

This immersive 3D model presentation focused on flood simulation in the city of White Sulphur Springs. The animation unveils the unfolding narrative of flood scenarios. As the virtual rivers surge, we witness the transformative power of flooding. Homes, roads, and landmarks become engulfed, underscoring the destructive force. While this 3D animation provides a captivating and immersive experience, it is essential to remember that it is a representation of a potential scenario. Together, we can harness the power of awareness, preparedness, and resilience to safeguard Greenbrier County against the devastating impact of flooding.

## WV Flood Tool

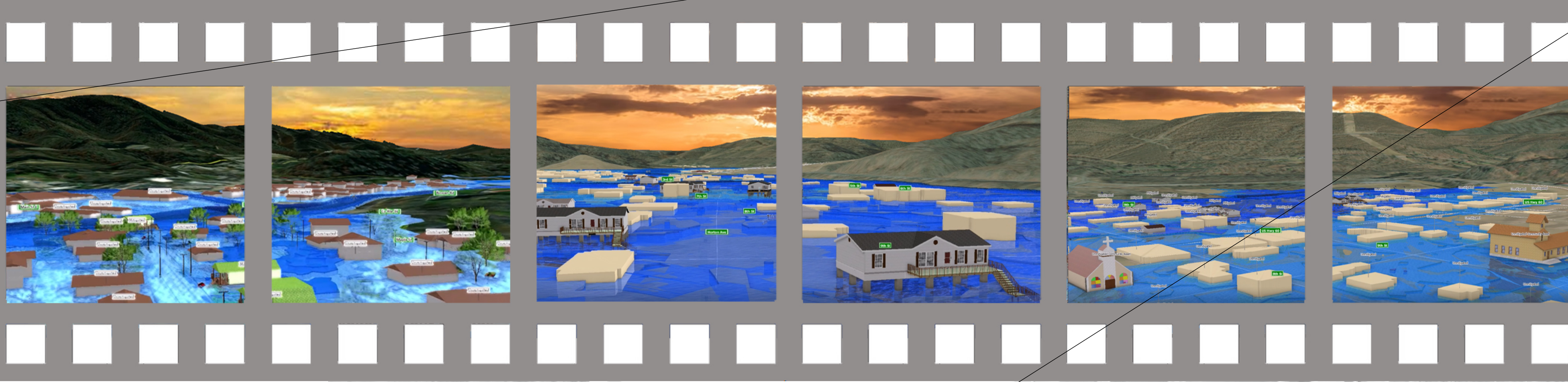
Remember: When In Doubt, It's Not Out!

Views: Public | Expert | Risk MAP | Risk | Reference | Basemaps | City | Harpers Ferry

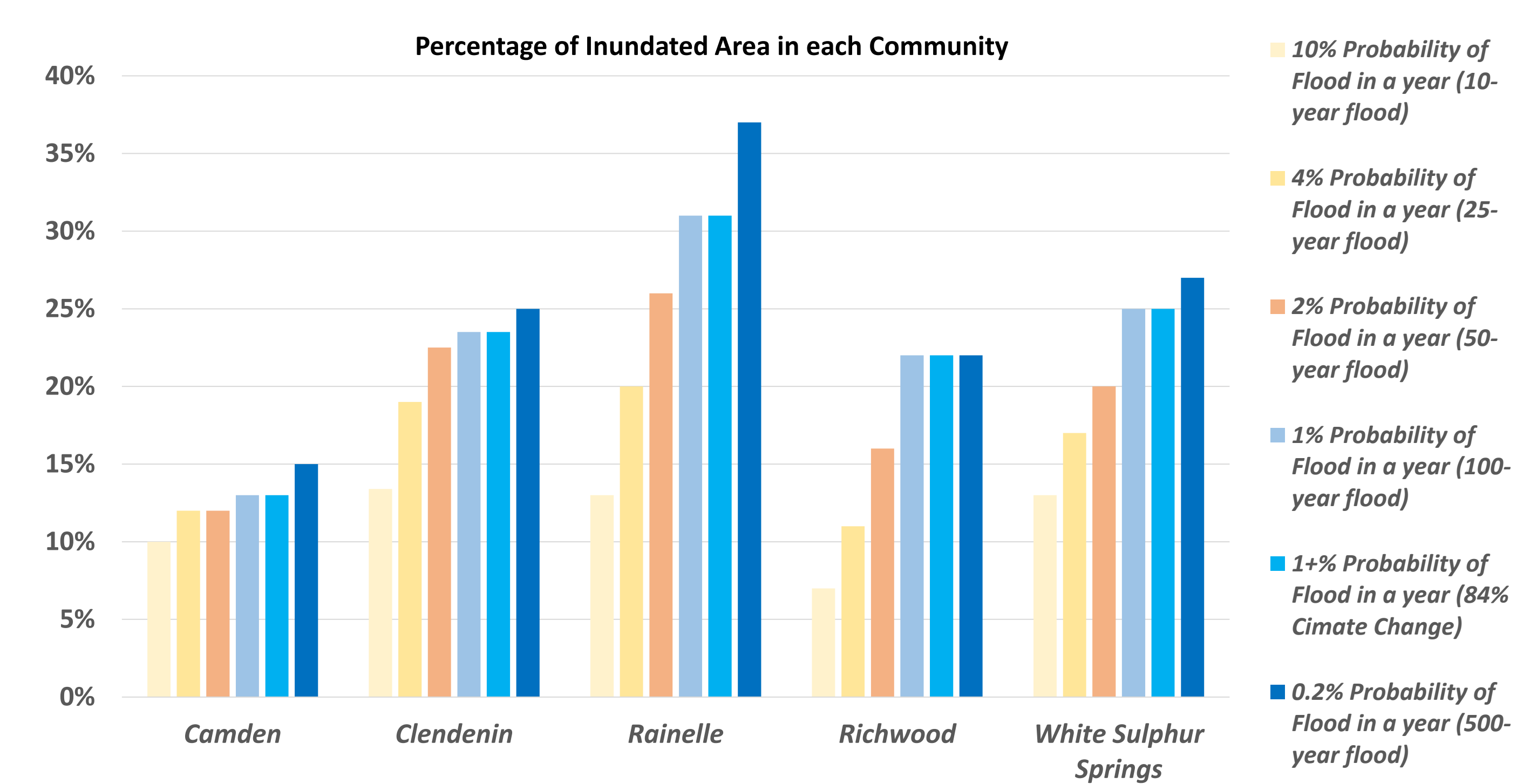
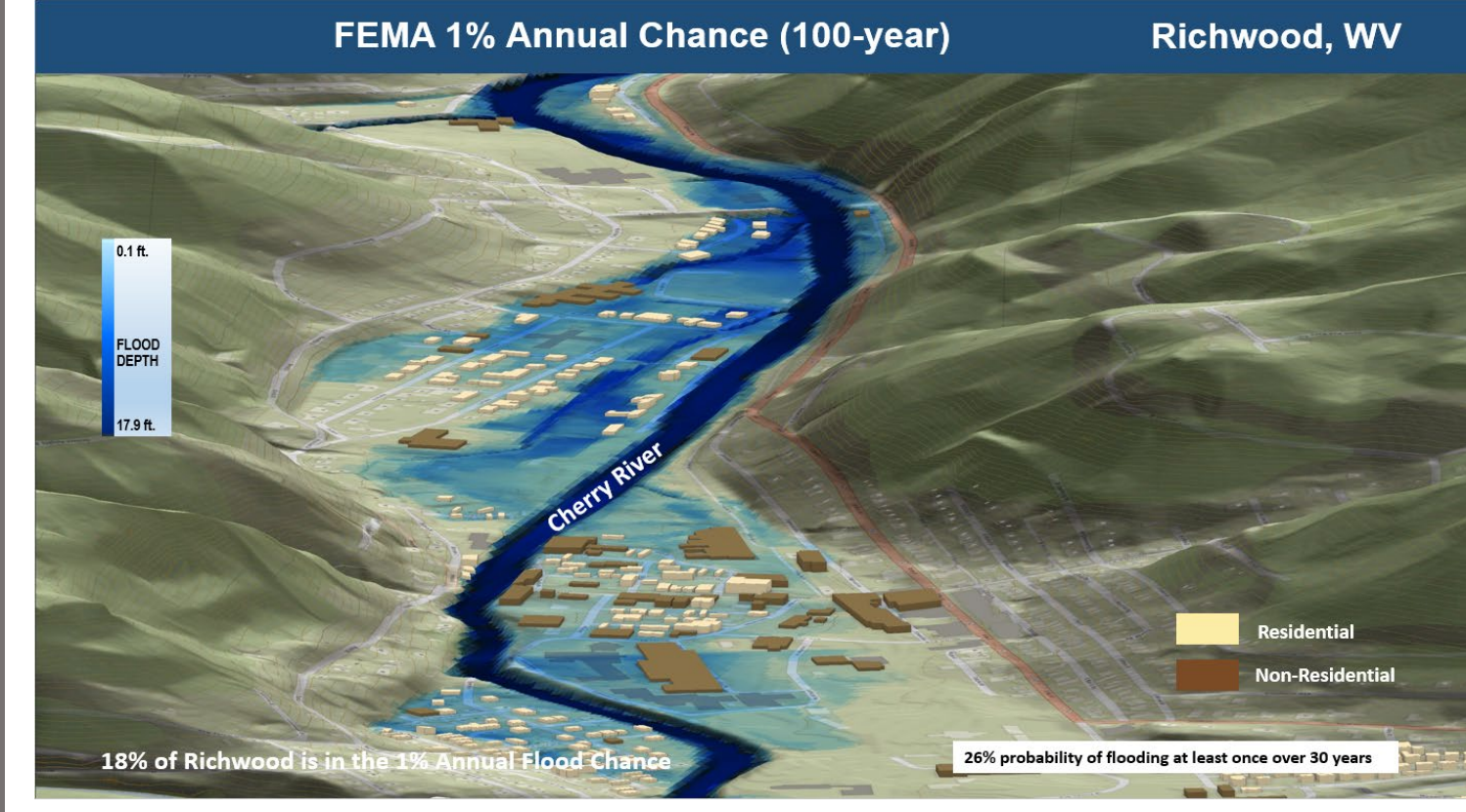
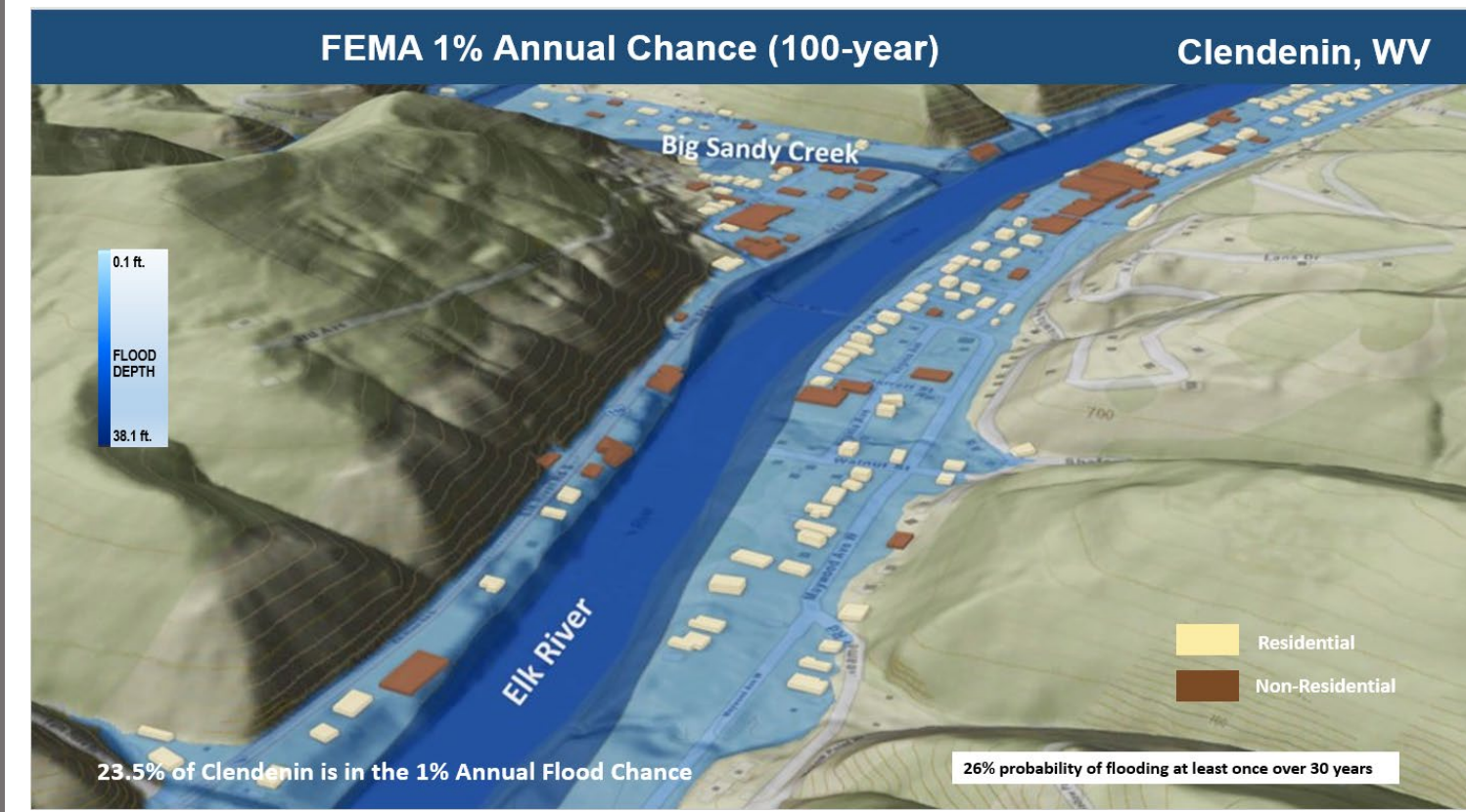
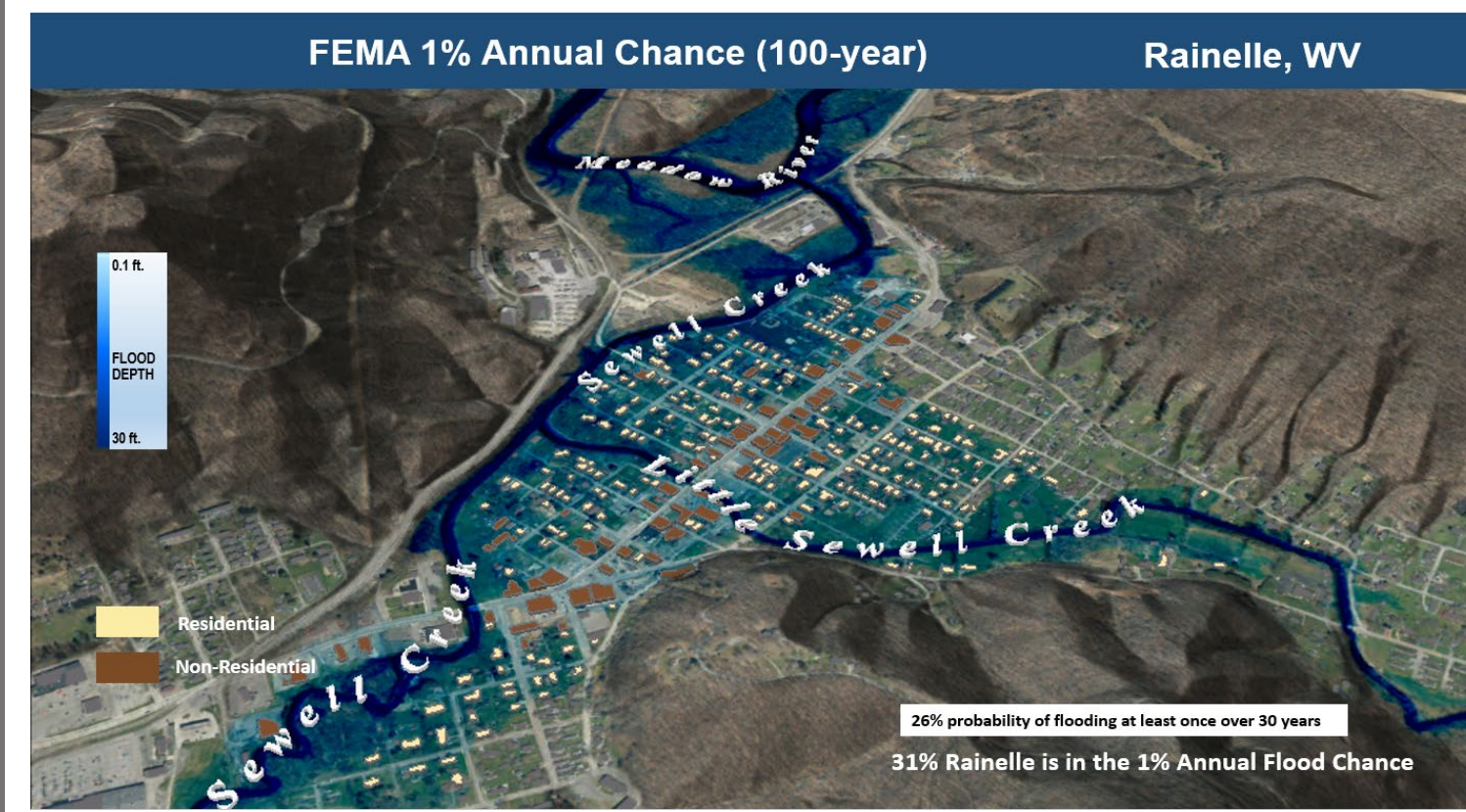
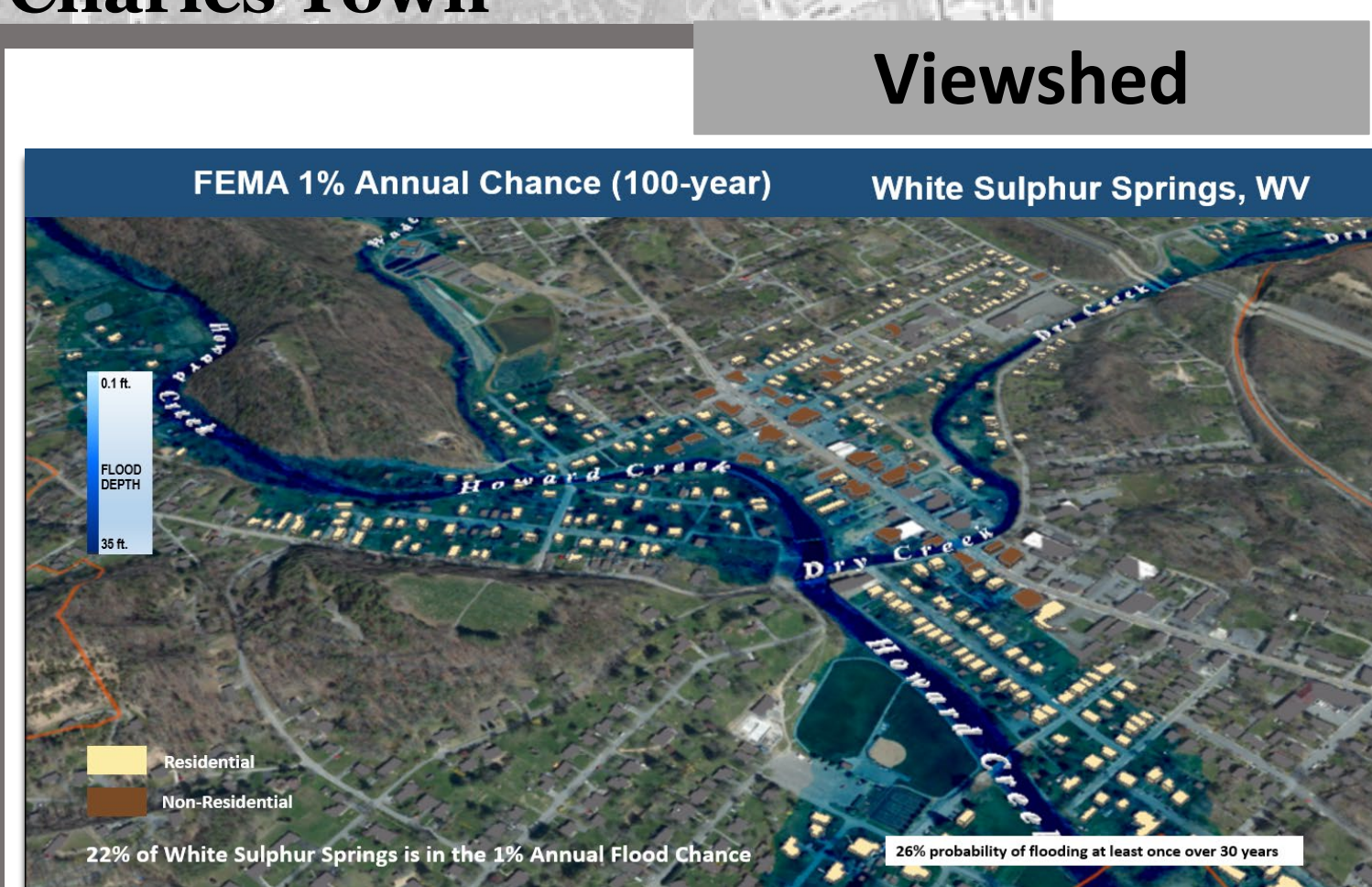
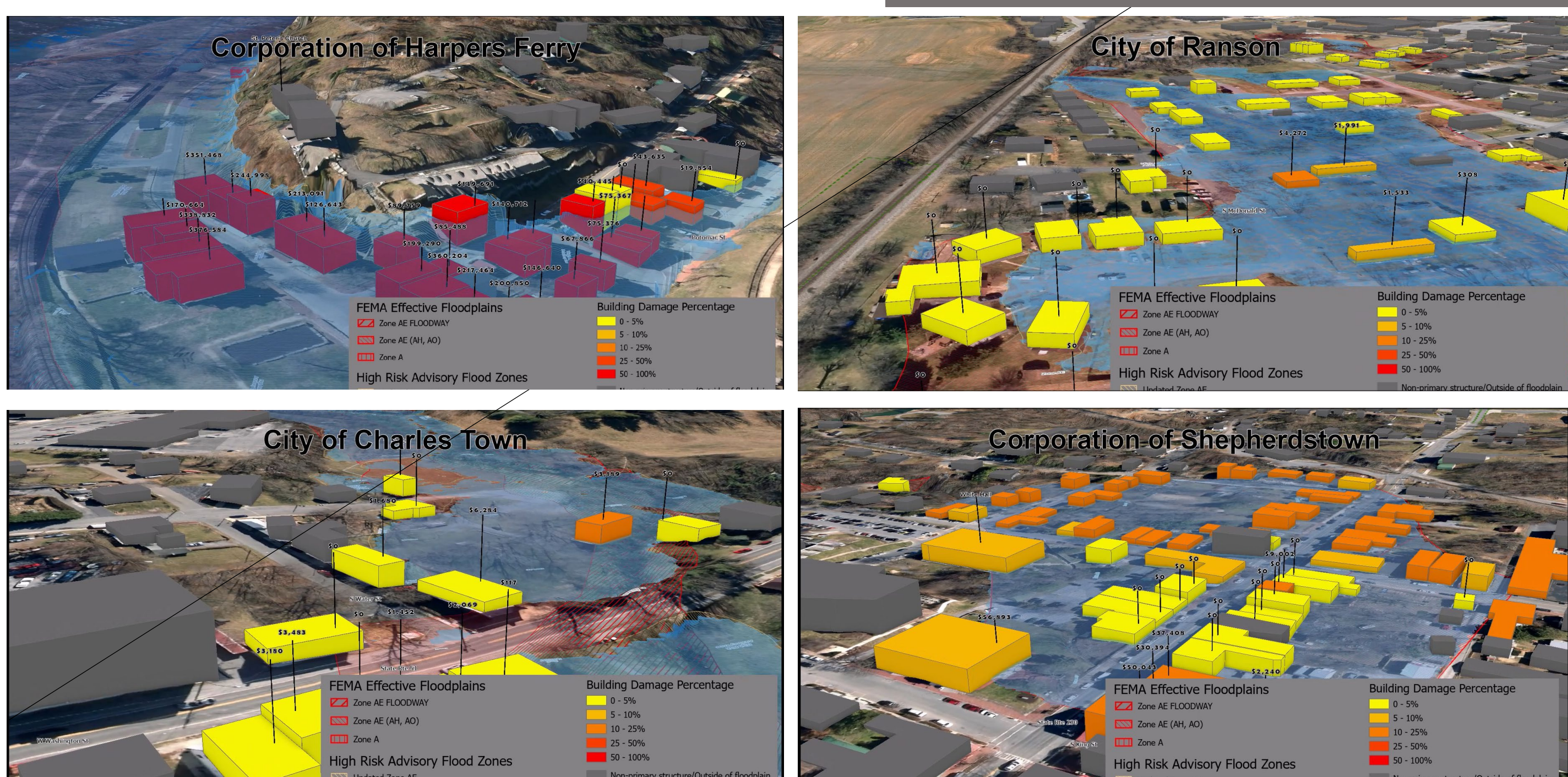
Layers: PRELIMINARY/DRAFT FLOOD LAYERS, OTHER FLOOD ZONE SYMBOLOGY, MISCELLANEOUS LAYERS

Tools: 3D Flood Movie, Repetitive Loss Area, USGS Stream Gage, River Mile Marker, General Structures, Flood Risk Assessment Status

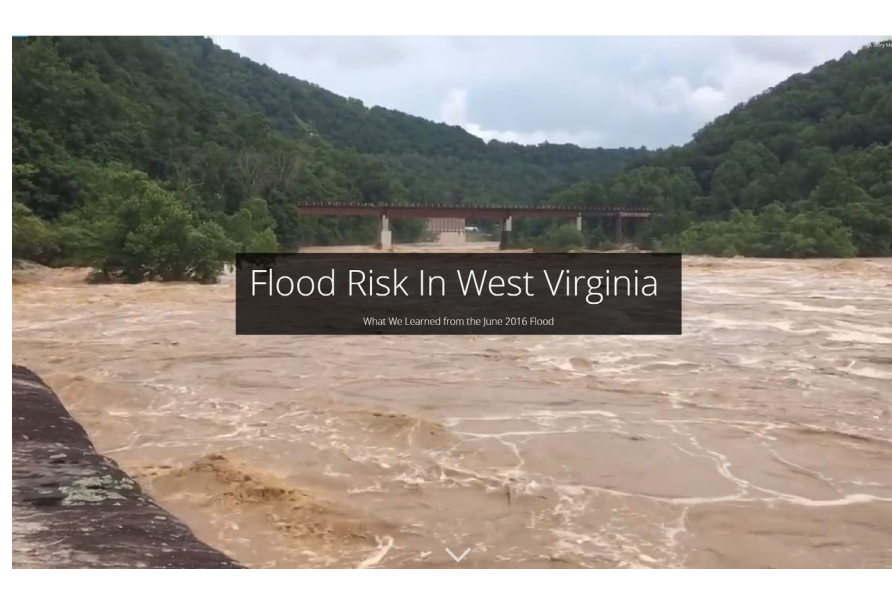
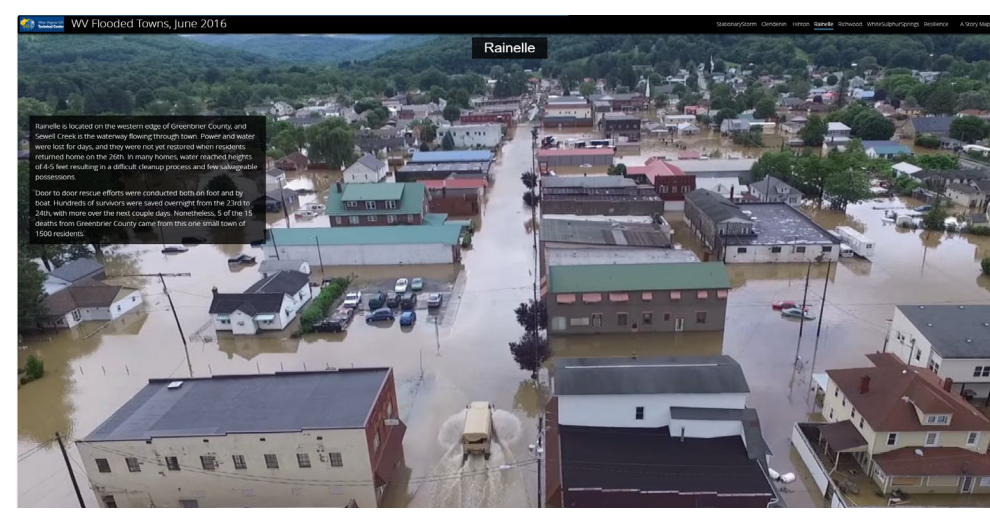
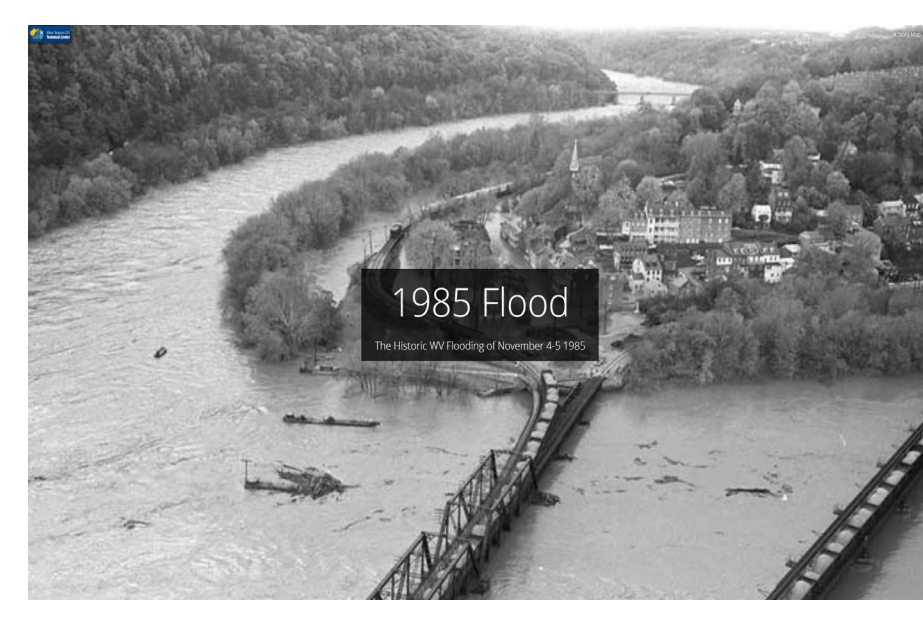
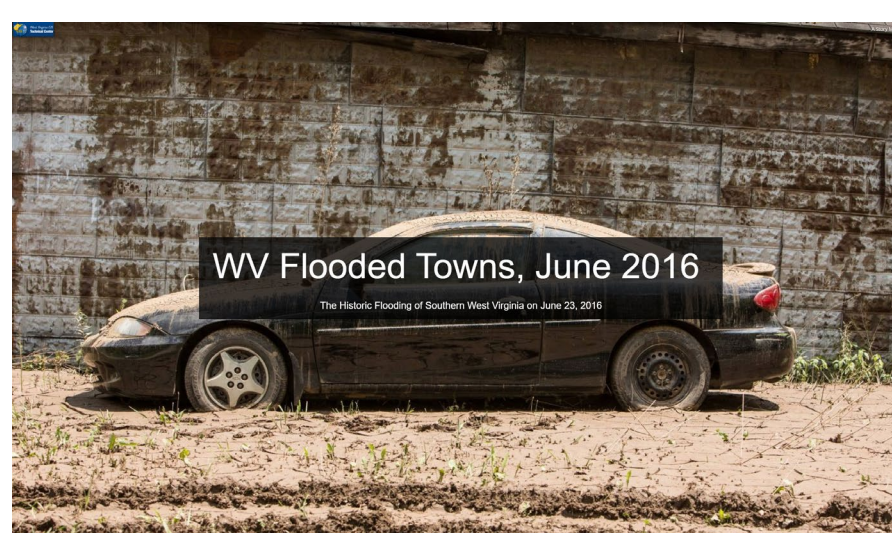
## Mitigation Animation Rainelle & White Sulphur Springs



## Damage Assessment Animation, Harpers Ferry, Ranson, Shepherdstown & Charles Town

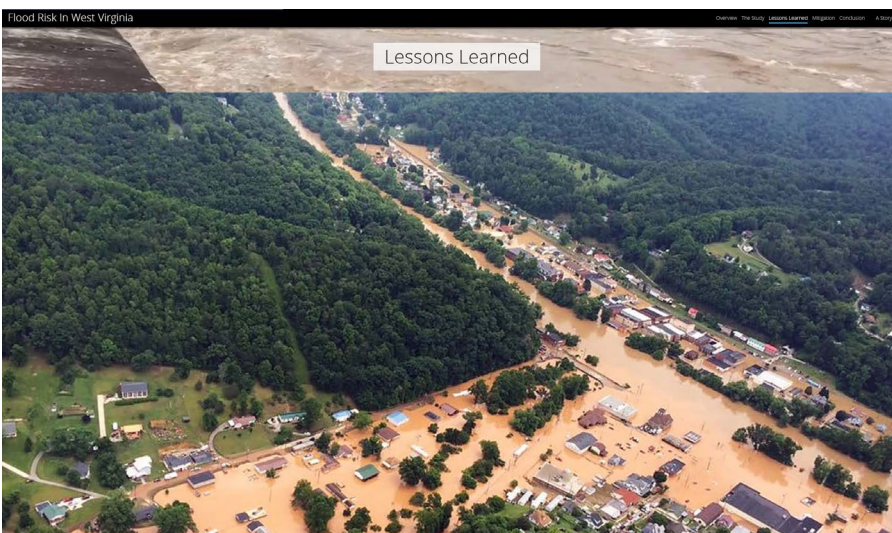


## Story Map



### MOST DESTRUCTIVE FLOODS in WEST VIRGINIA in LAST 150 YEARS

Flooding is considered as the major natural disaster in West Virginia. According to FEMA (2018), since 1953, twenty-nine severe floods have occurred in this state. However, during last 150 years, 11 floods have been known as the most deadliest floods in terms of victims and damage. In this story map, these 11 floods are orderly organized and the facts regarding to them are described.



**12-July 1868**

Locations: Boone, Wirt, Jackson & Boone County  
Fatalities: 19-25  
WV Damage (adjusted to 2015 \$): ~\$500,000 (~\$116,670,000)

## Flood 3D Visualizations, Different Scenarios

