



Your Trusted
Water Resource

Region 11: Guadalupe

Regional Flood Planning Executive Meeting

Tuesday, June 24, 2025
2:00pm

Call to Order

- Attendance
- Individuals attending in-person, please sign-in

Agenda Item 1

Welcome

Agenda Item 2

Approval of Meeting Minutes

Agenda Item 3

- Approval of minutes from the May 6, 2025 Region 11 RFPG meeting

Region 11 Guadalupe RFPG Chair Updates

- Update from Chair's Meeting (5/30)

Agenda Item 4

Texas Water Development Board (TWDB) Updates

Agenda Item 5

Inter-regional updates on Region 10 and Region 12

Agenda Item 6

Agenda Item 7

Discussion and potential action ratifying the creation of an Ad Hoc Nomination Committee for this round of nominations, retroactive to May 6, 2025

Discussion and potential action regarding the voting positions with terms expiring July 10, 2025

Agenda Item 8

Agenda Item 8

Voting Membership

Interest	Name	Organization/Entity	Term Expiration
Agricultural	<i>Vacant</i>		7/10/2028
Counties	John Johnston, P.E., CFM	Victoria County	7/10/2025
Counties	Doug Leacock	Comal County	7/10/2028
Electric Generating Utilities	John Packard	STEC	7/10/2025
Environmental	Annalisa Peace	Greater Edwards Aquifer Alliance	7/10/2028
Flood Districts	Doug Sethness	DeWitt County Drainage District No. 1	7/10/2025
Industries	Matt Koone	The KHM Company	7/10/2025
Municipalities	<i>Vacant</i>		7/10/2025
Municipalities	Ken Gill, P.E.	City of Victoria	7/10/2028
Public	Kimberly Meitzen, PhD	Texas State University, Dept of Geography	7/10/2025
River Authorities	Brian Perkins, P.E.	Guadalupe-Blanco River Authority	7/10/2025
River Authorities	Tara Bushnoe	Upper Guadalupe River Authority	7/10/2028
Small Business	Gian Villarreal, P.E., CFM	WEAT/Seagull PME	7/10/2028
Water Districts	Charlie Flatten	Hays Trinity Groundwater Conservation District	7/10/2025
Water Utilities	Steven Fonville	Martindale Water Supply Corporation	7/10/2028

Non-Voting Membership

Role	Name	Organization/Entity	Term Expiration
TPWD Representative	Sue Reilly	Texas Parks and Wildlife Department	Indefinite
TDEM Representative	Fernando Perez	Texas Division of Emergency Management	Indefinite
TDA Representative	Jami McCool	Texas Department of Agriculture	Indefinite
TSSWCB Representative	Allen Nash	Texas State Soil and Water Conservation Board	Indefinite
GLO Representative	Kris Robles	General Land Office	Indefinite
TWDB Representative	Cynthia Nolasco	Texas Water Development Board	Indefinite
TCEQ Representative	Joel Klumpp	Texas Commission on Environmental Quality	Indefinite
Public, Non-Voting	Don Durden	Public	7/10/2028
Region 10 Liaison	Patrick Brzozowski	Lavaca-Navidad River Authority	Indefinite
Region 12 Liaison	Juan Sandoval	CPS Energy and Region 12 Liaison	Indefinite

Agenda Item 9

Discussion and potential action regarding the vacant voting and non-voting positions

- Public (voting)
- Public (non-voting)
- Industries (voting)
- Electric Generating Utilities (voting)

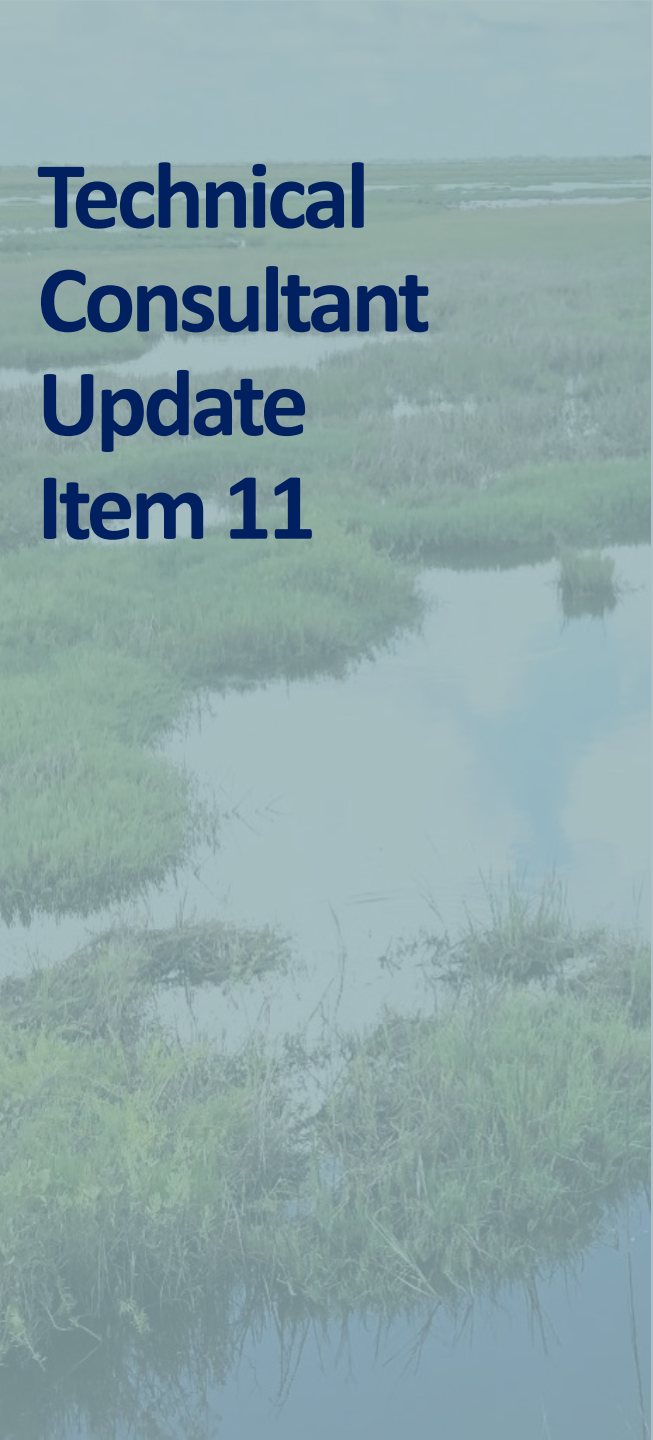
Guadalupe Region 11 RFPG Sponsor Guadalupe-Blanco River Authority (GBRA) Updates

Agenda Item 10

Discussion and potential action regarding Region 11 RFPG Technical Consultants work and schedule

Agenda Item 11

- Task 2A – Existing Condition Flood Risk Analyses
- Task 2B – Future Condition Flood Risk Analyses
- Task 3A – Evaluation & Recommendations on Floodplain Management Practices
- Task 3B – Flood Mitigation Needs Analysis
- Task 3C – Floodplain Management Goals
- Task 4A – Identification and Evaluation of Potential FMXs



Technical Consultant Update Item 11

- **Outreach Update**
- **Task Updates, Discussion, Possible Action**
 - Task 2A – Existing Condition Flood Risk Analyses*
 - Task 2B – Future Condition Flood Risk Analyses*
 - Task 3A – Eval & Recs on Floodplain Management Practices
 - Task 3B – Flood Mitigation Needs Analysis*
 - Task 3C – Floodplain Management Goals *
 - Task 4A – Identification and Evaluation of Potential FMXs*
- **Public Comments received**
- **Look Ahead**



Task 1

Outreach

Updates



2025 Recap and Outlook

Task	March	May	June	Sept	Nov
Task 1 - Planning Area Description	Update (Launched Feb.)	Outreach Update 2023 Process & Results	Outreach Update	Preliminary Results Discussion	Update Discussion (if needed)
Task 2A – Existing Condition Flood Risk Analyses	Overview 2023 Process & Results	Update	Discuss Mapping Process Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 2B – Future Condition Flood Risk Analyses	-	2023 Process & Results TWDB Data/Rec	Discuss Mapping Process Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 3A – Eval & Recs on Floodplain Management Practices	Overview 2023 Process & Results	Discussion 2023 Recommendations	Discuss Recommendations Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 3B – Flood Mitigation Needs Analysis	Overview	-	Process Discussion Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 3C – Floodplain Management Goals	Overview 2023 Process & Results	Discussion 2023 RFPG Goals	Goals Discussion Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 4A – Identification and Evaluation of Potential FMXs	-	-	Process Discussion Possible Action	Preliminary Results Discussion	Update Discussion (if needed)
Task 4B - Prepare and Submit Technical Memo	-	-	Discussion	Rough Draft Discussion	Draft Memo Action
Task 4C - Performance of FMEs	Overview 2023 Process (Task 12)	-	-	Discussion Possible Action	Discussion Possible Action

Task 4B: Technical Memorandum

Due January 7, 2026

*November RFPG
Approval*

*September RFPG
Discussions and Guidance
to T/C*

*June RFPG approvals
requested*

- **Lists of:**
 - Political subdivisions with flood-related authority
 - Previous/ongoing flood studies
 - Available flood models
- **Geodatabase and Maps**
 - Regional Inundation Boundaries and Flood Prone Areas
 - *RFPG Approval (Tasks 2A/2B process/maps)*
- **Summary and Maps**
 - Greatest Flood Risk and Flood Risk Reduction Needs
 - *RFPG Approval (Part of Task 3B - process)*
- **Flood Mitigation and Management Goals**
 - *RFPG Approval (Task 3C – add, delete, modify)*
- **Documented Process to identify Potential FMXs**
 - *RFPG Approval (Task 4A - Process)*
- **Lists of Potentially Feasible (and non-) FMXs**
 - *RFPG Approval (with Technical Memo)*

A wide-angle photograph of a marshy landscape. In the foreground, there are patches of green reeds and grasses growing in shallow water. The water reflects the sky and the surrounding vegetation. In the middle ground, there are more patches of marshland separated by narrow channels of water. The background shows a flat horizon line under a cloudy sky. The overall color palette is dominated by greens, blues, and greys.

Task 2A

Existing Condition Flood Risk Analyses



Task 2A: Existing Condition Flood Risk Analyses

- **2023 RFP Hierarchy of Mapping Data (100- and 500-yr):**
 - Regional FEMA Data
 - Pending, Preliminary, Effective, BLE
- **New/Updated data for 2028 RFP:**
 - Preliminary data/maps converted to Effective
 - New Models/Mapping (GLO and NEB)
 - TWDB Cursory (Fathom)
- **Recommendation (10-, 100-, 500-yr):**
 - Start with 2023 hierarchy
 - Use new detailed models/mapping where available
 - Use Cursory Data outside BLE (pluvial and coastal)
- ***Reminder: RFPG mapping is Non-Regulatory, it is intended for Planning Purposes only***

Web map: 2028 RFP Flood Hazard Areas

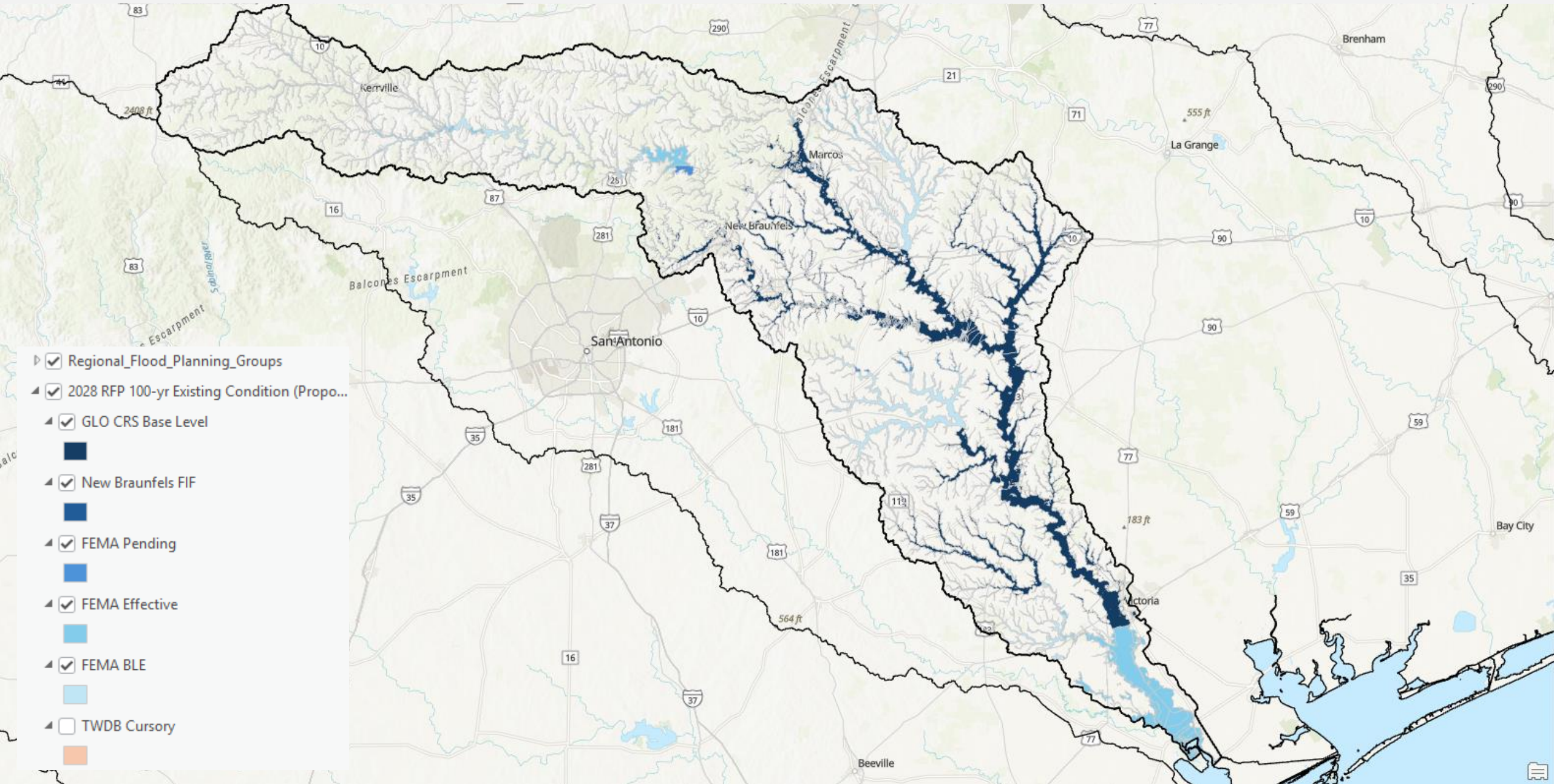
- Layers can be turned on or off to compare data sets
 - Proposed 2028 100-yr Existing (by source) use:
 - GLO CRS
 - New Braunfels FIF, and
 - FEMA (Pending, Effective, Pending)
 - TWDB Cursory
 - 2028 Proposed 100-yr is the above layers combined
 - 2028 Proposed 10- and 500- use the same hierarchy (combined only)
 - 2023 Future 100- and 500-yr are from the 2023 RFP Cycle
 - 2028 Future 100- and 500-yr use the TWDB Scenario 3 data



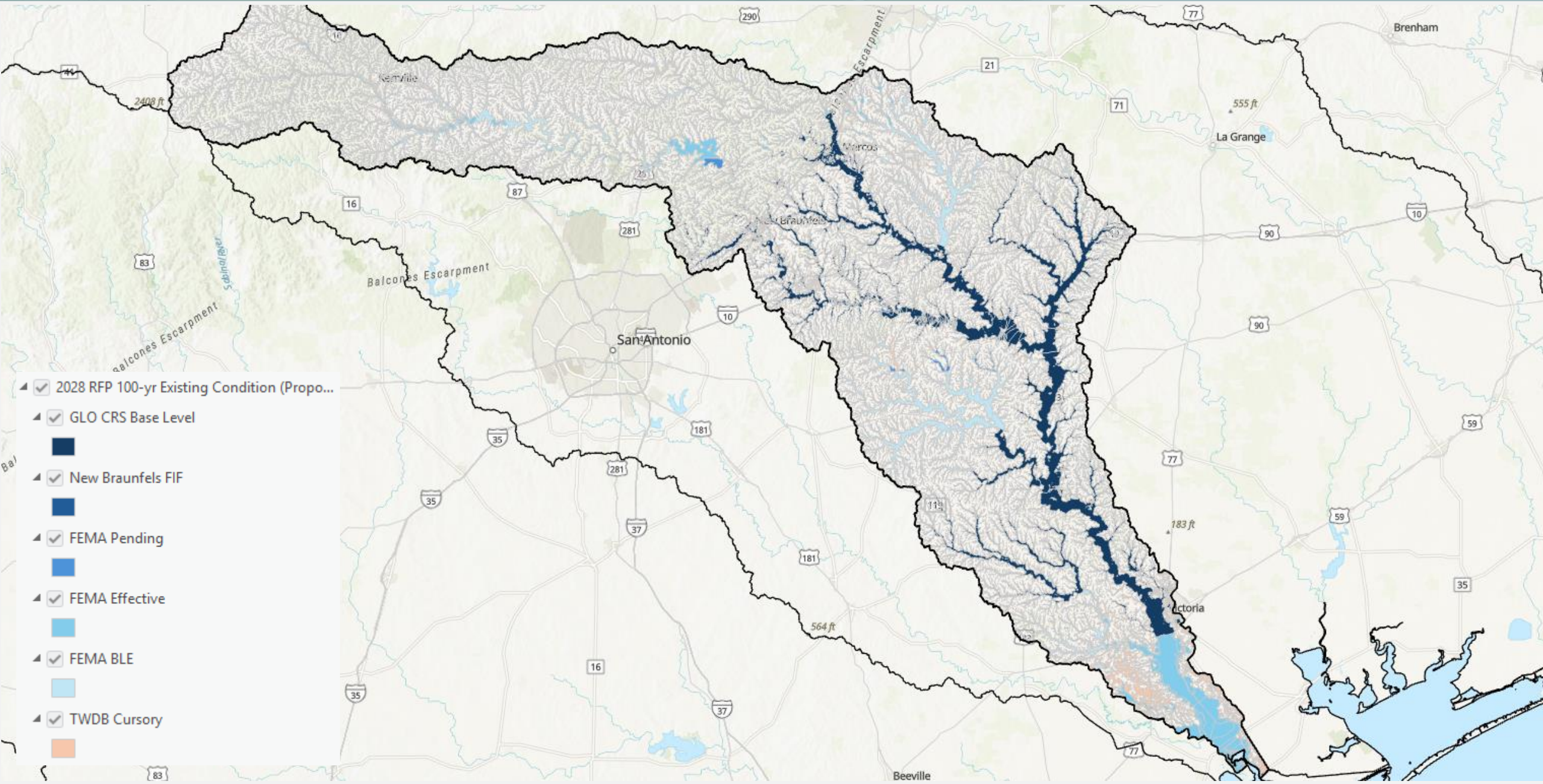
Please note: the data sets are large and currently the map is slow to open/render

- Apologies for the inconvenience – our Data team continues to work on optimizing the tiles for viewing
- Recommend zooming to area of interest before turning layers on – it helps a little
- The following slides include screen shots that walk-through data, changes, and recommendations

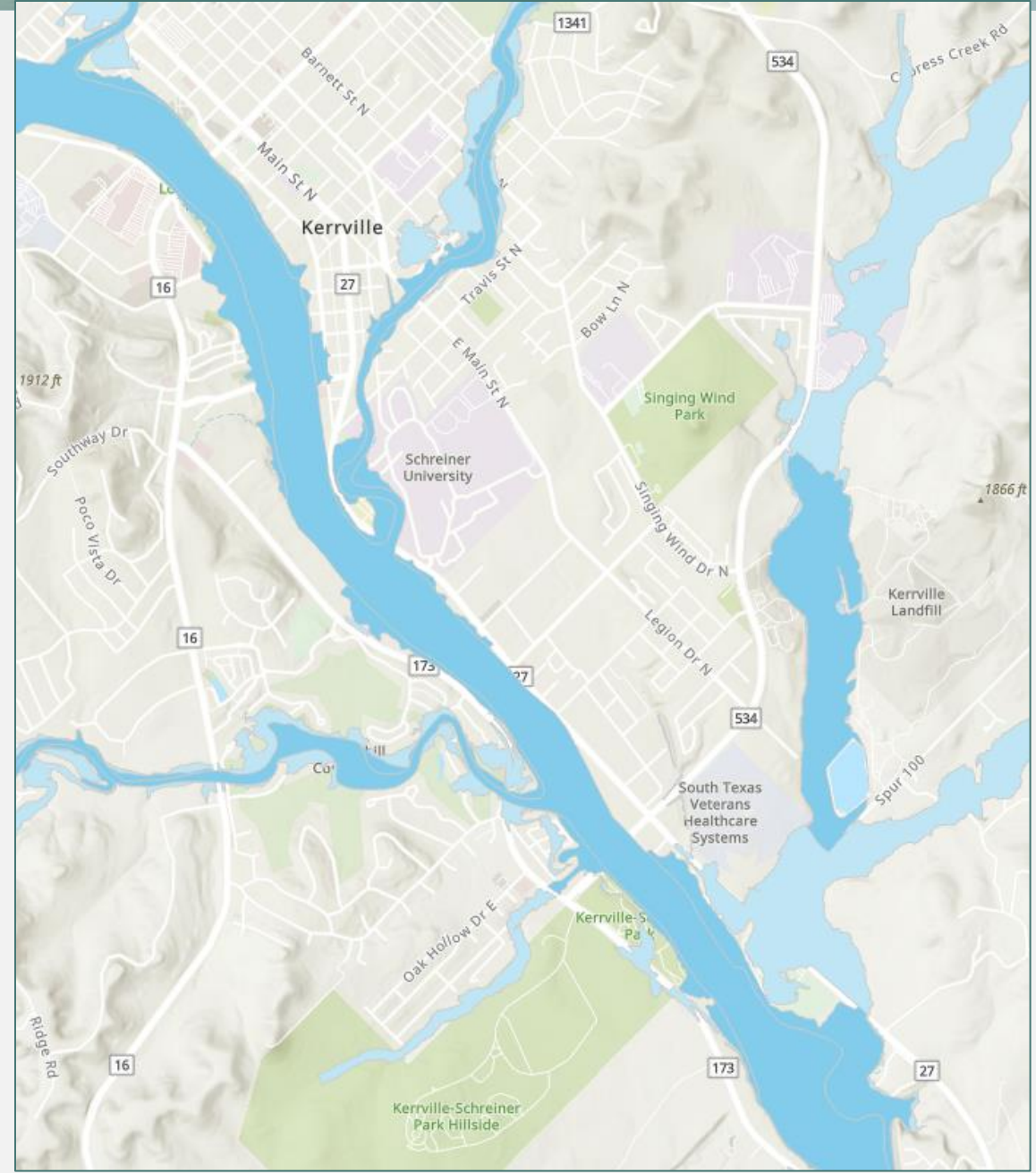
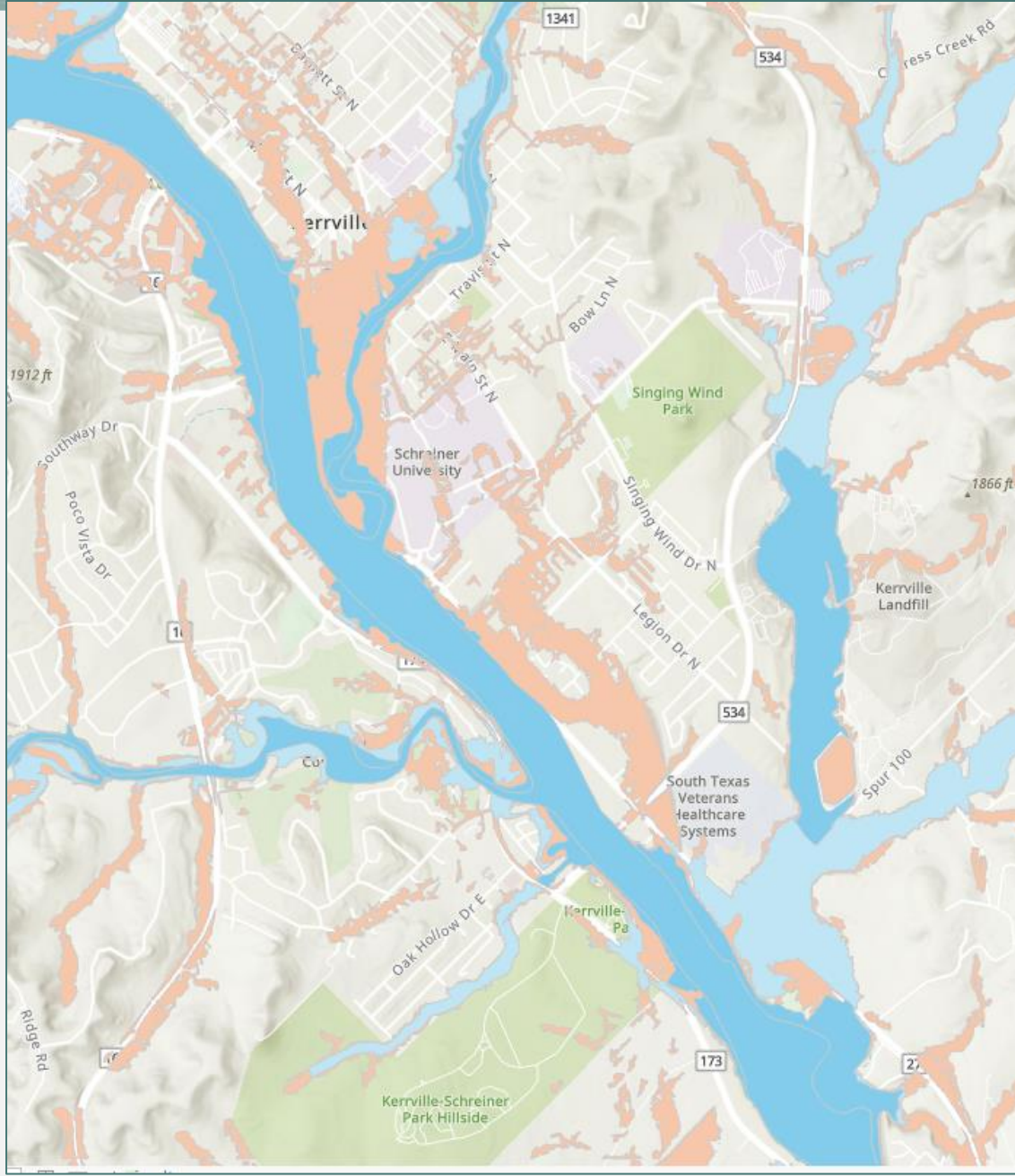
Entire Basin: Existing 100-year (by source)



Entire Basin: Existing 100-year (by source)



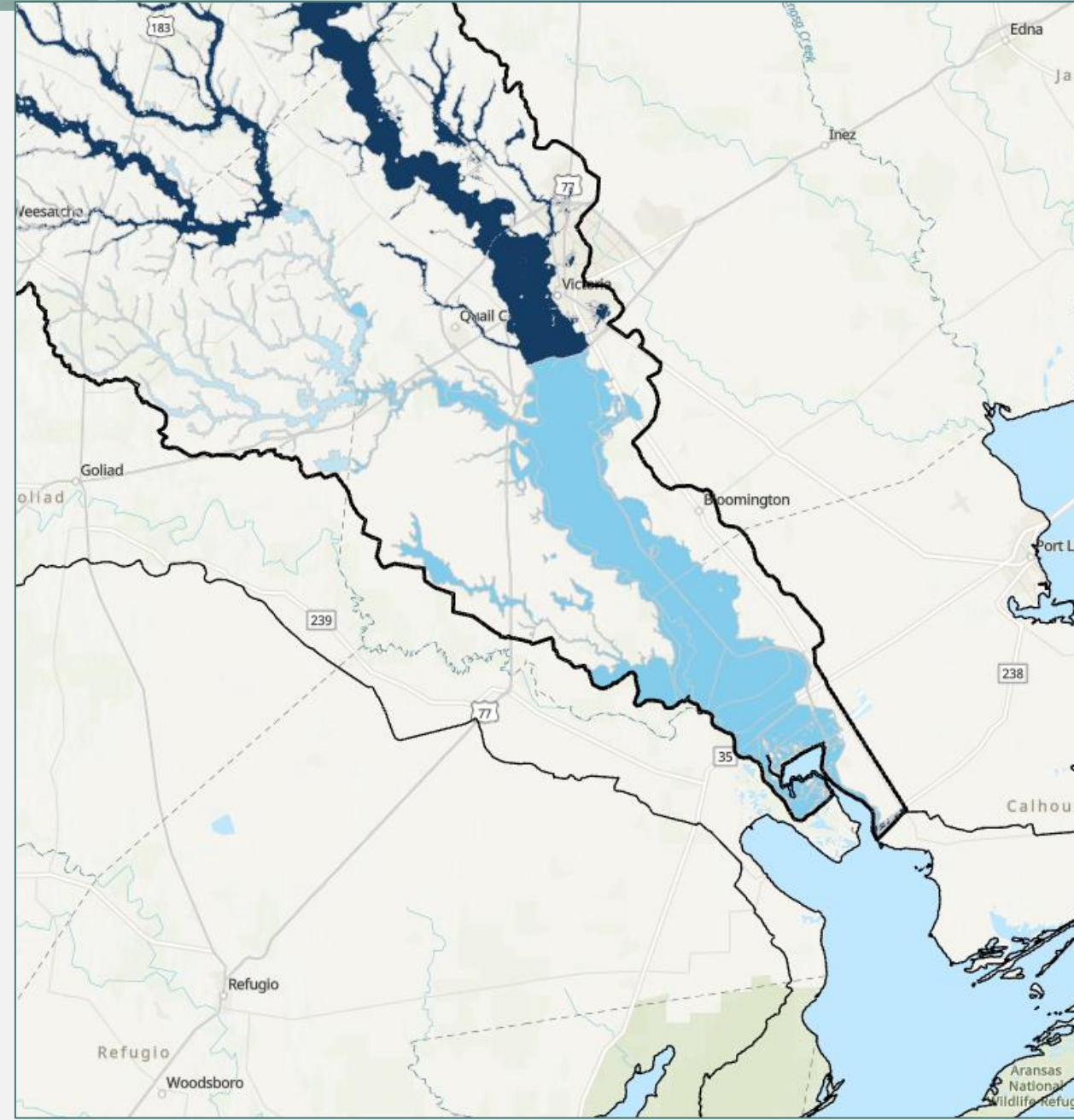
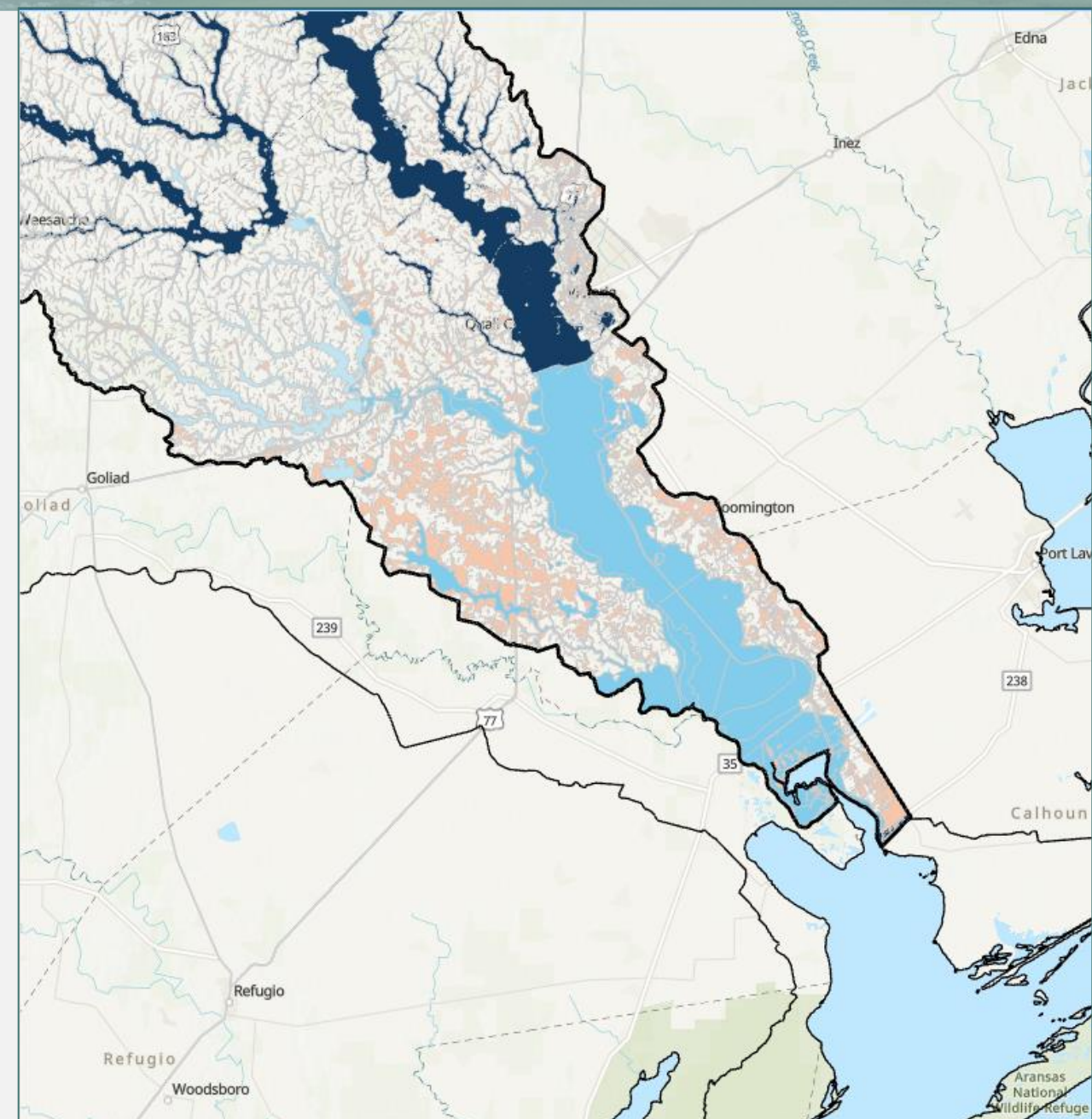
Example (Proposed 100-yr with Cursory vs. without)



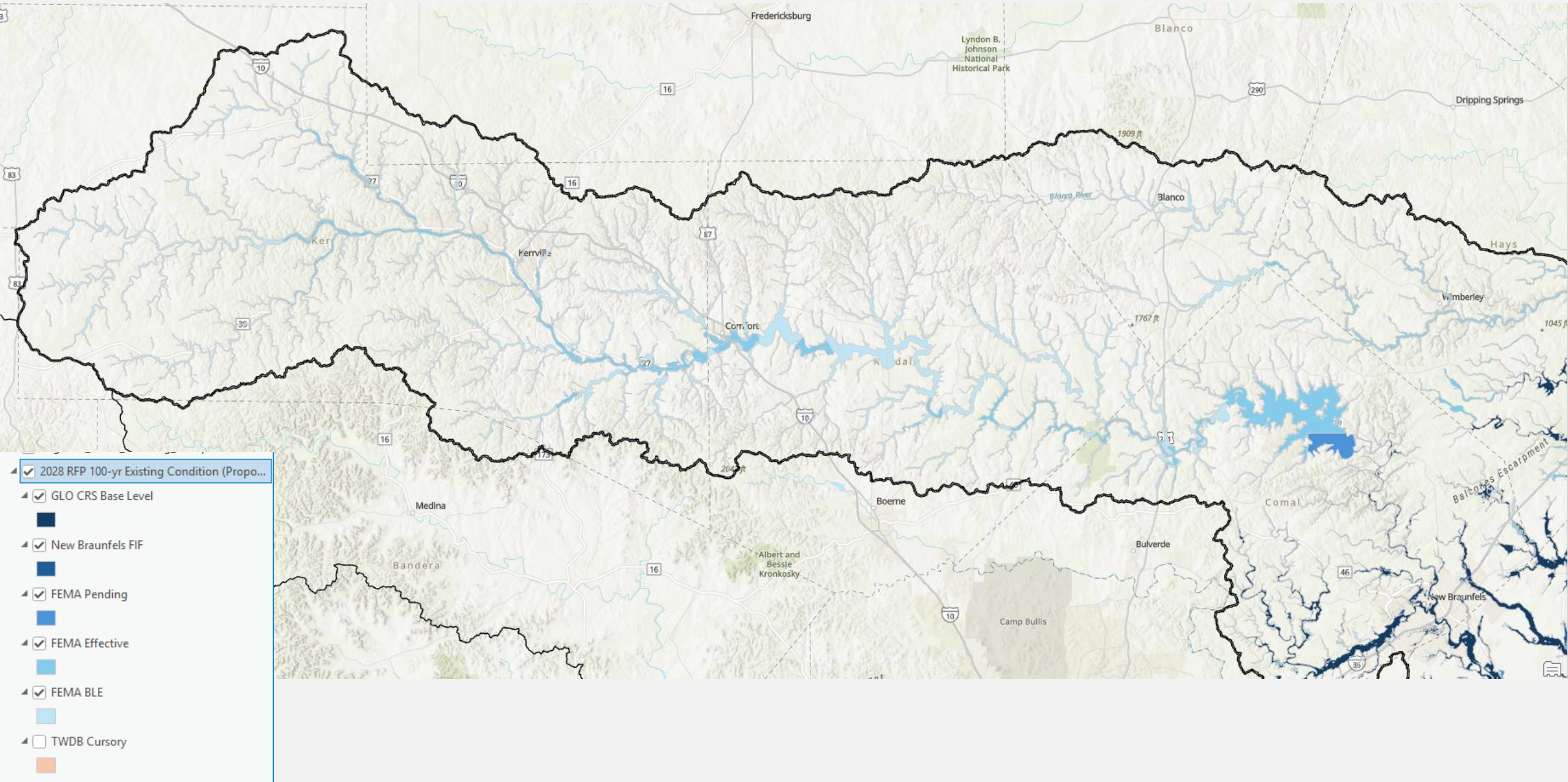
Example (Proposed 100-yr with Cursory vs. without)



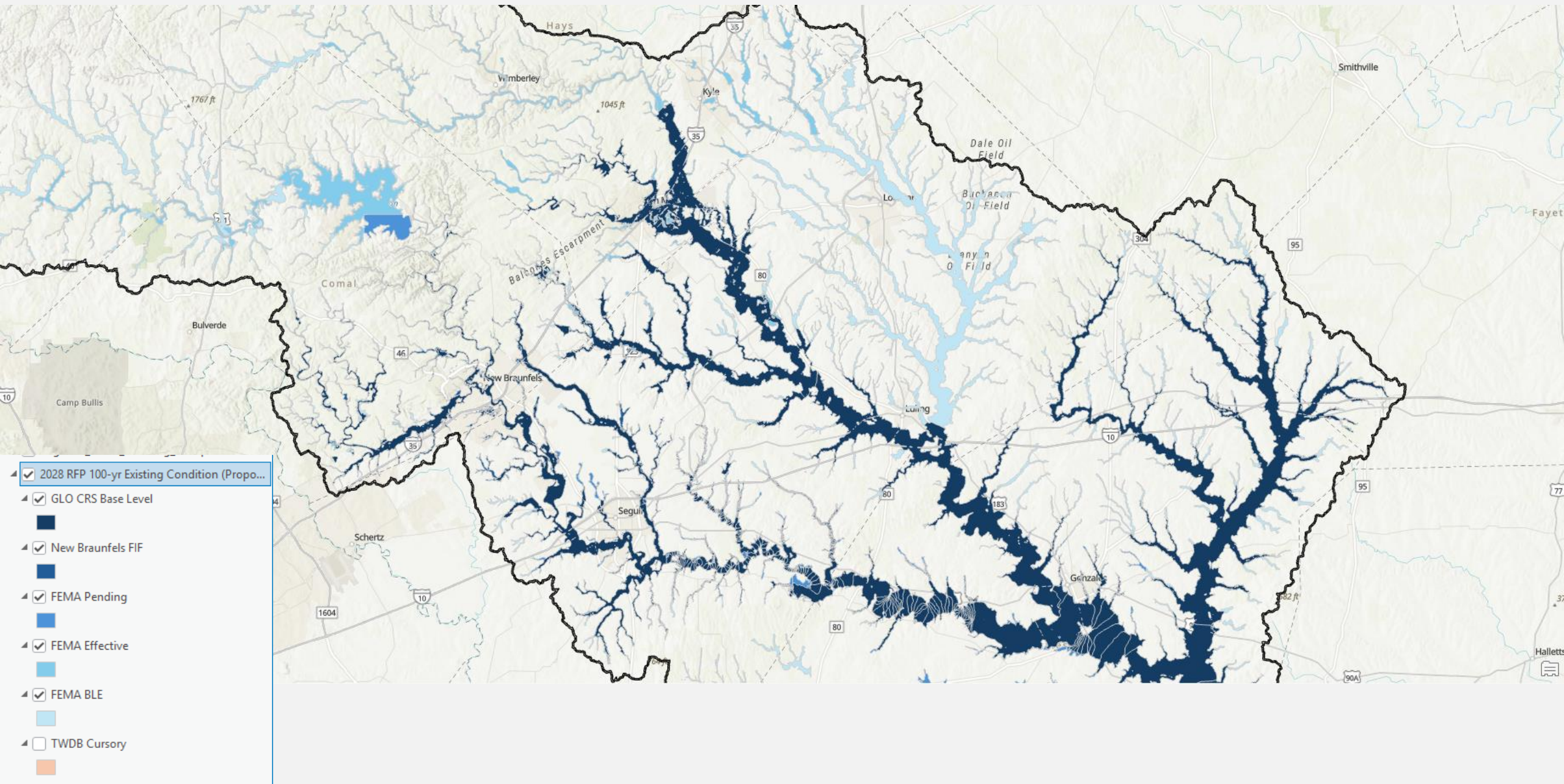
Example (Proposed 100-yr with Cursory vs. without)



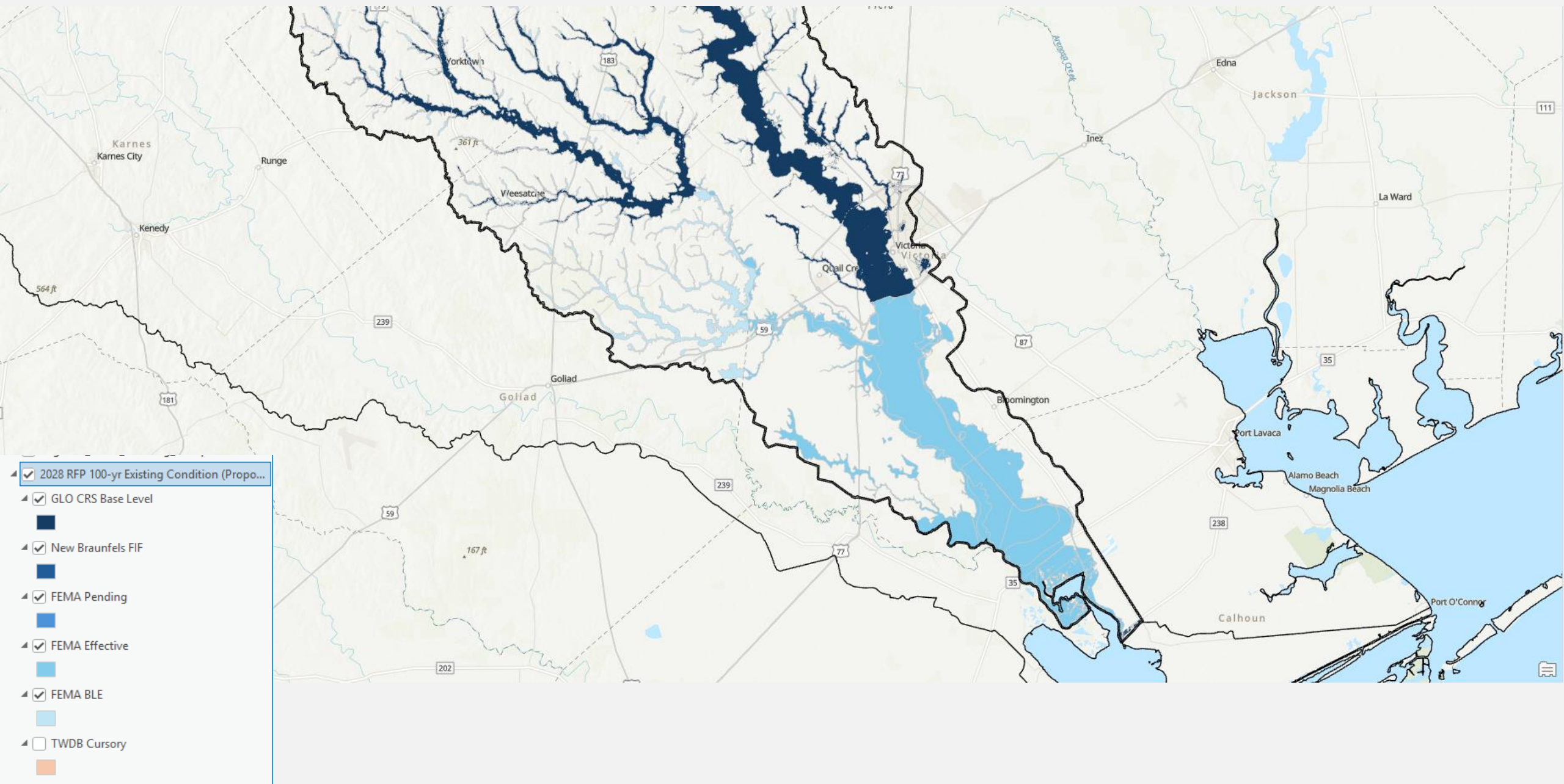
Upper Basin: Proposed 100-yr (by source)



Mid-basin Proposed 100-yr (by source)



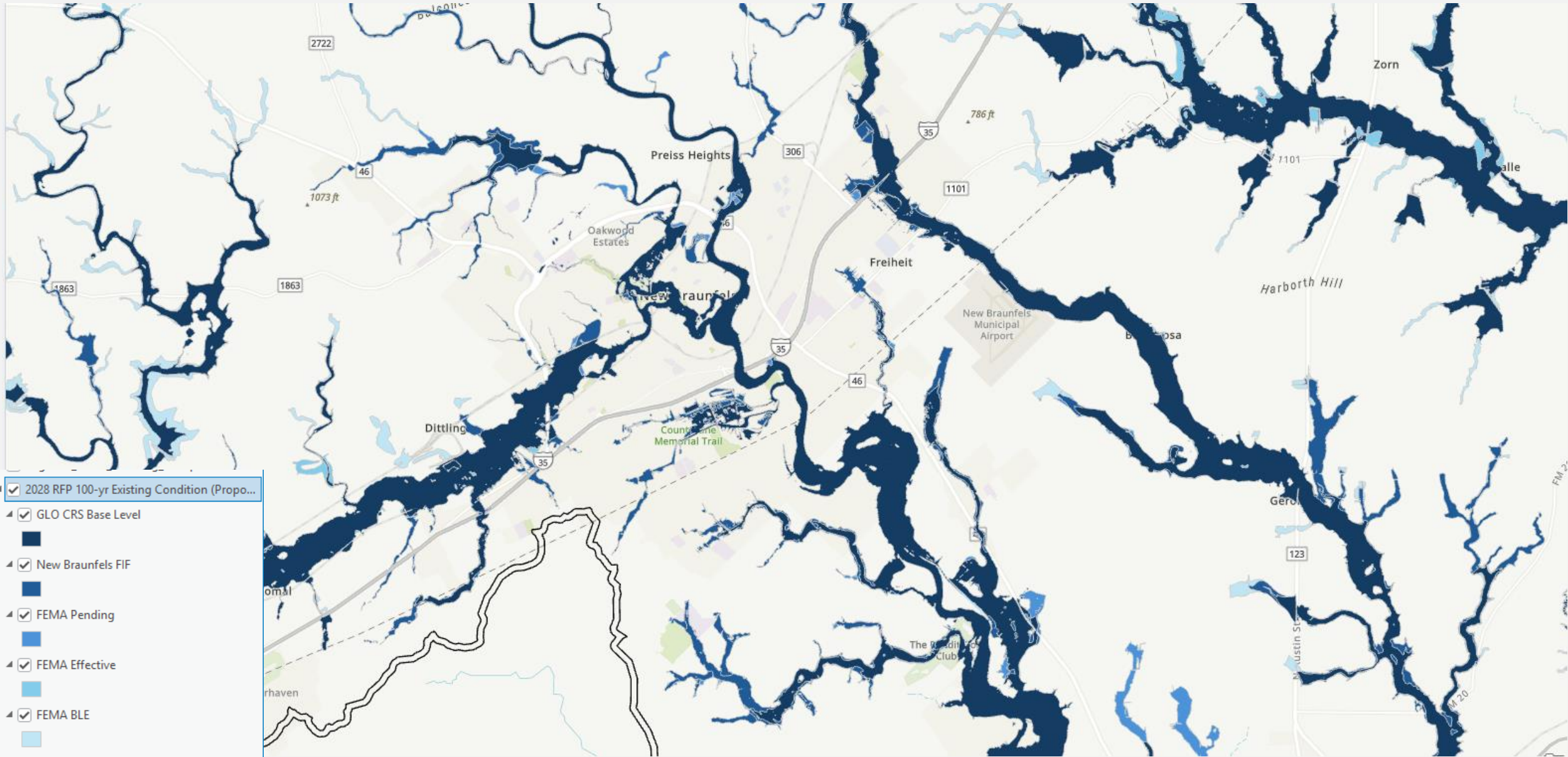
Lower Basin Proposed 100-yr (by source)



Select Areas: Proposed 100-yr (by source)



Select Areas: Proposed 100-yr (by source)



Select Areas: Proposed 100-yr (by source)

6 ft

San Marcos

Sunset Acres

Redwood

Willow Creek

Balcones Escarpment

San Marcos Municipal Airport

Reed Creek

Maxwell

State Highway 130

FM 110

FM 621

State Highway 35

State Highway 80

State Highway 21

677 ft

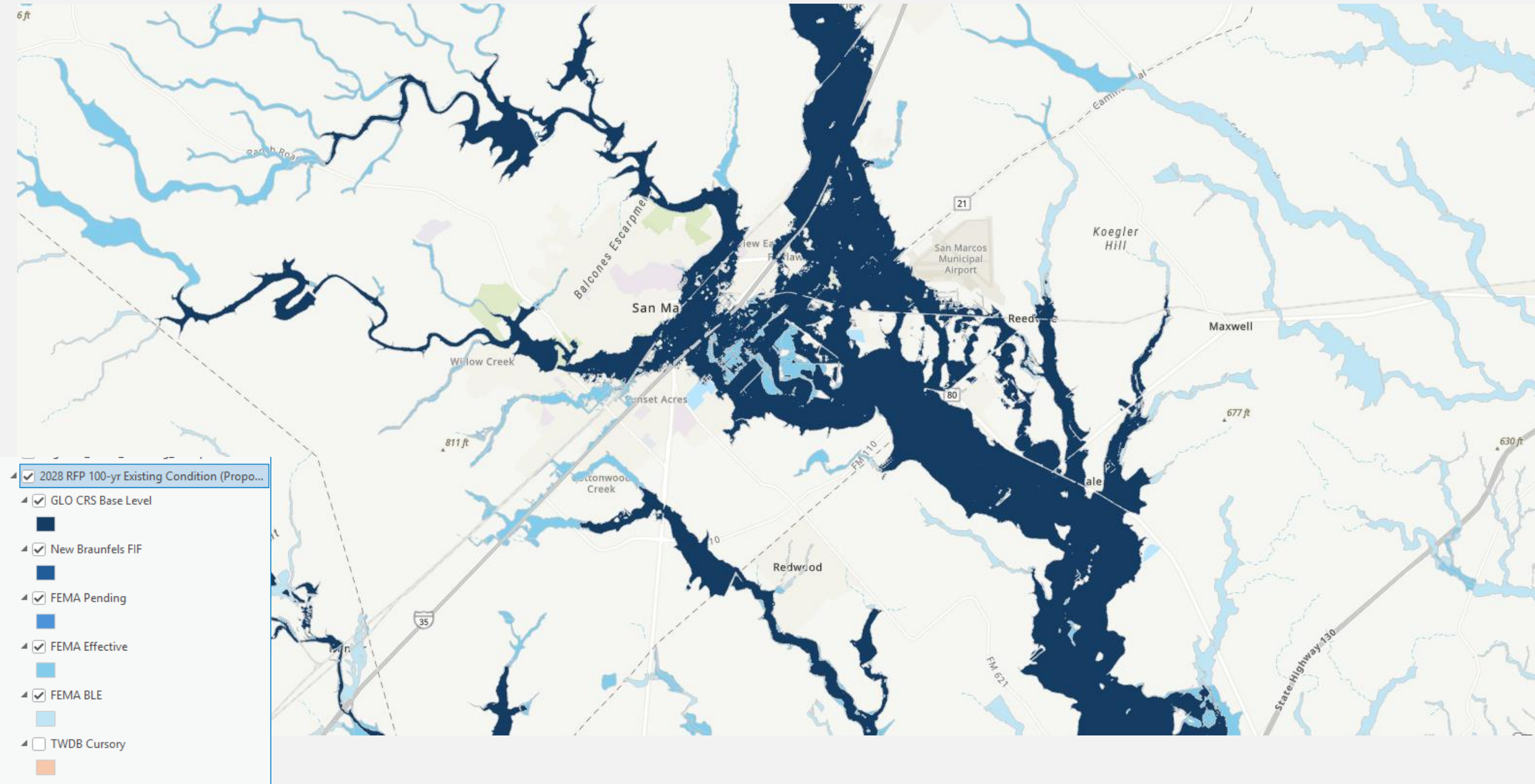
630 ft

811 ft

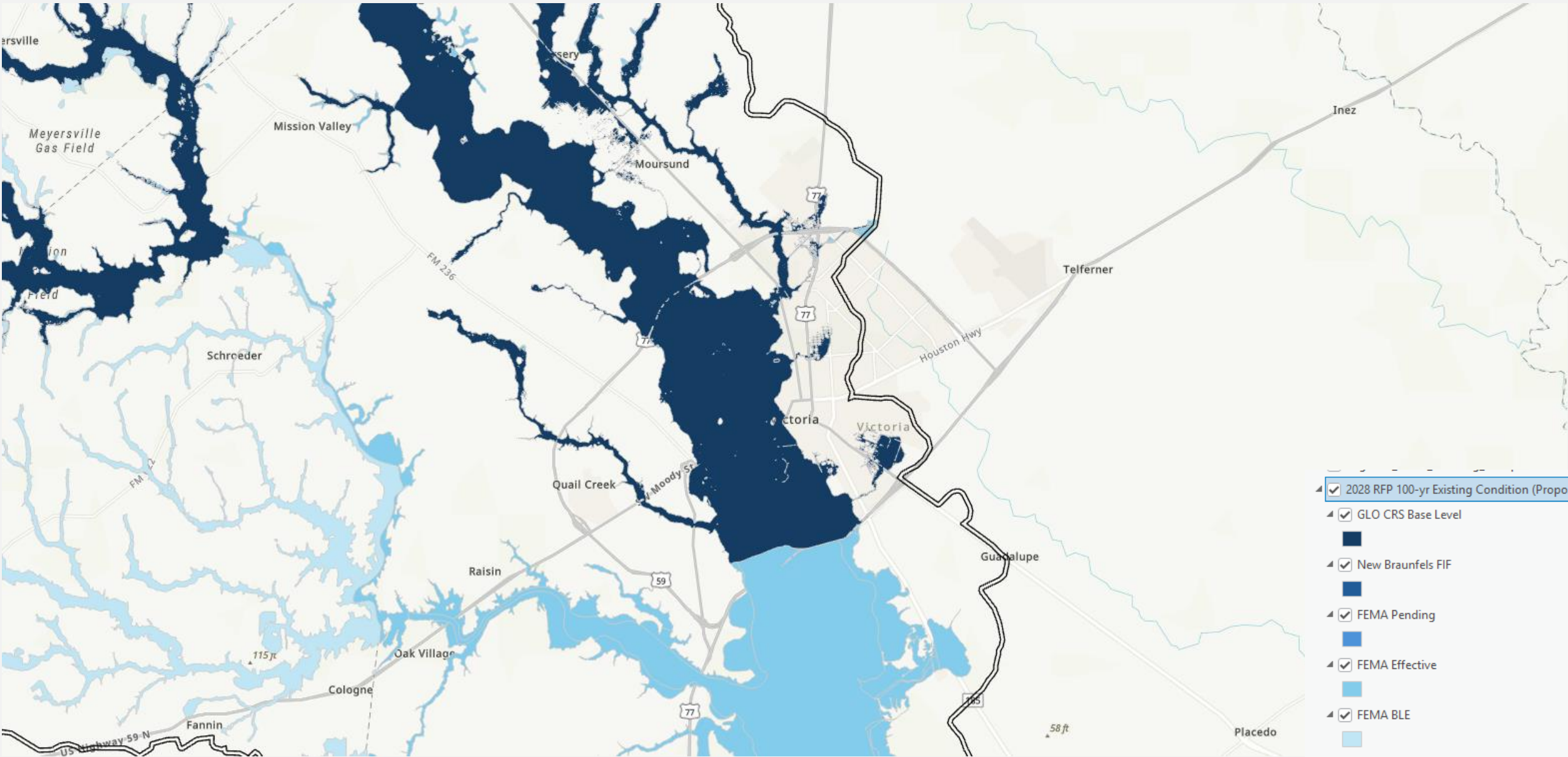
6 ft

Legend:

- ☒ 2028 RFP 100-yr Existing Condition (Proposed)
- ☒ GLO CRS Base Level
- ☒ New Braunfels FIF
- ☒ FEMA Pending
- ☒ FEMA Effective
- ☒ FEMA BLE
- ☐ TWDB Cursory

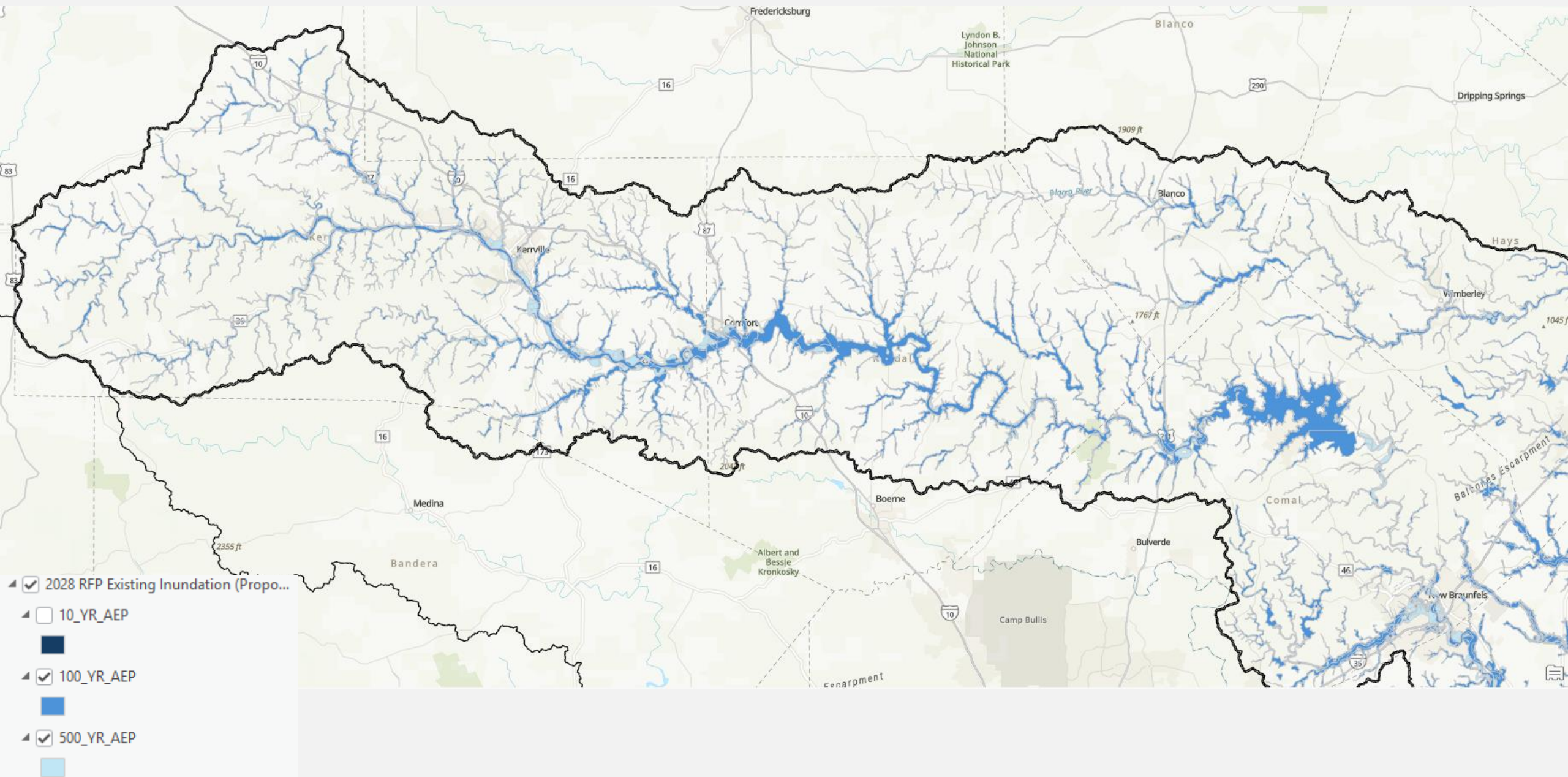


Select Areas: Proposed 100-yr (by source)

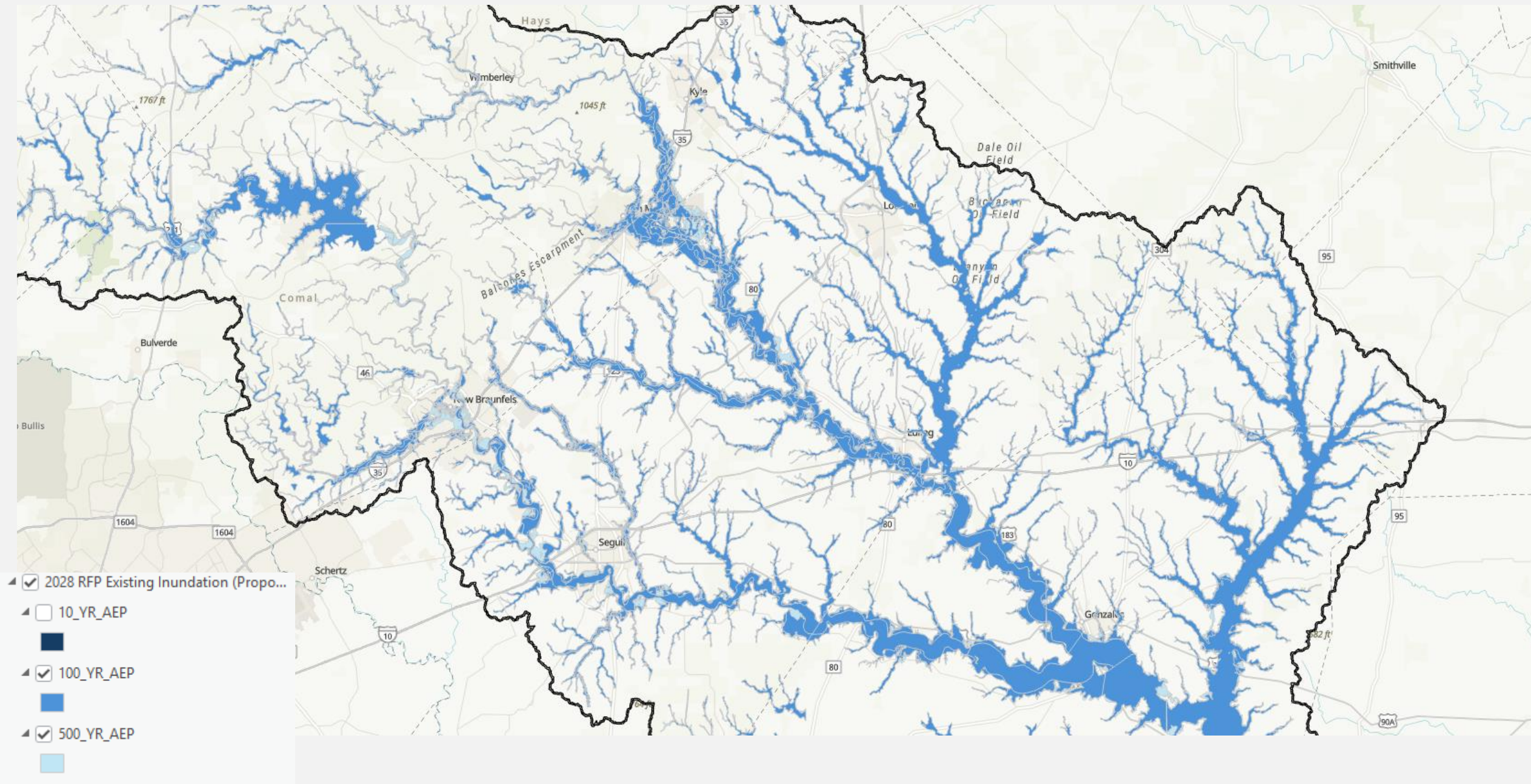


- ☒ 2028 RFP 100-yr Existing Condition (Propo...
- ☒ GLO CRS Base Level
- ☒ New Braunfels FIF
- ☒ FEMA Pending
- ☒ FEMA Effective
- ☒ FEMA BLE
- ☐ TWDB Cursory

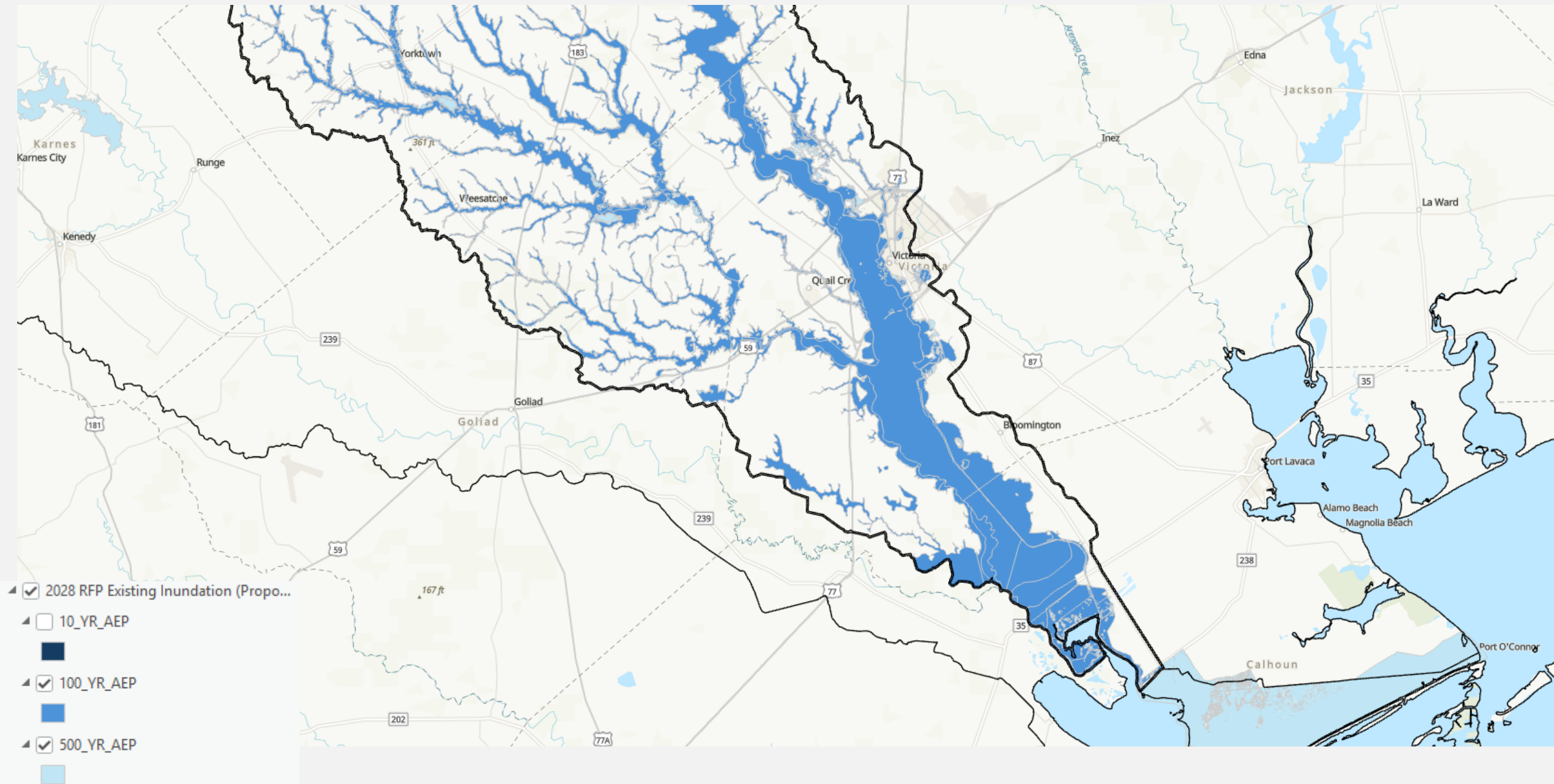
Upper Basin: 100-yr and 500-yr Existing (simplified)



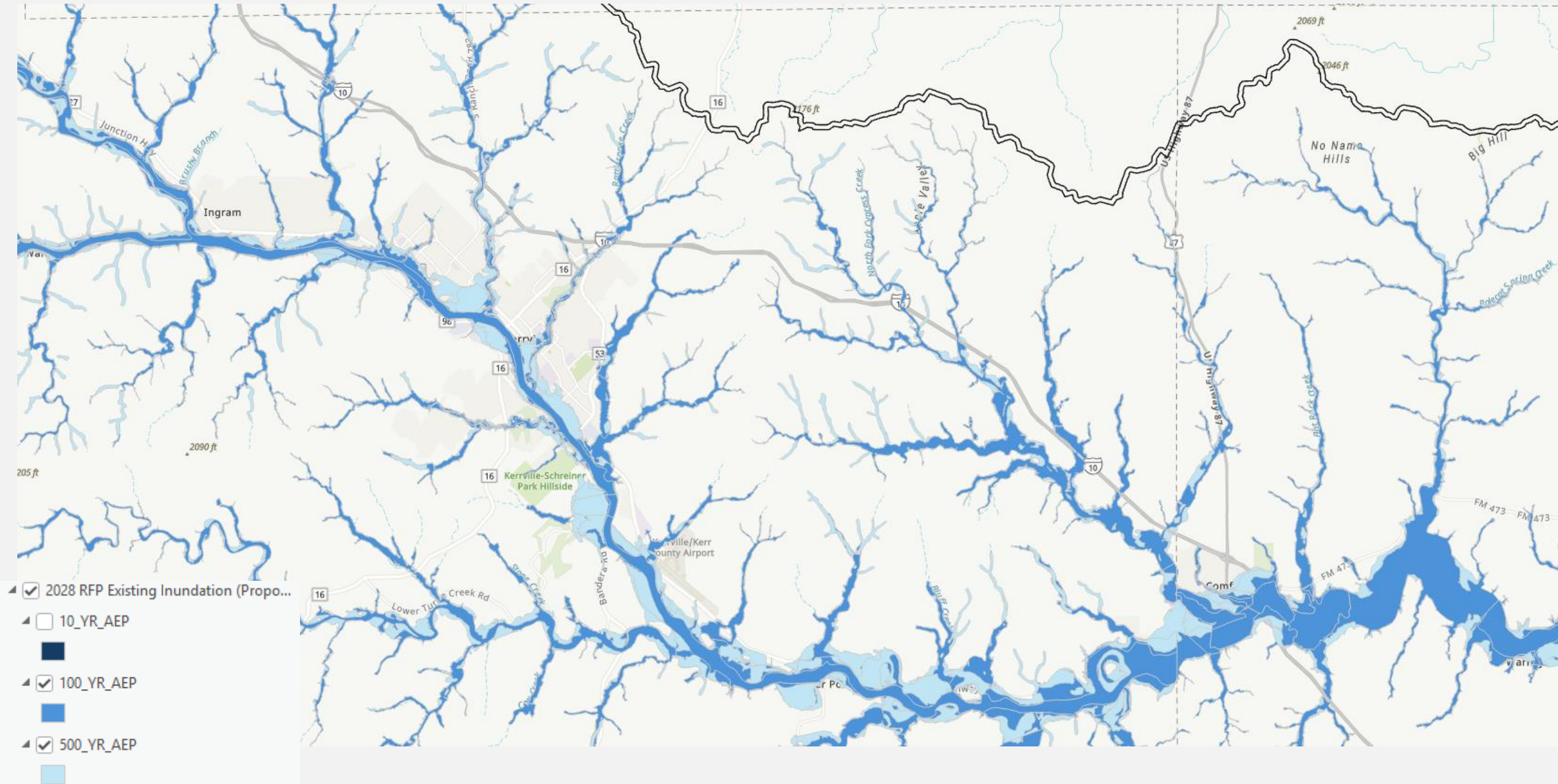
Mid-Basin: 100-yr and 500-yr Existing (simplified)



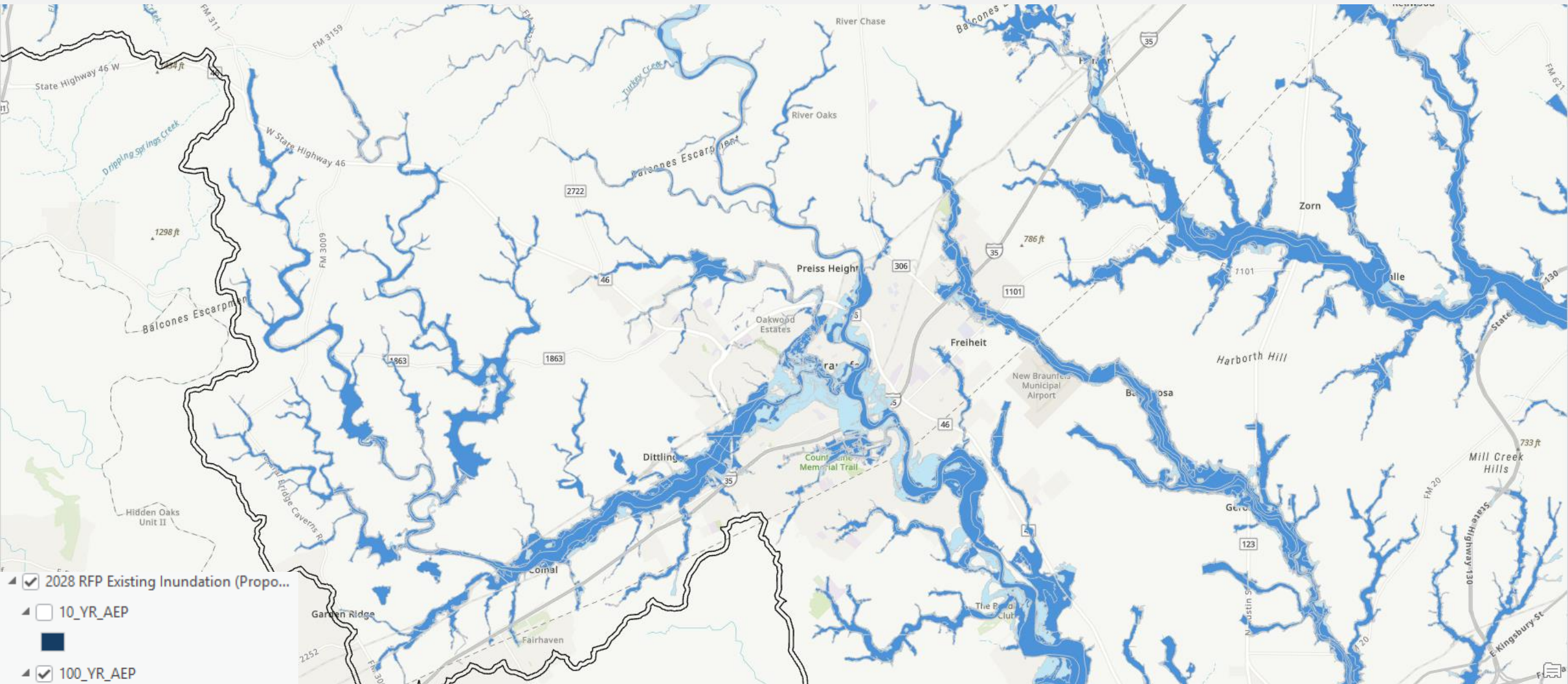
Lower Basin: 100-yr and 500-yr Existing (simplified)



Select Area: 100-yr and 500-yr Existing (simplified)



Select Area: 100-yr and 500-yr Existing (simplified)



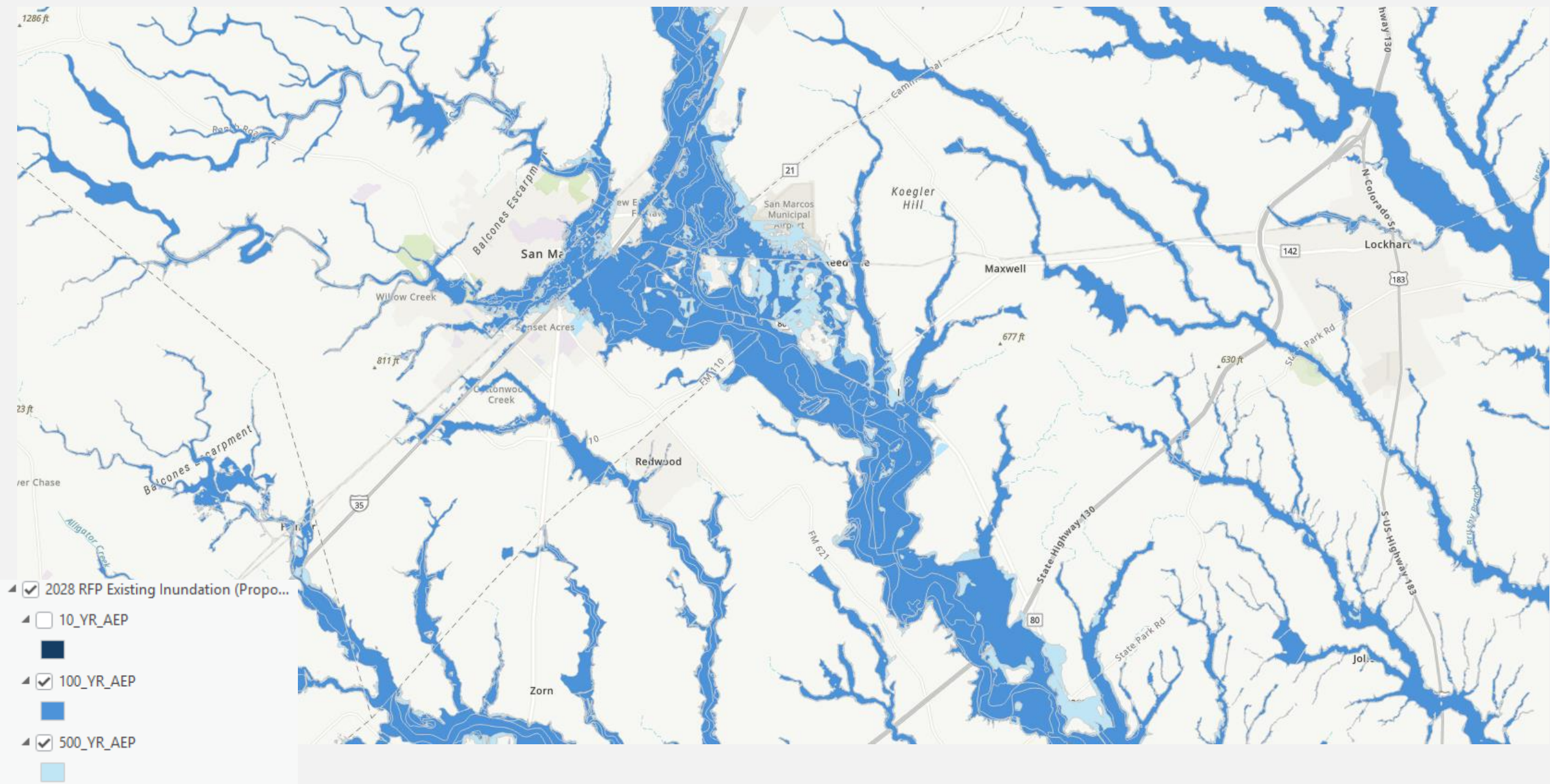
☒ 2028 RFP Existing Inundation (Propo...

☐ 10_YR_AEP

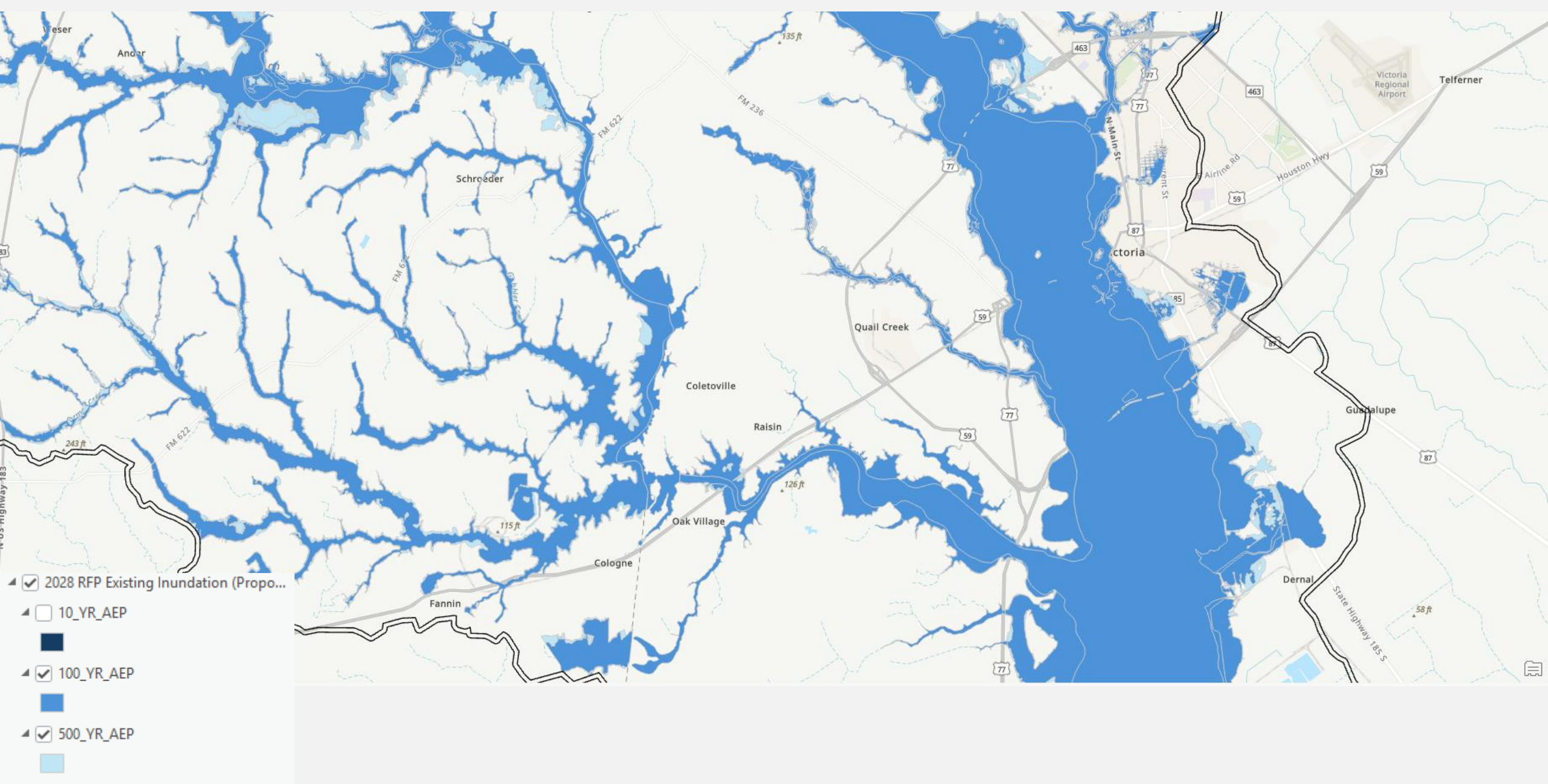
☒ 100_YR_AEP

☒ 500_YR_AEP

Select Area: 100-yr and 500-yr Existing (simplified)




Select Area: 100-yr and 500-yr Existing (simplified)



A wide-angle photograph of a coastal marsh or wetland. The foreground and middle ground are filled with shallow water reflecting the sky, interspersed with patches of green marsh grass and reeds. The background shows a flat horizon under a cloudy sky. The entire image has a semi-transparent blue overlay.

Task 2B

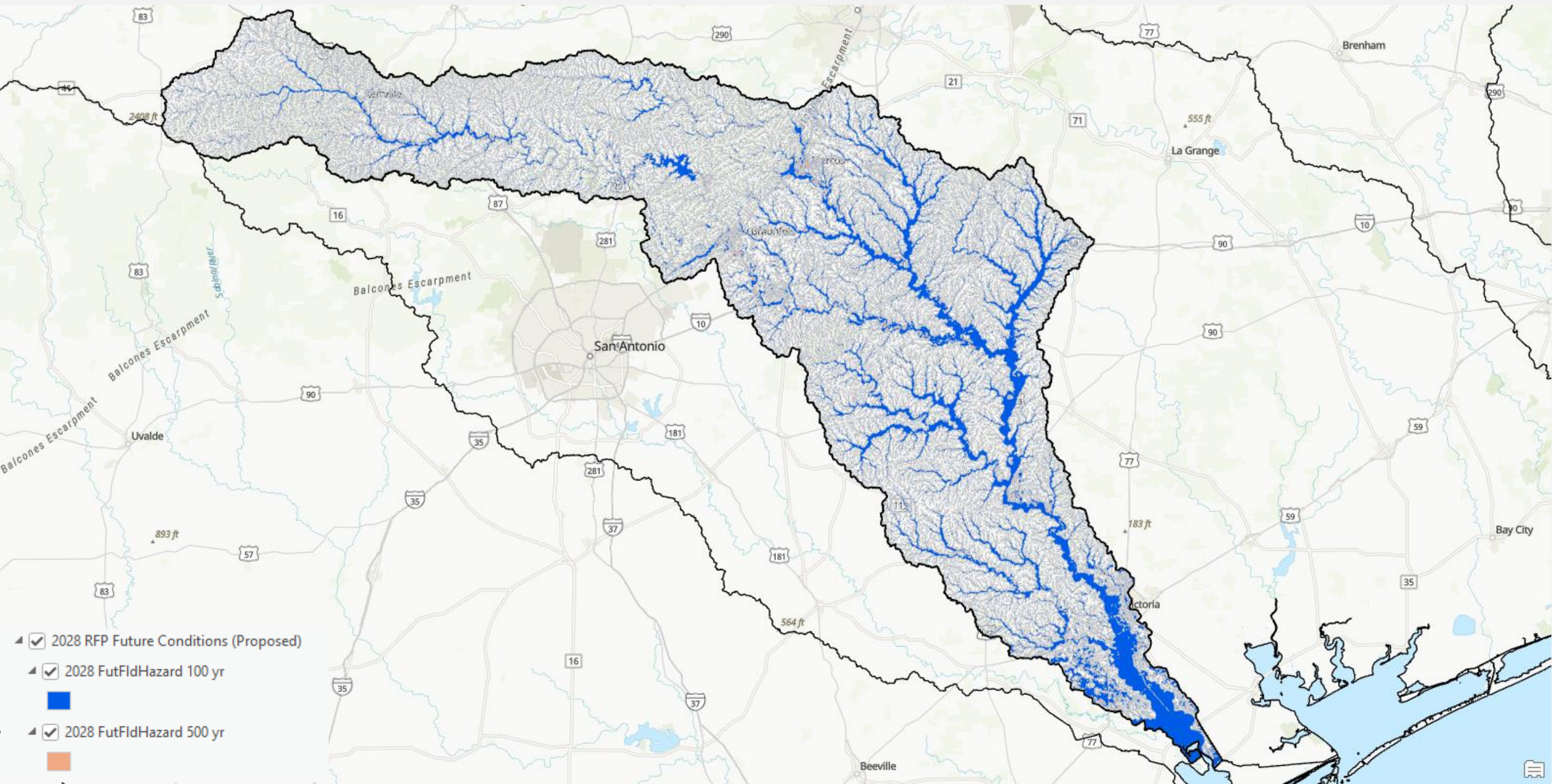
Future Condition Flood Risk Analyses



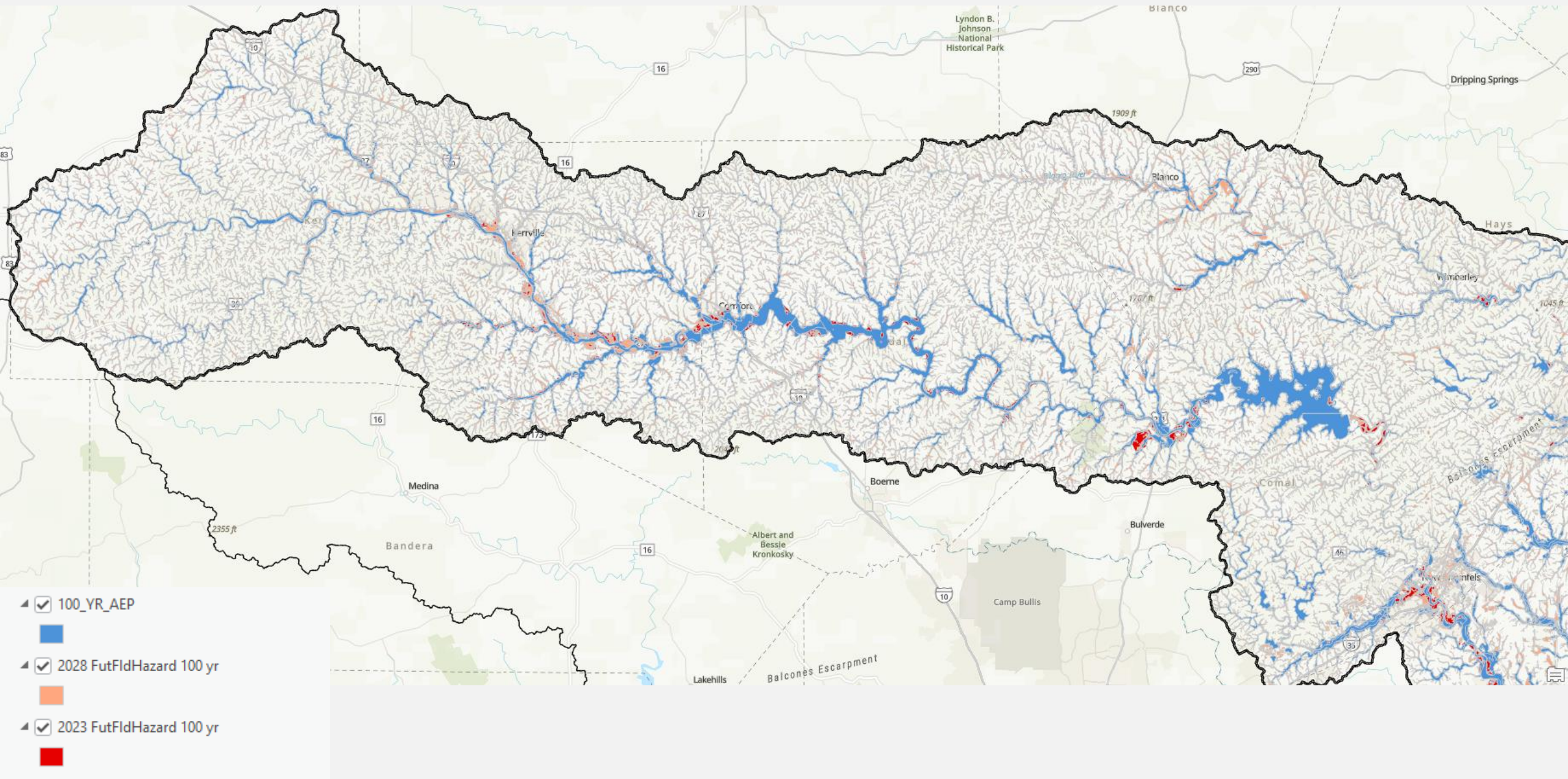
Task 2B: Future Flood Inundation

- **2023 RFP Process:**
 - Existing 500-yr uses as a proxy Future 100-yr
 - Future 500-yr was created with buffers based on existing
- **New / Updated data for 2028 RFP:**
 - TWDB Cursory Data Sets
 - TWDB recommends Scenario 3
- **Recommendation:**
 - Use TWDB Scenario 3
 - Trim/Cut where smaller than Existing
- ***Reminder: RFPG mapping is Non-Regulatory, it is intended for Planning Purposes only***

Entire Basin: TWDB Future 100-yr and 500-yr (Scenario 3)



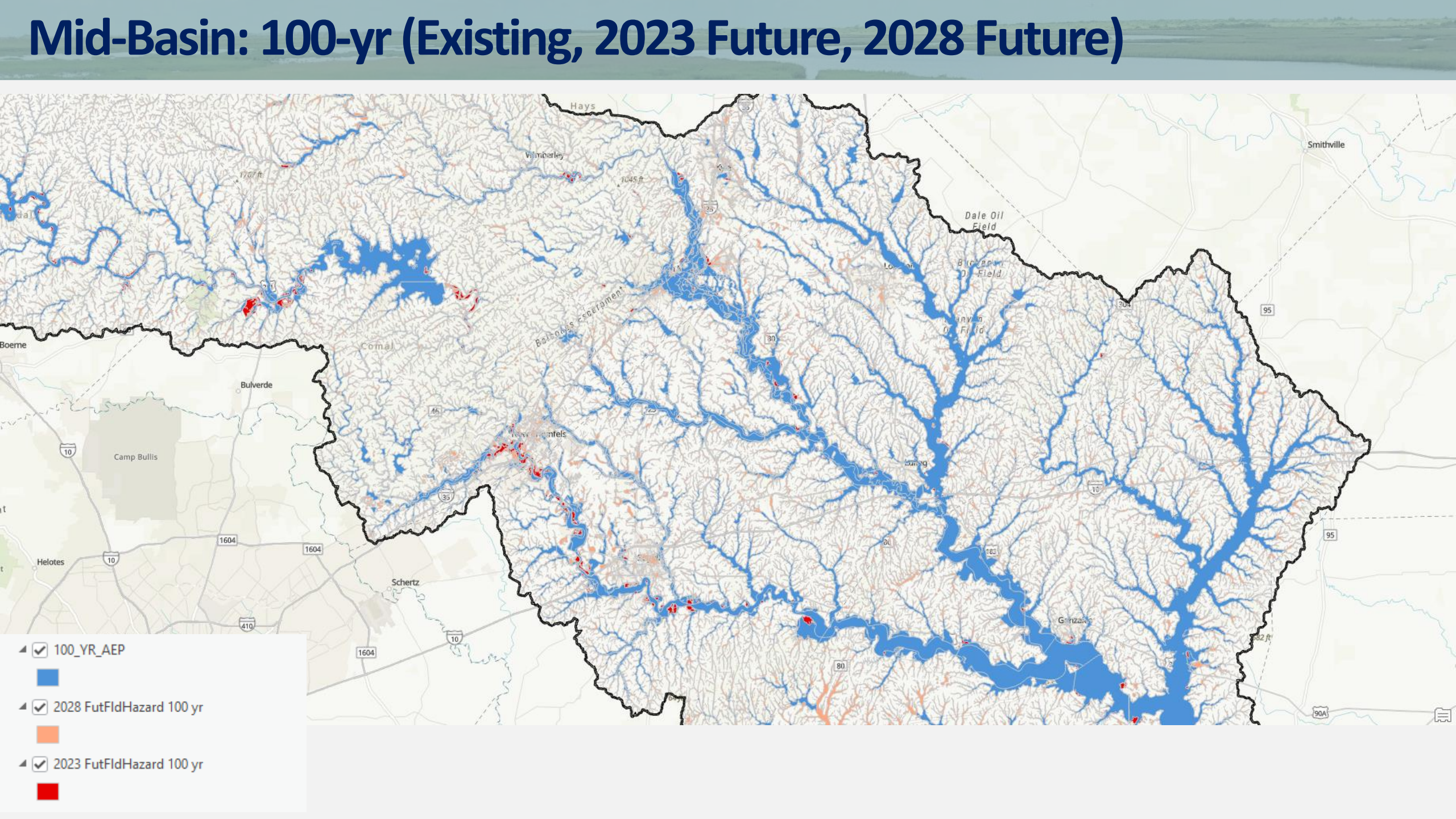
Upper Basin: 100-yr (Existing, 2023 Future, 2028 Future)



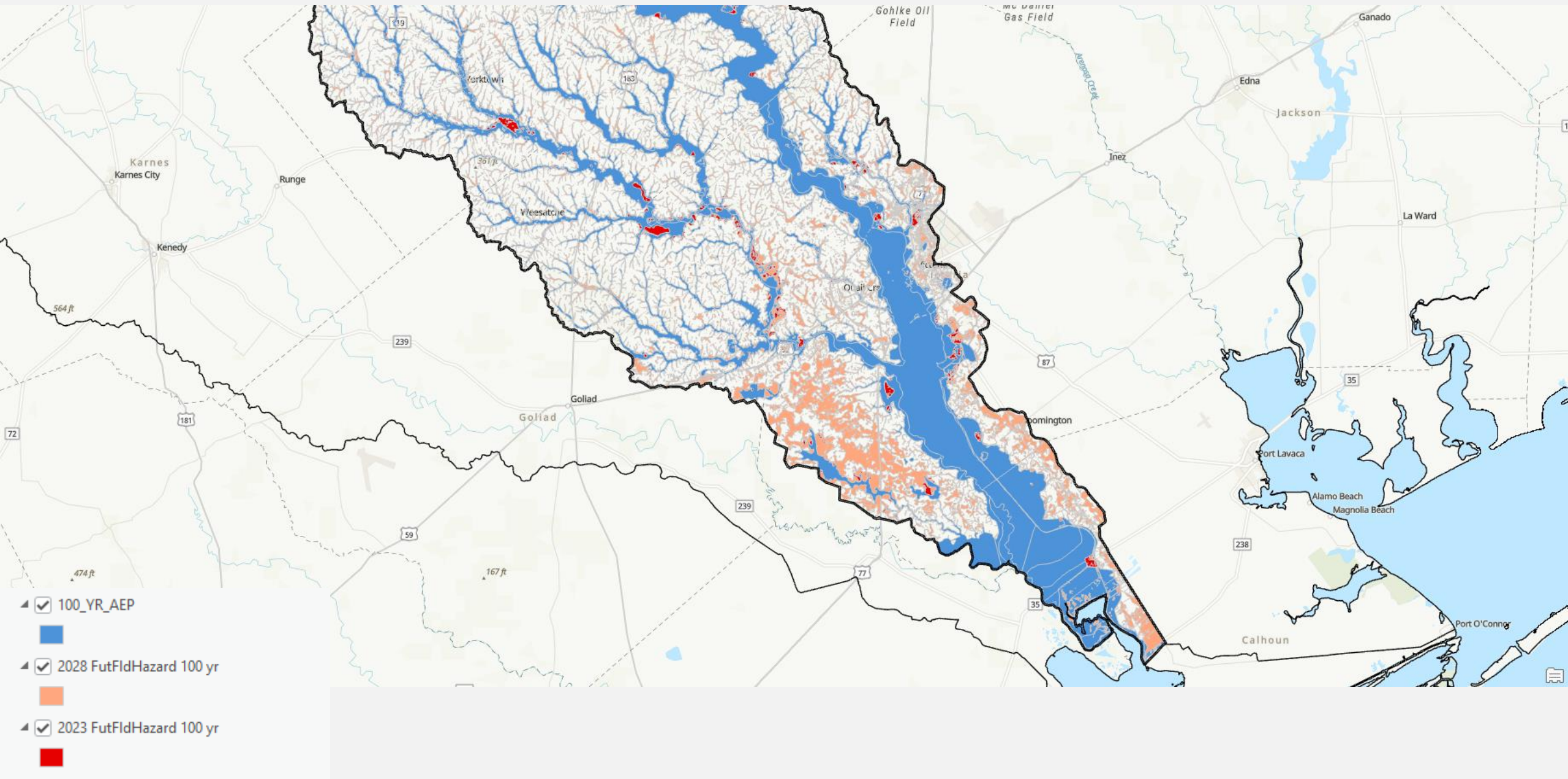
Mid-Basin: 100-yr (Existing, 2023 Future, 2028 Future)

Map showing the Mid-Basin area, highlighting flood hazard zones for the 100-year return period (AEP) under three scenarios: Existing, 2023 Future, and 2028 Future. The map displays the extensive Barton Creek Escarpment and surrounding regions, including areas like Hays, Wimberley, Comal, Bulverde, Schertz, Gonzales, and Smithville. Major roads (I-10, I-35, I-410, I-90A) and local infrastructure are visible. The legend indicates the following categories:

- 100_YR_AEP (Blue)
- 2028 FutFldHazard 100 yr (Orange)
- 2023 FutFldHazard 100 yr (Red)

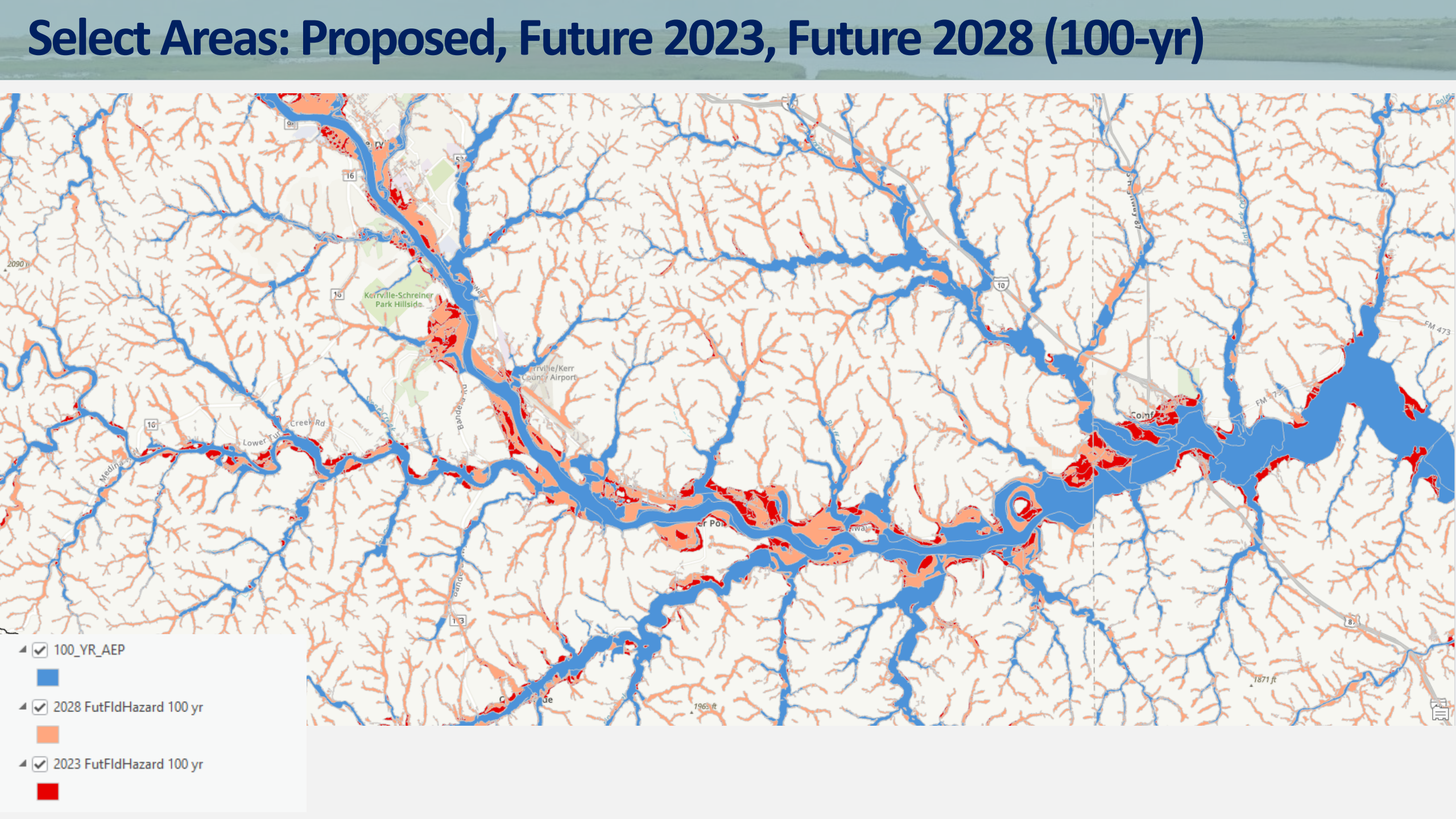


Lower Basin: 100-yr (Existing, 2023 Future, 2028 Future)

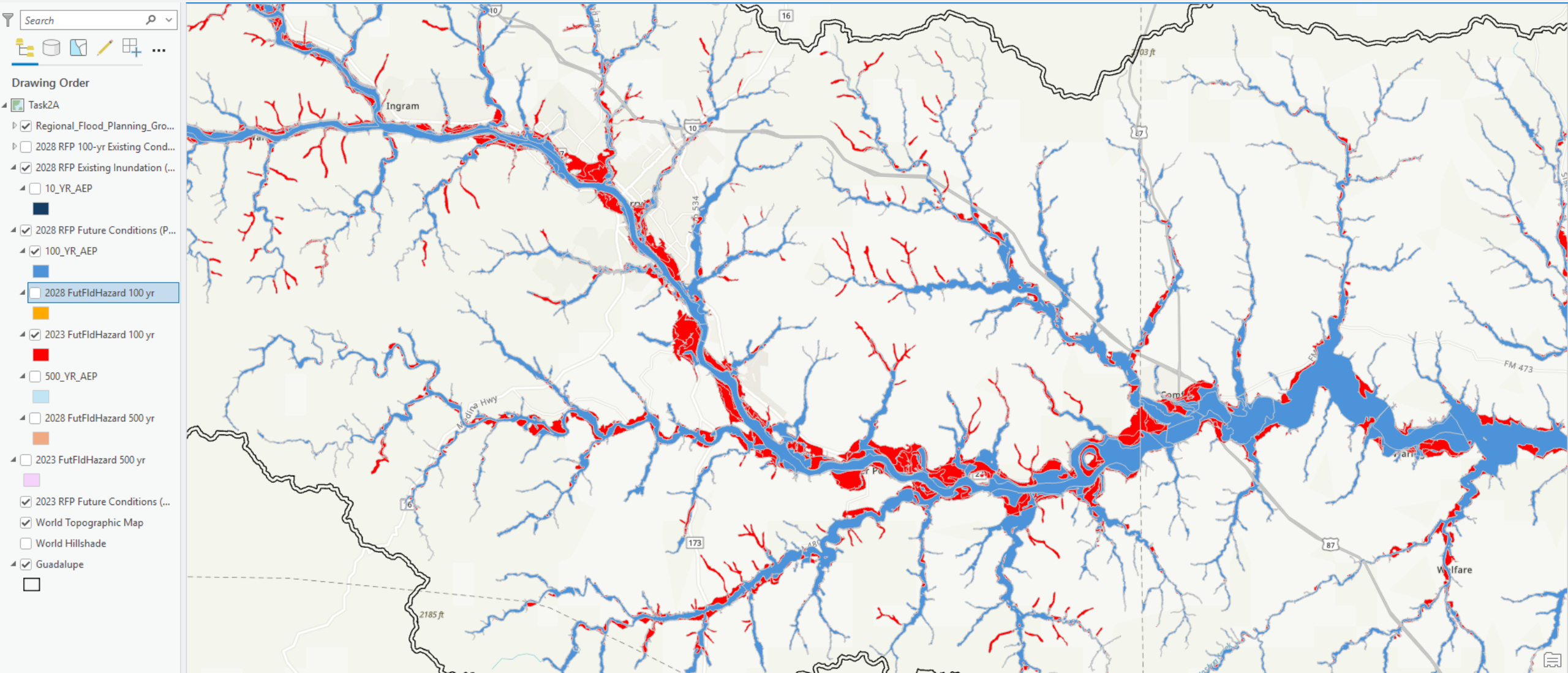


Select Areas: Proposed, Future 2023, Future 2028 (100-yr)

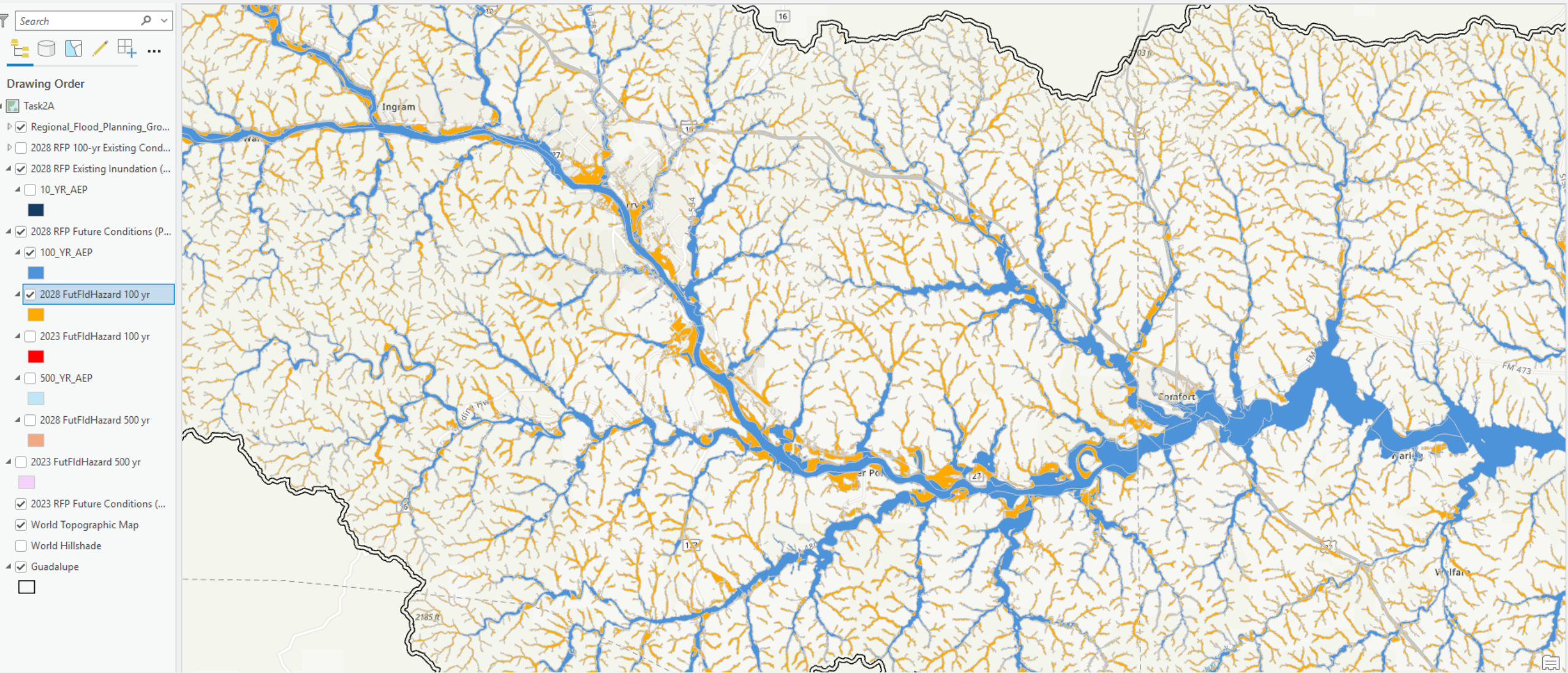
Map showing Select Areas: Proposed, Future 2023, Future 2028 (100-yr). The map displays the Kerr River and its tributaries, with flood hazard areas highlighted in blue (100_YR_AEP), orange (2028 FutFIdHazard 100 yr), and red (2023 FutFIdHazard 100 yr). Key locations include Kerrville-Schreiner Park Hillside, Kerrville/Kerr County Airport, and Lower Kerr. Major roads like Highway 10 and Highway 16 are shown. The map also includes elevation markers and a legend in the bottom left corner.



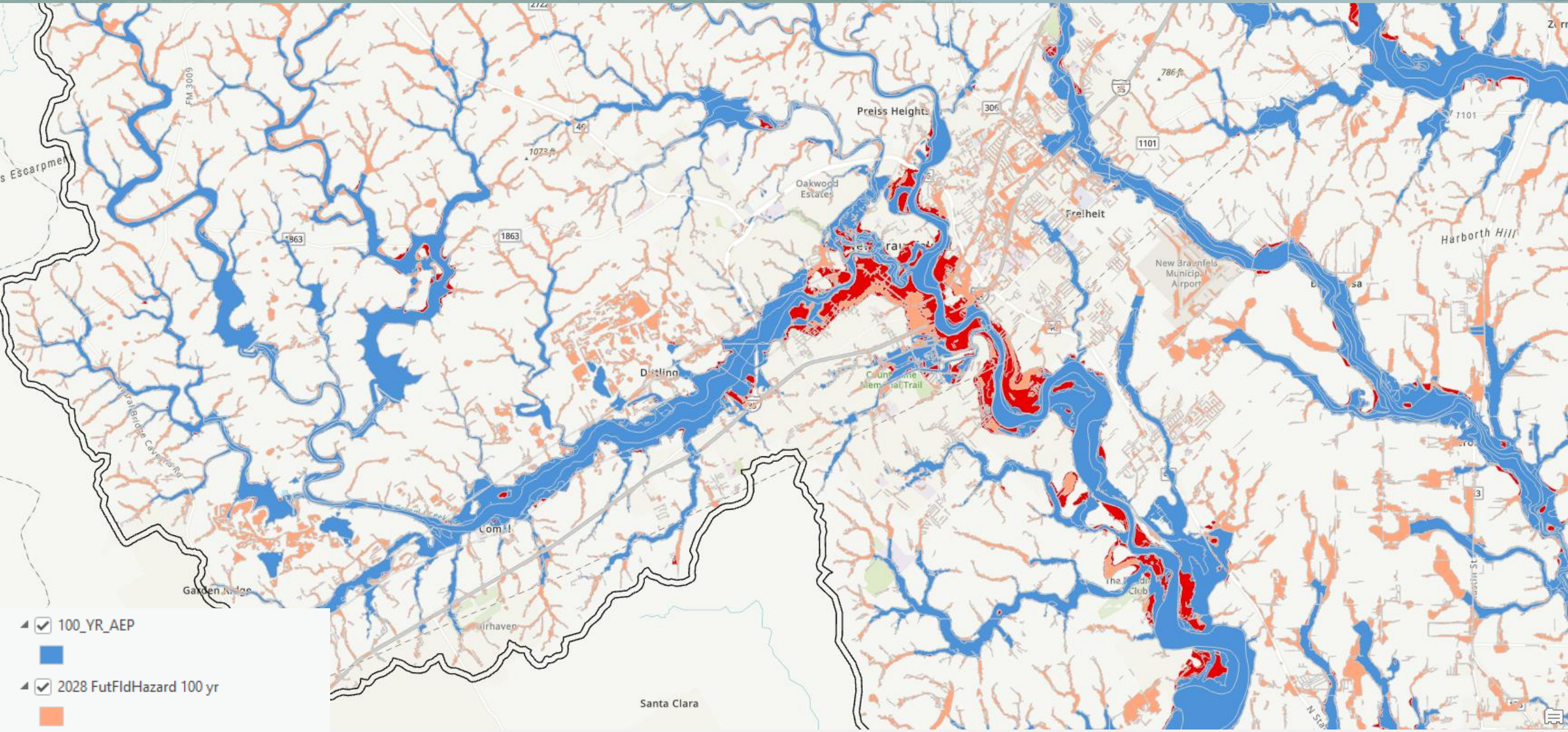
Select Areas: Proposed 100-yr vs Future 2023



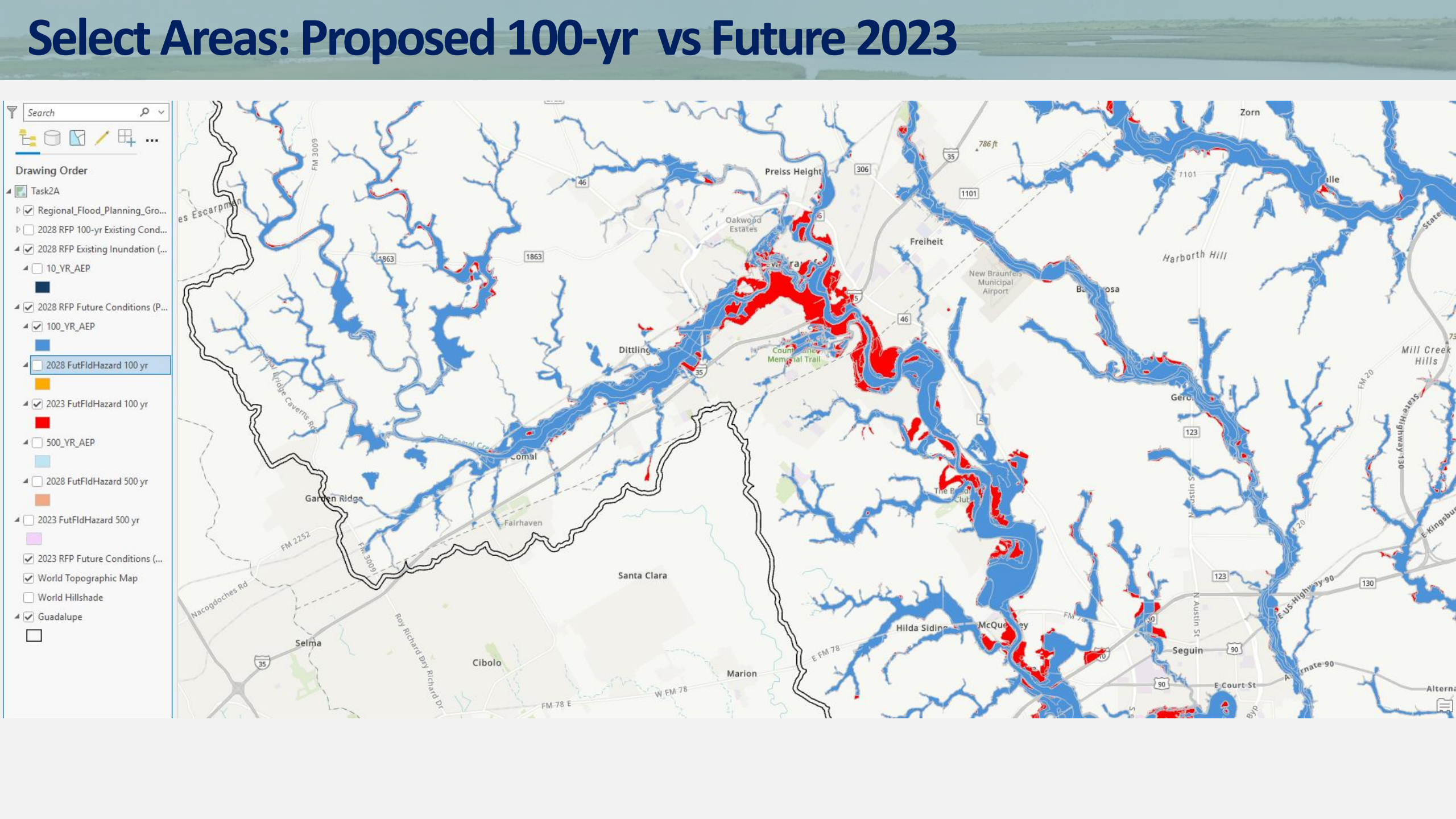
Select Areas: Proposed 100-yr vs Future 2028



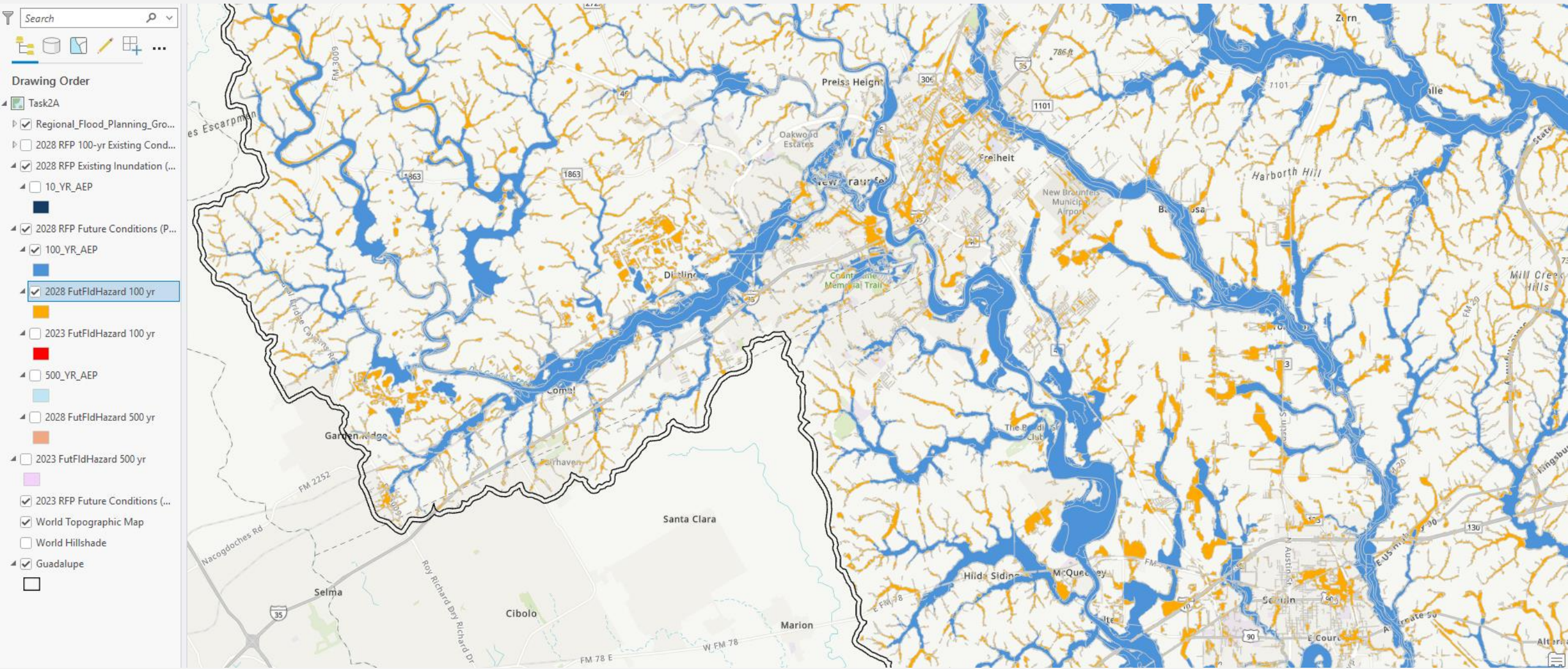
Select Areas: Proposed, Future 2023, Future 2028 (100-yr)



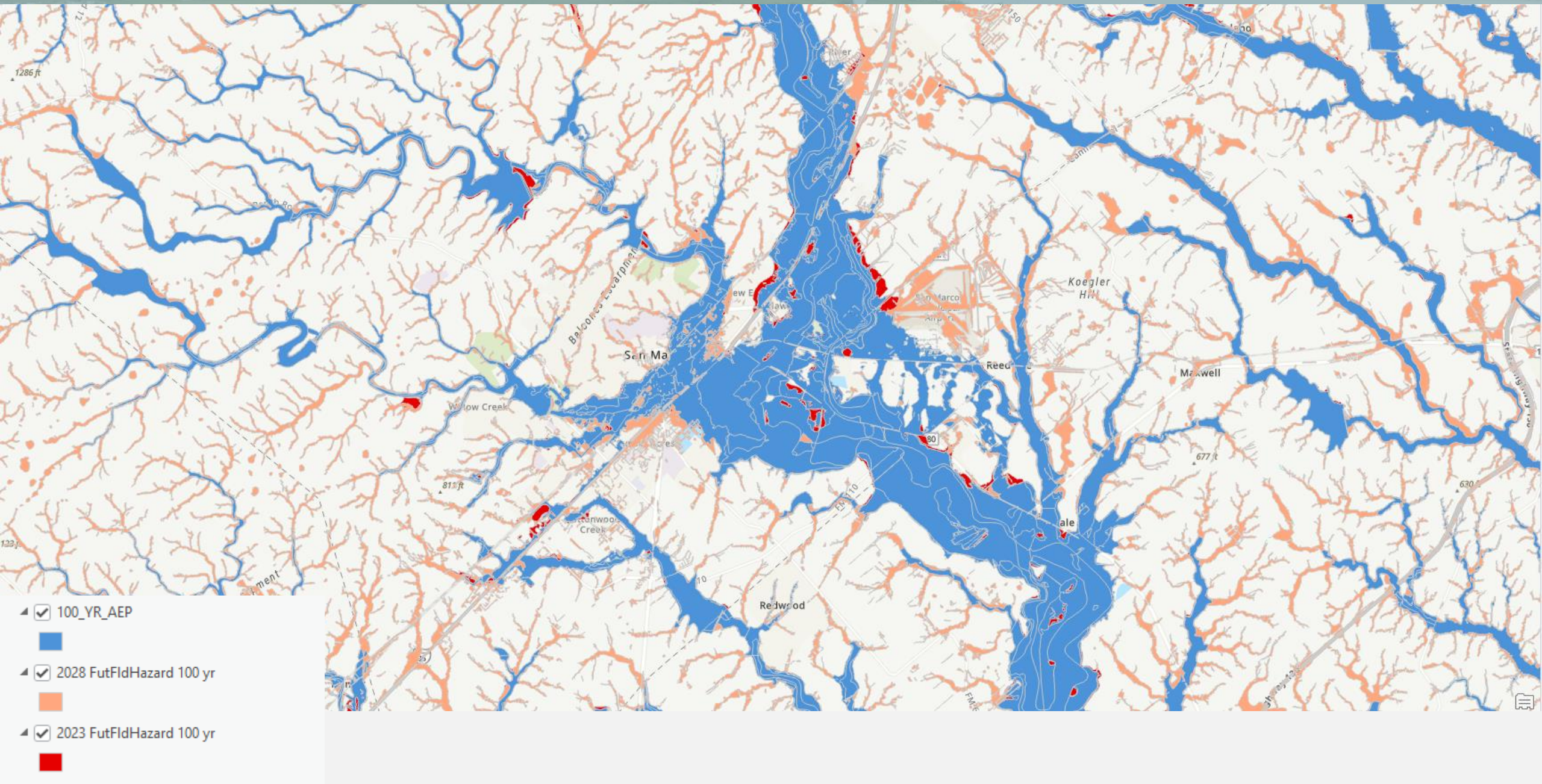
- 100_YR_AEP
- 2028 FutFldHazard 100 yr
- 2023 FutFldHazard 100 yr



Select Areas: Proposed 100-yr vs Future 2028



Select Areas: Proposed, Future 2023, Future 2028 (100-yr)



Select Areas: Proposed 100-yr vs Future 2023

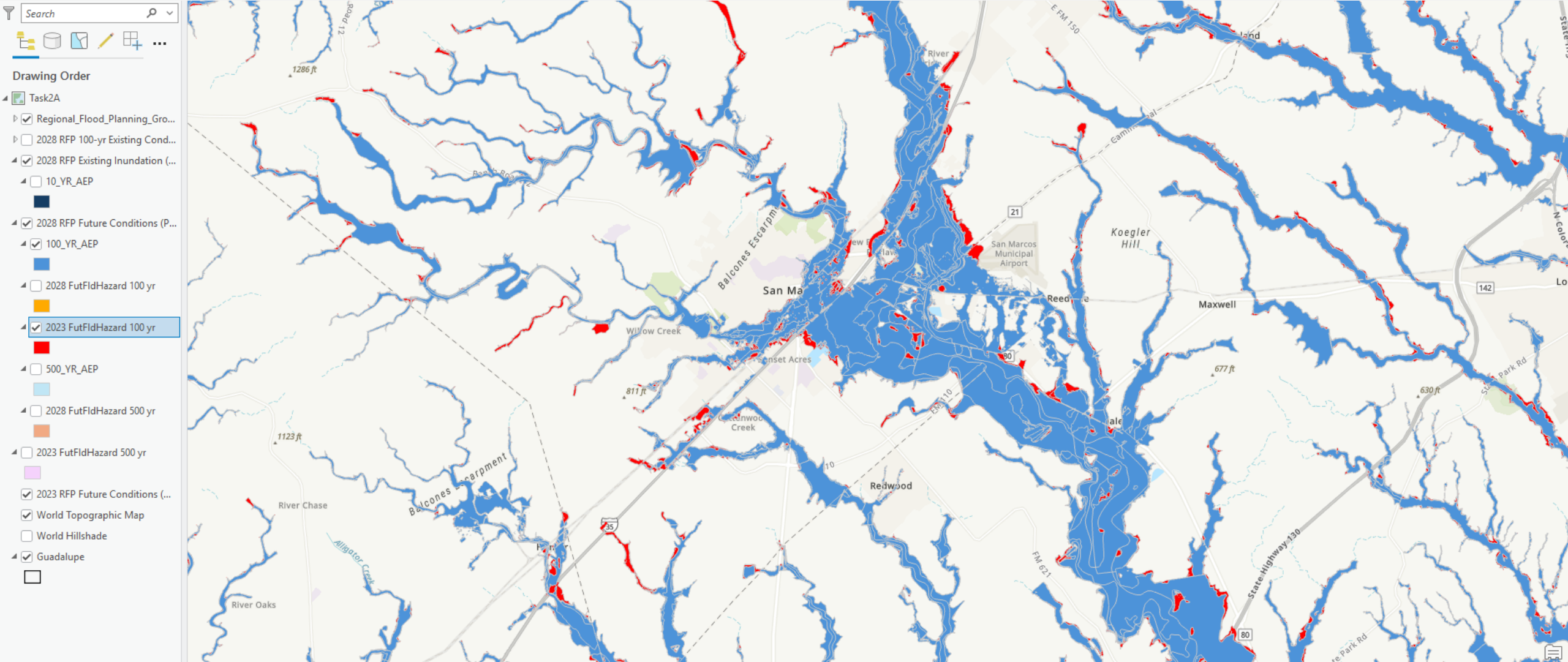
The screenshot shows a GIS application interface with a map of San Marcos, Texas. The map displays the 100-year flood hazard area in blue and the 2023 future flood hazard area in red. The legend on the left includes various flood hazard layers and drawing tools.

Legend:

- ☒ Task2A
- ☒ Regional_Flood_Planning_Gro...
- ☐ 2028 RFP 100-yr Existing Cond...
- ☒ 2028 RFP Existing Inundation (...)
- ☐ 10_YR_AEP
- ☒ 2028 RFP Future Conditions (P...
- ☒ 100_YR_AEP
- ☐ 2028 FutFldHazard 100 yr
- ☒ 2023 FutFldHazard 100 yr
- ☐ 500_YR_AEP
- ☐ 2028 FutFldHazard 500 yr
- ☐ 2023 FutFldHazard 500 yr
- ☒ 2023 RFP Future Conditions (...)
- ☒ World Topographic Map
- ☐ World Hillshade
- ☒ Guadalupe

The map shows the following features:

- San Marcos:** The central urban area, including the San Marcos Municipal Airport.
- Geographic Features:** Balcones Escarpment, Willow Creek, Guadalupe Creek, Redwood, and Kogler Hill.
- Infrastructure:** State Highway 130, State Highway 80, and various local roads like FM 150 and FM 621.
- Elevation:** Contour lines indicating elevations such as 1286 ft, 1123 ft, 811 ft, 677 ft, and 630 ft.



Select Areas: Proposed 100-yr vs Future 2028

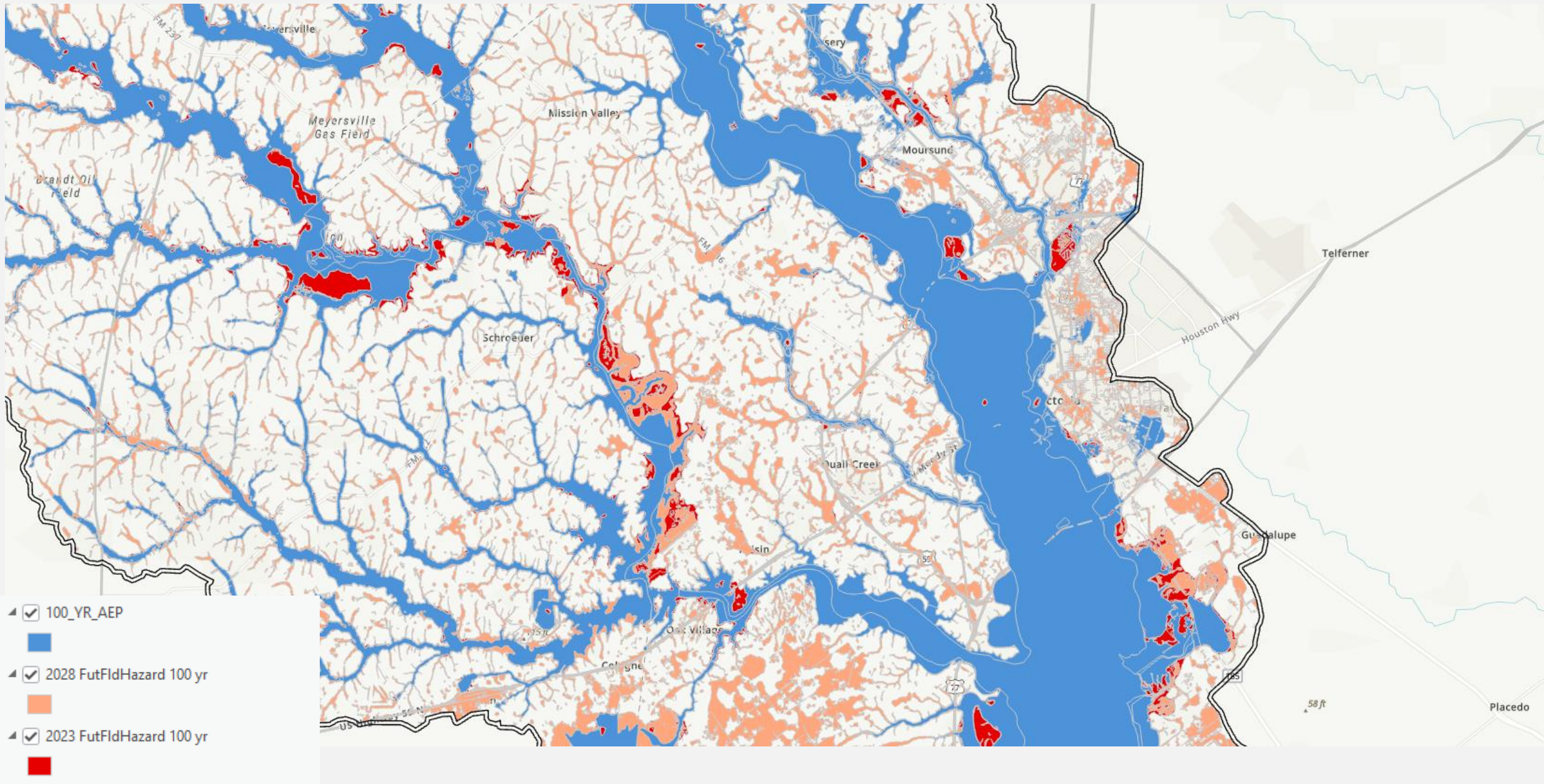
The screenshot shows a GIS application interface with a map of San Marcos, Texas. The map displays the San Marcos River and surrounding areas, with flood zones colored in blue, orange, and red. The legend on the left lists various data layers, including '2023 FutFidHazard 100 yr' (blue) and '2028 FutFidHazard 100 yr' (orange). The map interface includes a search bar, drawing tools, and a layer list.

Legend:

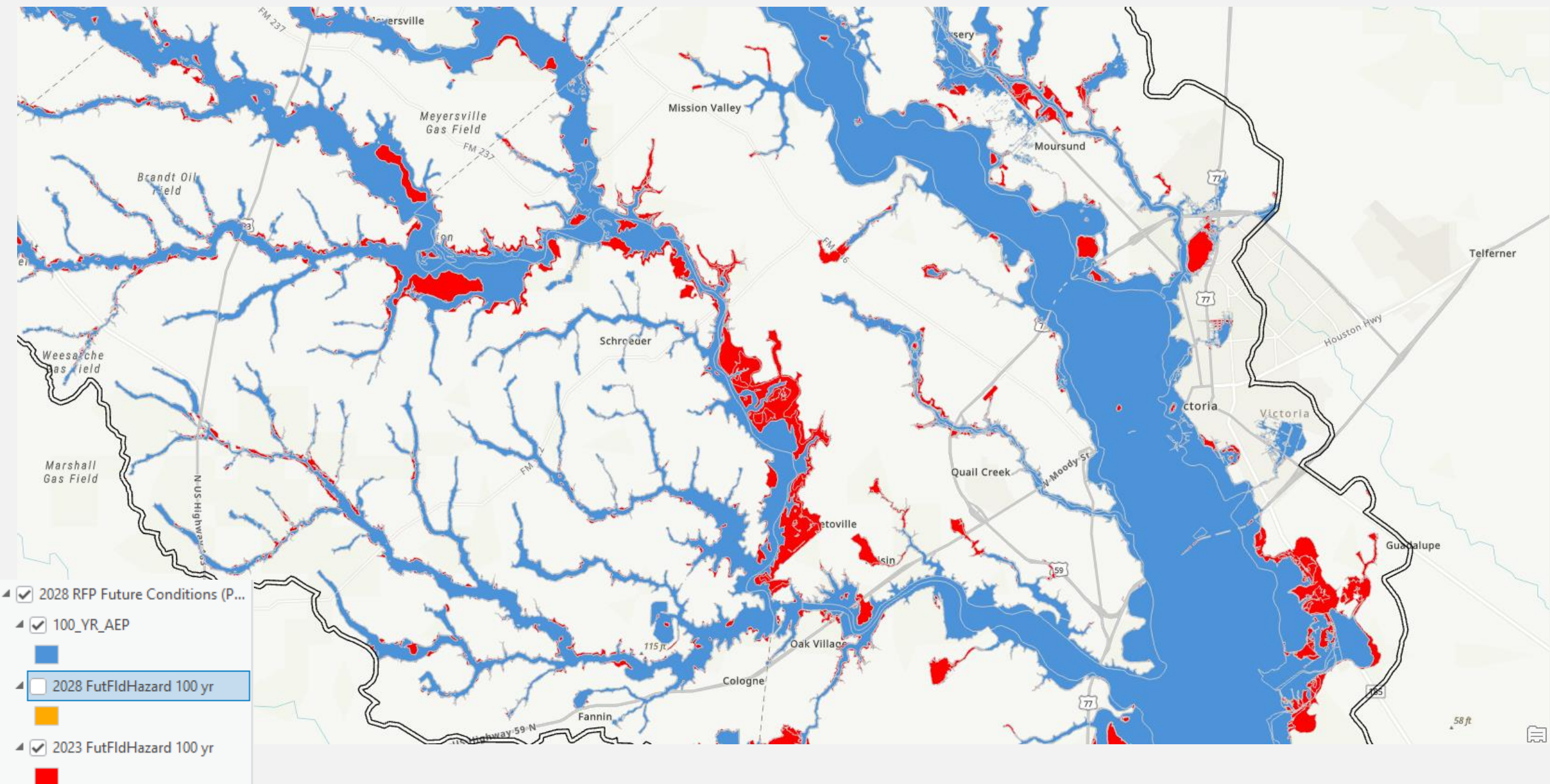
- Task2A
- Regional_Flood_Planning_Gro...
- 2028 RFP 100-yr Existing Cond...
- 2028 RFP Existing Inundation (...)
- 10_YR_AEP
- 2028 RFP Future Conditions (P...
- 100_YR_AEP
- 2028 FutFidHazard 100 yr
- 2023 FutFidHazard 100 yr
- 500_YR_AEP
- 2028 FutFidHazard 500 yr
- 2023 FutFidHazard 500 yr
- 2023 RFP Future Conditions (...)
- World Topographic Map
- World Hillshade
- Guadalupe



Select Areas: Proposed, Future 2023, Future 2028 (100-yr)



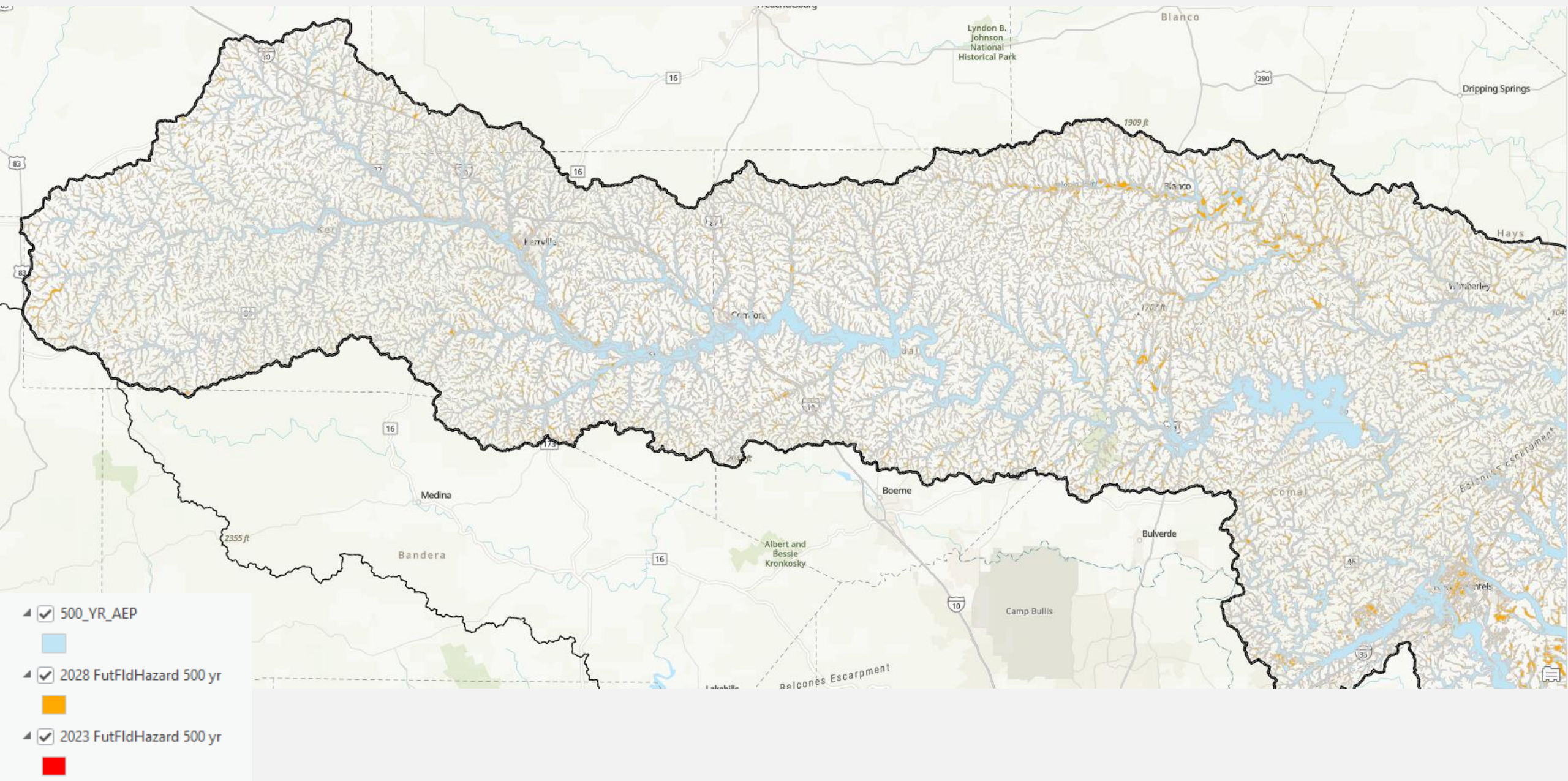
Select Areas: Proposed 100-yr vs Future 2023



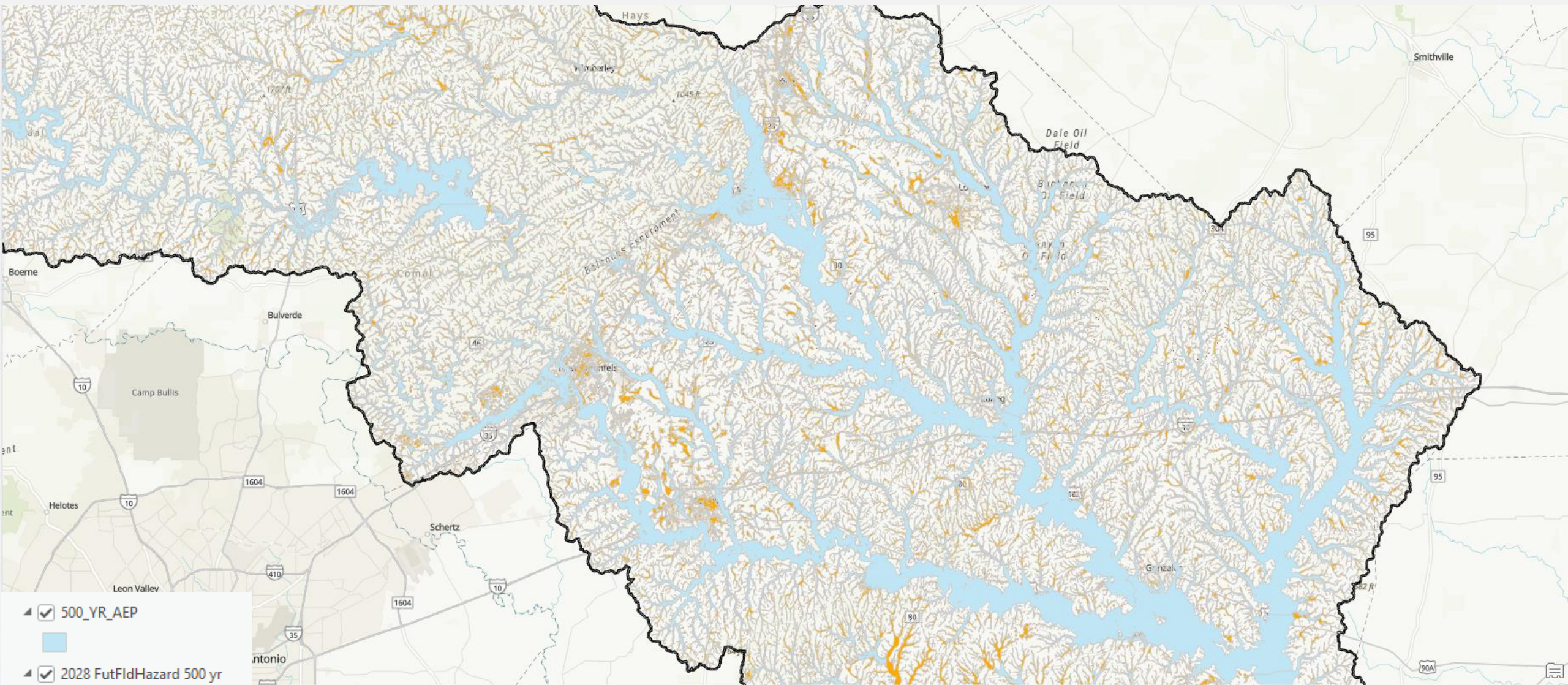
Select Areas: Proposed 100-yr vs Future 2028



Upper Basin: 500-yr (Existing, 2023 Future, 2028 Future)



Mid-Basin: 500-yr (Existing, 2023 Future, 2028 Future)

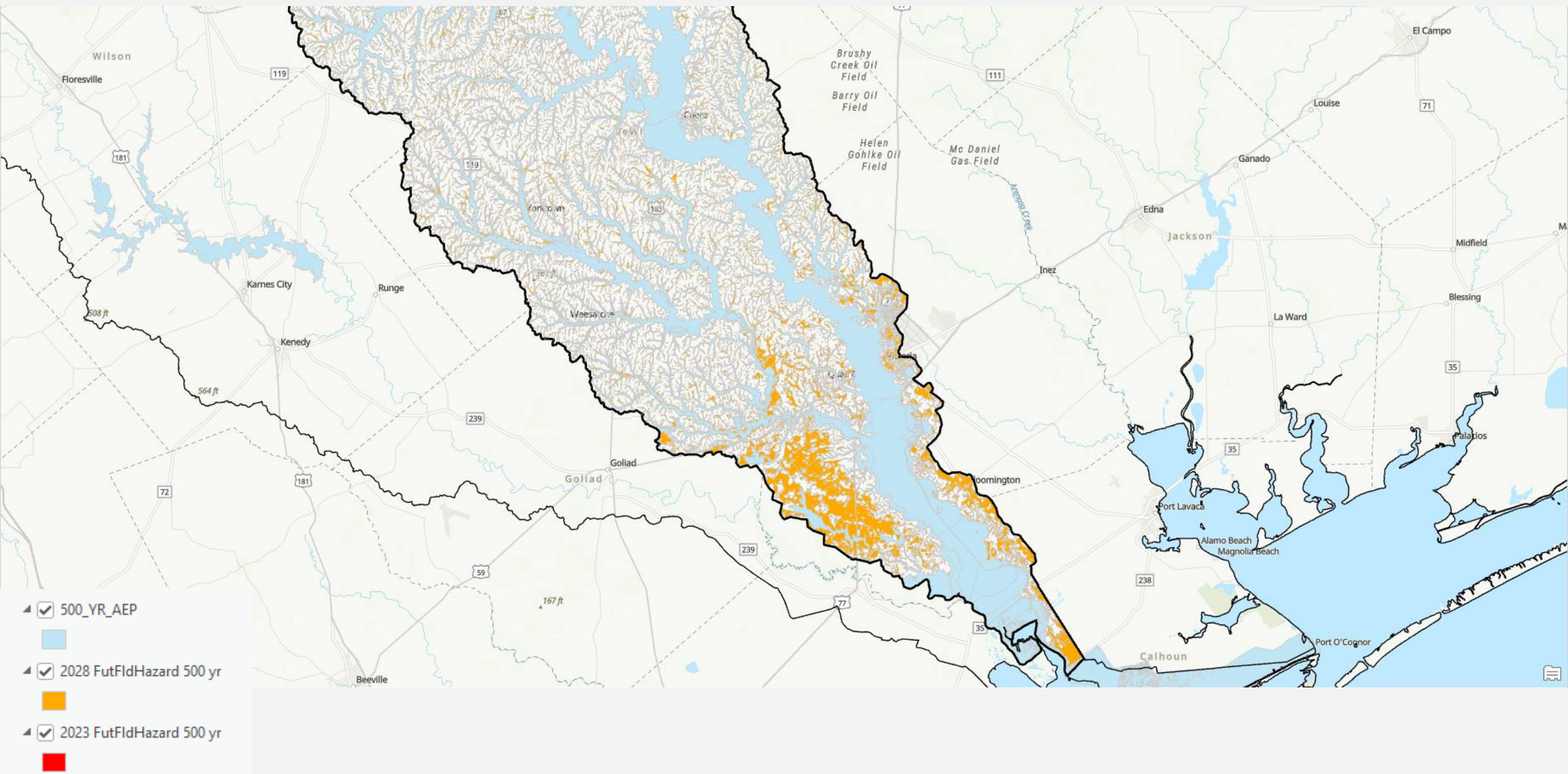


Lower Basin: 500-yr (Existing, 2023 Future, 2028 Future)

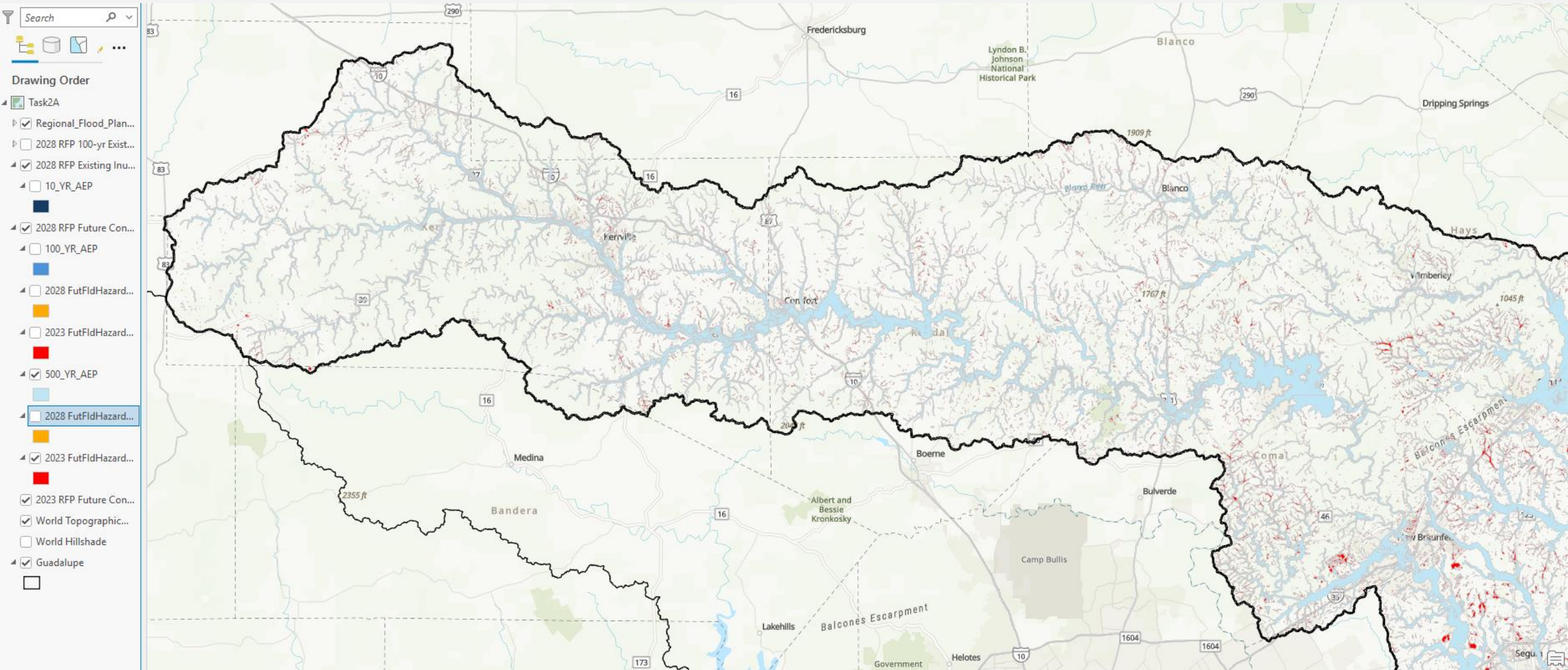
This map displays the Lower Basin area, highlighting 500-year flood hazard zones. The legend indicates three categories:

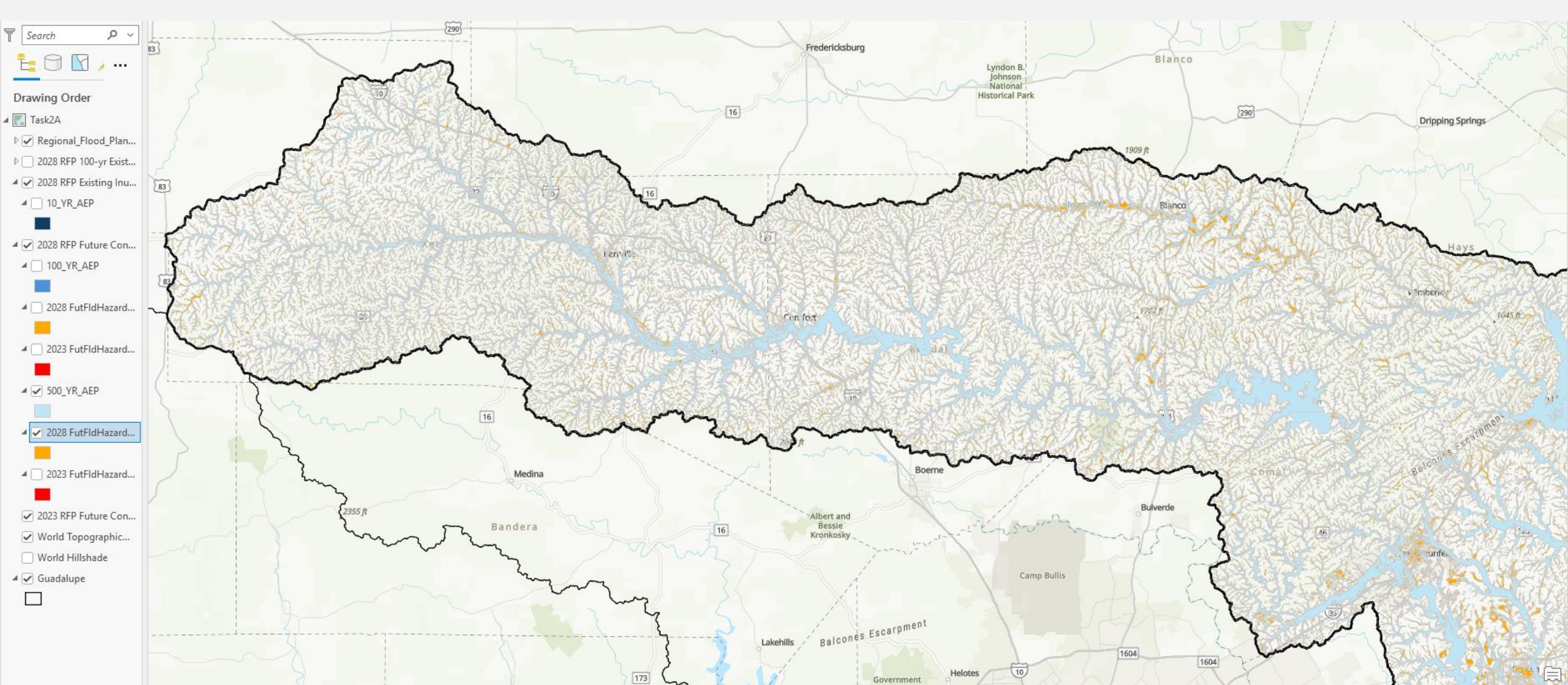
- ☒ 500_YR_AEP (Blue shading)
- ☒ 2028 FutFldHazard 500 yr (Orange shading)
- ☒ 2023 FutFldHazard 500 yr (Red shading)

The map shows the geographical distribution of these hazards, with major roads and water bodies labeled. Key locations include Wilson, Floresville, Karnes City, Runge, Kenedy, Beeville, Goliad, Gollie, Loomington, Port Lavaca, Alamo Beach, Magnolia Beach, Port O'Connor, Calhoun, El Campo, Louise, Ganado, Edna, Jackson, Inez, Mc Daniel Gas Field, Brushy Creek Oil Field, Barry Oil Field, Helen Gohlke Oil Field, and Midfield.



Upper Basin: Proposed 500-yr vs Future 2023





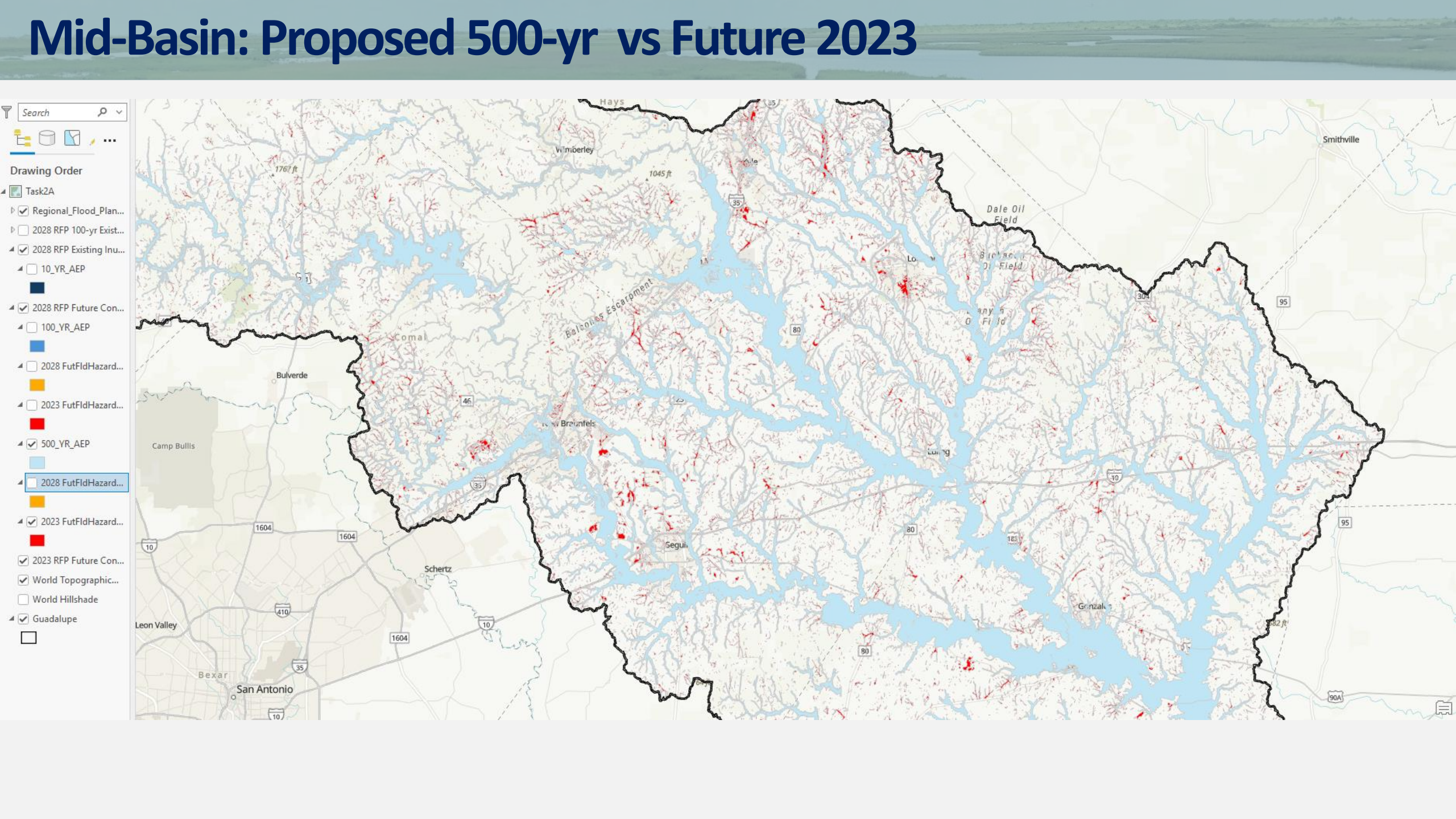
Mid-Basin: Proposed 500-yr vs Future 2023

The map displays the Mid-Basin area, showing flood hazards for two scenarios: 500-year and Future 2023. The 500-year flood hazard is shown in light blue, and the Future 2023 flood hazard is shown in red. The map includes a legend on the left side with the following items:

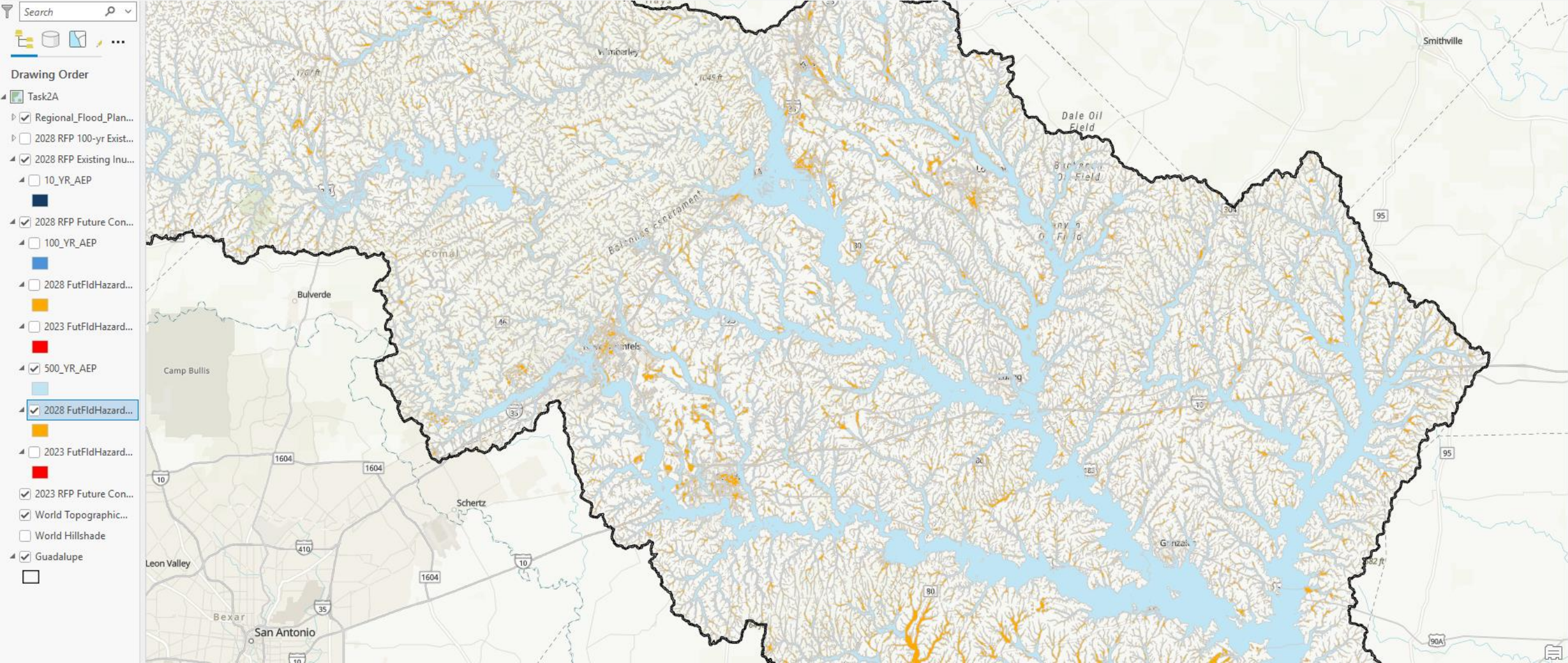
- Task2A
- Regional_Flood_Plan...
- 2028 RFP 100-yr Exist...
- 2028 RFP Existing Inu...
- 10_YR_AEP
- 2028 RFP Future Con...
- 100_YR_AEP
- 2028 FutFldHazard...
- 2023 FutFldHazard...
- 500_YR_AEP
- 2028 FutFldHazard...
- 2023 FutFldHazard...
- 2023 RFP Future Con...
- World Topographic...
- World Hillshade
- Guadalupe

The map shows the following locations and features:

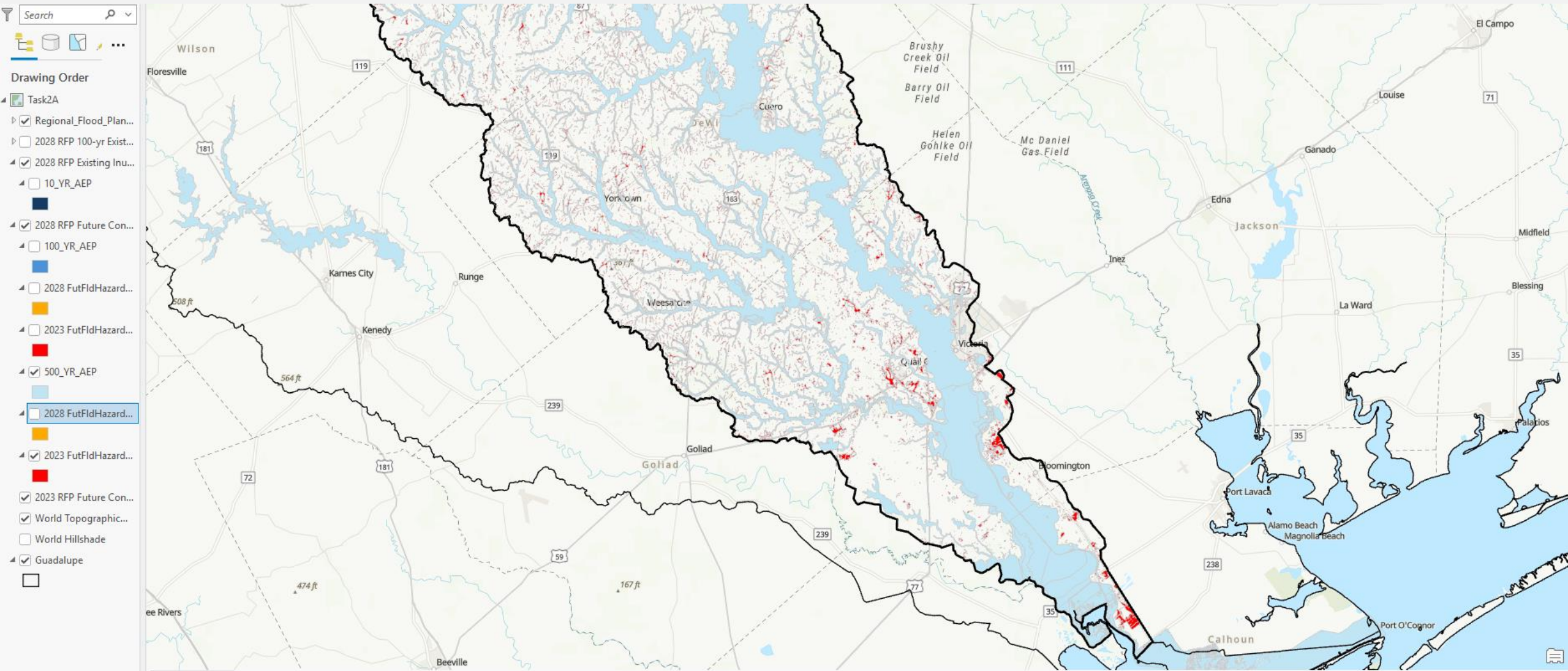
- Locations: Hays, Wimberley, Comal, Bulverde, Camp Bullis, Leon Valley, Bexar, San Antonio, Schertz, Seguli, Gonzak, Smithville, Dale Oil Field, Richardson Oil Field, and many other smaller locations.
- Highways: 35, 46, 80, 10, 1604, 410, 90, 95, 90A.
- Topographic features: Balcones Escarpment, 1761 ft, 1045 ft, 152 ft.

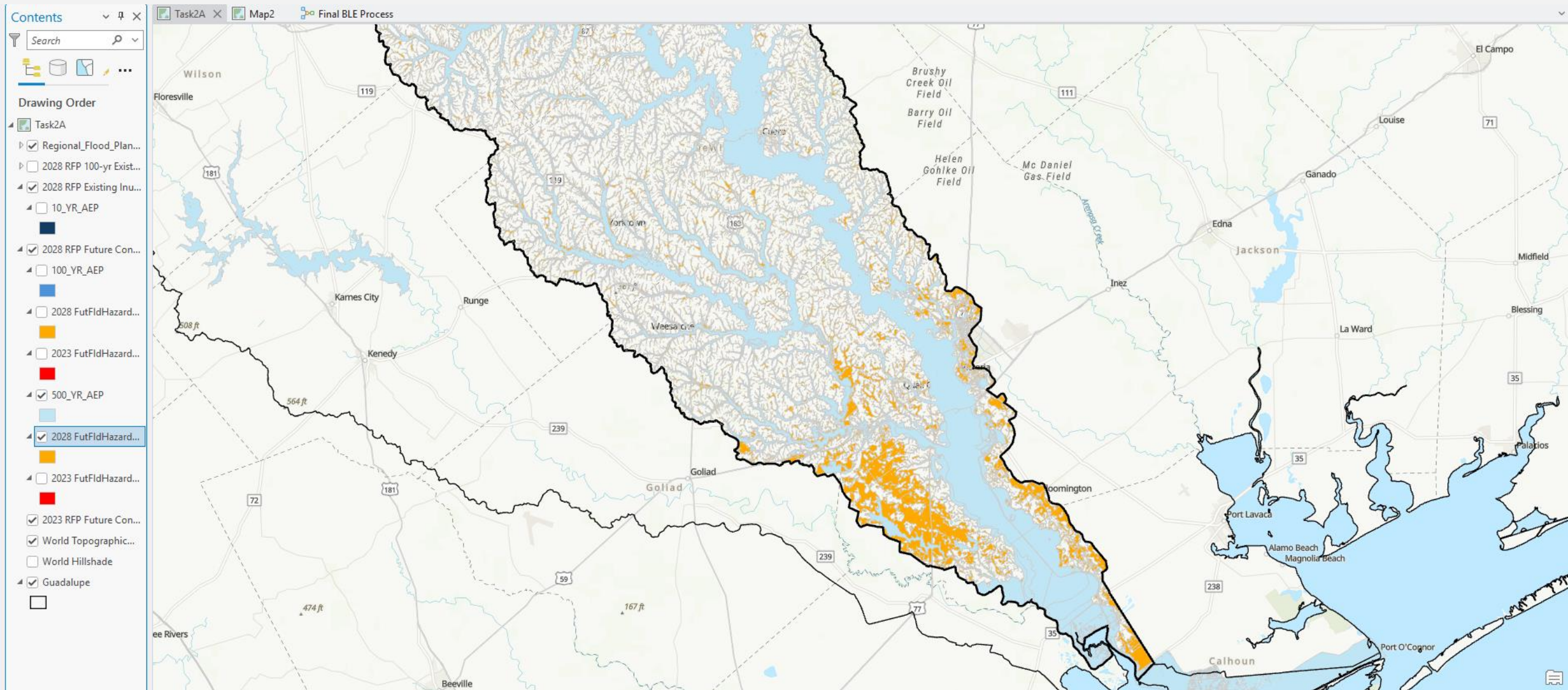


Mid-Basin: Proposed 500-yr vs Future 2028

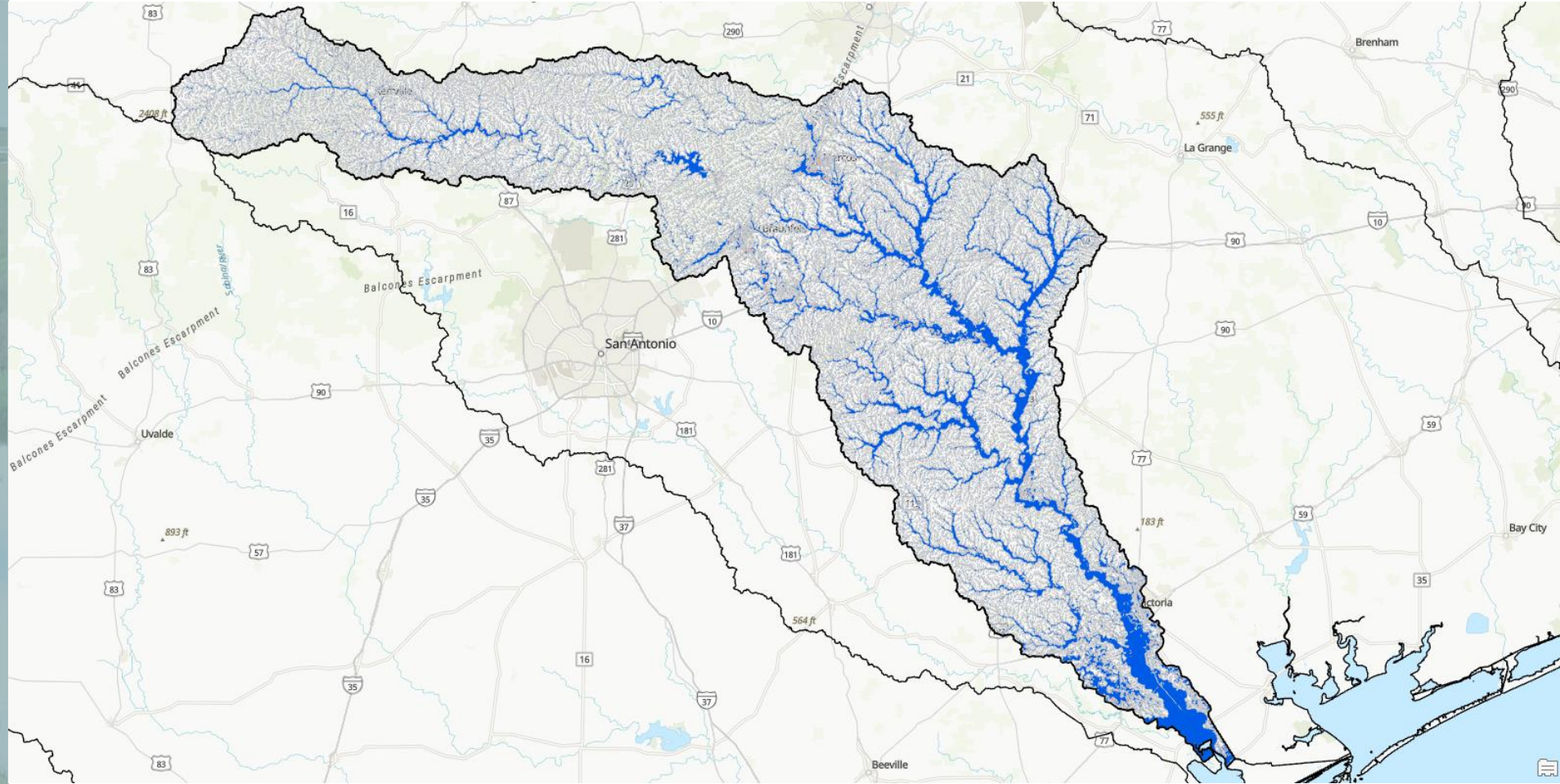


Lower Basin: Proposed 500-yr vs Future 2023



[illegible]

Entire Basin: TWDB Future 100-yr and 500-yr (Scenario 3)



- **Recommended:**
TWBD Scenario 3
Trim where less and existing

A wide-angle photograph of a marsh landscape with green vegetation and water, serving as the background for the text.

Task 3

Task 3A: Evaluation and Recommendations
on Floodplain Management Practices

Task 3B: Flood Mitigation Needs Analysis*

Task 3C: Flood Mitigation and Floodplain
Management Goals*

Task 3 Overview



Task3A:

Update Data
Recommend or Adopt
(2 parts)

Task 3B:

Analyze

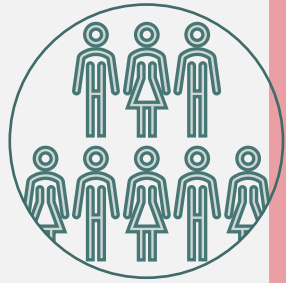
Task 3C:

Revise Goals

Task 3A – Eval/Recs on Floodplain Management Practices



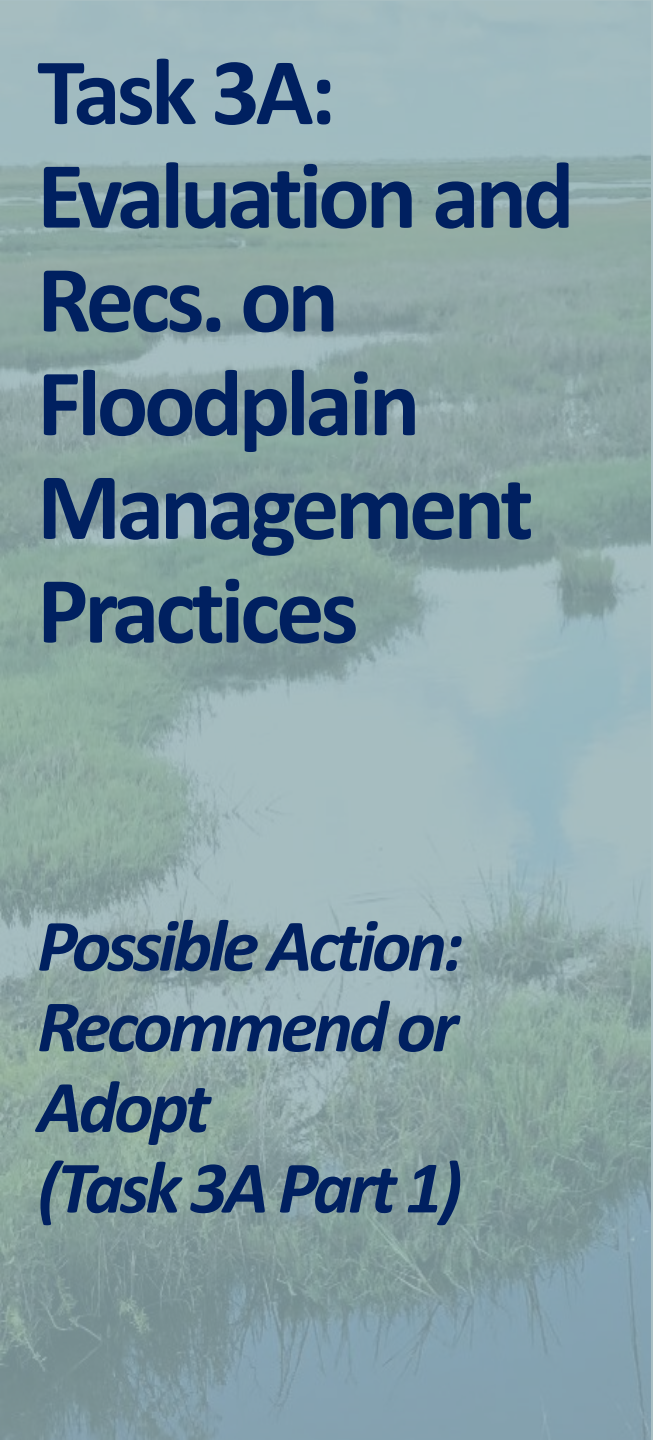
Confirm/Update 2023 RFP Data
(i.e. Floodplain ordinances, design standards, zoning ordinances)



Update Chapter 3A
land use practices, regulations, trends and population growth



Continue with **Recommendation** or
Choose to **Adopt** region-specific standards



Task 3A: Evaluation and Recs. on Floodplain Management Practices

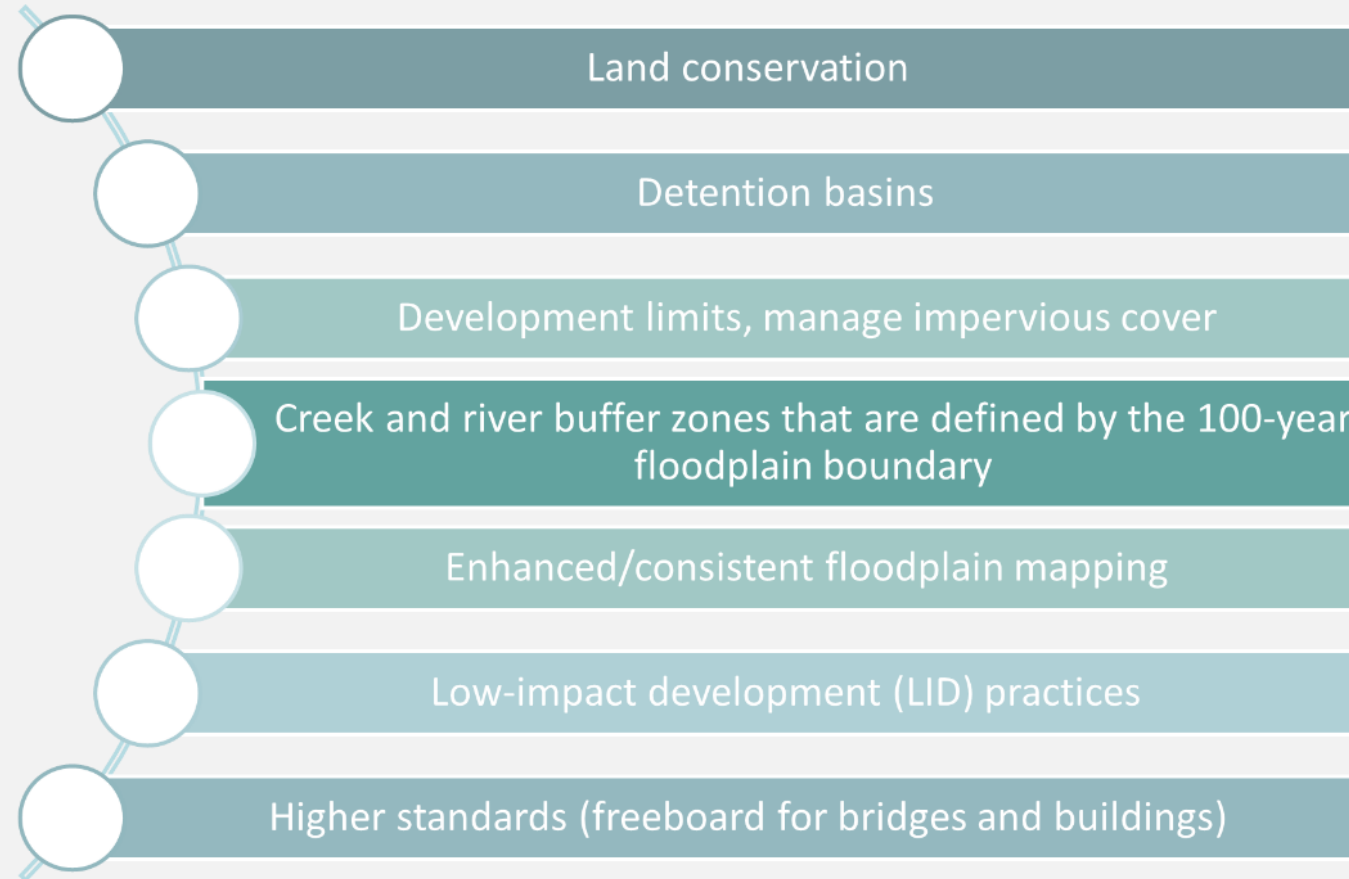
***Possible Action:
Recommend or
Adopt
(Task 3A Part 1)***

- RFPG can make **recommendations** or **adopt** region specific minimum standards
- ***Adoption*** will require adoption by local entities to have any actions included in the RFP
- ***2023 RFP***
 - “To ensure this first planning cycle is as inclusive as possible, the RFPG chose not to adopt minimum standards for this planning cycle. The RFPG may consider adopting minimum standards in future planning cycles.”***

At the Group’s discretion – possible action (3A Part 1)

Task 3A: Recommendations (3A Part 2)

- 2023 recommended flood prevention practices:



- Discussion at previous meeting about making these more prominent, add emphasis

Task 3A: Recommendations (draft for discussion)

- **Previous RFPG discussion - add emphasis to 2023 recommendations:** Consider creating a subsection of Chapter 3 and expand on each of the 2023 RFP Recommended Floodplain Management Practices:
 - **Land Conservation:** Acquiring open land outside of flood-prone areas can mitigate or eliminate changes in runoff that may lead to increased flooding. Similarly, acquiring land within established flood-prone areas can preserve natural flood storage capacities, maintain existing floodplain conditions, and prevent development within these vulnerable zones.
 - **Detention Basins:** It is essential to safeguard downstream landowners and public infrastructure from adverse effects such as flooding and erosion resulting from new development and construction. Municipalities and counties should mandate that developments perform hydrology and hydraulics (H&H) studies employing the most accurate available models. Additionally, they should require detention facilities to preserve existing conditions for the 2-, 25-, and 100-year events.

Task 3A: Recommendations (draft for discussion)

- **Development Limits and Management of Impervious Cover:** Implementing development limits through managing impervious cover and regulating development locations are essential land use best practices. These measures should be integrated into floodplain regulations, land development codes, and design criteria/manuals as appropriate.
- **Establishing buffer zones** around creeks and rivers based on the 100-year floodplain boundary is a land use practice that should be integrated into floodplain regulations, land development codes, and design criteria/manuals as appropriate.
- **Improved and Consistent Floodplain Modeling:** Entities lacking current FEMA effective floodplain maps or having outdated maps (pre-Atlas14) should adopt or use for regulation, at a minimum, the FEMA Base Level Engineering floodplain (best available data). Additionally, they should consider collaborating with neighboring entities to invest in developing new floodplain models and maps utilizing updated data such as rainfall, topography, and land use.

Task 3A: Recommendations (draft for discussion)

- **Low-impact development (LID practices):** Low-impact development involves the use of conservation, land use best practices, and resilient design to maintain the natural hydraulic conditions of a site. This approach aims to reduce the impacts of development related to urban flooding and water quality.
- **Higher Standards:** Implementing more comprehensive floodplain management regulations that exceed FEMA's minimum standards is among the most effective strategies for mitigating flood risk to new and future developments. Enhanced standards, such as specified freeboard above the base flood elevation and restrictions on development within the floodplain, are relatively cost-effective and are currently enforced in approximately % of the communities within the Guadalupe Flood Planning Region.

A wide-angle photograph of a coastal marsh or wetland. The foreground and middle ground are filled with shallow water reflecting the sky, interspersed with patches of green marsh grass and reeds. The background shows a flat horizon under a cloudy sky. The entire image has a semi-transparent blue overlay.

Task 3B

Flood Mitigation Needs Analysis

Task 3B: Flood Mitigation Needs Analysis



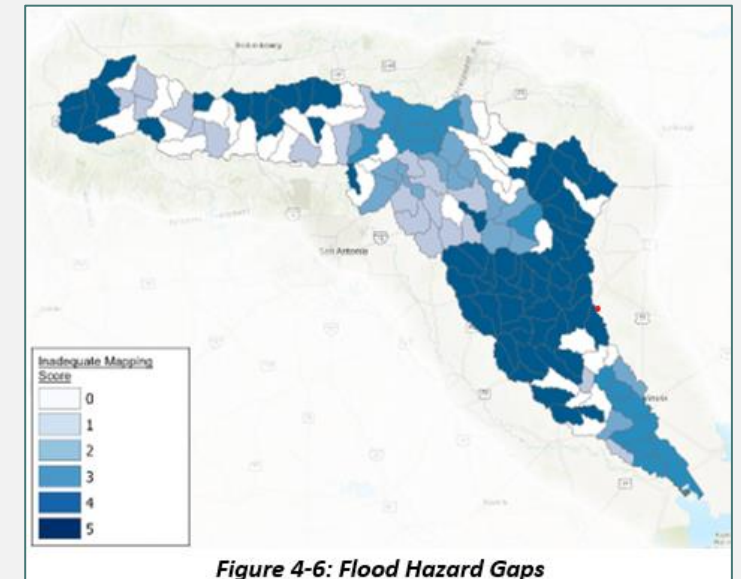
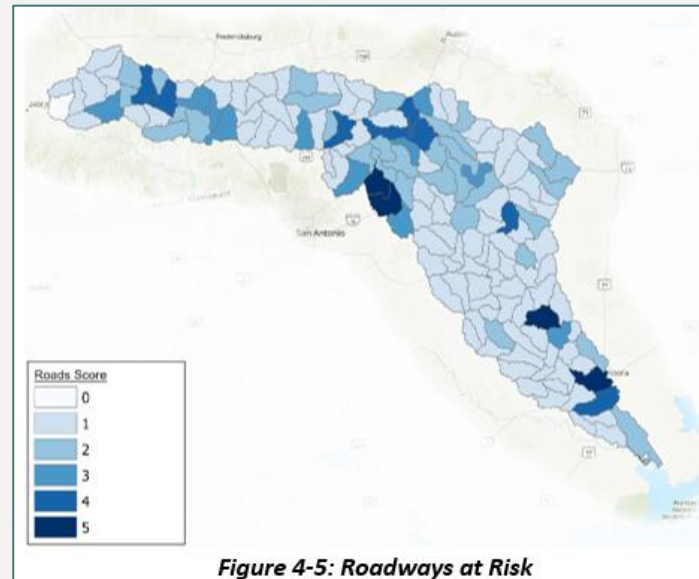
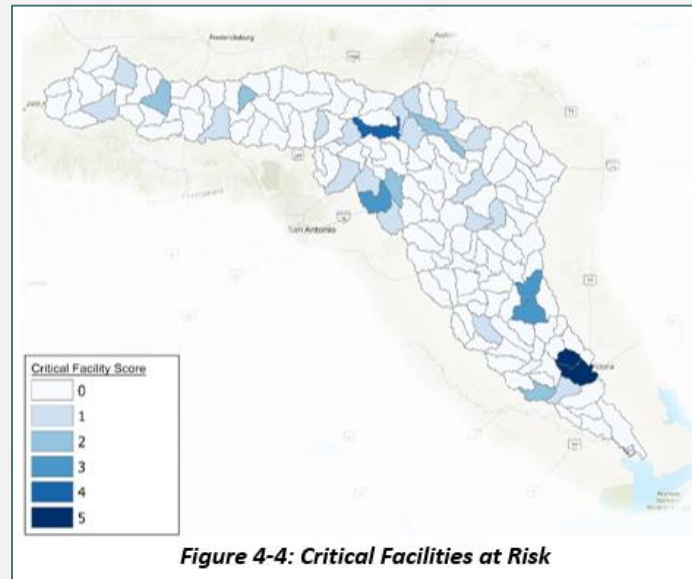
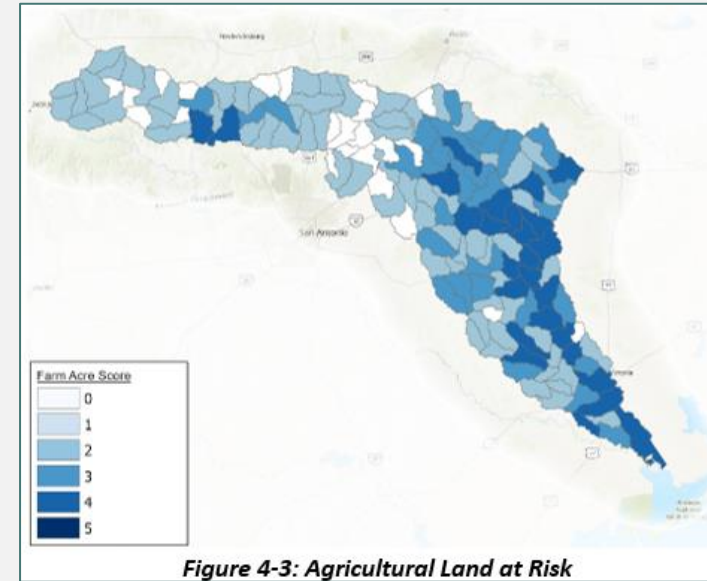
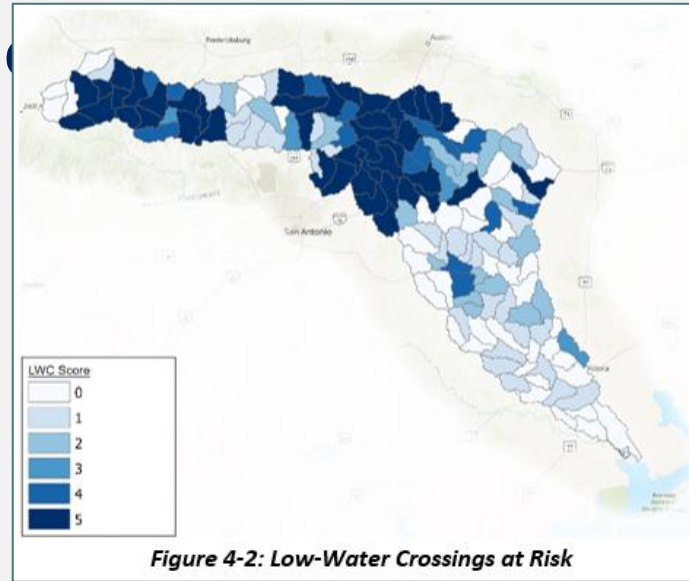
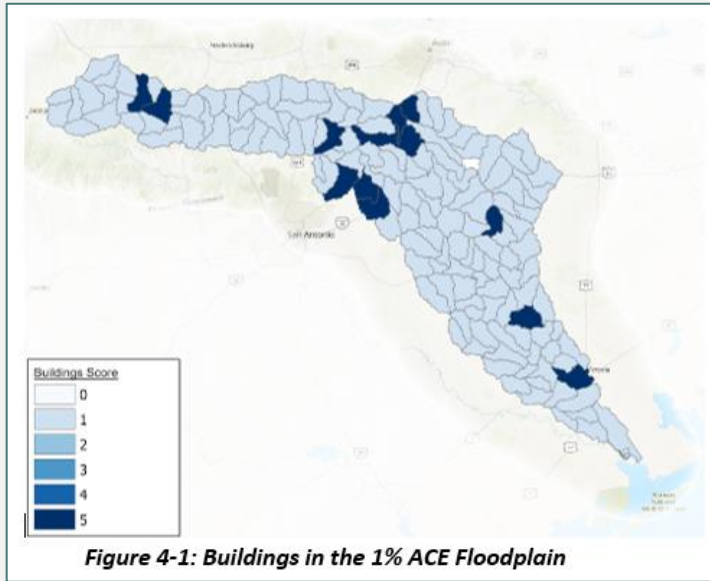
Identify/Target Areas:

- Greatest gap in flood risk knowledge
- Greatest known flood risk

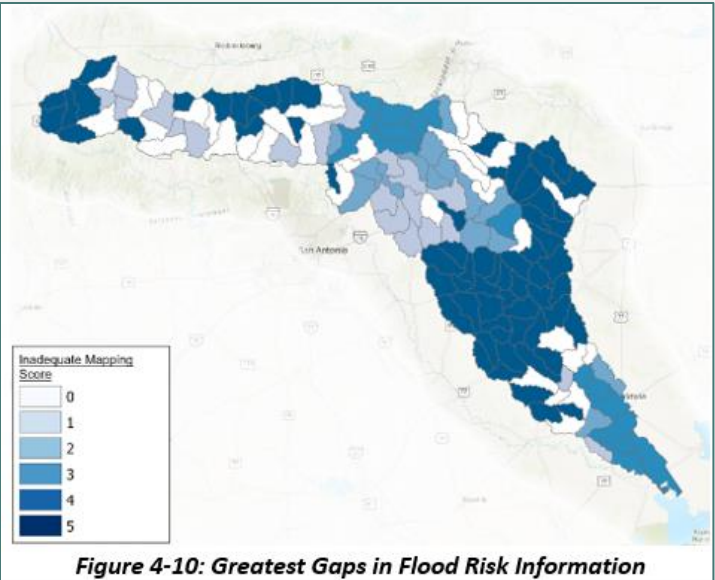
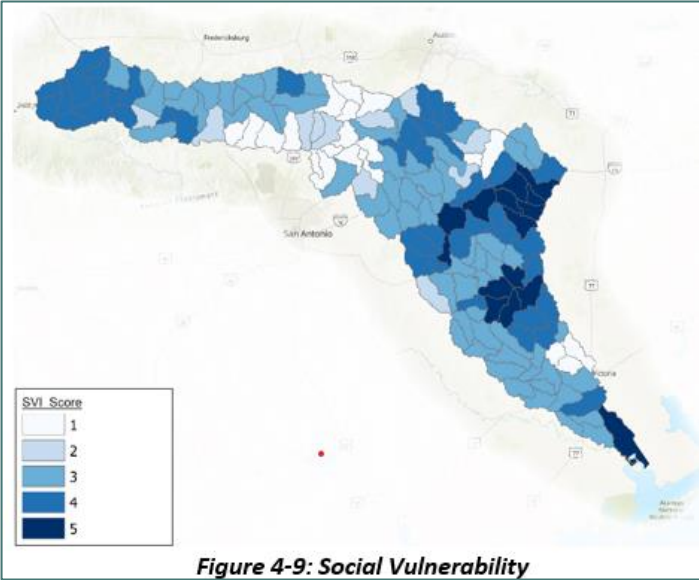
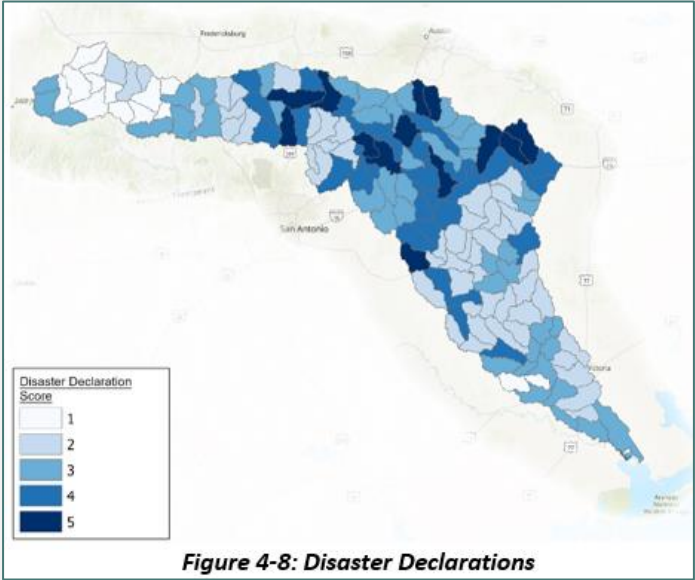
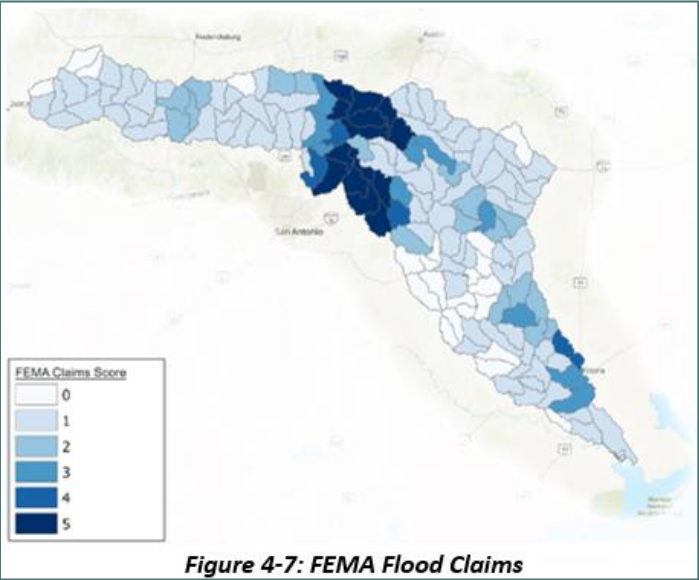
Task 3B: Flood Mitigation Needs Analysis

Screening Considerations	
Flood Prone Areas	Current Floodplain Management policies/practices
Residential structures at risk	Flood Prone Areas with inadequate maps
Number of low water crossings	Flood Prone Areas with no H/H Models
Agricultural areas at risk	Areas with Emergency Needs
Critical facilities at risk	Historic flooding (FEMA claims)

Task 3B: Flood Mitigation Needs Analysis



Task 3B: Flood Mitigation Needs Analysis



Score (low to high damages)	0	1	2	3	4	5
Disaster Declarations	0	0-3	3-6	6-10	10-15	15+
FEMA Claims (dollars)	0	0-1M	1M-3M	3M-6M	6M-20M	20M+
Additional Flood Concerns	0	1	2	2+		

Discussion and possible action (greatest risk/needs process)

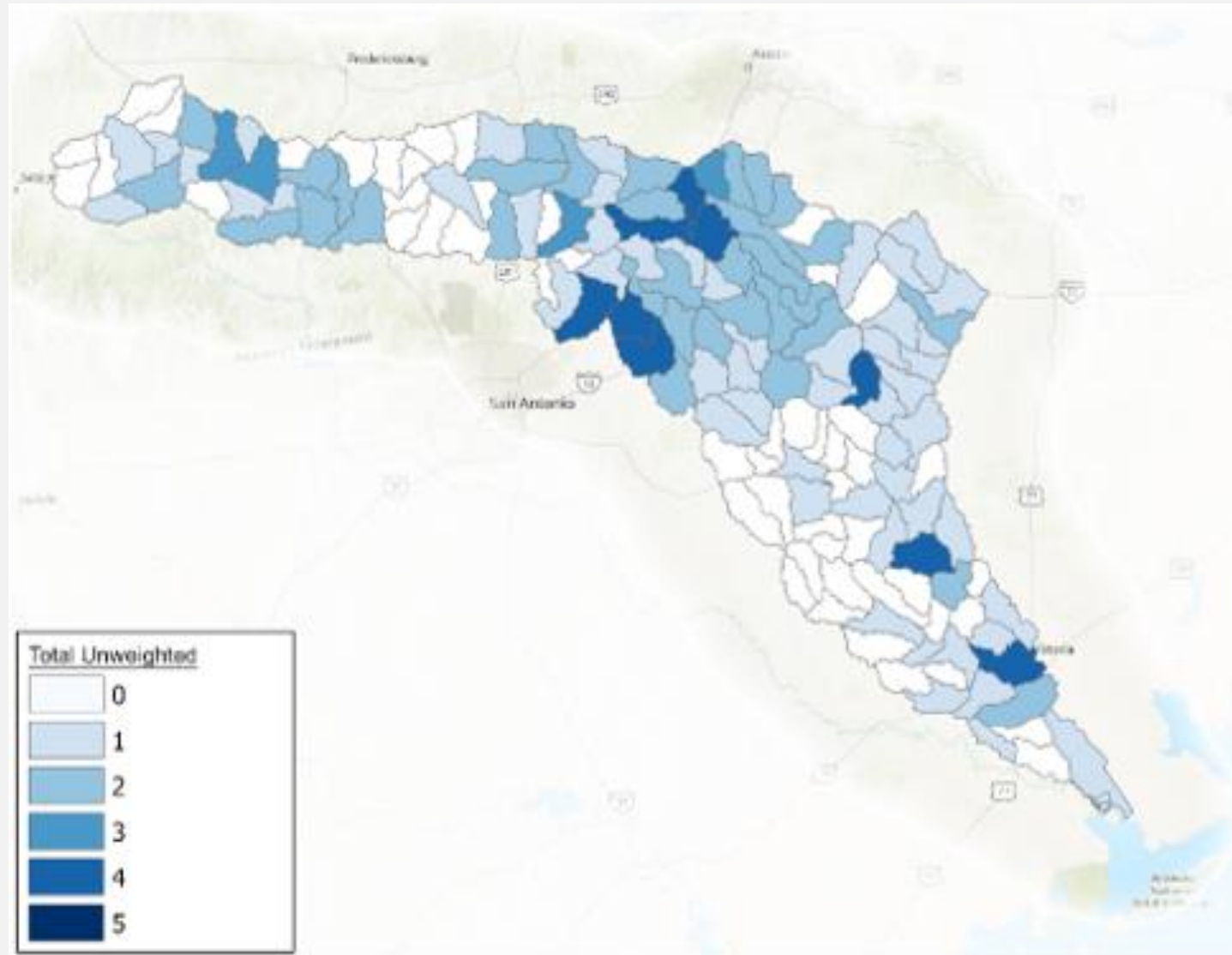


Figure 4-11: Areas with Greatest Flood Risk and Mitigation Needs

A wide-angle photograph of a marsh landscape. In the foreground, there are patches of green grass and reeds growing in shallow water. The middle ground shows a large body of water reflecting the sky, with more marshland visible in the distance. The sky is overcast with grey clouds. The overall scene is a natural, wetland environment.

Task 3C

Flood Mitigation and Floodplain
Management Goals

Task 3C: Flood Mitigation and Floodplain Management Goals

Short-term goal (10-years)	Long-term goal (30-years)	Current Status
Improve safety beyond minimal signage at 35% of low water crossings through automatic flood warning gates and/or flood level passed.	Improve safety beyond minimal signage at 90% of low water crossings through automatic flood warning gates and/or flood level passed.	Unknown: As we look at communities we will ask and look for FEWS to establish a baseline. Maybe okay, may want to revise.
Consider incorporating nature-based practices when acreage exceeds one acre (LID, green infrastructure, natural channel design) in 30% of Flood Mitigation Projects and Flood Management Strategies recommended in the Regional Flood Plan.	Consider incorporating nature-based practices when acreage exceeds one acre (LID, green infrastructure, natural channel design) in 100% of Flood Mitigation Projects and Flood Management Strategies recommended in the Regional Flood Plan.	Approximately 20% of the 2023 RFP FMPs include some component of NBS. Is consideration to include the right metric?

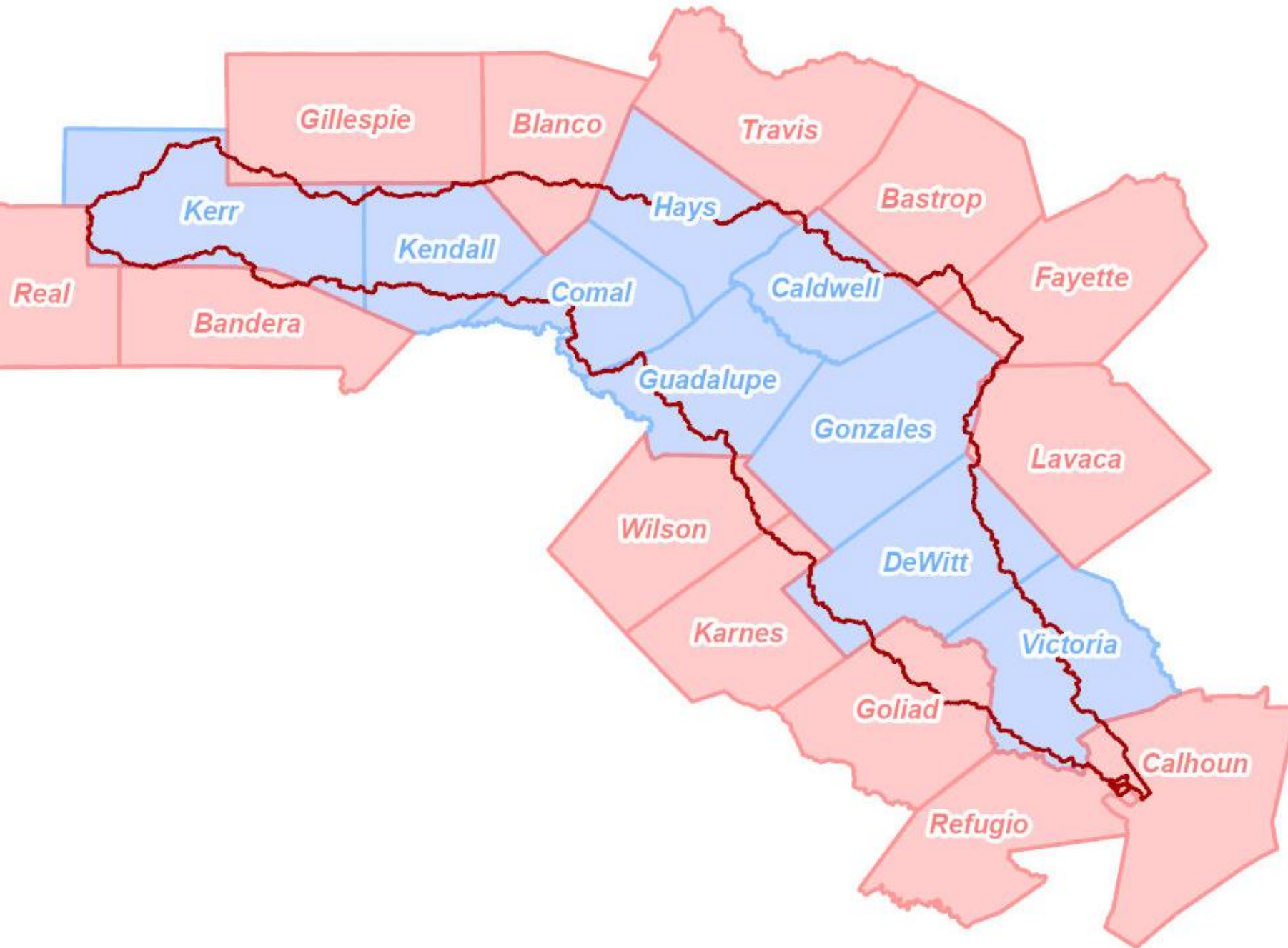
Task 3C: Flood Mitigation and Floodplain Management Goals

Short-term goal (10-years)	Long-term goal (30-years)	Current Status
Increase adoption of higher standards to 30% of communities in high growth counties.	Increase adoption of higher standards to 70% of communities in high growth counties.	<p>~45% of all communities have some level of higher standards (TFMA 2024).</p> <p>High-growth areas not defined. Options to compare goals once areas defined, expand beyond those areas, other. How to account for jurisdictions on drainage divides and/or only partially in R11?</p>
Increase high growth community CRS participation to 50% of all high growth communities.	Increase high growth community CRS participation to 75% of all high growth communities.	<p>4 out of 59 of all communities (7%) including border partial entities.</p> <p>Define high-growth, count communities with minimum % in Region 11?</p> <p>Aspirational but realistic (administrative effort)?</p>

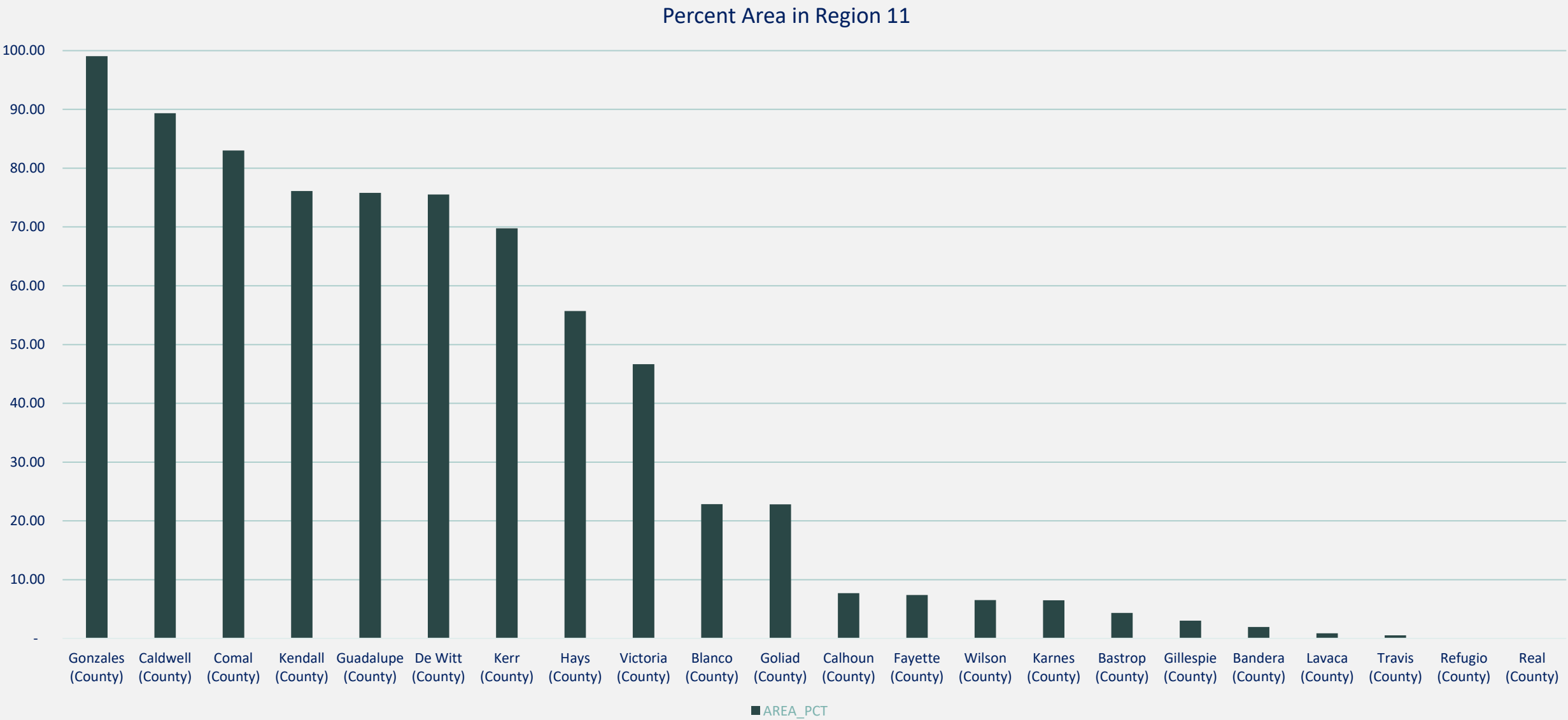
Task 3C: Flood Mitigation and Floodplain Management Goals

Short-term goal (10-years)	Long-term goal (30-years)	Current Status
Reduce number of vulnerable buildings/structures/critical facilities within the 1% existing flood hazard layer by 20% .	Reduce number of vulnerable buildings/structures/critical facilities within the 1% existing flood hazard layer by 50% .	Total : 45,800 Residential: 32,100 Critical: 225
Increase percentage of communities with dedicated funding sources for operations & maintenance and implementation of storm drainage systems to 35% of communities.	Increase percentage of communities with dedicated funding sources for operations & maintenance and implementation of storm drainage system to 60% of communities	Total: 5 of 37 municipalities (14%) has drainage utility fees. Counites not allowed to create DUFs Challenging to track other potential dedicated funds (e.g. 4B)

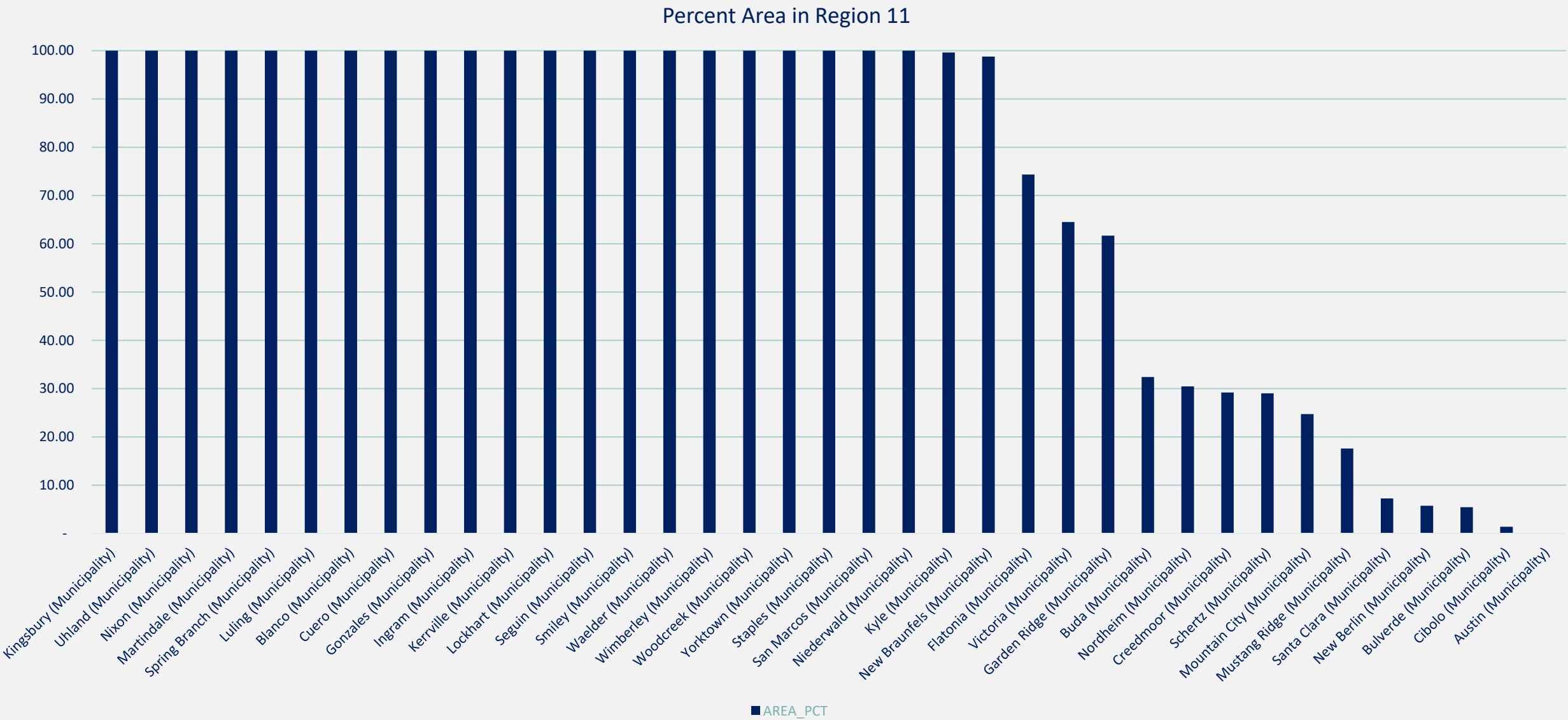
Region 11 Overview



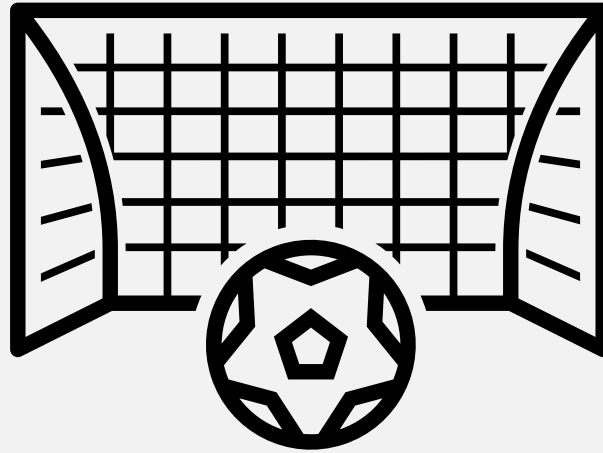
Counties within Region 11



Cities within Region 11



Discussion and possible action (goals)



A wide-angle photograph of a marshy landscape with green vegetation and water, serving as the background for the text.

Task 4A

Identification and Evaluation of Potential
FMEs, FMSs, FMPs

Task 4A: Identify Potential FME, FMS, & FMP



FMS - Flood Management Strategies

Plan to reduce flood risk or mitigate flood hazards to life or property; action group would like to identify, evaluate, and recommend that doesn't qualify as an FME or FMP



FME - Flood Management Evaluations

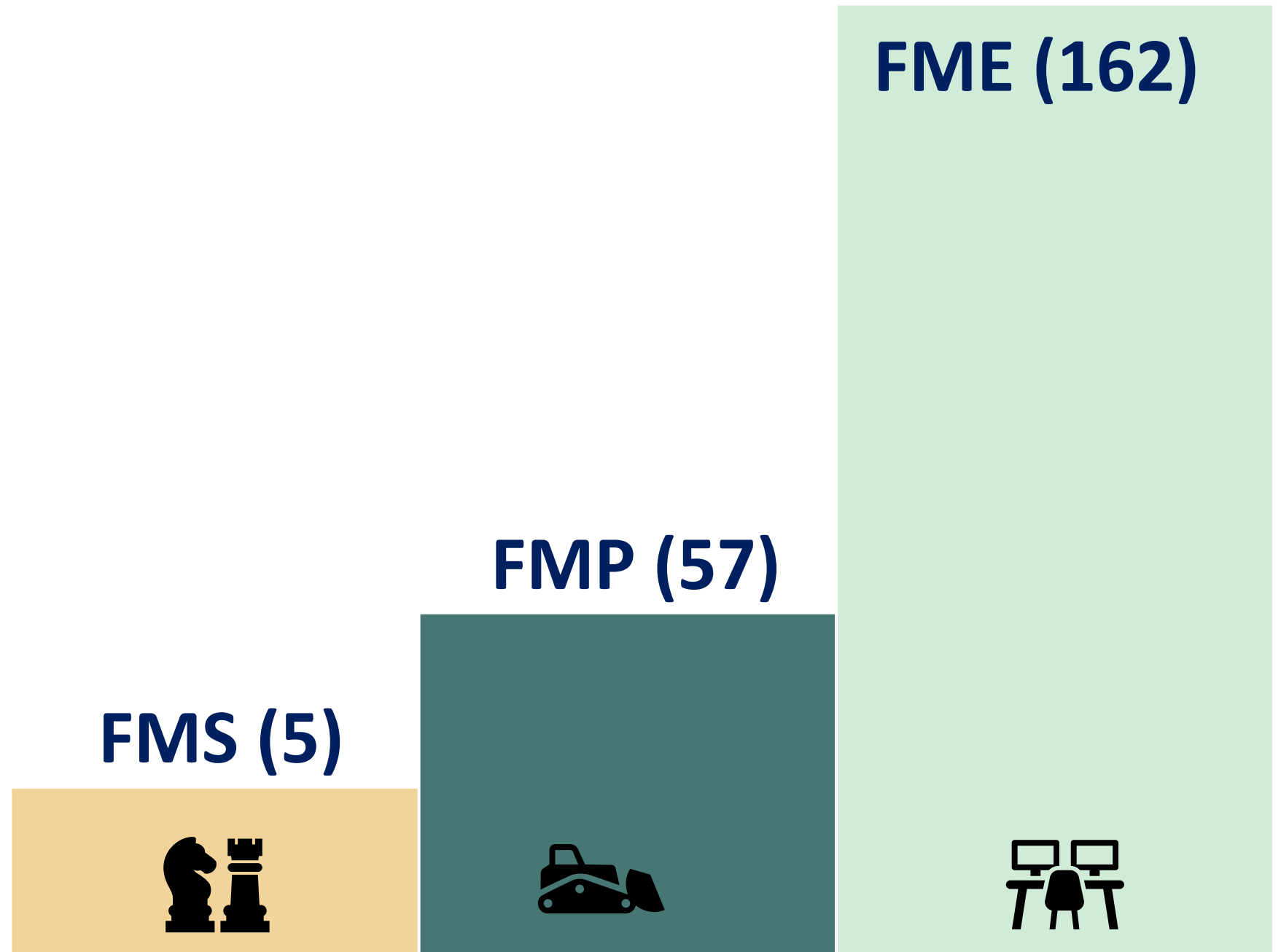
Study of a specific, flood-prone area needed to assess risk and/or determine whether there are potentially feasible FMSs or FMPs



FMP - Flood Mitigation Projects

Project (structural or non-structural) that has non-zero capital costs or other non-recurring cost and will reduce flood risk, mitigate flood hazards to life or property

**Task 4A:
Identify
Potential FME,
FMS, & FMP
(2023 Results)**



Task 4A: Identify Potential FME, FMS, & FMP

STEP 1

INITIAL SCREENING OF *STUDIES, PROJECTS & STRATEGIES* RECEIVED

Screen for minimum TWDB rules and guidance requirements

STEP 2

SCREENING OF *PROJECTS*

Screen per TWDB flowchart and guidance

STEP 3

SCREENING OF *STUDIES*

Screen for minimum TWDB guidance requirements

STEP 4

SCREENING OF *STRATEGIES*

Screen for minimum TWDB guidance requirements

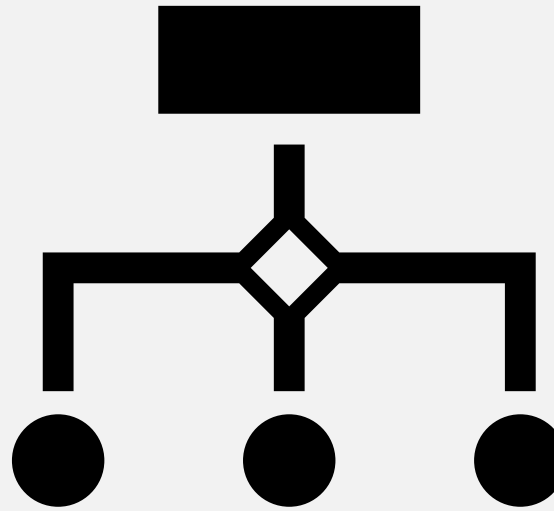
STEP 5

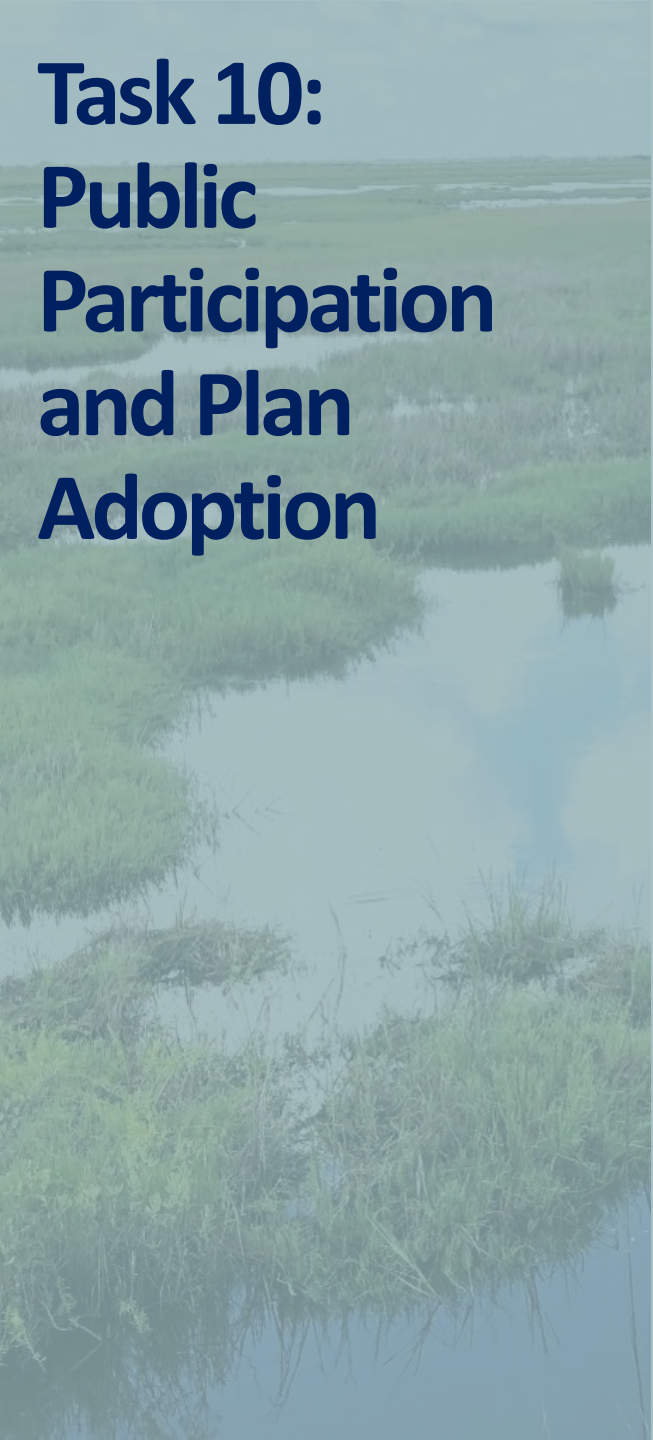
DETAILED EVALUATIONS OF SELECTED *STUDIES, PROJECTS & STRATEGIES*

STEP 6

FINAL RECOMMENDATIONS OF *STUDIES, PROJECTS & STRATEGIES*

Discussion and possible action (id and recommendation process)





Task 10: Public Participation and Plan Adoption

Public Comments via comments@guadalupefpg.org April 24, 2025 through June 16, 2025

Topic	Comment
Seeking Clarification	San Marcos River Foundation asked if the RFPG meeting has a virtual option or if it is only in person.
Request to Change Time of Meetings and Request for Information	Resident of Kingsbury asked the Region 11 Guadalupe Regional Flood Planning Group to consider moving the meetings times to evening to accommodate people who work during the day. They also requested meeting packets with minutes and exhibits.

A background image of a marshy landscape with green grass and water, partially obscured by a semi-transparent blue overlay.

Look Ahead (may vary)

Meeting	Milestones / Goals
June 2025	Review and Discuss Tasks 2A/2B (Possible Action) Review and Discuss Tasks 3A/3B/3C (Possible Action) Review and Discuss Task 4A (Possible Action)
September 2025	Preliminary Results & Discussion Task 1 Preliminary Results & Discussion Tasks 2A/2B (Action if needed) Preliminary Results & Discussion Tasks 3A/3B/3C (Action if needed) Preliminary Results & Discussion Task 4A (Action if needed) Discuss Task 4B: Technical Memo Review and Discuss Task 4C (TBD)
November 2025	Review and Discuss Task 4B: Technical Memo (Action Needed) Review and Discuss Task 4C (TBD) Discuss FIF FY26-27 Call for Applications (TBD)
January, 2026	Submit Task 4B Technical Memo (due January 7, 2026) Review and Discuss Task 4C and 5B (Possible Action)
March, 2026	Submit Task 5B: Rec List of FMEs for TWDB to do (March 26, 2026)

Consider date and agenda items for next meeting

- Tuesday, September 9th – Traveling Meeting for Pre-planning Meeting (Comfort Public Library)

Agenda Item 12

Public general comments – limit 3 minutes per person

Agenda Item 13

Adjourn

Agenda Item 14