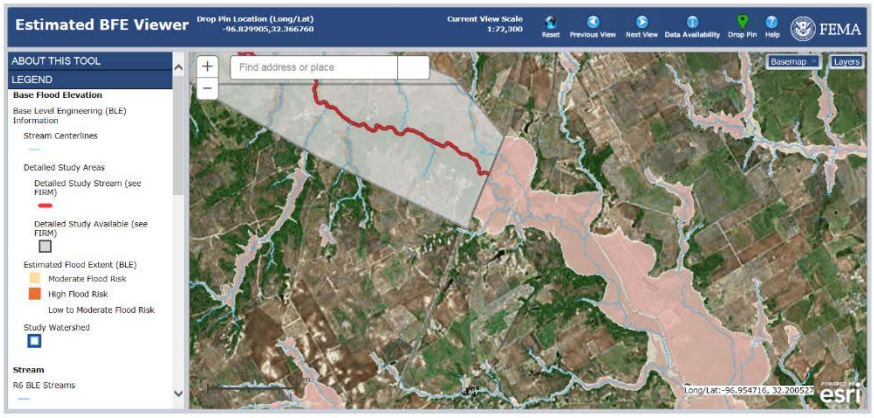
Using the Estimated BFE Viewer

As a part of the Risk Mapping, Assessment, and Planning (Risk MAP) process, FEMA is required to review the validity of the flood hazard information every five years. FEMA is currently preparing cursory flood hazard analysis at a watershed basis to support the assessment of the flood hazard data shown on their Flood Insurance Rate Maps (FIRM). The flood hazard uses high resolution ground elevation data, calculates high level flood flow estimations, and prepares hydraulic modeling to determine how natural water courses convey the predicted flood and define estimated flood extents. The analysis is also being made available to local communities and State entities who assist FEMA in the administration of the National Flood Insurance Program (NFIP).

This analysis based on current conditions is informed by readily available land use data, providing valuable flood risk information for a number of streams that are currently not included in FEMA's flood inventory. This effort provides flood hazard data for the 1-percent annual chance flood event, providing data that can be used for local planning and development and in advance of a FIRM update.



To allow individuals, communities, States and Federal entities an opportunity to engage with the results, FEMA developed the **Estimated Base Flood Elevation (BFE) Viewer.** The viewer provides an estimated flood risk (high, moderate, low), returns site specific estimated flood elevations and flood depths. The interactive viewer can be accessed at https://apps.femadata.com/estbfe.

Steps for Viewing the Estimated BFE

After accessing the Estimated BFE Viewer at https://apps.femadata.com/estbfe, users must first click "OK" to agree to the privacy and security terms of the site in order to use the application.

Step 1: A welcome window will provide an address search window, or users may click "continue" and type the address of interest on the search window above the map. Enter a street address or place either of these search tools.

Step 2: Verify the location of interest. Select the **Drop Pin** 

feature from the top tool bar and place the pin at the point of interest. If the pin is red, users should zoom in closer to best locate the area of interest. Users should locate their structure and place the "pin" at the farthest upstream edge of the building or property of interest.

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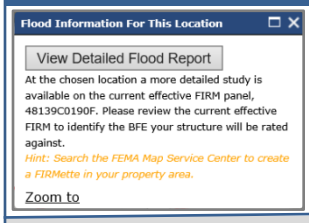
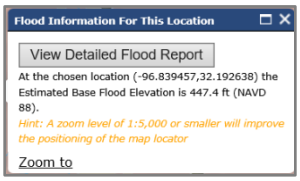
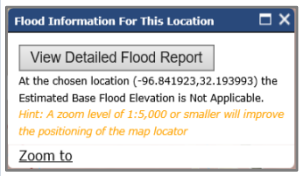
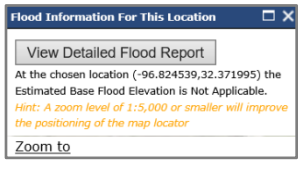
There are four possible outcomes dependent upon where the **Drop Pin** is placed: Detailed Study Available, High Risk, Low to Moderate Risk and Low Risk. More information is available in Table below.

Detailed Study	High Flood Risk	Moderate Flood Risk	Low Flood Risk
			
Flood Risk Report Details: - Effective FIRM panel that should be reviewed to determine current Base Flood Elevation - Longitude/Latitude - Model Location	**Flood Risk Report Details:** - Estimated Flood Elevation - Estimated Flood Depth - Longitude/Latitude - Model Location	**Flood Risk Report does not include Flood Elevations at this time.** Land and structures in the lighter shaded areas may experience flooding during an event that exceeds the 1% annual chance.	**Flood Risk Report does not include Flood Elevations at this time.** Land and structures outside of any indicated flood extent may experience flooding during an event that exceeds the 0.2% annual chance.

Note: At this time, flood elevations are only available in the High Flood Risk flood extent area.

Step 3: Click "View Detailed Flood Report" box to generate the PDF report. A window will appear at the bottom of your screen prompting you to save or open a file called Report.pdf. This is the detailed report for the interest area.

Using the Flood Risk Information

Before building, property and business owners should consult their local government officials to determine the mandatory elevations and any construction requirements for their community, including any additional local restrictions that may be enforced near flood prone areas. Local building and permitting varies by community. The information provided on the Flood Risk Information Report will allow you to meet with your local building and permitting authority to discuss your individual property building requirements.

BLE Model

If you would like to obtain a copy of the modeling data used to prepare this site, a data request can be submitted to FEMA's Engineering Library to obtain the data. Visit the Engineering Library webpage (https://www.fema.gov/engineering-library) to download the form. Requests can be submitted by email to libraryrequest@riskmapcds.com, via fax to 1-703- 212-4090; or by mail to: FEMA Engineering Library, 847 S. Pickett Street, Alexandria, VA 22304.

Need Additional Assistance?

For general questions about navigating the Estimated BFE Viewer or if technical assistance needed, please contact the FEMA Map Information eXchange (FMIX) by:

- Telephone: 877-FEMA-MAP (1-877-336-2627)
- Email: FEMAMapSpecialist@riskmapcds.com
- Live Chat: https://www.floodmaps.fema.gov/fhm/fmx_main.html