

Pipeline Fire West Flood Update

June 28, 2022

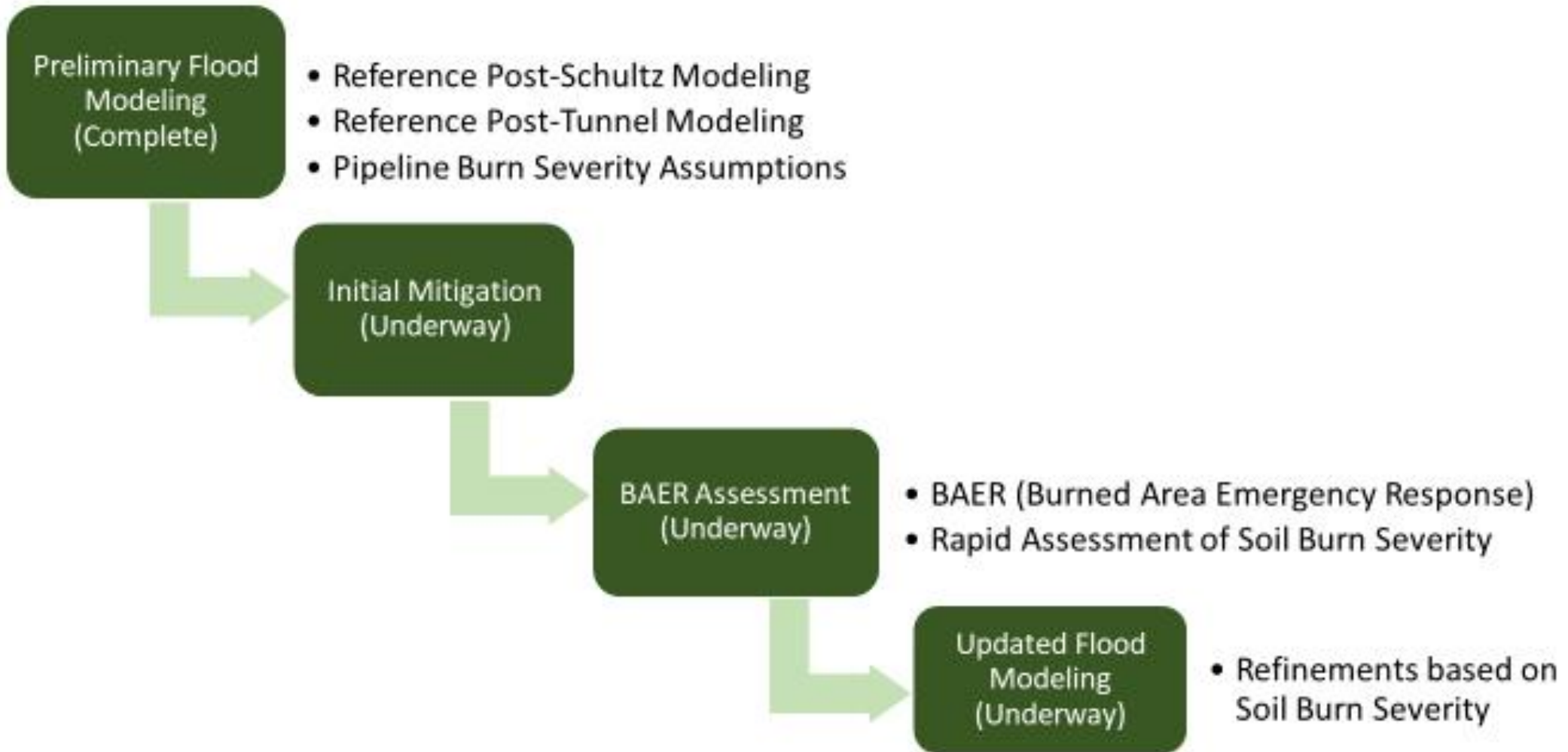


Pipeline Fire West



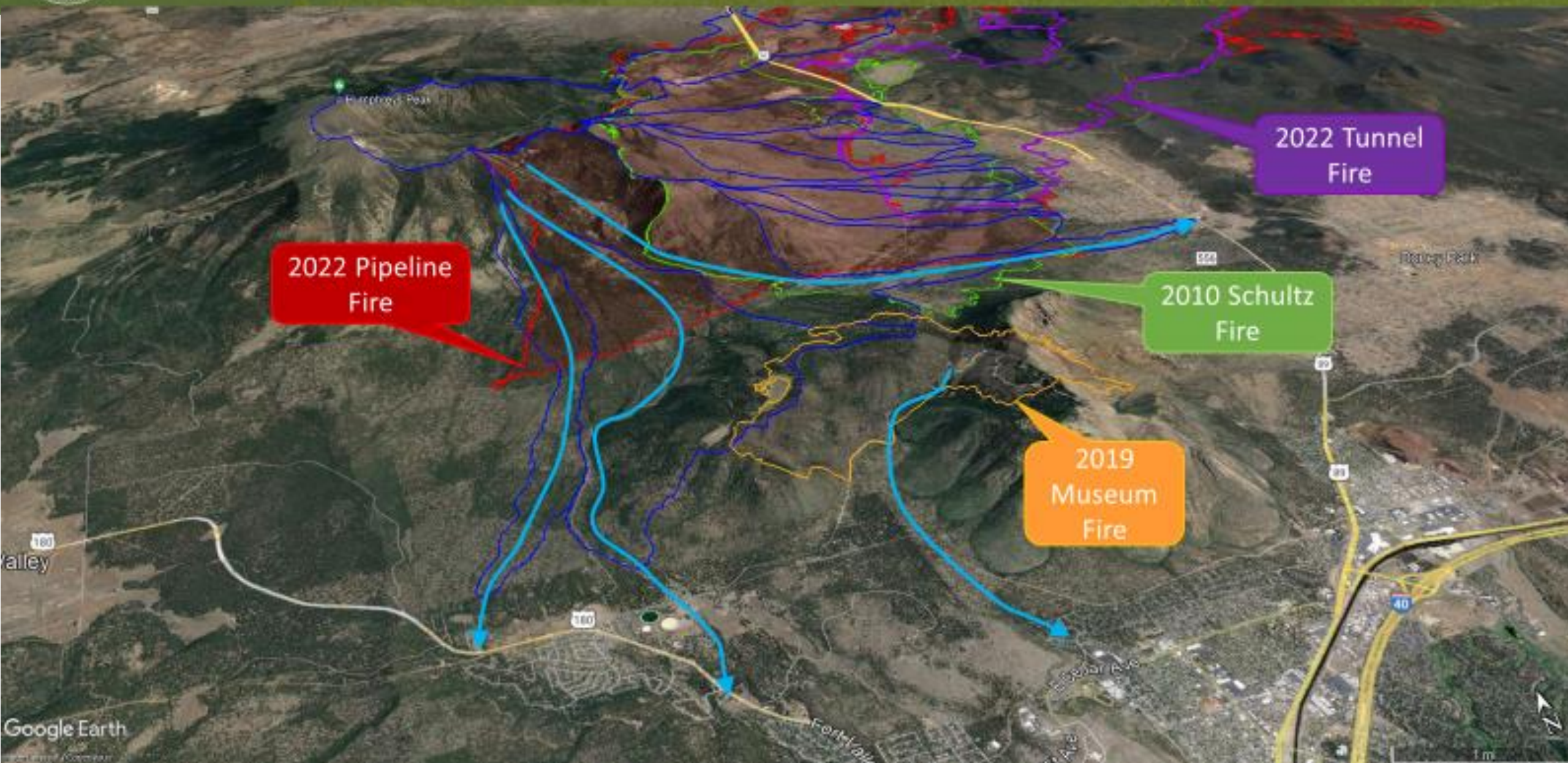


Flood Risk Assessment Process





Flood Risk Assessment Overview



2022 Pipeline Fire

2022 Tunnel Fire

2010 Schultz Fire

2019 Museum Fire



Results

	Pipeline					
	Burned	High	Moderate	Low	Very Low	No Fire
Chimney	34%	2%	22%	9%	1%	66%
Schultz Creek	29%	7%	17%	5%	1%	71%

Water Depth (FT)

Value

<0.2'

0.2 - 0.5'

0.5' - 1'

1' - 2'

2' - 3'

3' - 4'

4' - 5'

>5'

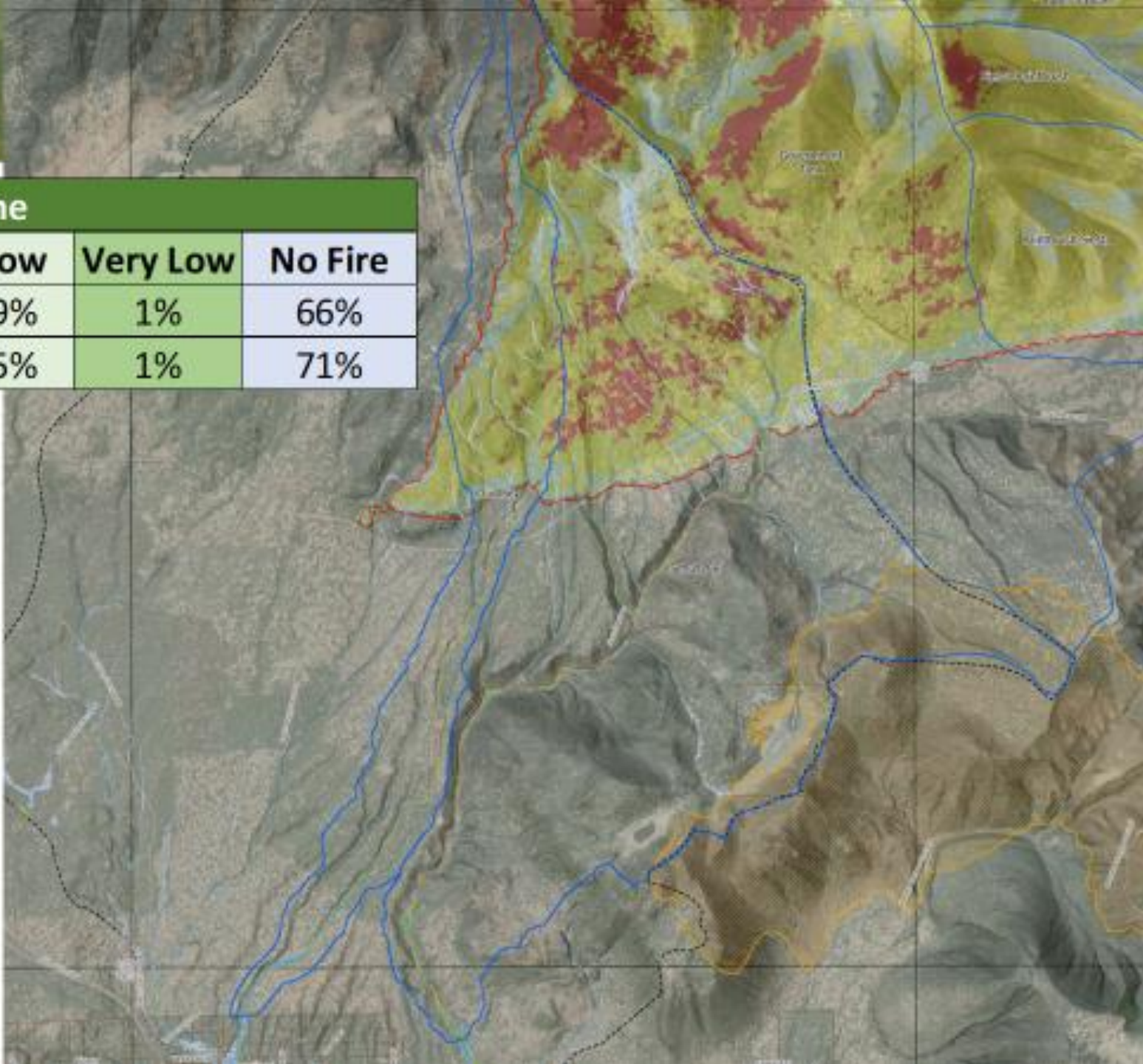
Pipeline Fire Soil Burn Severity

High

Low

Moderate

Unburned





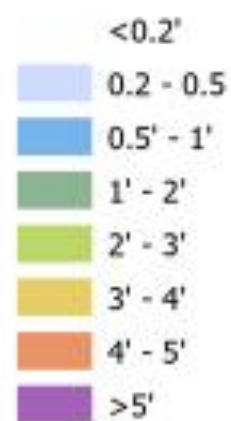
Results

Pipeline Fire Soil Burn Severity



Water Depth (FT)

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Results



Water Depth (FT)

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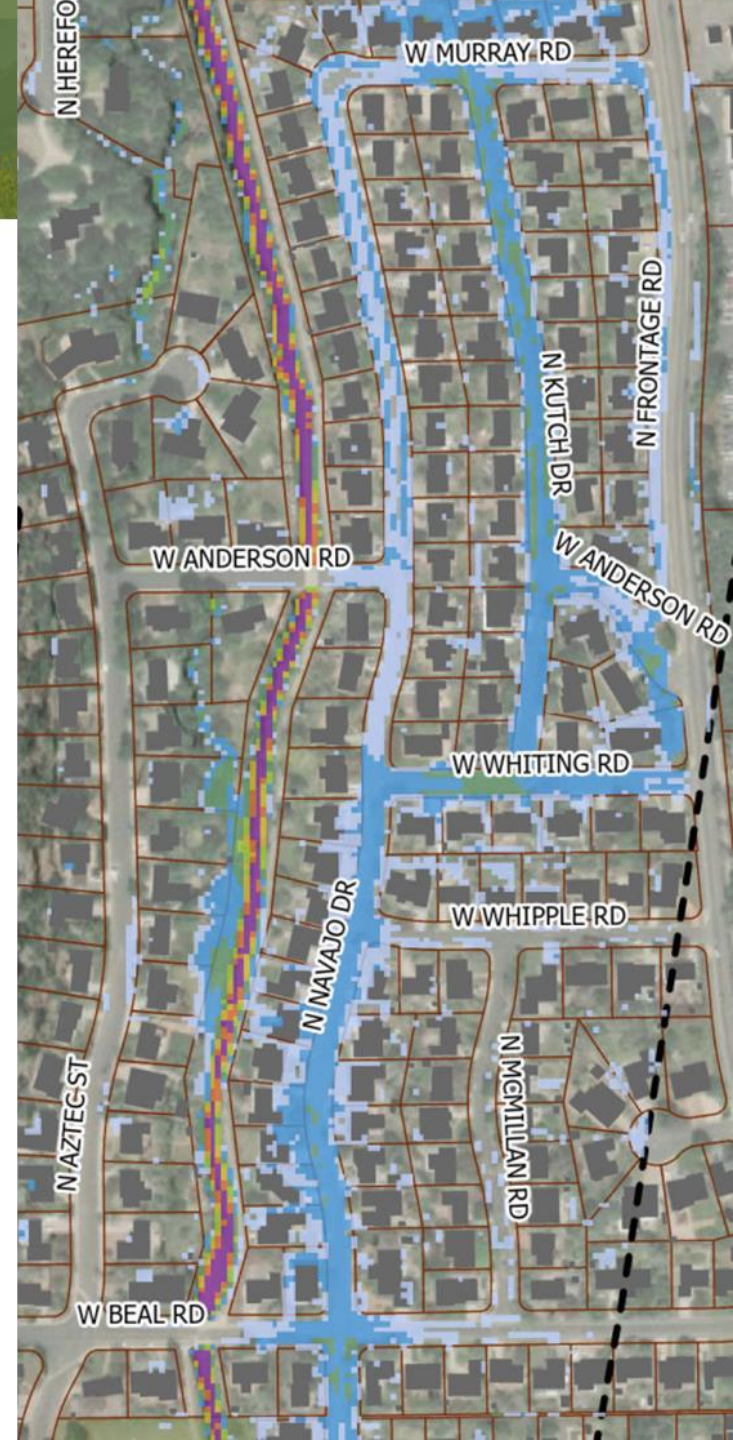
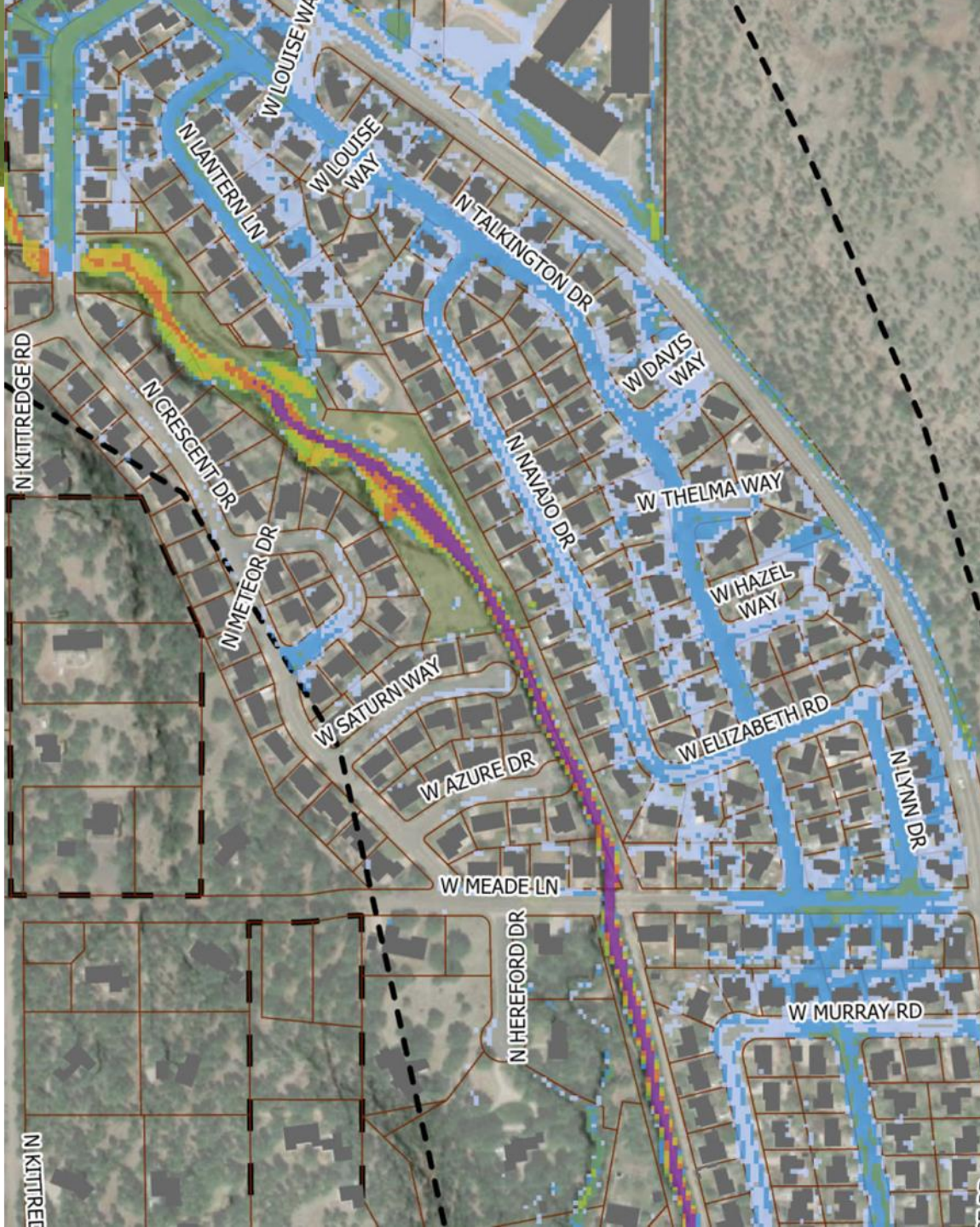
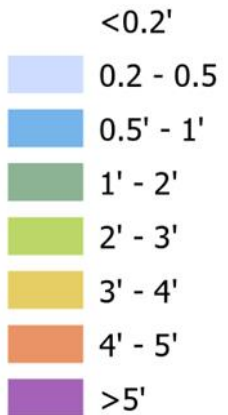
>5'



Results

Water Depth (FT)

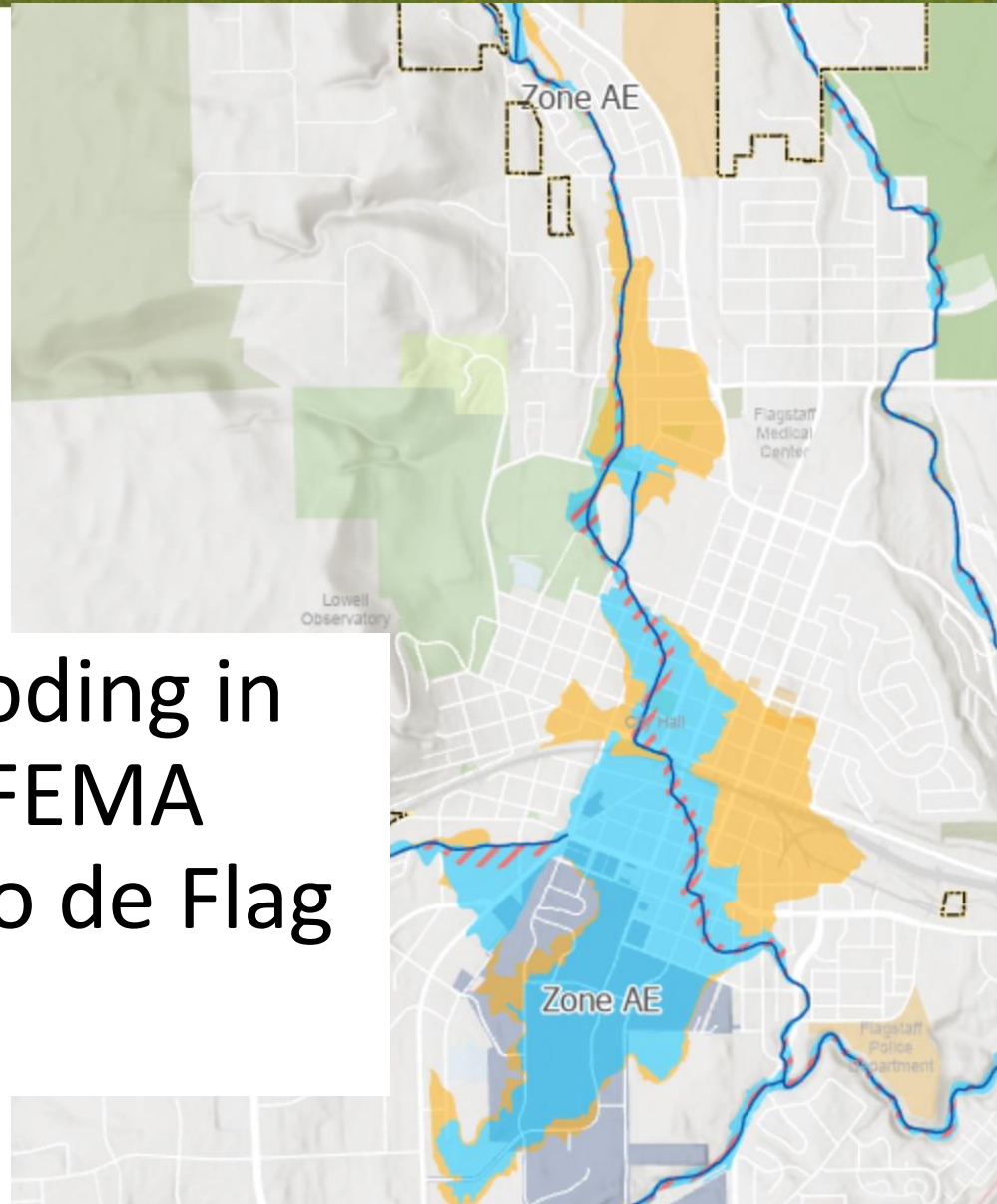
Value





Rio de Flag flooding

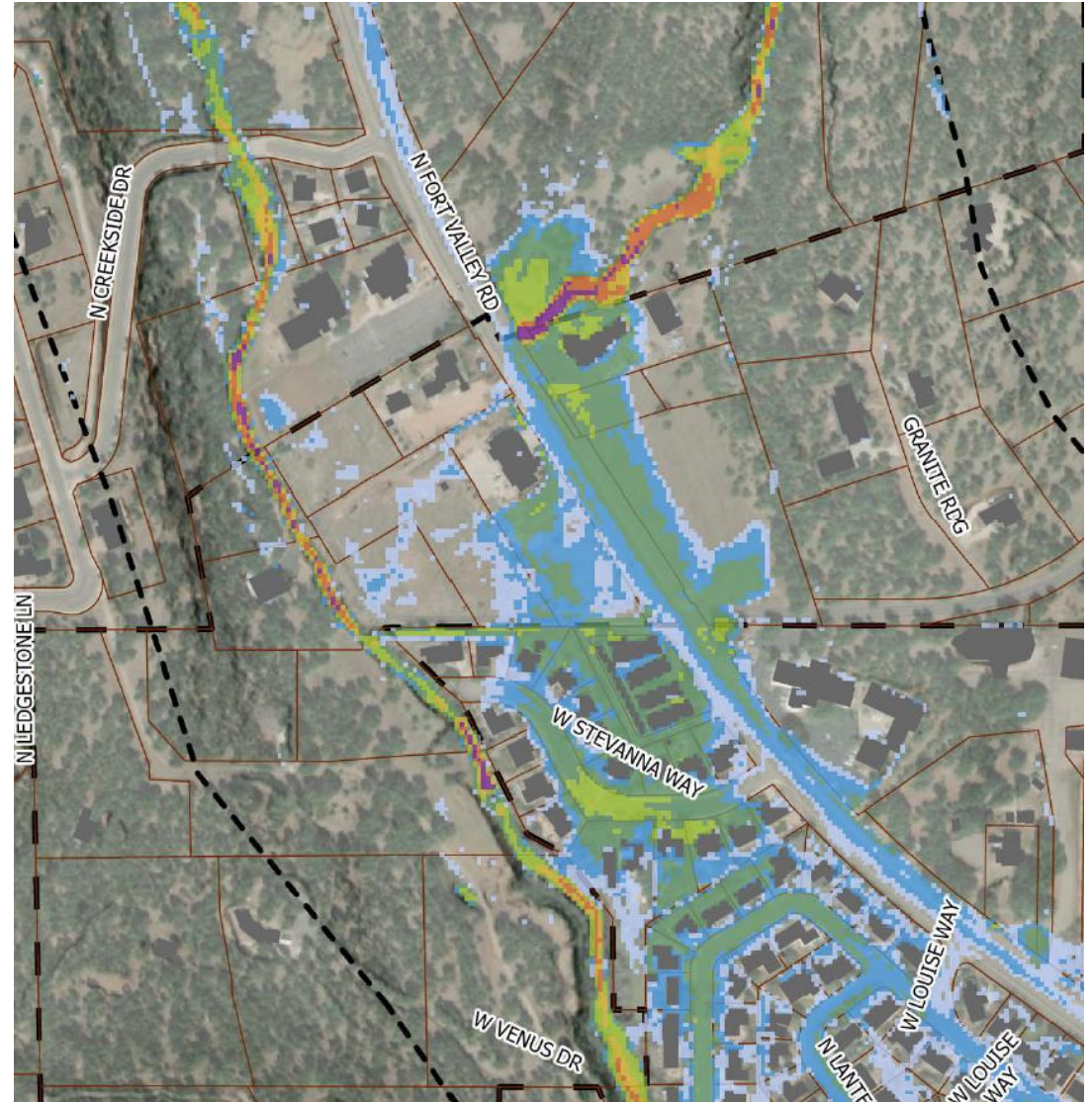
Increased risk of flooding in previously mapped FEMA floodplains in the Rio de Flag





Mitigations near Hwy 180

- Existing conditions (right)
- Green signifies 1ft+ of water
- All emergency mitigation options being considered and vetted for feasibility and effectiveness





Short-term mitigations

- Potential barriers at Stevanna Way
- Sandbags recommended for residents impacted by Pipeline Fire West post wild-fire flooding
 - Engineering consultants assisting
 - Cooperator agreements for those with predicted significant impacts – City will reach out to significantly impacted residents
- Sandbag recommendations are not available for downtown or Southside due to regional flood variability

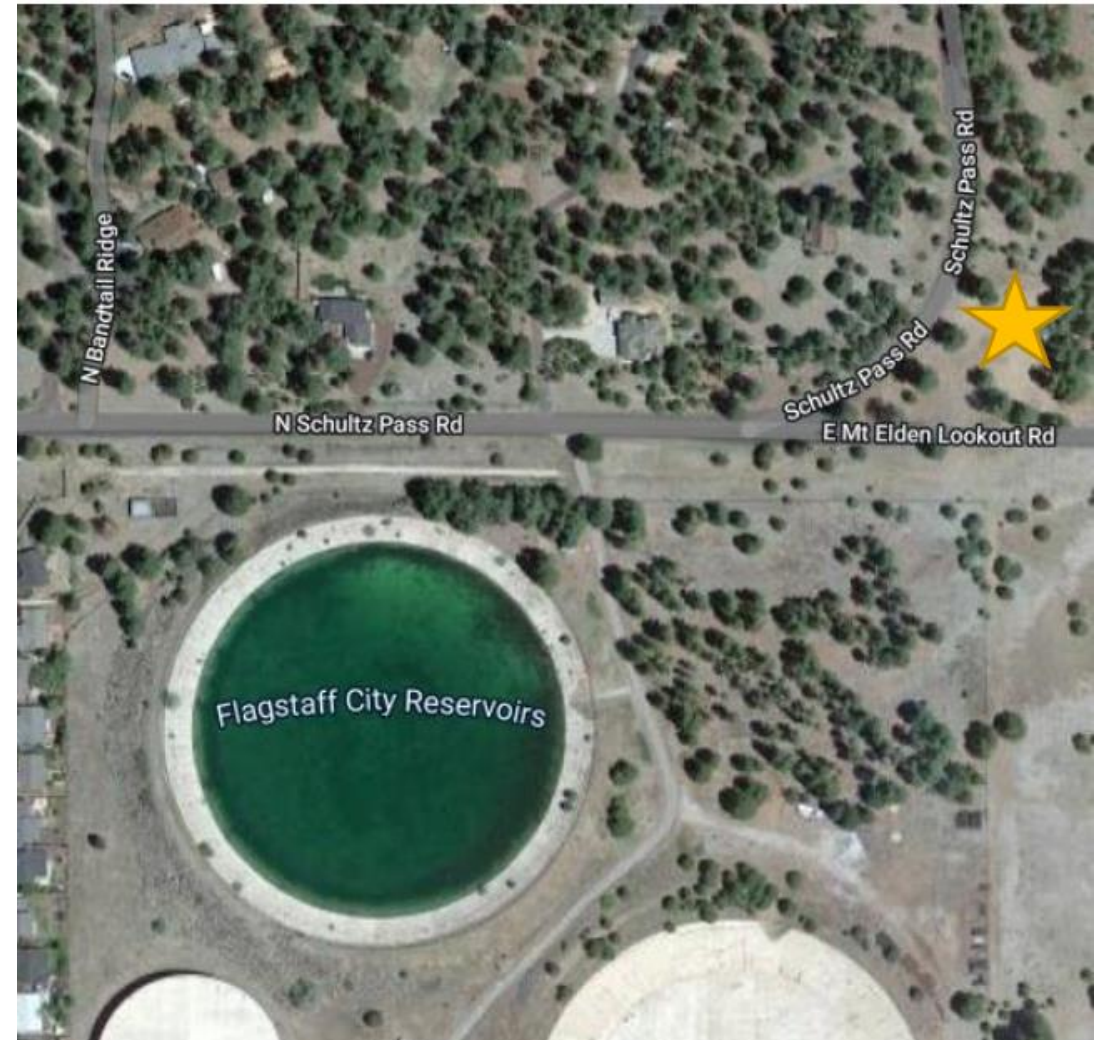
West-side self-fill sandbag stations



Thorpe Park



“Schultz Y”





Flood director/ emergency notifications

Triggered by 0.75 inches of rain on burn scar

- Alert Area: Cheshire, Coconino Est., Coyote Springs, Anasazi Ridge, US180
- Alert: Flash Flooding likely. Shelter In Place; If outdoors seek high ground; Don't enter drainages!
- Alert Area: Cheshire, Coconino Est., Coyote Springs, Anasazi Ridge, US180, Rio de Flag
- Alert: Expect Flash Flooding near Rio De Flag. Shelter In Place; If outdoors seek high ground; Don't enter drainages or flooded areas! Watch for rising water.



Emergency Notifications

[Coconino.az.gov/ready](https://www.coconino.gov/ready)



Rain gauge website

Rainfall and stream gauge data

- The City operates a small network of gauges to collect real-time rainfall and streamflow information



<https://rain.flagstaffaz.gov/jefmap/>

Sign up for rainfall notifications

- Sign up to receive email notifications on rainfall and streamflow data



<https://rain.flagstaffaz.gov/JEFDAQFLASK/publicAlarms/userManagement/>



Flood insurance

- Visit [fema.gov/flood-insurance](https://www.fema.gov/flood-insurance)
- Potential post-wildfire exception to 30-day waiting period
 - Determined by FEMA at time of claim
 - Property affected by flooding from federal land caused by post-wildfire conditions
 - Purchased before or within 60 days of containment date





Stay Connected/ Questions

For more information and to sign up to receive updates, visit

Flagstaff.az.gov/PipelineWest

Questions? Media inquiries?

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SCAN ME

