

VFRIS

VIRGINIA FLOOD RISK INFORMATION SYSTEM



KNOW YOUR RISK. PROTECT YOUR PROPERTY. GET FLOOD INSURANCE.

VFRIS is a digital mapping platform that helps communities, real estate agents, prospective buyers and property owners discern an area's flood risk. By pulling together information from a variety of trusted sources, VFRIS allows users to quickly locate and see if property it's located within the Special Flood Hazard Area (SFHA).

KNOW YOUR RISK

Regulatory

LAYERS

Non-Regulatory

- Flood Hazard Zone
- CBRAs/OPAs
- LiMWA
- LOMCs
- BFEs
- Cross-Sections
- FIRM Panels

- Depth Cell Grids
- WSEL Grids
- Changes Since Last FIRM
- Jurisdictional Boundaries

GIS TOOLS

Map Contents/Legend



Basemaps



Search By Address



Measuring



Drawing



Printing



Add Shapefiles



Download FIS/FRR Report



Share Page

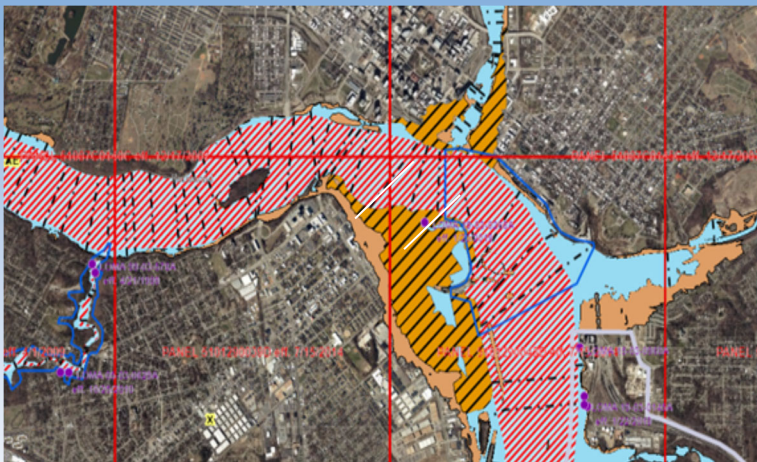


Help Window



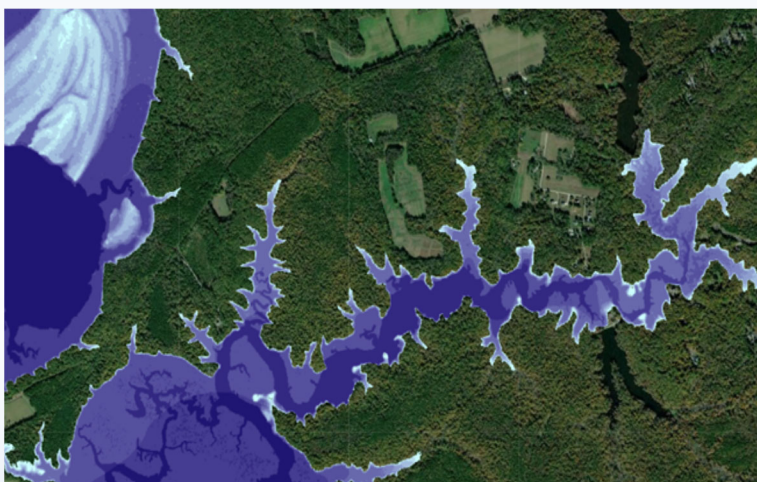
Regulatory

Regulatory layers contain data produced by FEMA, and pulled from the National Flood Hazard Layer. Data in this layer is used to enforce floodplain management regulations.



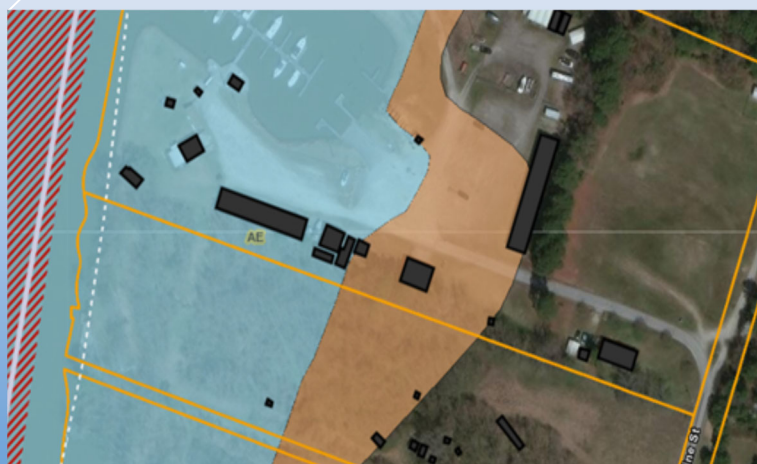
Non-Regulatory

Non-regulatory layers contain supplemental data to inform floodplain management decisions and take a deeper dive into specific geographies.



Virginia Specific

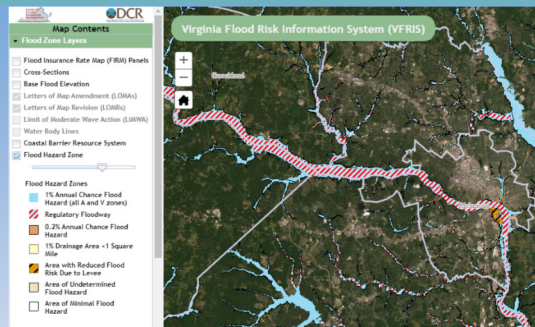
Virginia specific layers are produced by the Virginia Geographic Information Network and contain datasets with property information such as building footprints and parcel boundaries.



**No personal identifiable information is listed on these layers.*

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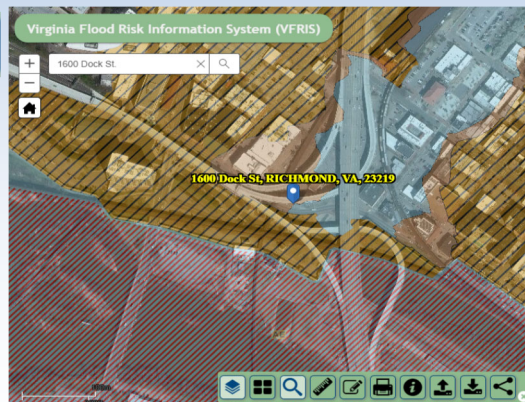
Want to see the floodplains? Layers for visualization on the map are found in the Map Contents panel on the left. Check the Flood Zone layers box to display the FEMA Special Flood Hazard Area (SFHA) layers. Gray text indicates the layer is not visible at current map scale. The map scale is shown below the scale bar in the lower left corner of the map. The Flood Zone layers have a set display scale and will appear when zoomed to 1:300,000.



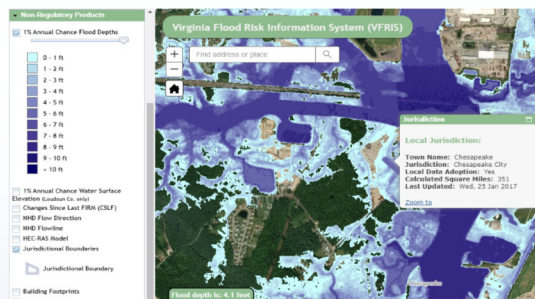
Want to search by address? Click the Address/County Search button to open the Search tool. Data is limited to the Commonwealth of Virginia. Enter a full address to return results. The user can also search by entering a Virginia county or city name, or decimal degree longitude and latitude values. The map will zoom to the entered address, locality name, or coordinates.



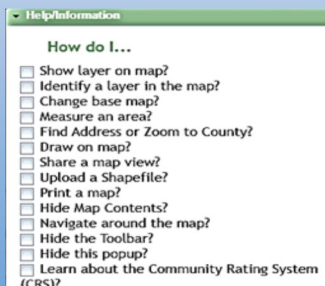
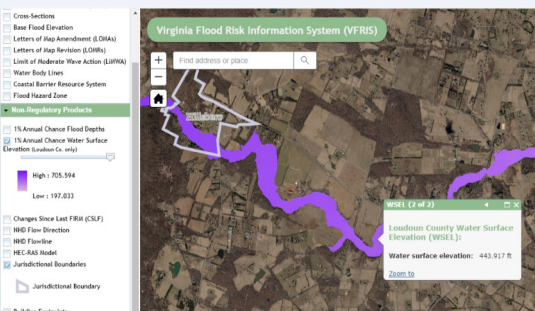
Clicking the X to the right of the search entry will clear the selection. Click the Address/County Search button again to close the Search tool.



Want to see the depth of flooding? Check the 1% Annual Chance Flood Depths layers box to display the FEMA Depth Cell Grids. Click on the map in the area in question to display the flood hazard details. The flood depth will be displayed in a separate box, in the lower left corner. The 1% Annual Chance Flood Depths layers do not have a set display scale and will appear when selected.



Want to see water surface elevations? Check the 1% Annual Chance Water Surface Elevation layers box to display the FEMA Water Surface Elevations. Click on the map in the area in question to display the jurisdiction details. In the jurisdiction details pop-up window, click on the forward triangle to advance to the next page. The water surface elevation will be displayed on page 2 of 2. The 1% Annual Chance Water Surface Elevation layers do not have a set display scale.



HELP

The Help Window will automatically appear at the opening of VFRIS. The Help Window provides step-by-step direction on how to use the features of the mapping system.

The **ZOOM** button is located in the upper left corner. If the zoom button does not appear, use **{ctrl + (-/+)}** to change the scale of the map.

FOR ADDITIONAL HELP CONTACT DCR-Floodplain Management Program