

VIEWSHED FLOOD INUNDATED MAP

These *inundation maps* at the viewshed or *bird's eye level* portray *riverine flood* models of *different flood frequencies* and magnitudes. Flood models can be visualized at the *community* or *viewshed map scale* as seen here.

- CAMDEN-ON-GAULEY
- CLENDENIN
- KEYSTONE
- LOGAN UNINCORPORATED AREA
- NORTHFORK
- MARLINTON
- RAINELLE
- RICHWOOD
- HAMPSHIRE UNINCORPORATED AREA
- WHITE SULPHUR SPRINGS



Community-scale flood inundation maps at the viewshed level



FEMA 10% Annual Chance (10-year)

Camden-on-Gauley, WV



Gauley River

Gauley River

0.1 ft.
FLOOD DEPTH
22.1 ft.

Residential
Non-Residential

10% of Camden is in the 10% Annual Flood Chance

96% probability of flooding at least once over 30 years



FEMA 4% Annual Chance (25-year)

Camden-on-Gauley, WV



12% of Camden is in the 4% Annual Flood Chance

71% probability of flooding at least once over 30 years



FEMA 2% Annual Chance (50-year)

Camden-on-Gauley, WV



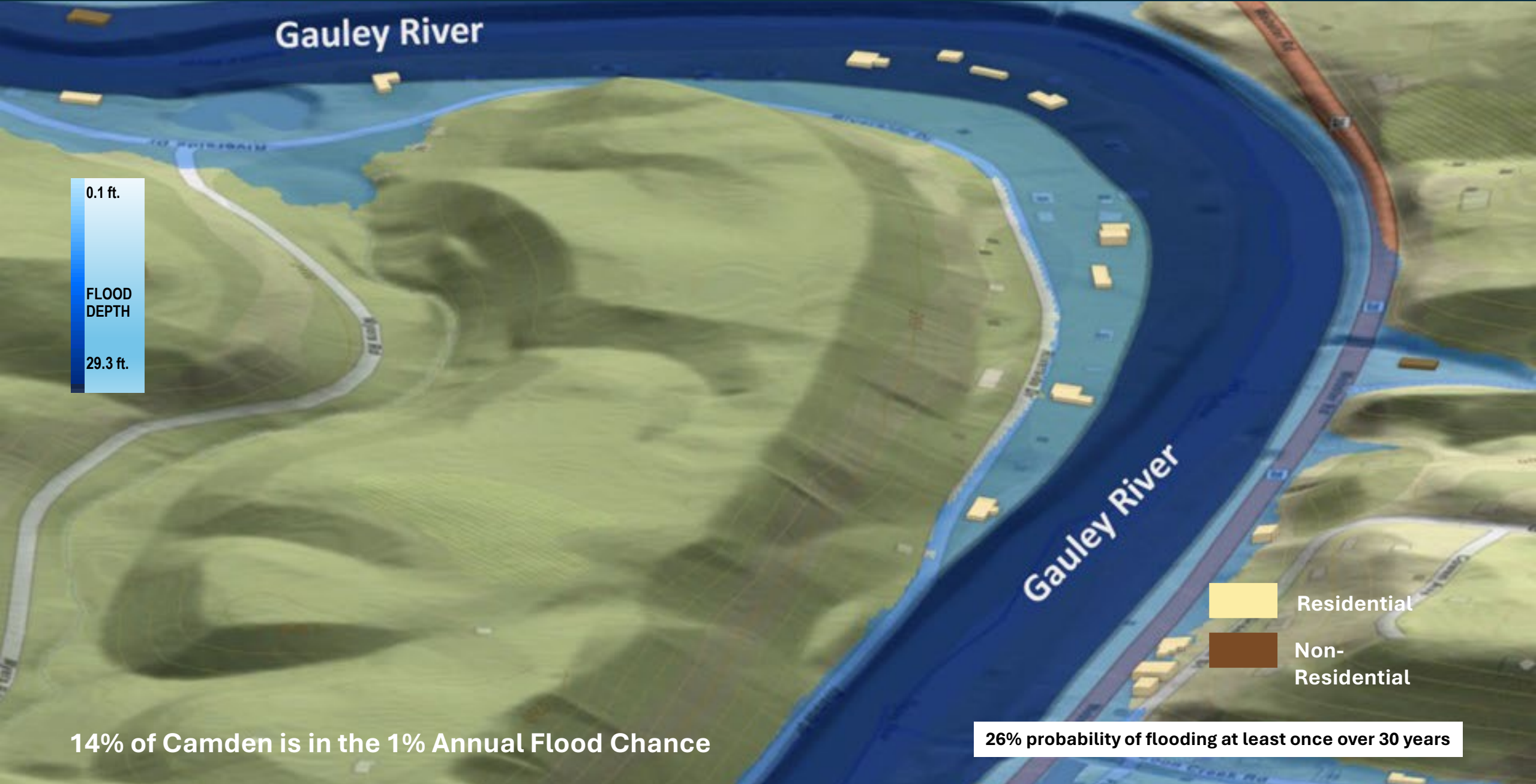
12% of Camden is in the 2% Annual Flood Chance

45% probability of flooding at least once over 30 years



FEMA 1% Annual Chance (100-year)

Camden-on-Gauley, WV



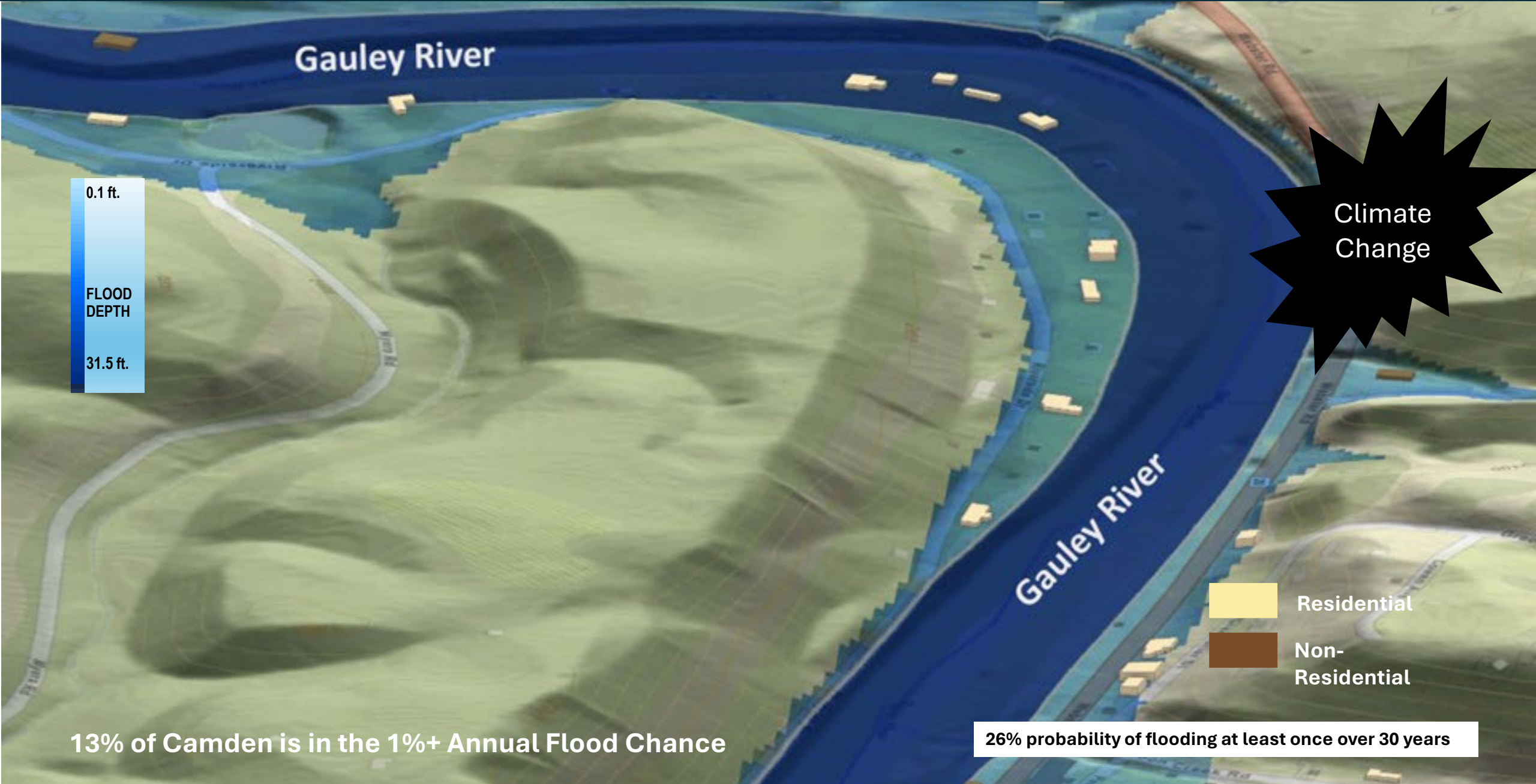
14% of Camden is in the 1% Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 1+% Annual Chance (100-year)

Camden-on-Gauley, WV



Gauley River

Gauley River

Climate Change

0.1 ft.
FLOOD DEPTH
31.5 ft.

Residential
Non-Residential

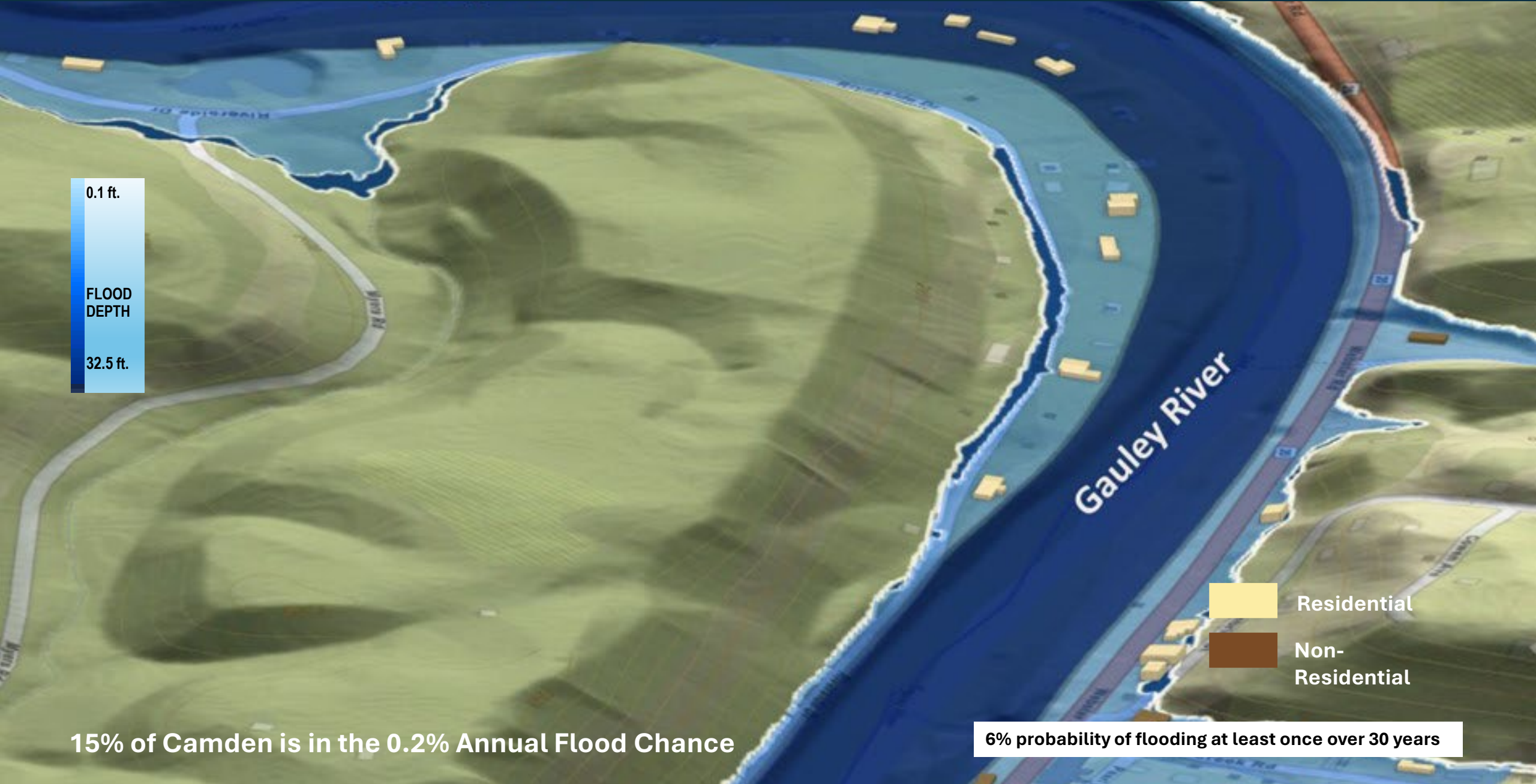
13% of Camden is in the 1%+ Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 0.2% Annual Chance (500-year)

Camden-on-Gauley, WV



0.1 ft.
FLOOD DEPTH
32.5 ft.

Residential
Non-Residential

15% of Camden is in the 0.2% Annual Flood Chance

6% probability of flooding at least once over 30 years



FEMA 10% Annual Chance (10-year)

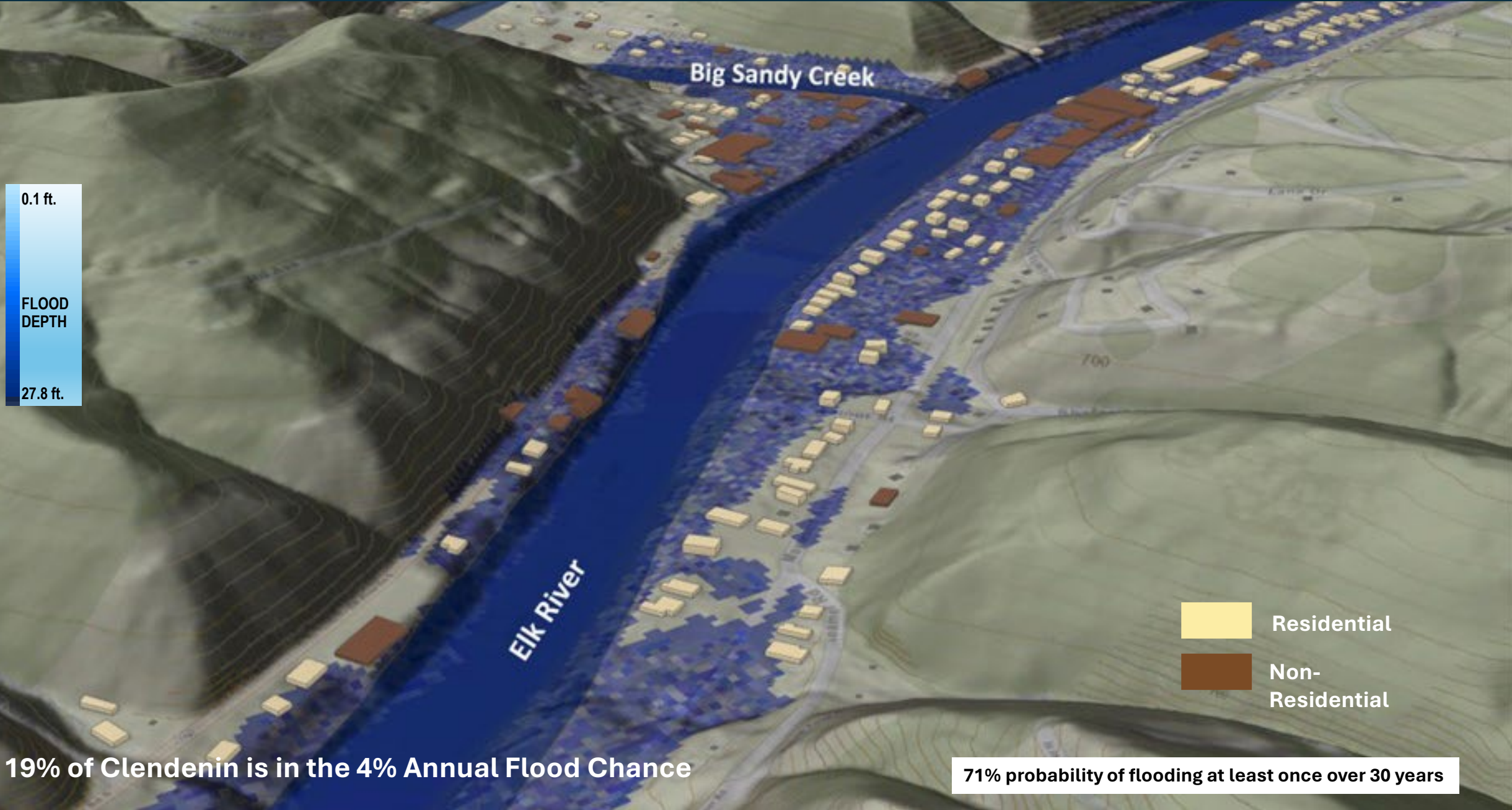
Clendenin, WV





FEMA 4% Annual Chance (25-year)

Clendenin, WV



19% of Clendenin is in the 4% Annual Flood Chance



FEMA 2% Annual Chance (50-year)

Clendenin, WV



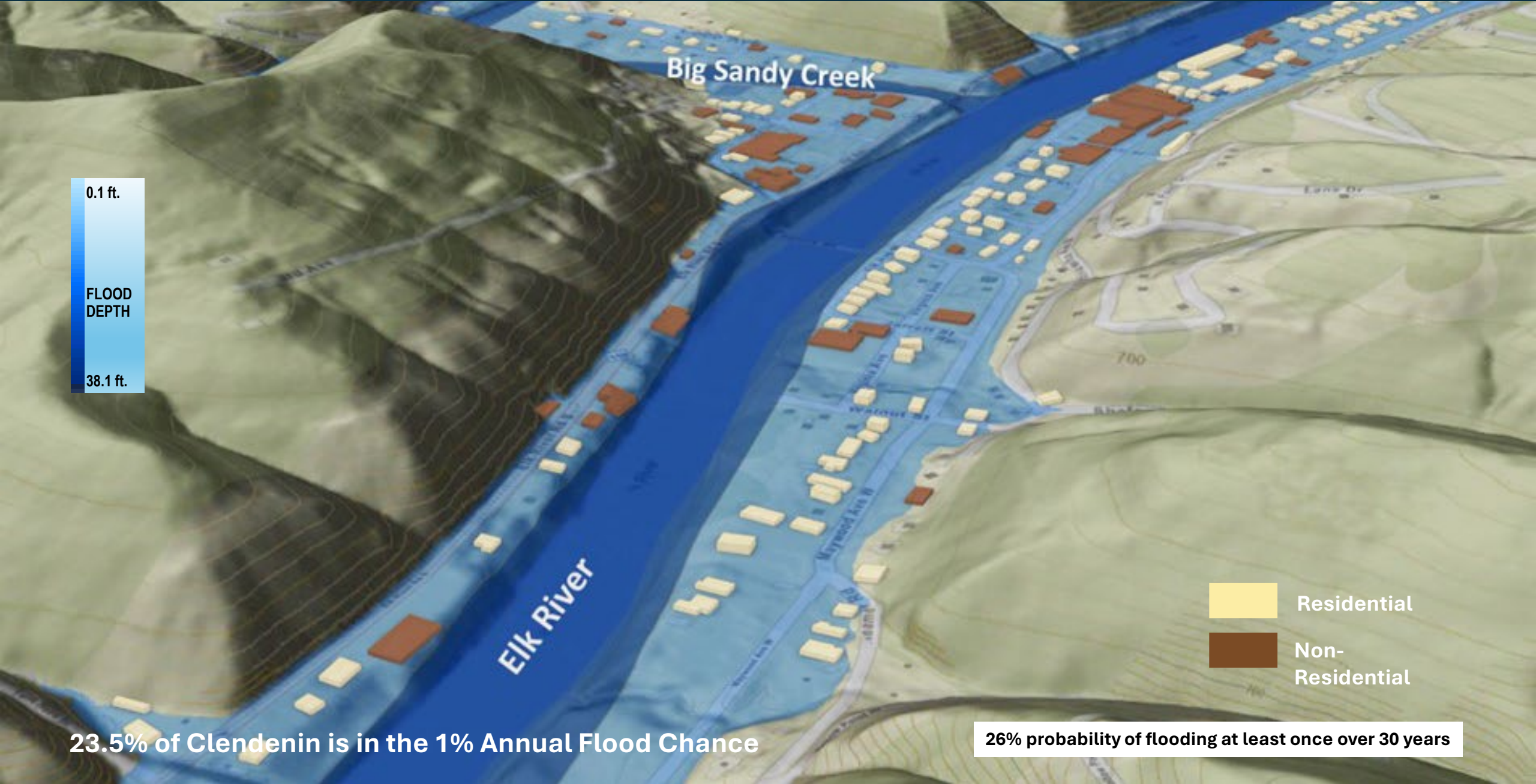
22.5% of Clendenin is in the 4% Annual Flood Chance

45% probability of flooding at least once over 30 years



FEMA 1% Annual Chance (100-year)

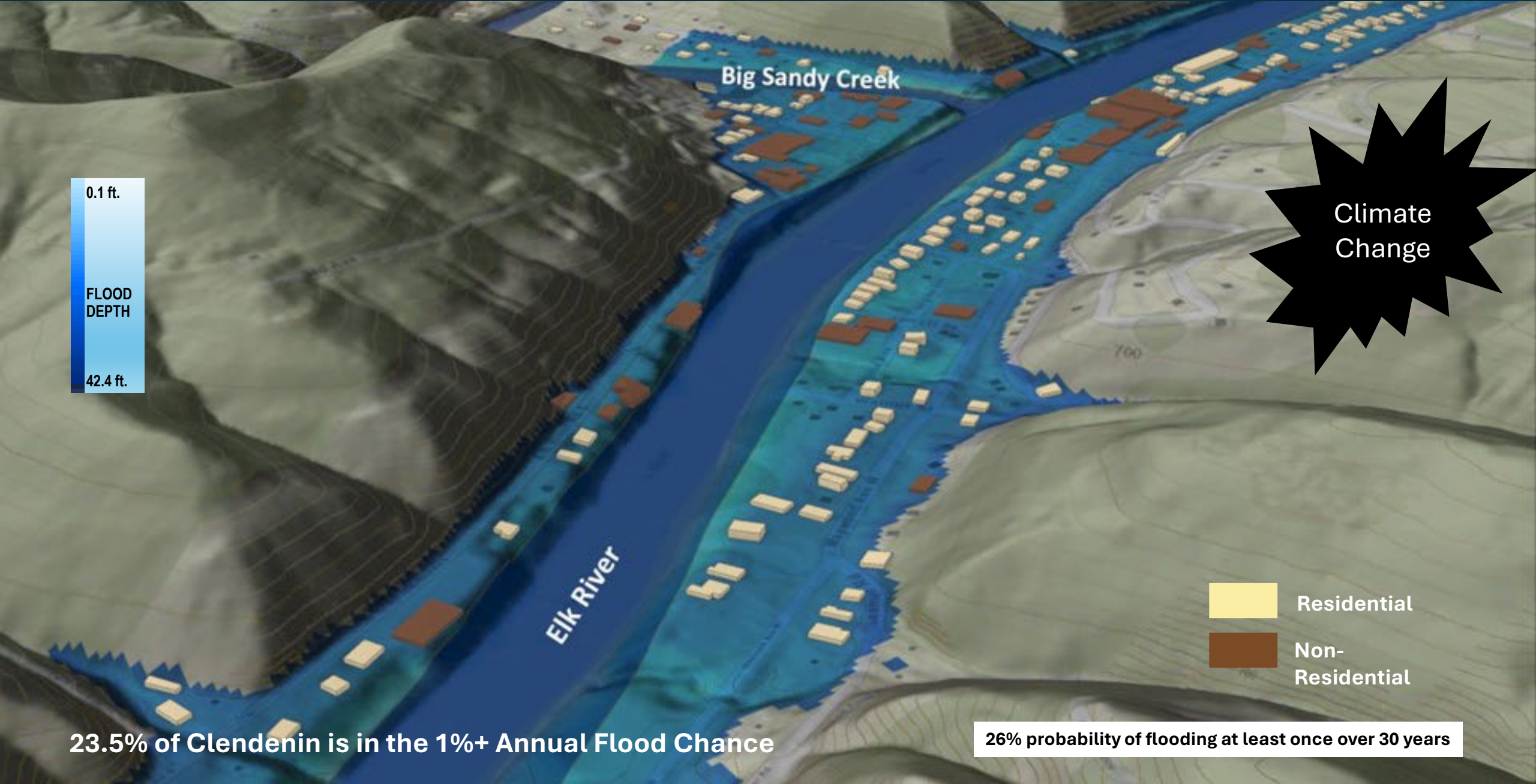
Clendenin, WV





FEMA 1%+ Annual Chance (100-year)

Clendenin, WV



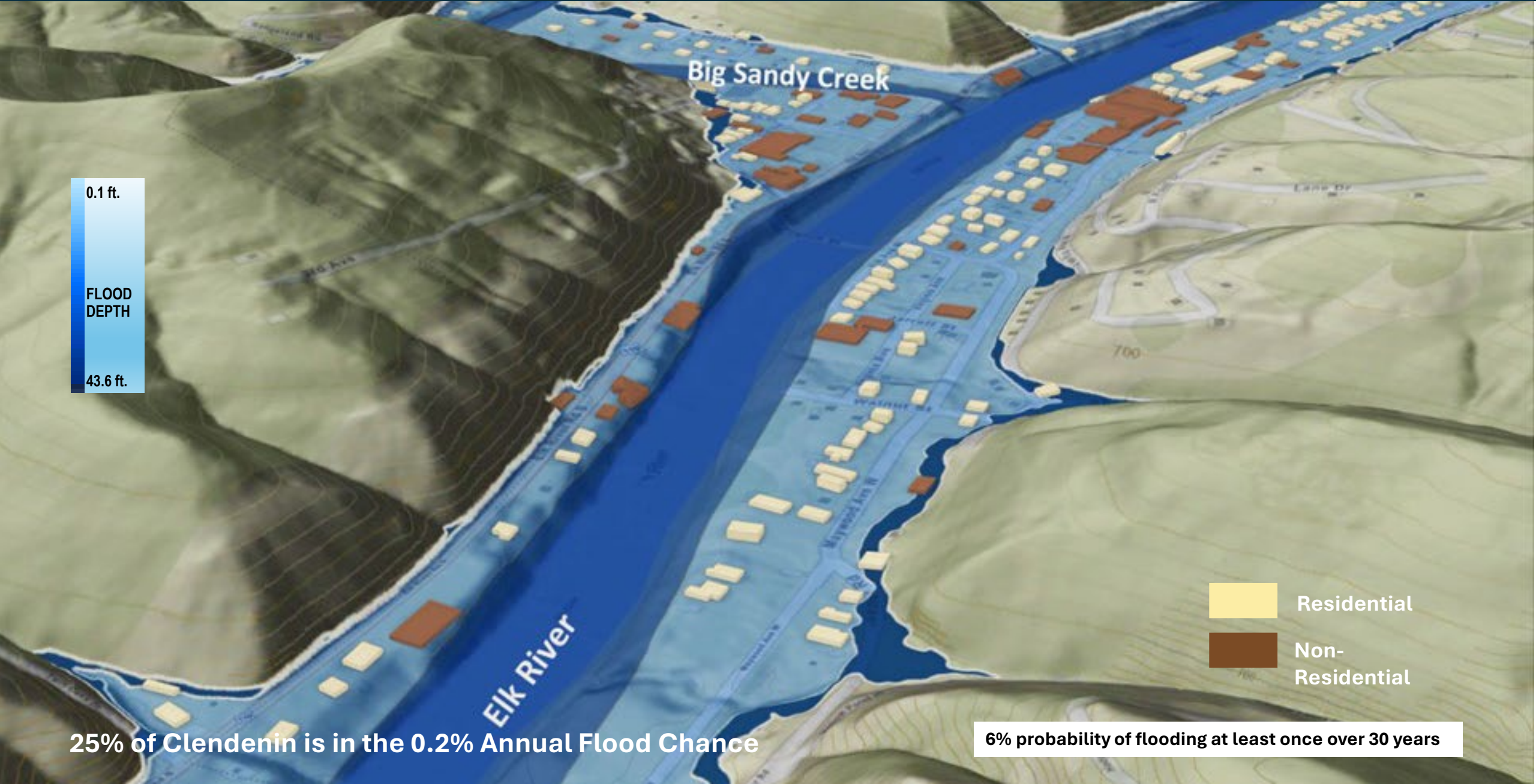
23.5% of Clendenin is in the 1%+ Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 0.2% Annual Chance (500-year)

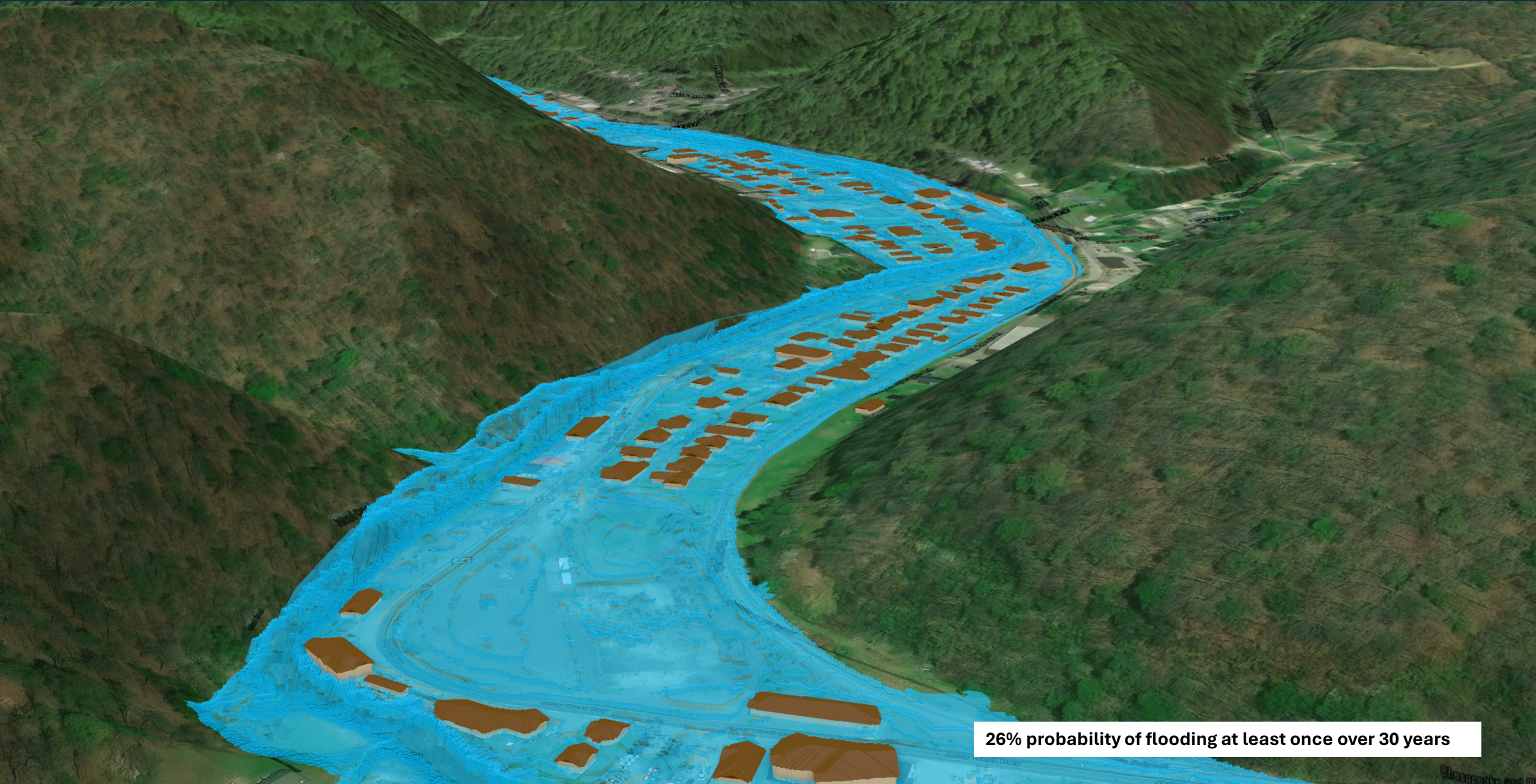
Clendenin, WV





FEMA 1% Annual Chance (100-year)

Island Creek, Logan, WV



26% probability of flooding at least once over 30 years



FEMA 1% Annual Chance (100-year)

Marlinton, WV

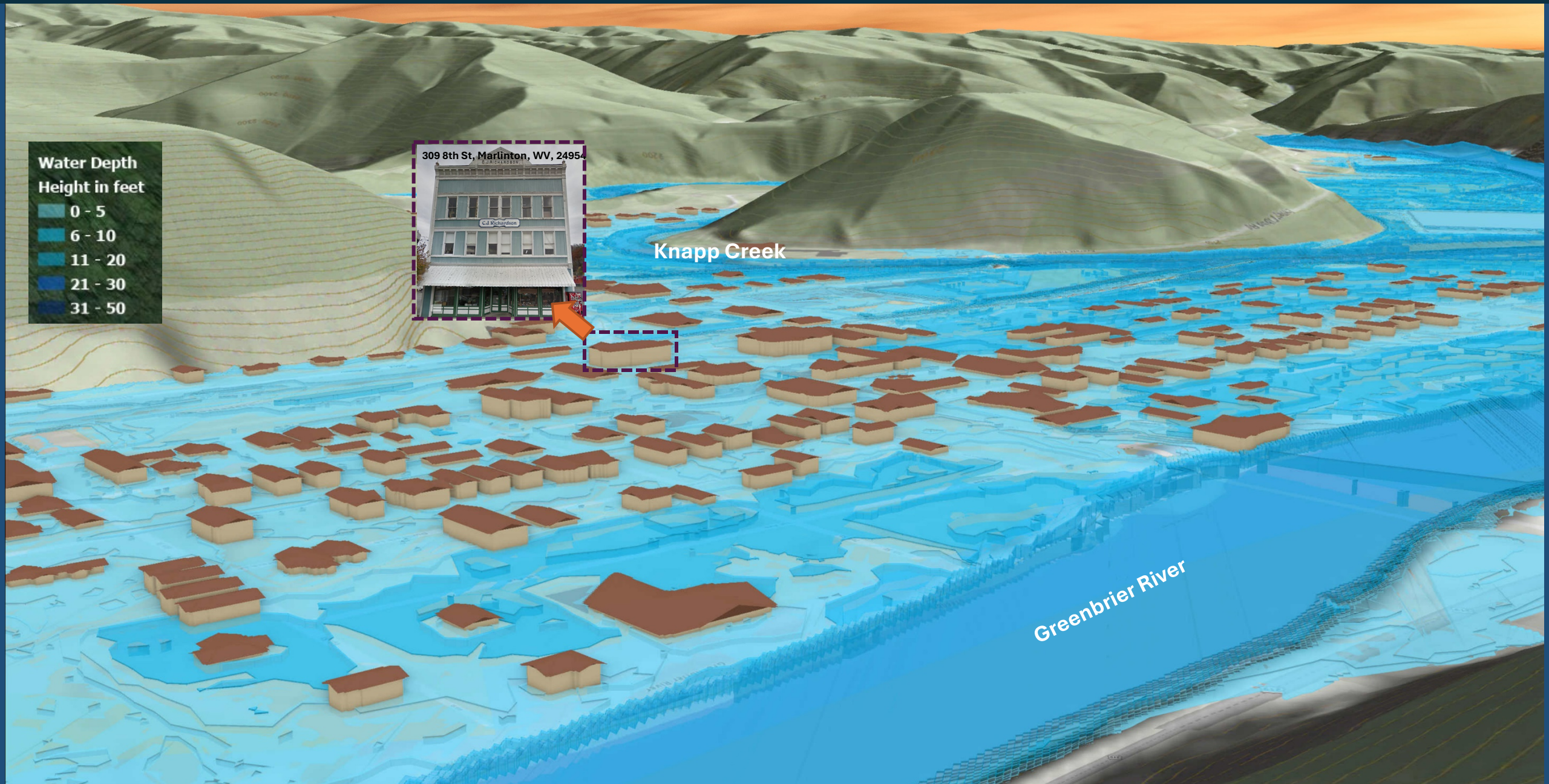
Water Depth
Height in feet

0 - 5
6 - 10
11 - 20
21 - 30
31 - 50



Knapp Creek

Greenbrier River





FEMA 10% Annual Chance (10-year)

Rainelle, WV



96% probability of flooding at least once over 30 years

13% Rainelle is in the 10% Annual Flood Chance



FEMA 4% Annual Chance (25-year)

Rainelle, WV



71% probability of flooding at least once over 30 years

20% Rainelle is in the 4% Annual Flood Chance



FEMA 2% Annual Chance (50-year)

Rainelle, WV



45% probability of flooding at least once over 30 years

26% Rainelle is in the 2% Annual Flood Chance





FEMA 1% Annual Chance (100-year)

Rainelle, WV



26% probability of flooding at least once over 30 years

31% Rainelle is in the 1% Annual Flood Chance



FEMA 1%+ Annual Chance (100-year)

Rainelle, WV



26% probability of flooding at least once over 30 years

31% Rainelle is in the 1% + Annual Flood Chance





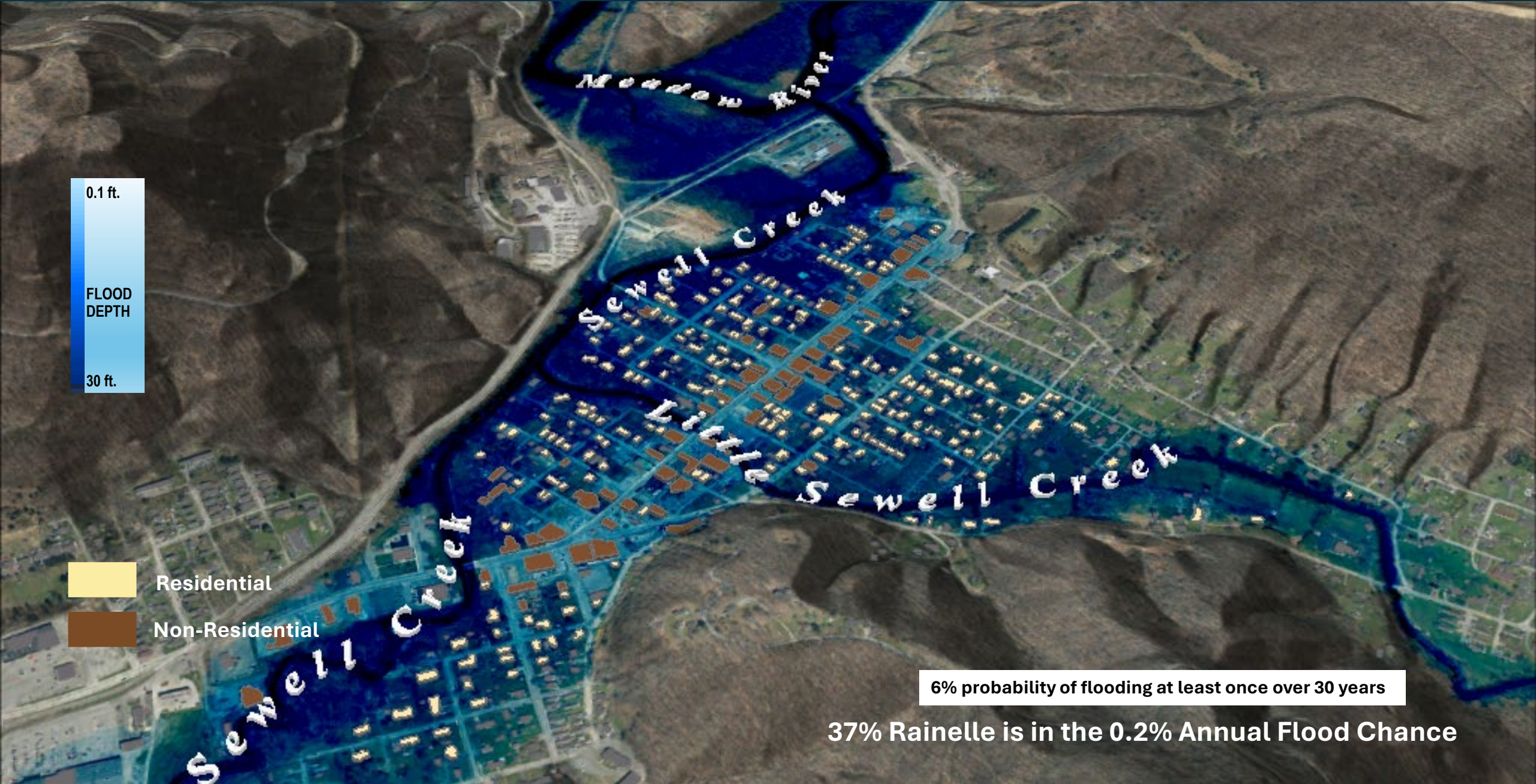
FEMA 0.2% Annual Chance (100-year)

Rainelle, WV



6% probability of flooding at least once over 30 years

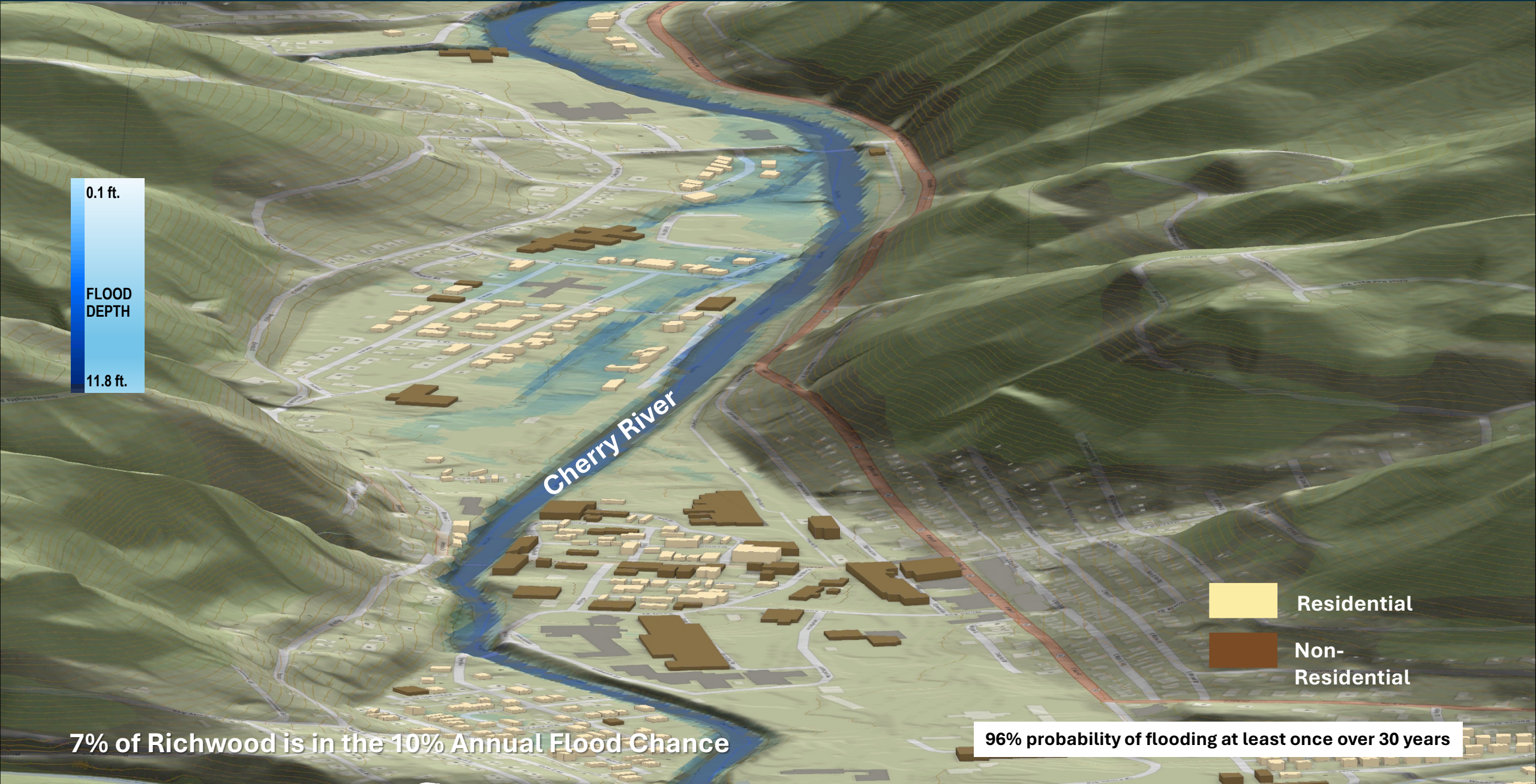
37% Rainelle is in the 0.2% Annual Flood Chance





FEMA 10% Annual Chance (10-year)

Richwood, WV



0.1 ft.
FLOOD DEPTH
11.8 ft.

Cherry River

 Residential
 Non-Residential

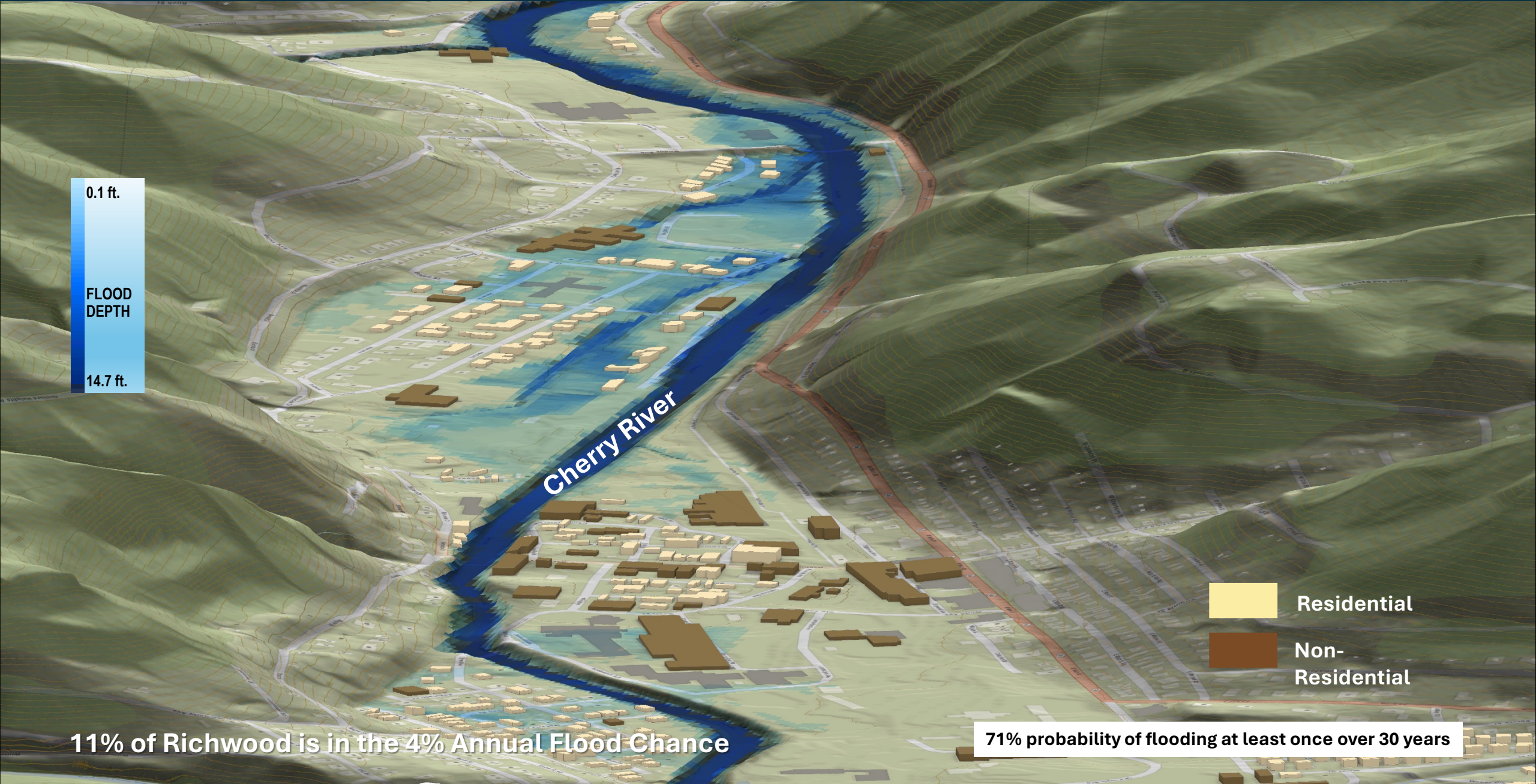
7% of Richwood is in the 10% Annual Flood Chance

96% probability of flooding at least once over 30 years



FEMA 4% Annual Chance (25-year)

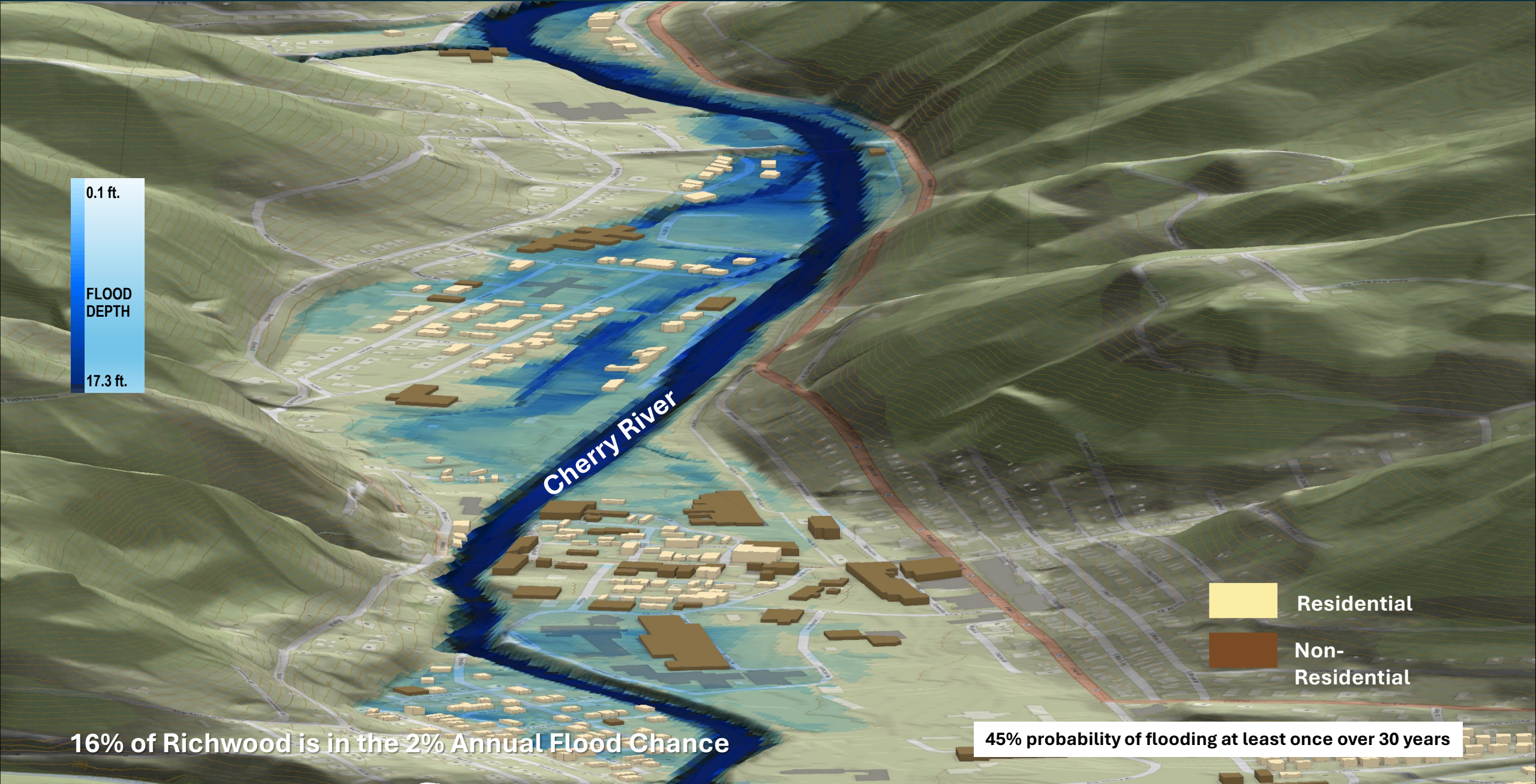
Richwood, WV





FEMA 2% Annual Chance (50-year)

Richwood, WV



0.1 ft.
FLOOD DEPTH
17.3 ft.

Cherry River

 Residential
 Non-Residential

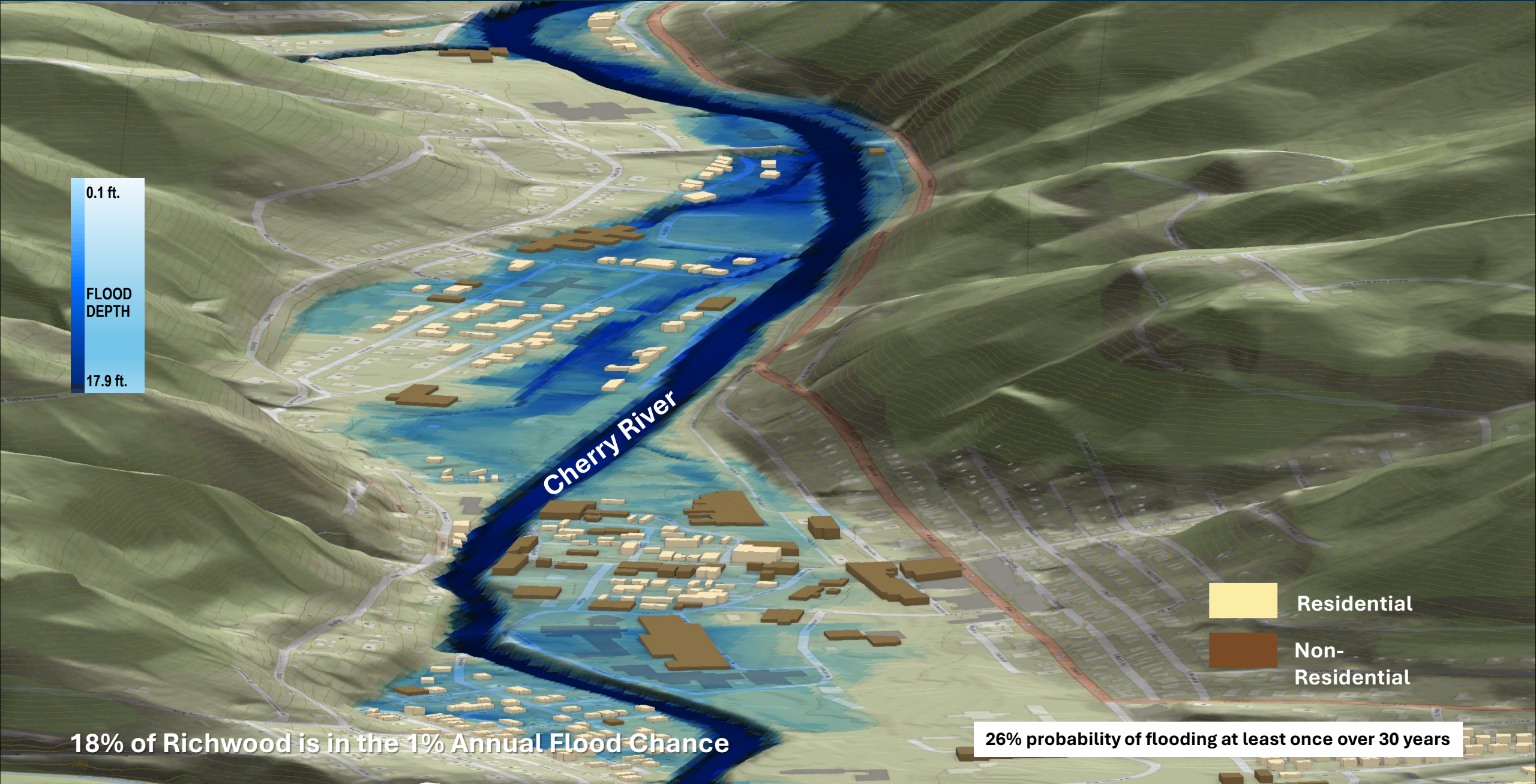
16% of Richwood is in the 2% Annual Flood Chance

45% probability of flooding at least once over 30 years



FEMA 1% Annual Chance (100-year)

Richwood, WV



0.1 ft.

FLOOD
DEPTH

17.9 ft.

Cherry River

- Residential
- Non-Residential

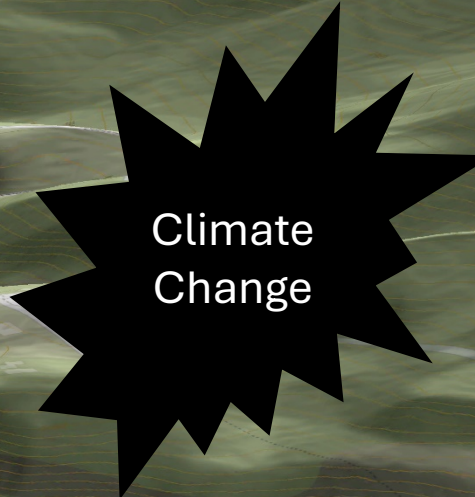
18% of Richwood is in the 1% Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 1%+ Annual Chance (100-year)

Richwood, WV



Cherry River



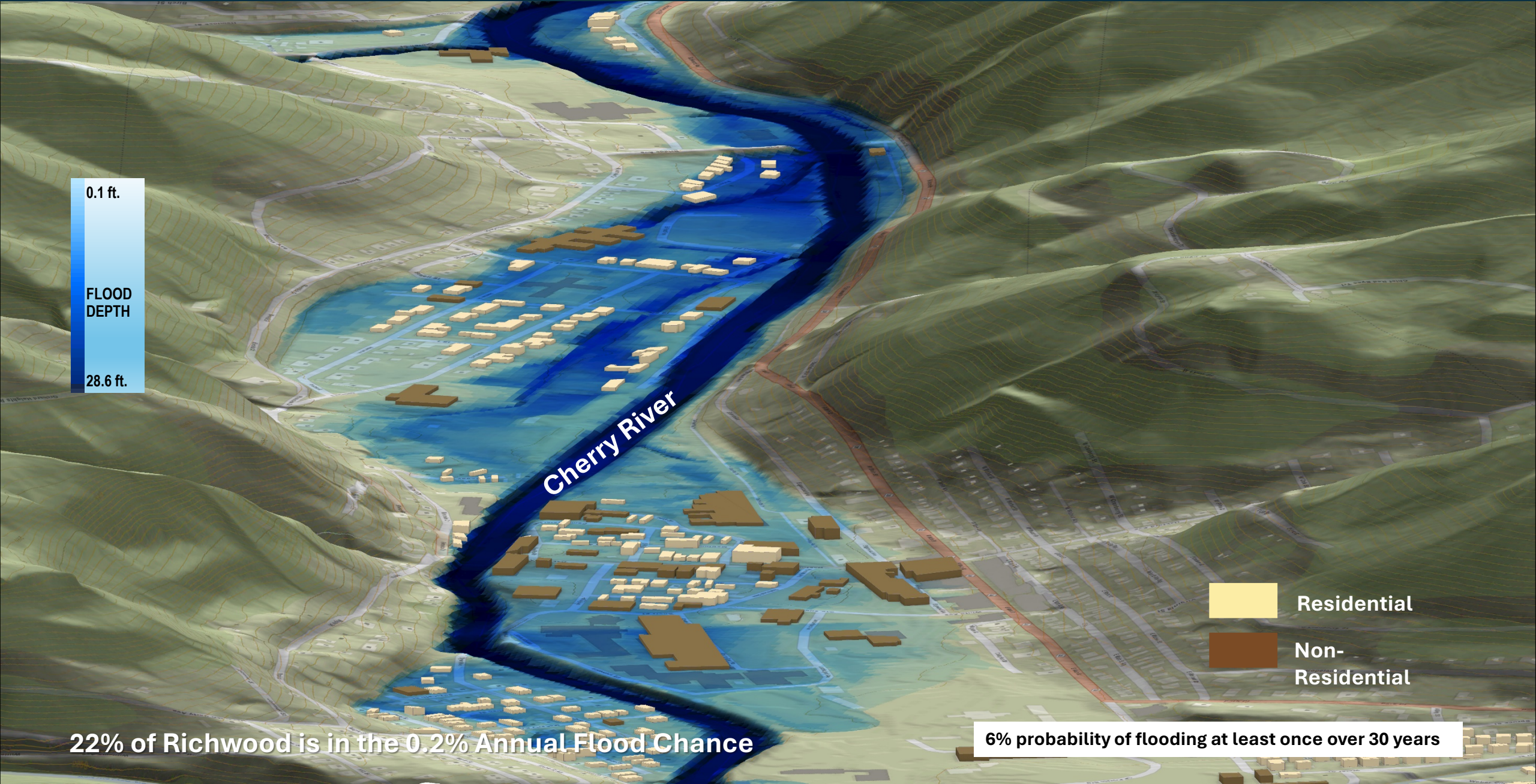
22% of Richwood is in the 1%+ Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 0.2% Annual Chance (500-year)

Richwood, WV



0.1 ft.
FLOOD DEPTH
28.6 ft.

Cherry River

 Residential
 Non-Residential

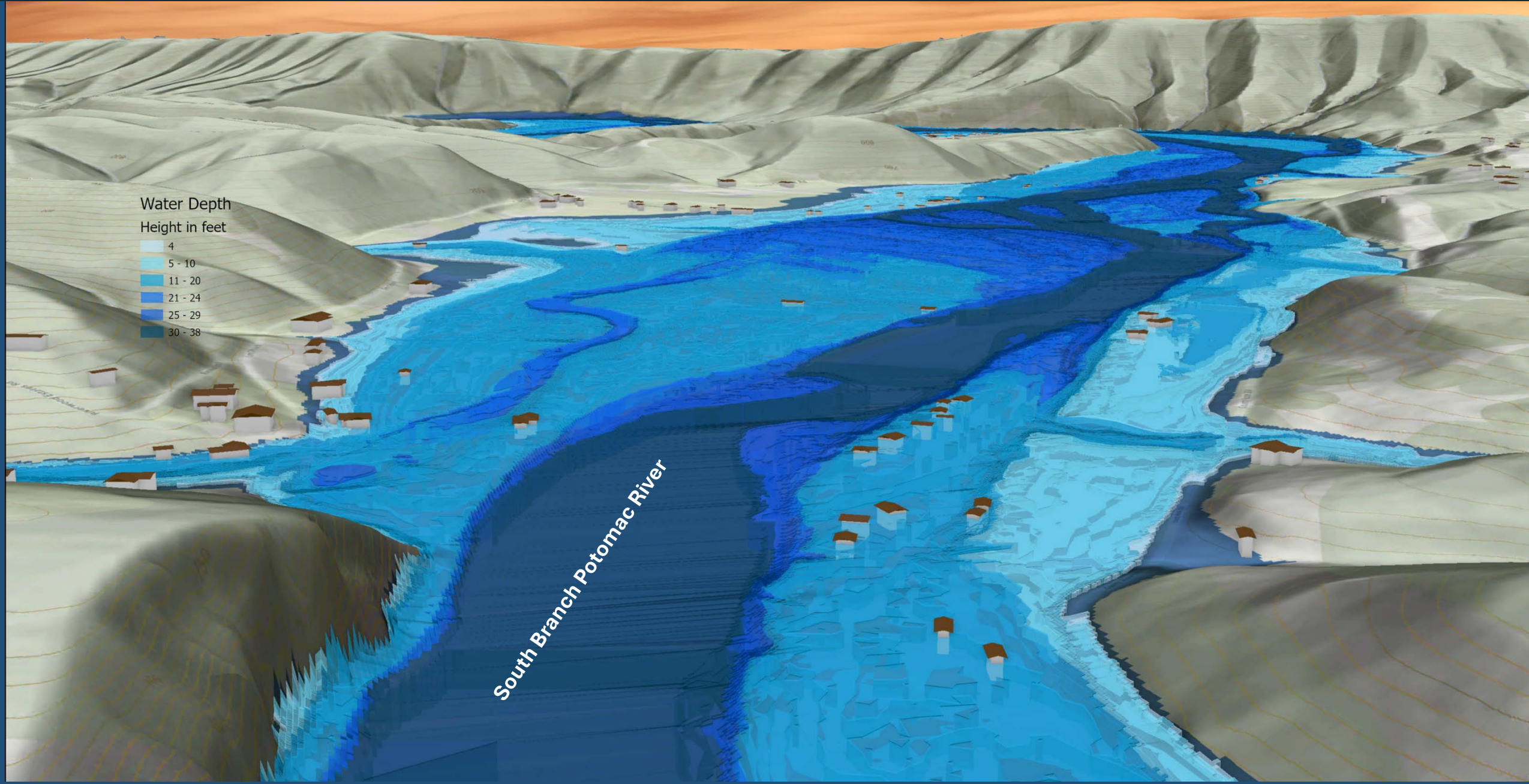
22% of Richwood is in the 0.2% Annual Flood Chance

6% probability of flooding at least once over 30 years



FEMA 1% Annual Chance (100-year)

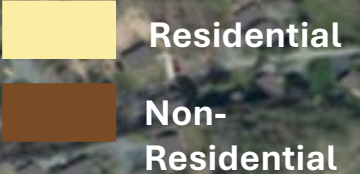
Hampshire Unincorporated Area, WV





FEMA 10% Annual Chance (10-year)

White Sulphur Springs, WV



13% of White Sulphur Springs is in the 10% Annual Flood Chance

96% probability of flooding at least once over 30 years





FEMA 4% Annual Chance (25-year)

White Sulphur Springs, WV



17% of White Sulphur Springs is in the 4% Annual Flood Chance

71% probability of flooding at least once over 30 years





FEMA 2% Annual Chance (50-year)

White Sulphur Springs, WV



20% of White Sulphur Springs is in the 2% Annual Flood Chance

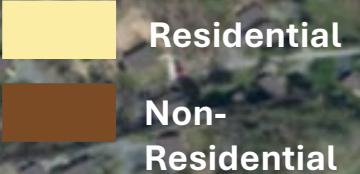
45% probability of flooding at least once over 30 years





FEMA 1% Annual Chance (100-year)

White Sulphur Springs, WV



22% of White Sulphur Springs is in the 1% Annual Flood Chance

26% probability of flooding at least once over 30 years





FEMA 1% +Annual Chance (100-year)

White Sulphur Springs, WV



-  Residential
-  Non-Residential

25% of White Sulphur Springs is in the 1% +Annual Flood Chance

26% probability of flooding at least once over 30 years



FEMA 0.2% Annual Chance (500-year)

White Sulphur Springs, WV



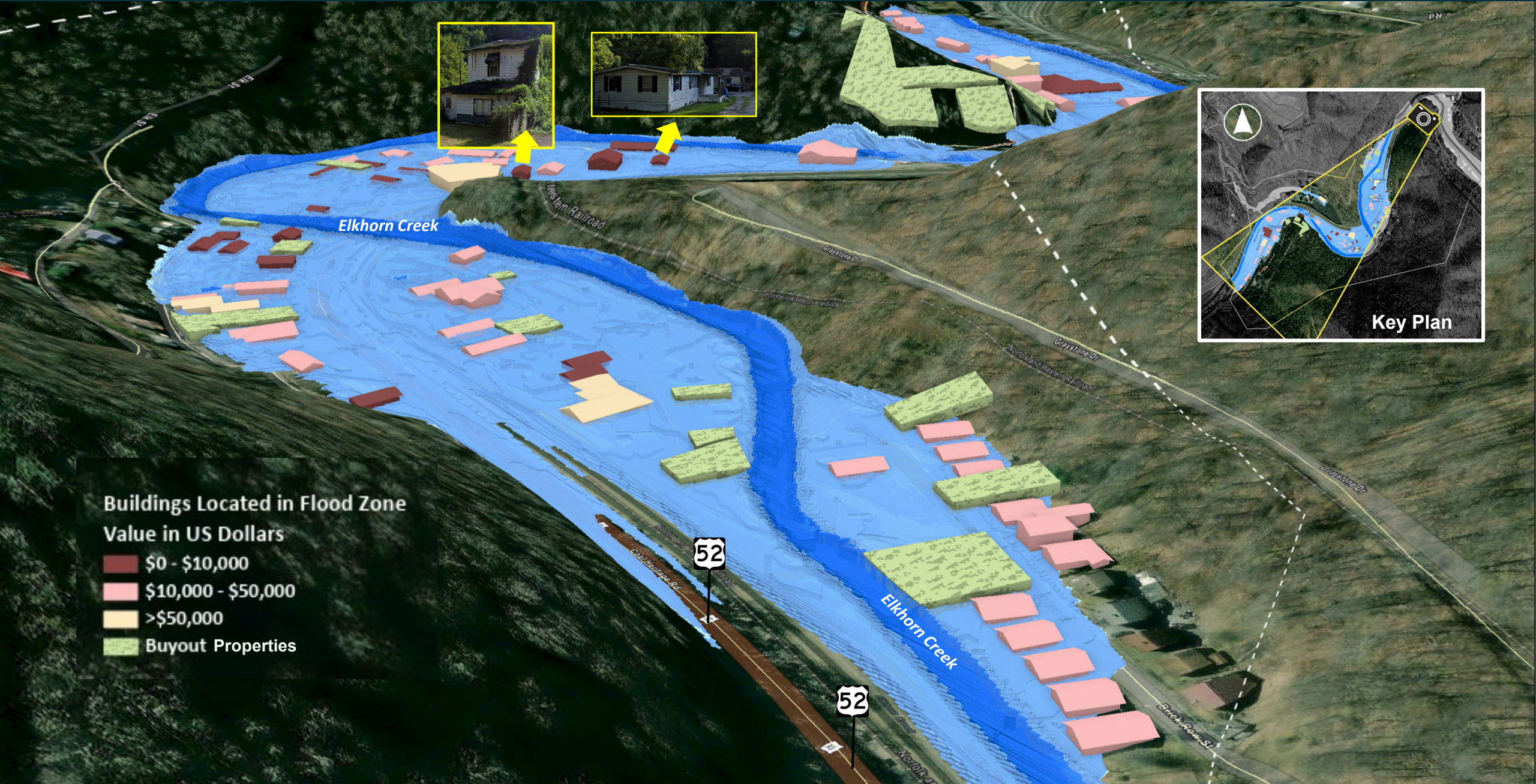
18% of White Sulphur Springs is in the 0.2% Annual Flood Chance

6% probability of flooding at least once over 30 years



FEMA 1% + Annual Chance (100-year)

Keystone, WV



Buildings Located in Flood Zone

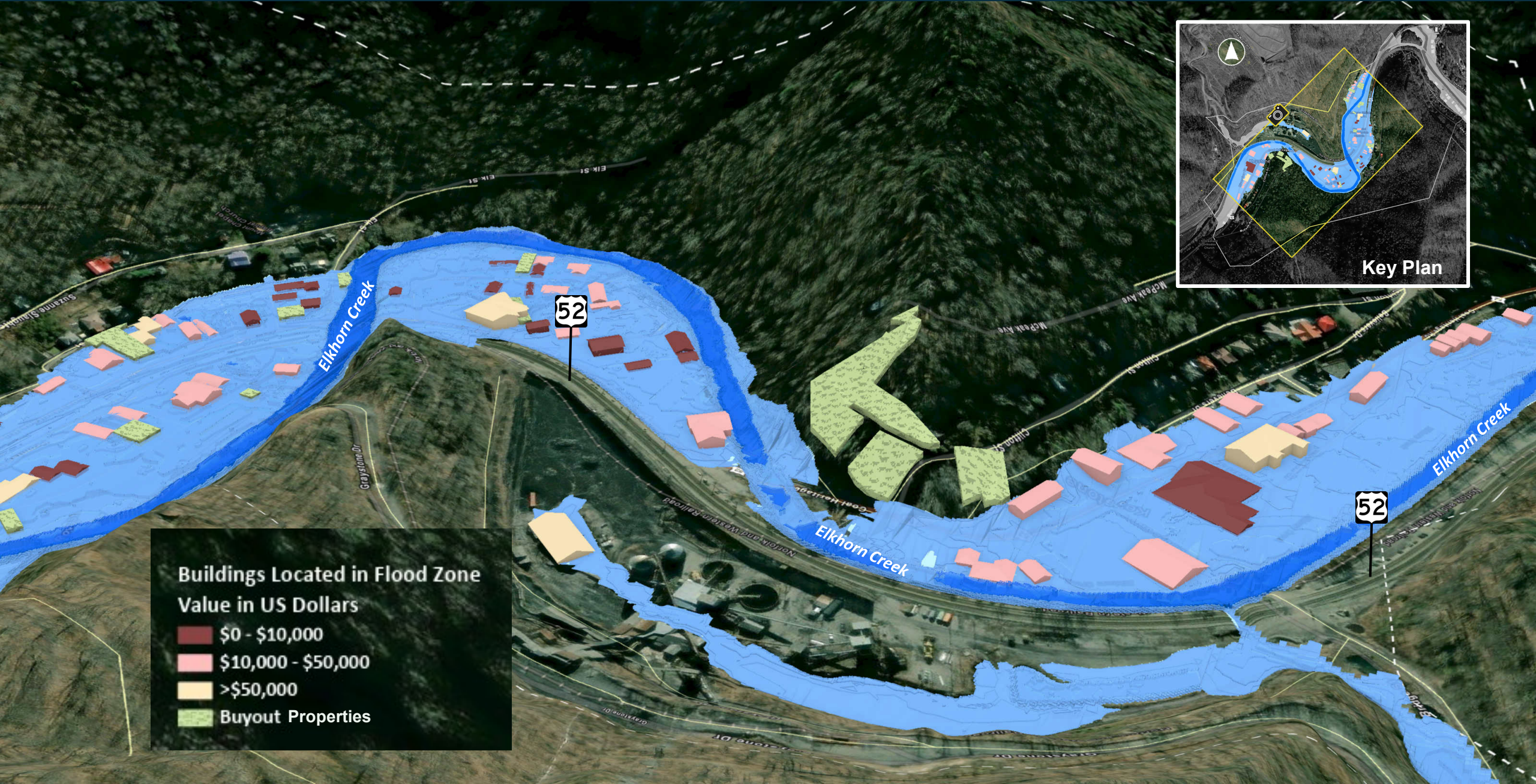
Value in US Dollars

- Dark Red: \$0 - \$10,000
- Light Red: \$10,000 - \$50,000
- Yellow: >\$50,000
- Green: Buyout Properties



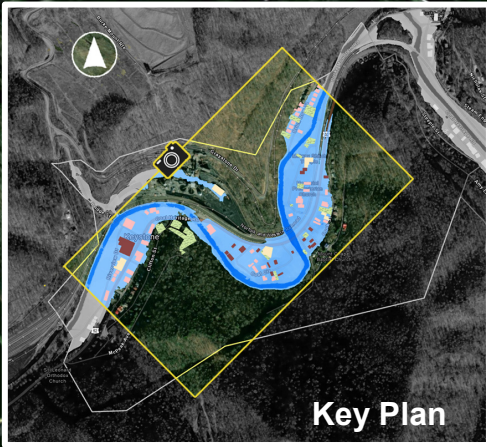
FEMA 1% + Annual Chance (100-year)

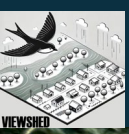
Keystone, WV



Buildings Located in Flood Zone
Value in US Dollars

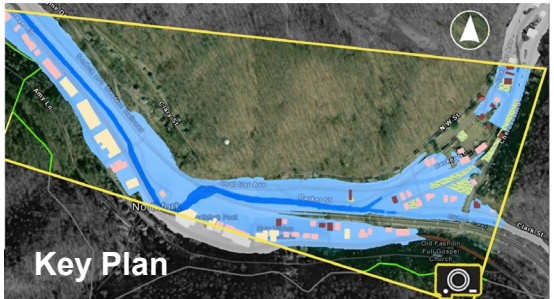
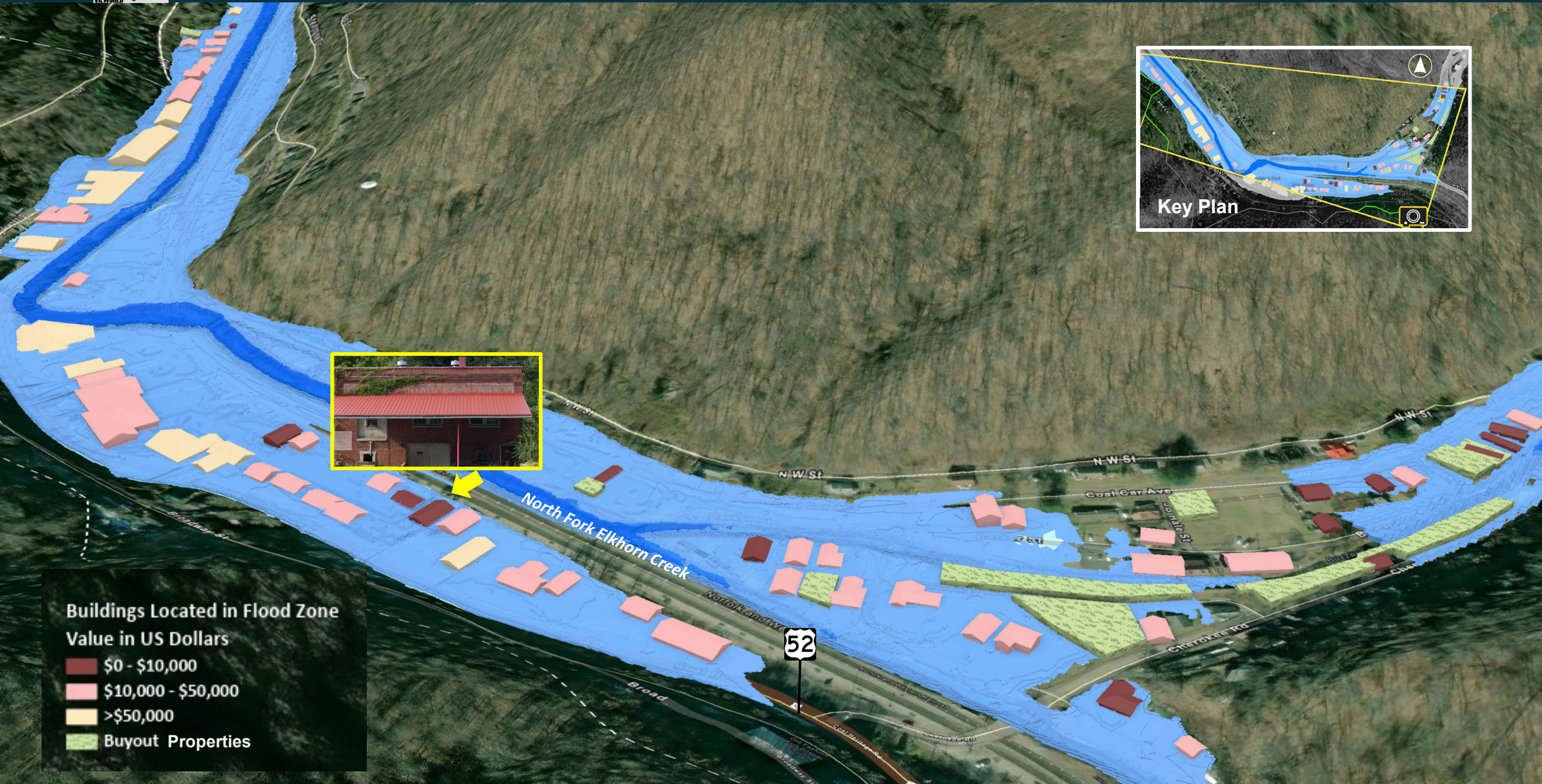
- Dark Red: \$0 - \$10,000
- Light Red: \$10,000 - \$50,000
- Yellow: >\$50,000
- Green: Buyout Properties





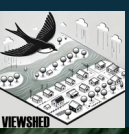
FEMA 1% + Annual Chance (100-year)

Northfork, WV



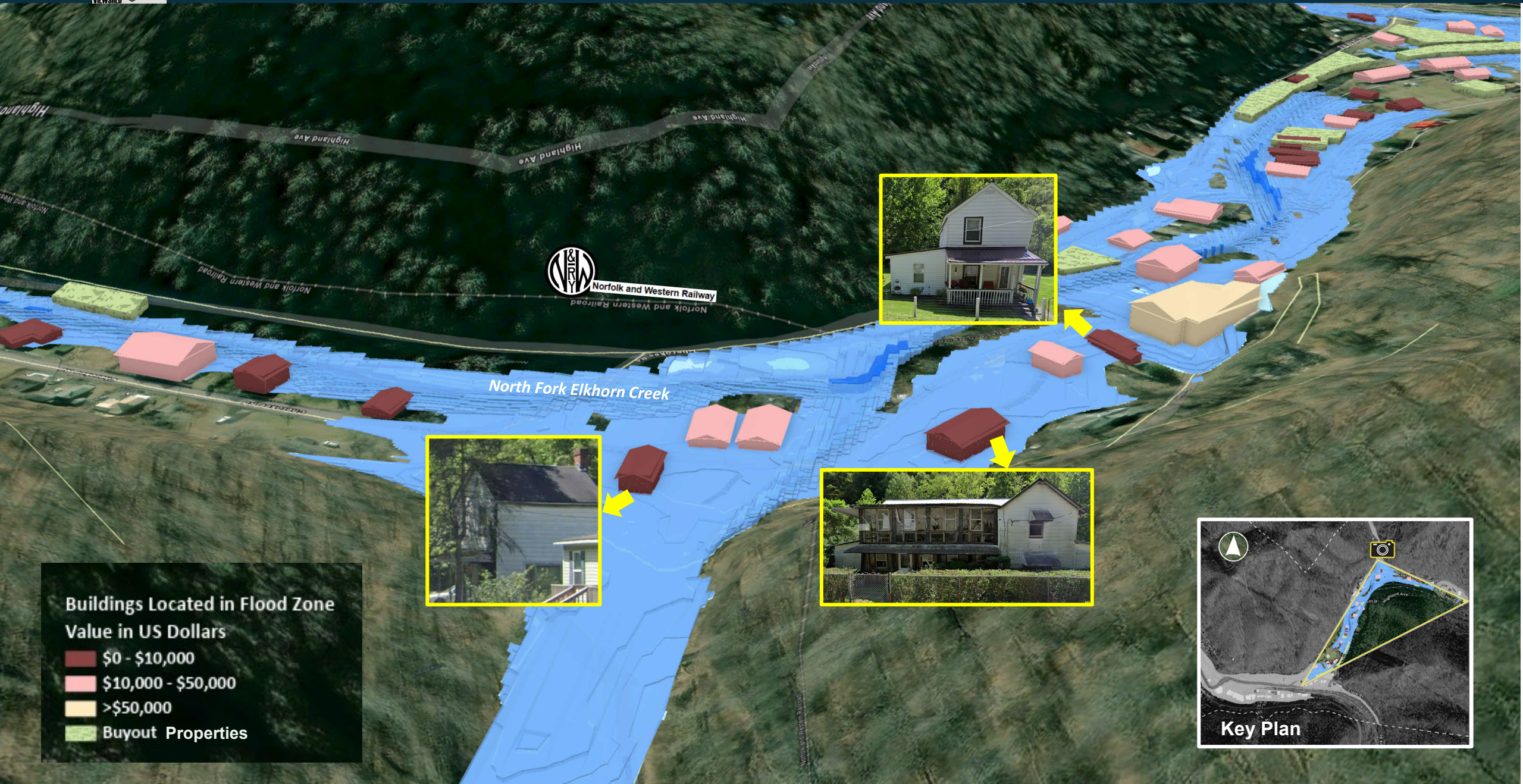
Buildings Located in Flood Zone
Value in US Dollars

- Dark Red: \$0 - \$10,000
- Light Red: \$10,000 - \$50,000
- Yellow: >\$50,000
- Green: Buyout Properties



FEMA 1% + Annual Chance (100-year)

Northfork, WV



Buildings Located in Flood Zone
Value in US Dollars

- Red: \$0 - \$10,000
- Pink: \$10,000 - \$50,000
- Yellow: >\$50,000
- Green: Buyout Properties

