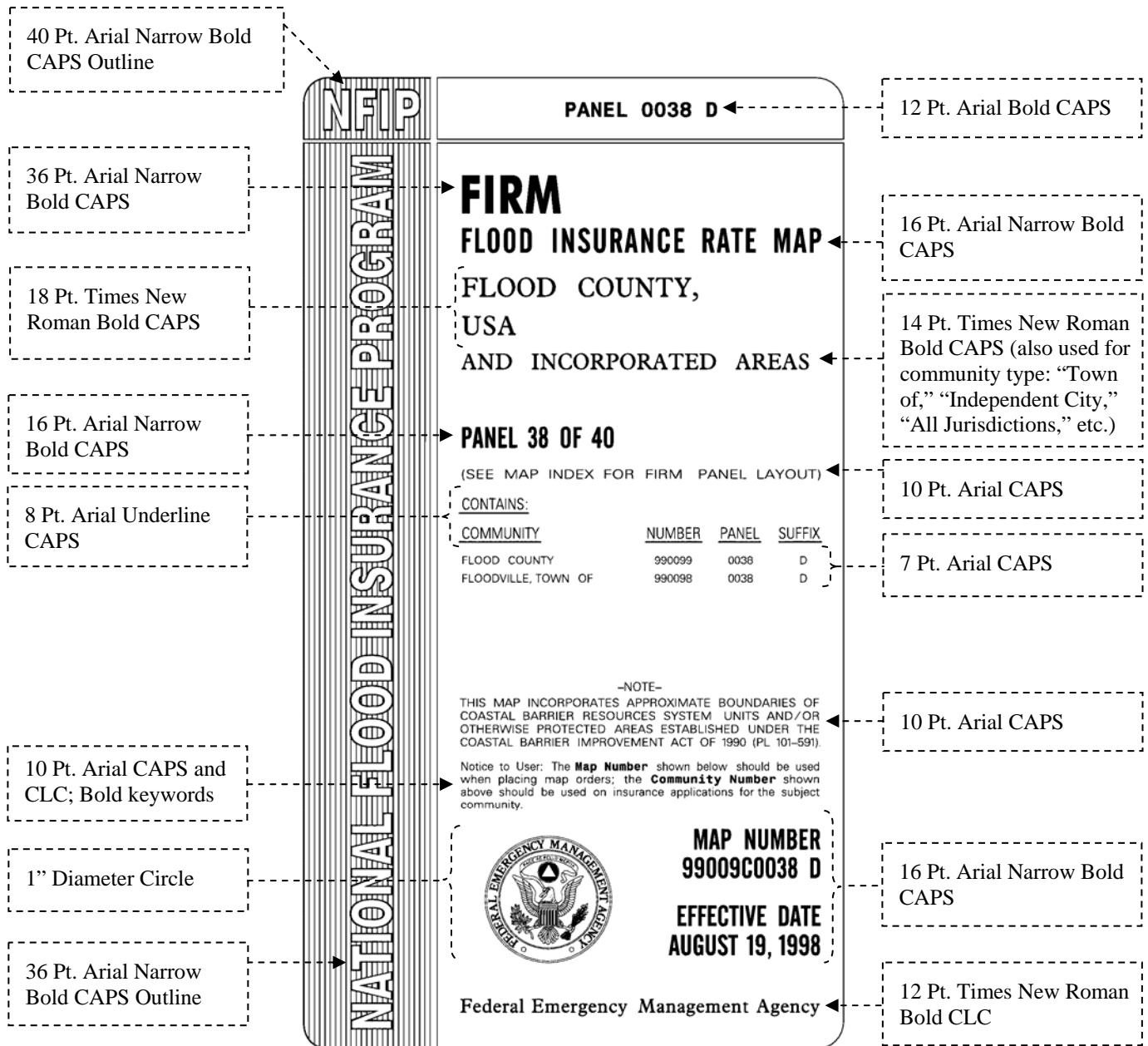


Figure K-30. Title Block Element Suggested Font Specifications

This example is based on a FIRM for a fictional community. When preparing title blocks, the state name is to be spelled out in full.

The FIRM panel number and the highest FIRM panel number in the series are included in the title blocks of multi-panel FIRMs. "Only Panel Printed" shall be used when the community may be shown on a single map sheet.

This note shall be placed on all FIRM title blocks to explain the use of the map number and the community number.

The FIRM panel number and suffix are included at the top of the FIRM title block to assist in locating FIRM panels for those users who store the maps upright in filing cabinets.

This note refers the map user to the index for an overview of the entire community. The note is omitted from "Only Panel Printed" FIRMs.

This list identifies the communities shown on the panel. Communities, including any county areas, are listed alphabetically.

The CBRS note used in this example must appear on every panel that contains a CBRS unit. If the map panel contains a CBRS or OPA unit established under an act subsequent to Public Law 101-591, the note shall be modified to include the applicable law, as in the example below:

THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE COASTAL BARRIER IMPROVEMENT ACT OF 1990 (PL 101-591) AND/OR THE WILD EXOTIC BIRD CONSERVATION ACT OF 1992 (PL 102-440).

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0038 D ←

FIRM
FLOOD INSURANCE RATE MAP
FLOOD COUNTY,
USA
AND INCORPORATED AREAS

PANEL 38 OF 40

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)


CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
FLOOD COUNTY	990099	0038	D
FLOODVILLE, TOWN OF	990098	0038	D

-NOTE-

THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE COASTAL BARRIER IMPROVEMENT ACT OF 1990 (PL 101-591).

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



Federal Emergency Management Agency

MAP NUMBER
99009C0038 D

EFFECTIVE DATE
AUGUST 19, 1998

Figure K-31. Title Block Element Usage Notes

The effective date shall be absent when a Preliminary FIRM is issued, and added when the final FIRM is published. On revised FIRMs, "Effective Date" shall be replaced with "Map Revised."

NATIONAL FLOOD INSURANCE PROGRAM

NFIP
PANEL 0038 D

FIRM

FLOOD INSURANCE RATE MAP

FLOOD COUNTY,
USA
AND INCORPORATED AREAS

PANEL 38 OF 40

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
FLOOD COUNTY	990099	0038	D
FLOODVILLE, TOWN OF	990098	0038	D

-NOTE-

THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE COASTAL BARRIER IMPROVEMENT ACT OF 1990 (PL 101-591).

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
99009C0038 D

EFFECTIVE DATE
AUGUST 19, 1998

Federal Emergency Management Agency

The Map Number is comprised of several components:

- either the 5-digit county FIPS code followed by "C" (on Countywide FIRMS) or the 6-digit community identification number;
- the 4-digit panel number;
- a space; and
- the map suffix.

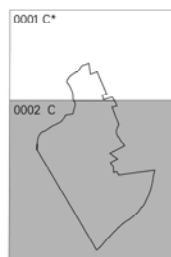
The map suffix is used to track published editions of each FIRM panel. All panels within a study do not necessarily have the same map suffix if they were not all updated at the same time. When each new edition of a FIRM is prepared, the suffix for each revised FIRM panel is changed to the next letter in alphabetical sequence, with the letter "I" being skipped. For first-time Countywide FIRMs, the suffix will be the next letter following the highest suffix letter of any FIRM panel of all the jurisdictions included in the countywide. Likewise, any FIRM being revised to reflect a completely new panel layout will have suffixes one letter higher than the highest letter of any previously published panel.

Figure K-32. Title Block Element Usage Notes

K.7 Map Locator Diagram

Map Locator Diagrams serve the same function as a Map Index. The assigned Mapping Partner shall use the Map Locator Diagram only when one panel is printed and the entire community does not fit inside the panel neatlines (i.e., there are non-printed panels).

MAP LOCATOR DIAGRAM



* PANEL NOT PRINTED -
NO SPECIAL FLOOD HAZARD AREAS

Figure K-33. Map Locator Diagram

The following guidelines shall be followed when preparing a Map Locator Diagram:

- The diagram shall be located in the title block, whenever possible.
- Because the Map Locator Diagram replaces the Map Index, the panels shall be numbered using four-digit panel numbers (for example, 0001) and include suffixes.
- Applicable Panel Not Printed notes, presented in Section K.3.1, shall be used to explain the non-printed panel(s).
- The panel that is printed shall be indicated with a screen.

[February 2002]

K.8 Notes to Users

The “Notes to Users” section of the FIRM provides map users with general information about specific items on the FIRM, background and reference information about sources of data used to prepare the FIRM, and sources of additional information pertinent to specific items on the FIRM (e.g., bench marks). Key words shall be identified within the body of each note and highlighted in **bold** to assist the user in finding notes of interest.

The figures on the following pages contain sample Notes to Users for the following different types of FIRMs:

- Countywide DFIRM, DOQ Base Map (Figure K-34);
- Countywide DFIRM, Non-DOQ Base Map (Figure K-35);
- Single-Jurisdiction Multi-Panel DFIRM, DOQ Base Map (Figure K-36); and
- Single-Jurisdiction DFIRM, DOQ Base Map, Only Panel Printed (Figure K-37).

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

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 Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM 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 should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 17. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U. S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at www.fema.gov/msc.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov.

Figure K-34. Countywide DFIRM Notes to Users, DOQ Base Map

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

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 Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM 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 should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 17. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by the Flood County Office of GIS. This information was photogrammetrically compiled at a scale of 1:4,800 from aerial photography dated February 1996.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at www.fema.gov/msc.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov.

Figure K-35. Countywide DFIRM Notes to Users, Non-DOQ Base Map

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

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 Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM 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 should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 17. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U. S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map showing the layout of map panels for this jurisdiction.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at www.fema.gov/msc.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov.

Figure K-36. Single-Jurisdiction Multi-Panel DFIRM Notes to Users, DOQ Base Map

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

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 shown on this FIRM. Users should be aware that BFEs shown on the FIRM 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 Flood profiles and Floodway Data and/or Summary of Stillwater Elevations tables should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table shown on this map. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Floodway Data table shown on this FIRM.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 17. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles (DOQs) produced at a scale of 1:12,000 from photography dated 1994 or later.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables shown on this FIRM (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at www.fema.gov/msc.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov.

Figure K-37. Single-Jurisdiction DFIRM Notes to Users, DOQ Base Map, Only Panel Printed

The assigned Mapping Partner shall use the following notes in the FIRM Notes to Users section. Several notes contain variables that are specific to the conditions that exist in the FIRM. The variable should be chosen and inserted when the FIRM is prepared. The variables are shown in italics in these examples.

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
NOTES TO USERS	Notes to Users title	18 Pt. Verdana CAPS
This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.	This note shall be shown on all FIRM panels.	10 Pt. Arial CLC (key words bold)
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 Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM 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 should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.	This note shall be used to inform the user that supplemental flood elevation information is located within the FIS Report. It shall be omitted from the Notes to User if the FIRM is not accompanied by an FIS Report. A modified version of this note, shown below, is used on FIRM and FIS Report combination panels.	10 Pt. Arial CLC (key words bold)

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>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 shown on this FIRM. Users should be aware that BFEs shown on the FIRM 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 Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.</p>	<p>This note shall be used to inform the user that supplemental flood elevation information is located on the map panel. It is used on FIRM and FIS Report combination panels only.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Coastal Base Flood Elevations shown on this map apply only landward of 0.0' <i>National Geodetic Vertical Datum of 1929 (NGVD 29) / North American Vertical Datum of 1988 (NAVD 88)</i>. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.</p>	<p>This note shall be used to provide map users with additional information on the interpretation of coastal BFEs. The vertical datum variable is shown in italics. This note shall be omitted if the FIRM is not accompanied by an FIS Report. A modified version of this note, shown below, is used on FIRM and FIS Report combination panels.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>Coastal Base Flood Elevations shown on this map apply only landward of 0.0' <i>National Geodetic Vertical Datum of 1929 (NGVD 29) / North American Vertical Datum of 1988 (NAVD 88)</i>. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table shown on this map. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.</p>	<p>This note shall be used to inform the user that additional information on the interpretation of coastal BFEs is located on the map panel. The vertical datum variable is shown in italics. It is used on FIRM and FIS Report combination panels only.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Special Flood Hazard Areas were determined by approximate study methods. Therefore, no Flood Insurance Study Report was developed.</p>	<p>This note shall be used on FIRMs that contain only approximate flood analyses and are not accompanied by an FIS Report.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.</p>	<p>This note shall be used to reference boundaries and widths of the floodway. It also references the NFIP as the authority for floodways and refers users to other floodway data in the FIS Report. This note shall be omitted if the FIRM is not accompanied by an FIS Report. A modified version of this note, shown below, is used on FIRM and FIS Report combination panels.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Floodway Data table shown on this FIRM.</p>	<p>This note shall be used to refer users to other floodway data located on the map panel. It is used on FIRM and FIS Report combination panels only.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.</p>	<p>This note shall be used to refer the user to the FIS Report for additional information on flood control structures within the jurisdiction. This note is omitted if the FIRM is not accompanied by an FIS Report. It is also omitted on FIRM and FIS combination panels. The variable FIS Report section is italicized.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>The projection used in the preparation of this map was <i>Universal Transverse Mercator (UTM) zone 17</i>. The horizontal datum was <i>NAD 83, GRS80</i> spheroid. Differences in datum, spheroid, projection or <i>UTM</i> zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.</p>	<p>This note shall be used to provide map users with information about the projections and datums used in the production of the FIRM. The variable items are italicized.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Flood elevations on this map are referenced to the <i>National Geodetic Vertical Datum of 1929</i>. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:</p> <p>Spatial Reference System Division National Geodetic Survey, NOAA Silver Spring Metro Center 1315 East-West Highway Silver Spring, Maryland 20910 (301) 713-3191</p>	<p>This note shall be used to reference vertical datum (used for flood elevation determinations) and refer map users to the National Geodetic Survey website. The vertical datum variable is shown in italics. See Section K.5.1 for Vertical Datum notes placed in the map legend.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.</p>	<p>This note shall be used to tell users where to find additional information about the bench marks shown on the FIRM. When local qualifying monuments are included on the FIRM, a reference phone number and URL (if available) are included, and a modified version of the bench mark note is used.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Qualifying bench marks for this jurisdiction lie outside of the corporate limits. See the Qualifying NGS Bench Marks table in the FIS Report for a listing of bench marks. To obtain current elevation, description, and/or location information for qualifying bench marks located in the vicinity of this jurisdiction, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.</p>	<p>This note shall be used to tell the user where to find information about bench marks that are not located within the community.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Qualifying bench marks for this jurisdiction are located on non-printed panels. To obtain current elevation, description, and/or location information for qualifying bench marks located in the vicinity of this jurisdiction, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.</p>	<p>This note shall be used to tell the user where to find information about bench marks that are located within the community but are located in areas on non-printed panels.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>Qualifying bench marks for this jurisdiction lie outside of the corporate limits and are located on non-printed panels. See the Qualifying NGS Bench Marks table in the FIS Report for a listing of bench marks. To obtain current elevation, description, and/or location information for qualifying bench marks located in the vicinity of this jurisdiction, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.</p>	<p>This note shall be used to tell the user where to find information about bench marks that are not located within the community or are located within the community but are located in areas on non-printed panels.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1998 or later.</p> <p>Base map information shown on this FIRM was provided in digital format by the Flood County Office of GIS. This information was photogrammetrically compiled at a scale of 1:4,800 from aerial photography dated February 1996.</p> <p>Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by Montgomery County. This information was compiled from aerial photography, GPS coordinates, and coordinate geometry (COGO) using sources material dated 1995. Additional information was photogrammetrically compiled at a scale of 1:6,000 from aerial photography dated 1999.</p>	<p>These three examples show the base map source note set up. The base map source note shall be used to provide basic information about the base map source(s) used in the production of the FIRM. The note shall include the base map producer (community agency or USGS), scale, and approximate date of the base map data.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
<p>This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables for <i>[insert stream names]</i> in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.</p>	<p>This note shall be used when the FIRM base map files contain improved/updated stream configurations in areas where detailed flood hazard analyses have not been revised. If this condition applies to five streams or fewer, the streams are listed by name. If it applies to more than five streams, the stream names are omitted. This note is omitted if it does not apply to any streams in the jurisdiction or if an FIS Report does not accompany the FIRM. On FIRM and FIS Report combination panels, the words “in the Flood Insurance Study Report” (shown in italics) are omitted.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for <i>[insert stream names]</i> in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.</p>	<p>This note shall be used when the FIRM base map files contain improved/updated stream configurations and improved floodplain configurations based on updated topographic information in areas where detailed flood hazard analyses have not been revised. If this condition applies to five streams or fewer, the streams are listed by name. If it applies to more than five streams, the stream names are omitted. This note is omitted if it does not apply to any streams in the jurisdiction or if an FIS Report does not accompany the FIRM. On FIRM and FIS Report combination panels, the words “in the Flood Insurance Study Report” (shown in italics) are omitted.</p>	<p>10 Pt. Arial CLC (key words bold)</p>
<p>Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.</p>	<p>This note shall be shown on all FIRM panels.</p>	<p>10 Pt. Arial CLC (key words bold)</p>

Notes to Users		
*Font specifications that cannot be matched may be approximated		
Example	Feature/Usage	Specification
Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.	This note shall be used on countywide FIRMs to provide map users with information about what they can find on the Map Index.	10 Pt. Arial CLC (key words bold)
Please refer to the separately printed Map Index for an overview map showing the layout of map panels for this jurisdiction.	This note shall be used on single jurisdiction FIRMs to provide map users with information about what they can find on the Map Index. it should be omitted if no index exists.	10 Pt. Arial CLC (key words bold)
Contact the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and /or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.msc.fema.gov/ .	This note shall be used to refer users to FEMA’s Map Service Center for other pertinent information that may be available. It shall be shown on all FIRM panels.	10 Pt. Arial CLC (key words bold)
If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at www.fema.gov .	This note shall be used to refer the map user to the FEMA website and the 1-877-FEMA MAP phone number. It shall be shown on all FIRM panels.	10 Pt. Arial CLC (key words bold)

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K.9 Preliminary Flood Insurance Rate Map Deliverables

Preliminary FIRMs shall be sent to communities for review and comment. Unlike final FIRMs, Preliminary FIRMs shall be plotted individually rather than printed with an offset printing process. FIRMs that were prepared using Digital Orthophoto Quadrangle or community-provided orthophoto base maps shall be sent to communities in full-color at the Preliminary stage; all other vector-based FIRMs shall be plotted in black and white for Preliminary distribution.

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K.10 Deliverables to Map Service Center

The assigned Mapping Partner shall send all FIRM deliverables to the MSC for printing by the U.S. Government Printing Office (GPO) on a regular pre-determined schedule. The deliverables shall include photographic reproducibles of the FIRM and/or digital files as well as all associated paperwork (e.g., Community Map Actions list, print requisition forms).

If photographic reproducibles are to be submitted to the MSC, the assigned Mapping Partner shall submit one negative for each ink color used on the map. Digital files, if submitted, shall be in a universal graphic format, such as PDF, optimized for printing. If digital files are submitted, the GPO shall be responsible for converting the digital files into printed documents. For two-color digital FIRMs, black and a cyan blue spot color specified for use by the GPO printers shall be prepared, to produce two-color digital files.

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